

## Summary of Tests Performed on the Panasonic FZ-G1 Tablet Computer

Test Description	Test Parameters	Test Results
Altitude: Storage/Air Transport	MIL-STD-810G, Method 500.5, Procedure I <ul style="list-style-type: none"> <li>40,000ft Non-Operating</li> </ul>	Pass
Altitude: Operation/Air Carriage	MIL-STD-810G, Method 500.5, Procedure II <ul style="list-style-type: none"> <li>40,000ft Operating</li> </ul>	Pass
High Temperature: Storage	MIL-STD-810G, Method 501.5, Procedure I <ul style="list-style-type: none"> <li>160°F Non-Operating</li> </ul>	Pass
High Temperature: Operation	MIL-STD-810G, Method 501.5, Procedure II <ul style="list-style-type: none"> <li>140°F Operating</li> </ul>	Pass
High Temperature: Tactical-Standby to Operational	MIL-STD-810G, Method 501.5, Procedure III <ul style="list-style-type: none"> <li>High storage (non-operating) to high operating (test for operation)</li> <li>Test results are for AC power operation</li> </ul>	Pass
Low Temperature: Storage	MIL-STD-810G, Method 502.5, Procedure I <ul style="list-style-type: none"> <li>-60°F Non-Operating</li> </ul>	Pass
Low Temperature: Operation	MIL-STD-810G, Method 502.5, Procedure II <ul style="list-style-type: none"> <li>-20°F Operating</li> </ul>	Pass
Temperature Shock	MIL-STD-810G, Method 503.5, Procedure I <ul style="list-style-type: none"> <li>From 200°F to -60°F, three cycles</li> </ul>	Pass
Rain: Blowing	MIL-STD-810G, Method 506.5, Procedure I <ul style="list-style-type: none"> <li>5.8in/hr rain, 70mph wind, 30 minutes per surface</li> <li>Unit operating</li> </ul>	Pass
Rain: Drip	MIL-STD-810G, Method 506.5, Procedure III <ul style="list-style-type: none"> <li>15 minute exposure, drip test</li> </ul>	Pass
Humidity	MIL-STD-810G, Method 507.5, Procedure II (Aggravated) <ul style="list-style-type: none"> <li>Temp. cycles 86°F to 140°F; 95%RH</li> </ul>	Pass
Sand and Dust: Dust	MIL-STD-810G, Method 510.5, Procedure I <ul style="list-style-type: none"> <li>Blowing Dust (operating)</li> <li>Operating temperature of 160°F</li> </ul>	Pass
Sand and Dust: Sand	MIL-STD-810G, Method 510.5, Procedure II <ul style="list-style-type: none"> <li>Blowing Sand (operating)</li> <li>Operating temperature of 160°F</li> </ul>	Pass
Explosive Atmosphere	MIL-STD-810G, Method 511.5, Procedure I	Pass
Vibration: General Vibration – operating	MIL-STD-810G, Method 514.6, Procedure I (Transportation) <ul style="list-style-type: none"> <li>Panasonic provided conditions (operating)</li> </ul>	Pass
Vibration: General Vibration – non-operating	MIL-STD-810G, Method 514.6, Procedure I (Transportation) <ul style="list-style-type: none"> <li>Category 24, general minimal integrity (non-operating)</li> </ul>	Pass
Vibration: General Vibration – operating	MIL-STD-810G, Method 514.6, Procedure I (Transportation) <ul style="list-style-type: none"> <li>Category 24, helicopter minimal integrity (operating), 2 hours per axis</li> </ul>	Pass
Vibration: General Vibration – non-operating	MIL-STD-810G, Method 514.6, Procedure I (Transportation) <ul style="list-style-type: none"> <li>Category 24, helicopter minimal integrity (non-operating), 1 hour per axis</li> </ul>	Pass
Shock: Functional	MIL-STD-810G, Method 516.6, Procedure I <ul style="list-style-type: none"> <li>40g, 11ms Operating</li> </ul>	Pass

Test Description	Test Parameters	Test Results
Shock: Transit-Drop 48-inch	MIL-STD-810G, Method 516.6, Procedure IV <ul style="list-style-type: none"> <li>• 26 drops – 48in height on to 2in plywood – non operating</li> <li>• All drops performed on the same unit</li> <li>• All drop heights performed on the same unit</li> </ul>	Pass
Shock: Transit-Drop 60-inch	MIL-STD-810G, Method 516.6, Procedure IV <ul style="list-style-type: none"> <li>• 26 drops – 60in height on to 2in plywood – non operating</li> <li>• All drops performed on the same unit</li> <li>• All drop heights performed on the same unit</li> </ul>	Pass
Shock: Transit-Drop 72-inch	MIL-STD-810G, Method 516.6, Procedure IV <ul style="list-style-type: none"> <li>• 26 drops – 72in height on to 2in plywood – non operating</li> <li>• All drops performed on the same unit</li> <li>• All drop heights performed on the same unit</li> </ul>	Pass
Freeze / Thaw	MIL-STD-810G, Method 524, Procedure III (Rapid Temperature Change) <ul style="list-style-type: none"> <li>• Test effects include condensation</li> </ul>	Pass