

FOREWORD

The forward and CC instructions will be provided at a later date

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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1.1.1	<p>INTERNATIONAL STANDARDS AND RECOMMENDED PRACTICES</p> <p>CHAPTER 1. GENERAL</p> <p><i>Introductory Note.— Annex 14, Volume II, contains Standards and Recommended Practices (specifications) that prescribe the physical characteristics and obstacle limitation surfaces to be provided for at heliports, and certain facilities and technical services normally provided at a heliport. It is not intended that these specifications limit or regulate the operation of an aircraft.</i></p> <p><i>When designing a heliport, the critical design helicopter, having the largest set of dimensions and the greatest maximum take-off mass (MTOM) the heliport is intended to serve, would need to be considered.</i></p> <p><i>It is to be noted that provisions for helicopter flight operations are contained in Annex 6, Part III.</i></p> <p>1.1 Definitions</p> <p>Annex 14, Volume I, contains definitions for the terms which are used in both volumes. Those definitions are not reproduced in this volume, with the exception of the following two, which are included for ease of reference:</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will
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	Heliport. An aerodrome or a defined area on a structure intended to be used wholly or in part for the arrival, departure and surface movement of helicopters.									have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.2	<p>Obstacle. All fixed (whether temporary or permanent) and mobile objects, or parts thereof, that:</p> <p>a) are located on an area intended for the surface movement of aircraft; or</p> <p>b) extend above a defined surface intended to protect aircraft in flight; or</p> <p>c) stand outside those defined surfaces and that have been assessed as being a hazard to air navigation.</p> <p>The following list contains definitions of terms that are used only in Volume II, with the meanings given below.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS ADR-DSN.A.002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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1.1.3	D. The largest overall dimension of the helicopter when rotor(s) are turning measured from the most forward position of the main rotor tip path plane to the most rearward position of the tail rotor tip path plane or helicopter structure.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT- DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodrome s falling in the scope of Regulation (EU) 2018/1139.	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will
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										have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.4	<i>Design D.</i> The D of the design helicopter.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition is not covered by the current provisions. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of	The specification will be considered in future rulemaking activities.

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									Regulation (EU) 139/2014.	
1.1.5	D-value. A limiting dimension, in terms of “D”, for a heliport, helideck or shipboard heliport, or for a defined area within.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition is not covered by the current provisions. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
1.1.6	Declared distances — heliports. a) <i>Take-off distance available (TODAH).</i> The length of the FATO plus the length of helicopter clearway (if provided) declared available and suitable for helicopters to complete the take-off. b) <i>Rejected take-off distance available (RTODAH).</i> The length of the FATO declared available and suitable for helicopters operated in performance class 1 to complete a rejected take-off.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at	CS HPT-DSN applies only to surface-level VFR heliports or parts

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	<p>c) <i>Landing distance available (LDAH).</i> The length of the FATO plus any additional area declared available and suitable for helicopters to complete the landing manoeuvre from a defined height.</p>								<p>aerodrome s falling in the scope of Regulation (EU) 2018/1139. .</p>	<p>thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national regulato ry frameworks in order to assess compliance</p>
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										nce with Annex 14 Vol. II.
1.1.7	Dynamic load-bearing surface. A surface capable of supporting the loads generated by a helicopter in motion.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current definition is linked to emergency touchdown and not helicopter motion. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
1.1.8	Elevated heliport. A heliport located on a raised structure on land.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not been transposed	CS HPT-DSN applies only to

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										surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory
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										frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.9	Elongated. When used with TLOF or FATO, elongated means an area which has a length more than twice its width.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition is not covered by the current provisions. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
1.1.10	Final approach and take-off area (FATO). A defined area over which the final phase of the approach	Art. 34(5) of Reg. (EU)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition	CS HPT-

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	manoeuvre to hover or landing is completed and from which the take-off manoeuvre is commenced. Where the FATO is to be used by helicopters operated in performance class 1, the defined area includes the rejected take-off area available.	2018/1139 and CS HPT-DSN.A.020							applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139.	DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their
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										national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.11	Helicopter clearway. A defined area on the ground or water, selected and/or prepared as a suitable area over which a helicopter operated in performance class 1 may accelerate and achieve a specific height.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation

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										on (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II..
1.1.12	Helicopter stand. A defined area intended to accommodate a helicopter for purposes of: loading or unloading passengers, mail or cargo; fuelling,	Art. 34(5) of Reg. (EU) 2018/1139	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current definition	The specification will

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	parking or maintenance; and, where air taxiing operations are contemplated, the TLOF.	and CS HPT-DSN.A.020							does not cover all the functions covered by the new definition of helicopter stand. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	be considered in future rulemaking activities.
1.1.13	Helicopter taxiway. A defined path on a heliport intended for the ground movement of helicopters and that may be combined with an air taxi-route to permit both ground and air taxiing.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The new content of the definition is not covered by the current provisions. In addition, it	The specification will be considered in future rulemaking

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									applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	activities.
1.1.14	<p>Helicopter taxi-route. A defined path established for the movement of helicopters from one part of a heliport to another.</p> <p>a) <i>Air taxi-route.</i> A marked taxi-route intended for air taxiing.</p> <p>b) <i>Ground taxi-route.</i> A taxi-route centred on a taxiway.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition is not covered by the current provisions. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.

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1.1.15	Helideck. A heliport located on a fixed or floating offshore facility such as an exploration and/or production unit used for the exploitation of oil or gas.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will
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										have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.16	Heliport elevation. The elevation of the highest point of the FATO.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

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										Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.17	Helicopter reference point (HRP). The designated location of a heliport.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not	CS HPT-DSN

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									been transposed	applies only to surface- level VFR heliports located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39, where in such case the establish ment of the heliport referenc e point is not required . . For heliports that do not fall in the
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1.1.18	Point-in-space (PinS) approach. The point-in-space approach is based on GNSS and is an approach procedure designed for helicopter only. It is aligned with a reference point located to permit subsequent flight manoeuvring or approach and landing using visual manoeuvring in adequate visual conditions to see and avoid obstacles.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

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										located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with
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1.1.19	<p>Point-in-space (PinS) visual segment. This is the segment of a helicopter PinS approach procedure from the MAPt to the landing location for a PinS “proceed visually” procedure. This visual segment connects the PinS to the landing location.</p> <p><i>Note.— The procedure design criteria for a PinS approach and the detailed design requirements for a visual segment are established in the Procedures for Air Navigation Services — Aircraft Operations (PANS-OPS, Doc 8168).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU)

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										2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.20	Protection area. A defined area surrounding a stand intended to reduce the risk of damage from helicopters accidentally diverging from the stand.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current definition covers also the taxi-route. In addition, it applies only for VFR heliports located at aerodromes falling in	The specification will be considered in future rulemaking activities.

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									the scope of Regulation (EU) 139/2014.	
1.1.21	Rejected take-off area. A defined area on a heliport suitable for helicopters operating in performance class 1 to complete a rejected take-off.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation

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				Annex Standard or Recommended Practice						

										on (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.22	Runway-type FATO. A FATO having characteristics similar in shape to a runway.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									of Regulation (EU) 2018/1139	aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										II.
1.1.23	Safety area. A defined area on a heliport surrounding the FATO which is free of obstacles, other than those required for air navigation purposes, and intended to reduce the risk of damage to helicopters accidentally diverging from the FATO.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139,

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.24	Shipboard heliport. A heliport located on a ship that may be purpose or non-purpose-built. A purpose-built shipboard heliport is one designed specifically for helicopter operations. A non-purpose-built shipboard heliport is one that utilizes an area of the ship that is capable of supporting a helicopter but not designed specifically for that task.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

1.1.25	Static load-bearing surface. A surface capable of supporting the mass of a helicopter situated upon it.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.26	Surface-level heliport. A heliport located on the ground or on a structure on the surface of the water.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.27	<i>Touchdown and lift-off area (TLOF).</i> An area on which a helicopter may touch down or lift off.	Art. 34(5) of Reg. (EU)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition applies	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

		2018/1139 and CS HPT-DSN.A.020							only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.1.28	<i>Touchdown/positioning circle (TDPC).</i> A touchdown positioning marking (TDPM) in the form of a circle used for omnidirectional positioning in a TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition is not covered by the current provisions. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

1.1.29	Touchdown/positioning marking (TDPM). A marking or set of markings providing visual cues for the positioning of helicopters.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition is not covered by the current provisions. In addition, it applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
1.1.30	Winching area. An area provided for the transfer by helicopter of personnel or stores to or from a ship.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The definition has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										II.
1.2.1	<p>1.2 Applicability</p> <p><i>Note.— The dimensions discussed in this Annex are based on consideration of single-main-rotor helicopters. For tandem-rotor helicopters the heliport design will be based on a case-by-case review of the specific models using the basic requirement for a safety area and protection areas specified in this Annex. The specifications of the main chapters of this Annex are applicable for visual heliports that may or may not incorporate the use of a Point-in-space approach or departure. Additional specifications for instrument heliports with non-precision and/or precision approaches and instrument departures are detailed in the Appendix. The specifications of this Annex are not applicable for water heliports (touchdown or lift-off on the surface of the water).</i></p> <p>1.2.1 The interpretation of some of the specifications in this Annex expressly requires the exercising of discretion, the taking of a decision or the performance of a function by the appropriate authority. In other specifications, the expression appropriate authority does not actually appear although its inclusion is implied. In both cases, the responsibility for whatever determination or action is necessary shall rest with the State having jurisdiction over the heliport.</p>	Art. 34-38 and Annex VII toReg. (EU) 2018/1139. Art11, Annex II, III, IV toReg. (EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Responsibilities are addressed throughout the rules, however it was found that this provision could not be transposed as	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139,

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									such.	States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
1.2.2	1.2.2 The specifications in this Annex shall apply to all heliports intended to be used by helicopters in international civil aviation. They shall apply equally to areas for the exclusive use of helicopters at an aerodrome primarily meant for the use of aeroplanes. Where relevant, the provisions of Annex 14, Volume I, shall apply to the helicopter operations being conducted at such an aerodrome.	Art. 2 para 1 (e) of Regulation (EU) 2018/1139 Art . 33 of Reg. 2018/1139 and CS HPT-DSN.A.010 (a)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specifications apply only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139. The EU and Member States' national regulations do not apply exclusively to heliports intended to be used by helicopters in internation al civil avataion	in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol. II
1.2.3	1.2.3 Unless otherwise specified, the specification for a colour referred to in this Annex shall be that contained in Appendix 1 to Annex 14, Volume I.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.A.010 (c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										(e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

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1.3.1	<p>1.3 Common reference systems</p> <p>1.3.1 Horizontal reference system</p> <p>World Geodetic System — 1984 (WGS-84) shall be used as the horizontal (geodetic) reference system. Reported aeronautical geographical coordinates (indicating latitude and longitude) shall be expressed in terms of the WGS-84 geodetic reference datum.</p> <p><i>Note.— Comprehensive guidance material concerning WGS-84 is contained in the World Geodetic System — 1984 (WGS-84) Manual (Doc 9674).</i></p>	ADR.OPS.A.020 point (a) of Regulation (EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	It will become applicable as of 27 January 2022
1.3.2	<p>1.3.2 Vertical reference system</p> <p>Mean sea level (MSL) datum, which gives the relationship of gravity-related height (elevation) to a surface known as the geoid, shall be used as the vertical reference system.</p> <p><i>Note 1.— The geoid globally most closely approximates MSL. It is defined as the equipotential surface in the gravity field of the Earth which coincides</i></p>	ADR.OP S.A.020 point (b) of Reg (EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodrome	It will become applicable as of 27 January 2022

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<p><i>with the undisturbed MSL extended continuously through the continents.</i></p> <p><i>Note 2.— Gravity-related heights (elevations) are also referred to as orthometric heights while distances of points above the ellipsoid are referred to as ellipsoidal heights.</i></p>								s falling in the scope of Regulation (EU) 2018/1139	
1.3.3.1	<p>1.3.3 Temporal reference system</p> <p>1.3.3.1 The Gregorian calendar and Coordinated Universal Time (UTC) shall be used as the temporal reference system.</p>	ADR.OP S.A.020 point (c) of Reg (EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	It will become applicable as of 27 January 2022
1.3.3.2	1.3.3.2 When a different temporal reference system is used, this shall be indicated in GEN 2.1.2 of the Aeronautical Information Publication (AIP).		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	Subject to review by

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

									in Regulation (EU) 139/2014.	RMT.07 22
2.1.1	<p>CHAPTER 2. HELIPORT DATA</p> <p>2.1 Aeronautical data</p> <p>2.1.1 Determination and reporting of heliport-related aeronautical data shall be in accordance with the accuracy and integrity classification required to meet the needs of the end-users of aeronautical data.</p> <p><i>Note.— Specifications concerning the accuracy and integrity classification of heliport-related aeronautical data are contained in the PANS-AIM (Doc 10066), Appendix 1.</i></p>	ADR.OR.D.007 and ADR.OPS.A.010 of Reg. (EU)139/2014.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.1.2	<p>2.1.2 Digital data error detection techniques shall be used during the transmission and/or storage of aeronautical data and digital data sets.</p> <p><i>Note.— Detailed specifications concerning digital data error detection techniques are contained in the PANS-AIM (Doc 10066).</i></p>	ADR.OP S.A.025 of Reg (EU) 139/2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		It will become applicable as of 27 January 2022

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
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				Annex Standard or Recommended Practice						

2.2.1	<p>2.2 Heliport reference point</p> <p>2.2.1 A heliport reference point shall be established for a heliport not collocated with an aerodrome.</p> <p><i>Note.— When the heliport is collocated with an aerodrome, the established aerodrome reference point serves both aerodrome and heliport.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139, where establishment of a heliport reference point is not required. Art. 2 para (e)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

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2.2.2	2.2.2 The heliport reference point shall be located near the initial or planned geometric centre of the heliport and shall normally remain where first established.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
2.2.3	2.2.3 The position of the heliport reference point shall be measured and reported to the aeronautical information services authority in degrees, minutes and seconds.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been	CS HPT-DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

									transposed in Regulation (EU) 139/2014	only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
2.3.1	<p>2.3 Heliport elevations</p> <p>2.3.1 The heliport elevation and geoid undulation at the heliport elevation position shall be measured and reported to aeronautical information services to the accuracy of one-half metre or foot.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014.	Subject to review in the following updates of rules.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
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				Annex Standard or Recommended Practice						

2.3.2	<p>2.3.2 The elevation of the TLOF and/or the elevation and geoid undulation of each threshold of the FATO (where appropriate) shall be measured and reported to aeronautical information services to the accuracy of one-half metre or foot.</p> <p><i>Note.— Geoid undulation must be measured in accordance with the appropriate system of coordinates.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014.	Subject to review in the following updates of rules.
2.4.1	<p>2.4 Heliport dimensions and related information</p> <p>2.4.1 The following data shall be measured or described, as appropriate, for each facility provided on a heliport:</p> <p>a) heliport type — surface-level, elevated, shipboard or helideck;</p> <p>b) TLOF — dimensions to the nearest metre or foot, slope, surface type, bearing strength in tonnes (1 000 kg);</p> <p>c) FATO — type of FATO, true bearing to one-hundredth of a degree, designation number (where appropriate), length and width to the nearest metre or foot, slope, surface type;</p> <p>d) safety area — length, width and surface type;</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in the future under RMT.07 22, by Q4/2023 .

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<p>e) helicopter taxiway and helicopter taxi-route — designation, width, surface type;</p> <p>f) apron — surface type, helicopter stands;</p> <p>g) clearway — length, ground profile; and</p> <p>h) visual aids for approach procedures, marking and lighting of FATO, TLOF, helicopter taxiways, helicopter taxi-routes and helicopter stands.</p>									
2.4.2	2.4.2 The geographical coordinates of the geometric centre of the TLOF and/or of each threshold of the FATO (where appropriate) shall be measured and reported to aeronautical information services in degrees, minutes, seconds and hundredths of seconds.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014.	Subject to review in the following updates of rules.
2.4.3	2.4.3 The geographical coordinates of appropriate centre line points of helicopter taxiways and helicopter taxi-routes shall be measured and reported to aeronautical information services in degrees, minutes, seconds and hundredths of seconds.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in the future under RMT.07 22, by

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Q4/2023
2.4.4	2.4.4 The geographical coordinates of each helicopter stand shall be measured and reported to aeronautical information services in degrees, minutes, seconds and hundredths of seconds.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014.	Subject to review in the following updates of rules.
2.4.5	2.4.5 The geographical coordinates of obstacles in Area 2 (the part within the heliport boundary) and in Area 3 shall be measured and reported to the aeronautical information services authority in degrees, minutes, seconds and tenths of seconds. In addition, the top elevation, type, marking and lighting (if any) of obstacles shall be reported to aeronautical information services. <i>Note.— PANS-AIM (Doc 10066), Appendix 8, provides requirements for obstacle data determination in Areas 2 and 3.</i>	ADR.OPS.A.005 of Reg (EU) 139/2014 AMC1 ADR.OPS.A.005(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Reg (EU) 2018/1139	Subject to review in the following updates of rules. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										me to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provisions of Annex 14 Vol II
2.5	<p>2.5 Declared distances</p> <p>The following distances to the nearest metre or foot shall be declared, where relevant, for a heliport:</p> <p>a) take-off distance available;</p> <p>b) rejected take-off distance available; and</p> <p>c) landing distance available.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed in Regulation (EU) 139/2014.	Subject to review in the following updates of rules

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
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				Annex Standard or Recommended Practice						

2.6.1	<p>2.6 Coordination between aeronautical information services and heliport authorities</p> <p>2.6.1 To ensure that aeronautical information services units obtain information to enable them to provide up-to-date pre-flight information and to meet the need for in-flight information, arrangements shall be made between aeronautical information services and heliport authorities responsible for heliport services to report to the responsible aeronautical information services unit, with a minimum of delay:</p> <p>a) information on heliport conditions;</p> <p>b) the operational status of associated facilities, services and navigation aids within their area of responsibility;</p> <p>c) any other information considered to be of operational significance.</p>	ADR.OPS.A. 015 (a) of Reg.(EU) 139/2014. AMC1 ADR.AR.C.0 35(c) para (f).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	Regulation (EU) No 139/2014 does not cover heliports States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
2.6.2	2.6.2 Before introducing changes to the air navigation system, due account shall be taken by the services responsible for such changes of the time needed by the aeronautical information service for the preparation, production and issue of relevant material for promulgation. To ensure timely provision of the	ADR.OPS.A. 015(b)) of Reg. (EU) 139/2014. AMC2 ADR.OPS.A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR	Regulation (EU) No 139/2014 does not

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				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	information to aeronautical information services, close coordination between those services concerned is therefore required.	010 (a),(b)							heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	cover heliports States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
2.6.3	2.6.3 Of a particular importance are changes to aeronautical information that affect charts and/or computer-based navigation systems which qualify to be notified by the aeronautical information regulation and control (AIRAC) system, as specified in Annex 15, Chapter 6. The predetermined, internationally agreed AIRAC effective dates shall be observed by the responsible heliport services when submitting the raw information/data to aeronautical information services.	ADR.OPS.A. 015(c) of Reg. (EU) 139/2014. AMC1 ADR.OPS.A. 015(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in	Regulation (EU) No 139/2014 does not cover heliports States will also have to use their

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				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>Note.— Detailed specifications concerning the AIRAC system are contained in the PANS-AIM (Doc 10066), Chapter 6.</i>								the scope of Regulation (EU) 2018/1139	national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
2.6.4	<p>2.6.4 The heliport services responsible for the provision of raw aeronautical information/data to aeronautical information services shall do that while taking into account accuracy and integrity requirements necessary to meet the needs of the end-user of aeronautical data.</p> <p><i>Note 1.— Specifications concerning the accuracy and integrity classification of heliport-related aeronautical data are contained in the PANS-AIM (Doc 10066), Appendix 1.</i></p> <p><i>Note 2.— Specifications for the issue of a NOTAM and SNOWTAM are contained in Annex 15, Chapter 6 and the PANS-AIM (Doc 10066), Appendices 3 and 4, respectively.</i></p>	ADR.OPS.A. 010(b)) of Reg. (EU) 139/2014. AMC1 ADR.OPS.A. 010 (b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	Regulation (EU) No 139/2014 does not cover heliports States will also have to use their national regulatory framework in order to

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	<p><i>Note 3.— AIRAC information is distributed by aeronautical information services at least 42 days in advance of the AIRAC effective dates with the objective of reaching recipients at least 28 days in advance of the effective date.</i></p> <p><i>Note 4.— The schedule of the predetermined internationally agreed AIRAC common effective dates at intervals of 28 days and guidance for AIRAC use are contained in the Aeronautical Information Services Manual (Doc 8126, Chapter 2).</i></p>									assess compliance with the provision of Annex 14 Vol. II
2.7.1	<p>2.7 Rescue and firefighting</p> <p><i>Note.— See 6.2 for information on rescue and firefighting services.</i></p> <p>2.7.1 Information concerning the level of protection provided at a heliport for helicopter rescue and firefighting purposes shall be made available.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The relevant specifications which apply for aerodromes as well have been transposed as guidance material	The specification will be considered in the future under RMT.07 22, by Q4/2023
2.7.2	<p>2.7.2 Recommendation.— <i>The level of protection normally available at a heliport should be expressed in terms of the category of the rescue and firefighting service as described in 6.2 and in accordance with the types and amounts of extinguishing agents normally available at the heliport.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The relevant specifications which apply for aerodromes as well	The specification will be considered in the future

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				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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									have been transposed as guidance material.	under RMT.07 22, by Q4/2023 .
2.7.3	<p>2.7.3 Changes in the level of protection normally available at a heliport for rescue and firefighting shall be notified to the appropriate aeronautical information services units and, where applicable, air traffic units to enable them to provide the necessary information to arriving and departing helicopters. When such a change has been corrected, the above units shall be advised accordingly.</p> <p><i>Note. — Changes in the level of protection from that normally available at the heliport could result from, but may not be limited to, a change in the availability of extinguishing agent or equipment used to deliver agents, or of personnel used to operate the equipment.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The relevant specifications which apply for aerodromes as well have been transposed as guidance material.	The specification will be considered in the future under RMT.07 22, by Q4/2023 .
2.7.4	<p>2.7.4 Recommendation.— A change should be expressed in terms of the new category of the rescue and firefighting service available at the heliport.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The relevant specifications which apply for aerodromes as well have been transposed as guidance material	The specification will be considered in the future under RMT.07 22, by Q4/2023 .

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3.1.1	<p>CHAPTER 3. PHYSICAL CHARACTERISTICS</p> <p>3.1 Onshore heliports</p> <p><i>Note 1.— The provisions given in this section are based on the design assumption that no more than one helicopter will be in the FATO at the same time.</i></p> <p><i>Note 2.— The design provisions given in this section assume when conducting operations to a FATO in proximity to another FATO, these operations will not be simultaneous. If simultaneous helicopter operations are required, appropriate separation distances between FATOs need to be determined, giving due regard to such issues as rotor downwash and airspace, and ensuring the flight paths for each FATO, defined in Chapter 4, do not overlap. Further guidance on this issue is given in the Heliport Manual (Doc 9261).</i></p> <p><i>Note 3.— The provisions given in this section are common for surface-level heliports and elevated heliports unless otherwise specified.</i></p> <p><i>Note 4.— Guidance on the minimum size for elevated FATO/TLOF in order to permit facilitation of essential operations around the helicopter is given in the Heliport Manual (Doc 9261).</i></p> <p><i>Note 5.— Guidance on structural design to account for the presence on elevated heliports of personnel, snow, freight, and refuelling and firefighting</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the FATO in a different manner. In addition, the current provision apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
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	<p><i>equipment, etc. is given in the Heliport Manual (Doc 9261).</i></p> <p><i>Note 6.— Guidance on siting of a heliport and the location of the various defined areas, with due consideration of the effects of rotor downwash and other aspects of helicopter operations on third parties, is given in the Heliport Manual (Doc 9261).</i></p> <p><i>Final approach and take-off area (FATO)</i></p> <p><i>Note. — Guidance on siting and orientation of the FATO at a heliport to minimize interference of arrival and departure tracks with areas approved for residential use and other noise-sensitive areas close to the heliport is given in the Heliport Manual (Doc 9261).</i></p> <p>3.1.1 A FATO shall:</p> <p>a) provide:</p> <p>1) an area free of obstacles, except for essential objects which because of their function are located on it, and of sufficient size and shape to ensure containment of every part of the design helicopter in the final phase of approach and commencement of take-off in accordance with the intended procedures;</p> <p><i>Note.— Essential objects are visual aids (e.g. lighting) or others (e.g.</i></p>									
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	<p><i>firefighting systems) necessary for safety purposes. For further requirements regarding penetration of a FATO by essential objects, see 3.1.4.</i></p> <p>2) when solid, a surface which is resistant to the effects of rotor downwash; and</p> <p>i) when collocated with a TLOF, is contiguous and flush with the TLOF, has bearing strength capable of withstanding the intended loads and ensures effective drainage; or</p> <p>ii) when not collocated with a TLOF, is free of hazards should a forced landing be required;</p> <p><i>Note.— Resistant implies that effects from rotor downwash neither cause a degradation of the surface nor result in flying debris.</i></p> <p>and</p> <p>b) be associated with a safety area.</p>									
3.1.2	<p>3.1.2 A heliport shall be provided with at least one FATO, which need not be solid.</p> <p><i>Note.— A FATO may be located on or near a runway strip or taxiway strip.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.100 (a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provision does not state the type of the	The specification will be considered in

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				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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									surface of the FATO. In addition, the current provision apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	future rulemaking activities. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance
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										e with the provision of Annex 14 Vol II
3.1.3	<p>3.1.3 The minimum dimensions of a FATO shall be:</p> <p>a) where intended to be used by helicopters operated in performance class 1:</p> <p>1) the length of the rejected take-off distance (RTOD) for the required take-off procedure prescribed in the helicopter flight manual (HFM) of the helicopters for which the FATO is intended, or 1.5 Design D, whichever is greater; and</p> <p>2) the width for the required procedure prescribed in the HFM of the helicopters for which the FATO is intended, or 1.5 Design D, whichever is greater;</p> <p>and</p> <p>b) where intended to be used by helicopters operated in performance class 2 or 3, the lesser of:</p> <p>1) an area within which can be drawn a circle of diameter of 1.5 Design D; or</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions define the dimensions of FATO in a different manner. In addition, the current provision apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.

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	<p>2) when there is a limitation on the direction of approach and touchdown, an area of sufficient width to meet the requirement of 3.1.1 a) 1) but not less than 1.5 times the overall width of the design helicopter.</p> <p><i>Note 1.— The RTOD is intended to ensure containment of the helicopter during a rejected take-off. Although some HFMs provide the RTOD, in others the dimension provided is the “minimum demonstrated ... size” (where “...” could be “heliport”, “runway”, “helideck”, etc.) and this may not include helicopter containment. When this is the case, it is necessary to consider sufficient safety area dimensions as well as the dimensions of 1.5·D for the FATO, should the HFM not deliver data. For further guidance see the Heliport Manual (Doc 9261).</i></p> <p><i>Note 2.— Local conditions, such as elevation, temperature and permitted manoeuvring may need to be considered when determining the size of a FATO. Guidance is given in the Heliport Manual (Doc 9261).</i></p>									
3.1.4	3.1.4 Essential objects located in a FATO shall not penetrate a horizontal plane at the FATO elevation by more than 5 cm.	Art 34(5) of Reg (EU) 2018/1139 CS HPT-DSN.B.130 (b)(8), (9)(i)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The objects located in a FATO shall be frangible. The current	The specification will be considered in future rulemaking

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				Annex Standard or Recommended Practice						

									provision applies only for VFR heliports or parts thereof located at aerodromes falling in the scope of Reg (EU) 139/2014	ng activities. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
3.1.5	<p>3.1.5 Recommendation.— <i>When the FATO is solid, the slope should not:</i></p> <p><i>a) except as provided in b) or c) below, exceed 2 per cent in any direction;</i></p> <p><i>b) when the FATO is elongated and intended to be used by helicopters operated in performance class 1, exceed 3 per cent overall, or have a local slope exceeding 5 per cent; and</i></p> <p><i>c) when the FATO is elongated and intended to be used solely by helicopters operated in performance class 2 or 3, exceed 3 per cent overall, or have a local slope exceeding 7 per cent.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.100 (c)(4)(v), (c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.	The specification foresees a mean slope of 3% for all FATOs. The current provision apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014. The specifica

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										tion will be considered in future rulemaking activities. . Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rk in order to assess compliance with the provision of Annex 14 Vol II
3.1.6	<p>3.1.6 Recommendation.— <i>The FATO should be located so as to minimize the influence of the surrounding environment, including turbulence, which could have an adverse impact on helicopter operations.</i></p> <p><i>Note.</i>— <i>Guidance on determining the influence of turbulence is given in the Heliport Manual (Doc 9261). If turbulence mitigating design measures are warranted but not practical, operational limitations may need to be considered under certain wind conditions.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.100 (b) (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Annex 14 Vol. II
3.1.7	3.1.7 A FATO shall be surrounded by a safety area which need not be solid.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130 (a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope.	

