

Robert BOERSMA
Senior DOA Team Leader
Certification Directorate

Ref. Ares(2020) 1552714
RBO/CTO/CT.6
Cologne, 13.03.2020

Fokker Services B.V.
Mr Bart RENSKERS
Design Assurance Manager
P.O. Box 1357
2130 EL Hoofddorp
Netherlands

Subject: EASA.21J.059 - Design Organisation Approval – Update of the EASA Approval Certificate and Terms of Approval

Reference: EASA Form 82, dated 30/07/2019
Attachment: 1. DOA Certificate, dated 12/03/2020
2. Terms of Approval, Issue 8 dated 12/03/2020 (original)

Dear Mr Renskers,

On behalf of the European Aviation Safety Agency, I am pleased to enclose herewith the updated DOA Certificate and Terms of Approval, concerning the EASA Approval Certificate certifying **Fokker Services B.V.** as a Design Organisation, following positive evaluation by Ministry of Infrastructure and the Environment (CAA-NL) and EASA.

Henceforth the approved design organisation shall be entitled to perform design activities under applicable European regulations and within the scope of the Terms of Approval herein enclosed.

The Certificate is re-issued to refer to the new Basic Regulation (EU) 2018/1139, and the Terms of Approval are re-issued to include the incorporation of Level of Involvement principles.

You are requested to destroy the former DOA Certificate dated 17/01/2012 and the former Terms of Approval, Issue 7 (dated 09/07/2018).

Information about this EASA approval can be found on EASA webpage:
<http://easa.europa.eu/easa-and-you/aviation-domain/aircraft-products?page=design-organisations>

Yours sincerely,

Robert BOERSMA



Cc:
P VAN ZIJP – CAA NL



APPROVAL CERTIFICATE

EASA.21J.059

Pursuant to Regulations (EU) 2018/1139 and (EU) 748/2012 and subject to the conditions specified below, the Agency hereby certifies

Fokker Services B.V.

**Hoeksteen 40
2132 MS Hoofddorp
The Netherlands**

as a DESIGN ORGANISATION

approved according to Part 21, Section A, Subpart J.

CONDITIONS :

1. The approval is limited to that specified in the enclosed Terms of Approval, and
2. This approval requires compliance with the procedures specified in the Design Organisation Handbook, reference Design Organisation Exposition, in the latest revision, and
3. This approval is valid whilst the approved Design Organisation remains in compliance with Part 21, Section A, Subpart J.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid until surrendered or revoked.

For the **European Union Aviation Safety Agency**,
Date of issue: 12 March 2020



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Terms of Approval

Design Organisation Approval Certificate

EASA.21J.059

1 Scope of work

This Design Organisation Approval is applicable for the scope defined in Annex A for design work with regard to the airworthiness, operational suitability and environmental characteristics of the products.

2 Privileges

- a) (Reserved)
- b) (Reserved)
- c) The holder of this design organisation approval shall be entitled, within the scope of this terms of approval, and under the relevant procedures of the design assurance system:
 - 1. to classify changes to a type-certificate or to a supplemental type-certificate and repair designs as “major” or “minor”;
 - 2. to approve minor changes to a type-certificate or to a supplemental type-certificate and minor repair designs;
 - 3. (Reserved);
 - 4. (Reserved);
 - 5. to approve certain major repair designs under Part 21, Section A, Subpart M to products;
 - 6. to approve for certain aircraft the flight conditions under which a permit to fly can be issued in accordance with point 21.A.710(a)(2), except for permits to fly to be issued for the purpose of point 21.A.701(a)(15);
 - 7. [not applicable];
 - 8. [not applicable];
 - 9. [not applicable].

3 Obligations

The holder of this design organisation approval shall, within the scope of this terms of approval:

- a) maintain the handbook required under point 21.A.243 in conformity with the design assurance system;
- b) ensure that this handbook or the relevant procedures included by cross-reference are used as a basic working document within the organisation;
- c) determine that the design of products, or changes or repairs thereto comply with the applicable specifications and requirements and have no unsafe features;
- d) provide the Agency with statements and associated documentation confirming compliance with point (c), except for approval processes carried out in accordance with point 21.A.263(c);
- e) provide to the Agency data and information related to the actions required under point 21.A.3B;
- f) under the privilege of paragraph 2(c)(6), determine the flight conditions under which a permit to fly can be issued;
- g) [not applicable];

- h) designate data and information issued under the authority of the approved design organisation within the scope of its terms of approval as established by the Agency with the following statement: "The technical content of this document is approved under the authority of the DOA ref. EASA. 21J.059".

