

## APPROVAL CERTIFICATE

EASA.21J.414

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

### **AMAC Aerospace Switzerland AG**

**Sternengasse 18  
4051 Basel  
Switzerland**

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 AA-DOE-POE, 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 Aviation Safety Agency**,  
Date of issue: 28/09/2018



Iain HIGGINS  
Senior DOA Team Leader

# Terms of Approval

## Design Organisation Approval Certificate

### EASA.21J.414

#### 1 Scope of work

The holder of the Design Organisation Approval is entitled to design in accordance with the applicable type-certification basis, operational suitability data certification basis and environmental protection requirements as defined in Annex A.

#### 2 Privileges

- a) The holder of this design organisation approval shall be entitled to perform design activities under Part 21 and within its scope of approval.
- b) Subject to 21.A.257(b), the Agency shall accept without further verification compliance documents submitted by the holder of this design organisation approval for the purpose of obtaining, as per 21.A.263(b):
  1. [not applicable]
  2. [not applicable]
  3. a supplemental type-certificate
  4. [not applicable]
  5. [not applicable]
- c) The holder of this design organisation approval shall be entitled, within its terms of approval and under the relevant procedures of the design assurance system, as per 21.A.263(c):
  1. to classify changes to type-certificate as "major" or "minor"
  2. to approve minor changes to type-certificate
  3. to issue information or instructions containing the following statement: "The technical content of this document is approved under the authority of DOA ref. EASA.21J.414"
  4. to approve minor revisions to the aircraft flight manual and supplements, and issue such revisions containing the following statement: "Revision No [YY] to AFM (or supplement) ref. [ZZ] is approved under the authority of DOA ref. EASA.21J.414."
  5. [not applicable]
  6. to approve the conditions under which a permit to fly can be issued in accordance with 21.A.710(a)(2), except for permits to fly to be issued for the purpose of 21.A.701(a)(15)
  7. to issue a permit to fly in accordance with 21.A.711(b) for an aircraft it has designed or modified, or for which it has approved under 21.A.263(c)(6) the conditions under which the permit to fly can be issued, and when the design organisation itself is controlling under its Design Organisation Approval the configuration of the aircraft and is attesting conformity with the design conditions approved for the flight



### 3 Obligations

The holder of the Design Organisation Approval shall, as per 21.A.265:

- a) maintain the handbook in conformity with the design assurance system;
- b) ensure that this handbook is used as a basic working document within the organisation;
- c) determine that the design of products, or changes thereof, as applicable, comply with applicable requirements and have no unsafe feature;
- d) except for minor changes approved under the privilege of paragraph 2(c), provide to the Agency statements and associated documentation confirming compliance with paragraph 3(c);
- e) provide to the Agency information or instructions related to required actions under Part 21 point 21.A.3B;
- f) under the privilege of paragraph 2(c)(6), determine the conditions under which a permit to fly can be issued;
- g) under the privilege of paragraph 2(c)(7), establish compliance with Part 21 point 21.A.711(b) and 21.A.711(e) before issuing a permit to fly to an aircraft.

Date of issue: 28/09/2018



Iain HIGGINS  
Senior DOA Team Leader

## Annex A

### Scope of work

Large aeroplane		TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Avionics</b>									
	Autoflight systems								
	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								
	Bleed systems								
	Ice and Rain protection systems								
	Oxygen systems								
	Pressurization systems								
	Water and waste systems								
<b>Flight</b>									
	Flight characteristics								
<b>Powerplant and Fuel Systems</b>									
	Powerplant installations								



**Structures**





Empennage

Fuselage

Support for external equipment



**Legend:**

-  Title for product
-  Title for scope
-  Within scope
-  Outside scope

**List of products**

[not applicable]

**Limitations**

Limitations common to all products and activities

1. Development and demonstration of compliance related to SW with IDAL A, B and C is excluded.
2. Development of Operational Suitability Data excludes the OSD constituent MCSD and SIMD.