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

AIRBUS

Operational Suitability Data

21A.15(d)

CS-FCD
Pilot Type
Rating
Minimum
Syllabus

CS-SIM
Validation
Source
Data

CS-CCD
Type
Specific
Data
For Cabin
Crew
training

CS-MMEL

MMEL

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

CS-MCS
Minimum
Syllabus
Maintenance
Certifying Staff

AIRBUS

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?

AIRBUS

A350 OSD pilot case

A350
In Focus

EASA – FAA joint process

Flight Crew:
• A350 Training Areas
of Special Emphasis TASE
• A330 – A350 CTR
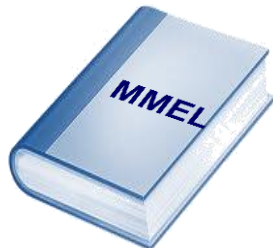• A320,A340,A380 CCQs to A350

A350 FSTD
Validation
Source
Data

Cabin Crew:
• A35O Type
Specific Data
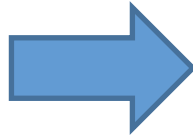• A330-A340
and A350 one
type for Cabin
Crew

Electronic
Flight Bag
Head-up-
Display

MMEL

MMEL

AIRBUS

Focus on OSD for Cabin Crew

EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

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.
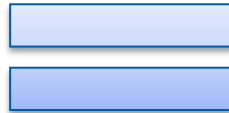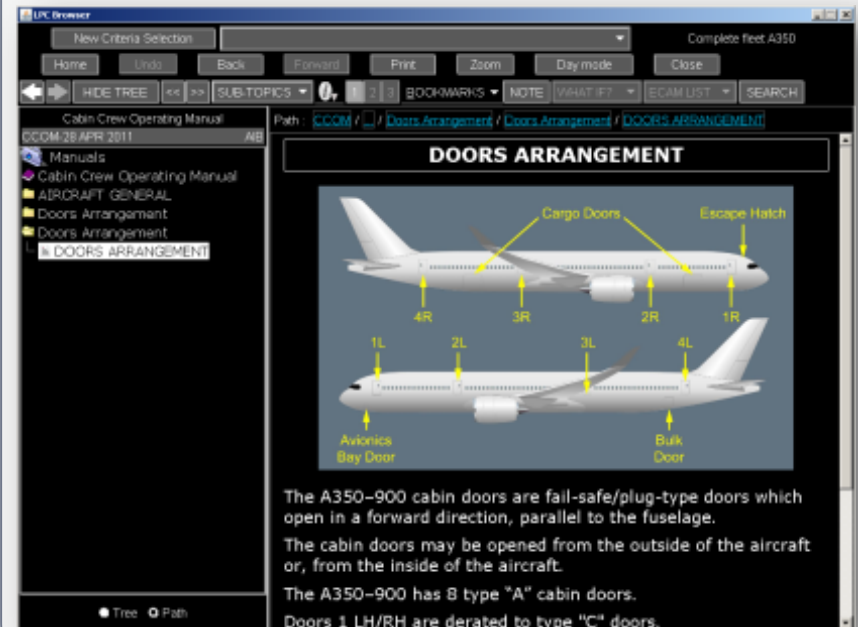*(NPA 2011-10 –june 6, 2011)*

But where to find OSD for Cabin Crew?

AIRBUS

OSD and CCOM

OSD

Type specific Data

Airbus Recommended Procedures

Including description and operation of specific customized cabin items

CCOM

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.

AIRBUS

Link between CCOM and OSD
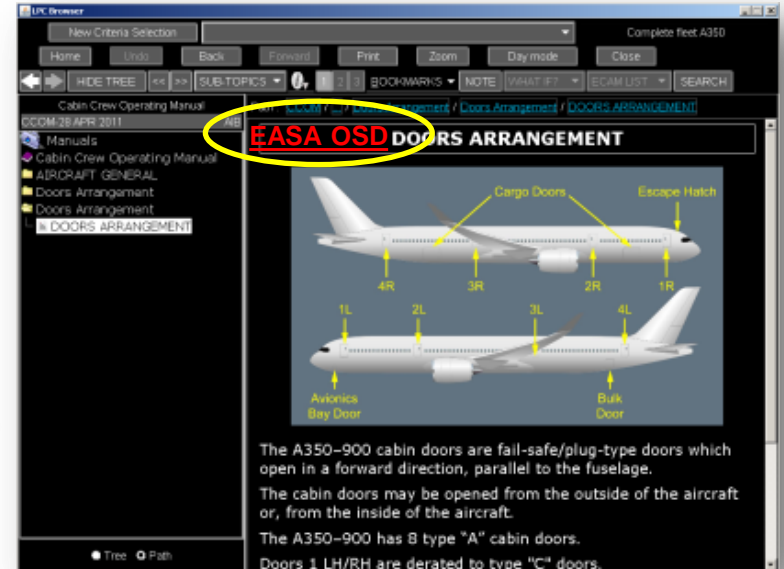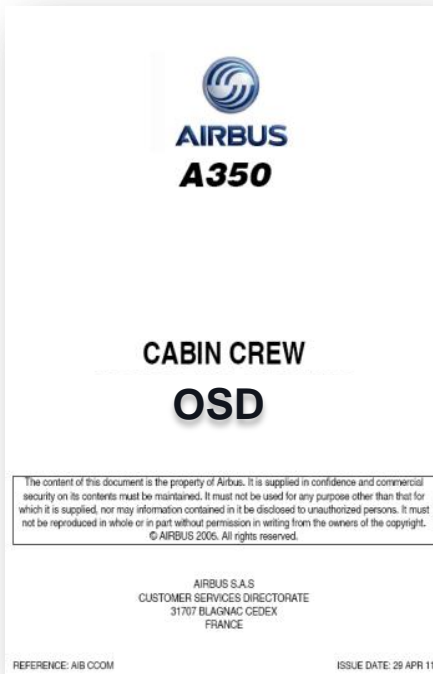

