

Unclassified

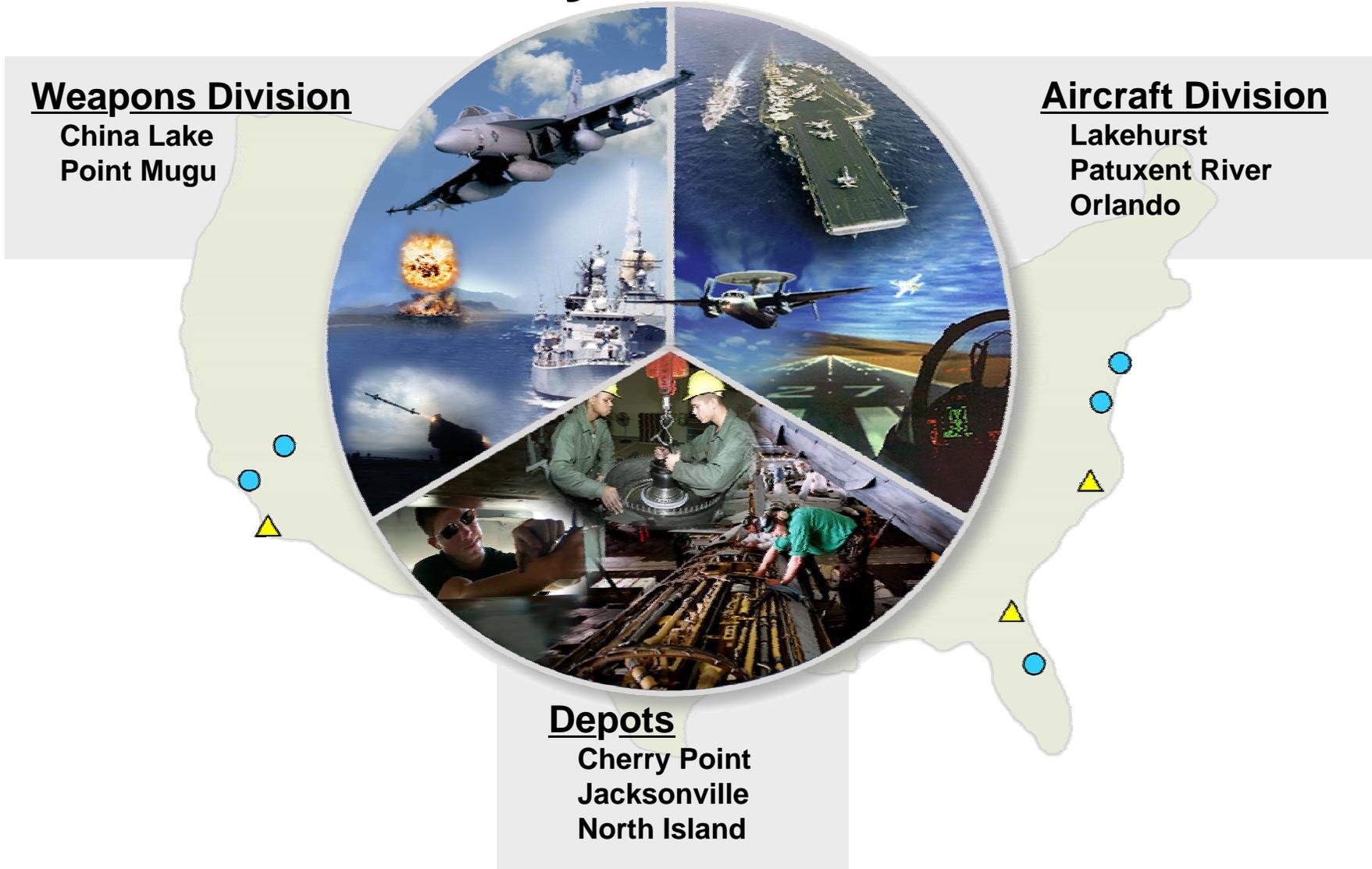
DCN 4898
Executive Correspondence