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II	
3.1.8	<p>Safety areas</p> <p>3.1.8 A safety area shall provide:</p> <p>a) an area free of obstacles, except for essential objects which because of their function are located on it, to compensate for manoeuvring errors; and</p> <p>b) when solid, a surface which is contiguous and flush with the FATO, is resistant to the effects of rotor downwash and ensures effective drainage.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the characteristics of the safety area in a different manner. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									the scope of Regulation (EU) 139/2014	
3.1.9	3.1.9 The safety area surrounding a FATO shall extend outwards from the periphery of the FATO for a distance of at least 3 m or 0.25 Design D, whichever is greater (see Figure 3-1).	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130(b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the dimensions of the safety area in a different manner. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.1.10	3.1.10 No mobile object shall be permitted in a safety area during helicopter operations.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130 (b)(7)(8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation	

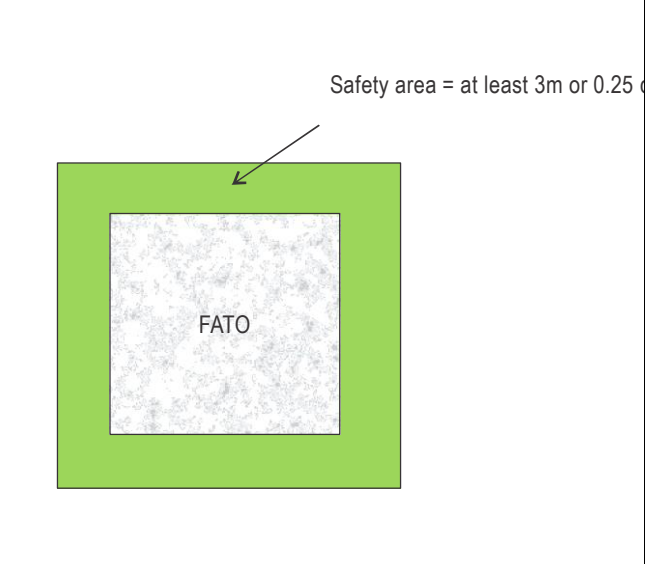
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									(EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II	
3.1.11	3.1.11 Essential objects located in the safety area shall not penetrate a surface originating at the edge of the FATO at a height of 25 cm above the plane of the	Art. 34(5) of Reg.(EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the	The specifica tion will be

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	FATO sloping upwards and outwards at a gradient of 5 per cent.	DSN.B.130 (b)(9)							presence of objects in the safety area in a different manner. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	considered in future rulemaking activities. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
3.1.12	<p>3.1.12 Recommendation.— <i>When solid, the slope of the safety area should not exceed an upward slope of 4 per cent outwards from the edge of the FATO.</i></p> 	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130 (b)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been updated. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	Figure 3-1. FATO and associated safety area									on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provision of Annex 14 Vol. II
3.1.13	<p>Protected side slope</p> <p>3.1.13 A heliport shall be provided with at least one protected side slope, rising at 45 degrees from the edge of the safety area and extending to a distance of 10 m (see Figure 3-2).</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130 (b)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014	The specification will be considered in future rulemaking activities. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.1.14	3.1.14 Recommendation. — <i>A heliport should be provided with at least two protected side slopes, rising at 45 degrees outward from the edge of the safety area and extending to a distance of 10 m.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.130 (b)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the presence of objects in the safety area in a different manner. In addition, the current provisions apply only	The current provisions do not foresee providing more than one protected side slope. The specifica

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									for VFR heliports located at aerodrome s falling in the scope of Regulation (EU) 139/2014.	tion will be consider ed in future rulemaki ng activitie s. The current provisio ns apply only for VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 139/201 4. Art 2 para (e) of Reg (EU) 2018/11 39
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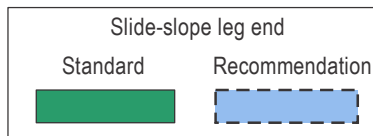
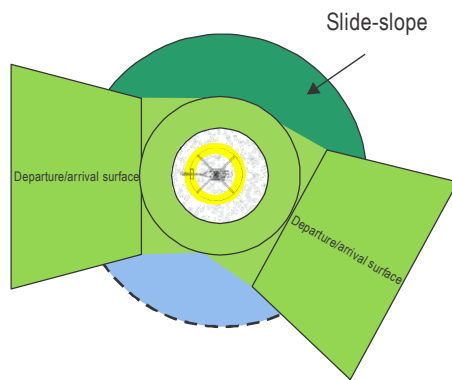
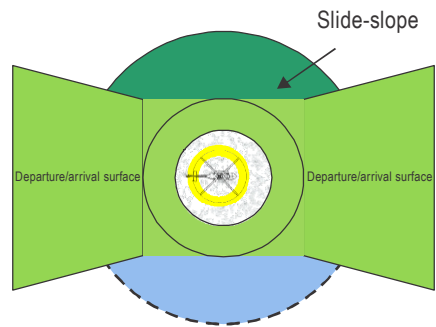
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.1.15	3.1.15 The surface of a protected side slope shall not be penetrated by obstacles.	Art 34(5) of Reg. (EU)2018/11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The existing specificati	The specification will

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

		39 and CS HPT-DSN.B.130 (b)(6)							on foresees the possibility or penetration of the surface under certain conditions. In addition, the current provision applies only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	be considered in future rulemaking activities. Art 2 para (e) of Reg (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									



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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note.— These diagrams show a number of configurations of FATO/safety areas/side slopes. For a more complex departure/arrival arrangement which consists of: two surfaces that are not diametrically opposed; more than two surfaces; or an extensive obstacle-free sector which abuts directly to the FATO, it can be seen that appropriate provisions are necessary to ensure that there are no obstacles between the FATO and/or safety area and the departure/arrival surfaces.</i></p> <p>Figure 3-2. FATO simple/complex safety area and side slope protection</p>									
3.1.16	<p>Helicopter clearways</p> <p><i>Note.— The inclusion of detailed specifications for helicopter clearways in this section is not intended to imply that a clearway has to be provided.</i></p> <p>3.1.16 A helicopter clearway shall provide:</p> <p>a) an area free of obstacles, except for essential objects which because of their function are located on it, and of sufficient size and shape to ensure containment of the design helicopter when it is accelerating in level flight, and close to the surface, to achieve its safe climbing speed; and</p> <p>b) when solid, a surface which is contiguous and flush with the FATO, is resistant to the effects of rotor downwash and is free of hazards should a forced landing be required.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									(EU) 139/2014.	
3.1.17	3.1.17 When a helicopter clearway is provided, it shall be located beyond the end of the FATO.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.110(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.18	3.1.18 Recommendation. — <i>The width of a helicopter clearway should not be less than that of the FATO and associated safety area (see Figure 3-1).</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.110 (b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification will be considered in

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.19	3.1.19 Recommendation. — <i>When solid, the ground in a helicopter clearway should not project above a plane having an overall upward slope of 3 per cent, or having a local upward slope exceeding 5 per cent, the</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provision contains a	The specification will be

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>lower limit of this plane being a horizontal line which is located on the periphery of the FATO.</i>	DSN.B.110(b)(2)							single slope.	considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

3.1.20	3.1.20 Recommendation. — <i>An object situated in a helicopter clearway, which may endanger helicopters in the air, should be regarded as an obstacle and should be removed.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.110(b)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.21	<p><i>Touchdown and lift-off area (TLOF)</i></p> <p>3.1.21 A TLOF shall:</p> <p>a) provide:</p> <p>1) an area free of obstacles and of sufficient size and shape to ensure containment of the</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>undercarriage of the most demanding helicopter the TLOF is intended to serve in accordance with the intended orientation;</p> <p>2) a surface which:</p> <p>i) has sufficient bearing strength to accommodate the dynamic loads associated with the anticipated type of arrival of the helicopter at the designated TLOF;</p> <p>ii) is free of irregularities that would adversely affect the touchdown or lift-off of helicopters;</p> <p>iii) has sufficient friction to avoid skidding of helicopters or slipping of persons; and</p> <p>iv) is resistant to the effects of rotor downwash;</p> <p>v) ensures effective drainage while having no adverse effect on the control or stability of a helicopter during touchdown and lift-off, or when stationary;</p> <p>and</p> <p>b) be associated with a FATO or a stand.</p>								<p>addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.</p>	<p>ng activities.</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

3.1.22	3.1.22 A heliport shall be provided with at least one TLOF.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.120 (a)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.23	3.1.23 A TLOF shall be provided whenever it is intended that the undercarriage of the helicopter will touch down within a FATO or stand, or lift off from a FATO or stand.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.120 (a)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The TLOF shall be provided regardless if the undercarriage of the helicopter	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									is intended to touch down or lift-off from a FATO or stand	ng activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.24	<p>3.1.24 The minimum dimensions of a TLOF shall be:</p> <p>a) when in a FATO intended to be used by helicopters operated in performance class 1, the dimensions for the required procedure prescribed in the</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.120 (b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions states to contain a circle	The specification will be considered in

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>HFM of the helicopters for which the TLOF is intended; and</p> <p>b) when in a FATO intended to be used by helicopters operated in performance class 2 or 3, or in a stand:</p> <p>1) when there is no limitation on the direction of touchdown, of sufficient size to contain a circle of diameter of at least 0.83 D of:</p> <p>i) in a FATO, the design helicopter; or</p> <p>ii) in a stand, the largest helicopter the stand is intended to serve; and</p> <p>2) when there is a limitation on the direction of touchdown, of sufficient width to meet the requirement of 3.1.21 a) 1) but not less than twice the undercarriage width (UCW) of:</p> <p>i) in a FATO, the design helicopter; or</p> <p>ii) in a stand, the most demanding helicopter the stand is intended to serve.</p>								<p>diameter of at least 0.83D, regardless the performance class of the helicopters which are intending to use the TLOF. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains</p>	<p>future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.25	3.1.25 For an elevated heliport, the minimum dimensions of a TLOF, when in a FATO, shall be of sufficient size to contain a circle of diameter of at least 1 Design D.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not	The specification will be

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									been transposed.	consider ed in future rulemaki ng activitie s. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										order to assess compliance with the provision of Annex 14 Vol. II
3.1.26	<p>3.1.26 Recommendation.— <i>The slope on a TLOF should not:</i></p> <p>a) <i>except as provided in b) or c) below, exceed 2 per cent in any direction;</i></p> <p>b) <i>when the TLOF is elongated and intended to be used by helicopters operated in performance class 1, exceed 3 per cent overall, or have a local slope exceeding 5 per cent; and</i></p> <p>c) <i>when the TLOF is elongated and intended to be used solely by helicopters operated in performance class 2 or 3, exceed 3 per cent overall, or have a local slope exceeding 7 per cent.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.B.120 (b)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The current specification contains stricter slope characteristics. In addition, the current provision applies only for VFR heliports or parts thereof located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 139/2014. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol. II. The specification will be considered in future rulemaking activities.
3.1.27	<p>3.1.27 Recommendation.— <i>When a TLOF is within a FATO, it should be:</i></p> <p>a) <i>centred on the FATO; or</i></p> <p>b) <i>for an elongated FATO, centred on the longitudinal axis of the FATO.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139; CS HPT-DSN.B.120 (b)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS does not foresee to centre the TLOF on the FATO or on the longitudinal

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										inal axis of the FATO for an elongate d one. In addition, the current provisio n applies only for VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 139/201 4, Art. 2 para (e) of Regulati on (EU) 2018/11
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol. II. The specifica
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										tion will be considered in future rulemaking activities.
3.1.28	3.1.28 When a TLOF is within a helicopter stand, it shall be centred on the stand.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

3.1.29	<p>3.1.29 A TLOF shall be provided with markings which clearly indicate the touchdown position and, by their form, any limitations on manoeuvring.</p> <p><i>Note.— When a TLOF in a FATO is larger than the minimum dimensions, the touchdown/positioning marking (TDPM) may be offset while ensuring containment of the undercarriage within the TLOF and the helicopter within the FATO.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address the provision of markings which indicate limitations on manoeuvring.. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.30	3.1.30 Recommendation. — <i>Where an elongated performance class 1 FATO/TLOF contains more than one TDPM, measures should be in place to ensure that only one can be used at a time.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									Regulation (EU) 139/2014.	
3.1.31	<p>3.1.31 Recommendation.— <i>Where alternative TDPMs are provided, they should be placed to ensure containment of the undercarriage within the TLOF and the helicopter within the FATO.</i></p> <p><i>Note.</i>— <i>The efficacy of the rejected take-off or landing distance will be dependent upon the helicopter being correctly positioned for take-off or landing.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
3.1.32	3.1.32 Safety devices such as safety nets or safety shelves shall be located around the edge of an elevated heliport but shall not exceed the height of the TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ng activitie s. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provision of Annex 14 Vol. II.
3.1.33	<p>Helicopter taxiways and taxi-routes</p> <p><i>Note 1.— The specifications for ground taxi-routes and air taxi-routes are intended for the safety of simultaneous operations during the manoeuvring of helicopters. The effect of wind velocity/turbulence induced by rotor downwash would need to be considered.</i></p> <p><i>Note 2.— The defined areas addressed in this section are:</i></p> <p><i>a) taxiways associated with air taxi-routes which may be used by both wheeled and skidded helicopters for either ground or air taxiing;</i></p> <p><i>b) ground taxi-routes which are meant for use by wheeled helicopters for ground taxiing only; and</i></p> <p><i>c) air taxi-routes which are meant for use by air taxiing only.</i></p> <p>Helicopter taxiways</p> <p><i>Note 1.— A helicopter taxiway is intended to permit the surface movement of a wheeled helicopter under its own power.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.200 (b)(1);(2);(3); (4) CS HPT-DSN .C.210 (b)(1);(2);(3); (4);(5);(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address this specification in a different manner. The resistance to the effects of rotor downwash is not prescribed. In addition, the current provisions apply only for VFR heliports or parts thereof located at	The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p><i>Note 2.— A helicopter taxiway may be used by a wheeled helicopter for air taxi if associated with a helicopter air taxi-route.</i></p> <p><i>Note 3.— When a taxiway is intended for use by aeroplanes and helicopters, the provisions for aeroplane taxiways, taxiway strips, helicopter taxiways and taxi-routes will be taken into consideration and the more stringent requirements will be applied.</i></p> <p>3.1.33 A helicopter taxiway shall:</p> <p>a) provide:</p> <p>1) an area free of obstacles and of sufficient width to ensure containment of the undercarriage of the most demanding wheeled helicopter the taxiway is intended to serve;</p> <p>2) a surface which:</p> <p>i) has bearing strength to accommodate the taxiing loads of the helicopters the taxiway is intended to serve;</p> <p>ii) is free of irregularities that would adversely affect the ground taxiing of helicopters; and</p> <p>iii) is resistant to the effects of rotor downwash;</p>								aerodromes falling in the scope of Regulation (EU) 139/2014.	scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>iv) ensures effective drainage while having no adverse effect on the control or stability of a wheeled helicopter when being manoeuvred under its own power, or when stationary;</p> <p>and</p> <p>b) be associated with a taxi-route.</p>									
3.1.34	<p>3.1.34 The minimum width of a helicopter taxiway shall be the lesser of:</p> <p>a) twice the UCW of the most demanding helicopter the taxiway is intended to serve; or</p> <p>b) a width meeting the requirements of 3.1.33 a) 1).</p>	<p>Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.200 (b)(1) CS HPT-DSN.C.210(b)(1)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The current provisions address this specification in a different manner. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of</p>	<p>The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									Regulation (EU) 139/2014.	for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.35	3.1.35 Recommendation. — <i>The transverse slope of a taxiway should not exceed 2 per cent and the longitudinal slope should not exceed 3 per cent.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.200 (b)(2);(9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only for ground taxiways associated

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ed to ground taxi- routes. For air taxiways the slopes are greater as expresse d in CS HPT- DSN.C. 210 (b)(4) and (5). In addition, the current provisio ns apply only for VFR heliports or parts thereof located at aerodro mes
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										falling in the scope of Regulation (EU) 139/2014. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										order to assess compliance with the provision of Annex 14 Vol. II. The specification will be considered in future rulemaking activities.
3.1.36	<p><i>Helicopter taxi-routes</i></p> <p>3.1.36 A helicopter taxi-route shall provide:</p> <p>a) an area free of obstacles, except for essential objects which because of their function are located on it, established for the movement of helicopters; of sufficient width to ensure containment of the largest helicopter the taxi-route is intended to serve; and</p> <p>b) when solid, a surface which is resistant to the effects of rotor downwash; and</p>	<p>Art. 34(5) of Reg. 2018/1139 and CS HPT-DSN.C.200 (b)(5);(6);(8); (9);(10);(11) CS HPT-DSN.C.210 (b)(7), (8), (10), (11),</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address this specification in a different manner. Points (b)(1)(i), (ii) and	The specification will be considered in future rulemaking activities. Art. 2 para (e)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>1) when collocated with a taxiway:</p> <p>i) is contiguous and flush with the taxiway;</p> <p>ii) does not present a hazard to operations; and</p> <p>iii) ensures effective drainage; and</p> <p>2) when not collocated with a taxiway, is free of hazards should a forced landing be required.</p>	(12), (13)							(b)(2) are addressed in the current specifications. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol. II.
3.1.37	<p>3.1.37 No mobile object shall be permitted on a taxi-route during helicopter operations.</p> <p><i>Note.— See the Heliport Manual (Doc 9261) for further guidance.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.200 (b) (7) CS HPT-DSN.C.210 (b)(9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139.	The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.38	3.1.38 Recommendation. — <i>When solid and collocated with a taxiway, the taxi-route should not exceed an upward transverse slope of 4 per cent outwards from the edge of the taxiway.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports

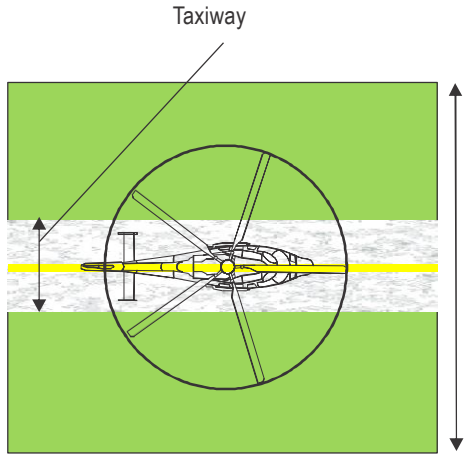
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014. The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.39	Helicopter ground taxi-routes 3.1.39 A helicopter ground taxi-route shall have a minimum width of 1.5 times the overall width of the largest helicopter it is intended to serve, and be centred on a taxiway. (See Figure 3-3.)	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.200 (b)(4), (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions apply only for VFR heliports or	es. Art. 2 para (e) of Regulation (EU) 2018/1139

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	 <p>Figure 3-3. Helicopter taxiway/ground taxi-route</p>									parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.40	3.1.40 Essential objects located in a helicopter ground taxi-route shall not:	Art. 34(5) of Reg. (EU) 2018/1139	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>a) be located at a distance of less than 50 cm outwards from the edge of the helicopter taxiway; and</p> <p>b) penetrate a surface originating 50 cm outwards of the edge of the helicopter taxiway and a height of 25 cm above the surface of the taxiway and sloping upwards and outwards at a gradient of 5 per cent.</p>	and CS HPT-DSN.C.200 (b)(8)							only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II
3.1.41	<p>Helicopter air taxi-routes</p> <p><i>Note.— A helicopter air-taxi route is intended to permit the movement of a helicopter above the surface at a height normally associated with ground effect and at ground speed less than 37 km/h (20 kt).</i></p> <p>3.1.41 A helicopter air taxi-route shall have a minimum width of twice the overall width of the largest helicopter it is intended to serve.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.210 (b)(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions apply only for VFR heliports or parts thereof located at aerodrome	Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									s falling in the scope of Regulation (EU) 139/2014..	be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.42	3.1.42 If collocated with a taxiway for the purpose of permitting both ground and air taxi operations (see Figure 3-4): a) the helicopter air taxi-route shall be centred on the taxiway; and	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.C.210(b)(6);(10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The distance for locating the objects in the air-taxi route	Art. 2 para (e) of Regulation (EU) 2018/1139

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>b) essential objects located in the helicopter air taxi-route shall not:</p> <p>1) be located at a distance of less than 50 cm outwards from the edge of the helicopter taxiway; and</p> <p>2) penetrate a surface originating 50 cm outwards of the edge of the helicopter taxiway and a height of 25 cm above the surface of the taxiway and sloping upwards and outwards at a gradient of 5 per cent.</p>								should not be less than 1 m. Furthermore, ground taxiing is allowed on ground taxi-routes. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.43	3.1.43 Recommendation. — <i>When not collocated with a taxiway, the slopes of the surface of an air taxi-route should not exceed the slope landing</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification is

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

limitations of the helicopters the taxi-route is intended to serve. In any event, the transverse slope should not exceed 10 per cent and the longitudinal slope should not exceed 7 per cent.

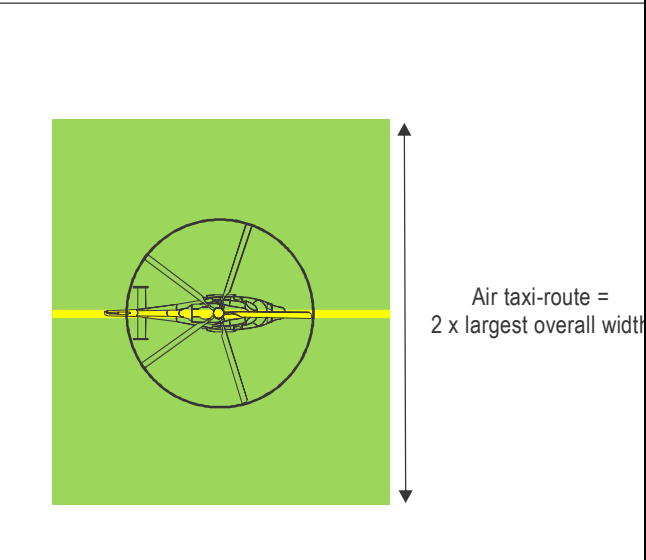


Figure 3-4. Helicopter air taxi-route and combined air taxi-route/taxiway

not addressed. The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol. II
3.1.44	<p>Helicopter stands</p> <p><i>Note.— The provisions of this section do not specify the location for helicopter stands but allow a high degree of flexibility in the overall design of the heliport. However, it is not considered good practice to locate helicopter stands under a flight path. See the Heliport Manual (Doc 9261) for further guidance.</i></p> <p>3.1.44 A helicopter stand shall:</p> <p>a) provide:</p> <p>1) an area free of obstacles and of sufficient size and shape to ensure containment of every part of the largest helicopter the stand is intended to serve when it is being positioned within the stand;</p> <p>2) a surface which:</p> <p>i) is resistant to the effects of rotor downwash;</p> <p>ii) is free of irregularities that would adversely affect the manoeuvring of helicopters;</p> <p>iii) has bearing strength capable of withstanding the intended loads;</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the characteristics of stands in a different manner but they do not address resistance to the effects of rotor downwash, being free of irregularities and having enough friction to avoid skidding of helicopters and persons. In	The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>iv) has sufficient friction to avoid skidding of helicopters or slipping of persons; and</p> <p>v) ensures effective drainage while having no adverse effect on the control or stability of a wheeled helicopter when being manoeuvred under its own power, or when stationary;</p> <p>and</p> <p>b) be associated with a protection area.</p>								addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
3.1.45	<p>3.1.45 The minimum dimensions of a helicopter stand shall be:</p> <p>a) a circle of diameter of 1.2 D of the largest helicopter the stand is intended to serve; or</p> <p>b) when there is a limitation on manoeuvring and positioning, of sufficient width to meet the requirement of 3.1.44 a) 1) but not less 1.2 times overall width of largest helicopter the stand is intended to serve.</p> <p><i>Note 1.— For a helicopter stand intended to be used for taxi-through only, a width less than 1.2 D but which provides containment and still permits all required</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300 (a)(4);(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the characteristics of stands in a different manner. In addition, the current provisions apply only for VFR heliports or	The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU)

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p><i>functions of a stand to be performed, might be used (in accordance with 3.1.44 a) 1)).</i></p> <p><i>Note 2.— For a helicopter stand intended to be used for turning on the ground, the minimum dimensions may be influenced by the turning circle data provided by the manufacturer and are likely to exceed 1.2 D. See the Heliport Manual (Doc 9261) for further guidance.</i></p>								parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014.	2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol. II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

3.1.46	3.1.46 Recommendation. — <i>The mean slope of a helicopter stand in any direction should not exceed 2 per cent.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300(a) (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The current provisions address the characteristics of stands in a different manner. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/201
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										4. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess compliance with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol. II. The specification will be considered in future rulemaking activities.
3.1.47	3.1.47 Each helicopter stand shall be provided with positioning markings to clearly indicate where the helicopter is to be positioned and, by their form, any limitations on manoeuvring.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current specifications addresses the characteristics of the stands in a different manner. In addition, the current provisions apply only for VFR heliports or parts thereof	The specification will be considered in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									located at aerodrome s falling in the scope of Regulation (EU) 139/2014.	that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess compliance with the provisio n of Annex 14 Vol. II.
3.1.48	3.1.48 A stand shall be surrounded by a protection area which need not be solid.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address the characteris	The specifica tion will be consider

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

		DSN.D.300(a)(5), (7).							tics of stands in a different manner. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014..	ed in future rulemaking activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol. II.
3.1.49	<p>Protection areas</p> <p>3.1.49 A protection area shall provide:</p> <p>a) an area free of obstacles, except for essential objects which because of their function are located on it; and</p> <p>b) when solid, a surface which is contiguous and flush with the stand, is resistant to the effects of rotor downwash and ensures effective drainage.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking activities.
3.1.50	3.1.50 When associated with a stand designed for turning, the protection area shall extend outwards from the periphery of the stand for a distance of 0.4 D (see Figure 3.5).	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300(a)(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										14 Vol. II.
3.1.51	3.1.51 When associated with a stand designed for taxi-through, the minimum width of the stand and protection area shall not be less than the width of the associated taxi-route (see Figures 3.6 and 3.7).	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300(a)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139,

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
3.1.52	<p>3.1.52 When associated with a stand designed for non-simultaneous use (see Figures 3.8 and 3.9):</p> <p>a) the protection area of adjacent stands may overlap but shall not be less than the required protection area for the larger of the adjacent stands; and</p> <p>b) the adjacent non-active stand may contain a static object but it shall be wholly within the boundary of the stand.</p> <p><i>Note.— To ensure that only one of the adjacent stands is active at a time, instruction to pilots in the AIP make clear that a limitation on the use of the stands is in force.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300(a)(6);(7);(8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions address point (a) of the SARP in a different manner and point (b) is not transposed. In addition, the current provisions	The specification will be considered in future rulemaking activities. Further information in GM1 HPT-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									apply only for VFR heliports or parts thereof located at aerodrome s falling in the scope of Regulation (EU) 139/2014.	DSN.D. 300 para (b). Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										nce with the provision of Annex 14 Vol. II
3.1.53	3.1.53 No mobile object shall be permitted in a protection area during helicopter operations.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300(a)(12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
3.1.54	<p>3.1.54 Essential objects located in the protection area shall not:</p> <p>a) if located at a distance of less than 0.75 D from the centre of the helicopter stand, penetrate a surface at a height of 5 cm above the surface of the central zone; and</p> <p>b) if located at a distance of 0.75 D or more from the centre of the helicopter stand, penetrate a surface at a height of 25 cm above the plane of the central</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.D.300(a)(13),(14)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.The maximum height of the objects is restricted to 5 cm	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	zone and sloping upwards and outwards at a gradient of 5 per cent.									at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol. II.
3.1.55	<p>3.1.55 Recommendation.— <i>When solid, the slope of a protection area should not exceed an upward slope of 4 per cent outwards from the edge of the stand.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	The specification will be considered in future rulemaking activities.
3.1.56	<p>Location of a FATO in relation to a runway or taxiway</p> <p>3.1.56 Where a FATO is located near a runway or taxiway, and where simultaneous operations are planned, the separation distance between the edge of a runway or taxiway and the edge of a FATO shall not be less than the appropriate dimension in Table 3-1.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material GM1 HPT-	CS HPT-DSN applies only to surface-level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									DSN.B.10 0 (a).	or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II The table 3-1 refers to FATO minimum separation distance for simultaneous operations.
3.1.57	3.1.57 Recommendation. — <i>A FATO should not be located:</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

<div><div>a) near taxiway intersections or holding points where jet engine efflux is likely to cause high turbulence; or</div><div>b) near areas where aeroplane vortex wake generation is likely to exist.</div></div> <div>Table 3-1. FATO minimum separation distance for simultaneous operations</div> <table><thead><tr><th>If aeroplane mass and/or helicopter mass are</th><th>Distance between FATO edge and runway edge or taxiway edge</th></tr></thead><tbody><tr><td>up to but not including 3 175 kg</td><td>60 m</td></tr><tr><td>3 175 kg up to but not including 5 760 kg</td><td>120 m</td></tr><tr><td>5 760 kg up to but not including 100 000 kg</td><td>180 m</td></tr><tr><td>100 000 kg and over</td><td>250 m</td></tr><tr><td colspan="2"></td></tr></tbody></table>	If aeroplane mass and/or helicopter mass are	Distance between FATO edge and runway edge or taxiway edge	up to but not including 3 175 kg	60 m	3 175 kg up to but not including 5 760 kg	120 m	5 760 kg up to but not including 100 000 kg	180 m	100 000 kg and over	250 m											been transposed as guidance material GM1 HPT-DSN.B. 100 (b). CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para
	If aeroplane mass and/or helicopter mass are	Distance between FATO edge and runway edge or taxiway edge																			
	up to but not including 3 175 kg	60 m																			
	3 175 kg up to but not including 5 760 kg	120 m																			
	5 760 kg up to but not including 100 000 kg	180 m																			
	100 000 kg and over	250 m																			

