

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

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;
 - 3. (Reserved);
 - 4. (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






Dirk KRAPPEL
Senior DOA Team Leader



Annex A

Scope of work

		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large and small aeroplane									
Avionics	All areas								
Cabin	All areas								
Electrical Systems	All areas								
Environmental Control Systems	All areas								
Flight	Flight characteristics								
Hydro-Mechanical Systems	All areas								
Powerplant and Fuel Systems	All areas								
Structures	All areas								
Turbine and piston engine, APU									
Propulsion	All areas								

Legend:

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

-  Within scope
-  Outside scope

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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.