

Aircraft Design Certification GmbH

Terms of Approval Design Organisation Approval Certificate EASA.21J.411

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. [not applicable];
 - 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) [not applicable];
- 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.411".

Date of issue: 07/10/2020

Robert BOERSMA Senior DOA Team Leader



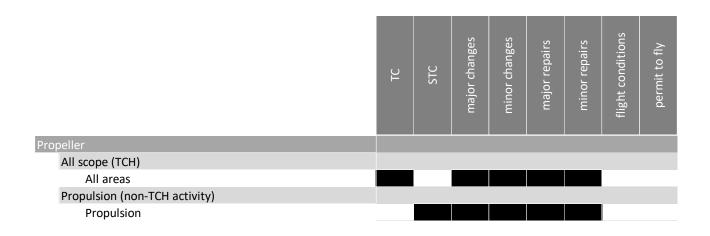


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Annex A

Scope of work

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
(Powered) sailplane								
Avionics (non-TCH activity)								
All areas								
Cabin (non-TCH activity)								
All areas								
Electrical Systems (non-TCH activity)								
All areas								
Flight (non-TCH activity)								
Flight characteristics								
Hydro-Mechanical Systems (non-TCH activity)								
All areas								
Powerplant and Fuel Systems (non-TCH activity)								
All areas								
Structures (non-TCH activity)								
All areas								







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	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
mall aeroplane								
All scope (TCH)		_						
All areas								
Flight (non-TCH activity)							1	
Flight characteristics								
Hydro-Mechanical Systems (non-TCH activity)							1	
Flight controls		_						
Fuselage doors		_						
Hydraulics/Pneumatics systems		_						
Landing gear systems								
Structures (non-TCH activity)			1	1	1	1		
Control surfaces / Moveables		_						
Empennage		_						
Engine mounts		_						
Fuselage		_						
Landing gears								
Support for external equipment								
Wings								





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	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
VLA / LSA								
All scope (TCH)								
All areas								
Avionics (non-TCH activity)								
All areas								
Cabin (non-TCH activity)								
All areas								
Electrical Systems (non-TCH activity)								
All areas								
Flight (non-TCH activity)								
Flight characteristics								
Hydro-Mechanical Systems (non-TCH activity)								
All areas								
Powerplant and Fuel Systems (non-TCH activity)								
All areas								
Structures (non-TCH activity)								
All areas								

Legend:

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

Within scope
Outside scope





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lssue 10, 07/10/2020	

List of products

Product	Design Activity	Types
Propeller	тс	TCDS EASA.P.018 WD4-51 series propellers
Small aeroplane	тс	The DOA is undertaking the actions and obligations under 21.A.2 on behalf of BRM Aero as TC holder for: TCDS EASA.A.642 Bristell B23
VLA / LSA	тс	TCDS EASA.A.019 D4 Fascination The DOA is undertaking the actions and obligations under 21.A.2 on behalf of Light Wing GA as TC holder for: TCDS EASA.A.588 LIGHTWING AC4

Limitations

Product	Limitations particular to each product
Propeller	For non-TCH activity: Propeller changes and repairs only for CS22 Subpart J certified propellers