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

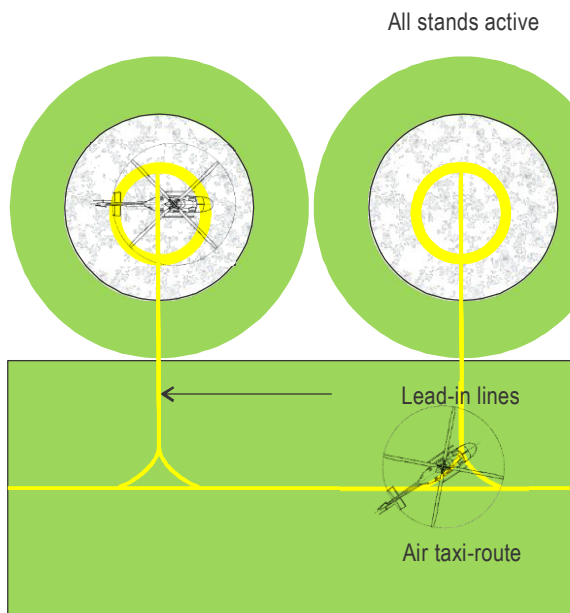


Figure 3-5. Turning stands (with air taxi-routes) — simultaneous use

(e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

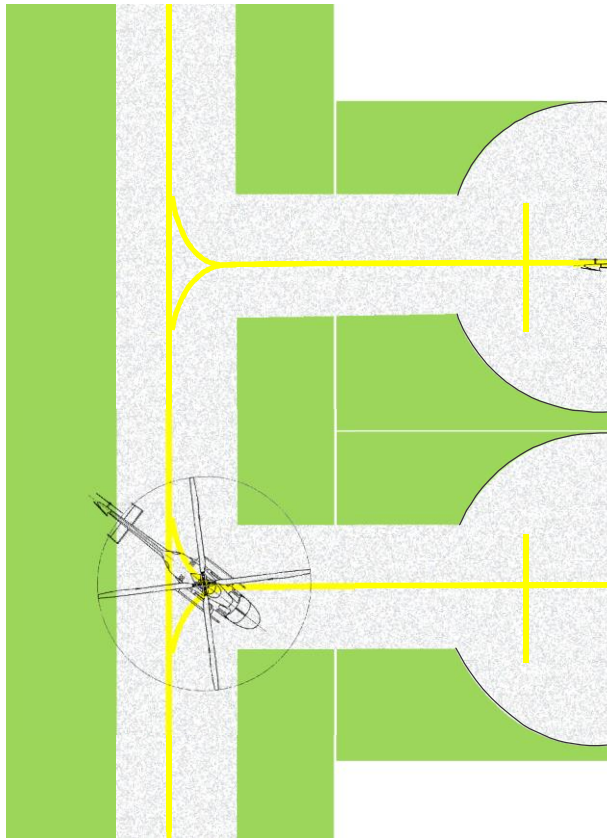


Figure 3-6. Ground taxi-through stands

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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	(with taxiway/ground taxi-route) simultaneous use									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

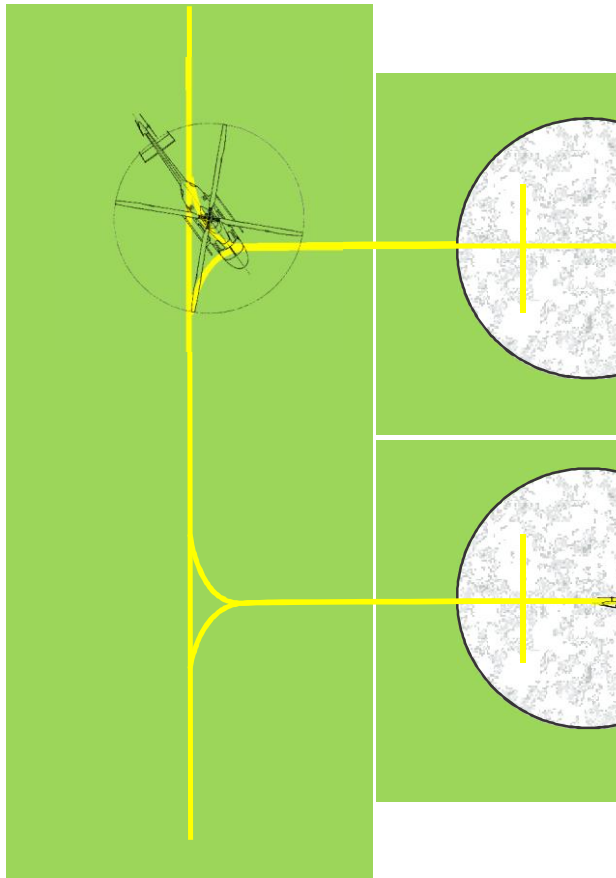


Figure 3-7. Air taxi-through stands

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	(with air taxi-route) simultaneous use									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

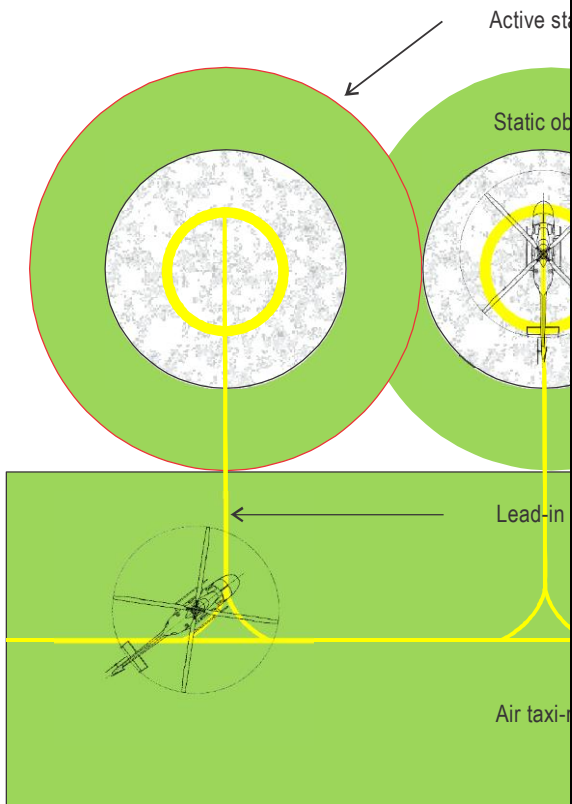


Figure 3-8. Turning stands (with air taxi-routes)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	non-simultaneous use — outer stands active									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

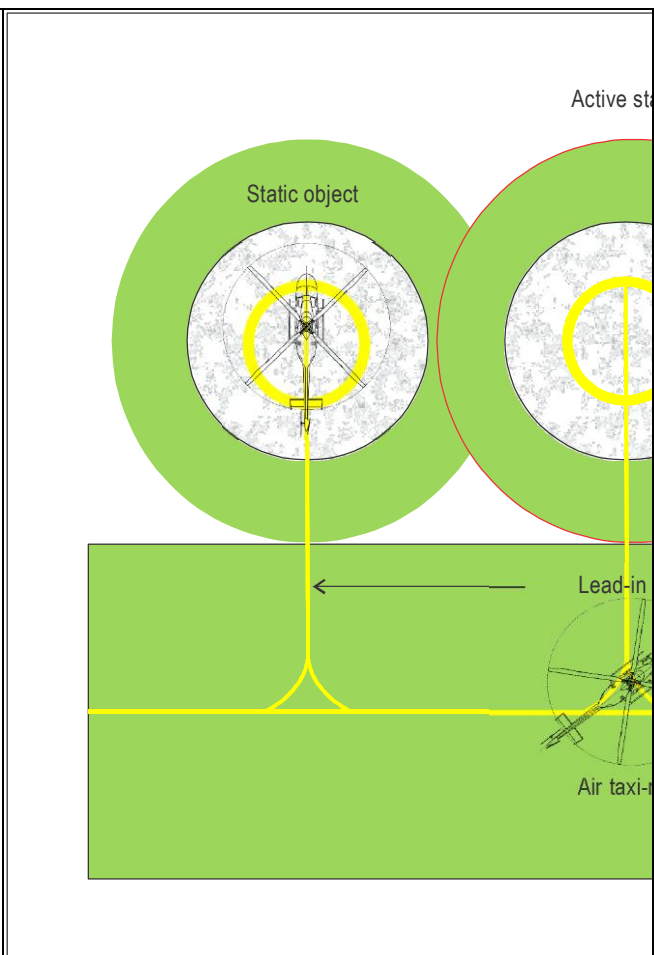


Figure 3-9. Turning stands (with air taxi-route)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	non-simultaneous use — inner stand active									
3.2.1	<p>3.2 Helidecks</p> <p><i>Note.— The following specifications are for helidecks located on structures engaged in such activities as mineral exploitation, research or construction. See 3.4 for shipboard heliport provisions.</i></p> <p>FATOs and TLOFs</p> <p><i>Note 1.— For helidecks that have a 1 D or larger FATO it is presumed that the FATO and the TLOF will always occupy the same space and have the same load bearing characteristics so as to be coincidental. For helidecks that are less than 1 D, the reduction in size is only applied to the TLOF which is a load bearing area. In this case, the FATO remains at 1 D but the portion extending beyond the TLOF perimeter need not be load bearing for helicopters. The TLOF and the FATO may be assumed to be collocated.</i></p> <p><i>Note 2.— Guidance on the effects of airflow direction and turbulence, prevailing wind velocity and high temperatures from gas turbine exhausts or flare-radiated heat on the location of the FATO is given in the Heliport Manual (Doc 9261).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p><i>Note 3.— Guidance on the design and markings for helideck parking areas is given in the Heliport Manual (Doc 9261).</i></p> <p>3.2.1 The specifications in paragraphs 3.3.14 and 3.3.15 shall be applicable for helidecks completed on or after 1 January 2012.</p>									criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.2	3.2.2 A helideck shall be provided with one FATO and one coincident or collocated TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been	CS HPT-DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									transposed	only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.3	3.2.3 A FATO may be any shape but shall be of sufficient size to contain an area within which can be accommodated a circle of diameter of not less than 1 D of the largest helicopter the helideck is intended to serve.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.4	<p>3.2.4 A TLOF may be any shape but shall be of sufficient size to contain:</p> <p>a) for helicopters with an MTOM of more than 3 175 kg, an area within which can be accommodated a circle of diameter not less than 1 D of the largest helicopter the helideck is intended to serve; and</p> <p>b) for helicopters with an MTOM of 3 175 kg or less, an area within which can be accommodated a circle of diameter not less than 0.83 D of the largest helicopter the helideck is intended to serve.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
3.2.5	3.2.5 Recommendation. — <i>For helicopters with a MTOM of 3 175 kg or less, the TLOF should be of sufficient size to contain an area within which can be accommodated a circle of diameter of not less than 1 D of the largest helicopter the helideck is intended to serve.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigin- ificant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.6	3.2.6 A helideck shall be arranged to ensure that a sufficient and unobstructed air-gap is provided which encompasses the full dimensions of the FATO.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note.— Specific guidance on the characteristics of an air-gap is given in the Heliport Manual (Doc 9261). As a general rule, except for shallow superstructures of three stories or less, a sufficient air-gap will be at least 3 m.</i></p>								been transposed	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.7	3.2.7 Recommendation. — <i>The FATO should be located so as to avoid, as far as is practicable, the influence of environmental effects, including turbulence, over the FATO, which could have an adverse impact on helicopter operations.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.8	3.2.8 The TLOF shall be dynamic load-bearing.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provision of Annex 14 Vol II
3.2.9	3.2.9 The TLOF shall provide ground effect.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

3.2.10	3.2.10 No fixed object shall be permitted around the edge of the TLOF except for frangible objects, which, because of their function, must be located thereon.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.11	3.2.11 For any TLOF 1 D or greater and any TLOF designed for use by helicopters having a D-value of greater than 16.0 m, objects installed in the obstacle-free sector whose function requires them to be located on the edge of the TLOF shall not exceed a height of 25 cm.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.12	<p>3.2.12 Recommendation.— <i>For any TLOF 1 D or greater and any TLOF designed for use by helicopters having a D-value of greater than 16.0 m, objects installed in the obstacle-free sector whose function requires them to be located on the edge of the TLOF should be as low as possible and in any case not exceed a height of 15 cm.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										assess compliance with the provision of Annex 14 Vol II
3.2.13	<p>3.2.13 For any TLOF designed for use by helicopters having a D-value of 16.0 m or less, and any TLOF having dimensions of less than 1 D, objects installed in the obstacle-free sector whose function requires them to be located on the edge of the TLOF, shall not exceed a height of 5 cm.</p> <p><i>Note.— Lighting that is mounted at a height of less than 25 cm is typically assessed for adequacy of visual cues before and after installation.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

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				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										14 Vol II
3.2.14	<p>3.2.14 Objects whose function requires them to be located within the TLOF (such as lighting or nets) shall not exceed a height of 2.5 cm. Such objects shall only be present if they do not represent a hazard to helicopters.</p> <p><i>Note.— Examples of potential hazards include nets or raised fittings on the deck that might induce dynamic rollover for helicopters equipped with skids.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.15	3.2.15 Safety devices such as safety nets or safety shelves shall be located around the edge of a helideck but shall not exceed the height of the TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-

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				Level of implementation of SARPs						
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										level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope.
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				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.2.16	<p>3.2.16 The surface of the TLOF shall be skid-resistant to both helicopters and persons and be sloped to prevent pooling of water.</p> <p><i>Note.— Guidance on rendering the surface of the TLOF skid-resistant is contained in the Heliport Manual (Doc 9261).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodro

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										rk in order to assess compliance with the provision of Annex 14 Vol II
3.3.1	<p>3.3 Shipboard heliports</p> <p>3.3.1 The specifications in paragraphs 3.3.16 and 3.3.17 shall be applicable to shipboard heliports completed on or after 1 January 2012 and 1 January 2015, respectively.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art.

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nificant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										Annex 14 Vol II
3.3.2	3.3.2 When helicopter operating areas are provided in the bow or stern of a ship or are purpose-built above the ship's structure, they shall be regarded as purpose-built shipboard heliports.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati on has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria

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				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.3	FATOs and TLOFs <i>Note.— Except for the arrangement described in 3.4.8 b), for shipboard heliports it is presumed that the</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been	CS HPT-DSN applies

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
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				Annex Standard or Recommended Practice						

	<p><i>FATO and the TLOF will be coincidental. Guidance on the effects of airflow direction and turbulence, prevailing wind velocity and high temperature from gas turbine exhausts or flare-radiated heat on the location of the FATO is given in the Heliport Manual (Doc 9261).</i></p> <p>3.3.3 A shipboard heliport shall be provided with one FATO and one coincidental or collocated TLOF.</p>								transposed	only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.4	3.3.4 A FATO may be any shape but shall be of sufficient size to contain an area within which can be accommodated a circle of diameter of not less than 1 D of the largest helicopter the heliport is intended to serve.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.5	3.3.5 The TLOF of a shipboard heliport shall be dynamic load-bearing.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
3.3.6	3.3.6 The TLOF of a shipboard heliport shall provide ground effect.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.7	3.3.7 For purpose-built shipboard heliports provided in a location other than the bow or stern, the TLOF shall be of sufficient size to contain a circle with a		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	diameter not less than 1 D of the largest helicopter the heliport is intended to serve.								been transposed	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.8	<p>3.3.8 For purpose-built shipboard heliports provided in the bow or stern of a ship, the TLOF shall be of sufficient size to:</p> <p>a) contain a circle with a diameter not less than 1 D of the largest helicopter the heliport is intended to serve; or</p> <p>b) for operations with limited touchdown directions, contain an area within which can be accommodated two opposing arcs of a circle with a</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>diameter of not less than 1 D in the helicopter's longitudinal direction. The minimum width of the heliport shall be not less than 0.83 D. (See Figure 3-10.)</p> <p><i>Note 1.— The ship will need to be manoeuvred to ensure that the relative wind is appropriate to the direction of the helicopter touchdown heading.</i></p> <p><i>Note 2.— The touchdown heading of the helicopter is limited to the angular distance subtended by the 1 D arc headings, minus the angular distance which corresponds to 15 degrees at each end of the arc.</i></p>									located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.9	3.3.9 For non-purpose-built shipboard heliports, the TLOF shall be of sufficient size to contain a circle with a diameter not less than 1 D of the largest helicopter the heliport is intended to serve.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provisio n of Annex 14 Vol II
3.3.10	<p>3.3.10 A shipboard heliport shall be arranged to ensure that a sufficient and unobstructed air-gap is provided which encompasses the full dimensions of the FATO.</p> <p><i>Note.— Specific guidance on the characteristics of an air-gap is given in the Heliport Manual (Doc 9261). As a general rule, except for shallow superstructures of three stories or less, a sufficient air-gap will be at least 3 m.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati on has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.11	3.3.11 Recommendation. — <i>The FATO should be located so as to avoid, as far as is practicable, the</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati	CS HPT-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<i>influence of environmental effects, including turbulence, over the FATO, which could have an adverse impact on helicopter operations.</i>								on has not been transposed	DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodro
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										me to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.12	3.3.12 No fixed object shall be permitted around the edge of the TLOF except for frangible objects, which, because of their function, must be located thereon.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.13	3.3.13 For any TLOF 1D or greater and any TLOF designed for use by helicopters having a D-value of greater than 16.0 m, objects installed in the obstacle-free sector whose function requires them to be located on the edge of the TLOF shall not exceed a height of 25 cm.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										nce with the provision of Annex 14 Vol II
3.3.14	<p>3.3.14 Recommendation.— <i>For any TLOF 1 D or greater and any TLOF designed for use by helicopters having a D-value of greater than 16.0 m, objects installed in the obstacle-free sector whose function requires them to be located on the edge of the TLOF should be as low as possible and in any case not exceed a height of 15 cm.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
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				Annex Standard or Recommended Practice						

3.3.15	<p>3.3.15 For any TLOF designed for use by helicopters having a D-value of 16.0 m or less, and any TLOF having dimensions of less than 1 D, objects in the obstacle-free sector, whose function requires them to be located on the edge of the TLOF, shall not exceed a height of 5 cm.</p> <p><i>Note.— Lighting that is mounted at a height of less than 25 cm is typically assessed for adequacy of visual cues before and after installation.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.16	3.3.16 Objects whose function requires them to be located within the TLOF (such as lighting or nets) shall not exceed a height of 2.5 cm. Such objects shall only be present if they do not represent a hazard to helicopters.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
3.3.17	3.3.17 Safety devices such as safety nets or safety shelves shall be located around the edge of a shipboard heliport, except where structural protection exists, but shall not exceed the height of the TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

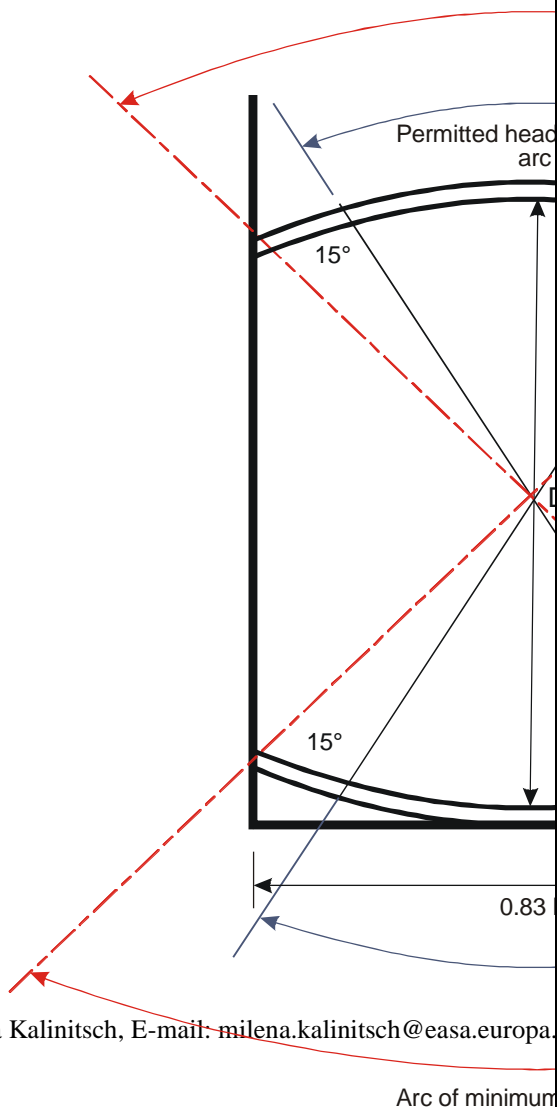
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
3.3.18	3.3.18 The surface of the TLOF shall be skid-resistant to both helicopters and persons.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

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				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
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	Annex Standard or Recommended Practice									

	Figure 3-10. Shipboard permitted landing headings for limited heading operations									14 Vol II
4.1.1	<p>CHAPTER 4. OBSTACLE ENVIRONMENT</p> <p><i>Note.— The objectives of the specifications in this chapter are to describe the airspace around heliports so as to permit intended helicopter operations to be conducted safely and to prevent, where appropriate State controls exist, heliports from becoming unusable by the growth of obstacles around them. This is achieved by establishing a series of obstacle limitation surfaces that define the limits to which objects may project into the airspace.</i></p> <p>4.1 Obstacle limitation surfaces and sectors</p> <p>Approach surface</p> <p>4.1.1 Description. An inclined plane or a combination of planes or, when a turn is involved, a complex surface sloping upwards from the end of the safety area and centred on a line passing through the centre of the FATO.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(a)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	It applies to surface level heliports located at aerodromes falling under the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)

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				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>Note.— See Table 4-1 for dimensions and slopes of surfaces. See Figures 4-1, 4-2, 4-3 and 4-4 for depiction of surfaces.</i>									2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

4.1.2	<p>4.1.2 <i>Characteristics.</i> The limits of an approach surface shall comprise:</p> <p>a) an inner edge horizontal and equal in length to the minimum specified width/diameter of the FATO plus the safety area, perpendicular to the centre line of the approach surface and located at the outer edge of the safety area;</p> <p>b) two side edges originating at the ends of the inner edge diverging uniformly at a specified rate from the vertical plane containing the centre line of the FATO; and:</p> <p>c) an outer edge horizontal and perpendicular to the centre line of the approach surface and at a specified height of 152 m (500 ft) above the elevation of the FATO.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.3	4.1.3 The elevation of the inner edge shall be the elevation of the FATO at the point on the inner edge that is intersected by the centre line of the approach surface. For heliports intended to be used by helicopters operated in performance class 1 and when approved by an appropriate authority, the origin of the inclined plane may be raised directly above the FATO.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139. The specification does not require an approval by the authority for the origin of the inclined plan for the case of performance class 1 helicopters.	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.4	4.1.4 The slope(s) of the approach surface shall be measured in the vertical plane containing the centre line of the surface.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
4.1.5	<p>4.1.5 In the case of an approach surface involving a turn, the surface shall be a complex surface containing the horizontal normals to its centre line and the slope of the centre line shall be the same as that for a straight approach surface.</p> <p><i>Note.— See Figure 4-5.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigini ficant Difference			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
4.1.6	4.1.6 In the case of an approach surface involving a turn, the surface shall not contain more than one curved portion.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.7	4.1.7 Where a curved portion of an approach surface is provided, the sum of the radius of arc defining the centre line of the approach surface and the length of the straight portion originating at the inner edge shall not be less than 575 m.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR	Further details on GM1 HPT-DSN.E. 410 (b),

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

									heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	(c) and (d). CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.8	<p>4.1.8 Any variation in the direction of the centre line of an approach surface shall be designed so as not to necessitate a turn radius less than 270 m.</p> <p><i>Note.— For heliports intended to be used by helicopters operated in performance class 2 or 3, it is</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.410(c)(7) GM1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR	CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>good practice for the approach paths to be selected so as to permit safe forced landings or one-engine-inoperative landings such that, as a minimum requirement, injury to persons on the ground or water or damage to property are minimized. The most critical helicopter type for which the heliport is intended and the ambient conditions may be factors in determining the suitability of such areas.</i>	HPT- DSN.E.410 (e)							heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.9	<p><i>Transitional surface</i></p> <p><i>Note.— For a FATO at a heliport without a PinS approach incorporating a visual segment surface (VSS) there is no requirement to provide transitional surfaces.</i></p> <p>4.1.9 <i>Description.</i> A complex surface along the side of the safety area and part of the side of the approach/take-off climb surface, that slopes upwards and outwards to a predetermined height of 45 m (150 ft).</p> <p><i>Note.— See Figure 4-3. See Table 4-1 for dimensions and slopes of surfaces.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodro

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rk in order to assess compliance with the provision of Annex 14 Vol II
4.1.10	<p>4.1.10 <i>Characteristics.</i> The limits of a transitional surface shall comprise:</p> <p>a) a lower edge beginning at a point on the side of the approach/take-off climb surface at a specified height above the lower edge extending down the side of the approach/take-off climb surface to the inner edge of the approach/take-off climb surface and from there along the length of the side of the safety area parallel to the centre line of the FATO; and</p> <p>b) an upper edge located at a specified height above the lower edge as set out in Table 4-1.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigini ficant Difference			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Annex 14 Vol II
4.1.11	<p>4.1.11 The elevation of a point on the lower edge shall be:</p> <p>a) along the side of the approach/take-off climb surface — equal to the elevation of the approach/take-off climb surface at that point; and</p> <p>b) along the safety area — equal to the elevation of the inner edge of the approach/take-off climb surface.</p> <p><i>Note 1.— If the origin of the inclined plane of the approach/take-off climb surface is raised as approved by an appropriate authority, the elevation of the origin of the transitional surface will be raised accordingly.</i></p> <p><i>Note 2.— As a result of b), the transitional surface along the safety area will be curved if the profile of the FATO is curved, or a plane if the profile is a straight line.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.12	4.1.12 The slope of the transitional surface shall be measured in a vertical plane at right angles to the centre line of the FATO.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been	CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									transposed	surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.13	<p>Take-off climb surface</p> <p>4.1.13 <i>Description.</i> An inclined plane, a combination of planes or, when a turn is involved, a complex surface sloping upwards from the end of the safety area and centred on a line passing through the centre of the FATO.</p> <p><i>Note.— See Table 4-1 for dimensions and slopes of surfaces. See Figures 4-1, 4-2, 4-3 and 4-4 for depiction of surfaces.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

									of Regulation (EU) 2018/1139	aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.14	<p>4.1.14 <i>Characteristics.</i> The limits of a take-off climb surface shall comprise:</p> <p>a) an inner edge horizontal and equal in length to the minimum specified width/diameter of the FATO plus the safety area, perpendicular to the centre line of the take-off climb surface and located at the outer edge of the safety area;</p> <p>b) two side edges originating at the ends of the inner edge and diverging uniformly at a specified rate from the vertical plane containing the centre line of the FATO; and</p> <p>c) an outer edge horizontal and perpendicular to the centre line of the take-off climb surface and at a specified height of 152 m (500 ft) above the elevation of the FATO.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (c)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol II
4.1.15	4.1.15 The elevation of the inner edge shall be the elevation of the FATO at the point on the inner edge that is intersected by the centre line of the take-off climb surface. For heliports intended to be used by helicopters operated in performance class 1 and when approved by an appropriate authority, the origin of the inclined plane may be raised directly above the FATO.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (c)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139. The specification does not require an approval by the authority for the origin of the inclined	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									plan for the case of performan ce class 1 helicopters .	criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of Annex 14 Vol II
4.1.16	4.1.16 Where a clearway is provided, the elevation of the inner edge of the take-off climb surface shall be located at the outer edge of the clearway at the	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati on applies only to	CS HPT- DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	highest point on the ground based on the centre line of the clearway.	DSN.E.420 (c)(3)							surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.17	4.1.17 In the case of a straight take-off climb surface, the slope shall be measured in the vertical plane containing the centre line of the surface.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (c)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									the scope of Regulation (EU) 2018/1139	at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.18	<p>4.1.18 In the case of a take-off climb surface involving a turn, the surface shall be a complex surface containing the horizontal normals to its centre line and the slope of the centre line shall be the same as that for a straight take-off climb surface.</p> <p><i>Note.— See Figure 4-5.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
4.1.19	4.1.19 In the case of a take-off climb surface involving a turn, the surface shall not contain more than one curved portion.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (c)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.20	4.1.20 Where a curved portion of a take-off climb surface, is provided, the sum of the radius of arc defining the centre line of the take-off climb surface and	Art. 34(5) of Reg. (EU) 2018/1139	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	the length of the straight portion originating at the inner edge shall not be less than 575 m.	and CS HPT-DSN.E.420 (c)(7)							only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.21	<p>4.1.21 Any variation in the direction of the centre line of a take-off climb surface shall be designed so as not to necessitate a turn of radius less than 270 m.</p> <p><i>Note 1.— Helicopter take-off performance is reduced in a curve and as such a straight portion along the take-off climb surface prior to the start of the curve allows for acceleration.</i></p> <p><i>Note 2.— For heliports intended to be used by helicopters operated in performance class 2 or 3, it is</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.420 (c)(8) GM1 HPT-DSN.E.420 (a)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodrome	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
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	Annex Standard or Recommended Practice									

