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- First Article Inspections
- Life Cycle and Durability Testing
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- Dynamics and Vibration Testing
- EMI, EMC and Electrical Testing
- Structural and Fatigue Testing
- Alternate Source Qualification Testing
- Instrumentation and Data Acquisition
- Lightning Testing

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* Accredited Test Lab
767.01, 767.02, 767.03

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* NVLAP LAB CODE
200422-0

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AIRBORNE SYSTEMS MILITARY & COMMERCIAL

| MILITARY REQUIREMENT | TEST DESCRIPTION | COMMERCIAL REQUIREMENT |
|----------------------|--|---|
| MIL-STD-810 | Acceleration | |
| MIL-STD-810 | Altitude | RTCA/DO-160 |
| Design Requirement | Arrested Landing Simulation | |
| MIL-STD-461/462/704 | Electrical Power/Power Inputs | RTCA/DO-160 |
| Design Requirement | Emergency Ejection Simulation | |
| MIL-STD-461/462 | EMI | RTCA/DO-160 |
| MIL-STD-810 | Explosive Decompression | |
| MIL-STD-810 | Explosive Atmosphere/Explosion Proofness | RTCA/DO-160 |
| | RTCA/DO-160 | RTCA/DO-160 |
| MIL-STD-810 | Fluids Susceptibility | RTCA/DO-160 |
| MIL-STD-810 | Fungus Resistance | RTCA/DO-160 |
| MIL-STD-810 | Humidity | RTCA/DO-160 |
| MIL-STD-1757 | Icing | RTCA/DO-160 |
| | Lightning (multiple burst / multiple stroke) | RTCA/DO-160-Section 22, SAE ARP5412, EUROCAE/ED-14E, FAA AC:20-136, SAE AE4L |
| | Magnetic Effect | RTCA/DO-160 |
| MIL-STD-740 | Noise | |
| MIL-STD-810 | Salt Fog | RTCA/DO-160 |
| MIL-STD-810 | Sand & Dust | RTCA/DO-160 |
| MIL-STD-810 | Shock | RTCA/DO-160 |
| Design Requirement | Structural Testing | |
| MIL-STD-810 | Temperature | RTCA/DO-160 |
| MIL-STD-810 | Vibration | RTCA/DO-160 |
| MIL-STD-810 | Wind & Rain/Waterproofness | RTCA/DO-160 |

Note: The above specifications are the most frequently used. Similar tests can be provided for other specifications or for individual requirements.



A World of Engineering and Testing Under One Roof™

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