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HEADQUARTERS: 914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230 • PHONE (410) 354-3300 • FAX (410) 354-3313

CERTIFICATE OF COMPLIANCE
Certification Number : ESL103931A-C810G

Company: Getac Inc.

Equipment Tested: Getac UX10 Rugged Tablet Computer

Test Standard: MIL-STD-810G w/ Change 1

Testing Completed: 05/22/19 – 08/08/19

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 Procedure of **MIL-STD-810G 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 17025:2005.

For further test details please reference the Eurofins Met Labs test report, ESL103931A-MIL.

Johnnie Evans
Manager, Environmental Laboratory
MET Laboratories, Inc.

08/08/19
Date

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CERTIFICATE OF COMPLIANCE: Certification Number: ESL103931A-C810G

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-810G w/ Change 1 below;

Test	Procedure Specification	MIL-STD-810G, w/ Change 1 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
Low pressure (altitude) - operation/air carriage	Operating: 50,000ft 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 501.6 Procedure I Induced A1 Hot Dry	Pass
High temperature-operation	72 hours constant temperature exposure 63°C (145°F) (Operating)	Method 501.6 Procedure II	Pass
High temperature-tactical standby to operational	High storage (non-operating) to high operating (test for operation)	Method 501.6 Procedure III	Pass
Low temperature-storage	72 hours constant temperature exposure -51.1°C (-60° F)	Method 502.6 Procedure I induced (storage and transit) C3 - Severe Cold	Pass
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 502.6 Procedure II	Pass
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 503.6 Procedure I -C	Pass
Contamination by fluids	24 fluids	Method 504.2 Procedure II	Pass
Solar radiation	Cyclic heat, 7 days	Method 505.6 Procedure I	Pass
Blowing rain - operation	Blowing Rain- 5.8in/hr rain, 70mph wind, 30 minutes per surface	Method 506.6 Procedure I	Pass
Rain drip	Rain Drip, 15 minute exposure (280L/m2/hr)	Method 506.6 Procedure III	Pass
Humidity	Cycle B3 for normal test duration of Natural Cycle (15 days) and Induced cycles (15 days)	Method 507.6 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	Pass
Salt fog	24 hours of salt fog soaking followed by a 24 hour drying period. Repeated for a total of two cycles	Method 509.6	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 510.6 Procedure I	Pass
Sand and dust: blowing sand	Blowing sand with a Sand concentration of 2.2+-0.5g/m^3 at 63C	Method 510.6 Procedure II	Pass
Explosive atmosphere	Operating for altitude 20,000 ft and temperature of 63°C (145°F)	Method 511.6 Procedure I	Pass
Vibration- general vibration	Under Fig 514.7 E-1 General min. integrity exposure for non-operating	Method 514.7 Procedure I Category 24	Pass
Vibration- general vibration	Category 4, Typical mission/field transportation scenario, common carrier Figure 514.7C-2, 2hr/ axis (Transportation)	Method 514.7 Procedure I Category 4	Pass

Test	Procedure Specification	MIL-STD-810G, w/ Change 1 Reference	Pass/Fail
Vibration- general vibration	Category 20, Ground vehicles - Ground mobile, composite wheeled vehicles, Figure 514.7C-4, 2hr/ axis (Transportation)	Method 514.7 Procedure I Category 20	Pass
Vibration- general vibration	Category 5, Loose Cargo (Transportation)	Method 514.7 Procedure II	Pass
Shock- functional shock	40g, 11ms , Terminal Saw tooth, Operating	Method 516.7 Procedure I	Pass
Shock- functional shock	Peak Acceleration of 75g's, Effective Shock Duration of 8-13ms, and Cross-Over Frequency of 80Hz	Method 516.7 Procedure I	Pass
Shock: transit drop	26 total drops from 48 in height, free drop onto 2 in of plywood while operating Use the same tablet to test 48 and 60 inch drop test	Method 516.7 Procedure IV	Pass
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 60 inch drop test	Method 516.7 Procedure IV	Pass
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 516.7 Procedure IV	Pass
Shock: bench handling	4 drops on solid wooden bench top in operating mode	Method 516.7 Procedure VI	Pass
Freeze / thaw	Rapid Temperature Change for 3 cycles	Method 524.1 Procedure III	Pass