

Terms of Approval 21J.409  
Issue 8, 02/02/2021

S4A, Solutions for Aviation S.L

# Terms of Approval

## Design Organisation Approval Certificate

### EASA.21J.409

#### 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.409".

Date of issue: 02/02/2021



Hans LUNDSTROEM  
Senior DOA Team Leader

## Annex A

### Scope of work

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Large aeroplane</b>								
<b>Avionics</b>								
Communication systems		■	■	■	■	■		
Diagnostic and Maintenance systems		■	■	■	■	■		
Indicating, Alerting systems		■	■	■	■	■		
Navigation systems		■	■	■	■	■		
Recording systems		■	■	■	■	■		
Surveillance systems		■	■	■	■	■		
<b>Cabin</b>								
Cabin interiors		■	■	■	■	■		
Cargo compartments		■	■	■	■	■		
Electrical cabin systems		■	■	■	■	■		
External schemes, placards and markings		■	■	■	■	■		
Flight deck interiors		■	■	■	■	■		
<b>Electrical Systems</b>								
Electrical generation / distribution systems		■	■	■	■	■		
External lighting systems		■	■	■	■	■		
Wireless transmission systems		■	■	■	■	■		
<b>Environmental Control Systems</b>								
Air conditioning systems		■	■	■	■	■		
Oxygen systems		■	■	■	■	■		
Water and waste systems				■		■		
<b>Structures</b>								
Empennage		■	■	■	■	■		
Fuselage		■	■	■	■	■		
Wings		■	■	■	■	■		

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Small aeroplane</b>								
<b>Avionics</b>								
Communication systems		■	■	■	■	■		
Diagnostic and Maintenance systems		■	■	■	■	■		
Indicating, Alerting systems		■	■	■	■	■		
Navigation systems		■	■	■	■	■		
Recording systems		■	■	■	■	■		
Surveillance systems		■	■	■	■	■		
<b>Cabin</b>								
Cabin interiors		■	■	■	■	■		
Cargo compartments		■	■	■	■	■		
Electrical cabin systems		■	■	■	■	■		
External schemes, placards and markings		■	■	■	■	■		
Flight deck interiors		■	■	■	■	■		
<b>Electrical Systems</b>								
Electrical generation / distribution systems		■	■	■	■	■		
External lighting systems		■	■	■	■	■		
Wireless transmission systems		■	■	■	■	■		
<b>Environmental Control Systems</b>								
Air conditioning systems		■	■	■	■	■		
Oxygen systems		■	■	■	■	■		
Water and waste systems				■		■		
<b>Flight</b>								
Flight characteristics		■	■	■	■	■		
<b>Structures</b>								
Control surfaces / Moveables		■	■	■	■	■		
Empennage		■	■	■	■	■		
Fuselage		■	■	■	■	■		
Support for external equipment		■	■	■	■	■		
Wings		■	■	■	■	■		

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

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

**Legend:**

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

■	Within scope
□	Outside scope

## List of products

NOT APPLICABLE

## Limitations

### Limitations common to all products and activities

The design of carbon fiber laminate structures or parts, and changes or repairs hereto, are excluded.

Development and demonstration of compliance related to SW or AEH are excluded.

Design activities that have appreciably impact on product's noise characteristics are excluded.

Development of Operational Suitability Data excludes the OSD constituents FCD, SIMD and Maintenance Certifying Staff Data.

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