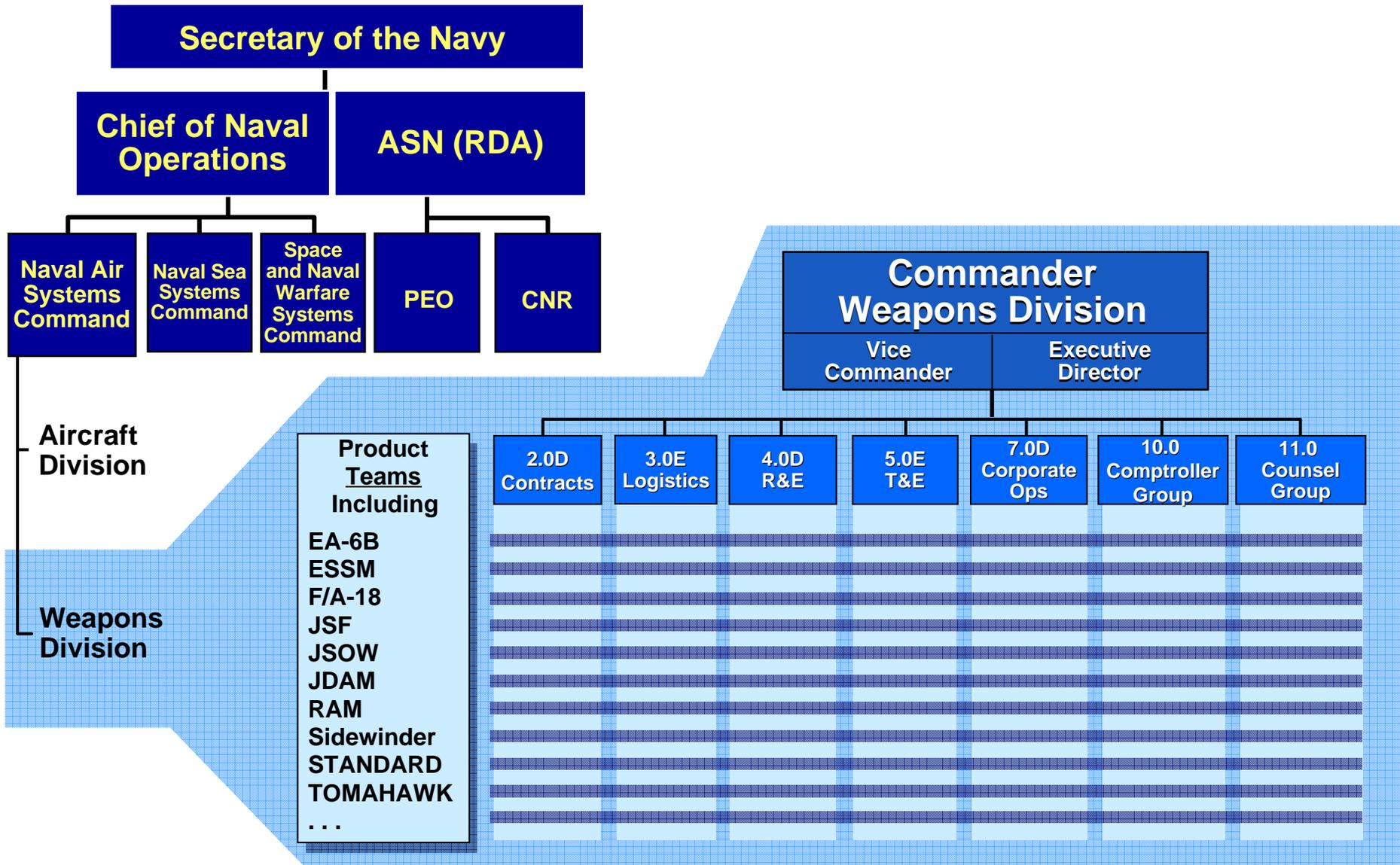
***Naval Air Warfare Center Weapons Division
Overview***

