

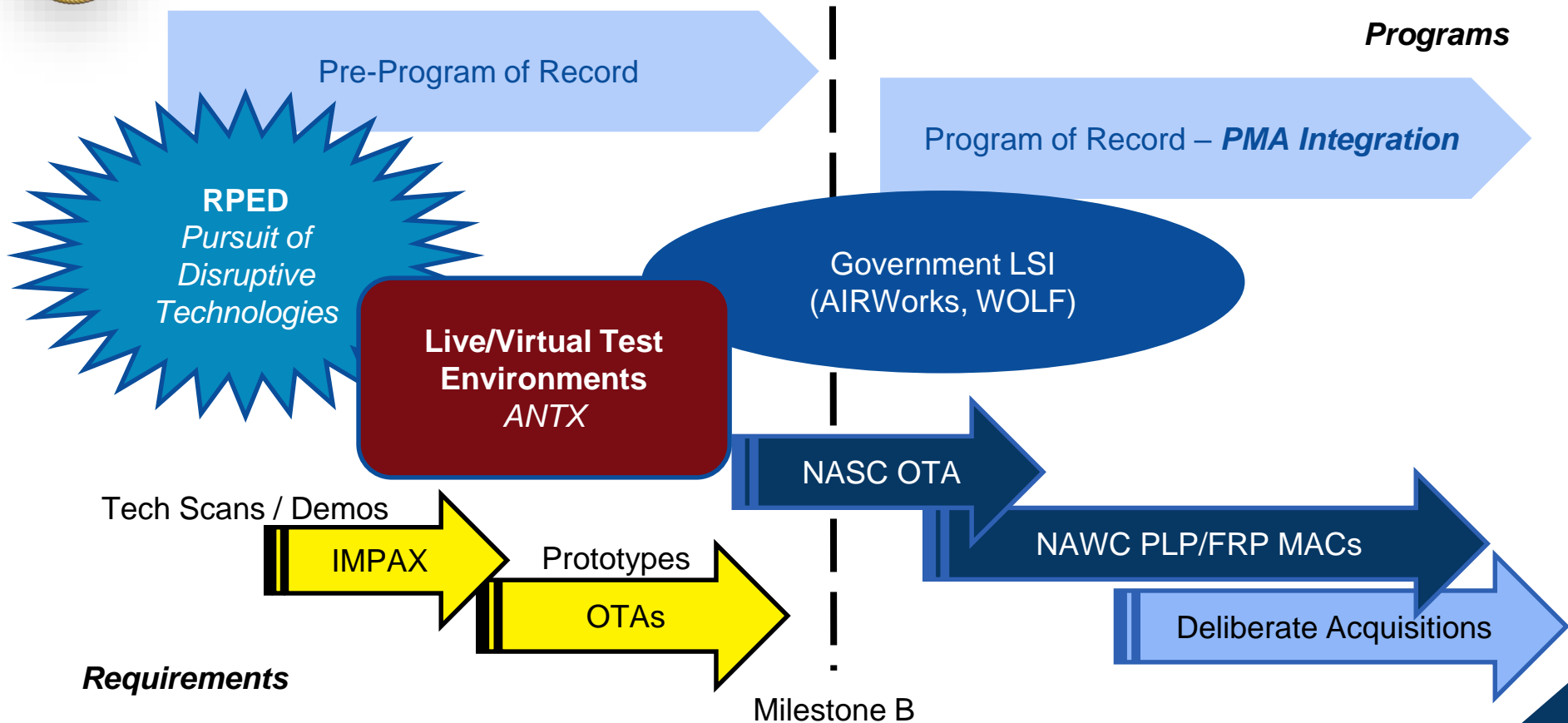


AIRWorks

Mr. Gerald Swift, Director
27 October 2021



Evolution of Project Space in the Warfare Center





NAWCAD Connects Customers with Capability

RDT&E Focused

Mature Technology

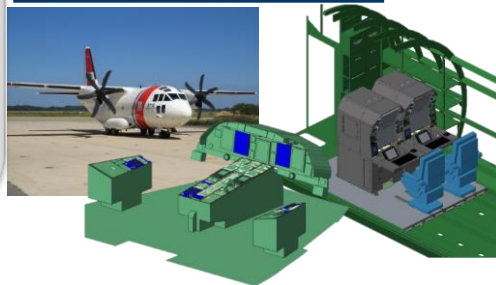
Rapid Capabilities Projects



NAWCAD Enablers:

- Workload Acceptance Process – **Prioritization**
- Mission Integration Cell – **Right Capability Match**
- Board of Directors – **Execution & Performance**

Aircraft Modifications



Technology Investment & Priorities: NISE, CTO

“Milestone B Hand-off”

PMA Deliberate Acquisition Support

Project Management

Rapid Prototyping and Experimentation Director (RPED) Office

AIRWorks Project Office

“from cradle-to-sustainment”

Capabilities

Prototyping Instrumentation and Experimentation (PIE) / Aircraft Prototype Systems Division (APSD)