Date of issue: 12/03/2020



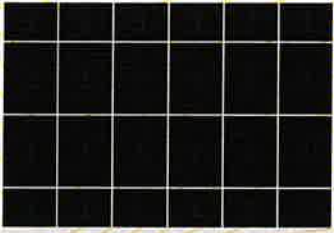
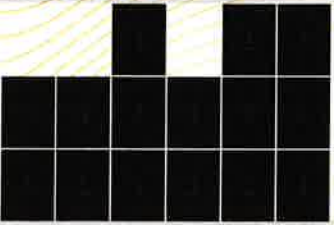
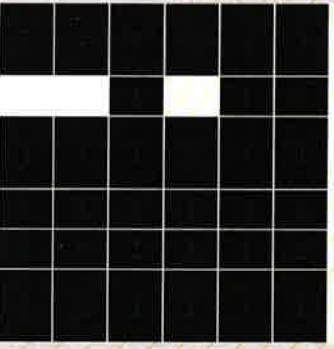

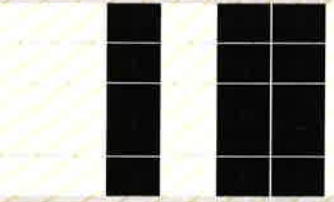


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Annex A

Scope of work

		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large aeroplane									
All scope (TCH)									
Avionics (non-TCH activity)	All areas								
	Autoflight systems								
	Communication systems								
	Indicating, Alerting systems								
	Navigation systems								
	Recording systems								
	Surveillance systems								
Cabin (non-TCH activity)									
	Cabin interiors								
	Cargo compartments								
	Electrical cabin systems								
	External schemes, placards and markings								
	Flight deck interiors								
Electrical Systems (non-TCH activity)									
	Electrical generation / distribution systems								
	External lighting systems								
	Wireless transmission systems								
Environmental Control Systems (non-TCH activity)									
	Air conditioning systems								

	Bleed systems				
	Ice and Rain protection systems				
	Oxygen systems				
	Pressurization systems				
	Water and waste systems				
Flight (non-TCH activity)					
	Flight characteristics				
Hydro-Mechanical Systems (non-TCH activity)					
	Flight controls				
	Fuselage doors				
	Hydraulics/Pneumatics systems				
	Landing gear systems				
Powerplant and Fuel Systems (non-TCH activity)					
	APU installations				
	Fuel systems				
	Powerplant installations				
Structures (non-TCH activity)					
	Control surfaces / Moveables				
	Empennage				
	Fuselage				
	Support for external equipment				
	Wings				
Small aeroplane					
Avionics (non-TCH activity)					
	Autoflight systems				
	Communication systems				
	Indicating, Alerting systems				
	Navigation systems				
	Recording systems				
	Surveillance systems				
Cabin (non-TCH activity)					
	Cabin interiors				

Electrical Systems (non-TCH activity)	<ul style="list-style-type: none"> Cargo compartments Electrical cabin systems External schemes, placards and markings Flight deck interiors 	
Environmental Control Systems (non-TCH activity)	<ul style="list-style-type: none"> Electrical generation / distribution systems External lighting systems Wireless transmission systems 	
Flight (non-TCH activity)	<ul style="list-style-type: none"> Air conditioning systems Bleed systems Ice and Rain protection systems Oxygen systems Pressurization systems Water and waste systems 	
Hydro-Mechanical Systems (non-TCH activity)	<ul style="list-style-type: none"> Flight characteristics 	
Powerplant and Fuel Systems (non-TCH activity)	<ul style="list-style-type: none"> Flight controls Fuselage doors Hydraulics/Pneumatics systems Landing gear systems 	
Structures (non-TCH activity)	<ul style="list-style-type: none"> APU installations Fuel systems Powerplant installations 	
	<ul style="list-style-type: none"> Control surfaces / Moveables Empennage Fuselage Support for external 	

equipment
 Wings


List of products

Product	Design Activity	Types
Large aeroplane	TC	TCDS EASA.A.036: - Fokker F27 Mark 100, 200, 300, 400, 500, 600 and 700 (F27 'Friendship' series) - Fokker F27 Mark 050, 0502 and 0604 ('Fokker 50' and 'Fokker 60' series) TCDS EASA.A.037: - Fokker F28 Mark 1000, 1000C, 2000, 3000, 3000C, 3000R, 3000RC and 4000 (F28 'Fellowship' series) - Fokker F28 Mark 0070 and 0100 ('Fokker 70' and 'Fokker 100' series)

Limitations

Limitations common to all products and activities

1. Development of Operational Suitability Data excludes the OSD constituents MCSD and SIMD.
2. The privilege under paragraph 2(c)(5) is limited to the approval of the design of major repairs to products for which the DOA holds the type-certificate or the supplemental type-certificate.