Unclassified

Naval Air Systems Command



An Integrated Organization

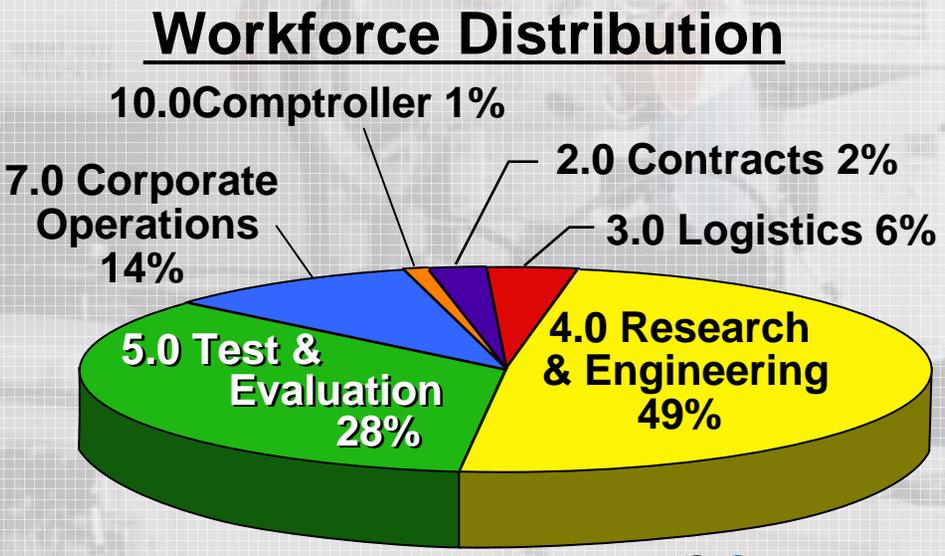


The Weapons Division Workforce

	China Lake	Point Mugu	Totals
*Full-time Civilians	2,589	1,509	4,098
Military Onboard	307	239	546
Contract Support	1,245	173	1,418
WD Total	4,141	1,921	6,062
Other Navy Onboard			939

Workforce Total 7,001

2004 Summary
 WD Payroll- \$260-million
 Other Navy Payroll- \$63-million
 Contracts Valued at \$476-million
 Average Age 47 years
 Average Salary \$80,347



Weapons Division Full-Spectrum RDT&E

Our Mission is to provide effective, affordable, integrated, interoperable warfare systems to the warfighter, and to support those systems for life.

