



MINISTRY OF DEFENCE

Wing Commander Ron Ousby
Deputy Head of Approvals
Technical Group

Military Aviation Authority
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Military Aviation Authority



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Meggitt Avionics
Titchfield Park
Barnes Wallis Road
Segansworth East
Fareham
Hants
PO15 5TT

Our Reference: ALTG/07/03/11/155

Your Reference:

11 November 2010

Design Approval Certification for Military Aircraft and Airborne Equipment

1. This certification recognises the organisation's capability for the design, development and certification of the following products and services under contract with the Ministry of Defence:

1.1. At Meggitt Avionics (Fareham) for:

1.1.1. Electronic aircraft instruments and sensors, including air data computers, altimeters, attitude sensing systems, display systems and associated software.

1.1.2. Electronic and electro-mechanical aircraft data acquisition, monitoring and recording systems, their associated sensors, beacons and software, including engine data recorders.

1.1.3. Mechanical and electro-mechanical aircraft instruments and sensors.

1.1.4. Airborne cryogenic and gaseous equipment.

1.1.5. Aircrew breathing and related equipment.

2. CONDITIONS:-

2.1 Where the aircraft structure is affected, or where there is installation, integration or modification of equipment or systems in an aircraft, any limitations prescribed by the aircraft design organisation for structure, aerodynamics, weight, centre of gravity, and systems (including software) must be respected. Designs shall not transgress such limitations without the written technical agreement of the aircraft design organisation, and/or the MOD project Team Leader (TL) for the aircraft concerned.

2.2 The aircraft design organisation shall be consulted if the installation or modification affects primary structure, primary controls, primary instruments or displays, or the external shape of the aircraft, including stores.

2.3 Where consultation with the aircraft design organisation is considered inappropriate the case shall be fully documented, and the responsibility will rest with the recognised design signatories. The TL for the aircraft concerned shall be informed in all such cases.

2.4. All changes to the aircraft build standard shall be forwarded to the aircraft design organisation for configuration management purposes.

3. Overall responsibility for the Design Organisation rests with:

Mr S Riddiford – Programmes & Engineering Director

4. Design Certificates, as required by Defence Standard 05-123, Part 1, Issue 2 and which are to be submitted to the TL, will be certified by:

on behalf of the Board of Meggitt Avionics by:

Mr S Riddiford – Programmes & Engineering Director, or

Mr S Free – Deputy Engineering Manager

and for design:

For Items 1.1.1, 1.1.2 & 1.1.3:

Mr J Stock – Chief Engineer, or

Mr R Knock – Chief Engineer, or

Mr S Riddiford – Programmes & Engineering Director

For Items 1.1.4 & 1.1.5:

Mr J Stock – Chief Engineer, or

Mr R Knock – Chief Engineer, or

Mr S Riddiford – Programmes & Engineering Director, or

Mr R Black – Senior Engineer

NOTE: Where Mr R Black signs; this must be counter-signed by another design signature.

For Structural clearance:

Mr J Stock – Chief Engineer, or

Mr R Knock – Chief Engineer, or

Mr S Riddiford – Programmes & Engineering Director

NOTE: The same signatory may not sign for both Board and Design on the same Certificate of Design.

9. This certification is subject to the requirements of Defence Standard 05-123, 'Technical Procedures for the Procurement of Aircraft, Weapon and Electronic Systems'.



R T OUSBY
Wg Cdr
for DG MAA