SA 365 / AS 365 / EC 155

TCDSN No.: EASA.R.105

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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.R.105

for

SA 365 / AS 365 / EC 155

Type Certificate Holder: Airbus Helicopters

Aéroport International Marseille - Provence 13725 Marignane cedex France

For models: SA 365 C1, SA 365 C2, SA 365 C3, SA 365 N, SA 365 N1

> AS 365 N2, AS 365 N3 EC 155 B, EC 155 B1



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Type Certificate Holder¹ Airbus Helicopters Aircraft Type Designation¹ AS 365 N2

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 1C2

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 8 (8.4.1)

ΓΛΩ	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		°00
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D198	4,250	4,250	93.2	96.3	91.2	95.3	96.1	97.3	-

¹ See Note 1.



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Type Certificate Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ **AS 365 N3**

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arriel 2C

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I Chapter¹ 8 (8.4.1)

FACA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		200
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D83	4,300	4,300	93.0	96.3	90.5	95.3	96.1	97.3	-



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Type Certificate Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ EC 155 B

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arriel 2C1

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 8 (8.4.1)

FACA	Maximu	ım Mass	Take-O	ff EPNL	Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D86	4,800	4,800	92.2	96.8	88.9	95.8	95.7	97.8	-



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Type Certificate Holder¹ Airbus Helicopters Aircraft Type Designation¹ EC 155 B1

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 2C2

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D87	4,920	4,920	92.2	96.9	88.9	95.9	95.7	97.9	-
D295	4,850	4,850	92.2	96.9	88.9	95.9	95.7	97.9	-



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Type Certificate Holder¹ Airbus Helicopters Aircraft Type Designation¹ SA 365 C1

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 1A1

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 8 (8.4.1)

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D372	3,400	3,400	-	-	-	-	-	-	2

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Aircraft Type Designation¹ SA 365 C2

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 1A2

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 8 (8.4.1)

EACA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D377	3,500	3,500	-	-	-	-	-	-	2

None



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Type Certificate Holder¹ **Airbus Helicopters** Aircraft Type Designation¹ SA 365 C3

Engine Manufacturer¹ **Safran Helicopter Engines** Engine Type Designation¹ Arriel 1C

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels¹

Edition / Amendment **Noise Certification Basis** ICAO Annex 16, Volume I Chapter¹ 8 (8.4.1)

EACA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D248	3,500	3,500	-	-	-	-	-	-	2

¹ See Note 1.



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Type Certificate Holder¹ Airbus Helicopters Aircraft Type Designation¹ SA 365 N

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 1C

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

None

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 7 Chapter¹ 8

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		\$00
EASA Record No.	Take-off¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D253	4,000	4,000	-	-	-	-	-	-	2



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Type Certificate Holder¹ Airbus Helicopters Aircraft Type Designation¹ SA 365 N1

Engine Manufacturer¹ Safran Helicopter Engines Engine Type Designation¹ Arriel 1C1

Additional modifications essential to meet the requirements or needed to attain the

certificated noise levels¹

None

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Edition 3 / Amendment 7 Chapter¹ 8

EASA	Maximu	ım Mass	Take-Off EPNL		Overflight EPNL		Approach EPNL		500
EASA Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	See Note
D292	4,100	4,100	-	-	-	-	-	-	2



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CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.R.105 Notes

- 1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
- 2. This aircraft type conforms with the provisions of Art 9 (2) 1st subparagraph of Regulation (EU)2018/1139 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification.

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Change Record

Issue	Date	Changes
Issue 1	07 January 2014	Initial Issue
Issue 2	25 February 2014	Record number changed to avoid duplication.
Issue 3	19 February 2020	Surrender of models SA 365 C and SA 366 G1;
		Engine manufacturer revised from "Turbomeca" to "Safran Helicopter
		Engines"
Issue 4	18 July 2022	Type designation harmonized

-END-