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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 : ESL109711-C810H Rev. 3

Company: Getac Inc.

Equipment Tested: Getac S410 Notebook

Test Standard: MIL-STD-810H

Testing Completed: 10/21/2020 – 01/19/2021

Details: This is to certify that the following environmental tests have been performed on the **Getac S410 Notebook** and found to be in compliance with the requirements and Procedure 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 Labs test report, ESL109711-MIL.

Johnnie Evans
Manager, Environmental Laboratory
MET Laboratories, Inc.

02/15/2021
Date

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CERTIFICATE OF COMPLIANCE: Certification Number: ESL109711-C810H Rev. 3

The table below is to show that the following environmental testing was performed on the **Getac S410 Notebook** 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: 40,000ft (18.8kPa) with attitude change rate 2,000 ft/ min.	Method 500.6 Procedure I	Pass
Low Pressure (Altitude) - Operation/Air Carriage	Operating: 40,000ft (18.8kPa) with attitude 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	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° 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) operating	Method 502.7 Procedure II	Pass
Temperature Shock	Multi-cycle shocks from constant extreme temperature: 71°C (160°F)~ -51°C(-60°F), temperature shock non-operating, 3 cycles (low to high= 1 cycle) total 6 hours	Method 503.7 Procedure I-C	Pass
Humidity- Aggravated Non-Operational	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
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
Sand and dust: Blowing sand	Blowing sand temperature of 63°C. Sand concentration of 2.2+-0.5g/m^3	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
Vibration- General vibration	Under Fig 514.8 E-1 General min. integrity exposure for non-operating	Method 514.8 Procedure I Category 24	Pass
Vibration- General vibration	Under Fig 514.8 C-2 common carrier for operating, 2hr/axis	Method 514.8 C-2 Procedure I Category 4	Pass
Vibration- General vibration	Under Fig 514.8 C-6 for operating	Method 514.8 C-6 Procedure I Category 4	Pass
Vibration- Loose cargo	Category 5, 2.54cm (1 inch) diameter orbital path at 5Hz	Method 514.8, Procedure II, Category 5	Pass

Test	Procedure Specification	MIL-STD-810H Reference	Pass/Fail
Shock- Functional shock	40g, 11ms , Terminal Saw tooth, Operating	Method 516.8 procedure I	Pass
Shock- Functional shock	40g, 11ms , Terminal Saw tooth, non-operating	Method 516.8 procedure I	Pass
Shock: Transportation shock	On-road and Off-road shocks from 5.1g, 11ms to 15.2g, 5ms (Table 516.8-VII)	Method 516.8 procedure II	Pass
Shock: Transit drop	All drops performed on one unit. 26 total drops from 36 in height, free drop onto 2in of plywood	Method 516.8 procedure IV	Pass
Shock: Crash Hazard Shock Test	2 shocks in each axis/direction Ground and Flight Equipment	Method 516.8 procedure V	Pass
Shock: Bench Handling	4" rotational edge drops onto all faces; 4x onto top and bottom, 1x onto other faces.	Method 516.8 procedure VI	Pass
Freeze / Thaw	Rapid temperature change for 3 cycles	Method 524.1 procedure III	Pass