

RockAIR Compliance Table

NOMENCLATURE: RockAIR

TYPE/MODEL/PART NO: RockAIR TSO NUMBER: N/A

MANUFACTURER'S SPECIFICATION AND/OR OTHER APPLICABLE SPECIFICATION:

MANUFACTURER: Rock Seven

ADDRESS: Rock Seven, Unit 2, Eastlands Boatyard, Coal Park Lane,
Swanwick, Southampton, SO31 7GW, United Kingdom

REVISION & CHANGE NUMBER OF DO-160: RTCA DO-160G DATE TESTED: 06/08/2017

Conditions	Section	Description
Temperature and Altitude	4.0	Equipment Tested to Category B2
Low Temperature	4.5.1 4.5.2	Low Temperature Ground Survivability -55°C Low Temperature Operation -45°C
High Temperature In-Flight Loss of Cooling	4.5.3 4.5.4	High Temperature Ground Survivability +85°C High Temperature Operation +70°
Altitude Decompression Overpressure	4.6.1 4.6.2 4.6.3	Maximum Test Altitude 25,000 ft
Temperature Variation	5.0	Category X
Humidity	6.0	Category X
Operational Shock and Crash Safety	7.0	Equipment Tested to 7.1.1 Category E Equipment Tested to 7.3.3 Helicopter and All fixed Wing Type 5, Category F
Vibration	8.0	Equipment Tested to 8.8.1 Helicopter Category R, Zone 2, Curve G
Explosive Atmosphere	9.0	Category X
Waterproofness	10.0	Category X
Fluids Susceptibility	11.0	Category X
Sand and Dust	12.0	Category X
Fungus	13.0	Category X
Salt Fog Test	14.0	Category X
Magnetic Effect	15.0	Equipment Tested to Category Z
Power Input	16.0	Category X

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Conditions	Section	Description
Voltage Spike	17.0	Equipment Tested to Category B
Audio Frequency Susceptibility	18.0	Category X
Induced Signal Susceptibility	19.0	Category X
Radio Frequency Susceptibility	20.0	Category X
Radio Frequency Emission	21.0	Equipment Tested to Category M
Lightning Induced Transient Susceptibility	22.0	Category X
Lightning Direct Effects	23.0	Category X
Icing	24.0	Category X
Electrostatic Discharge	25.0	Category X
Fire, Flammability	26.0	Equipment Tested to Category C
Other Tests		

Remarks

- Tests were conducted at D.L.S. Electronic Systems, Inc.
- Connection via USB is not recommended for use in aircraft operations requiring DO160G compliance.