

APPROVAL CERTIFICATE

EASA.21J.019

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

Lufthansa Technik AG

Weg beim Jäger 193 22335 Hamburg Germany

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 Integrated Management Manual of the Lufthansa Technik Group, the Supplement No. 101, and the related processes of the Process-Oriented Integrated Management System IQ MOVE (ProX), 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 Aviation Safety Agency,

Date of issue: 30 September 2019

Alexandru Enache

Section Manager - Design Organisations & Policy Issues





Terms of Approval 21J.019 Issue 9, 14 February 2020

Lufthansa Technik AG

Terms of Approval

Design Organisation Approval Certificate EASA.21J.019

1 Scope

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;
 - (Reserved);
 - (Reserved);
 - 5. to approve certain major repair designs under Part 21, Section A, Subpart M to products or auxiliary power units (APUs);
 - 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].





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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.019".

Date of issue: 14/02/2020







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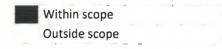
Annex A

Scope of work

		-							
		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large and smallaeroplane							TES.		17
Avionics									7/1/
	All areas					- 11		TE.	
Cabin							/4/	///	
	All areas								
Electrical Systems							1//	16	17
Environmental Control Cont	All areas			BH	2505,32				141
Environmental Control Syste	ems All areas								77
Flight	All aleas						// //	141	
	Flight characteristics								
Hydro-Mechanical Systems				11	7		XX	£73	17
	All areas					ŞL.			
Powerplant and Fuel System	476.			1/	11	22	///	2/	
	All areas						Ji.		COCO
Structures.		23				12		//	
Turbine and piston engine, APU	All areas								
Propulsion					1		25,20	77	
rropulsion	All areas								

Legend:

Title for category of product
Title for design scope
Title for design area







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List of products

Not applicable.

Limitations

Limitations common to all products and activities

- 1. The privilege to approve the flight conditions supporting permits to fly is restricted to the technical capability defined in the scope and excludes flight conditions for initial flights of a new type of aircraft, or an aircraft modified by a change that is or would be classified as a significant major change, or an aircraft whose flight and/or piloting characteristics may have been significantly modified.
- 2. Development of Operational Suitability Data excludes the OSD constituents Simulator Data and Maintenance Certifying Staff Data.
- 3. The privilege under paragraph 2(c)(5) is limited to the approval of the design of major repairs to products for which it holds the supplemental type-certificate.
- 4. The discipline of Flight Characteristics is limited to the application of riblet foil on lower fuselage as well as the installation of common radomes.