



PROGRAM EXECUTIVE OFFICER TACTICAL AIRCRAFT PROGRAMS

TECHNOLOGY GOALS

NAVAIR Small Business Aviation Technology Conference

Rear Admiral David J. Venlet

29 November 2006



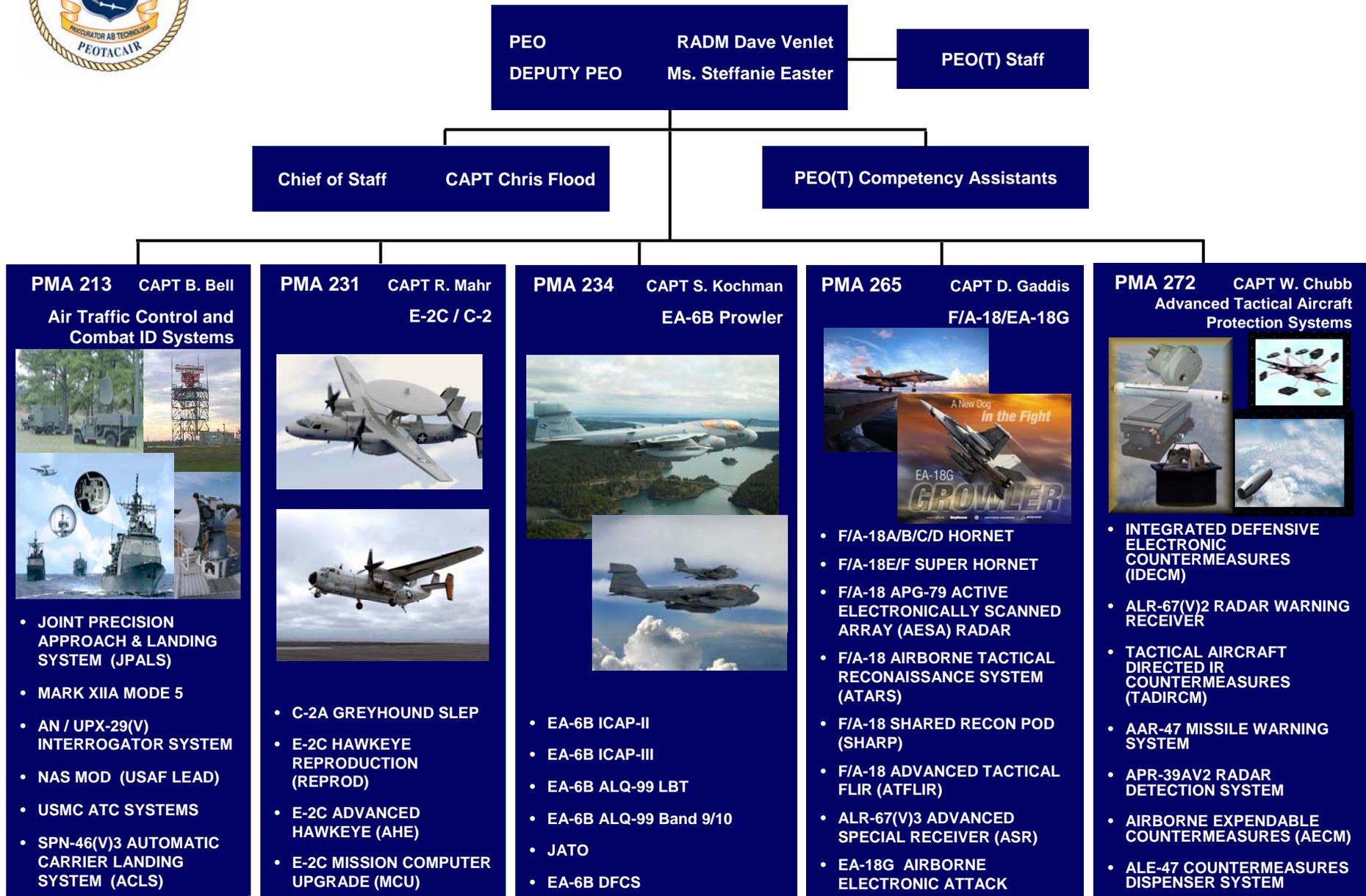


Discussion Outline

- Program Executive Officer, Tactical Aircraft Programs (PEO(T)) Organization
- Advanced Technology Review Board (ATRB) Process
- Goals for Innovative Programs
- Summary

