



Civil Aviation Authority
of the
United Kingdom

DESIGN ORGANISATION

APPROVAL CERTIFICATE

REFERENCE: UK.21J.0036

Pursuant to Regulation (EC) No 2018/1139 and Commission Regulation (EU) No 748/2012 for the time being in force and subject to the conditions specified below, the Civil Aviation Authority of the United Kingdom hereby certifies:

AEROSPACE ENGINEERING SOLUTIONS LIMITED

**6 FREEPORT OFFICE VILLAGE
CENTURY DRIVE
BRAINTREE
CM77 8YG**

Registered Company Number: 04281247

as a design organisation in compliance with Annex I (Part-21) Subpart J of Regulation (EU) No 748/2012.

CONDITIONS

1. This approval is limited to that specified in the Terms of Approval, and
2. This approval requires compliance with the procedures specified in the approved Design Organisation Handbook, and
3. This approval is valid whilst the approved design organisation remains in compliance with Annex I (Part-21) Subpart J of Regulation (EU) No 748/2012.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue: 01 JANUARY 2021

Signed:

Date of this revision: 01 JANUARY 2021

Revision No: UK.21J.255

For the Civil Aviation Authority

DESIGN ORGANISATION

TERMS OF APPROVAL

REFERENCE: UK.21J.0036

ORGANISATION: AEROSPACE ENGINEERING SOLUTIONS LIMITED
6 FREEPORT OFFICE VILLAGE, CENTURY DRIVE, BRAINTREE, CM77 8YG

Terms of Approval: Privileges

| | |
|----------------|---|
| 21.A.263(a) | (Reserved) |
| 21.A.263(b) | (Reserved) |
| 21.A.263(c) | The holder of this Design Organisation Approval shall be entitled, within the scope of these terms of approval, and under the relevant procedures of the design assurance system: |
| 21.A.263(c)(1) | to classify changes to a type-certificate or to a supplemental type-certificate and repair designs as 'major' or 'minor'; |
| 21.A.263(c)(2) | to approve minor changes to a type-certificate or to a supplemental type-certificate and minor repair designs; |
| 21.A.263(c)(3) | (Reserved); |
| 21.A.263(c)(4) | (Reserved); |
| 21.A.263(c)(5) | (not applicable) |
| 21.A.263(c)(6) | (not applicable) |
| 21.A.263(c)(7) | (not applicable) |
| 21.A.263(c)(8) | (not applicable) |
| 21.A.263(c)(9) | (not applicable) |

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Terms of Approval: Technical Areas of Scope

| | Technical Area of Scope | Flight | Structures | Cabin | Avionics | Electrical Systems | Hydro-Mechanical Systems | Environmental Control Systems | Rotor Drive Systems | Powerplant and Fuel Systems | Propulsion |
|---------------------------|----------------------------|--------|------------|-------|----------|--------------------|-----------------------------|----------------------------------|------------------------|--------------------------------|------------|
| Product Class | Large Aeroplane | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| | Small Aeroplane | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| | VLA / LSA | | | | | | | | | | |
| | (Powered) Sailplane | | | | | | | | | | |
| | Large Rotorcraft | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| | Small Rotorcraft | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| | Very Light Rotorcraft | | | | | | | | | | |
| | Gyroplane | | | | | | | | | | |
| | Balloon | | | | | | | | | | |
| | Airship | | | | | | | | | | |
| | Turbine Engine | | | | | | | | | | |
| | Piston Engine | | | | | | | | | | |
| | APU | | | | | | | | | | |
| | Propeller | | | | | | | | | | |
| UAV | | | | | | | | | | | |
| Activity Scope | TC | | | | | | | | | | |
| | STC | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | Major Changes | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | Minor Changes | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| | Major Repairs | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | Minor Repairs | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| | Flight Conditions | | | | | | | | | | |
| | Permit to Fly | | | | | | | | | | |

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Terms of Approval: Limitations

1. Development and demonstration of compliance related to SW with IDAL A, B, C and D is excluded.
2. Development of Operational Suitability Data excludes the OSD constituents MCSD and SIMD.
3. Changes affecting Hydro-Mechanical Systems excludes ram air turbine and is limited to minor changes and minor repairs except for hydraulics/pneumatics systems.
4. Changes affecting Powerplant and Fuel Systems is limited to powerplant installations.
5. Changes affecting Structures excludes rotors/blades and is limited to minor changes for landing gears.

This approval schedule is limited to those products and technical areas specified in the scope of work section of the approved Design Organisation Handbook.

Design Organisation Handbook reference: AES/PART21DHB

Date of original issue: 20 SEPTEMBER 2019

Signed:

Date of last revision approved: 20 SEPTEMBER 2019

Revision No: PART 1 - ISSUE 17.1

For the Civil Aviation Authority