OSD contained in CCOM will be identified during the authoring phase

OSD Extraction Data Package

Link between CCOM and OSD

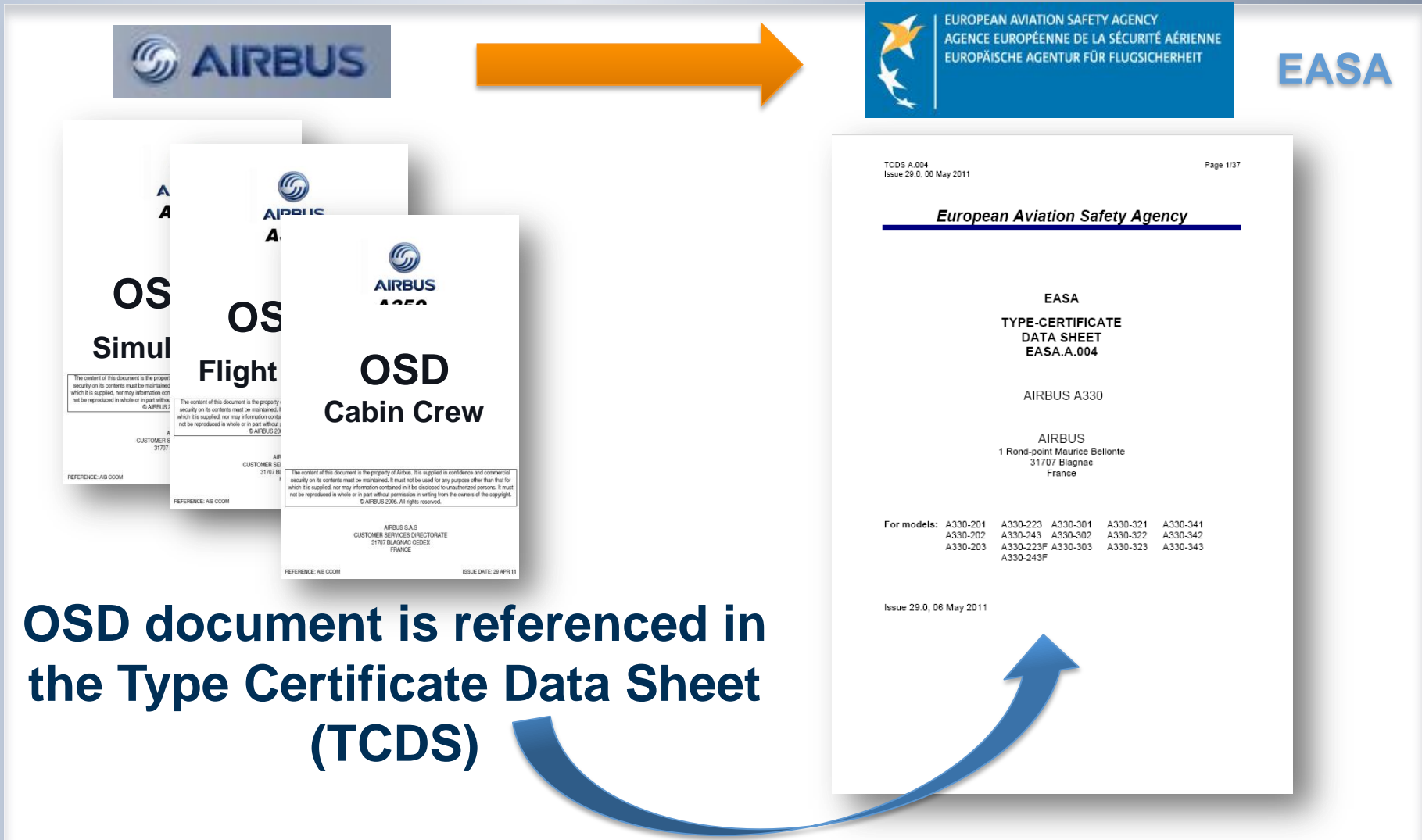**National Aviations Authorities**

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

EASA

OSD
Simul...

OSD
Flight...

OSD
Cabin Crew

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

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

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

A350XWB OSD Pilot Case : YES

Implementation of procedures into Airbus DOA
Target : by end 2015

AIRBUS
AN EADS COMPANY