Our Foundation

People



Ranges



Laboratories



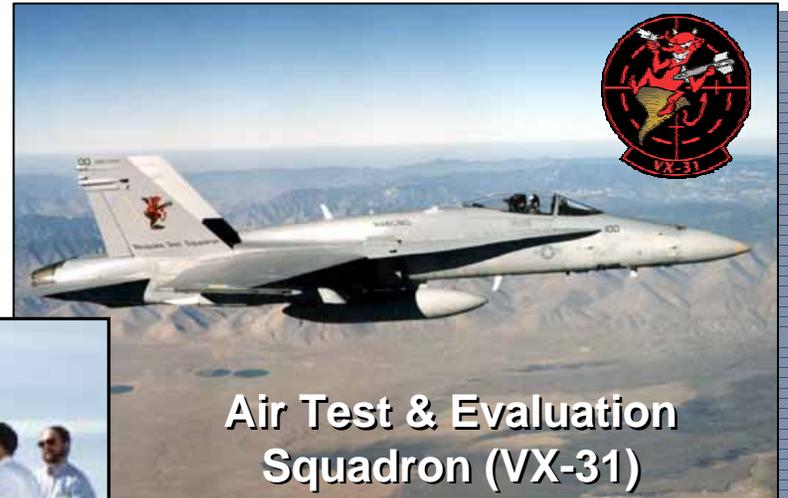
What We Do For The Fleet



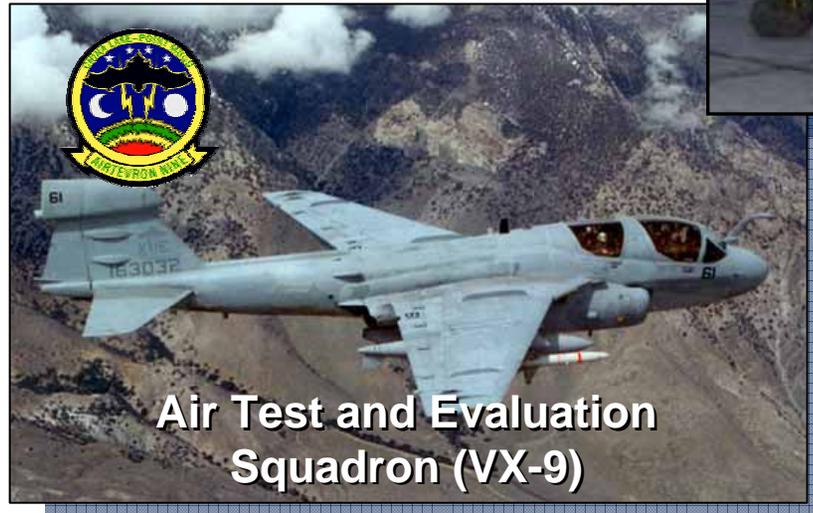
Military / Civilian Team



Air Test & Evaluation Squadron (VX-30)



Air Test & Evaluation Squadron (VX-31)

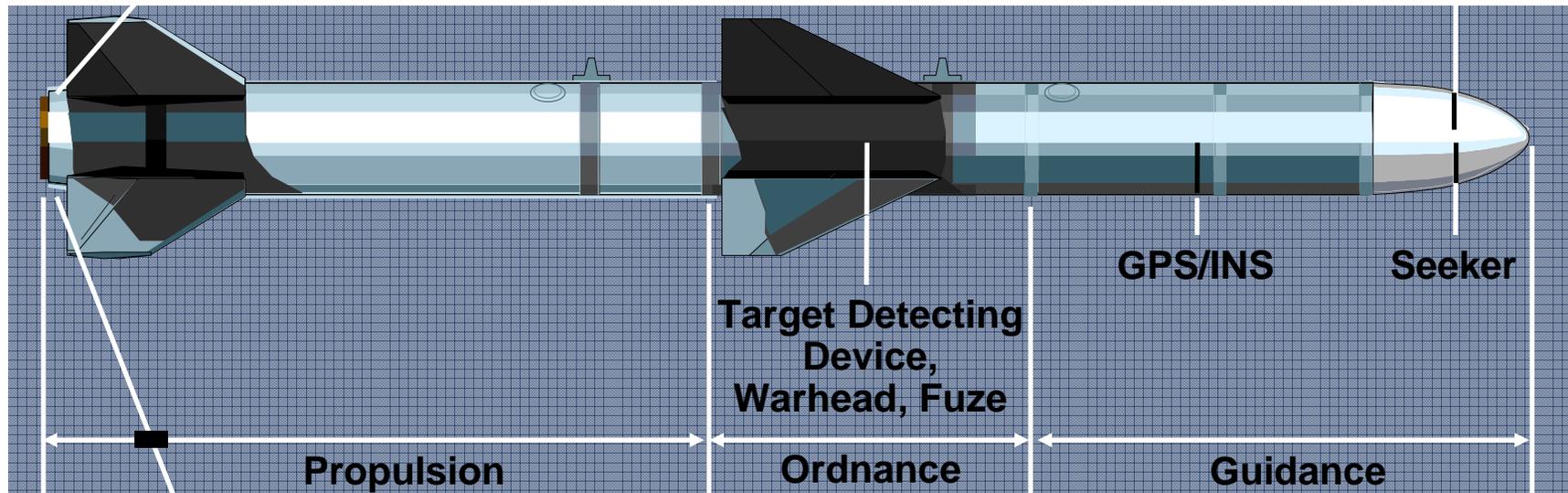
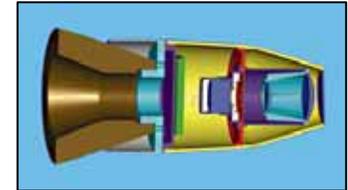
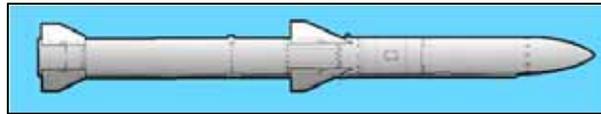


