

**PROTECT - COMMERCIAL**



Deputy Head of Oversight and Approvals 2  
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Meggitt Avionics  
Titchfield Park  
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Fareham  
Hants  
PO15 5TT

Reference: UK.MAA.DAOS.155

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**DESIGN APPROVAL CERTIFICATE FOR MILITARY AIRCRAFT AND AIRBORNE EQUIPMENT**

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

At Meggitt Avionics (Fareham) for:

- a. Electronic aircraft instruments and sensors, including air data computers, altimeters, attitude sensing systems, display systems and associated software.
- b. Electronic and electro-mechanical aircraft data acquisition, monitoring and recording systems, their associated sensors, beacons and software, including engine data recorders.
- c. Mechanical and electro-mechanical aircraft instruments and sensors.
- d. Airborne cryogenic and gaseous equipment.
- e. Aircrew breathing and related equipment.

2. The following conditions apply to this certificate:

- a. Where the aircraft structure is affected, or where there is installation, integration or modification of equipment or aircraft systems, any limitations prescribed by the Aircraft Design Organization 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 Organization, and/or the MOD Project Team Leader (TL) for the aircraft concerned.
- b. The Aircraft Design Organization 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.
- c. Where relevant design documentation cannot be obtained from the Aircraft Design Organization/OEM or where consultation is considered not to be required, then any potential impact on Safety or Airworthiness shall be assessed and fully documented. This

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responsibility will rest with the recognised design signatories. The TL for the aircraft concerned shall be informed in all such cases.

d. All changes to the aircraft build standard shall be forwarded to the Aircraft Design Organization for configuration management purposes.

3. Overall responsibility for the Design Organization rests with:

**Mr M Crompton** – Programmes & Engineering Director

4. Certificates of Design, as required by MAA Regulatory Publications (MRP), DME 5000 Series (or Defence Standard (Def Stan) 05-123 where contract signature pre-dates the issue of the MRP) and which are to be submitted to the TL, will be certified by:

**Mr S Riddiford** – Strategy and Technology Director on behalf of the Board of Meggitt Avionics, or by,

**Mr S Free** – Deputy Engineering Manager.

and for design:

**Mr J Stock** – Chief Engineer, or by,

**Mr R Knock** – Chief Engineer, or by,

**Mr S Riddiford** – Programmes & Engineering Director

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.

5. This certification is subject to the requirements of the MRP (or Def Stan 05-123<sup>1</sup> 'Technical Procedures for the Procurement of Aircraft, Weapon and Electronic Systems' where contract signature pre-dates the issue of the MRP).



A B Read  
Group Captain  
for Director General MAA

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<sup>1</sup> See <http://www.mod.uk/DefenceInternet/AboutDefence/corporatepublications/airsafetyandaviationpublications/maa/rf/>