SUPPLEMENTAL TYPE-CERTIFICATE
DATA SHEET

Supplemental Type Certificate 10063798 Revision 12

for
AIRBUS A330-300 and A330-200
Passenger to Freighter Conversion

Supplemental Type Certificate Holder:
Elbe Flugzeugwerke GmbH
Grenzstr. 1, 01109
Dresden, Germany

For Models: A330-300/200 Passenger-to-Freighter
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SECTION 1: A330-200/300 P2F SERIES

I. General

1. Type/ Model/ Variant  
   A330-200/300 converted by EASA STC  
   10063798 referenced as A330-300/200P2F

2. Performance Class  
   A

3. Certifying Authority  
   EASA

4. Manufacturer  
   Elbe Flugzeugwerke GmbH (EFW)  
   Grenzstr. 1, 01109  
   Dresden, Germany

5. EASA Certification Application Date  
   13 March 2013 (A330-300P2F) and  
   4 March 2016 (A330-200P2F)

6. EASA STC Date  
   22 Nov 2017 (A330-300P2F) and  
   17 Jul 2018 (A330-200P2F)

II. Certification Basis

1. Reference Date for determining the applicable airworthiness requirements  
   13 March 2013

   (Note: Though the application date for A330-200P2F STC is on 4 March 2016, it is a  
   non-significant major change to A330-300P2F STC. Hence, the applicable airworthiness  
   requirement in effect is on the date where the application of A330-300P2F STC is made.)

2. Reference Date for determining the applicable operational suitability requirements  
   6 October 2016

3. Airworthiness Requirements  
   • For significant changes, CS25 Amendment 12 is used.  
   • For secondary changes (not elected to CS25 Amendment 12), not significant changes,  
     unaffected areas and unchanged: A330 pax certification basis as per EASA TCDS  
     EASA.A.004.
### Regulations at the latest Amendment level: CS25 Amdt 12

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### Regulations at the Amendment level: JAR 25 Change 14

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### Regulations at the Amendment level in TCDS EASA.A.004 : JAR 25 Change 13

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3.1. Special Conditions

a. A330-200/300 Existing Special Conditions

- SC A-2 Interaction of systems and structure
- SC A-3 Design manoeuver requirements
- SC S-10.2 Effects of external radiation upon aircraft systems
- SC S-23 Electrical wiring and miscellaneous electrical requirements
- SC H-01 Enhanced Airworthiness Programme for aeroplane systems – ICA on EWIS

b. New Special Conditions for A330-200/300 P2F

- D-02 Courier Compartment
- D-03 Fire Protection of Essential systems/ equipment with Class E cargo compartments
- D-04 Access to Class E Cargo Compartment in Flight

3.2. Environmental Protection Requirements

As there is no change to the engine, performance, CG or design weights of the aircraft, the noise and emissions requirements are not affected by the change.

4. Operational Suitability Requirements

4.1 Master Minimum Equipment List

- CS-MMEL Amendment 1

4.2 Flight Crew Data (FCD)

- CS-FCD Initial Issue
III. Technical Characteristics and Operational Limitations

1. STC Design Definition

For A330-300P2F, as defined in Document Master List 398/AED/011 Rev B or later approved revision and Master Drawing List 398/MDL/001 Rev N or later approved revision.

For A330-200P2F, as defined in Document Master List 398/AED/011 Rev F or later approved revision and Master Drawing List 398/MDL/001 Rev P or later approved revision.

2. Description

The A330P2F modification converts the passenger airplane into a freighter with the following major features:

a. A courier compartment with the Courier Stowage option can accommodate up to a maximum of 6 occupants. The courier compartment with the Flight Crew Rest Compartment (FCRC) option can accommodate up to a maximum of 4 occupants.

b. Installation of a 9g barrier net and smoke curtain

c. Installation of Main Deck Cargo Door (MDCD)

d. Installation of MDCD Frame Shell

e. Conversion of the main cabin to a Class E cargo compartment (with in-flight access)

f. Reinforcement of Main Deck Cargo Compartment Floor Structures

3. Equipment

For A330-300P2F, as defined in Document Master List 398/AED/011 Rev B or later approved revision and Master Drawing List 398/MDL/001 Rev N or later approved revision.

For A330-200P2F, as defined in Document Master List 398/AED/011 Rev F or later approved revision and Master Drawing List 398/MDL/001 Rev P or later approved revision.

4. Dimensions

Remains the same as defined in TCDS EASA.A.004.

5. Engines

Remains the same as defined in TCDS EASA.A.004.

6. Auxiliary Power Unit

Remains the same as defined in TCDS EASA.A.004.

7. Propellers

Remains the same as defined in TCDS EASA.A.004.
8. Fluids (Fuel, Oil, Additives, Hydraulics)

Remains the same as defined in TCDS EASA.A.004.

9. Fluid Capacities

Remains the same as defined in TCDS EASA.A.004.

10. Airspeed Limits

Remains the same as defined in TCDS EASA.A.004.

11. Flight Envelope

Remains the same as defined in TCDS EASA.A.004.

12. Operating Limitations

12.1. Approved Operations


12.2. Other Limitations


13. Maximum Certified Masses

Remains the same as defined in TCDS EASA.A.004.

