



European Aviation Safety Agency

APPROVAL CERTIFICATE

EASA.21J.063

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

MARSHALL AVIATION SERVICES LIMITED

**Hawarden Airport
Broughton
Flintshire
North Wales, CH4 0BA
United Kingdom**

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 QIX-MASL-001, 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 May 2014

Roger SIMON

Design Organisation Manager

European Aviation Safety Agency

Terms of Approval

Design Organisation Approval Certificate EASA.21J.063

1. Scope of approval

This Design Organisation Approval has been granted for:

- designing in accordance with the applicable type-certification basis and environmental protection requirements changes and repairs to aeroplanes in the following areas:

- primary metallic structure
- secondary or tertiary metallic or composite structure
- avionic and instrument systems
- cabin interiors and furnishings
- secondary power supply systems
- cabin service and special role equipment
- non-energy absorbing seats

- demonstrating and verifying the compliance with the applicable type-certification basis and environmental protection requirements, and
- demonstrating to the Agency this compliance.

2. Categories of products

Aeroplanes

3. List of products

[Not applicable]

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. a supplemental type-certificate; or
2. 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 type design and repairs as "major" or "minor".
2. to approve minor changes to type design 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.063".
4. to approve documentary changes to the aircraft flight manual, and issue such changes containing the following statement: "Revision nr. xx to AFM ref. yyy is approved under the authority of DOA ref. EASA.21J.063."
5. to approve the conditions under which a permit to fly can be issued in accordance with 21.A.710(a)(2),

- (i) except for initial flights of:
 - a new type of aircraft, or
 - an aircraft modified by a change that is or would be classified as a significant major change, or
 - an aircraft whose flight and/or piloting characteristics may have been significantly modified.
- (ii) 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, and when the design organisation itself is controlling under its DOA 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 changes to primary structure written agreement from the Agency is required.
2. Changes to pressure hulls/pressurized fuselages are restricted to the installation of avionics/electrical systems and cabin interior furnishings.
3. Changes to avionic and instrument systems excludes software design.
4. Privilege to approve the flight conditions supporting permits to fly is restricted to the technical capability defined in the scope.

Date of issue: 28 May 2014



Roger SIMON
Design Organisation Manager