

DECLARATION OF DESIGN AND PERFORMANCEIn General Accordance with **AMC 21A.608**

1. Name and address of manufacturer

GE Intelligent Platforms Ltd,
Old Tiffield Road,
Towcester,
Northamptonshire,
NN12 6PF,
United Kingdom
CAGE Code K7034

2. Description and identification of article

- a. Type No .DAQMAG2A Rugged Display Computer
- b. Modification Standard Revision 1B
- c. Master drawing record DAQMAG2A (Configuration 5A8B1001)
- d. Weight 4.3Kgs
- e. Overall dimensions 219 x 167 x 85.5 + Connector throat.

Note The DAQMAG2A Rev 1B is a direct copy of DAQMAG2 Rev 1L defined as a configuration baseline for future developments. All qualification tests and ancillary documentation are equally applicable to the DAQMAG2A Rev 1B as they are to the DAQMAG2 Rev 1L

3. Specification reference, i.e., ETSO No. and Manufacturer's design specification.

DAQMAG2-0VA-01

4. The rated performance of the article directly or by reference to other documents.

DAQMAG2-0VD-1

5. Particulars of approvals held for the equipment.

None

6. Qualification test report.

DAQMAG2-0UK-500 Rev A Read across statement

DAQMAG2-0UK-501 Rev A EMC Qualification Test Report

DAQMAG2-0UK-503 Rev A Salt Spray and Flammability Test Report

DAQMAG2-0UK-504 Rev A Environmental Qualification Test Report

DAQMAG2-0UK-505 Rev A Fungus Test Report

DAQMAG2-0UK-506 Rev A EMC Qualification Test Report for Rev 1J Equipment

DAQMAG2-0UK-507 Rev A Environmental Qualification Test Report for Rev 1J equipment

7. Service and Instruction Manual reference number.

DAQMAG2-HRM/1

8. Statement of compliance with appropriate ETSO and any deviations therefrom.

N/A

9. A statement of the level of compliance with the ETSO 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 ETSO.

- a. Working and ultimate pressure or loads.
N/A
- b. Limitations of voltage and frequency
The equipment complies with RTCA DO-160G Section 16 Category Z.
- c. Time rating (e.g., continuous, intermittent) or duty cycle.
The equipment is specified for continuous operation
- d. Limits of accuracy of measuring instruments.
The equipment contains no measuring instruments
- e. Whether the equipment is "flameproof" (explosion-proof).
The equipment is not categorised as flame proof.
- f. Whether the equipment is "fire-resistant".
The equipment is not categorised as fire-resistant.
The equipment complies with the flammability requirements RTCA DO-160G Section 26 Category C
- g. The compass safe distance.
The equipment complies with RTCA DO-160G Section 15 Category Z
- h. Level of radio interference
The equipment complies with RTCA DO-160G Section.21 Category M
- i. Radio and audio frequency susceptibility.
The equipment complies with RTCA DO-160G Sections 18 Category Z (DC), 19 Category ZC and 20 Category T
- j. Degree of vibration which the equipment will withstand.
The equipment complies with RTCA DO-160G Section 8 Category U
- k. Degree of acceleration and shock which the equipment will withstand.
The equipment complies with RTCA DO-160G Section 7 Category B
- l. Degree of waterproofness or sealing of equipment.
The equipment complies with RTCA DO-160G Section 10 Category W
- m. Ability to withstand sand and dust.
The equipment complies with RTCA DO-160G Section 12 Category D
- n. Ability to resist salt spray and aircraft fluids.
The equipment complies with RTCA DO-160G Section 14 Category S
No testing has been performed to verify resistance to fluids
- o. Fungus resistance.
The equipment complies with RTCA DO-160G Section 13 Category F
- p. Temperature and altitude category.
The equipment complies with RTCA DO-160G Section 4 Category B2

q. Humidity category.

The equipment complies with RTCA DO-160G Section 6 Category B2

r. Any other known limitations which may limit the application in the aircraft e.g., restrictions in mounting attitude.

None

(NOTE: The "categories" referred to are those listed in the current issue of EUROCAE ED-14/RTCA document DO-160).

10. A statement of criticality of software.


Application software is not provided and is not supported by this DDP. Criticality of software should be addressed at the next higher assembly.

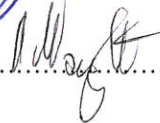
(NOTE: Software levels are those defined in the current issue of EUROCAE ED-12B/RTCA document DO-178B.)

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

...GE Intelligent Platforms Ltd.....(name of manufacturer)

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

Date: 6/2/15 Signed: .....Design Assurance Manager
 (Manufacturer's authorised representative)

Date: 9/2/15 Signed: .....Principle Engineer (Chief Engineer's Office)
 (Manufacturer's authorised representative)