

APPROVAL CERTIFICATE

EASA.21J.038

Pursuant to Regulations (EC) 216/2008 and (EU) 748/2012 and subject to the conditions specified below, the Agency hereby certifies

RUAG Aerospace Services GmbH

**Sonderflughafen Oberpfaffenhofen
D-82231 Wessling
Germany**

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 Entwicklungsbetriebshandbuch, doc. no. E-002-2004DOH, 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: 1 December 2015

Dominique ROLAND
Head of Design Organisations Department



Terms of Approval

Design Organisation Approval Certificate

EASA.21J.038

1 Scope of approval

This Design Organisation Approval has been granted for:

- designing in accordance with the applicable type certification basis, operational suitability data certification basis and environmental protection requirements:
 - 1) changes and repairs to aircraft for which RUAG Aerospace Services GmbH is the type-certificate holder
 - 2) changes and repairs to aircraft for which RUAG Aerospace Services GmbH is not the type-certificate holder, in the following area:
 - Avionics,
 - Installation of avionics equipment,
 - Electrical systems,
 - Structure,
 - Cabin interiors,
 - Galleys or other interiors equipment,
 - Special equipment,
 - Performance aspects related to aforementioned technical fields.
- demonstrating and verifying the compliance with the applicable type-certification basis, operational suitability data certification basis and environmental protection requirements, and
- demonstrating to the Agency this compliance.

2 Categories of products

Aeroplanes and rotorcraft.

3 List of products

Types for which RUAG Aerospace Services is type-certificate holder:

- Dornier 228,
- Dornier 128,
- Do 28.

4 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:
1. the approval of flight conditions required for a permit to fly; or
 2. an approval of a major change to a type-certificate; or
 3. a supplemental type-certificate; or
 4. a major repair design approval.
- 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:
1. to classify changes to the type-certificate and repairs as "major" or "minor";
 2. to approve minor changes to the type-certificate and minor repairs;
 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.038";
 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.038.";
 5. to approve the design of major repairs to products for which it holds the type-certificate or the supplemental type-certificate;
 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.

5 Limitations

[See in 1, above]

1. For aircraft for which RUAG Aerospace Services GmbH is not TC Holder, the privilege to approve the flight conditions supporting permit to fly is limited to the technical capability defined in the scope.
2. When RUAG Aerospace Services GmbH is using the privilege to approve flight conditions supporting permit to fly for in-service aircraft for which it is TC Holder, outside flights related to development or showing of compliance for changes and repairs approval purpose, the privilege is limited to aircraft which are under the control of its maintenance organisation.
3. Operational Suitability Data excludes the OSD constituents Simulator Data and Maintenance Certifying Staff Data.

Date of issue: 1 December 2015



Dominique ROLAND
Head of Design Organisations Department