

Terms of Approval 21J.41
Issue 10, 07/10/2020

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].



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

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								

	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)								
Propulsion								

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

	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

List of products

Product	Design Activity	Types
Propeller	TC	TCDS EASA.P.018 WD4-51 series propellers
Small aeroplane	TC	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	TC	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