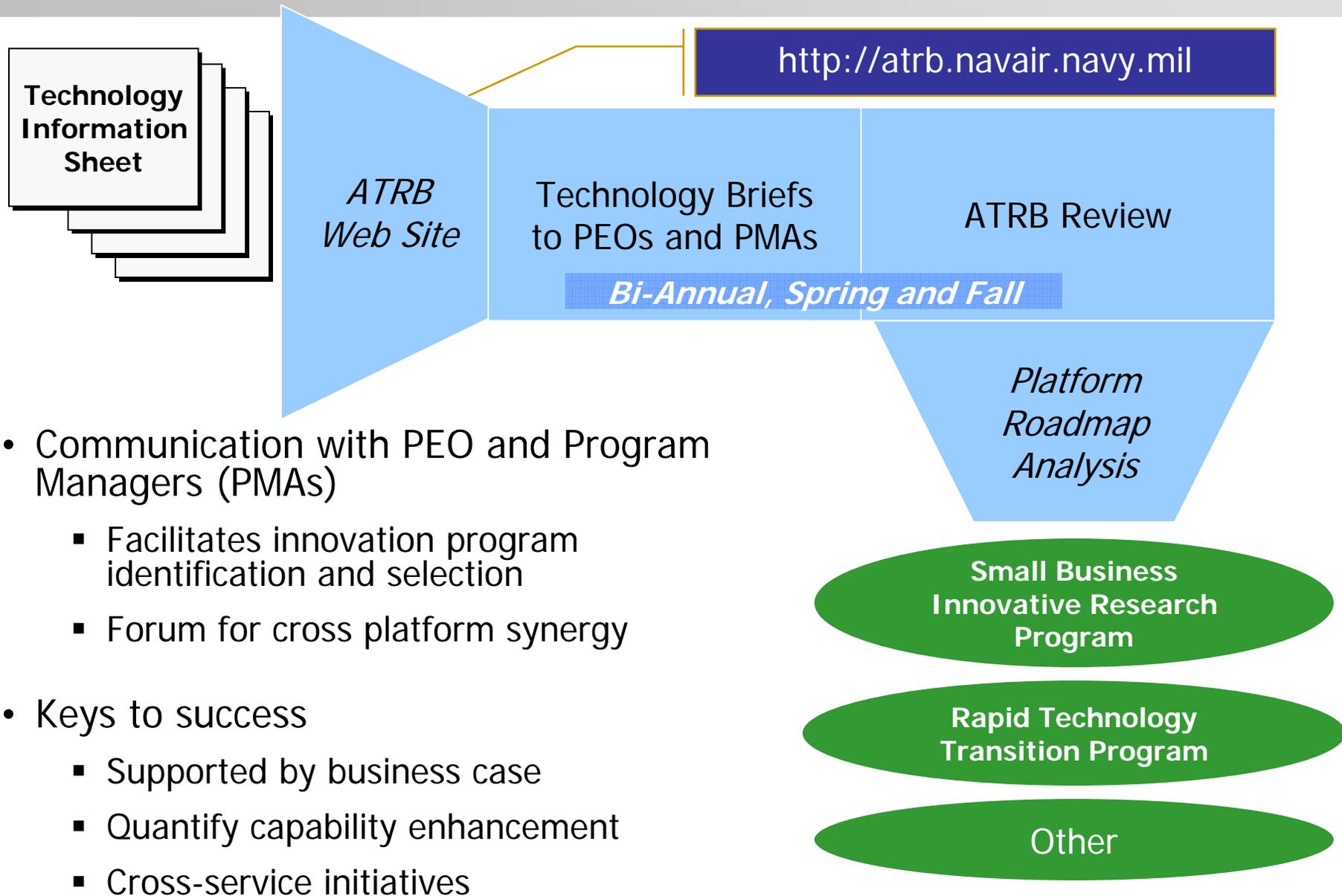


PROGRAM EXECUTIVE OFFICER TACTICAL AIRCRAFT PROGRAMS ORGANIZATIONAL STRUCTURE and PROGRAMS





ATRB Process





Goals for Innovative Programs

Network Centric Warfare



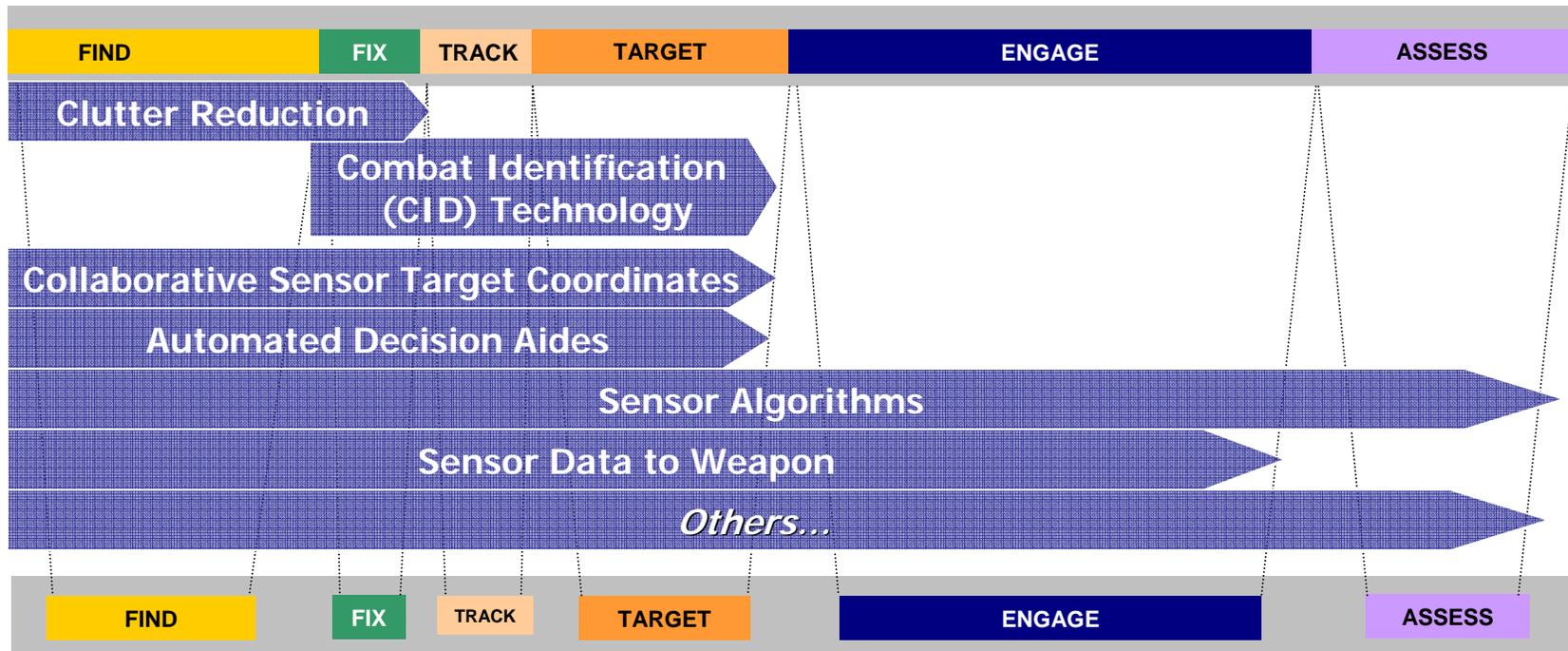
- Communication / Mission Collaboration
 - Air to Air
 - Air to Ship
 - Air to Ground
- Develop / integrate open network solutions exploiting the Global Information Grid infrastructure
 - Netted Sensors
 - Data Packaging
 - Sensor to Sensor Collaboration
 - Data Selection
 - Information Assurance
 - Data Synchronization



Goals for Innovative Programs

Kill Chain Reduction

USE TECHNOLOGY TO DECREASE STRIKE TIME REQUIRED



Open Architecture Solutions Preferred



Goals for Innovative Programs

Current Fleet Support



F/A-18 A,B,C,D



E-2C



C-2A

- Sustainability of aging aircraft platforms
 - Life extension
 - Address obsolete components
 - Life cycle cost reduction initiatives
- Maintain platform relevance
 - Low cost capability improvements
 - Open architecture solutions



Goals for Innovative Programs

Leverage Leading Edge Technology

- Explore military uses for existing commercial products
 - Mass data storage
 - Streaming video
 - Image and data compression
 - Simulation technology
 - Data access technology
 - Enhanced communication device
 - Integrated solutions
- Rapid Capability Deployment



Google™

YouTube



Summary

Network Centric Warfare

Kill Chain Reduction

Current Fleet Support

Leverage Leading Edge Technologies

Technology
Information
Sheet

*ATRB
Web Site*

<http://atrb.navair.navy.mil>

Innovation...Innovation...Innovation
Leverage Other PEOs and Services