



MINISTRY OF DEFENCE

Wing Commander Ron Ousby
Deputy Head of Approvals
Technical Group

Military Aviation Authority
Larch 0A#2018
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Portsmouth Aviation Ltd
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Portsmouth
Hampshire
PO3 5PF

Reference: ALTG/07/03/11/290

22 March 2011

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. **Bombs – HE and HES. Bombs – Guided, Bombs – Support Equipment, Bombs & Guided Bombs – modifications, Practice Bombs, Bomb Ancillaries – tails, adaptor rings, harness assemblies & Weapon containers.**
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 C Webb – Technical Director

4. For the purpose of this approval, the senior design staff are:

Mr T Marsh – Senior Design Engineer

5. 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:

Mr C Webb – Technical Director, on behalf of the Board of Portsmouth Aviation Ltd

and for design by:

Mr R Baker – Chief Engineer

6. 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