



From JOEB to OSD - A350XWB a Pilot Case

EASA / FAA International Aviations Safety Conference
Paris - June 13th, 2013

Presented to Panel 11

by Regine Vadrot, Head of Training & Operational Certification

Operational Suitability Data

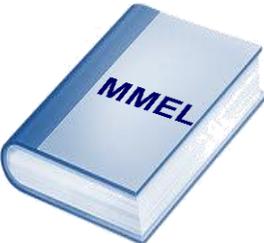
21A.15(d)



CS-FC
Pilot Type
Rating
Minimum
Syllabus

CS-SIM
Validation
Source
Data

CS-CCD
Type
Specific
Data
For Cabin
Crew
training



CS-MMEL



Other Type
Related
OSD:
e.g. :EFB,
HUD,..



CS-MCS
Minimum
Syllabus
Maintenance
Certifying Staff

A350XWB Operational Evaluation Board



***EASA & FAA
Joint agreed test process***



A350XWB OEB Kick Off meeting Toulouse, 30th September & 1st October 2010



***In 2013 the question is:
can the A350XWB be a pilot project for OSD?***

A350 OSD pilot case

A350
In Focus



EASA – FAA joint process

Flight Crew:

- A350 Training Areas of Special Emphasis TASE
- A330 – A350 CTR
- A320,A340,A380 CCQs to A350

A350 FSTD
Validation
Source
Data

Cabin Crew:

- A350 Type Specific Data
- A330-A340 and A350 one type for Cabin Crew

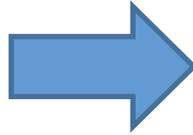


Electronic
Flight Bag
Head-up-
Display



MMEL

Focus on OSD for Cabin Crew



Operational **S**uitability **D**ata

The approved OSD elements will become the mandatory basis for operators and training organisations when developing the type related elements of the training programmes for cabin crew.

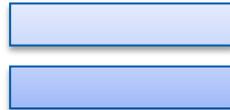
(NPA 2011-10 –june 6, 2011)

But where to find OSD for Cabin Crew?

OSD and CCOM

OSD

Type specific Data



Airbus Recommended Procedures

Including description and
operation of specific
customized cabin items



UPC browser

New Criteria Selection Complete fleet A350

Home Undo Back Forward Print Zoom Day mode Close

HIDE TREE SUB-TOPICS BOOKMARKS NOTE WHAT IF? ECAM LIST SEARCH

Cabin Crew Operating Manual Path: CCOM / Doors Arrangement / Doors Arrangement / DOORS ARRANGEMENT

CCOM:28 APR 2011

Manuals

- Cabin Crew Operating Manual
- AIRCRAFT GENERAL
- Doors Arrangement
- DOORS ARRANGEMENT

DOORS ARRANGEMENT

The A350-900 cabin doors are fail-safe/plug-type doors which open in a forward direction, parallel to the fuselage. The cabin doors may be opened from the outside of the aircraft or, from the inside of the aircraft.

The A350-900 has 8 type "A" cabin doors. Doors 1 LH/RH are derated to type "C" doors.

Tree Path

OSD and CCOM

00: Introduction

01: Aircraft General

02: Cockpit

03: Cabin Layout

04: Cabin Intercommunication Data System (CIDS)

05: Cabin communication systems

06: Cabin Systems

07: Cabin oxygen systems

08: In-Flight Entertainment (IFE)

09: Doors and Slides

10: Evacuation (EVAC) and Alert (ECAS) Systems

11: Emergency and medical Equipment

12: Preflight Checklists

13: Standard Operating Procedures (SOPs)

14: Abnormal/Emergency Procedures

15: Function Recovery procedures (FRPs)

16: Security Sensitive Information

17: Cabin Crew Bulletins (CCB)

OSD are only applicable to System description and Operational instructions.

Link between CCOM and OSD

CCOM

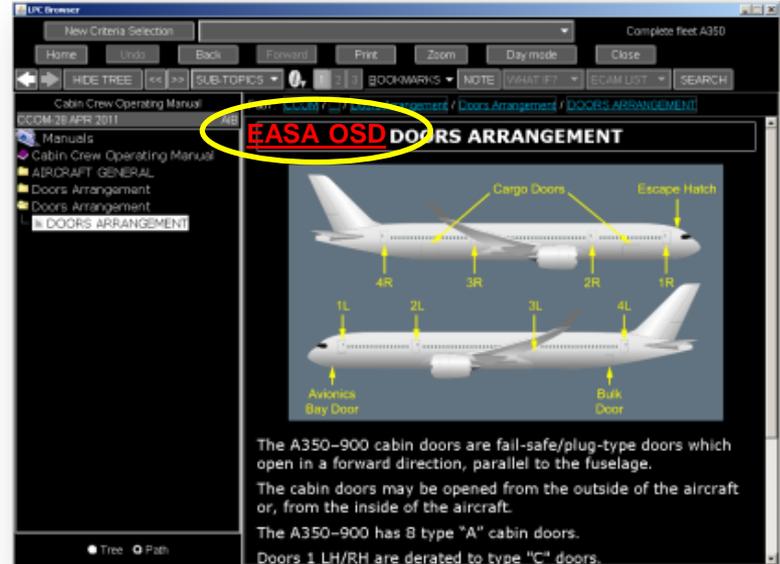
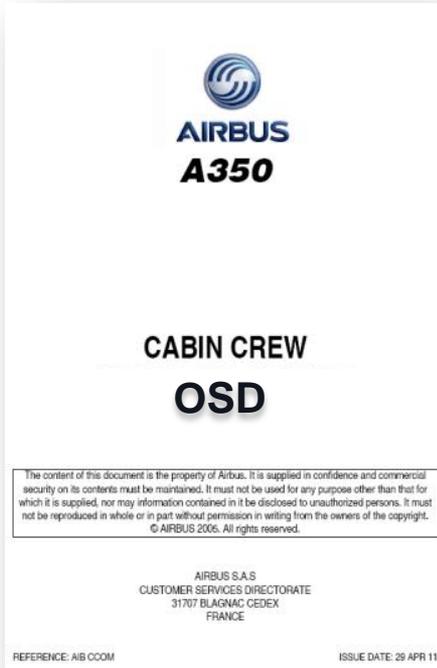
EASA OSD