	<i>good practice for the departure paths to be selected so as to permit safe forced landings or one-engine-inoperative landings such that, as a minimum requirement, injury to persons on the ground or water or damage to property are minimized. The most critical helicopter type for which the heliport is intended and the ambient conditions may be factors in determining the suitability of such areas.</i>								s falling in the scope of Regulation (EU) 2018/1139	located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.22	<p><i>Obstacle-free sector/surface — helidecks</i></p> <p>4.1.22 <i>Description.</i> A complex surface originating at and extending from a reference point on the edge of the FATO of a helideck. In the case of a TLOF of less than 1 D, the reference point shall be located not less than 0.5 D from the centre of the TLOF.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provision of Annex 14 Vol II
4.1.23	4.1.23 <i>Characteristics.</i> An obstacle-free sector/surface shall subtend an arc of specified angle.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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4.1.24	<p>4.1.24 A helideck obstacle-free sector shall comprise of two components, one above and one below helideck level:</p> <p><i>Note.— See Figure 4-7.</i></p> <p>a) <i>Above helideck level.</i> The surface shall be a horizontal plane level with the elevation of the helideck surface that subtends an arc of at least 210 degrees with the apex located on the periphery of the D circle extending outwards to a distance that will allow for an unobstructed departure path appropriate to the helicopter the helideck is intended to serve.</p> <p>b) <i>Below helideck level.</i> Within the (minimum) 210-degree arc, the surface shall additionally extend downward from the edge of the FATO below the elevation of the helideck to water level for an arc of not less than 180 degrees that passes through the centre of the FATO and outwards to a distance that will allow for safe clearance from the obstacles below the helideck in the event of an engine failure for the type of helicopter the helideck is intended to serve.</p> <p><i>Note.— For both the above obstacle-free sectors for helicopters operated in performance class 1 or 2, the horizontal extent of these distances from the helideck will be compatible with the one-engine-inoperative capability of the helicopter type to be used.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati on has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.25	<p>Limited obstacle sector/surface — helidecks</p> <p><i>Note.— Where obstacles are necessarily located on the structure, a helideck may have a limited obstacle sector (LOS).</i></p> <p>4.1.25 <i>Description.</i> A complex surface originating at the reference point for the obstacle-free</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	sector and extending over the arc not covered by the obstacle-free sector within which the height of obstacles above the level of the TLOF will be prescribed.									heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.1.26	4.1.26 <i>Characteristics.</i> A limited obstacle sector shall not subtend an arc greater than 150 degrees. Its dimensions and location shall be as indicated in Figure 4-8 for a 1 D FATO with coincidental TLOF and Figure 4-9 for a 0.83 D TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
4.2.1	<p>4.2 Obstacle limitation requirements</p> <p><i>Note 1.— The requirements for obstacle limitation surfaces are specified on the basis of the intended use of a FATO, i.e. approach manoeuvre to hover or landing, or take-off manoeuvre and type of approach, and are intended to be applied when such use is made of the FATO. In cases where operations are conducted to or from both directions of a FATO, then the function of certain surfaces may be nullified because of more stringent requirements of another lower surface.</i></p> <p><i>Note 2.— Guidance on obstacle protection surfaces, for when a visual approach slope indicator (VASI) is installed, is given in the onshore section of the Heliport Manual (Doc 9261).</i></p> <p>Surface-level heliports</p> <p>4.2.1 The following obstacle limitation surfaces shall be established for a FATO at heliports with a PinS approach procedure utilizing a visual segment surface:</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	Note 2 has been transposed as CS HPT-DSN.E. 430(b)(2) CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>a) take-off climb surface;</p> <p>b) approach surface; and</p> <p>c) transitional surfaces.</p> <p><i>Note 1.— See Figure 4-3.</i></p> <p><i>Note 2.— The Procedures for Air Navigation Services — Aircraft Operations, (PANS-OPS, Doc 8168), Volume II, Part IV details procedure design criteria.</i></p>									scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
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				Annex Standard or Recommended Practice						

										compliance with the provision of Annex 14 Vol II
4.2.2	<p>4.2.2 The following obstacle limitation surfaces shall be established for a FATO at heliports, other than specified in 4.2.1, including heliports with a PinS approach procedure where a visual segment surface is not provided:</p> <p>a) take-off climb surface; and</p> <p>b) approach surface.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.430(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

4.2.3	4.2.3 The slopes of the obstacle limitation surfaces shall not be greater than, and their other dimensions not less than, those specified in Table 4-1 and shall be located as shown in Figures 4-1, 4-2 and 4-6.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.430(b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.4	4.2.4 For heliports that have an approach/take-off climb surface with a 4.5 per cent slope design, objects shall be permitted to penetrate the obstacle limitation surface if the results of an aeronautical study approved by an appropriate authority have reviewed the associated risks and mitigation measures.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.430(b)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification introduces an additional case (regularity)	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note 1.— The identified objects may limit the heliport operation.</i></p> <p><i>Note 2.— Annex 6, Part 3, provides procedures that may be useful in determining the extent of obstacle penetration.</i></p>								of operations) in which, following a safety assessment, penetration of the OLS is permitted. The specificati on applies only to surface level VFR heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139.	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.5	<p>4.2.5 New objects or extensions of existing objects shall not be permitted above any of the surfaces in 4.2.1 and 4.2.2 except when shielded by an existing immovable object or after an aeronautical study approved by an appropriate authority determines that the object will not adversely affect the safety or significantly affect the regularity of operations of helicopters.</p> <p><i>Note.— Circumstances in which the shielding principle may reasonably be applied are described in the Airport Services Manual (Doc 9137), Part 6.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.430(b)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
4.2.6	<p>4.2.6 Recommendation.— Existing objects above any of the surfaces in 4.2.1 and 4.2.2 should, as far as practicable, be removed except when the object is shielded by an existing immovable object or after an aeronautical study approved by an appropriate authority determines that the object will not adversely affect the safety or significantly affect the regularity of operations of helicopters.</p> <p><i>Note.</i>— The application of curved approach or take-off climb surfaces as specified in 4.1.5 or 4.1.18 may alleviate the problems created by objects infringing these surfaces.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.430(b)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.7	<p>4.2.7 A surface-level heliport shall have at least one approach and take-off climb surface. An aeronautical study shall be undertaken by an appropriate authority when only a single approach and take-off climb surface is provided considering as a minimum, the following factors:</p> <p>a) the area/terrain over which the flight is being conducted;</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.E.430(a) (b)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification does not list the availability of at least one protected side slope	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>b) the obstacle environment surrounding the heliport and the availability of at least one protected side slope;</p> <p>c) the performance and operating limitations of helicopters intending to use the heliport; and</p> <p>d) the local meteorological conditions including the prevailing winds.</p>								<p>as a factor to be assessed. In addition, the current provisions apply only for VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 139/2014</p>	<p>activities. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										provisio n of Annex 14 Vol. II.																			
4.2.8	<p>4.2.8 Recommendation.— <i>A surface-level heliport should have at least two approach and take-off climb surfaces to avoid downwind conditions, minimize crosswind conditions and permit for a balked landing.</i></p> <p><i>Note.</i>— <i>See the Heliport Manual (Doc 9261) for guidance.</i></p> <p>Table 4-1. Dimensions and slopes of obstacle limitation surfaces for all visual FATOs</p> <table><tr><th rowspan="2">Surface and dimensions</th><th colspan="3">Slope design categories</th></tr><tr><th>A</th><th>B</th><th>C</th></tr><tr><td>Approach and take-off climb surface:</td><td></td><td></td><td></td></tr><tr><td>Length of inner edge</td><td>Width of safety area</td><td>Width of safety area</td><td>Width of safety area</td></tr><tr><td>Location of inner edge</td><td>Safety area boundary (Clearway boundary</td><td>Safety area boundary</td><td>Safety area boundary</td></tr></table>	Surface and dimensions	Slope design categories			A	B	C	Approach and take-off climb surface:				Length of inner edge	Width of safety area	Width of safety area	Width of safety area	Location of inner edge	Safety area boundary (Clearway boundary	Safety area boundary	Safety area boundary		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specifica tion has not been transpos ed The specifica tion will be consider ed in future rulemaki ng activitie s. CS HPT- DSN applies only to surface- level VFR heliports or parts
Surface and dimensions	Slope design categories																												
	A	B	C																										
Approach and take-off climb surface:																													
Length of inner edge	Width of safety area	Width of safety area	Width of safety area																										
Location of inner edge	Safety area boundary (Clearway boundary	Safety area boundary	Safety area boundary																										

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	if provided)									thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their
Divergence: (1st and 2nd section)	10%	10%	10%							
Day use only	15%	15%	15%							
Night use										
First section:										
Length	3 386 m	245 m	1 220 m							
Slope	4.5% (1:22.2)	8% (1:12.5)	12.5% (1:8)							
Outer width	(b)	N/A	(b)							
Second section:										
Length	N/A	830 m	N/A							
Slope	N/A	16% (1:6.25)	N/A							
Outer width	N/A	(b)	N/A							
Total length from inner edge (a)	3 386 m	1 075 m	1 220 m							
Transitional surface: (FATOs with a PinS approach procedure with a VSS)	50% (1:2)	50% (1:2)	50% (1:2)							
Slope	45 m	45 m	45 m							
Height										

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				Level of implementation of SARPs			Signi ficant Differ ence			
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				Annex Standard or Recommended Practice						

	<p>a. The approach and take-off climb surface lengths of 3 386 m, 1 075 m and 1 220 m associated with the respective slopes brings the helicopter to 152 m (500 ft) above FATO elevation.</p>									national regulato ry framework in order to assess complia nce with the provisio n of Annex 14 Vol II
	<p>b. Seven rotor diameters overall width for day operations or 10 rotor diameters overall width for night operations.</p>									
	<p>Note.— The slope design categories in Table 4-1 may not be restricted to a specific performance class of operation and may be applicable to more than one performance class of operation. The slope design categories depicted in Table 4-1 represent minimum design slope angles and not operational slopes. Slope category “A” generally corresponds with helicopters operated in performance class 1; slope category “B” generally corresponds with helicopters operated in performance class 3; and slope category “C” generally corresponds with helicopters operated in performance class 2. Consultation with helicopter operators will help to determine the appropriate slope category to apply according to the heliport environment and the most critical helicopter type for which the heliport is intended.</p>									

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				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

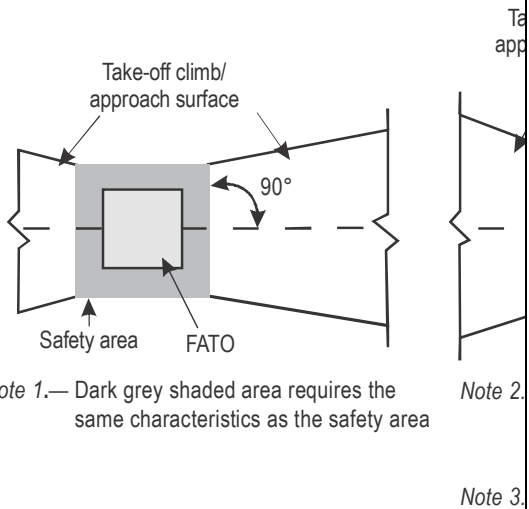


Figure 4-1. Obstacle limitation surfaces — take-off climb and approach surface

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

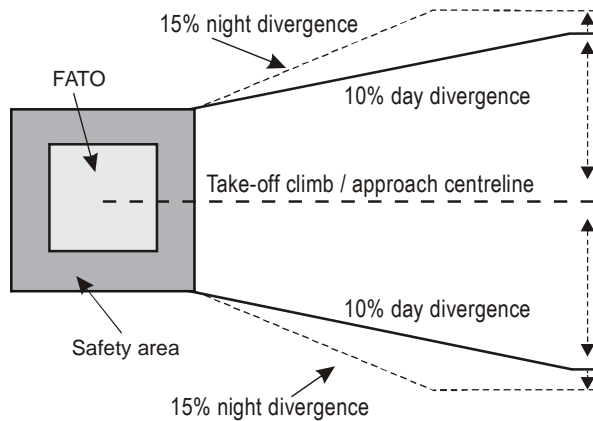
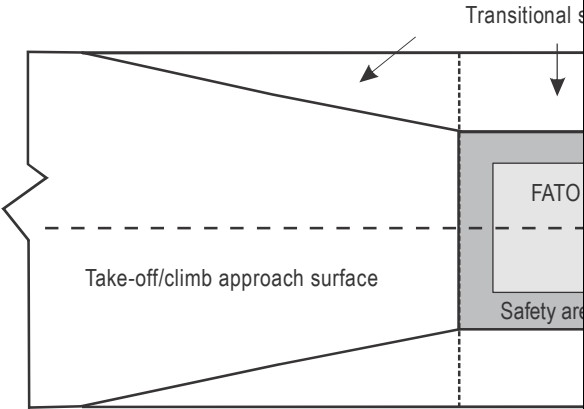


Figure 4-2. Take-off climb/approach surface width

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	 <p>Note 1.— For single take-off/climb approach surface. Transition</p> <p>Note 2.— PANS-OPS, Doc 8168, Volume II, Part IV, details procedure</p> <p>Note 3.— This figure shows a square FATO for illustration purposes. The lower and upper edges would also be circular.</p>									
	Figure 4-3. Transitional surface for a FATO with a PinS approach procedure with a VSS									

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigini ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

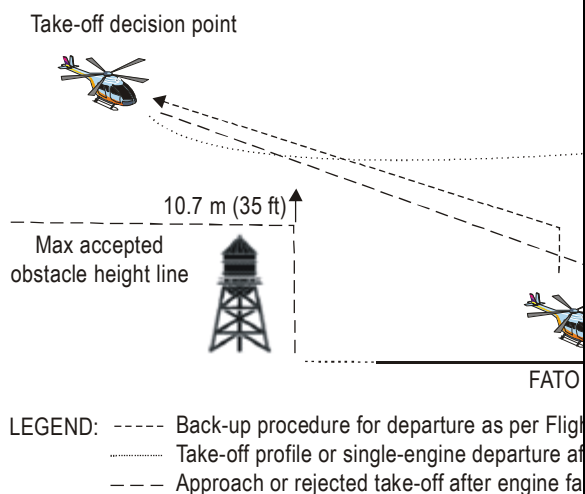


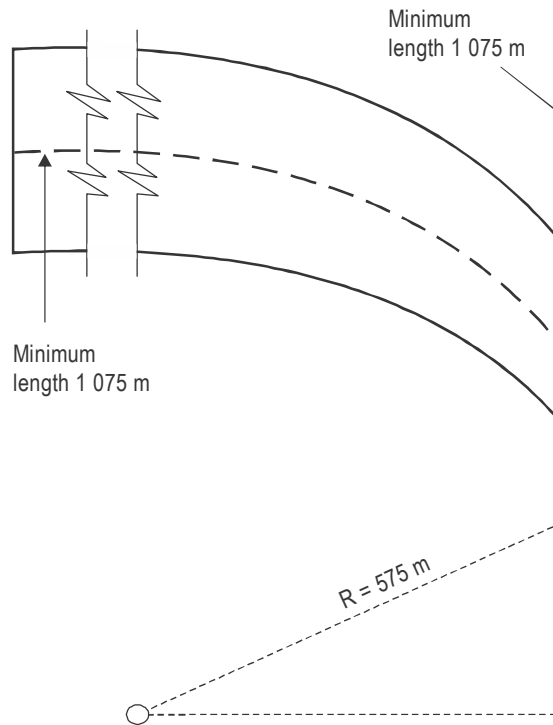
Figure 4-4. Example of raised inclined plane during operations in performance class 1

Note 1.— This example diagram does not represent any specific profile, technique or helicopter type and is intended to show a generic example. An approach profile and a back-up procedure for departure profile are depicted. Specific manufacturers' operations in performance class 1 may be represented differently in the specific helicopter flight manual (HMF). Annex 6, Part 3, Attachment A provides back-up procedures that may be useful for operations in performance class 1.

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				Level of implementation of SARPs						
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	<p><i>Note 2.— The approach/landing profile may not be the reverse of the take-off profile.</i></p> <p><i>Note 3.— Additional obstacle assessment might be required in the area that a back-up procedure is intended. Helicopter performance and the HFM limitations will determine the extent of the assessment required.</i></p>									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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Note 1.— Any combination of curve and straight portion may $S+R \geq 575$ m and $R \geq 270$ m where $S = 305$ m, v and R is the radius of turn. Note any combination

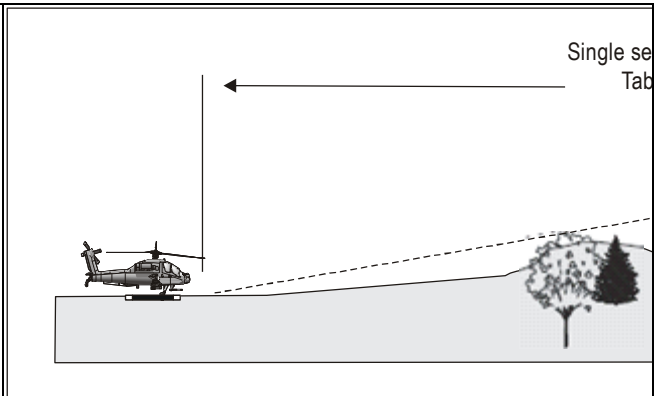
Note 2.— The minimum length of the centre line of the curve longer depending upon the slope used. See Table

Note 3.— Helicopter take-off performance is reduced in a curve take-off climb surface prior to the start of the curve

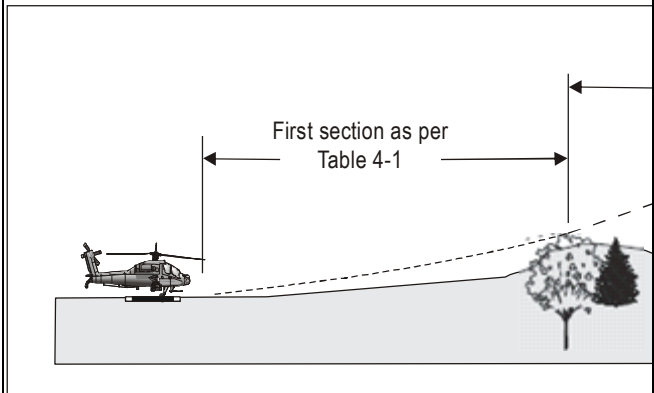
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-5. Curved approach and take-off climb surface for all FATOs									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						



a) Approach and take-off climb surface



b) Approach and take-off climb surfaces - “

Single section as per
Table 4-1

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-6. Approach and take-off climb surfaces with different slope design categories									
4.2.9	<p>Elevated heliports</p> <p>4.2.9 The obstacle limitation surfaces for elevated heliports shall conform to the requirements for surface-level heliports specified in 4.2.1 to 4.2.6.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.10	4.2.10 An elevated heliport shall have at least one approach and take-off climb surface. An aeronautical study shall be undertaken by an appropriate authority when only a single approach and take-off climb surface is		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been	CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>provided considering as a minimum, the following factors:</p> <p>a) the area/terrain over which the flight is being conducted;</p> <p>b) the obstacle environment surrounding the heliport and the availability of at least one protected side slope;</p> <p>c) the performance and operating limitations of helicopters intending to use the heliport; and</p> <p>d) the local meteorological conditions including the prevailing winds.</p>								transposed	<p>surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its</p>
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.11	<p>4.2.11 Recommendation.— <i>An elevated heliport should have at least two approach and take-off climb surfaces to avoid downwind conditions, minimize crosswind conditions and permit for a balked landing.</i></p> <p><i>Note.— See the Heliport Manual (Doc 9261) for guidance.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rulemaking activities. CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.12	Helidecks 4.2.12 A helideck shall have an obstacle-free sector.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been	CS HPT-DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<i>Note.— A helideck may have a LOS (see 4.1.26).</i>								transposed	only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol II
4.2.13	4.2.13 There shall be no fixed obstacles within the obstacle-free sector above the obstacle-free surface.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati on has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located

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				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.14	<p>4.2.14 In the immediate vicinity of the helideck, obstacle protection for helicopters shall be provided below the helideck level. This protection shall extend over an arc of at least 180 degrees with the origin at the centre of the FATO, with a descending gradient having a ratio of one unit horizontally to five units vertically from the edges of the FATO within the 180-degree sector. This descending gradient may be reduced to a ratio of one unit horizontally to three units vertically within the 180-degree sector for multi-engine helicopters operated in performance class 1 or 2. (See Figure 4-7.)</p> <p><i>Note.— Where there is a requirement to position, at sea surface level, one or more offshore support vessel(s) (e.g. a Standby Vessel) essential to the operation of a fixed or floating offshore facility, but located within the proximity of the fixed or floating offshore facility, any offshore support vessel(s) would need to be positioned so as not to compromise the safety</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<i>of helicopter operations during take-off departure and/or approach to landing.</i>									2018/11 39. Art. 2 para (e) of Regulation (EU) 2018/11 39 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
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				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
4.2.15	<p>4.2.15 For a TLOF of 1 D and larger, within the 150-degree limited obstacle surface/sector out to a distance of 0.12 D measured from the point of origin of the LOS, objects shall not exceed a height of 25 cm above the TLOF. Beyond that arc, out to an overall distance of a further 0.21 D measured from the end of the first sector, the limited obstacle surface rises at a rate of one unit vertically for each two units horizontally originating at a height 0.05 D above the level of the TLOF. (See Figure 4-8.)</p> <p><i>Note.— Where the area enclosed by the TLOF perimeter marking is a shape other than circular, the extent of the LOS segments are represented as lines parallel to the perimeter of the TLOF rather than arcs. Figure 4-8 has been constructed on the assumption that an octagonal helideck arrangement is provided. Further guidance for square (quadrilateral) and circular FATO and TLOF arrangements is given in the Heliport Manual (Doc 9261).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.16	4.2.16 For a TLOF less than 1 D within the 150-degree limited obstacle surface/sector out to a distance of 0.62 D and commencing from a distance		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<p>0.5 D, both measured from the centre of the TLOF, objects shall not exceed a height of 5 cm above the TLOF. Beyond that arc, out to an overall distance of 0.83 D from the centre of the TLOF, the limited obstacle surface rises at a rate of one unit vertically for each two units horizontally originating at a height 0.05 D above the level of the TLOF. (See Figure 4-9.)</p> <p><i>Note.— Where the area enclosed by the TLOF perimeter marking is a shape other than circular, the extent of the LOS segments are represented as lines parallel to the perimeter of the TLOF rather than arcs. Figure 4-9 has been constructed on the assumption that an octagonal helideck arrangement is provided. Further guidance for square (quadrilateral) and circular FATO and TLOF arrangements is given in the Heliport Manual (Doc 9261).</i></p>								been transposed	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.17	<p>Shipboard heliports</p> <p>4.2.17 The specifications in 4.2.20 and 4.2.22 shall be applicable for shipboard heliports completed on or after 1 January 2012.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.18	<p><i>Purpose-built heliports located forward or aft</i></p> <p>4.2.18 When helicopter operating areas are provided in the bow or stern of a ship they shall apply the obstacle criteria for helidecks.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										the provision of Annex 14 Vol II
4.2.19	<p><i>Amidships location — Purpose-built and non-purpose-built</i></p> <p>4.2.19 Forward and aft of a TLOF of 1 D and larger shall be two symmetrically located sectors, each covering an arc of 150 degrees, with their apexes on the periphery of the TLOF. Within the area enclosed by these two sectors, there shall be no objects rising above the level of the TLOF, except those aids essential for the safe operation of a helicopter and then only up to a maximum height of 25 cm.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/11

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol II
4.2.20	4.2.20 Objects whose function requires them to be located within the TLOF (such as lighting or nets)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati	CS HPT-

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				Level of implementation of SARPs						
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	<p>shall not exceed a height of 2.5 cm. Such objects shall only be present if they do not represent a hazard to helicopters.</p> <p><i>Note.— Examples of potential hazards include nets or raised fittings on the deck that might induce dynamic rollover for helicopters equipped with skids.</i></p>								on has not been transposed	DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodro
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										me to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.21	4.2.21 To provide further protection from obstacles fore and aft of the TLOF, rising surfaces with gradients of one unit vertically to five units horizontally shall extend from the entire length of the edges of the two 150-degree sectors. These surfaces shall extend for a horizontal distance equal to at least 1 D of the largest helicopter the TLOF is intended to serve and shall not be penetrated by any obstacle. (See Figure 4-10.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
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										national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.22	<p><i>Non-purpose-built heliports — Ship's side location</i></p> <p>4.2.22 No objects shall be located within the TLOF except those aids essential for the safe operation of a helicopter (such as nets or lighting) and then only up to a maximum height of 2.5 cm. Such objects shall only be present if they do not represent a hazard to helicopters.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
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										nce with the provision of Annex 14 Vol II
4.2.23	4.2.23 From the fore and aft mid-points of the D circle in two segments outside the circle, limited obstacle areas shall extend to the ship's rail to a fore and aft distance of 1.5 times the fore-to-aft-dimension of the TLOF, located symmetrically about the athwartships bisector of the D circle. Within these areas there shall be no objects rising above a maximum height of 25 cm above the level of the TLOF. (See Figure 4-11.) Such objects shall only be present if they do not represent a hazard to helicopters.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)

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				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
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4.2.24	<p>4.2.24 A LOS horizontal surface shall be provided, at least 0.25 D beyond the diameter of the D circle, which shall surround the inboard sides of the TLOF to the fore and aft mid-points of the D circle. The LOS shall continue to the ship's rail to a fore and aft distance of 2.0 times the fore-to-aft dimension of the TLOF, located symmetrically about the athwartships bisector of the D circle. Within this sector there shall be no objects rising above a maximum height of 25 cm above the level of the TLOF.</p> <p><i>Note.— Any objects located within the areas described in 4.2.23 and 4.2.24 that exceed the height of the TLOF are notified to the helicopter operator using a ship's helicopter landing area plan. For notification purposes, it may be necessary to consider immovable objects beyond the limit of the surface prescribed in 4.2.24, particularly if objects are significantly higher than 25 cm and in close proximity to the boundary of the LOS. See the Heliport Manual (Doc 9261) for guidance.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.25	Winching areas 4.2.25 An area designated for winching on-board ships shall be comprised of a circular clear zone of diameter 5 m and, extending from the perimeter of the clear zone, a concentric manoeuvring zone of diameter 2 D. (See Figure 4-12.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR

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				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
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										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.26	<p>4.2.26 The manoeuvring zone shall be comprised of two areas:</p> <p>a) the inner manoeuvring zone extending from the perimeter of the clear zone and of a circle of diameter not less than 1.5 D; and</p> <p>b) the outer manoeuvring zone extending from the perimeter of the inner manoeuvring zone and of a circle of diameter not less than 2 D.S</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
4.2.27	4.2.27 Within the clear zone of a designated winching area, no objects shall be located above the level of its surface.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										14 Vol II
4.2.28	4.2.28 Objects located within the inner manoeuvring zone of a designated winching area shall not exceed a height of 3 m.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
4.2.29	<p>4.2.29 Objects located within the outer manoeuvring zone of a designated winching area shall not exceed a height of 6 m.</p> <p><i>Note.— See the Heliport Manual (Doc 9261) for guidance.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-

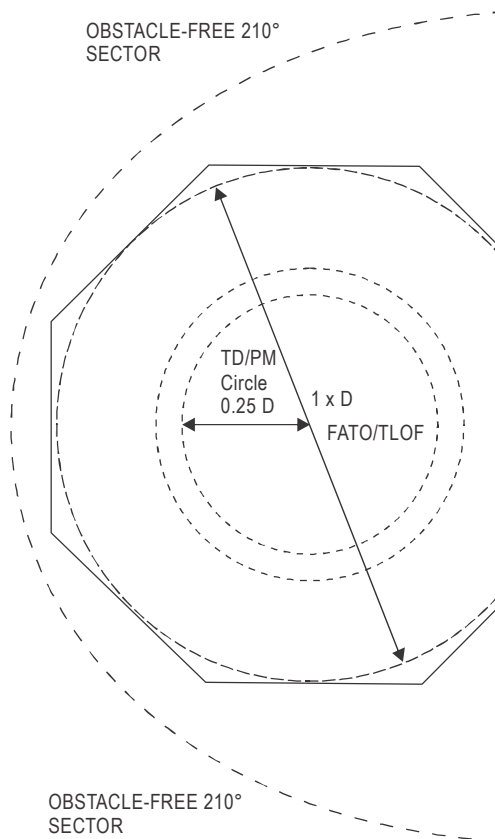
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigini ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-7. Helideck obstacle-free sector								
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						



