

Terms of Approval 21J.299

AMES Aerospace and Mechanical
Engineering Services Ing. Walter
Starzacher GesmbH

Issue 7, 20 March 2020

Terms of Approval

Design Organisation Approval Certificate

EASA.21J.299

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. [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.299".

Date of issue: 20/03/2020



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 aeroplanes									
Avionics									
	Communication systems		■	■	■	■	■		
	Indicating, Alerting systems		■	■	■	■	■		
	Navigation systems		■	■	■	■	■		
	Recording systems		■	■	■	■	■		
	Surveillance systems		■	■	■	■	■		
Cabin									
	Cabin interiors		■	■	■	■	■		
	Cargo compartments		■	■	■	■	■		
	Electrical cabin systems		■	■	■	■	■		
	External schemes, placards and markings		■	■	■	■	■		
	Flight deck interiors		■	■	■	■	■		
Electrical Systems									
	Electrical generation / distribution systems		■	■	■	■	■		
	External lighting systems		■	■	■	■	■		
	Wireless transmission systems		■	■	■	■	■		
Environmental Control Systems									
	Air conditioning systems		■	■	■	■	■		
	Oxygen systems		■	■	■	■	■		
	Water and waste systems		■	■	■	■	■		
Structures									
	Control surfaces / Moveables				■		■		
	Empennage				■		■		
	Fuselage		■	■	■	■	■		
	Landing gears				■		■		
	Support for external equipment		■	■	■	■	■		
	Wings				■		■		

		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large rotorcraft									
Avionics									
	Communication systems		■	■	■	■	■		
	Indicating, Alerting systems		■	■	■	■	■		
	Navigation systems		■	■	■	■	■		
	Recording systems		■	■	■	■	■		
	Surveillance systems		■	■	■	■	■		
Cabin									
	Cabin interiors		■	■	■	■	■		
	Cargo compartments		■	■	■	■	■		
	Electrical cabin systems		■	■	■	■	■		
	External schemes, placards and markings		■	■	■	■	■		
	Flight deck interiors		■	■	■	■	■		
Electrical Systems									
	Electrical generation / distribution systems		■	■	■	■	■		
	External lighting systems		■	■	■	■	■		
	Wireless transmission systems		■	■	■	■	■		
Environmental Control Systems									
	Air conditioning systems		■	■	■	■	■		
	Oxygen systems		■	■	■	■	■		
	Water and waste systems		■	■	■	■	■		
Structures									
	Empennage				■		■		
	Fuselage		■	■	■	■	■		
	Landing gears				■		■		
	Support for external equipment		■	■	■	■	■		

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		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Small rotorcraft									
Avionics									
	Communication systems		■	■	■	■	■		
	Indicating, Alerting systems		■	■	■	■	■		
	Navigation systems		■	■	■	■	■		
	Recording systems		■	■	■	■	■		
	Surveillance systems		■	■	■	■	■		
Cabin									
	Cabin interiors		■	■	■	■	■		
	Cargo compartments		■	■	■	■	■		
	Electrical cabin systems		■	■	■	■	■		
	External schemes, placards and markings		■	■	■	■	■		
	Flight deck interiors		■	■	■	■	■		
Electrical Systems									
	Electrical generation / distribution systems		■	■	■	■	■		
	External lighting systems		■	■	■	■	■		
	Wireless transmission systems		■	■	■	■	■		
Environmental Control Systems									
	Air conditioning systems		■	■	■	■	■		
	Oxygen systems		■	■	■	■	■		
Structures									
	Empennage				■		■		
	Fuselage		■	■	■	■	■		
	Landing gears				■		■		
	Support for external equipment		■	■	■	■	■		

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. Design activities that impact product's environmental characteristics are excluded.
2. Development of Operational Suitability Data excludes the OSD constituents Flight Crew Data, Simulator Data and Maintenance Certifying Data.
3. Development and demonstration of compliance related to SW/AEH with IDAL A, B and C is excluded.
4. 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.

