



### AVIATION AND MISSILE SYSTEM TESTING

- Electromagnetic Radiation Operational (EMRO)
- Electromagnetic Interference (EMI) MIL-STD-461F
- High Intensity Radiated Fields (HIRF)
- Hazards of Electromagnetic Radiation to Ordnance (HERO)
- Hazards of Electromagnetic Radiation to Personnel (HERP)
- Hazards of Electromagnetic Radiation to Fuel (HERF)
- Electromagnetic Vulnerability (EMV)
- Electromagnetic Compatibility (EMC)
  - Power Quality
  - Source /Victim
  - Noise Floor
  - EEDs
- Electrostatic Discharge (ESD)
  - Helicopter-borne ESD (HESD)
  - Personnel-borne ESD (PESD)
- Lightning Effects
  - Direct Strike
  - Near Strike
- Precipitation Static (P-Static)
- DO-160E (Pin-Injection Lighting, Bulk-Cable Injection)
- MIL-STD-704A-F (Power Quality/Compatibility)
- Emissions Control (EMCON)
- Electromagnetic Pulse (EMP) /Nuclear
- Antenna Pattern Measurements
- Shielding Effectiveness (SE)

### SUPPLEMENTARY SERVICES

- Electromagnetic Engineering Expertise/Support
- Aircraft Ground Station Support
- Telemetry Ground Station Support

### SPECIALIZED CAPABILITIES

- High Fidelity Instrumentation Design, Development and Fabrication
- DoD Unique Live Ordnance Lightning Effects and ESD Testing
- Transportable Lightning Effects and ESD Testing
- Full MIL-STD-464A and ADS-37A-PRF RF Test Levels
- Large Reverberation Chamber
- Counter IED Test and Evaluation
- Joint Preflight Integration of Munitions and Electronic Systems (J-PRIMES) Facility
- Radiation Hazards (RADHAZ) Surveys and Assessments

