



DECLARATION OF DESIGN AND PERFORMANCE

DDP Number:

Issue Number:

1. Name of Manufacturer:

Address of Manufacturer:

2. Description and identification of article including:

Type Number:

Modification Standard:

Master Drawing Record:

Weight and Overall Dimensions:

3. Specification reference, i.e. UAE Military Technical Standard Order (UAEMTSO) Number and Manufacturer's design specification.
4. The rated performance of the article directly or by reference to other documents.
5. Particulars of approvals held for the equipment.
6. Reference to qualification test report.
7. Service and Instruction Manual reference number.
8. Statement of compliance with appropriate UAEMTSO and any deviations thereof.
9. A statement of the level of compliance with the UAEMTSO in respect of the ability of the article to withstand various ambient conditions or to exhibit various properties.

The following are examples of information to be given under this heading depending on the nature of the article and the requirements of the UAEMTSO:

a) Environmental Qualification

- i. Temperature and Altitude
- ii. Temperature Variation
- iii. Humidity
- iv. Operational Shocks and Crash Safety
- v. Vibration
- vi. Explosion Proof Ability
- vii. Waterproof Ability
- viii. Fluids Susceptibility
- ix. Sand and Dust
- x. Fungus Resistance
- xi. Salt Spray
- xii. Magnetic Effect
- xiii. Power Input
- xiv. Voltage Spike
- xv. Audio Frequency Conducted Susceptibility- Power Inputs
- xvi. Induced Signal Susceptibility



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- xvii. Radio Frequency Susceptibility (Radiated and Conducted)
- xviii. Emission of Radio Frequency Energy
- xix. Lightning Induced Transient Susceptibility
- xx. Lightning Direct Effects
- xxi. Icing
- xxii. Electrostatic Discharge
- xxiii. Fire, Flammability

NOTE: The manufacturer should list environmental categories for each of the sections of the issue of EUROCAE ED-14/RTCA DO-160 or military equivalent standard that was used to qualify the article.

- b) For radio transmitters the transmitting frequency band, maximum transmitting power, and emission designator.
- c) Working and ultimate pressure loads.
- d) Time rating, e.g. continuous, intermittent, or duty cycle.
- e) Limits of accuracy of measuring instruments.
- f) Any other known limitations, which may limit the application in the aircraft, e.g. restrictions in mounting attitude.

NOTE: The categories referred to are those listed in the current issue of EUROCAE ED-14 / RTCA document DO-160 or military equivalent standard.

10. A statement of criticality of software or "None" if not applicable.

NOTE: Software levels are those defined in the current issue of EUROCAE ED-12C/RTCA document DO-178C.

11. A statement of design assurance level for complex hardware or a statement indicating whether complex hardware is embedded or not in a product.

NOTE: Complex hardware design assurance levels are those defined in the applicable issue of EUROCAE ED-80/RTCA document DO-254.

12. The declaration in this document is made under the authority of:

(Name of Manufacturer)

(Manufacturer's name) cannot accept responsibility for equipment used outside the limiting conditions stated above without their agreement.

Manufacturer's Authorised Representative

Name

Position

Signature

Date