

## APPROVAL CERTIFICATE

EASA.21J.304

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

### **OGMA - Indústria Aeronáutica de Portugal S.A.**

**Parque Aeronáutico de Alverca  
2615-173 Alverca do Ribatejo  
Portugal**

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 ONS-000121, 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: 13 March 2020



Dirk KRAPPEL  
Senior DOA Team Leader



Terms of Approval 21J.304  
Issue 7, 13 March 2020

OGMA - Indústria Aeronáutica  
de Portugal S.A.

# Terms of Approval

## Design Organisation Approval Certificate

### EASA.21J.304

## 1 Scope

This Design Organisation Approval is applicable for the scope defined in Annex A and Annex B 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. to approve for certain aircraft the flight conditions under which a permit to fly can be issued in accordance with point 21.A.710(a)(2), except for permits to fly to be issued for the purpose of point 21.A.701(a)(15);
  7. to issue a permit to fly in accordance with point 21.A.711(b) for an aircraft it has designed or modified, or for which it has approved, in accordance with point 21.A.263(c)(6), the flight conditions under which the permit to fly can be issued, and where the holder of this design organisation approval itself:
    - (i) controls the configuration of the aircraft, and
    - (ii) attests conformity with the design conditions approved for the flight;
  8. (Reserved);
  9. (Reserved).



### 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) under the privilege of paragraph 2(c)(6), determine the flight conditions under which a permit to fly can be issued;
- g) under the privilege of paragraph 2(c)(7), establish compliance with points (b) and (e) of point 21.A.711 before issuing a permit to fly to an aircraft;
- 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.304".

Date of issue: 13/03/2020



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
<b>Large and small aeroplane</b>								
<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								

	TC	STC	major changes	minor changes	major repairs	minor repairs	flight conditions	permit to fly
<b>Hydro-Mechanical Systems</b>								
Flight controls						■	■	■
Fuselage doors						■	■	■
Hydraulics/Pneumatics systems						■	■	■
Landing gear systems						■	■	■
Ram air turbine						■	■	■
<b>Powerplant and Fuel Systems</b>								
Fuel systems						■	■	■
Powerplant installations						■	■	■
<b>Structures</b>								
Control surfaces / Moveables						■	■	■
Empennage		■	■	■	■	■	■	■
Engine mounts						■	■	■
Fuselage		■	■	■	■	■	■	■
Landing gears						■	■	■
Support for external equipment		■	■	■	■	■	■	■
Wings		■	■	■	■	■	■	■

**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

1. Changes which impact product's environmental characteristics are excluded.
2. Privileges for the approval of flight conditions and issue of permit to fly are limited to the cases identified in 21.A.701(a)2 and 21.A.701(a)11.
3. Development of Operational Suitability Data excludes the OSD constituent SIMD.
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 type-certificate or the supplemental type-certificate.

## Annex B

### ETSO Authorisation

(not applicable)

