



Aircrew Training Conference

How to obtain,
implement and to
maintain the
operational data?

OSD acquisition, implementation and uphold

- **There is no real issue for acquiring OSD although they cannot be any longer downloaded directly from EASA website**
- **Implementation in training programme raises questions**
- **Uphold has not been experienced yet**

1. OSD acquisition, implementation and uphold



List of OSD TC/STC holders contacts

Revision date: 09 January 2017

Nr.	TC/STC Holder	Types/Models	CONTACT(S)
1	328 SUPPORT SERVICES GMBH	All	OSD@328.eu
2	AEROSTAR AIRCRAFT CORPORATION	All	info@aerostaraircraft.com
3	AIR TRACTOR, INC.	All	ATOSD@airtractor.com
4	AIRBUS	All	Operational Suitability Certification page of the external portal Airbus World.
		All	Ops-suitability.support@airbus.com
5	AIRBUS DEFENCE AND SPACE GmbH	All	ulrich.hagmann@airbus.com
6	AIRBUS HELICOPTERS	All	information.osd-airbushelicopters.ahd@airbus.com
7	AIRBUS HELICOPTERS DEUTSCHLAND GmbH	All	information.osd-airbushelicopters.ahd@airbus.com
8	ALPHA AVIATION CONCEPT LIMITED	All	customer.support@alphaaviation.co.nz
9	ATR	All	OSD reports are available in ATR customer website-via ATRDOC, login is required. https://www.atractive.com
		All	OSD.Ops-Suitability@atr-aircraft.com
10	BAE SYSTEMS (OPERATIONS) LTD.	All	Alistair.Scott@baesystems.com
11	BEECHCRAFT CORPORATION	All	Please visit the website www.txtavsupport.com Once logged in and aircraft model selected, you will find OSD reports in the Aircraft Publications area.



2. OSD acquisition, implementation and uphold

In accordance with Commission Regulation (EU) No 69/2014 of 27 Jan 2014, the Operational Suitability Data contained in this document are identified as follows:

- [M]** Mandatory Operational Suitability Data (OSD), bearing the status of rule (see GM No 3 to 21A.15(d))
- [AMC]** non-mandatory Operational Suitability Data (OSD), bearing the status of Acceptable Means of Compliance (see GM No 3 to 21A.15(d))

2. OSD acquisition, implementation and uphold (cont'd)

10.7 Flight training course summary (VFR) [AMC] - (EC135)

10.7.1 Initial Type Rating (ITR)

Initial MEH / VFR Type Rating (ITR)						
Helicopter & Flight Simulation Training Device (as certified)	P1 CDS / CPDS, P2 P2+ or P3			T1 CDS / CPDS, T2 T2+ or T3		
	FSTD and Helicopter		Helicopter only	FSTD and Helicopter		Helicopter only
	FSTD (*)	H/C		FSTD (*)	H/C	
<u>Normal Procedures</u>						
Pre-flight, cockpit, engine start, Shut down, Hover Manoeuvres (*)						
Traffic circuits, normal and steep take-offs and landings						
Advanced flight manoeuvres like; Characteristics of rigid rotors, Quick stop, steep turn, max cruise and never exceed speed, HOGE	1h	1h	1.5h	1h	1h	1.5h
Operational take-off / landing like; Slope and crosswind take-offs and landings						
<u>Emergency Procedures</u>						
OEI during cruise, landing and take-off						
Autorotation from higher altitudes with demo of rotor characteristics and warnings						
Autorotation(*)	3h	1.5h	3.5h	3h	1.5h	3.5h
Tail rotor failure / tail rotor control failure						
FADEC failure (engine manual ops)						
<u>Flight with Max Gross Mass</u>						
Hover, limited power take-off and landing, steep take offs and landings, OEI procedures	0.5h	--	0.5h	0.5h	--	0.5h
<u>Repetition</u>						
Normal and emergency procedures	0.75h	0.75h	1h	0.75h	0.75h	1h
<u>Additional equipment training</u>						
COM/NAV system, Training mode ops, and FCDS (EFIS), AFCS (VFR ops),	0.75h	0.75h	1.5h	0.75h	0.75h	1.5h
Total Flight Training	10h		8h	10h		8h
Skill Test	required		required	required		required

2. OSD acquisition, implementation and uphold (cont'd)

10.7 Flight training course summary (VFR) [AMC] - (EC135)

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(**) for EC135/635 P3 + T3 use FFS (as certified) only



Why FFS only for T3/P3 ?

