

APPROVAL CERTIFICATE

EASA.21J.482

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

ASI Innovation

**46 rue de la Pagerie
51470 Moncetz Longevas
France**

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 ASI-MOC, 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 Union Aviation Safety Agency**,

Date of issue: 25 October 2021



Francesco Maria Caridei
Delegated DOA Team Leader



Terms of Approval

Design Organisation Approval Certificate

EASA.21J.482

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.482”.

Date of issue: 25/10/2021



Francesco Maria Caridei
Delegated DOA Team Leader

Annex A

Scope of work

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
Large aeroplane								
Avionics								
Autoflight systems								
Communication systems								
Diagnostic and Maintenance 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								
Bleed systems								
Ice and Rain protection systems								
Oxygen systems								
Pressurization systems								
Water and waste systems								
Hydro-Mechanical Systems								
Fuselage doors								
Structures								
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
Large rotorcraft								
Avionics								
Autoflight systems		■	■	■				
Communication systems		■	■	■				
Diagnostic and Maintenance 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		■	■	■	■	■		
Structures								
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
Small aeroplane								
Avionics								
Autoflight systems		■	■	■				
Communication systems		■	■	■				
Diagnostic and Maintenance 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		■	■	■	■	■		
Flight								
Flight characteristics		■	■	■				
Structures								
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
Small rotorcraft								
Avionics								
Autoflight systems		■	■	■				
Communication systems		■	■	■				
Diagnostic and Maintenance 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		■	■	■	■	■		
Flight								
Flight characteristics		■	■	■				
Structures								
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
Very light rotorcraft								
Avionics								
Autoflight systems		■	■	■				
Communication systems		■	■	■				
Diagnostic and Maintenance 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		■	■	■	■	■		
Structures								
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
VLA / LSA								
Avionics								
Autoflight systems		■	■	■				
Communication systems		■	■	■				
Diagnostic and Maintenance 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		■	■	■	■	■		
Flight								
Flight characteristics		■	■	■				
Structures								
Control surfaces / Moveables		■	■	■	■	■		
Empennage		■	■	■	■	■		
Fuselage		■	■	■	■	■		
Support for external equipment		■	■	■	■	■		
Wings		■	■	■	■	■		

	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

1. The integration of non-TSO/ETSO equipment with SW&CEH is limited to DAL level "E".
2. Changes and repairs on PSE and critical parts are excluded.
3. Changes which impact product's noise characteristics are excluded
4. Environmental systems is limited to installation of components of the system and design of tubing and similar components.
5. Changes affecting Operational Suitability Data are excluded.
6. Flight testing activities in the frame of DOA are excluded for any of the purposes listed in 21.A.701.

Product	Limitations particular to each product
Large aeroplane	For non-TCH activity: 1. Changes and repairs on composite primary structures are excluded 2. Design changes and repairs requiring vibration/resonance and flutter are excluded
Large rotorcraft	For non-TCH activity: Refer to "Limitations common to all products and activities"
Small aeroplane	For non-TCH activity: 1. Changes and repairs on composite primary structures are excluded. 2. Design changes and repairs requiring vibration/resonance and flutter are excluded
Small rotorcraft	For non-TCH activity: Refer to "Limitations common to all products and activities"
Very light rotorcraft	For non-TCH activity: Refer to "Limitations common to all products and activities"
VLA / LSA	For non-TCH activity: 1. Changes and repairs on composite primary structures are excluded. 2. Design changes and repairs requiring vibration/resonance and flutter are excluded