



# CERTIFICATE OF COMPLIANCE

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## Certification Number. 04029-3

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


**Equipment Tested:** GETAC E-Series Rugged Notebook Computer

**Testing Completed:** May 28, 2008


**Noted:** This is to certify that the following environmental tests have been performed on **GETAC E-Series 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/NC SL Z540-1-1994 with standards traceable to NIST.

**Certificate Written by:**

  
\_\_\_\_\_  
Michael Spaulding  
Test Engineer  
DNB Engineering Inc.

MAY 28, 2008  
Date

  
\_\_\_\_\_  
Michael Neis  
Quality Assurance  
DNB Engineering Inc.



May 28, 2008  
Date

*Family owned and operated since 1979*



## CERTIFICATE OF COMPLIANCE

### Certification Number. 04029-3

This is to certify that the following environmental tests have been performed on **GETAC E-Series Rugged Notebook Computers** in compliance with the requirement of **MIL-STD-810G** listed below.

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 37°C ~ 75°C.	Method 501.5 Procedure I **	Pass
High temperature-Operation	Operating temperature 60°C.	Method 501.5 Procedure II **	Pass
Low temperature-Storage	Non-Operating temperature -40°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: 60°C ~ -20°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 <sup>2</sup> / hr)	Method 506.5 Procedure III **	Pass
Sand and Dust: Blowing dust	Dust resistance using Silica flour with 6 hours at 23° C and an additional 6 hours at 60° C.	Method 510.5 Procedure I **	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 20g, 11ms. Sawtooth waveform.	Method 516.6 Procedure I **	Pass
Shock-Functional shock	Non-Operating for 40g, 11ms. Sawtooth waveform.	Method 516.6 Procedure I **	Pass
Shock-Functional shock	Non-Operating for 75g, 11ms. Sawtooth waveform.	Method 516.6 Procedure I **	Pass
Shock- Transit drop	26 total drops from 36in height, free drop onto 2in of plywood.	Method 516.6 Procedure IV **	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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