2. OSD acquisition, implementation and uphold (cont'd)

10.7 Flight training course summary (VFR) [AMC] - (EC135)

10.7.1 Initial Type Rating (ITR)

Initial MEH / VFR Type Rating (ITR)					
Helicopter & Flight Simulation Training Device (as certified)	P1 CDS / CPDS, P2 P2+ or P3		T1 CDS / CPDS, T2 T2+ or T3		
	FSTD and Helicopter		FSTD and Helicopter		
	FSTD (**)	H/C	FSTD (**)	H/C	Helicopter only
Normal Procedures Pre-flight, cockpit, engine start, Shut down, Hover Manoeuvres (*)					
Traffic circuits, normal and steep take-offs and landings	1h	1h	1h	1h	1.5h
Advanced flight manoeuvres like; Characteristics of rigid rotors, Quick stop, steep turn, max cruise and never exceed speed, HOGUE					
Operational take-off / landing like; Slope and crosswind take-offs and landings					
Emergency Procedures OEI during cruise, landing and take-off					
Autorotation from higher altitudes with demo of rotor characteristics and warnings					
Autorotation(*)	3h	1.5h	3h	1.5h	3.5h
Tail rotor failure / tail rotor control failure					
FADEC failure (engine manual ops)					
Flight with Max Gross Mass Hover, limited power take-off and landing, steep take offs and landings, OEI procedures	0.5h	--	0.5h	--	0.5h
Repetition Normal and emergency procedures	0.75h	0.75h	0.75h	0.75h	1h
Additional equipment training COM/NAV system, Training mode ops, and FCDS (EFIS), AFCS (VFR ops),	0.75h	0.75h	0.75h	0.75h	1.5h
Total Flight Training	10h		10h		8h
Skill Test	required		required		required

2. OSD acquisition, implementation and uphold (cont'd)

10.7 Flight training course summary (VFR) [AMC] - (EC135)

10.7.1 Initial Type Rating (ITR)

Autorotation(*)	Initial ITR (VFR) - (EC135)					
	3h	1.5h	3.5h	3h	1.5h	3.5h
Pre-flight, cockpit, engine start, Shut down, Hover Manoeuvres (*)						
Traffic circuits, normal and steep take-offs and landings						
Advanced flight manoeuvres like; Characteristics of rigid rotors, Quick stop, steep turn, max cruise and never exceed speed, HOGS	1h	1h	1.5h	1h	1h	1.5h
Operational take-off / landing like; Slope and crosswind take-offs and landings						
Emergency Procedures						
OEI during cruise, landing and take-off						
Autorotation from higher altitudes with some of rotor characteristics and warnings						
Autorotation(*)	3h	1.5h	3.5h	3h	1.5h	3.5h
Tail rotor failure - Tail rotor control failures						
FADEC failure (engine manual ops)						
Flight with Max Gross Mass						
Hover, limited power take-off and landing, steep take offs and landings, OEI procedures	0.5h	--	0.5h	0.5h	--	0.5h
Repetition						
Normal and emergency procedures	0.75h	0.75h	1h	0.75h	0.75h	1h
Additional equipment training						
COM/NAV system, Training mode ops, and FCDS (EFIS), AFCS (VFR ops)	0.75h	0.75h	1.5h	0.75h	0.75h	1.5h
Total Flight Training	10h	8h	10h	8h	10h	8h
Skill Test	required	required	required	required	required	required

(*) to be trained on helicopter only



Why to train autorotation on h/c only?

2. OSD acquisition, implementation and uphold (cont'd)

10.7.4 CAT A Training procedures (EC135 & EC145)

“Such OPS requirements are an addition to the standard type rating course or may be taught as an individual course in addition to the initial or additional type rating course”

Cat A procedures – Initial and Additional MEH / VFR Type Rating (ITR/ATR)				
	P1 CDS / CPDS, P2 or P2+, P3		T1 CDS / CPDS, T2 or T2+, T3	
Helicopter & Flight Simulation Training Device (as certified)	FSTD	Helicopter only	FSTD	Helicopter only
<u>CAT A procedures</u> Take-off and landing, AEO and OEI procedures	2h	2h	2h	2h
Total Flight Training	2h	2h	2h	2h
Skill Test	not required	not required	not required	not required

Should these OPS requirements
be trained in the frame of ATO or
at operator level?

3. OSD acquisition, implementation and uphold

- Uphold has not been experienced yet