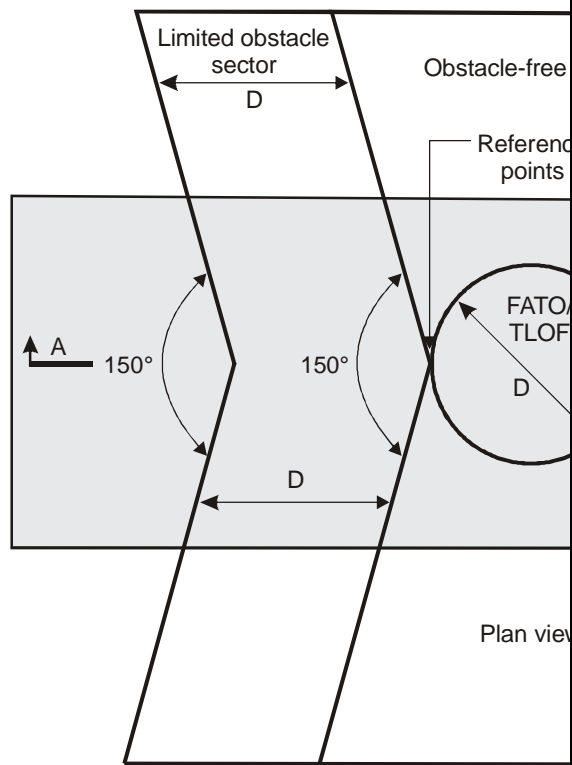
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-8. Helideck obstacle limitation sectors and surfaces for a FATO and coincidental TLOF of 1 D and larger									
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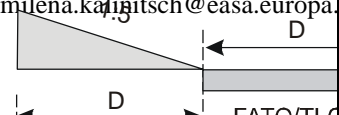
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-9. Helideck obstacle limitation sectors and surfaces for a TLOF of 0.83 D and larger									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									



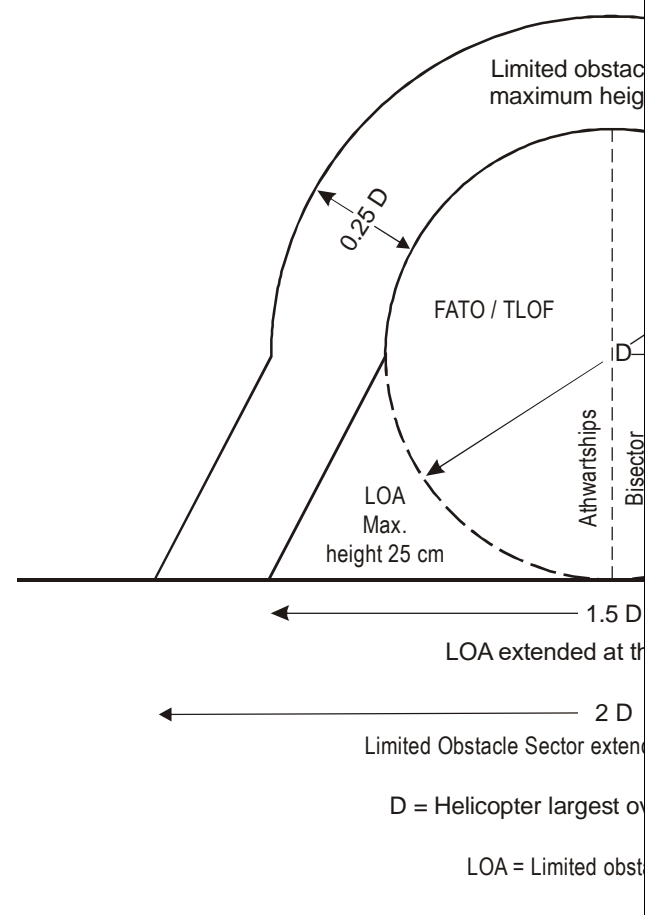
D = Helicopter largest dimension



	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-10. Amidship's location — shipboard heliport obstacle limitation surfaces									
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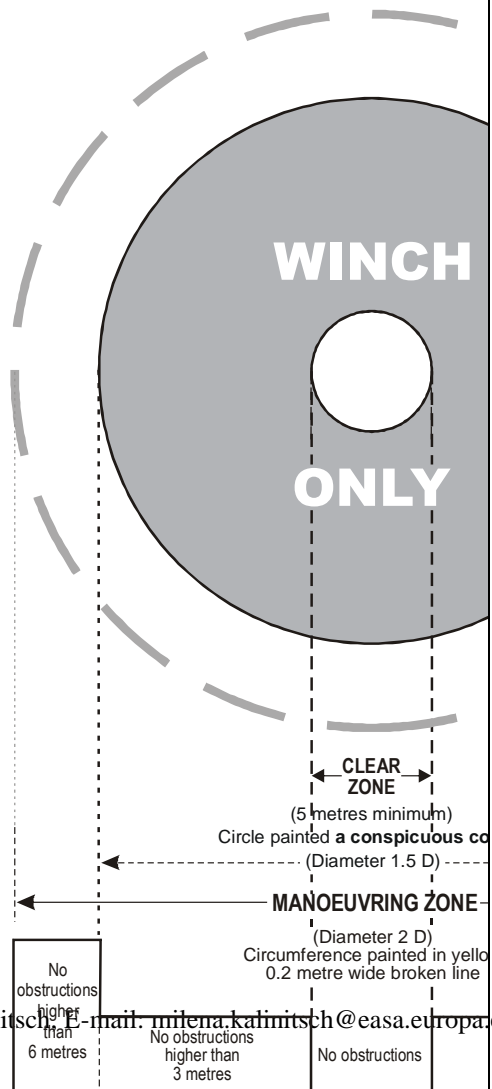
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 4-11. Ships-side non-purpose-built heliport obstacle limitation sectors and surfaces									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	Figure 4-12. Winching area of a ship									
5.1.1.1	<p>CHAPTER 5. VISUAL AIDS</p> <p><i>Note 1.— The procedures used by some helicopters require that they utilize a FATO having characteristics similar in shape to a runway for fixed wing aircraft. For the purpose of this chapter, a FATO having characteristics similar in shape to a runway is considered as satisfying the concept for a “runway-type FATO”. For such arrangements it is sometimes necessary to provide specific markings to enable a pilot to distinguish a runway-type FATO during an approach. Appropriate markings are contained within sub-sections entitled “Runway-type FATOs”. The requirements applicable to all other types of FATOs are given within sub-sections entitled “All FATOs except runway-type FATOs”.</i></p> <p><i>Note 2.— It has been found that, on surfaces of light colour, the conspicuity of white and yellow markings can be improved by outlining them in black.</i></p> <p><i>Note 3.— Guidance is given in the Heliport Manual (Doc 9261) on marking the maximum allowable mass (5.2.3) and the D-value (5.2.4) on the heliport surface to avoid confusion between markings where</i></p>	Art. 34(5) of Reg. (EU) 2018/1139, CS HPT-DSN.F.500 and CS HPT-DSN.F.510	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<p><i>metric units are used and markings where imperial units are used.</i></p> <p><i>Note 4.— For a non-purpose-built heliport located on a ship's side the surface colour of the main deck can vary from ship to ship and therefore some discretion may need to be exercised in the colour selection of heliport paint schemes, the objective being to ensure that the markings are conspicuous against the surface of the ship and the operating background.</i></p> <p>5.1 Indicators</p> <p>5.1.1 Wind direction indicators</p> <p>Application</p> <p>5.1.1.1 A heliport shall be equipped with at least one wind direction indicator.</p>									39 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.1.1.2	Location		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati	CS HPT-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	5.1.1.2 A wind direction indicator shall be located so as to indicate the wind conditions over the FATO and TLOF and in such a way as to be free from the effects of airflow disturbances caused by nearby objects or rotor downwash. It shall be visible from a helicopter in flight, in a hover or on the movement area.								on has been transposed as guidance material GM1 HPT-DSN.F.510 (b)(1). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodro	DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodro
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										me to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.1.1.3	<p>5.1.1.3 Recommendation.— <i>Where a TLOF and/or FATO may be subject to a disturbed airflow, additional wind direction indicators located close to the area should be provided to indicate the surface wind on the area.</i></p> <p><i>Note.</i>— <i>Guidance on the location of wind direction indicators is given in the Heliport Manual (Doc 9261).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed as guidance material GM1

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										HPT- DSN.F. 510(b)(2) . The specifica tion applies only to surface level VFR heliports or parts therefor e located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39 CS HPT- DSN applies only to surface- level
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.1.1.4	<p>Characteristics</p> <p>5.1.1.4 A wind direction indicator shall be constructed so that it gives a clear indication of the direction of the wind and a general indication of the wind speed.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material GM1 HPT-DSN.F.510 (c)(1). The specification applies only to surface	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									level VFR heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										order to assess compliance with the provision of Annex 14 Vol II											
5.1.1.5	<p>5.1.1.5 Recommendation.— <i>A wind direction indicator should be a truncated cone made of lightweight fabric and should have the following minimum dimensions:</i></p> <table><tr><td></td><td>Surface-level Heliports</td><td>Elevated heliports and helidecks</td></tr><tr><td><i>Length</i></td><td><i>2.4 m</i></td><td><i>1.2 m</i></td></tr><tr><td><i>Diameter (larger end)</i></td><td><i>0.6 m</i></td><td><i>0.3 m</i></td></tr><tr><td><i>Diameter (smaller end)</i></td><td><i>0.3 m</i></td><td><i>0.15 m</i></td></tr></table>		Surface-level Heliports	Elevated heliports and helidecks	<i>Length</i>	<i>2.4 m</i>	<i>1.2 m</i>	<i>Diameter (larger end)</i>	<i>0.6 m</i>	<i>0.3 m</i>	<i>Diameter (smaller end)</i>	<i>0.3 m</i>	<i>0.15 m</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material GM1 HPT-DSN.F. 510(c)(2). The specification applies only to surface level VFR heliports or parts
	Surface-level Heliports	Elevated heliports and helidecks																			
<i>Length</i>	<i>2.4 m</i>	<i>1.2 m</i>																			
<i>Diameter (larger end)</i>	<i>0.6 m</i>	<i>0.3 m</i>																			
<i>Diameter (smaller end)</i>	<i>0.3 m</i>	<i>0.15 m</i>																			

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										therefor e located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39 CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU)
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										provision of Annex 14 Vol II
5.1.1.6	<p>5.1.1.6 Recommendation.— <i>The colour of the wind direction indicator should be so selected as to make it clearly visible and understandable from a height of at least 200 m (650 ft) above the heliport, having regard to background. Where practicable, a single colour, preferably white or orange, should be used. Where a combination of two colours is required to give adequate conspicuity against changing backgrounds, they should preferably be orange and white, red and white, or black and white, and should be arranged in five alternate bands the first and last band being the darker colour.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has been transposed as guidance material GM1 HPT-DSN.F. 510(c)(3). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										mes falling in the scope of Regulati on (EU) 2018/11 39 CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.1.1.7	5.1.1.7 A wind direction indicator at a heliport intended for use at night shall be illuminated.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material GM1 HPT-DSN.F.510 (d). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.1.1	5.2 Markings and markers <i>Note.— See Annex 14, Volume I, 5.2.1.4, Note 1, concerning improving conspicuity of markings.</i> 5.2.1 Winching area marking		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note.— The objective of winching area markings is to provide to the pilot visual cues to assist a helicopter to be positioned over, and retained within, an area from which a passenger or equipment can be lowered or raised.</i></p> <p>Application</p> <p>5.2.1.1 Winching area markings shall be provided at a designated winching area. (See Figure 4-12.)</p>								therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.1.2	<p>Location</p> <p>5.2.1.2 Winching area markings shall be located so that their centre(s) coincides with the centre of the clear zone of the winching area. (See Figure 4-12.)</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
5.2.1.3	<p>Characteristics</p> <p>5.2.1.3 Winching area markings shall comprise a winching area clear zone marking and a winching area manoeuvring zone marking.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
5.2.1.4	5.2.1.4 A winching area clear zone marking shall consist of a solid circle of diameter not less than 5 m and of a conspicuous colour.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.1.5	5.2.1.5 A winching area manoeuvring zone marking shall consist of a broken circle line of 30 cm in width and of a diameter not less than 2 D and be marked in a conspicuous colour. Within it "WINCH ONLY" shall be marked to be easily visible to the pilot.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR	CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.2.1	<p>5.2.2 Heliport identification marking</p> <p><i>Application</i></p> <p>5.2.2.1 A heliport identification marking shall be provided at a heliport.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.520(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodro

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national regulato ry frameworks in order to assess complia nce with Annex 14 Vol. II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

5.2.2.2	<p>Location — All FATOs except runway-type FATOs</p> <p>5.2.2.2 A heliport identification marking shall be located at or near the centre of the FATO.</p> <p><i>Note 1.— The objective of heliport identification marking is to provide to the pilot an indication of the presence of a heliport and, by its form, the likely usage; the preferred direction(s) of approach; or the FATO orientation within the helideck obstacle environment.</i></p> <p><i>Note 2.— For other than helidecks, the preferred direction(s) of approach corresponds to the median of the departure/arrival surface(s).</i></p> <p><i>Note 3.— For helidecks, the bar of the “H” points to the centre of the limited obstacle sector (LOS).</i></p> <p><i>Note 4.— If the touchdown/positioning marking (TDPM) is offset, the heliport identification marking is established in the centre of the TDPM.</i></p> <p><i>Note 5.— On a FATO which does not contain a TLOF and which is marked with an aiming point marking (see 5.2.7), the heliport identification marking is established in the centre of the aiming point marking as shown in Figures 5-1 and 5-2.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.520(b)(2)(i)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.2.3	5.2.2.3 On a FATO which contains a TLOF, a heliport identification marking shall be located in the FATO so the position of it coincides with the centre of the TLOF.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.520(b)(2)(ii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										on (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.2.4	Location — Runway-type FATOs 5.2.2.4 A heliport identification marking shall be located in the FATO and when used in conjunction	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	with FATO designation markings, shall be displayed at each end of the FATO as shown in Figure 5-3.	DSN.F.520(b)(1)								surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.2.5	<p>Characteristics</p> <p>5.2.2.5 A heliport identification marking, except for a heliport at a hospital, shall consist of a letter H, in white. The dimensions of the H marking shall be no less than those shown in Figure 5-4 and where the marking is used for a runway-type FATO, its dimensions shall be increased by a factor of 3 as shown in Figure 5-3.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.520(c) (1)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.2.6	5.2.2.6 A heliport identification marking for a heliport at a hospital shall consist of a letter H, red in colour, on a white cross made of squares adjacent to each of the sides of a square containing the H as shown in Figures 5-2 and 5-4.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national regulato ry framewo rks in order to assess complia
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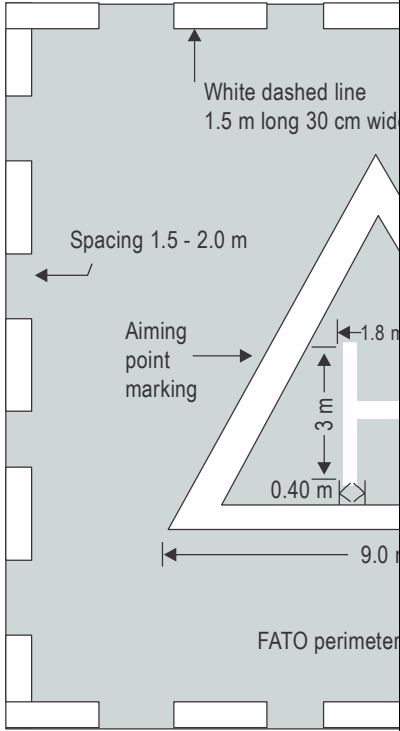
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										nce with Annex 14 Vol. II.
5.2.2.7	5.2.2.7 A heliport identification marking shall be oriented with the cross arm of the H at right angles to the preferred final approach direction. For a helideck, the cross arm shall be on or parallel to the bisector of the obstacle-free sector. For a non-purpose-built shipboard heliport located on a ship's side, the cross arm shall be parallel with the side of the ship.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.520(c) (1)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.2.8	5.2.2.8 Recommendation. — <i>On a helideck or a shipboard heliport where the D-value is 16.0 m or larger, the size of the heliport identification H marking should have a height of 4 m with an overall width not exceeding 3 m and a stroke width not exceeding 0.75 m. Where the D-value is less than 16.0 m, the size of the heliport identification H marking should have a height of 3 m with an overall width not exceeding 2.25 m and a stroke width not exceeding 0.5 m.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking

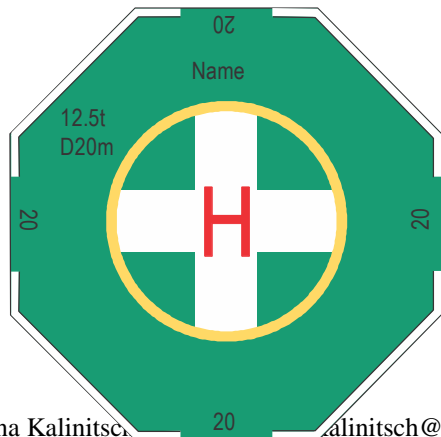
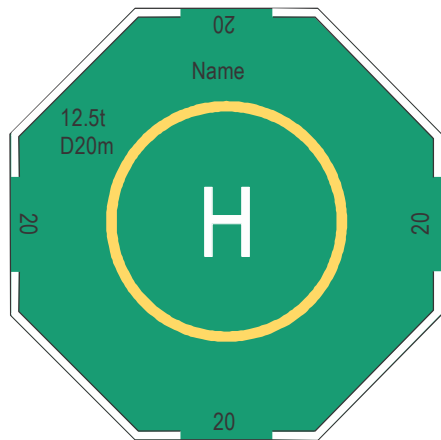
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

QMSF-007-10	 <p>Note.— The aiming point, heliport identification and may be edged with a 10 cm black border</p>									activities.


	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 5-1. Combined heliport identification, aiming point and FATO perimeter marking									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									



	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 5-2. Heliport identification markings with TLOF and aiming markings for heliport and hospital heliport									
										
	Figure 5-3. FATO designation marking and heliport identification marking for a runway-type FATO									

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

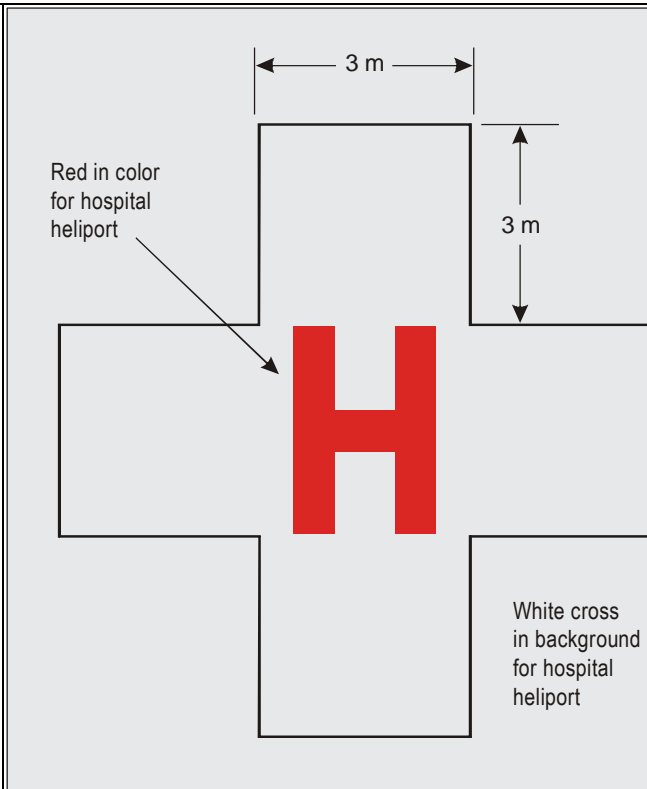


Figure 5-4. Hospital heliport identification and heliport identification marking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.2.3.1	<p>5.2.3 Maximum allowable mass marking</p> <p><i>Note 1.— The objective of the maximum allowable mass marking is to provide the mass limitation of the heliport such that it is visible to the pilot from the preferred final approach direction.</i></p> <p><i>Note 2.— Where States express the maximum allowable mass in pounds, it is not appropriate to suffix with the letter “t” which is used only to indicate metric tonnes. Guidance on markings where States use imperial units is given in the Heliport Manual (Doc 9261).</i></p> <p>Application</p> <p>5.2.3.1 A maximum allowable mass marking shall be displayed at an elevated heliport, a helideck and a shipboard heliport.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.3.2	5.2.3.2 Recommendation. — <i>A maximum allowable mass marking should be displayed at a surface-level heliport.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodro
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										me to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.3.3	Location 5.2.3.3 Recommendation. — <i>A maximum allowable mass marking should be located within the TLOF or FATO and so arranged as to be readable from the preferred final approach direction.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.3.4	<p>Characteristics</p> <p>5.2.3.4 A maximum allowable mass marking shall consist of a one-, two- or three-digit number.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.3.5	5.2.3.5 The maximum allowable mass shall be expressed in tonnes (1 000 kg) rounded down to the nearest 1 000 kg followed by the letter “t”. Where States use mass in pounds, the maximum allowable mass marking shall indicate the allowable helicopter mass in thousands of pounds rounded down to the nearest 1 000 lbs.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
5.2.3.6	5.2.3.6 Recommendation. — <i>The maximum allowable mass should be expressed to the nearest 100 kg. The marking should be presented to one decimal place and rounded to the nearest 100 kg followed by the letter “t”. Where States use mass in pounds, the maximum allowable mass marking should indicate the allowable helicopter mass in hundreds of pounds rounded to the nearest 100 lb.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Annex 14 Vol II
5.2.3.7	5.2.3.7 Recommendation. — <i>When the maximum allowable mass is expressed to 100 kg, the decimal place should be preceded with a decimal point marked with a 30 cm square.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
5.2.3.8	<p>All FATOs except runway-type FATOs</p> <p>5.2.3.8 Recommendation.— <i>The numbers and the letter of the marking should have a colour contrasting with the background and should be in the form and proportion shown in Figure 5-5 for a D-value of more than 30 m. For a D-value between 15 m and 30 m, the height of the numbers and the letter of the marking should be a minimum of 90 cm, and for a D-value of less than 15 m, the height of the numbers and the letter of the marking should be a minimum of 60 cm, each with a proportional reduction in width and thickness.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has not been transposed. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regula</p>

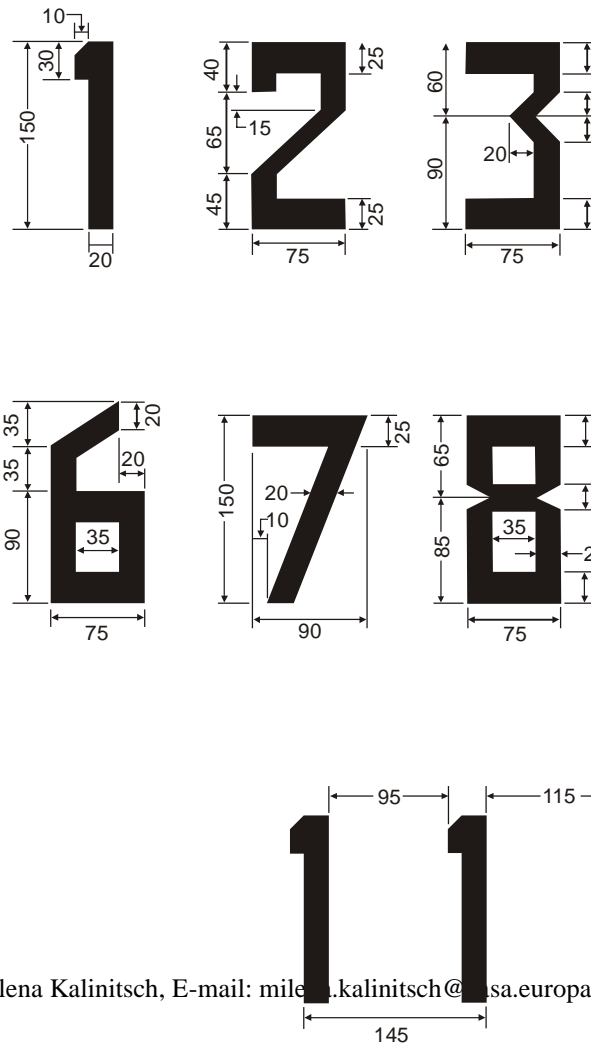
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

5.2.3.9	<p>Runway-type FATOs</p> <p>5.2.3.9 Recommendation.— <i>The numbers and the letter of the marking should have a colour contrasting with the background and should be in the form and proportion shown in Figure 5-5.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has not been transposed. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/11</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						



Note.— All units are expressed in centimetres.

39 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	Figure 5-5. Form and proportions of numbers and letters									
5.2.4.1	<p>5.2.4 D-value marking</p> <p><i>Note.— The objective of D-value marking is to provide to the pilot the “D” of the largest helicopter that can be accommodated on the heliport. This value may differ in size from the FATO and the TLOF provided in compliance with Chapter 3.</i></p> <p>Application — All FATOs except runway-type FATOs</p> <p>5.2.4.1 A D-value marking shall be displayed at a helideck and at a shipboard heliport.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.4.2	<i>Application — Runway-type FATOs</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note.—The D-value is not required to be marked on a heliport with a runway-type FATO.</i></p> <p>5.2.4.2 A D-value marking shall be displayed at surface-level and elevated heliports.</p>								been transposed	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.4.3	<p>Location</p> <p>5.2.4.3 A D-value marking shall be located within the TLOF or FATO and so arranged as to be readable from the preferred final approach direction.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.4.4	<p>5.2.4.4 Recommendation.— <i>Where there is more than one approach direction, additional D-value markings should be provided such that at least one D-value marking is readable from the final approach direction. For a non-purpose-built heliport located on a ship's side, D-value markings should be provided on the perimeter of the D circle at the 2 o'clock, 10 o'clock and 12 o'clock positions when viewed from the side of the ship facing towards the centre line.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has not been transposed. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.4.5	<p>Characteristics</p> <p>5.2.4.5 The D-value marking shall be white. The D-value marking shall be rounded to the nearest whole metre or foot with 0.5 rounded down.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess compliance with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol II
5.2.4.6	<p>5.2.4.6 Recommendation.— <i>The numbers of the marking should have a colour contrasting with the background and should be in the form and proportion shown in Figure 5-5 for a D-value of more than 30 m. For a D-value between 15 m and 30 m, the height of the numbers of the marking should be a minimum of 90 cm, and for a D-value of less than 15 m, the height of the numbers of the marking should be a minimum of 60 cm, each with a proportional reduction in width and thickness.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has not been transposed. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										(e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
5.2.5.1	<p>5.2.5 FATO perimeter marking or markers for surface-level heliports</p> <p><i>Note.— The objective of FATO perimeter marking or markers is to provide to the pilot, where the perimeter of the FATO is not self-evident, an indication of the area that is free of obstacles and in which intended procedures or permitted manoeuvring may take place.</i></p> <p>Application</p> <p>5.2.5.1 FATO perimeter marking or markers shall be provided at a surface-level heliport where the extent of a FATO with a solid surface is not self-evident.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	. The provision applies to any FATO even if the surface is not solid.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139,

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.5.2	<p>Location</p> <p>5.2.5.2 The FATO perimeter marking or markers shall be located on the edge of the FATO.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										compliance with the provision of Annex 14 Vol II
5.2.5.3	Characteristics — Runway-type FATOs 5.2.5.3 The perimeter of the FATO shall be defined with markings or markers spaced at equal intervals of not more than 50 m with at least three markings or markers on each side including a marking or marker at each corner.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(c) (1)(i)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.2.5.4	5.2.5.4 A FATO perimeter marking shall be a rectangular stripe with a length of 9 m or one-fifth of the side of the FATO which it defines and a width of 1 m.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(c) (1)(ii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.5.5	5.2.5.5 FATO perimeter markings shall be white.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(c) (1)(iii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.5.6	5.2.5.6 A FATO perimeter marker shall have dimensional characteristics as shown in Figure 5-6.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material GM1 HPT-DSN.F.530 (b). The specification applies only to surface	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									level VFR heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
5.2.5.7	5.2.5.7 FATO perimeter markers shall be of colour(s) that contrast effectively against the operating background.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(c) (1)(iv)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
5.2.5.8	5.2.5.8 Recommendation. — <i>FATO perimeter markers should be a single colour, orange or red, or two contrasting colours, orange and white or, alternatively, red and white should be used except where such colours would merge with the background.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed as guidance material GM1 HPT-DSN.F. 530 (b). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.5.9	Characteristics — All FATOs except runway-type FATOs	Art. 34(5) of Reg. (EU) 2018/1139	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies	CS HPT-DSN

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	5.2.5.9 For an unpaved FATO the perimeter shall be defined with flush in-ground markers. The FATO perimeter markers shall be 30 cm in width, 1.5 m in length, and with end-to-end spacing of not less than 1.5 m and not more than 2 m. The corners of a square or rectangular FATO shall be defined.	and CS HPT-DSN.F.530(c)(2)(i)							only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.5.10	5.2.5.10 For a paved FATO the perimeter shall be defined with a dashed line. The FATO perimeter marking segments shall be 30 cm in width, 1.5 m in length, and with end-to-end spacing of not less than 1.5 m and not more than 2 m. The corners of the square or rectangular FATO shall be defined.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(c) (1)(ii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodrome	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									s falling in the scope of Regulation (EU) 2018/1139	located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.5.11	5.2.5.11 FATO perimeter markings and flush in-ground markers shall be white.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.530(c) (1)(iii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

