



CERTIFICATE OF COMPLIANCE

Certification Number. 04029-1


Company: GETAC Inc.
20762 Linear Lane
Lake Forest, CA. 92630, USA

Equipment Tested: GETAC V100 Rugged Notebook Computer

Testing Completed: September 28, 2009


Noted: This is to certify that the following environmental tests have been performed on **GETAC V100 Rugged Notebook Computers** in compliance with the requirement of **MIL-STD-810G** listed below in the summary table. No evidence of functional failure was observed. All test equipment has been calibrated in accordance with ANSI/NCSL Z540-1-1994 with standards traceable to NIST.

Certificate Written by:



Michael Spaulding
Test Engineer
DNB Engineering Inc.

SEPT. 28, 2009
Date



Michael Neis
Quality Assurance
DNB Engineering Inc.



Sept. 28, 2009
Date

Family owned and operated since 1979



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Test	Procedure Specification	MIL-STD-810G Reference	Pass/Fail*
Low Pressure (Altitude)-Storage/Air Transport	Non- operating: 40,000ft (18.8kPa) with attitude change rate 2,000 ft / min.	Method 500.5 Procedure I **	Pass
Low Pressure (Altitude)-Operation /Air Carriage	Operating: 15,000ft (57.2kPa) with attitude change rate 2,000 ft / min.	Method 500.5 Procedure II **	Pass
High temperature-Storage	Non-Operating temperature 33°C ~ 71°C.	Method 501.5 Procedure I **	Pass
High temperature-Operation	Operating temperature 60°C.	Method 501.5 Procedure II **	Pass
High temperature: Tactical-Standby to Operational	High storage (non-operating) to high operating (test for operation) Test results are for battery operation	Method 501.5 Procedure III	Pass
Low temperature-Storage	Non-Operating temperature -51°C.	Method 502.5 Procedure I	Pass
Low temperature-Operation	Operating temperature -20°C.	Method 502.5 Procedure II **	Pass
Temperature shock	Multi-cycle shocks from constant extreme temperature: 71°C ~ -51°C temperature, thermal shock non-operating 3 cycles.	Method 503.5 Procedure I-C	Pass
Rain-Drip	15 minutes of exposure to dripping water (280 L / m ² / hr)	Method 506.5 Procedure III **	Pass
Humidity-Aggravated	Temperature cycled between 30°C and 60°C with relative humidity maintained at 95% RH non-operating mode.	Method 507.5 Procedure II	Pass
Sand and Dust: Blowing dust	Dust resistance using Silica flour with 6 hours blowing dust.	Method 510.5 Procedure I **	Pass
Sand and Dust: Blowing sand	Blowing Sand for Operating Temperature of 60°C.	Method 510.5 Procedure II	Pass
Vibration-General vibration	Under Fig 514.6 E-1 General min. integrity exposure for non-operating.	Method 514.6 Procedure I, Category24 **	Pass
Vibration-General vibration	Under Fig 514.6 C1 Common carrier for operating	Method 514.6 Procedure I, Category4 **	Pass
Shock-Functional shock	Operating for 40g, 11ms. Sawtooth waveform.	Method 516.6 Procedure I **	Pass
Shock- Transit drop	26 total drops from 1 meter height(100 cm), free drop onto 2in of plywood. Test in Laptop mode(26 drops) and Tablet mode (26 drops)	Method 516.6 Procedure IV **	Pass
Shock-Transit drop	Total of 78 continuous drops from 48in to 72in. 26 drops from 48in height, followed by 26 drops from 60in height, and continued with 26drops from 72in height, free drop onto 2in of plywood.	Method 516.6 Procedure IV	Pass
Freeze/Thaw	Rapid Temperature Change for 3 cycles Test effects include condensation.	Method 524 Procedure III	Pass

*Pass/Fail status was determined by DNB Engineering test Engineer bases on the criterion that the computer booted Windows © successfully. No evidence of damage and functional failure were observed. All test equipment has been calibrated in accordance with ANSI/NCSS Z540-1-1994 with standards traceable to NIST

** Testing was previously conducted to MIL-STD-810F and deemed equivalent to MIL-STD-810G

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