OSD contained in CCOM will be identified during the authoring phase

OSD Extraction Data Package

Link between CCOM and OSD

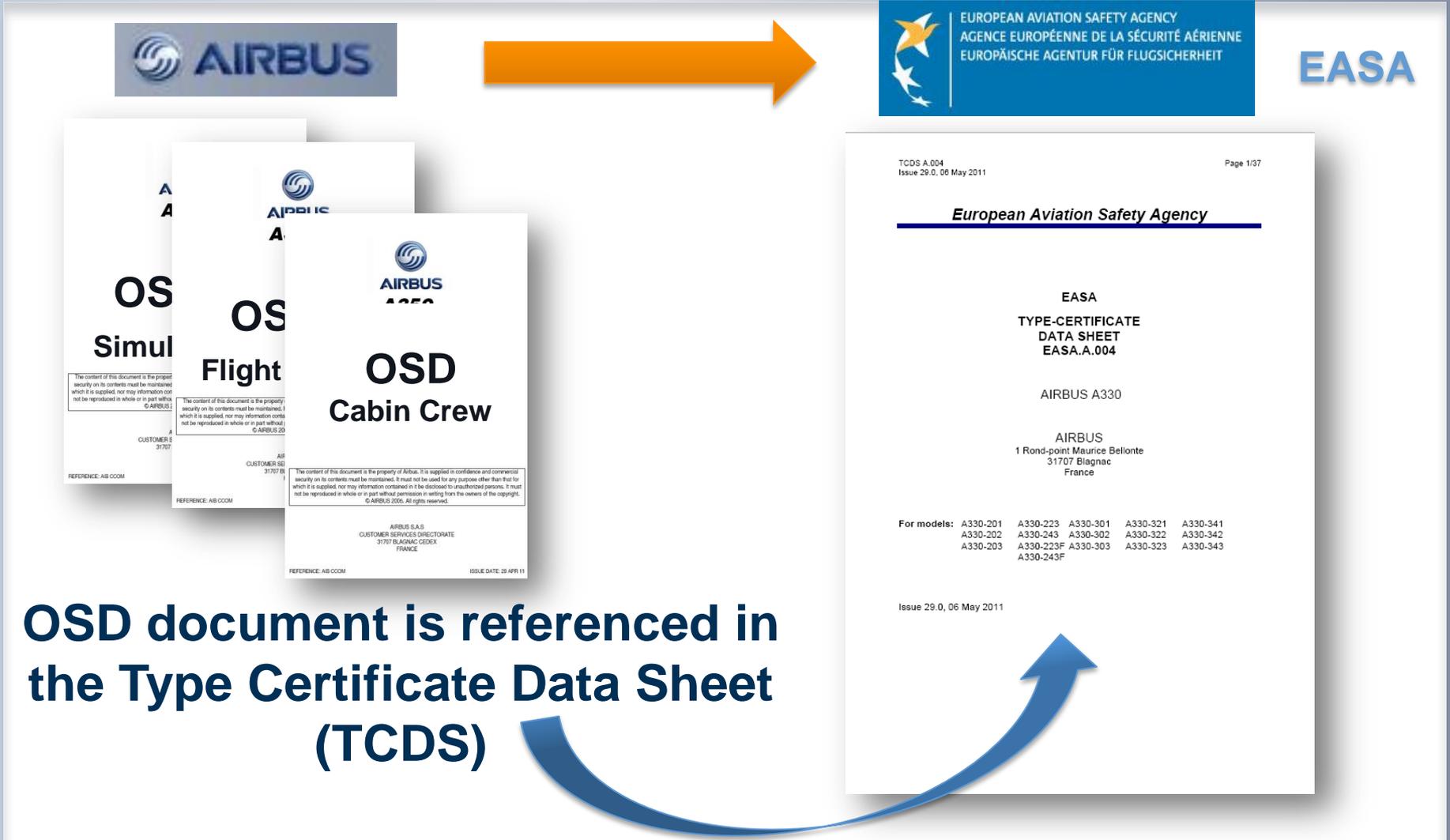


National Aviations Authorities

OSD will be directly identified in the CCOM and highlighted accordingly

The Customer can meet the EASA requirements and justify the applicability / relevance.

Link between OSD and TCDS



OSD document is referenced in the Type Certificate Data Sheet (TCDS)



EASA

OSD Cabin Crew

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AIRBUS S.A.S
CUSTOMER SERVICES DIRECTORATE
31707 BLAGNAC CEDEX
FRANCE

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TCDS A.004 Page 1/37
Issue 29.0, 06 May 2011

European Aviation Safety Agency

EASA
TYPE-CERTIFICATE
DATA SHEET
EASA.A.004

AIRBUS A330

AIRBUS
1 Rond-point Maurice Bellonte
31707 Blagnac
France

For models: A330-201 A330-223 A330-301 A330-321 A330-341
A330-202 A330-243 A330-302 A330-322 A330-342
A330-203 A330-223F A330-303 A330-323 A330-343
A330-243F

Issue 29.0, 06 May 2011



A350XWB OSD Pilot Case : YES



*Implementation of procedures into Airbus DOA
Target : by end 2015*



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