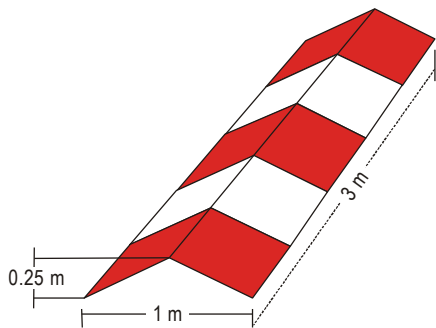


Figure 5-6. Runway-type FATO edge marker

on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										the provision of Annex 14 Vol II
5.2.6.1	<p>5.2.6 FATO designation markings for runway-type FATOs</p> <p><i>Note.— The objective of final FATO designation markings for runway-type FATOs is to provide to the pilot an indication of the magnetic heading of the runway.</i></p> <p>Application</p> <p>5.2.6.1 Recommendation.— A FATO designation marking should be provided at a heliport where it is necessary to designate the FATO to the pilot.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.540(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.6.2	<p>Location</p> <p>5.2.6.2 A FATO designation marking shall be located at the beginning of the FATO as shown in Figure 5-3.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.540(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									the scope of Regulation (EU) 2018/1139	at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.6.3	<p>Characteristics</p> <p>5.2.6.3 A FATO designation marking shall consist of a two-digit number. The two-digit number shall be the whole number nearest to one-tenth of the magnetic North when viewed from the direction of approach. When this rule would give a single digit number, it shall be preceded by a zero. The marking, as shown in Figure 5-3, shall be supplemented by the heliport identification marking.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.540(c) CS HPT-DSN.F.520(b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
5.2.7.1	<p>5.2.7 Aiming point marking</p> <p><i>Note.— The objective of the aiming point marking is to provide to the pilot a visual cue indicating the preferred approach/departure direction, the point to which the helicopter approaches to the hover before positioning to a stand where a touchdown can be made, and that the surface of the FATO is not intended for touchdown.</i></p> <p>Application</p> <p>5.2.7.1 Recommendation.— <i>An aiming point marking should be provided at a heliport where it is necessary for a pilot to make an approach to a particular point above a FATO before proceeding to a TLOF.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.550(a);(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specifications do not require the actual provision of an aiming point marking. The specification applies only to surface level VFR heliports or parts therefore located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.2.7.2	<p>Location — Runway-type FATOs</p> <p>5.2.7.2 The aiming point marking shall be located within the FATO.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.550(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.7.3	<p>Location — All FATOs except runway-type FATOs</p> <p>5.2.7.3 The aiming point marking shall be located at the centre of the FATO as shown in Figure 5-1.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									GM1 HPT-DSN.F.550 . The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.7.4	<p>Characteristics</p> <p>5.2.7.4 The aiming point marking shall be an equilateral triangle with the bisector of one of the angles aligned with the preferred approach direction. The marking shall consist of continuous lines providing a contrast with the background colour, and the dimensions of the marking shall conform to those shown in Figure 5-7.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.550(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions specify white as applicable colour and do not require the colour of the marking to be in contrast with the background	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

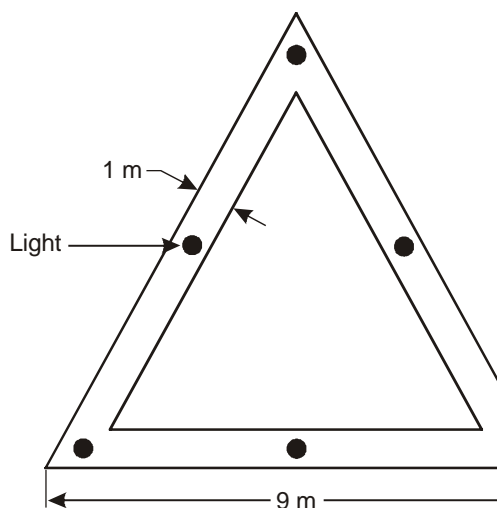


Figure 5-7. Aiming point marking

									d. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	
5.2.8.1	5.2.8 TLOF perimeter marking <i>Note.— The objective of TLOF perimeter marking is to provide to the pilot an indication of an area that is free of obstacles; has dynamic load bearing; and</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.560(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>in which, when positioned in accordance with the TDPM, undercarriage containment is assured.</i></p> <p>Application</p> <p>5.2.8.1 A TLOF perimeter marking shall be displayed on a TLOF located in a FATO at a surface-level heliport if the perimeter of the TLOF is not self-evident.</p>									level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory framework
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rks in order to assess compliance with Annex 14 Vol. II.
5.2.8.2	5.2.8.2 A TLOF perimeter marking shall be displayed on an elevated heliport, a helideck and a shipboard heliport.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

5.2.8.3	<p>Location</p> <p>5.2.8.3 A TLOF perimeter marking shall be located along the edge of the TLOF.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.560(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.8.4	<p>Characteristics</p> <p>5.2.8.4 A TLOF perimeter marking shall consist of a continuous white line with a width of at least 30 cm.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.560(d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.9.1	<p>5.2.9 Touchdown/positioning marking</p> <p><i>Note.— The objective of touchdown/positioning marking (TDPM) is to provide visual cues which permit a helicopter to be placed in a specific position such that, when the pilot's seat is above the marking, the undercarriage is within the load-bearing area and all parts of the helicopter will be clear of any obstacles by a safe margin.</i></p> <p>Application</p> <p>5.2.9.1 A TDPM shall be provided for a helicopter to touch down or be accurately placed in a specific position.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provision applies only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.9.2	5.2.9.2 The TDPM shall be:	Art. 34(5) of Reg.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The provisions	CS HPT-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>a) when there is no limitation on the direction of touchdown/positioning, a touchdown/positioning circle (TDPC) marking; and</p> <p>b) when there is a limitation on the direction of touchdown/positioning:</p> <p>1) for unidirectional applications, a shoulder line with an associated centreline; or</p> <p>2) for multidirectional applications, a TDPC marking with prohibited landing sector(s) marked.</p>	(EU) 2018/1139 and CS HPT-DSN.F.570(c) (1); CS HPT-DSN.F.610(a) (2)							does not foresee the provision of the prohibited landing sector marking.	DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.9.3	<p>Location</p> <p>5.2.9.3 The inner edge/inner circumference of the TDPM shall be at a distance of 0.25 D from the centre of the area in which the helicopter is to be positioned.</p>	<p>Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570(b)(2);(3) and (c)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The current provisions address this SARP in a different manner. The centre of the marking can be offset following a safety assessment</p>	<p>CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.9.4	5.2.9.4 On a helideck, the centre of the TDPC marking shall be located at the centre of the FATO, except that the marking may be offset away from the origin of the obstacle-free sector by no more than 0.1 D where an aeronautical study indicates such offsetting is necessary and would not impair safety.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rulemaking activities.
5.2.9.5	5.2.9.5 Prohibited landing sector markings, when provided, shall be located on the TDPM, within the relevant headings, and extend to the inner edge of the TLOF perimeter marking.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	The specification will be considered in future rulemaking activities.
5.2.9.6	Characteristics 5.2.9.6 The inner diameter of the TDPC shall be 0.5 D of the largest helicopter the area is intended to serve.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN F.570(c)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.9.7	5.2.9.7 A TDPM shall have a line width of at least 0.5 m. For a helideck and a purpose-built shipboard heliport, the line width shall be at least 1 m.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provision applies	CS HPT-DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

		DSN F.570 (c)(1)							only for VFR heliports located at aerodrome s falling in the scope of Regulation (EU) 139/2014.	only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with Annex 14 Vol. II.
5.2.9.8	5.2.9.8 The length of a shoulder line shall be 0.5 D of the largest helicopter the area is intended to serve.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(c) (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The provision address the specification in a different manner. The length of the line shall be the width of the taxiway (1.5 UCW) instead of 0.5D.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigin ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.9.9	5.2.9.9 The prohibited landing sector marking, when provided, shall be indicated by white and red hatched markings as shown in Figure 5-8.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										activities.
5.2.9.10	<p>5.2.9.10 The TDPM shall take precedence when used in conjunction with other markings on the TLOF except for the prohibited landing sector marking.</p> <p><i>Note.— The prohibited landing sector marking, when provided, is not intended to move the helicopter away from objects around the FATO, but to ensure that the tail is not placed in an orientation that might constitute a hazard. This is achieved by having the helicopter nose clear of the hatched markings during the touchdown.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

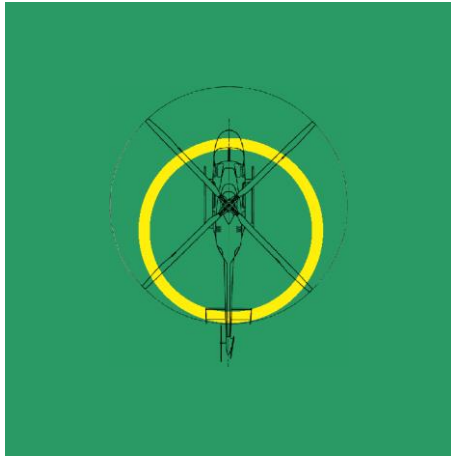


Figure 5-8. Multidirectional TDPC with no limitations (left)
Unidirectional marking shoulder line with associated centreline (centre)
Multidirectional TDPC with prohibited landing sector marking (right)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

5.2.10.1	<p>5.2.10 Heliport name marking</p> <p><i>Note.— The objective of heliport name marking is to provide to the pilot a means of identifying a heliport which can be seen, and read, from all directions of approach.</i></p> <p>Application</p> <p>5.2.10.1 Recommendation.— A heliport name marking should be provided at a heliport and helideck where there is insufficient alternative means of visual identification.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.580(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.10.2	<p>Location</p> <p>5.2.10.2 Recommendation.— <i>Where a limited obstacle sector (LOS) exists on a helideck, the marking should be located on that side of the heliport identification marking. For a non-purpose-built heliport located on a ship's side, the marking should be located on the inboard side of the heliport identification marking in the area between the TLOF perimeter marking and the boundary of the LOS.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed as guidance material GM1 HPT-DSN.F. 580(a). The specification applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139
5.2.10.3	<p>Characteristics</p> <p>5.2.10.3 A heliport name marking shall consist of the name or the alphanumeric designator of the heliport as used in the radio (R/T) communications.</p>	Art. 34(5) of Reg. 2018/1139 and CS HPT-DSN.F.580(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									Regulation (EU) 2018/1139	mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rk in order to assess compliance with the provision of Annex 14 Vol II
5.2.10.4	5.2.10.4 Recommendation. — <i>A heliport name marking intended for use at night or during conditions of poor visibility should be illuminated, either internally or externally.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed as guidance material GM1 HPT- DSN.F. 580(b)(1). The specification applies only to surface level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigin ificant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulator
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provision of Annex 14 Vol II
5.2.10.5	Runway-type FATOs 5.2.10.5 Recommendation. — <i>The characters of the marking should be not less than 3 m in height.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed as guidance material GM1 HPT-DSN.F. 580(b)(3). The specification applies only to surface level VFR heliports or parts therefore located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										14 Vol II
5.2.10.6	<p>All FATOs except runway-type FATOs.</p> <p>5.2.10.6 Recommendation.— <i>The characters of the marking should be not less than 1.5 m in height at surface-level heliports and not less than 1.2 m on elevated heliports, helidecks and shipboard heliports. The colour of the marking should contrast with the background and preferably be white.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has been transposed as guidance material GM1 HPT-DSN.F. 580(b)(4) GM1 HPT-DSN.F. 580(b)(2). The specification applies only to surface level VFR heliports or parts therefore located at</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
5.2.11.1	<p>5.2.11 Helideck obstacle-free sector (chevron) marking</p> <p><i>Note.— The objective of helideck obstacle-free sector (chevron) marking is to indicate the direction and limits of a sector that is free of obstacles above the level of the helideck for the preferred approach and departure directions.</i></p> <p>Application</p> <p>5.2.11.1 A helideck with adjacent obstacles that penetrate above the level of the helideck shall have an obstacle-free sector marking.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.11.2	Location 5.2.11.2 A helideck obstacle-free sector marking shall be located, where practicable, at a distance from the centre of the TLOF equal to the radius of the		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>largest circle that can be drawn in the TLOF or 0.5 D, whichever is greater.</p> <p><i>Note.— Where the point of origin is outside the TLOF, and it is not practicable to physically paint the chevron, the chevron is relocated to the TLOF perimeter on the bisector of the obstacle-free sector. In this case, the distance and direction of displacement, along with the attention-getting “WARNING DISPLACED CHEVRON”, is marked in a box beneath the chevron in black characters not less than 10 cm high. (An example figure is given in the Heliport Manual (Doc 9261).)</i></p>									level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.11.3	<p>Characteristics</p> <p>5.2.11.3 The helideck obstacle-free sector marking shall indicate the location of the obstacle-free sector and the directions of the limits of the sector.</p> <p><i>Note.— Example figures are given in the Heliport Manual (Doc 9261).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										rk in order to assess compliance with the provision of Annex 14 Vol II
5.2.11.4	5.2.11.4 The height of the chevron shall not be less than 30 cm.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Annex 14 Vol II
5.2.11.5	5.2.11.5 The chevron shall be marked in a conspicuous colour.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specifi- cation has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro- mes falling in the scope of Regulati- on (EU) 2018/11 39. Art. 2 para (e) of Regulati- on (EU) 2018/11 39 contains criteria

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess compliance with the provisio n of Annex 14 Vol II
5.2.11.6	5.2.11.6 Recommendation. — <i>The colour of the chevron should be black.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specifica tion has not been transpos

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ed. CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.12.1	5.2.12 Helideck and shipboard heliport surface marking <i>Note.— The objective of helideck and shipboard heliport surface marking is to provide to the pilot, by colour and conspicuity, the location of the TLOF on a helideck or shipboard heliport.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>Application</p> <p>5.2.12.1 Recommendation.— <i>A surface marking should be provided to assist the pilot to identify the location of the helideck or shipboard heliport during an approach by day.</i></p>									HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.12.2	Location 5.2.12.2 Recommendation. — <i>A surface marking should be applied to the dynamic load-bearing area bounded by the TLOF perimeter marking.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.12.3	<p>Characteristics</p> <p>5.2.12.3 Recommendation.— <i>The helideck or shipboard heliport surface bounded by the TLOF perimeter marking should be of dark green using a high friction coating.</i></p> <p><i>Note.</i>— <i>Where the application of a surface coating may have a degrading effect on friction qualities, the surface might not be painted. In such cases, the best operating practice to enhance the conspicuity of</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>markings is to outline deck markings with a contrasting colour.</i>									surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.13.1	<p>5.2.13 Helicopter taxiway markings and markers</p> <p><i>Note 1.— The objective of helicopter taxiway markings and markers is, without being a hazard to the helicopter, to provide to the pilot by day and, if necessary, by night, visual cues to guide movement along the taxiway</i></p> <p><i>Note 2.— The specifications for runway-holding position markings in Annex 14, Volume I, 5.2.10 are equally applicable to taxiways intended for ground taxiing of helicopters.</i></p>	Art. 34(5) Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (a)(2); CS HPT-DSN.F.600 (a)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS HPT-DSN.F.600 does foresee to mark the centre line..	The specification will be considered in future rulemaking activities. CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note 3.— Ground taxi-routes and air taxi-routes over a taxiway are not required to be marked.</i></p> <p><i>Note 4.— Unless otherwise indicated, it may be assumed that a helicopter taxiway is suitable for both ground taxiing and air taxiing of helicopters.</i></p> <p><i>Note 5.— Signage may be required on an aerodrome where it is necessary to indicate that a helicopter taxiway is suitable only for the use of helicopters.</i></p> <p>Application</p> <p>5.2.13.1 The centre line of a helicopter taxiway shall be identified with a marking.</p>									applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.2	5.2.13.2 Recommendation. — <i>The edges of a helicopter taxiway, if not self-evident, should be identified with markers or markings.</i>	Art. 34(5) of Reg. (EU) 2018/1139 CS HPT-DSN.F.590 (a) (3) CS HPT-DSN.F.600(a) (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN.F. 600 does not foresee to identify the edges of an air taxiway although they are not self-evident. The specification will be considered in

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.3	<p>Location</p> <p>5.2.13.3 Helicopter taxiway markings shall be along the centre line and, if required, along the edges of a helicopter taxiway.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (b)(1) CS HPT-DSN.F.600(b)(1);(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									(EU) 2018/1139	surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national regulato ry
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.4	5.2.13.4 Helicopter taxiway edge markers shall be located at a distance of 1 m to 3 m beyond the edge of the helicopter taxiway.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (b)(2) CS HPT-DSN.F.600(b)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The minimum distance beyond the edge of a taxiway that only allows ground taxiing is 0.5m.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national regulato ry frameworks in order to assess complia nce with Annex 14 Vol. II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

5.2.13.5	5.2.13.5 Helicopter taxiway edge markers shall be spaced at intervals of not more than 15 m on each side of straight sections and 7.5 m on each side of curved sections with a minimum of four equally spaced markers per section.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (b)(3) CS HPT-DSN.F.600(c) (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The maximum distance between markers in taxiways where only air taxiing is allowed are 30 m and 15 m, respectively.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.6	<p>Characteristics</p> <p>5.2.13.6 On a paved taxiway, a helicopter taxiway centre line marking shall be a continuous yellow line 15 cm in width.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (c)(1) CS HPT-DSN.F.600(c)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	the current provisions apply only for VFR heliports located at aerodromes falling in the scope	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

									of Regulation (EU) 139/2014	activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.7	5.2.13.7 On an unpaved taxiway that will not accommodate painted markings, a helicopter taxiway centre line shall be marked with flush in-ground 15-cm-wide and approximately 1.5 m in length yellow markers, spaced at intervals of not more than 30 m on straight sections and not more than 15 m on curves, with a minimum of four equally spaced markers per section.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN F.590(c)(2); CS HPT-DSN F.600(c)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS HPT-DSN F.590 states to paint the centre line regardless the taxiway is paved or unpaved.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.8	5.2.13.8 Helicopter taxiway edge markings shall be a continuous double yellow line, each 15 cm in width, and spaced 15 cm apart (nearest edge to nearest edge).	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions apply only	The specification will be

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

		DSN.F.590 (c)(2) CS HPT- DSN.F.600(c) (2)							for VFR heliports located at aerodrome s falling in the scope of Regulation (EU) 139/2014.	consider- ed in future rulemaki- ng activitie s. CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro- mes falling in the scope of Regulati- on (EU) 2018/11 39. For heliports that do not fall in the scope of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.9	5.2.13.9 A helicopter taxiway edge marker shall be frangible to the wheeled undercarriage of a helicopter.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (c)(4) CS HPT-DSN.F.600(c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation	The specification will be considered in future rulemaking activities. CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									(EU) 139/2014	applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States will have to use their national
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.10	5.2.13.10 A helicopter taxiway edge marker shall not exceed a plane originating at a height of 25 cm above the plane of the helicopter taxiway, at a distance of 0.5 m from the edge of the helicopter taxiway and sloping upwards and outwards at a gradient of 5 per cent to a distance of 3 m beyond the edge of the helicopter taxiway.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (c)(3) CS HPT-DSN.F.600(c) (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The beginning plane for air taxiways is at a distance from the edge of the taxiway of 1 m instead of 0.5 m.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol. II.
5.2.13.11	<p>5.2.13.11 A helicopter taxiway edge marker shall be blue.</p> <p><i>Note 1.— Guidance on suitable edge markers is given in the Heliport Manual (Doc 9261).</i></p> <p><i>Note 2.— If blue markers are used on an aerodrome, signage may be required to indicate that the helicopter taxiway is suitable only for helicopters.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (c)(5) CS HPT-DSN.F.600(c) (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS HPT-DSN.F.600 only prescribes that the colour should contrast effectively against the background, but they should not be red.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.13.12	5.2.13.12 If the helicopter taxiway is to be used at night, the edge markers shall be internally illuminated or retro-reflective.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.590 (c)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions apply only for VFR heliports located at	The specification will be considered in future

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

		CS HPT-DSN.F.600 (c)(8)							aerodromes falling in the scope of Regulation (EU) 139/2014.	rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.14.1	<p>5.2.14 Helicopter air taxi-route markings and markers</p> <p><i>Note.— The objective of helicopter air taxi-route markings and markers is to provide to the pilot by day and, if necessary, by night, visual cues to guide movement along the air taxi-route.</i></p> <p>Application</p> <p>5.2.14.1 The centre line of a helicopter air taxi-route shall be identified with markers or markings.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are no such requirements in EU regulation as it is mandatory to build a taxiway, which should be marked, centered on the taxi-route.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory framework
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										orks in order to assess compliance with Annex 14 Vol. II.
5.2.14.2	<p>Location</p> <p>5.2.14.2 A helicopter air taxi-route centre line marking or flush in-ground centre line marker shall be located along the centre line of the helicopter air taxi-route.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are no such requirements in EU regulation as it is mandatory to build a taxiway, which should be marked, centered on the taxi-route.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.2.14.3	<p>Characteristics</p> <p>5.2.14.3 A helicopter air taxi-route centre line, when on a paved surface, shall be marked with a continuous yellow line 15 cm in width.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are no such requirements in EU regulation as it is mandatory to build a taxiway, which should be marked, centered on the taxi-route.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.14.4	5.2.14.4 A helicopter air taxi-route centre line, when on an unpaved surface that will not accommodate painted markings, shall be marked with flush in-ground 15-cm-wide and approximately 1.5 m in length yellow markers, spaced at intervals of not more than 30 m on straight sections and not more than 15 m on curves, with a minimum of four equally spaced markers per section.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are no such requirements in EU regulation as it is mandatory to build a taxiway,	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									which should be marked, centered on the taxi- route.	activitie s. CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. For heliports that do not fall in the scope of Regulati on (EU) 2018/11 39, States
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.14.5	5.2.14.5 If the helicopter air taxi-route is to be used at night, markers shall be either internally illuminated or retro-reflective.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There are no such requirements in EU regulation as it is mandatory to build a taxiway, which should be marked, centered on the taxi-route.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with Annex 14 Vol. II.
5.2.15.1	<p>5.2.15 Helicopter stand markings</p> <p><i>Note.— The objective of helicopter stand markings is to provide to the pilot a visual indication of: an area that is free of obstacles and in which permitted manoeuvring, and all necessary ground functions, may take place; identification, mass and D-value limitations, when required; and guidance for manoeuvring and positioning of the helicopter within the stand.</i></p> <p>Application</p> <p>5.2.15.1 A helicopter stand perimeter marking shall be provided.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(a) (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The provision of stand perimeter markings is required only under certain conditions according to the current requirements. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

									(EU) 139/2014.	
5.2.15.2	5.2.15.2 A helicopter stand shall be provided with the appropriate TDPM. See Figure 5-8.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570 (a)(2) CS HPT-DSN.F.610(a)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address the provision of a prohibited sector landing marking.	The specification will be considered in future rulemaking activities. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										39. For heliports that do not fall in the scope of Regulation (EU) 2018/1139, States will have to use their national regulatory frameworks in order to assess compliance with Annex 14 Vol. II.
5.2.15.3	<p>5.2.15.3 Recommendation.— <i>Alignment lines and lead-in/lead-out lines should be provided on a helicopter stand.</i></p> <p><i>Note 1.— See Chapter 3, Figures 3.5 to 3.9.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(a) (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note 2.— Helicopter stand identification markings may be provided where there is a need to identify individual stands.</i></p> <p><i>Note 3.— Additional markings relating to stand size may be provided. See the Heliport Manual (Doc 9261).</i></p>									VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Further details in GM1 HPT-DSN.F.610(a).CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.15.4	<p>Location</p> <p>5.2.15.4 The TDPM, alignment lines and lead-in/lead-out lines shall be located such that every part of the helicopter can be contained within the helicopter stand during positioning and permitted manoeuvring.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570(b)(1);(3) CS HPT-DSN.F.610(a)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alignment lines and lead-in/lead-out lines location are addressed as in SARP 5.2.15.5. The TDPM location is addressed in a different manner..	The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II.
5.2.15.5	5.2.15.5 Alignment lines and lead-in/lead-out lines shall be located as shown in Figure 5-9.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface	CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

		DSN.F.610(a) (3)							level VFR heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.15.6	Characteristics 5.2.15.6 A helicopter stand perimeter marking shall consist of a continuous yellow line and have a line width of 15 cm.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(c) (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address the new characteristics of the marking. In addition, the current provisions	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	
5.2.15.7	5.2.15.7 The TDPM shall have the characteristics described in Section 5.2.9 above.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.570(c) CS HPT-DSN.F.610(c) (2);(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The shoulder line length is different than the prescribed by SARP 5.2.9.8.	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										2018/1139. CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II.
5.2.15.8	5.2.15.8 Alignment lines and lead-in/lead-out lines shall be continuous yellow lines and have a width of 15 cm.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(c) (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR	CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.15.9	5.2.15.9 Curved portions of alignment lines and lead-in/lead-out lines shall have radii appropriate to the most demanding helicopter type the helicopter stand is intended to serve.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(c) (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodro

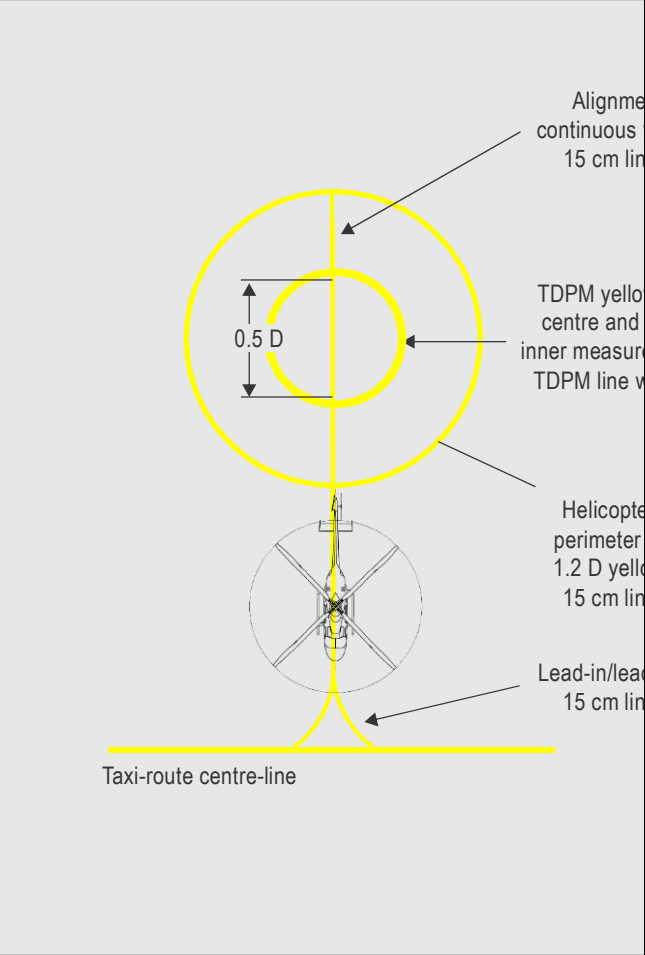
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									Regulation (EU) 2018/1139	mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										rk in order to assess compliance with the provision of Annex 14 Vol II
5.2.15.10	5.2.15.10 Stand identification markings shall be marked in a contrasting colour so as to be easily readable.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.610(c) (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>Figure 5-9. Helicopter stand markings</p> <p><i>Note 1.— Where it is intended that helicopters proceed in one direction only, arrows indicating the direction to be followed may be added as part of the alignment lines.</i></p> <p><i>Note 2.— The characteristics of markings related to the stand size and alignment and lead-in/lead-out lines are illustrated in Figure 5-9. Examples of stands and their markings can be seen in Chapter 3, Figures 3.5 to 3.9.</i></p>									Annex 14 Vol II
5.2.16.1	<p>5.2.16 Flight path alignment guidance marking</p> <p><i>Note.— The objective of flight path alignment guidance marking is to provide the pilot with a visual indication of the available approach and/or departure path direction(s).</i></p> <p>Application</p> <p>5.2.16.1 Recommendation.— <i>Flight path alignment guidance marking(s) should be provided at a heliport where it is desirable and practicable to indicate available approach and/or departure path direction(s).</i></p> <p><i>Note.— The flight path alignment guidance marking can be combined with a flight path alignment guidance lighting system described in 5.3.4.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.620(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.16.2	Location 5.2.16.2 The flight path alignment guidance marking shall be located in a straight line along the	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to	CS HPT-DSN applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	direction of approach and/or departure path on one or more of the TLOF, FATO, safety area or any suitable surface in the immediate vicinity of the FATO or safety area.	DSN.F.620(b)							surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.16.3	<p>Characteristics</p> <p>5.2.16.3 A flight path alignment guidance marking shall consist of one or more arrows marked on the TLOF, FATO and/or safety area surface as shown in Figure 5-10. The stroke of the arrow(s) shall be 50 cm in width and at least 3 m in length. When combined with a flight path alignment guidance lighting system it shall take the form shown in Figure 5-10 which includes the scheme for marking “heads of the arrows” which are constant regardless of stroke length.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.620(c) (1)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

