

**Statement of Work  
Task Order 0001  
Analysis/Design of Airborne S&T Platforms/Modification  
Dated 03/20/2014**

**1.0 Introduction**

The purpose of this contract is to provide support to the NRL Military Support Division, Code 1400 to accomplish airborne-related S&T requirements.

**2.0 Scope**

The contractor shall support a research project involving multiple antenna and rack installations to conduct an antenna comparison onboard NP-3D aircraft.

**3.0 Task Description**

The contractor shall support the NRL Military Support Division's execution of a research project involving multiple antenna and rack installations by completing the following task:

**3.1** The contractor shall design the following items

- Dual antenna installation in bomb bay equipment pallet(BEP)
- New electronic integration in BEP
- Multiple equipment racks
- Exterior blade antenna installation

**3.2** The contractor shall provide an analysis of the following items:

- Dual antenna installation
- Equipment racks
- Blade antenna installation

**4.0 Deliverables**

- Provide detailed drawing for all parts to be manufactured
- Provide assembly level drawings showing interrelationship of all components and sub assemblies
- Provide all required electrical diagrams, mechanical drawings and analyses, needed to obtain NAVAIR flight clearance release.

All documents for flight clearance must be provided to the Government no later than 26 days after task order award.