

APPROVAL CERTIFICATE

EASA.21J.020

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

MT-Propeller Entwicklung GmbH

Flugplatzstraße 1
94348 Atting
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 Design Organisation Handbook, reference Qualitätssicherungshandbuch E-534-1, 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: 17 September 2018



Francesco Maria CARIDEI
Design Organisations Section Manager

Terms of Approval

Design Organisation Approval Certificate

EASA.21J.020

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. [not applicable];
 - 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. to issue a permit to fly in accordance with point 21.A.711(b) for an aircraft it has designed or modified, or for which it has approved, in accordance with point 21.A.263(c)(6), the flight conditions under which the permit to fly can be issued, and where the holder of this design organisation approval itself:
 - (i) controls the configuration of the aircraft, and
 - (ii) attests conformity with the design conditions approved for the flight;
 - 8. [not applicable];
 - 9. [not applicable].

Terms of Approval 21J.020
Issue 12, 9 March 2020

MT-Propeller Entwicklung GmbH

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) under the privilege of paragraph 2(c)(7), establish compliance with points (b) and (e) of point 21.A.711 before issuing a permit to fly to an aircraft;
- 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.020".

Date of issue: 09/03/2020



Francesco Maria CARIDEI
Design Organisations Section Manager

Annex A

Scope of work

			TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Propeller										
	All scope (TCH)									
		All areas								
	Propulsion (non-TCH activity)									
- Small aeroplane - VLA / LSA (Powered) sailplane		Propulsion								
	Powerplant and Fuel Systems									
		Powerplant installations								
	Propulsion									
		Propulsion								

Legend:

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

	Within scope
	Outside scope

List of products

Product	Design Activity	Types
Propeller	TC	• TCDS Ref.: DE 32.130/53 MTV-1- () • TCDS Ref.: DE 32.130/55 MTV-2- () • TCDS Ref.: DE 32.130/54 MTV-3- () • TCDS Ref.: EASA.P.093 MTV-5 • TCDS Ref.: EASA.P.094 MTV-6 series propellers • TCDS Ref.: DE 32.130/84 MTV-7- () • TCDS Ref.: EASA.P.096 MTV-9 Series Propeller • TCDS Ref.: DE 32.130/77 MTV-10- () • TCDS Ref.: EASA.P.007 MTV-11 series propellers • TCDS Ref.: EASA.P.013 MTV-12 series propellers • TCDS Ref.: EASA.P.017 MTV-14 series • TCDS Ref.: EASA.P.098 MTV- 15 series propellers • TCDS Ref.: EASA.P.001 MTV-16 series propellers • TCDS Ref.: EASA.P.008 MTV-17 series propellers • TCDS Ref.: DE 32.130/75 MTV-18- () • TCDS Ref.: EASA.P.100 MTV-20 series

		• TCDS Ref.: EASA.P.101 MTV-21 Series Propeller • TCDS Ref.: DE 32.130/82 MTV-22- () • TCDS Ref.: DE 32.130/83 MTV-24- () • TCDS Ref.: DE 32.130/97 MTV-25- () • TCDS Ref.: EASA.P.104 MTV-27 Propeller series • TCDS Ref.: EASA.P.048 MTV-33 series propellers • TCDS Ref.: EASA.P.049 MTV-34 series propellers • TCDS Ref.: EASA.P.044 MTV-36 Propeller • TCDS Ref.: EASA.P.033 MTV-37 Series Propeller • TCDS Ref.: EASA.P.045 MTV-47 Series Propeller • TCDS Ref.: EASA.P.006 MT-Fixed Pitch Propeller Series • TCDS Ref.: EASA.P.105 MT 5400 series propellers • Applicant: - MTV-4- () - MTV-39 series
--	--	--

Limitations

Limitations common to all products and activities

1. Development of Operational Suitability Data excludes the OSD constituents CCD - Cabin Crew Data and SIMD - Simulator Data.