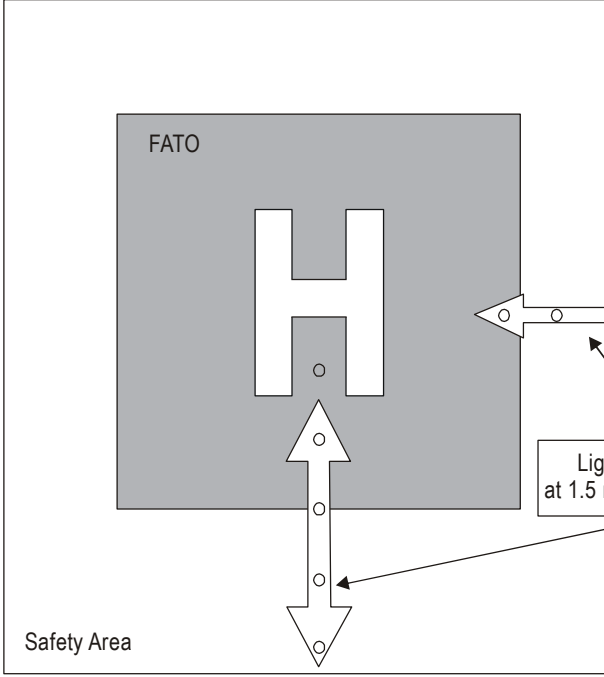
	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note.— In the case of a flight path limited to a single approach direction or single departure direction, the arrow marking may be unidirectional. In the case of a heliport with only a single approach/departure path available, one bidirectional arrow is marked.</i></p>								the scope of Regulation (EU) 2018/1139	at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
5.2.16.4	5.2.16.4 Recommendation. — <i>The markings should be in a colour which provides good contrast against the background colour of the surface on which they are marked, preferably white.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.620(c) (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	 <p>Figure 5-10. Flight path alignment guidance markings and lights</p>									on (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.1	5.3 Lights		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	5.3.1 General									

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p><i>Note 1.— See Annex 14, Volume I, 5.3.1, concerning specifications on screening of non-aeronautical ground lights, and design of elevated and inset lights.</i></p> <p><i>Note 2.— In the case of helidecks and heliports located near navigable waters, consideration needs to be given to ensuring that aeronautical ground lights do not cause confusion to mariners.</i></p> <p><i>Note 3.— As helicopters will generally come very close to extraneous light sources, it is particularly important to ensure that, unless such lights are navigation lights exhibited in accordance with international regulations, they are screened or located so as to avoid direct and reflected glare.</i></p> <p><i>Note 4.— Systems addressed in sections 5.3.4, 5.3.6, 5.3.7 and 5.3.8 are designed to provide effective lighting cues based on night conditions. Where lights are to be used in conditions other than night (i.e. day or twilight), it may be necessary to increase the intensity of the lighting to maintain effective visual cues by use of a suitable brilliancy control. Guidance is provided in the Aerodrome Design Manual (Doc 9157), Part 4.</i></p> <p><i>Note 5.— The specifications for marking and lighting of obstacles included in Annex 14, Volume I, Chapter 6, are equally applicable to heliports and winching areas.</i></p> <p><i>Note 6.— In cases where operations into a heliport are to be conducted at night with night vision</i></p>									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<i>imaging systems (NVIS), it is important to establish the compatibility of the NVIS with all heliport lighting through an assessment by the helicopter operator prior to use.</i>									
5.3.2.1	<p>5.3.2 Heliport beacon</p> <p>Application</p> <p>5.3.2.1 Recommendation.— <i>A heliport beacon should be provided at a heliport where:</i></p> <p>a) <i>long-range visual guidance is considered necessary and is not provided by other visual means; or</i></p> <p>b) <i>identification of the heliport is difficult due to surrounding lights.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol II The requirement for the provision of an aerodrome beacon is contained in CS ADR-DSN.M. 620
5.3.2.2	<p>Location</p> <p>5.3.2.2 The heliport beacon shall be located on or adjacent to the heliport preferably at an elevated position and so that it does not dazzle a pilot at short range.</p> <p><i>Note.— Where a heliport beacon is likely to dazzle pilots at short range, it may be switched off during the final stages of the approach and landing.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										order to assess compliance with the provision of Annex 14 Vol II The requirement for the provision of an aerodrome beacon is contained in CS ADR-DSN.M. 620
5.3.2.3	<p>Characteristics</p> <p>5.3.2.3 The heliport beacon shall emit repeated series of equispaced short duration white flashes in the format in Figure 5-11.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II The requirement for the provision of an aerodrome beacon is contained in CS ADR-DSN.M. 620
5.3.2.4	5.3.2.4 The light from the beacon shall show at all angles of azimuth.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not	CS HPT-DSN

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

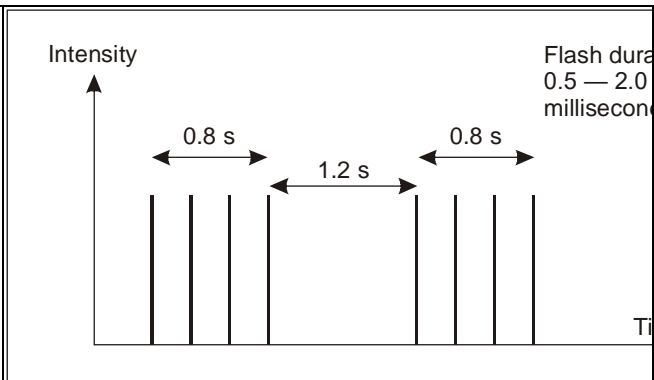


Figure 5-11. Heliport beacon flash characteristics

been transposed

applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II. The requirement for the provision of an aerodrome beacon is contained in CS
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ADR-DSN.M. 620
5.3.2.5	<p>5.3.2.5 Recommendation.— <i>The effective light intensity distribution of each flash should be as shown in Figure 5-12, Illustration 1.</i></p> <p><i>Note.</i>— <i>Where brilliancy control is desired, settings of 10 per cent and 3 per cent have been found to be satisfactory. In addition, shielding may be necessary to ensure that pilots are not dazzled during the final stages of the approach and landing.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has not been transposed CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										IIThe requirement for the provision of an aerodrome beacon is contained in CS ADR-DSN.M. 620
5.3.3.1	<p>5.3.3 Approach lighting system</p> <p>Application</p> <p>5.3.3.1 Recommendation.— <i>An approach lighting system should be provided at a heliport where it is desirable and practicable to indicate a preferred approach direction.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed in such a manner that does not ensure that an approach lighting system is provided

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										where needed The specifica tion applies only to surface level VFR heliports or parts therefor e located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39 CS HPT- DSN applies only to surface- level VFR
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.3.2	<p>Location</p> <p>5.3.3.2 The approach lighting system shall be located in a straight line along the preferred direction of approach.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										assess compliance with the provision of Annex 14 Vol II
5.3.3.3	<p>Characteristics</p> <p>5.3.3.3 Recommendation.— <i>An approach lighting system should consist of a row of three lights spaced uniformly at 30 m intervals and of a crossbar 18 m in length at a distance of 90 m from the perimeter of the FATO as shown in Figure 5-13. The lights forming the crossbar should be as nearly as practicable in a horizontal straight line at right angles to, and bisected by, the line of the centre line lights and spaced at 4.5 m intervals. Where there is the need to make the final approach course more conspicuous, additional lights spaced uniformly at 30 m intervals should be added beyond the crossbar. The lights beyond the crossbar may be steady or sequenced flashing, depending upon the environment.</i></p> <p><i>Note.</i>— <i>Sequenced flashing lights may be useful where identification of the approach lighting system is difficult due to surrounding lights.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (c)(1)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.3.4	5.3.3.4 The steady lights shall be omnidirectional white lights.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (c)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore	CS HPT-DSN applies only to surface-level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.3.5	5.3.3.5 Sequenced flashing lights shall be omnidirectional white lights.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (c)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Sigin ificant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

Elevation	
10°	250 cd*
7°	750 cd*
4°	1 700 cd*
2 1/2°	2 500 cd*
1 1/2°	2 500 cd*
0°	1 700 cd*
-180° Azimuth	+180°
(white light)	

* Effective intensity

Illustration 1 — Heliport beacon

Elevation	
15°	
9°	
6°	
5°	
2°	
0°	
-180° Azimuth	

Illustration 2 — Approach light

Elevation	
30°	10 cd
25°	50 cd
20°	100 cd
10°	
3°	100 cd
0°	10 cd
-180° Azimuth	+180°

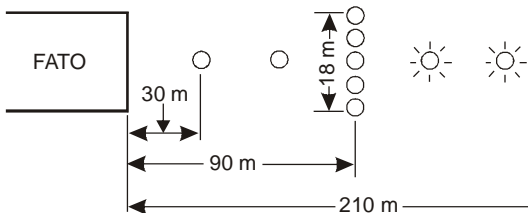
Elevation (E)	
20° < E ≤ 90°	
13° < E ≤ 20°	
10° < E ≤ 13°	
5° < E ≤ 10°	
2° < E ≤ 5°	
-180° Azimuth	(green or blue)

Note.— Additional values may be used in the case of installations requiring a higher intensity by means of the lights.

Illustration 5 — TLOF per flight path alignment guidance

2018/1139 scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	Figure 5-12. Isocandela diagrams									compliance with the provision of Annex 14 Vol II
										
	Figure 5-13. Approach lighting system									
5.3.3.6	5.3.3.6 Recommendation. — <i>The flashing lights should have a flash frequency of one per second and their light distribution should be as shown in Figure 5-12, Illustration 3. The flash sequence should commence from the outermost light and progress towards the crossbar.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess compla nce with the provisio n of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.3.3.7	<p>5.3.3.7 Recommendation.— <i>A suitable brilliancy control should be incorporated to allow for adjustment of light intensity to meet the prevailing conditions.</i></p> <p><i>Note.</i>— <i>The following intensity settings have been found suitable:</i></p> <p><i>a) steady lights — 100 per cent, 30 per cent and 10 per cent; and</i></p> <p><i>b) flashing lights — 100 per cent, 10 per cent and 3 per cent.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.630 (c)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.4.1	<p>5.3.4 Flight path alignment guidance lighting system</p> <p>Application</p> <p>5.3.4.1 Recommendation.— <i>Flight path alignment guidance lighting system(s) should be provided at a heliport where it is desirable and practicable to indicate available approach and/or departure path direction(s).</i></p> <p><i>Note.</i>— <i>The flight path alignment guidance lighting can be combined with the flight path alignment guidance marking described in 5.2.16.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.640(a) GM1 HPT-DSN.F.640	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed in such a manner that does not ensure that a flight path alignment guidance

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										lighting system is provided where needed The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.4.2	<p>Location</p> <p>5.3.4.2 The flight path alignment guidance lighting system shall be in a straight line along the direction(s) of approach and/or departure path on one or more of the TLOF, FATO, safety area or any suitable surface in the immediate vicinity of the FATO, TLOF or safety area.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.640(b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									the scope of Regulation (EU) 2018/1139	at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.4.3	5.3.4.3 Recommendation. — <i>If combined with a flight path alignment guidance marking, as far as is practicable the lights should be located inside the “arrow” markings.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.640(b)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulati

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.4.4	Characteristics 5.3.4.4 Recommendation. — <i>A flight path alignment guidance lighting system should consist of a row of three or more lights spaced uniformly with a total</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>minimum distance of 6 m. Intervals between lights should not be less than 1.5 m and should not exceed 3 m. Where space permits, there should be 5 lights. (See Figure 5-10.)</i></p> <p><i>Note.— The number of lights and spacing between these lights may be adjusted to reflect the space available. If more than one flight path alignment system is used to indicate available approach and/or departure path direction(s), the characteristics for each system are typically kept the same. (See Figure 5-10.)</i></p>	DSN.F.640(c) (1)(2)(3)								surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										order to assess compliance with the provision of Annex 14 Vol II
5.3.4.5	5.3.4.5 The lights shall be steady omnidirectional inset white lights.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.640(c) (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										(e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio n of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										14 Vol II
5.3.4.6	5.3.4.6 Recommendation. — <i>The distribution of the lights should be as indicated in Figure 5-12, Illustration 5.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.640(c) (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.4.7	5.3.4.7 Recommendation. — <i>A suitable control should be incorporated to allow for adjustment of light intensity to meet the prevailing conditions and to balance the flight path alignment guidance lighting system with other heliport lights and general lighting that may be present around the heliport.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.640(c) (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.3.5.1	<p>5.3.5 Visual alignment guidance system</p> <p><i>Note.— The objective of a visual alignment guidance system is to provide conspicuous and discrete cues to assist the pilot to attain and maintain a specified approach track to a heliport. Guidance on suitable visual alignment guidance systems is given in the Heliport Manual (Doc 9261).</i></p> <p>Application</p> <p>Recommendation.— A visual alignment guidance system should be provided to serve the approach to a heliport where one or more of the following conditions exist, especially at night:</p> <p>a) obstacle clearance, noise abatement or traffic control procedures require a particular direction to be flown;</p> <p>b) the environment of the heliport provides few visual surface cues; and</p> <p>c) it is physically impracticable to install an approach lighting system.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been transposed as guidance material GM1 HPT-DSN.F. 650. The current provisions contain specification for location, signal format, light distribution, approach track and azimuth setting, and characteristics of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the visual alignme nt guidanc e system. CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU)
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

5.3.6.1	<p>5.3.6 Visual approach slope indicator</p> <p><i>Note.— The objective of a visual approach slope indicator is to provide conspicuous and discrete colour cues, within a specified elevation and azimuth, to assist the pilot to attain and maintain the approach slope to a desired position within a FATO. Guidance on suitable visual approach slope indicators is given in the Heliport Manual (Doc 9261).</i></p> <p>Application</p> <p>Recommendation.— A visual approach slope indicator should be provided to serve the approach to a heliport, whether or not the heliport is served by other visual approach aids or by non-visual aids, where one or more of the following conditions exist, especially at night:</p> <p>a) obstacle clearance, noise abatement or traffic control procedures require a particular slope to be flown;</p> <p>b) the environment of the heliport provides few visual surface cues; and</p> <p>c) the characteristics of the helicopter require a stabilized approach.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<p>The specification has been transposed as guidance material GM1 HPT-DSN.F. 660(a). The current provisions contain specification for location, signal format, light distribution, approach slope and elevation setting, character</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										<p>istics of the light unit, obstacle protectio n surfaces CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU)</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.3.7.1	<p>5.3.7 FATO lighting systems for onshore surface-level heliports</p> <p><i>Note.— The objective of a FATO lighting system for onshore surface-level heliports is to provide to the pilot operating at night an indication of the shape, location and extent of the FATO.</i></p> <p>Application</p> <p>5.3.7.1 Where a FATO with a solid surface is established at a surface-level heliport intended for use at night, FATO lights shall be provided except that they may be omitted where the FATO and the TLOF are nearly coincidental or the extent of the FATO is self-evident.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.670 (a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	..	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.7.2	<p>Location</p> <p>5.3.7.2 FATO lights shall be placed along the edges of the FATO. The lights shall be uniformly spaced as follows:</p> <p>a) for an area in the form of a square or rectangle, at intervals of not more than 50 m with a</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.670 (b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p>minimum of four lights on each side including a light at each corner; and</p> <p>b) for any other shaped area, including a circular area, at intervals of not more than 5 m with a minimum of ten lights.</p>								therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.7.3	<p>Characteristics</p> <p>5.3.7.3 FATO lights shall be fixed omnidirectional lights showing white. Where the intensity of the lights is to be varied, the lights shall show variable white.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.670 (c)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										assess compliance with the provision of Annex 14 Vol II
5.3.7.4	5.3.7.4 Recommendation. — <i>The light distribution of FATO lights should be as shown in Figure 5-12, Illustration 4.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.670 (c)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.7.5	5.3.7.5 Recommendation. — <i>The lights should not exceed a height of 25 cm and should be inset when a light extending above the surface would endanger helicopter operations. Where a FATO is not meant for lift-off or touchdown, the lights should not exceed a height of 25 cm above ground or snow level.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.670 (c)(3)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										or parts therefor e located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39 CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										the provision of Annex 14 Vol II
5.3.8.1	<p>5.3.8 Aiming point lights</p> <p><i>Note.— The objective of aiming point lights is to provide a visual cue indicating to the pilot by night the preferred approach/departure direction, the point to which the helicopter approaches to a hover before positioning to a TLOF where a touchdown can be made, and that the surface of the FATO is not intended for touchdown.</i></p> <p>Application</p> <p>5.3.8.1 Recommendation.— <i>Where an aiming point marking is provided at a heliport intended for use at night, aiming point lights should be provided.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.680 (a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.8.2	Location 5.3.8.2 Aiming point lights shall be collocated with the aiming point marking.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.680 (b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									the scope of Regulation (EU) 2018/1139	at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										ry framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.8.3	<p>Characteristics</p> <p>5.3.8.3 Aiming point lights shall form a pattern of at least six omnidirectional white lights as shown in Figure 5-7. The lights shall be inset when a light extending above the surface could endanger helicopter operations.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.680 (c)(1)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										provision of Annex 14 Vol II
5.3.8.4	5.3.8.4 Recommendation. — <i>The light distribution of aiming point lights should be as shown in Figure 5-12, Illustration 4.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.680 (c)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.1	5.3.9 TLOF lighting system <i>Note.— The objective of a TLOF lighting system is to provide illumination of the TLOF and required elements within. For a TLOF located in a FATO, the objective is to provide discernibility to the pilot, on a final approach, of the TLOF and required elements within; while for a TLOF located on an elevated heliport, shipboard heliport or helideck, the objective is visual acquisition from a defined range and to provide sufficient shape cues to permit an appropriate approach angle to be established.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (a)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p>Application</p> <p>5.3.9.1 A TLOF lighting system shall be provided at a heliport intended for use at night.</p> <p><i>Note.— Where a TLOF is located in a stand, the objective may be met with the use of ambient lighting or stand floodlighting.</i></p>								of Regulation (EU) 2018/1139	aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.2	<p>5.3.9.2 For a surface-level heliport, lighting for the TLOF in a FATO shall consist of one or more of the following:</p> <p>a) perimeter lights;</p> <p>b) floodlighting;</p> <p>c) arrays of segmented point source lighting (ASPSL) or luminescent panel (LP) lighting to identify the TLOF when a) and b) are not practicable and FATO lights are available.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (a)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol II
5.3.9.3	<p>5.3.9.3 For an elevated heliport, shipboard heliport or helideck, lighting for the TLOF in a FATO shall consist of:</p> <p>a) perimeter lights; and</p> <p>b) ASPSL and/or LPs to identify the TDPM and/or floodlighting to illuminate the TLOF.</p> <p><i>Note.— At elevated heliports, shipboard heliports and helidecks, surface texture cues within the TLOF are essential for helicopter positioning during the final approach and landing. Such cues can be provided using various forms of lighting (ASPSL, LP, floodlights or a combination of these lights, etc.) in addition to perimeter lights. Best results have been demonstrated by the combination of perimeter lights and ASPSL in the form of encapsulated strips of light emitting diodes (LEDs) and inset lights to identify the TDPM and heliport identification markings.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.4	5.3.9.4 Recommendation. — <i>TLOF ASPSL and/or LPs to identify the TDPM and/or floodlighting should be provided at a surface-level heliport intended</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has been

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>for use at night when enhanced surface texture cues are required.</i>									transposed as guidance material GM1 HPT-DSN.F. 690 (a). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
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				Annex Standard or Recommended Practice						

										HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.5	<p>Location</p> <p>5.3.9.5 TLOF perimeter lights shall be placed along the edge of the area designated for use as the TLOF or within a distance of 1.5 m from the edge. Where the TLOF is a circle, the lights shall be:</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (b)(1) and (b)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore	CS HPT-DSN applies only to surface-level VFR heliports

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
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	Annex Standard or Recommended Practice									

	<p>a) located on straight lines in a pattern which will provide information to pilots on drift displacement; and</p> <p>b) where a) is not practicable, evenly spaced around the perimeter of the TLOF at the appropriate interval, except that over a sector of 45 degrees the lights shall be spaced at half spacing.</p>								<p>located at aerodromes falling in the scope of Regulation (EU) 2018/1139. The specification permits to locate the lights evenly spaced around the perimeter in all cases, not only when it is not practicable to locate them on straight line.</p>	<p>or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to</p>
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
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										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.6	<p>5.3.9.6 TLOF perimeter lights shall be uniformly spaced at intervals of not more than 3 m for elevated heliports and helidecks and not more than 5 m for surface-level heliports. There shall be a minimum number of four lights on each side including a light at each corner. For a circular TLOF where lights are installed in accordance with 5.3.9.5 b), there shall be a minimum of fourteen lights.</p> <p><i>Note.— Guidance on this issue is contained in the Heliport Manual (Doc 9261).</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (b)(3)(4)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
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										compliance with the provision of Annex 14 Vol II
5.3.9.7	5.3.9.7 The TLOF perimeter lights shall be installed at an elevated heliport or fixed helideck such that the pattern cannot be seen by the pilot from below the elevation of the TLOF.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 paragraph (e) of Regulation

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				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
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5.3.9.8	5.3.9.8 The TLOF perimeter lights shall be installed on a moving helideck or shipboard heliport such that the pattern cannot be seen by the pilot from below the elevation of the TLOF when the helideck or shipboard heliport is level.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specificati on has not been transposed	CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.9	5.3.9.9 On surface-level heliports, ASPSL or LPs, if provided to identify the TLOF, shall be placed along the marking designating the edge of the TLOF. Where the TLOF is a circle, they shall be located on straight lines circumscribing the area.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (b)(6)(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

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				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
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										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.10	5.3.9.10 On surface-level heliports, the minimum number of LPs on a TLOF shall be nine. The total length of LPs in a pattern shall not be less than 50 per cent of the length of the pattern. There shall be an odd number with a minimum number of three panels on each side of the TLOF including a panel at each corner. LPs shall be uniformly spaced with a distance between adjacent panel ends of not more than 5 m on each side of the TLOF.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (b)(8)(9)(10)(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

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									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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				Level of implementation of SARPs						
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										assess compliance with the provision of Annex 14 Vol II
5.3.9.11	5.3.9.11 Recommendation. — <i>When LPs are used on an elevated heliport or helideck to enhance surface texture cues, the panels should not be placed adjacent to the perimeter lights. They should be placed around a TDPM or coincident with heliport identification marking.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of

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										Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance
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										nce with the provision of Annex 14 Vol II II
5.3.9.12	<p>5.3.9.12 TLOF floodlights shall be located so as to avoid glare to pilots in flight or to personnel working on the area. The arrangement and aiming of floodlights shall be such that shadows are kept to a minimum.</p> <p><i>Note.— ASPSL and LPs used to designate the TDPM and/or heliport identification marking have been shown to provide enhanced surface texture cues when compared to low-level floodlights. Due to the risk of misalignment, if floodlights are used, there will be a need for them to be checked periodically to ensure they remain within the specifications contained within 5.3.9.</i></p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (b)(12)(13)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulati

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										on (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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5.3.9.13	<p>Characteristics</p> <p>5.3.9.13 The TLOF perimeter lights shall be fixed omnidirectional lights showing green.</p>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.14	5.3.9.14 At a surface-level heliport, ASPSL or LPs shall emit green light when used to define the perimeter of the TLOF.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	CS HPT-DSN applies only to surface-level VFR

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									therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.15	5.3.9.15 Recommendation. — <i>The chromaticity and luminance of colours of LPs should conform to Annex 14, Volume I, Appendix 1, 3.4.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes

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										falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU)
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										2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
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5.3.9.16	5.3.9.16 An LP shall have a minimum width of 6 cm. The panel housing shall be the same colour as the marking it defines.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met
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				Annex Standard or Recommended Practice						

										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.17	5.3.9.17 For a surface-level or elevated heliport, the TLOF perimeter lights located in a FATO shall not exceed a height of 5 cm and shall be inset when a light extending above the surface could endanger helicopter operations.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current specification allows TLOF perimeter lights to exceed	The specification will be considered in future rulemaking

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									higher than 5cm. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	ng activities.
5.3.9.18	5.3.9.18 For a helideck or shipboard heliport, the TLOF perimeter lights shall not exceed a height of 5 cm, or for a FATO/TLOF, 15 cm.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	
5.3.9.19	5.3.9.19 Recommendation. — <i>When located within the safety area of a surface-level or elevated heliport, the TLOF floodlights should not exceed a height of 25 cm.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. CS HPT-DSN applies only to

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.20	5.3.9.20 For a helideck or shipboard heliport, the TLOF floodlights shall not exceed a height of 5 cm, or for a FATO/TLOF, 15 cm.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	
5.3.9.21	5.3.9.21 The LPs shall not extend above the surface by more than 2.5 cm.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR	CS HPT-DSN applies only to surface-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									heliports or parts therefore located at aerodrome s falling in the scope of Regulation (EU) 2018/1139	level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.22	5.3.9.22 Recommendation. — <i>The light distribution of the perimeter lights should be as shown in Figure 5-12, Illustration 5.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										14 Vol II
5.3.9.23	5.3.9.23 Recommendation. — <i>The light distribution of the LPs should be as shown in Figure 5-12, Illustration 6.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.24	5.3.9.24 The spectral distribution of TLOF floodlights shall be such that the surface and obstacle markings can be correctly identified.	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU)	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									2018/1139	in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										assess compliance with the provision of Annex 14 Vol II
5.3.9.25	5.3.9.25 Recommendation. — <i>The average horizontal illuminance of the floodlighting should be at least 10 lux, with a uniformity ratio (average to minimum) of not more than 8:1 measured on the surface of the TLOF.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139 CS

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.26	5.3.9.26 Recommendation. — <i>Lighting used to identify the TDPC should comprise a segmented circle of omnidirectional ASPSL strips showing yellow. The segments should consist of ASPSL strips, and the total length of the ASPSL strips should not be less than 50 per cent of the circumference of the circle.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		CS HPT-DSN applies only to surface-level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.9.27	5.3.9.27 Recommendation. — <i>If utilized, the heliport identification marking lighting should be omnidirectional showing green.</i>	Art. 34(5) of Reg. (EU) 2018/1139 and CS HPT-DSN.F.690 (c)(13)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi- ficant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										in the scope of Regulation (EU) 2018/1139 CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139.
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										39 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.10.1	5.3.10 Helicopter stand floodlighting		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current	The specifica

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<p><i>Note.— The objective of helicopter stand floodlighting is to provide illumination of the stand surface and associated markings to assist the manoeuvring and positioning of a helicopter and facilitation of essential operations around the helicopter.</i></p> <p>Application</p> <p>5.3.10.1 Recommendation.— <i>Helicopter stand floodlighting should be provided on a helicopter stand intended to be used at night.</i></p> <p><i>Note.— Guidance on stand floodlighting is given in the apron floodlighting section in the Aerodrome Design Manual (Doc 9157), Part 4.</i></p>								provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	tion will be considered in future rulemaking activities.
5.3.10.2	<p>Location</p> <p>5.3.10.2 Recommendation.— <i>Helicopter stand floodlights should be located so as to provide adequate illumination, with a minimum of glare to the pilot of a helicopter in flight and on the ground, and to personnel on the stand. The arrangement and aiming of floodlights should be such that a helicopter stand receives light from two or more directions to minimize shadows.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	
5.3.10.3	<p>Characteristics</p> <p>5.3.10.3 The spectral distribution of stand floodlights shall be such that the colours used for surface and obstacle marking can be correctly identified.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	The specification will be considered in future rulemaking activities.
5.3.10.4	5.3.10.4 Horizontal and vertical illuminance shall be sufficient to ensure that visual cues are		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The current	The specifica

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigi nifi cant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	discernible for required manoeuvring and positioning, and essential operations around the helicopter can be performed expeditiously without endangering personnel or equipment.								provisions do not address this specification. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014.	tion will be considered in future rulemaking activities.
5.3.11.1	<p>5.3.11 Winching area floodlighting</p> <p><i>Note.— The objective of winching area floodlighting is to provide illumination of the surface and obstacles, and visual cues to assist a helicopter to be positioned over, and retained within, an area from which a passenger or equipment can be lowered or raised.</i></p> <p>Application</p> <p>5.3.11.1 Winching area floodlighting shall be provided at a winching area intended for use at night.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.11.2	<p>Location</p> <p>5.3.11.2 Winching area floodlights shall be located so as to avoid glare to pilots in flight or to personnel working on the area. The arrangement and aiming of floodlights shall be such that shadows are kept to a minimum.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/11

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess compliance with the provisio
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										n of Annex 14 Vol II
5.3.11.3	<p>Characteristics</p> <p>5.3.11.3 The spectral distribution of winching area floodlights shall be such that the surface and obstacle markings can be correctly identified.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.11.4	5.3.11.4 Recommendation. — <i>The average horizontal illuminance should be at least 10 lux, measured on the surface of the winching area.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										transpos ed CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
5.3.12	5.3.12 Taxiway lights <i>Note.— The specifications for taxiway centre line lights and taxiway edge lights in Annex 14, Volume I, 5.3.17 and 5.3.18, are equally applicable to taxiways intended for ground taxiing of helicopters.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

