



EASA

European Aviation Safety Agency

Operational Suitability Data Flight Crew OSD FC

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OSD FC elements typically include:

-  Determination of aircraft pilot type rating (new type / variant, license endorsement)
-  Minimum syllabus for pilot training (training / checking / currency; pre-requisites; Training Areas of Special Emphasis; difference levels)
-  Credit for commonality (between different type of aircraft)
-  ...

as referenced in EU regulations for flight crew licensing and air operations (e.g. Part-FCL, Part-ORO, Part-SPA, ...)

process and method described in CS-FCD






Mandatory / Non-Mandatory Elements

OSD FC mandatory elements include:

-  Training Areas of Special Emphasis (TASE)
-  Operator Differences Requirement (ODR) tables
-  ...

OSD FC non-mandatory elements include:

-  Means of training delivery (instructor-led, computer based, flight training devices)
-  Training or checking recommendations
-  ...

Users (ATO's/operators) **MUST** consider **MANDATORY** elements and **SHOULD** consider **NON-MANDATORY** elements



OSD FC stand-alone elements



- are not in conjunction with type design changes (not combined with TC or STC modifications)



- may result from in-service experience or safety recommendations (e.g. addition of TASEs)



- may be voluntary additions to support operational needs (e.g. credits for mixed fleet flying)



- ...



Examples:



- Common Take-off and Landing Credit (CTLIC) between aircraft



- Training credits for commonality between different aircraft



- ...



Classification Minor / Major Changes

Classification follows the method described in CS-FCD



OSD FC minor changes



if no more than Level B difference for pilot training, checking and currency (unless a T1 or T2 test is necessary)



editorial amendments (e.g. clarifications, interpretations, definitions or advisory text, titles, numbering, formatting, order, and correction of editorial mistakes)



OSD FC major changes



all other changes



Examples

Discipline	Examples of major type design changes	<u>expected</u> impact on OSD FC
Structure		No
Cabin safety		No
Flight	Software changes that do not affect the pilot interface.	No
	Software changes that affect the pilot interface.	Yes, potential impact
Systems	Updating the aircraft cockpit voice recorder (CVR) or flight data recorder (FDR)	No
Propellers		No
Engines	Power limit change	No
Environment	A change in the noise certification level(s)	No
Power plant installation	Modifications to the fuel system and tanks	No
Avionics		Yes, potential impact
	Changes to flight crew procedures	Yes, potential impact
	Changes with impact on aircraft handling characteristics and/or performance	Yes, potential impact



Examples



Examples:



EASA STC No. 10042091 (avionics) & No. 10042353 (engines)

Operational evaluation was conducted to establish same type rating and level of differences training (for Beech 400A)



Modifications to air foil (e.g. addition of winglets)

Potential impact of aircraft handling characteristics or performance



EASA approved STC's



Cessna 525 38 STC's (33 for avionics related) *



Falcon 900 family 75 STC's (32 avionics related) *



...

impact on OSD FC ? none / minor / major ?



Impact on OSD FC where OSD FC exist for the base aircraft

* as of Jun 2016



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THANK YOU

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