

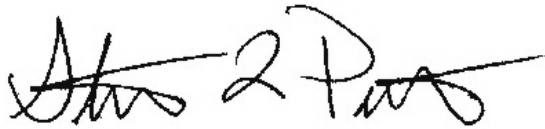
CERTIFICATE OF COMPLIANCE**Certification Number: ESL130047-C810H w/ Change 1 Rev. 1****Company:** Getac Technology Corporation**Equipment Tested:** Getac F110**Test Standard:** MIL-STD-810H w/ Change 1

Details: This is to certify that the following environmental tests have been performed on the **Getac F110** and found to be in compliance with the requirements and procedures of **MIL-STD-810H w/ Change 1** detailed in the following summary table.

No evidence of functional failure was observed during testing.

All calibrated Test equipment utilized during testing is maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

For further test details please reference the Eurofins Electrical and Electronic Testing NA, Inc. test report, ESL130047-MIL Rev. 1.



Steven Pitta
General Manager
Eurofins Electrical and Electronic Testing NA, Inc.

February 6, 2024
Date



Christopher Bladen
Senior Project Engineer, Environmental Laboratory
Eurofins Electrical and Electronic Testing NA, Inc.

February 6, 2024
Date

MET Certificate Number: ESL130047-C810H w/ Change 1 Rev. 1

CERTIFICATE OF COMPLIANCE: Certification Number: ESL130047-C810H w/ Change 1 Rev. 1

The table below is to show that the following environmental testing was performed on the **Getac F110** and is in compliance with the requirements of MIL-STD-810H w/ Change 1 below:

Test	Procedure Specification		MIL-STD-810H Reference	Pass/Fail
Altitude (Low Pressure)-Storage/Air Transport	50,000ft with altitude change rate 2,000 ft/min.	Non-operating	Method 500.6 Procedure I	Pass
Altitude (Low Pressure)-Operation/Air Carriage	50,000ft with attitude change rate 2,000 ft / min	Operating	Method 500.6 Procedure II	Pass
High Temperature	Seven 24 hour cycles of 33-71°C (91– 160°F)	Non-operating	Method 501.7 Procedure I	Pass
High Temperature	72 hours constant temperature exposure 63°C (145°F)	Operating	Method 501.7 Procedure II	Pass
High Temperature-Tactical Standby to Operational	High storage (non-operating) to high operating (test for operation) 71 °C (160° F) Standby, 63 °C (145° F) Operating	Non-operating to Operating	Method 501.7 Procedure III	Pass
Low Temperature	72 hours constant temperature exposure -51.1° C (-60° F)	Non-operating	Method 502.7 Procedure I	Pass
Low Temperature	72 hours constant temperature exposure -29° C (-20° F)	Operating	Method 502.7 Procedure II	Pass
Temperature shock	Multi-cycle shocks from constant extreme temperature: -51.1°C~71°C (-60° F~160° F), temperature shock, three cycles	Non-operating	Method 503.7 Procedure I -C	Pass
Solar Radiation	Cyclic heat, 7 days. Category A1.	Non-operating	Method 505.7 Procedure I	Pass
Blowing Rain	Blowing Rain- 5.8in/hr rain, 70mph wind, 30 minutes per surface	Operating	Method 506.6 Procedure I	Pass ¹
Rain Drip	Rain Drip, 15 minute exposure (280L/m ² /hr)	Operating	Method 506.6 Procedure III	Pass
Humidity- Aggravated	Ten 24-hour temperature cycles between 30°C (86°F) and 60°C (140°F) with relative humidity maintained at 95% RH	Non-operating	Method 507.6 Procedure II	Pass
	Ten 24-hour temperature cycles between 30°C (86°F) and 60°C (140°F) with relative humidity maintained at 95% RH	Operating	Method 507.6 Procedure II	Pass
Fungus	Fungus test for ~32 days	Non-operating	Method 508.8	Pass ¹
Salt Fog / Corrosive Environments	24 hours of salt fog soaking followed by a 24 hours drying period. Repeated for a total of two cycles	Non-operating	Method 509.8 Procedure I	Pass ²
Sand and Dust: Blowing Dust	Dust resistance using Silica flour with 6 hours at 23°C and an additional 6 hours at 63°C	Operating	Method 510.7 Procedure I	Pass
Sand and Dust: Blowing Sand	Blowing sand with a Sand concentration of 2.2+0.5g/m ³ at 63 °C	Operating	Method 510.7 Procedure II	Pass
Explosive Atmosphere	Altitude 20,000 ft and temperature of 63°C (145°F)	Operating	Method 511.7 Procedure I	Pass ¹
Vibration- General Vibration	Category 20, Ground vehicles - Ground mobile, composite wheeled vehicles, Figure 514.8 C-6, 2hr/ axis	Operating	Method 514.8, Procedure I, Category 20	Pass
Vibration- General Vibration	Category 4, common carrier Figure 514.8 C-2, 2hr/ axis	Operating	Method 514.8, Procedure I Category 4	Pass

MET Certificate Number: ESL130047-C810H w/ Change 1 Rev. 1

The Nation's First Nationally Recognized Testing Laboratory Licensed by OSHA

914 West Patapsco Avenue, Baltimore MD 21230 Phone (410)354-3300- Fax (410) 354-3313- Web www.metlabs.com

Vibration- General Vibration	Category 5, Loose cargo (Transportation)	Non-operating	Method 514.8, Procedure II, Category 5	Pass
Vibration- General Vibration	Under Fig 514.8 E-1 General min. integrity exposure	Non-operating	Method 514.8, Procedure I, Category 24	Pass
Shock- Functional Shock	40g, 11ms, Terminal Saw tooth	Operating	Method 516.8 Procedure I	Pass
Shock- Functional Shock	Peak Acceleration of 75g's, Effective Shock Duration of 8-13ms, and Cross-Over Frequency of 80Hz	Operating	Method 516.8 Procedure I	Pass
Shock: Transit Drop	All drops performed on one unit: 26 total drops from 72 in height, free drop onto 2 in of plywood.	Operating	Method 516.8 Procedure IV	Pass
Shock: Bench Handling	4 drops on solid wooden bench top	Operating	Method 516.8 Procedure VI	Pass
Freeze / Thaw	Rapid Temperature Change for 3 cycles	Non-operating	Method 524.1 Procedure III	Pass

Note 1: Testing was subcontracted and performed by National Technical Systems at 36 Gilbert Street South, Tinton Falls, NJ 07701. Please see Appendix for subcontract reports.

Note 2: This test was conducted under Eurofins project #130047. All other testing was conducted under Eurofins project #113092.