

CERTIFICATE OF COMPLIANCE
Certification Number: ESL115065-C810H

Company: Getac Technology Corporation
Equipment Tested: Getac ZX10 Rugged Tablet Computer
Test Standard: MIL-STD-810H

Details: This is to certify that the following environmental tests have been performed on the **Getac ZX10 Rugged Tablet Computer** and found to be in compliance with the requirements and procedures of **MIL-STD-810H** 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, ESL115065-MIL.



Johnnie Evans
Manager, Environmental Laboratory
Eurofins Electrical and Electronic Testing NA, Inc.

November 18, 2021
Date



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

November 18, 2021
Date

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The table below is to show that the following environmental testing was performed on the **Getac ZX10 Rugged Tablet Computer** and is in compliance with the requirements of MIL-STD-810H below:

Test	Procedure Specification	MIL-STD-810H Reference	Pass/Fail
Low Pressure (Altitude) - Storage/Air Transport	Non-operating: 50,000 ft with altitude change rate 2,000 ft/min	Method 500.6, Procedure I	Pass
Low Pressure (Altitude)- Operation/Air Carriage	Operating: 50,000 ft with altitude change rate 2,000 ft/min	Method 500.6, Procedure II	Pass
High Temperature-Storage	Seven 24 hour cycles of 33-71°C (91-160°F) (Non-operating)	Method 501.7, Procedure I, Induced A1 Hot Dry	Pass
High Temperature-Operation	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)	Method 501.7, Procedure III	Pass
Low Temperature-Storage	72 hours constant temperature exposure -51.1°C (-60°F)	Method 502.7, Procedure I, Induced (Storage and Transit) C3 - Severe Cold	Pass
Low Temperature-Operation	72 hours constant temperature exposure -29°C (-20°F)	Method 502.7, Procedure II	Pass
Temperature Shock	Multi-cycle shocks from constant extreme temperature: -51.1°C~71°C (-60°~160°F), temperature shock non-operating, three cycles	Method 503.7, Procedure I-C	Pass
Blowing Rain	Blowing Rain - 5.8 in/hr rain, 70 mph wind, 30 minutes per surface	Method 506.6, Procedure I	Pass
Humidity- Aggravated	Ten 24-hour temperature cycles between 30°C and 60°C with relative humidity maintained at 95% RH non-operating mode	Method 507.6, Procedure II Aggravated	Pass
Salt Fog	24 hours of salt fog soaking followed by a 24 hour drying period. Repeated for a total of two cycles	Method 509.7	Pass
Sand and Dust: Blowing Dust	Dust resistance using Silica flour with 6 hours at 23°C and an additional 6 hours at 63°C	Method 510.7 Procedure I	Pass
Vibration- General Vibration	Under Fig 514.8 C-6 composite wheeled vehicle vibration exposure for operating	Method 514.8, Procedure I, Category 4	Pass
Vibration- General Vibration	Under Fig 514.8 E-1 General min. integrity exposure for non-operating	Method 514.8, E-1, Procedure I Category 24	Pass
Shock- Functional Shock	40g, 11ms, Terminal Sawtooth, operating	Method 516.8, Procedure I	Pass
Shock: Transit Drop	26 total drops from 72 in height, free drop onto 2 in of plywood while operating	Method 516.8, Procedure IV	Pass
Freeze / Thaw	Rapid temperature change for 3 cycles Test effects include condensation	Method 524.1, Procedure III	Pass

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