

CERTIFICATE OF COMPLIANCE
Certification Number : ESL105805-C810H

Company: Getac Inc.
Equipment Tested: Getac S410 Notebook
Test Standard: MIL-STD-810H
Testing Completed: Jan 2016 / Jun 2019

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 17025:2005.

For further test details please reference the Eurofins Met Labs test report, ESL105805-MIL.



Johnnie Evans
Manager, Environmental Laboratory
MET Laboratories, Inc.

10/29/19
Date

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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 altitude change rate 2,000 ft/min.	Method 500.6 Procedure I	Pass ¹
Low Pressure (Altitude)- Operation/Air Carriage	Operating: 15,000ft (57.2kPa) with altitude change rate 2,000 ft/ min	Method 500.6 Procedure II	Pass ¹
High Temperature-Storage	Seven 24 hour cycles of 33 ~ 71°C (91-160° F) (Non-operating)	Method 501.7 Procedures I	Pass ¹
High Temperature-Operation	72 hours constant temperature exposure 63°C (145° F) (Operating)	Method 501.7 Procedure II	Pass ²
High Temperature – High Temperature Tactical-Standby to Operational	High storage (Non-operating) to high operating (test for operation)	Method 501.7 Procedure III	Pass ²
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 ¹
Low Temperature-Operation	72 hours constant temperature exposure -29°C (-20° F) operating on battery mode	Method 502.7 Procedure II	Pass ²
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 ¹
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	Pass ¹
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 ²
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 ²
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	Under Fig 514.8 C-2 common carrier for operating, 2hr/axis	Method 514.8 C-2 Procedure I Category 4	Pass ¹
Vibration- General Vibration	Under Fig 514.8 C-6 for operating	Method 514.8 C-6 Procedure I Category 4	Pass ²
Shock- Functional Shock	40g, 11ms, Terminal Saw tooth, Operating	Method 516.8 Procedure I	Pass ¹
Shock- Functional Shock	40g, 11ms, Terminal Saw tooth, Non-Operating	Method 516.8 Procedure I	Pass ¹
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 ¹
Freeze / Thaw	Rapid Temperature change for 3 cycles	Method 524.1 Procedure III	Pass ¹

Note : Originally tested under MET JOB # ¹ESL88298A-C810G
Originally tested under MET JOB # ²ESL103931B-C810G

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