Certificate of Accreditation

UKAS United Kingdom Accreditation Service

Glenair UK Ltd

Testing Laboratory No. 29564

Is accredited in accordance with International Standard ISO/IEC 17025:2017 – General Requirements for the competence of testing and calibration laboratories.

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate, and the operation of a management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017). The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

Matt Gantley, *Chief Executive Officer*
United Kingdom Accreditation Service

Initial Accreditation: 26 June 2025
Certificate Issued: 26 June 2025

ilac-MRA

UKAS United Kingdom Accreditation Service

Scan QR Code to verify

UKAS is appointed as the sole national accreditation body for the UK by The Accreditation Regulations 2009 (SI No 3155/2009) and operates under a Memorandum of Understanding (MoU) with the Department for Business and Trade (DBT).

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

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Accredited to ISO/IEC 17025:2017

Glenair UK Ltd

Issue No: 001 **Issue date:** 26 June 2025

18 Hamilton Way
Mansfield
Nottinghamshire
NG18 5BU

Contact: Liam Wilson
Tel: +44 (0) 1623 638 100 Ext 642
Mob: +44 (0) 7514 7500722
E-Mail: LWilson@glenair.co.uk
Website: www.glenair.co.uk

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
General Non-Explosive Equipment Including: Electrical / Electronic Components, Connectors and Products	**ENVIRONMENTAL TESTS** **Climatic Testing** **Low Temperature** Temp range : Min -55°C 0.49 m x 0.48 m x 0.53 m **High Temperature** Temp range: Max +125°C 0.65 m x 0.46 m x 0.41 m **Change of Temperature** Temp range: -55°C to +125°C (max ramp rate 5°C/min) 0.41 m x 0.47 m x 0.51 m **Thermal Shock – Manual Transfer** Temp range : max +155°C Temp range: min -65°C **Thermal Shock – Auto Transfer** Temp range : max +155°C Temp range: min -65°C 0.3 m x 0.23 m x 0.13 m Load Capacity: Max 4 kg	 IEC 60068-2-1:2007 IEC 60068-2-2:2007 IEC 60068-2-14: 2023 Test Na only IEC 60068-2-14: 2023 EIA-364-32G Method A Only EIA-364-32H Method A only IEC 60068-2-14: 2023 EIA-364-32G Method A only EIA-364-32H Method A only

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General Non-Explosive Equipment Including: Electrical / Electronic Components, Connectors and Products (cont'd)	**ENVIRONMENTAL TESTS** (cont'd) **Temperature with Humidity** Steady State and Cyclic Temp range:- +10 °C to +85°C Humidity Range: 10%rh to 98%rh 0.41 m x 0.47 m x 0.51 m **Low Air Pressure** Diameter 0.32 m x 0.42 m **Salt Mist** 1.01 m x 0.64 m x 1.14 m **DYNAMIC TESTING** **Vibration Sinusoidal** Freq range: 2 to 2650 Hz Max peak thrust: 35.6 kN Max peak acceleration: 100 Gn Max displacement: 50.8 mm pk-pk Max mass vertical: 600 kg **Vibration: Random** Freq range: 2 to 2650 Hz Max peak thrust: 31.1 kN Max peak acceleration: 70 Grms Max displacement: 50.8 mm pk-pk Max mass vertical: 600 kg **Shock And Bump** Severity: 1 to 50 Gn Duration: 1 to 22 ms Max peak thrust: 31.1 kN Max displacement: 50.8 mm pk-pk Max mass vertical: 600 kg	 IEC 60068-2-30: 2005 IEC 60068-2-78: 2012 IEC 60068-2-13: 2021 IEC 60068-2-11:2021 EIA-364-26C IEC 60068-2-6:2007 IEC 60068-2-64:2008+ AMD1:2019 IEC 60068-27:2008

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General Non-Explosive Equipment Including: Electrical / Electronic Components, Connectors and Products (cont'd)	**ELECTRICAL TESTING** **Low Level Contact Resistance** 0.1 to 500 mΩ **Rated Current Contact Resistance** 0.1 to 500 mΩ **Insulation Resistance** 0 to 1 TΩ Up to 2 kV **Dielectric Withstand Voltage** Up 6 kV DC and AC (50/60 hz only)	 EIA-364-23C EIA-364-23D EIA-364-23E EIA-364-06C EIA-364-21E EIA-364-21F EIA-364-20E EIA-364-20F
METALS, ALLOYS and METAL PRODUCTS	**METALLURGICAL TESTS** Metallic & Oxide Coating Thickness	 ASTM B487-24
END		