Rapid Capability Engineering (WOLF)

Development to Fielding Spectrum

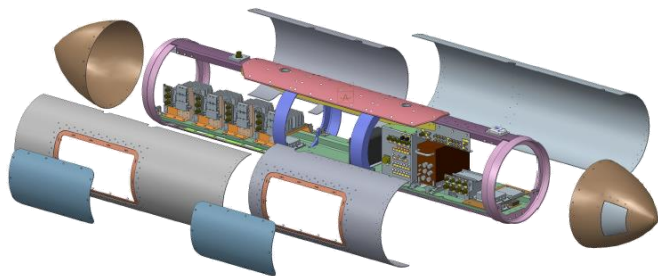
Requirements – Design – Prototype – Modification – T&E/Certification – Fielding – Kitting



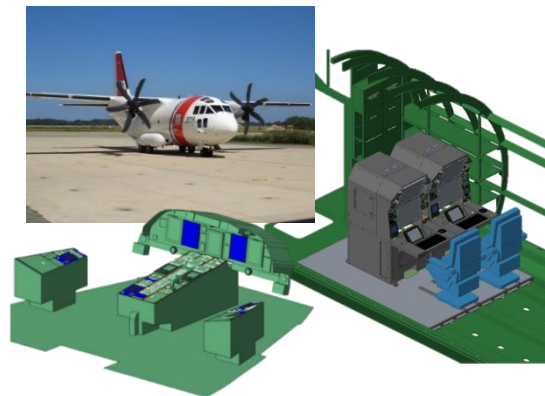
AIRWorks Delivers Products & Services Designed for Expediency

Business Models

Rapid Capabilities Projects



Aircraft Modifications



RDT&E Focused

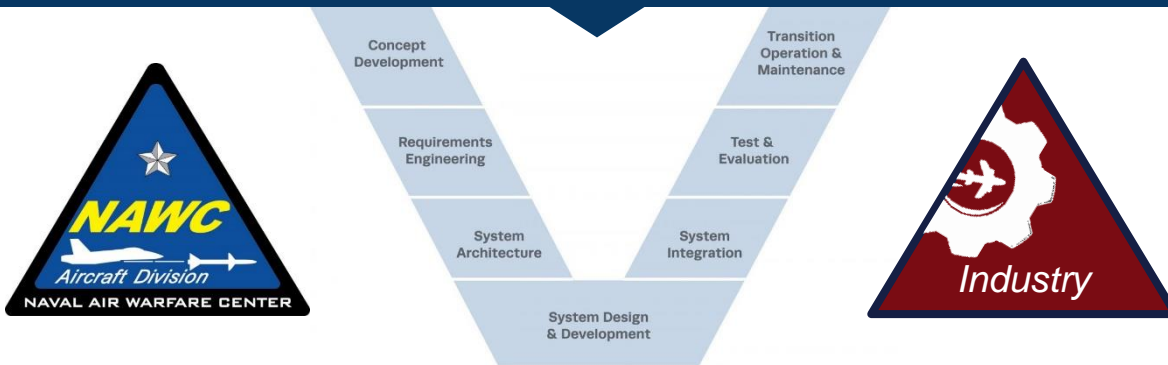
Mature Technology

Both business models product-based and designed for expediency



AIRWorks Generates Collaborative Solutions

NAWCAD & Industry Partner capabilities work together to deliver solutions across the life cycle



Organic LSI Program Management, Systems Engineering, Test & Evaluation, Training, & Sustainment Engineering
through NAWCAD Competencies and our Industry Partners

Perform Aircraft Modification Prototyping and Production
*through NAWCAD Aircraft Prototyping Systems Division (APSD), Rapid Capability Engineering & Integration Dept.,
Manufacturing & Rapid Prototyping Capabilities (Lakehurst), and our Industry Partners*



AIRWorks Facilitates Quick-Turn Contracting

Access to Pre-Awarded MACs with Turnaround Times from 2 – 5 Months

Rapid Experimentation and Demonstration

Contracts:
IMPAX
NASC OTAs

Prototyping and Limited Production

Contracts:
NAWCAD AIRWorks/APSD
Prototyping and Limited
Production MAC

Full Rate Production and Fleet Retrofits

Contracts:
NAWCAD Full Rate
Production MAC



PRE-SET CONTRACTING ENVIRONMENTS

Requirements – Design – Prototype – Modification – T&E/Certification – Fielding – Kitting

AIRWorks Fundamentals

Making an Impact on Innovation, Readiness and Speed to the Fleet by Delivering Fast, Cost Effective, Quality through...

- ✓ *Prototyping & Experimentation*
- ✓ *Low Rate Production*
- ✓ *Full Rate Production*
- ✓ *Organic Gov't Lead Systems Integrator (LSI)*
- ✓ *Innovative approaches to problem solving and meeting requirements*



AIRWorks

delivers fast, cost-effective, quality solutions to meet immediate and emergent warfighter needs

Contact Us

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www.navair.navy.mil/nawcad/whatwedo



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