CERTIFICATE OF COMPLIANCE
Certification Number: ESL106728B-C810H Rev. 1

Company: Getac Inc.

Equipment Tested: Getac UX10 Rugged Tablet Computer

Test Standard: MIL-STD-810H

Testing Completed: 06/25/2020

Details: This is to certify that the following environmental tests have been performed on the **Getac UX10 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 MET Laboratories Inc. test report, ESL106728B-MIL.

Johnnie Evans
Manager, Environmental Laboratory
Eurofins MET Laboratories Inc.

June 26 2020
Date

James Ducey
Project Engineer, Environmental Laboratory
Eurofins MET Laboratories Inc.

June 26, 2020
Date

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The table below is to show that the following environmental testing was performed on the **Getac UX10 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: 50,000ft with altitude change rate 2,000 ft/min.	Method 500.6 Procedure I	Pass[1]
Low Pressure (Altitude)- Operation/Air Carriage	Operating: 50,000ft with attitude change rate 2,000 ft/ min	Method 500.6 Procedures II	Pass[1]
High Temperature-Storage	Seven 24 hour cycles of 33 ~ 71˚ C (91-160° F) (Non-operating)	Method 501.7 Procedures I Induced A1 Hot dry	Pass[1]
High Temperature-Operation	72 hours constant temperature exposure 63˚ C (145° F) (Operating)	Method 501.7 Procedures II	Pass[1]
High Temperature – Tactical-Stand by to Operational	High storage (non-operating) to high operating (test for operation)	Method 501.7 procedure III	Pass[1]
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[1]
Low Temperature-Operation	72 hours constant temperature exposure -29˚C (-20° F) / -31.7 ˚C (-25° F) -29 ˚C (-20° F) operating on battery mode -31.7 ˚C (-25° F) operating on AC mode	Method 502.7 Procedures II	Pass[1]
Temperature Shock	Multi-cycle shocks from constant extreme temperature: -51.1°C~93.3°C (-60° F~200° F), temperature shock non-operating, three cycles	Method 503.7 Procedure I -C	Pass[1]
Contamination by Fluids	Testing performed on an entire device	Method 504.3	Pass
Solar Radiation	Cyclic heat, 7 days	Method 505.7 Procedure I	Pass[1]
Blowing rain - Operation	Blowing rain- 5.8in/hr rain, 70mph wind, 30 minutes per surface	Method 506.6 Procedure I	Pass[1]
Rain Drip	Rain Drip, 15 minute exposure (280L/m2/hr)	Method 506.6 procedure III	Pass[1]
Humidity	Cycle B3 for normal test duration of Natural Cycle (15 days) and Induced cycles (15 days)	Method 507.6 Procedure I	Pass[1]
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	Pass[1]
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[1]
Sand and Dust: Blowing Dust	Dust resistance using silica flour with 6 hours at 23℃ and an additional 6 hours at 63℃	Method 510.7 Procedure I	Pass[1]
Sand and dust: Blowing sand	Blowing sand with a Sand concentration of 2.2+-0.5g/m^3 at 63℃	Method 510.7 procedure II	Pass
Explosive Atmosphere	Operating for altitude 20,000 ft and temperature of 63° C (145 °F)	Method 511.7 procedure I	Pass[1]
Vibration- General Vibration	Under fig 514.8 E-1 General min. integrity exposure for non-operating	Method 514.8 Procedure I Category 24	Pass[1]
Vibration- General vibration	Category 4, Typical mission/field transportation scenario, common carrier Figure 514.8C-2, 2hr/ axis (Transportation)	Method 514.8, Procedure I, Category 4	Pass
Vibration- General vibration	Category 20, Ground vehicles - Ground mobile, composite wheeled vehicles, Figure 514.8C-6, 2hr/ axis (Transportation)	Method 514.8 Procedure I Category 20	Pass[1]
Vibration- General Vibration	Category 5, Loose cargo (Transportation)	Method 514.8, Procedure II	Pass[1]
Shock- Functional Shock	40g, 11ms , Terminal Saw tooth, Operating	Method 516.8 Procedure I	Pass[1]

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Test	Procedure Specification	MIL-STD-810H Reference	Pass/Fail
Shock- Functional shock	Peak Acceleration of 75g's, Effective Shock Duration of 8-13ms, and Cross-Over Frequency of 80Hz	Method 516.8 procedure I	Pass[1]
Shock: Transit Drop	26 total drops from 48 in height, free drop onto 2 in of plywood while operating Using the same tablet to test 60 and 72 inch drop test	Method 516.8 Procedure IV	Pass[1]
Shock: Transit drop	26 total drops from 60 in height, free drop onto 2 in of plywood while operating Use the same tablet to test 48 and 72 inch drop test	Method 516.8 procedure IV	Pass[1]
Shock: Transit drop	26 total drops from 72 in height, free drop onto 2 in of plywood while operating. Use the same tablet to test 48, 60, and 72 inch drop test	Method 516.8 procedure IV	Pass[1]
Shock: Bench Handling	4 drops on solid wooden bench top in operating mode	Method 516.8 procedure VI	Pass[1]
Freeze / Thaw	Rapid Temperature change for 3 cycles	Method 524.1 Procedure III	Pass[1]

Note 1: Originally tested under MET JOB # ESL103931A-C810G

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