



NAWCAD Air Systems Group (ASG)

October 2022

Presented to: Industry Partners

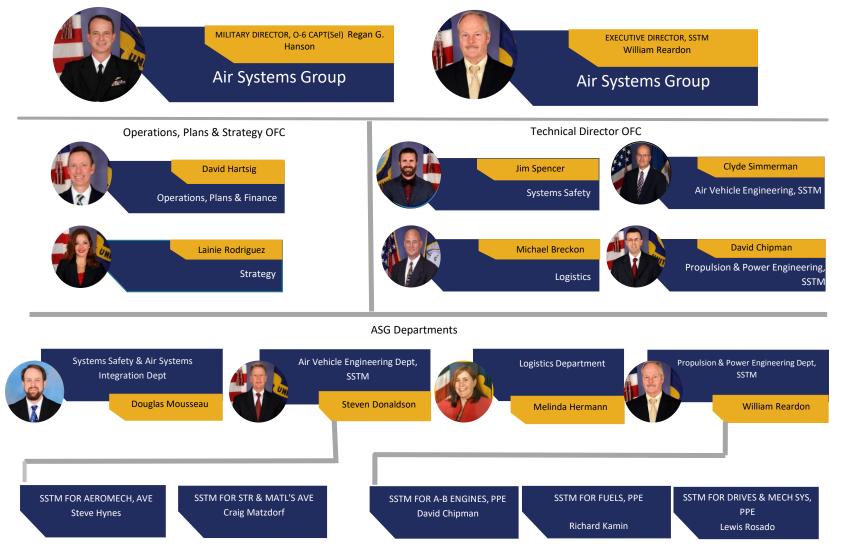
Presented by: ASG Leadership Team





ASG Leadership Team







Top Level Responsibilities



- ASG Technical Authorities:
 - Airframe
 - Air vehicle subsystems
 - Electrical
 - Thermal
 - Hydraulic
 - Landing
 - Aeromechanics and performance
 - Engines
 - Drive systems
 - Materials
 - RDT&E of these systems
 - Logistics support for these systems
- Systems Safety for all NAVAIR technical domains









ASG Areas of Need



Product-based Services

- Air Vehicle, Propulsion, and Power modeling and simulation model-based systems engineering
- Air Vehicle, Propulsion, and Power engineering support
- Systems Safety technical support
- Fuels and lubricants chemical analysis
- Air Vehicle, Propulsion, and Power lab test, evaluation, and maintenance technical support and engineering
- Administrate support

General

- Flexibility and capability to surge across the portfolio
- Quick response to technical needs
- Minimal internal administrative and contract costs



Upcoming Contracting Opportunities



- Propulsion & Power and Air Systems Technical & Engineering Support Services
- Competitive follow-on to N00421-18-C-0010
 - Scope: ASG is the lead activity for research, systems engineering and integration, engineering analysis and evaluation, test and evaluation, air vehicle, logistical, and in-service engineering support of naval aviation. Systems include: air breathing engines and engine integration for manned and unmanned aircraft and missiles; auxiliary power; secondary and emergency power systems; helicopter transmissions and drive systems; aircraft and engine fuel systems; aircraft systems reliability; fuel, oil, and grease for propulsion system engines, gearboxes, propellers, and transmissions; and system performance.

РоР	Notional Value	Projected Acquisition Strategy	Approved Acquisition Strategy	Projected Draft RFP Release	Projected Final RFP Release	Projected Contract Award	PSC/ NAICS	Socio-Economic Set Aside or Designation
5 YRS	< \$50M	SeaPort	9/7/2022	FY23 QTR1	FY23 QTR1	FY23 QTR3	R425/ 541330	Full and Open





Upcoming Contracting Opportunities (cont)



- Propulsion & Power Laboratory Operations and Maintenance Support Services
- Competitive follow-on to N00421-18-C-0016
 - Scope: This Contract will provide engineering, technical, administrative, operation, maintenance, repair, equipment, and laboratory upgrades and improvements, equipment procurement, off-site testing, and calibration services for the Naval Air Warfare Center, ASG, Propulsion and Power Department (AB4), Patuxent River, Maryland. The Contractor will provide assistance to the Government in the Operations and Maintenance of the Propulsion and Power Test Laboratories.

РоР	Notional Value	Projected Acquisition Strategy	Approved Acquisition Strategy	Projected Draft RFP Release	Projected Final RFP Release	Projected Contract Award	PSC/ NAICS	Socio-Economic Set Aside or Designation
5 YRS	\$50M - \$100M	SeaPort	3/15/2022	FY23 QTR1	FY23 QTR1	FY23 QTR2	R425/ 541330	Full and Open