14. Centre of Gravity Range

Remains the same as defined in TCDS EASA.A.004.

15. Datum

Remains the same as defined in TCDS EASA.A.004.

16. Mean Aerodynamic Chord (MAC)

Remains the same as defined in TCDS EASA.A.004.

17. Levelling Means

Remains the same as defined in TCDS EASA.A.004.
18. Minimum Flight Crew

Two (2): Pilot and Co-pilot. Remains the same as defined in TCDS EASA.A.004.

19. Minimum Supernumeraries

No minimum supernumerary is required.

20. Maximum Seating Capacity

Courier compartment, installed with Courier Stowage option, can accommodate up to 6 supernumeraries; or
Courier compartment, installed with Flight Crew Rest Compartment (FCRC) option, can accommodate up to 4 supernumeraries.

Note: Persons authorised to occupy the courier compartment are as defined in A330P2F Airplane Flight Manual Supplement Envelope (A330P2F/AFM-ENV)

21. Baggage/ Cargo Compartment

Refer to A330P2F Weight and Balance Manual Supplement Envelope (A330P2F/WBM-ENV)

22. Wheels and Tyres

Remains the same as defined in TCDS EASA.A.004.

23. ETOPS

Refer to A330P2F CMP Document Supplement Envelope (A330P2F/AMC 20-6/CMP)

IV. Operating and Service Instructions

1. Airplane Flight Manual (AFM)

For A330-300P2F, refer to Airplane Flight Manual Supplement, A330P2F/AFM-ENV Revision 01 or later approved revisions.

For A330-200P2F, refer to Airplane Flight Manual Supplement, A330P2F/AFM-ENV Revision 03 or later approved revisions.

2. Instructions for Continued Airworthiness and Airworthiness Limitations

For A330-300P2F, refer to Instructions for Continued Airworthiness Document, 398/AED/ICA Revision B or later approved revisions.

For A330-200P2F, refer to Instructions for Continued Airworthiness Document, 398/AED/ICA Revision C or later approved revisions.
3. **Weight and Balance Manual (WBM)**

For A330-300P2F, refer to Weight and Balance Manual Supplement Envelope, A330P2F/WBM-ENV Revision 00 or later approved revisions.

For A330-200P2F, refer to Weight and Balance Manual Supplement Envelope, A330P2F/WBM-ENV Revision 01 or later approved revisions.

**V. Operating Suitability Data (OSD)**

The Operational Suitability Data elements listed below are approved by the European Union Aviation Safety Agency under the EASA Type Certificate [original TC number] as per Commission Regulation (EU) 748/2012 as amended by Commission Regulation (EU) No 69/2014.

1. **Master Minimum Equipment List**
   a. For A330-300P2F, the MMEL reference A330P2F/MMEL-ENV Revision 01 or later approved revisions.
   b. For A330-200P2F, the MMEL reference A330P2F/MMEL-ENV Revision 02 or later approved revisions.
   c. Required for entry into service by EU operator

2. **Flight Crew Data**
   a. For A330-300P2F, the Flight Crew Data reference 398/TST/OSD-FCD Revision A or later approved revisions.
   b. For A330-200P2F, the Flight Crew Data reference 398/TST/OSD-FCD Revision C or later approved revisions.
   c. Required for entry into service by EU operator

3. **Cabin Crew Data**

Not applicable

4. **SIM Data**

Not applicable

5. **Maintenance Certifying Staff Data**

Not applicable

6. **Other**
   (e.g. EFB, special operations and special equipment, .. )

Not applicable
VI. Notes

1. Additional information is provided in EASA TCDS (EASA.A.004).

2. This modification must be installed concurrently with the following:
   a. Powered Cargo Loading System per EASA STC 10063797
   b. Courier Module, including the following options, per EASA STC 10063796
      i. Courier Stowage
      ii. Flight Crew Rest Compartment (FCRC)
   c. Lavatory per EASA STC 10063795
   d. Airbus Cockpit Computer Modification
      i. EIS1 V515X Standard [Mod no. 20444]; or
         EIS2 L10 Standard [Mod no. 205162]
      ii. FWC T7 Standard [Mod no. 205228]
      iii. SDAC C11 Standard [Mod no. 203928]
      iv. FDIU L10 Standard [Mod no. 204717]; or
          FDIMU L10 Standard [Mod no. 58688]; or
          FDIMU FL1 Standard [Mod no. 201383]
SECTION 2: ADMINISTRATIVE

I. Acronyms and Abbreviations

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<td>AFM</td>
<td>Airplane Flight Manual</td>
</tr>
<tr>
<td>CS</td>
<td>Certification Specification</td>
</tr>
<tr>
<td>EASA</td>
<td>European Union Aviation Safety Agency</td>
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<tr>
<td>EIS</td>
<td>Electronic Instrument System</td>
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<td>ETOPS</td>
<td>Extended Range Operations with Two-Engined Aeroplanes</td>
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<td>EU</td>
<td>European Union</td>
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<tr>
<td>EWIS</td>
<td>Electrical Wiring Interconnection System</td>
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II. Type Certificate Holder Record

Elbe Flugzeugwerke GmbH (EFW)
Grenzstr. 1
01109 Dresden
Germany
### III. Change Record

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