5.3.13	<p>5.3.13 Visual aids for denoting obstacles outside and below the obstacle limitation surface</p> <p><i>Note.— Arrangements for an aeronautical study of objects outside the obstacle limitation surface and for other objects are addressed in Annex 14, Volume I, Chapter 4.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.3.13.1	<p>5.3.13.1 Recommendation.— <i>Where an aeronautical study indicates that obstacles in areas outside and below the boundaries of the obstacle limitation surface established for a heliport constitute a hazard to helicopters, they should be marked and lit, except that the marking may be omitted when the obstacle is lighted with high-intensity obstacle lights by day.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking activities.
5.3.13.2	<p>5.3.13.2 Recommendation.— <i>Where an aeronautical study indicates that overhead wires or cables crossing a river, waterway, valley or highway constitute a hazard to helicopters, they should be marked, and their supporting towers marked and lit.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
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				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										transposed. The specification will be considered in future rulemaking activities.
5.3.14.1	<p>5.3.14 Floodlighting of obstacles</p> <p>Application</p> <p>5.3.14.1 At a heliport intended for use at night, obstacles shall be floodlighted if it is not possible to display obstacle lights on them.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as guidance material GM1 HPT-DSN.F.710 (a). The specification applies only to surface level VFR heliports or parts therefore located at	CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU)

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									aerodrome s falling in the scope of Regulation (EU) 2018/1139	2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framework in order to assess complia nce with the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										provision of Annex 14 Vol II
5.3.14.2	<p>Location</p> <p>5.3.14.2 Obstacle floodlights shall be arranged so as to illuminate the entire obstacle and as far as practicable in a manner so as not to dazzle pilots.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The specification has been transposed as guidance material GM1 HPT-DSN.F.710 (b). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139</p>	<p>CS HPT-DSN applies only to surface-level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139</p>

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										contains criteria that need to be met for an aerodro me to be within its scope. States will also have to use their national regulato ry framewo rk in order to assess complia nce with the provisio n of Annex 14 Vol II
5.3.14.3	<i>Characteristics</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specifica tion has

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	5.3.14.3 Recommendation. — <i>Obstacle floodlighting should be such as to produce a luminance of at least 10 cd/m².</i>									been transposed as guidance material GM1 HPT-DSN.F. 710 (c). The specification applies only to surface level VFR heliports or parts therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										CS HPT- DSN applies only to surface- level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
6.1.1	CHAPTER 6. HELIPORT EMERGENCY RESPONSE 6.1 Heliport emergency planning <i>Introductory Note.— Heliport emergency planning is the process of preparing a heliport to cope</i>	ADR.OPS.B. 005 (a) Reg.(EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification applies only to surface level VFR heliports or parts	The requirements for the aerodrome's emergency plan

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<p><i>with an emergency that takes place at the heliport or in its vicinity. Examples of emergencies include crashes on or off the heliport, medical emergencies, dangerous goods occurrences, fires and natural disasters. The purpose of heliport emergency planning is to minimize the impact of an emergency by saving lives and maintaining helicopter operations. The heliport emergency plan sets out the procedures for coordinating the response of heliport agencies or services (air traffic services unit, firefighting services, heliport administration, medical and ambulance services, aircraft operators, security services and police) and the response of agencies in the surrounding community (fire departments, police, medical and ambulance services, hospitals, military, and harbour patrol or coast guard) that could be of assistance in responding to the emergency.</i></p> <p>6.1.1 A heliport emergency plan shall be established commensurate with the helicopter operations and other activities conducted at the heliport.</p>								therefore located at aerodromes falling in the scope of Regulation (EU) 2018/1139	are contained in Regulation (EU) 139/2014 and related AMC/GM and cover the VFR heliports located at the aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
6.1.2	6.1.2 The plan shall identify agencies which could be of assistance in responding to an emergency at the heliport or in its vicinity.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has been transposed as	Subject to review by RMT.05 91;

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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									guidance material GM1 ADR.OPS. B.005 (b)para (a). The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139	AMC/GM Amendment 3.
6.1.3	6.1.3 Recommendation. — <i>The heliport emergency plan should provide for the coordination of the actions to be taken in the event of an emergency occurring at a heliport or in its vicinity.</i>	ADR.OPS.B.005 (b) Reg.(EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi- ficant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. The requirements for the aerodrome's emergency plan are contained in Regulation (EU) 139/2014 and related AMC/GM and cover the VFR
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										heliports located at the aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
6.1.4	6.1.4 Recommendation. — <i>Where an approach/departure path at a heliport is located over water, the plan should identify which agency is responsible for coordinating rescue in the event of a helicopter ditching and indicate how to contact that agency.</i>	ADR.OPS.B.005 (b) Reg.(EU) 139/2014, AMC1 ADR.OPS.B.005(b) para (a), AMC2 ADR.OPS.B.005(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										Regulation (EU) 2018/1139 The requirements for the aerodrome's emergency plan are contained in Regulation (EU) 139/2014 and related AMC/GM and cover the VFR heliports located at the aerodromes falling in the scope of Regulation
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
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										on (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
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										the provision of Annex 14 Vol II
6.1.5	<p>6.1.5 Recommendation.— <i>The plan should include, as a minimum, the following information:</i></p> <p><i>a) the types of emergencies planned for;</i></p> <p><i>b) how to initiate the plan for each emergency specified;</i></p> <p><i>c) the name of agencies on and off the heliport to contact for each type of emergency with telephone numbers or other contact information;</i></p> <p><i>d) the role of each agency for each type of emergency;</i></p> <p><i>e) a list of pertinent on-heliport services available with telephone numbers or other contact information;</i></p> <p><i>f) copies of any written agreements with other agencies for mutual aid and the provision of emergency services; and</i></p> <p><i>g) a grid map of the heliport and its immediate vicinity.</i></p>	ADR.OPS.B.005 (b) Reg.(EU) 139/2014, AMC2 ADR.OPS.B.005(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. The requirements for the aerodro

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				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										me's emergen cy plan are containe d in Regulati on (EU) 139/201 4 and related AMC/G M and cover the VFR heliports located at the aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
6.1.6	6.1.6 Recommendation. — <i>All agencies identified in the plan should be consulted about their role in the plan.</i>	ADR.OPS.B.005 (b) Reg.(EU)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification

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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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		139/2014, AMC2 ADR.OPS.B. 005(b)								applies only to surface level VFR heliports or parts thereof located at aerodro mes falling in the scope of Regulati on (EU) 2018/11 39 The require ments for the aerodro me's emergen cy plan are containe d in Regulati on (EU) 139/201
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										4 and related AMC/GM and cover the VFR heliports located at the aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
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				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										its scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
6.1.7	6.1.7 Recommendation. — <i>The plan should be reviewed and the information in it updated at least yearly or, if deemed necessary, after an actual emergency, so as to correct any deficiency found during an actual emergency.</i>	ADR.OPS.B.005 (c) Reg.(EU) 139/2014, AMC1 ADR.OPS.B.005(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification applies only to surface level VFR heliports or parts thereof located

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										at aerodromes falling in the scope of Regulation (EU) 2018/1139. The requirements for the aerodrome's emergency plan are contained in Regulation (EU) 139/2014 and related AMC/GM and cover the VFR heliports located at the
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
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										aerodromes falling in the scope of Regulation (EU) 2018/1139. Art. 2 para (e) of Regulation (EU) 2018/1139 contains criteria that need to be met for an aerodrome to be within its scope. States will also have to use their national regulatory
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										framework in order to assess compliance with the provision of Annex 14 Vol II
6.1.8	6.1.8 Recommendation. — <i>A test of the emergency plan should be carried out at least once every three years.</i>	ADR.OPS.B.005 (c) Reg.(EU) 139/2014, AMC1 ADR.OPS.B.005(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The provision foresees that the full-scale aerodrome emergency exercise shall be conducted every two years. The specification applies

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
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				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										only to surface level VFR heliports or parts thereof located at aerodromes falling in the scope of Regulation (EU) 2018/1139. The requirements for the aerodrome's emergency plan are contained in Regulation (EU) 139/2014 and
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										related AMC/G M and cover the VFR heliports located at the aerodro mes falling in the scope of Regulati on (EU) 2018/11 39. Art. 2 para (e) of Regulati on (EU) 2018/11 39 contains criteria that need to be met for an aerodro me to be within its
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										scope. States will also have to use their national regulatory framework in order to assess compliance with the provision of Annex 14 Vol II
6.2.1.1	<p>6.2 Rescue and firefighting</p> <p><i>Introductory Note.— It is important this section be read in conjunction with the appropriate detailed guidance on rescue and firefighting options given in the Heliport Manual (Doc 9261).</i></p> <p><i>Provisions described in this section are intended to address incidents or accidents within the heliport response area only. No dedicated firefighting provisions are included for helicopter accidents or incidents that may occur outside the response area, such as on an adjacent roof near an elevated heliport.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
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	<p><i>Complementary agents are ideally dispensed from one or two extinguishers (although more extinguishers may be permitted where high volumes of an agent are specified, e.g. H3 operations). The discharge rate of complementary agents needs to be selected for optimum effectiveness of the agent used. When selecting dry chemical powders for use with foam, care needs to be exercised to ensure compatibility. Complementary agents need to comply with the appropriate specifications of the International Organization for Standardization (ISO).</i></p> <p><i>Where a fixed monitor system (FMS) is installed, trained monitor operators, where provided, are positioned on at least the upwind location to ensure primary media is directed to the seat of the fire. For a ring-main system (RMS) practical testing has indicated that these solutions are only guaranteed to be fully effective for TLOFs up to 20 m diameter. If the TLOF is greater than 20 m, an RMS should not be considered unless supplemented by other means to distribute primary media (e.g. additional pop-up nozzles installed in the centre of the TLOF).</i></p> <p><i>The International Convention for the Safety of Life at Sea (SOLAS) sets forth provisions on rescue and firefighting (RFF) arrangements for purpose-built and non-purpose-built shipboard heliports in SOLAS regulations II 2/18, II-2-Helicopter Facilities, and the SOLAS Fire Safety Systems Code.</i></p> <p><i>It may therefore be assumed that this chapter does not include RFF arrangements for purpose built or</i></p>									
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	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
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				Annex Standard or Recommended Practice						

	<p><i>non-purpose-built shipboard heliports or for winching areas.</i></p> <p>6.2.1 Applicability</p> <p>6.2.1.1 The following specifications shall apply to new builds or replacement of existing systems or part thereof from 1 January 2023: 6.2.2.1, 6.2.3.3, 6.2.3.4, 6.2.3.6, 6.2.3.7, 6.2.3.9, 6.2.3.10, 6.2.3.12, 6.2.3.13 and 6.2.4.2.</p> <p><i>Note.— For areas for the exclusive use of helicopters at aerodromes primarily for the use of aeroplanes, distribution of extinguishing agents, response time, rescue equipment and personnel have not been considered in this section. See Annex 14, Volume I, Chapter 9.</i></p>									
6.2.1.2	6.2.1.2 Rescue and firefighting equipment and services shall be provided at helidecks and at elevated heliports located above occupied structures.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking activities.
6.2.1.3	6.2.1.3 Recommendation. — <i>A safety risk assessment should be performed to determine the need for RFF equipment and services at surface-level heliports</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<p><i>and elevated heliports located above unoccupied structures.</i></p> <p><i>Note.— Further guidance on factors to inform the safety risk assessment, including staffing models for heliports with only occasional movements and examples of unoccupied areas that may be located beneath elevated heliports, is given in the Heliport Manual (Doc 9261).</i></p>									not been transposed. The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.2.1	<p>6.2.2 Level of protection provided</p> <p>6.2.2.1 For the application of primary media, the discharge rate (in litres/minute) applied over the assumed practical critical area (in m²) shall be predicated on a requirement to bring any fire which may occur on the heliport under control within one minute, measured from activation of the system at the appropriate discharge rate.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking activities.
6.2.2.2	<i>Practical critical area calculation where primary media is applied as a solid stream</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The level of protection is determined	The specification for stand-alone

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				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<p><i>Note.— This section is not applicable to helidecks regardless of how primary media is being delivered.</i></p> <p>6.2.2.2 Recommendation.— <i>The practical critical area should be calculated by multiplying the helicopter fuselage length (m) by the helicopter fuselage width (m) plus an additional width factor (W1) of 4 m. Categorization from H0 to H3 should be determined on the basis of the fuselage dimensions in Table 6-1.</i></p> <p><i>Note 1.— For helicopters which exceed one or both of the dimensions for a category H3 heliport, it will be necessary to recalculate the level of protection using practical critical area assumptions based on the actual fuselage length and the actual fuselage width of the helicopter plus an additional width factor (W1) of 6 m.</i></p> <p><i>Note 2.— The practical critical area may be considered on a helicopter type-specific basis by using the formula in 6.2.2.2. Guidance on practical critical area in relation to the heliport firefighting category is given in the Heliport Manual (Doc 9261) where a discretionary 10 per cent tolerance on fuselage dimension “upper limits” is applied.</i></p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
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	(3)									
	H0 up to but not including 8 m 1.5									
	H1 from 8 m up to but not including 12 m 2									
	H2 from 12 m up to but not including 16 m 2.5									
	H3 from 16 m up to 20 m 3									
6.2.2.3	<p>Practical critical area calculation where primary media is applied in a dispersed pattern</p> <p>6.2.2.3 Recommendation.— For heliports, except helidecks, the practical critical area should be based on an area contained within the heliport perimeter, which always includes the TLOF, and to the extent that it is load-bearing, the FATO.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The aerodrome RFFS specifications apply. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	The specification for stand-alone heliports will be considered in future rulemaking activities.

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6.2.2.4	<p>6.2.2.4 Recommendation.— <i>For helidecks, the practical critical area should be based on the largest circle capable of being accommodated within the TLOF perimeter.</i></p> <p><i>Note.</i>— <i>Paragraph 6.2.2.4 is applied for the practical critical area calculation for helidecks regardless of how primary media is being delivered.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking activities.
6.2.3.1	<p>6.2.3 Extinguishing agents</p> <p><i>Note 1.</i>— <i>Throughout section 6.2.3, the discharge rate of a performance level B foam is assumed to be based on an application rate of 5.5 L/min/m², and for a performance level C foam and for water, is assumed to be based on an application rate of 3.75 L/min/m². These rates may be reduced if, through practical testing, a State demonstrates that the objectives of 6.2.2.1 can be achieved for a specific foam use at a lower discharge rate (L/min).</i></p> <p><i>Note 2.</i>— <i>Information on the required physical properties and fire extinguishing performance criteria needed for a foam to achieve an acceptable performance level B or C rating is given in the Airport Services Manual (Doc 9137), Part 1.</i></p> <p>Surface level heliports with primary media applied as a solid</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The amount of media and agents is determined in accordance with the provisions applicable to aerodromes. In addition, the current provisions apply only for VFR heliports located at aerodrome	The specification for stand-alone heliports will be considered in future rulemaking activities.

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	<p>stream using a portable foam application system (PFAS)</p> <p><i>Note.— Except for a limited-sized surface-level heliport, the assumption is made that foam dispensing equipment will be transported to the incident or accident location on an appropriate vehicle (a PFAS).</i></p> <p>6.2.3.1 Recommendation.— Where a rescue and firefighting service (RFFS) is provided at a surface-level heliport, the amount of primary media and complementary agents should be in accordance with Table 6 2.</p> <p><i>Note.— The minimum discharge duration in Table 6-2 is assumed to be two minutes. However, if the availability of back-up specialist fire services is remote from the heliport, consideration may need to be given to increasing the discharge duration from two minutes to three minutes.</i></p> <p>Table 6-2. Minimum usable amounts of extinguishing agents for surface-level heliports</p> <table><tr><th colspan="3">Foam meeting performance level B</th><th colspan="2">Foam meeting performance level C</th><th colspan="2">Complementary agents</th></tr><tr><td>Caterpillar (1)</td><td>Water (L) (2)</td><td>Discharge rate foam solution/</td><td>Water (L) (4)</td><td>Discharge rate foam solution/</td><td>Dry chemical powder</td><td>Gaseous medical</td></tr></table>						Foam meeting performance level B			Foam meeting performance level C		Complementary agents		Caterpillar (1)	Water (L) (2)	Discharge rate foam solution/	Water (L) (4)	Discharge rate foam solution/	Dry chemical powder	Gaseous medical								s falling in the scope of Regulation (EU) 139/2014	
Foam meeting performance level B			Foam meeting performance level C		Complementary agents																								
Caterpillar (1)	Water (L) (2)	Discharge rate foam solution/	Water (L) (4)	Discharge rate foam solution/	Dry chemical powder	Gaseous medical																							

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	<table><tr><td></td><td><i>minute (L) (3)</i></td><td><i>minute (L) (5)</i></td><td><i>er (kg) (6)</i></td><td><i>(7)</i></td><td></td><td></td></tr><tr><td>H0</td><td>500</td><td>250</td><td>330</td><td>165</td><td>23</td><td>9</td></tr><tr><td>H1</td><td>800</td><td>400</td><td>540</td><td>270</td><td>23</td><td>9</td></tr><tr><td>H2</td><td>1 200</td><td>600</td><td>800</td><td>400</td><td>45</td><td>18</td></tr><tr><td>H3</td><td>1 600</td><td>800</td><td>1 100</td><td>550</td><td>90</td><td>36</td></tr></table>								<i>minute (L) (3)</i>	<i>minute (L) (5)</i>	<i>er (kg) (6)</i>	<i>(7)</i>			H0	500	250	330	165	23	9	H1	800	400	540	270	23	9	H2	1 200	600	800	400	45	18	H3	1 600	800	1 100	550	90	36								
	<i>minute (L) (3)</i>	<i>minute (L) (5)</i>	<i>er (kg) (6)</i>	<i>(7)</i>																																														
H0	500	250	330	165	23	9																																												
H1	800	400	540	270	23	9																																												
H2	1 200	600	800	400	45	18																																												
H3	1 600	800	1 100	550	90	36																																												
6.2.3.2	<p><i>Elevated heliports with primary media applied as a solid stream using a fixed foam application system (FFAS)</i></p> <p><i>Note.— The assumption is made that primary media (foam) will be delivered through a fixed foam application system such as an FMS.</i></p> <p>6.2.3.2 Recommendation.— <i>Where an RFFS is provided at an elevated heliport, the amount of foam media and complementary agents should be in accordance with Table 6-3.</i></p> <p><i>Note 1.— The minimum discharge duration in Table 6-3 is assumed to be five minutes.</i></p> <p><i>Note 2.— For guidance on the provision of additional hand-controlled foam branches for the application of aspirated foam, see the Heliport Manual (Doc 9261).</i></p>							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking activities.																																			

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				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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	<div>Table 6-3. Minimum usable amounts of extinguishing agents for elevated heliports</div> <table><tr><th colspan="2">Foam meeting performance level B</th><th colspan="2">Foam meeting performance level C</th><th colspan="3">Complementary agents</th></tr><tr><th>Cat</th><th>Water solution/minute</th><th>Discharge rate foam</th><th>Water solution/minute</th><th>Discharge rate foam</th><th>Dry chemical powder</th><th>Gaseous media</th></tr><tr><th>ego</th><th>(L)</th><th>(L)</th><th>(L)</th><th>(L)</th><th>(kg)</th><th>(kg)</th></tr><tr><th>ry</th><th>(1)</th><th>(2)</th><th>(3)</th><th>(4)</th><th>(5)</th><th>(6)</th></tr><tr><th>(1)</th><th>(2)</th><th>(3)</th><th>(4)</th><th>(5)</th><th>(6)</th><th>(7)</th></tr><tr><td>H0</td><td>1 250</td><td>250</td><td>825</td><td></td><td>165</td><td>23 9</td></tr><tr><td>H1</td><td>2 000</td><td>400</td><td>1 350</td><td>270</td><td>45</td><td>18</td></tr><tr><td>H2</td><td>3 000</td><td>600</td><td>2 000</td><td>400</td><td>45</td><td>18</td></tr><tr><td>H3</td><td>4 000</td><td>800</td><td>2 750</td><td>550</td><td>90</td><td>36</td></tr></table>							Foam meeting performance level B		Foam meeting performance level C		Complementary agents			Cat	Water solution/minute	Discharge rate foam	Water solution/minute	Discharge rate foam	Dry chemical powder	Gaseous media	ego	(L)	(L)	(L)	(L)	(kg)	(kg)	ry	(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	H0	1 250	250	825		165	23 9	H1	2 000	400	1 350	270	45	18	H2	3 000	600	2 000	400	45	18	H3	4 000	800	2 750	550	90	36									
Foam meeting performance level B		Foam meeting performance level C		Complementary agents																																																																											
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H2	3 000	600	2 000	400	45	18																																																																									
H3	4 000	800	2 750	550	90	36																																																																									
6.2.3.3	Elevated heliports/limited-sized surface-level heliports with primary media applied in a dispersed pattern through an FFAS — a solid-plate heliport								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has																																																															

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	6.2.3.3 Recommendation. — <i>The amount of water required for foam production should be predicated on the practical critical area (m²) multiplied by the appropriate application rate (L/min/m²), giving a discharge rate for foam solution (in L/min). The discharge rate should be multiplied by the discharge duration to calculate the amount of water needed for foam production.</i>									not been transposed. The specification will be considered in future rulemaking activities.
6.2.3.4	6.2.3.4 Recommendation. — <i>The discharge duration should be at least three minutes.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking activities.
6.2.3.5	6.2.3.5 Recommendation. — <i>Complementary media should be in accordance with Table 6-3, for H2 operations.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The aerodrome RFFS specification	The specification for stand-

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Significant Difference			
				Level of implementation of SARPs						
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>Note.— For helicopters with a fuselage length greater than 16 m and/or a fuselage width greater than 2.5 m, complementary media in Table 6-3 for H3 operations may be considered.</i>								ons apply. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	alone heliports will be considered in future rulemaking activities.
6.2.3.6	<p>Purpose-built elevated heliports/limited-sized surface-level heliports with primary media applied in a dispersed pattern through a fixed application system (FAS) — a passive fire retarding surface with water-only deck integrated firefighting system (DIFFS)</p> <p>6.2.3.6 Recommendation.— The amount of water required should be predicated on the practical critical area (m²) multiplied by the appropriate application rate (3.75 L/min/m²) giving a discharge rate for water (in L/min). The discharge rate should be multiplied by the discharge duration to determine the total amount of water needed.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

6.2.3.7	6.2.3.7 Recommendation. — <i>The discharge duration should be at least two minutes.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking activities.
6.2.3.8	6.2.3.8 Recommendation. — <i>Complementary media should be in accordance with Table 6-3 for H2 operations.</i> <i>Note.— For helicopters with a fuselage length greater than 16 m and/or a fuselage width greater than 2.5 m, complementary media for H3 operations may be considered.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The aerodrome RFFS specifications apply. In addition, the current provisions apply only for VFR heliports located at

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										aerodromes falling in the scope of Regulation (EU) 139/2014. The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.3.9	<p><i>Purpose-built helidecks with primary media applied in a solid stream or a dispersed pattern through a fixed foam application system (FFAS) — a solid-plate heliport</i></p> <p>6.2.3.9 Recommendation.— <i>The amount of water required for foam media production should be predicated on the practical critical area (m²) multiplied by the application rate (L/min/m²) giving a discharge rate for foam solution (in L/min). The discharge rate should</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification for stand-alone heliports

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

	<i>be multiplied by the discharge duration to calculate the amount of water needed for foam production.</i>									will be considered in future rulemaking activities.
6.2.3.10	6.2.3.10 Recommendation. — <i>The discharge duration should be at least five minutes.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.3.11	6.2.3.11 Recommendation. — <i>Complementary media should be in accordance with Table 6-3 to H0 levels for helidecks up to and including 16.0 m and to H1/H2 levels for helidecks greater than 16.0 m. Helidecks greater than 24 m should adopt H3 levels.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

	<i>Note.— For guidance on the provision of additional hand-controlled foam branches for the application of aspirated foam, see the Heliport Manual (Doc 9261).</i>									specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.3.12	<p>Purpose-built helidecks with primary media applied in a dispersed pattern through an FAS — a passive fire-retarding surface with water-only DIFFS</p> <p>6.2.3.12 Recommendation.— <i>The amount of water required should be predicated on the practical critical area (m²) multiplied by the application rate (3.75 L/min/m²) giving a discharge rate for water (in L/min). The discharge rate should be multiplied by the discharge duration to calculate the amount of water needed.</i></p> <p><i>Note.— Sea-water may be used.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification for stand-alone heliports will be considered in future rulemaking activities.

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signi ficant Differ ence			
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

6.2.3.13	6.2.3.13 Recommendation. — <i>The discharge duration should be at least three minutes.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.3.14	6.2.3.14 Recommendation. — <i>Complementary media should be in accordance with Table 6-3 to H0 levels for helidecks up to and including 16.0 m and to H1/H2 levels for helidecks greater than 16.0 m. Helidecks greater than 24 m should adopt H3 levels.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification for stand-alone heliports will be considered in

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										future rulemaking activities.
6.2.4.1	<p>6.2.4 Response time</p> <p>6.2.4.1 Recommendation.— <i>At surface-level heliports, the operational objective of the RFF response should be to achieve response times not exceeding two minutes in optimum conditions of visibility and surface conditions.</i></p> <p><i>Note.</i>— <i>Response time is considered to be the time between the initial call to the RFFS and the time when the first responding vehicle(s) (the service) is (are) in position to apply foam at a rate of at least 50 per cent of the discharge rate specified in Table 6-2.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.4.2	<p>6.2.4.2 Recommendation.— <i>At elevated heliports, limited-sized surface-level heliports and helidecks, the response time for the discharge of primary media at the required application rate should be 15 seconds measured from system activation. If RFF personnel are needed, they should be immediately available on or in the vicinity of the heliport while helicopter movements are taking place.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will

	European Union Aviation Safety Agency-Annex 14 Amendment 9	State Reference	Difference					Not Applicable	Details of Difference	Remarks
Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Sigini ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

										be considered in future rulemaking activities.
6.2.5.1	<p>6.2.5 Rescue arrangements</p> <p>Recommendation.— <i>Rescue arrangements commensurate with the overall risk of the helicopter operation should be provided at the heliport.</i></p> <p><i>Note.</i>— <i>Guidance on rescue arrangements, e.g. options for rescue and for personal protective equipment to be provided at a heliport, is given in the Heliport Manual (Doc 9261).</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The aerodrome RFFS specifications apply. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/201

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exactin g or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
	Annex Standard or Recommended Practice									

										4 The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.6.1	6.2.6 Communication and alerting system Recommendation. — <i>A suitable alerting and/or communication system should be provided in accordance with the emergency response plan.</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The aerodrome RFFS specifications apply. In addition, the current provisions apply only for VFR heliports located at aerodromes

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Significant Difference			
				A) More Exacting or Exceeds	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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										falling in the scope of Regulation (EU) 139/2014 The specification for stand-alone heliports will be considered in future rulemaking activities.
6.2.7.1	<p>6.2.7 Personnel</p> <p><i>Note.— The provision of RFF personnel may be determined by use of a task/resource analysis. Guidance is given in the Heliport Manual (Doc 9261).</i></p> <p>6.2.7.1 Where provided, the number of RFF personnel shall be sufficient for the required task.</p>	ADR.OPS.B.010 (a)(2) Reg (EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The aerodrome RFFS specifications apply and RFSS personnel are always provided. In addition, the current provisions	The specification for stand-alone heliports will be considered in future rulemaking

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signi ficant Differ ence			
				Level of implementation of SARPs						
				A) More Exact ing or Exceed s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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									apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014	activities.
6.2.7.2	6.2.7.2 Where provided, RFF personnel shall be trained to perform their duties, and maintain their competence.	ADR.OPS.B. 010(a)(3) Reg (EU) 139/2014	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The aerodrome RFFS specifications apply and RFSS personnel are always provided and trained. In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of	The specification for stand-alone heliports will be considered in future rulemaking activities.

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes						
				Level of implementation of SARPs			Signifi- cant Differ- ence			
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
				Annex Standard or Recommended Practice						

									Regulation (EU) 139/2014.	
6.2.7.3	6.2.7.3 Rescue and firefighting personnel shall be provided with protective equipment.	ADR.OPS.B. 010(a)(3) of Regulation (EU) 139/2014.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The aerodrome RFFS specifications apply and RFFS personnel are always provided, properly trained, equipped and qualified . In addition, the current provisions apply only for VFR heliports located at aerodromes falling in the scope of Regulation (EU) 139/2014..	The specification will be considered in future rulemaking activities.

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Annex Reference & SARP Identifier	AERODROMES - VOLUME II HELIPORTS		No	Yes			Signifi- cant Differ- ence			
				Level of implementation of SARPs						
				A) More Exactin- g or Exceed- s	B) Different in character or Other means of compliance	C) Less protective or partially implemented or not implemented				
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6.2.8.1	<p>6.2.8 Means of escape</p> <p>6.2.8.1 Elevated heliports and helidecks shall be provided with a main access and at least one additional means of escape.</p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The specification has not been transposed.	The specification will be considered in future rulemaking activities.
6.2.8.2	<p>6.2.8.2 Recommendation.— <i>Access points should be located as far apart from each other as is practicable.</i></p> <p><i>Note.— The provision of an alternative means of escape is necessary for evacuation and for access by RFF personnel. The size of an emergency access/egress route may require consideration of the number of passengers and of special operations such as helicopter emergency medical services that require passengers to be carried on stretchers or trolleys.</i></p>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		The specification has not been transposed. The specification will be considered in future rulemaking activities.