Air Test and Evaluation Squadron (VX-9)

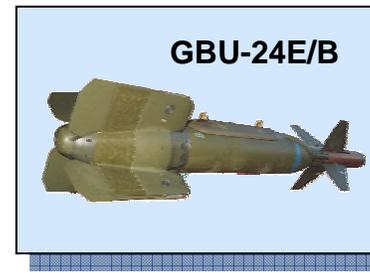
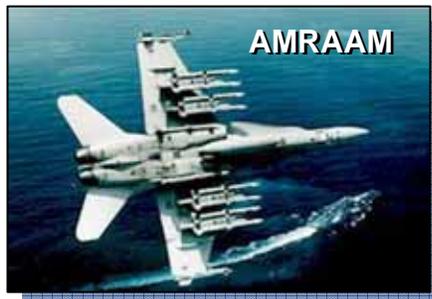
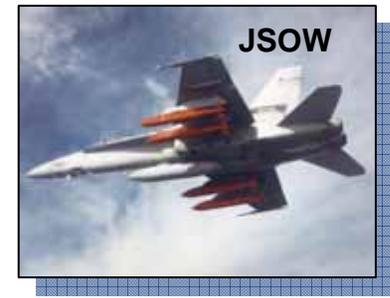
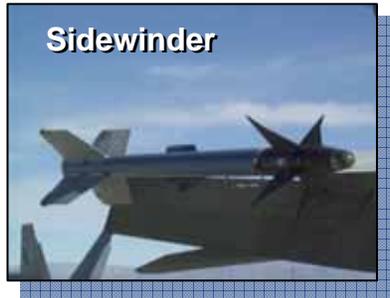


Marine Aviation Detachment

The Weapon and Its Subsystems



Family of Weapons



Weapon Platform Integration

F/A-18



F-14



EA-6B



EP-3



AH-1



AV-8



F-22

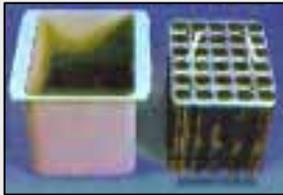


F-35



Electronic Warfare

IDECM



EA-6B



EA-18G



Electronic Combat Range

Pacific Range Capabilities

- Land Range: 1,777 square miles
 - Airspace: 20,000 square miles
- Sea Range: 36,000 square miles (expandable to 125,000 square miles)
 - Airspace: 36,000 square miles



Land and Sea Range FY04

Testing and Training

Test / Training events

Land _____	1,371
Sea _____	1,138
Electronic Combat Range _____	603
<hr/>	
Total	3,112

Training Sorties

Superior Valley _____	3,895
R-2508 Complex _____	19,625

9% Increase Over FY03



Laboratories and Facilities

40 Major Facilities



Integrated Modeling and Simulation



Virtual Prototyping Facility



Carco Five-Axis Table



F-14 Weapon Integration



Electronic Combat Simulation and Evaluation Laboratory

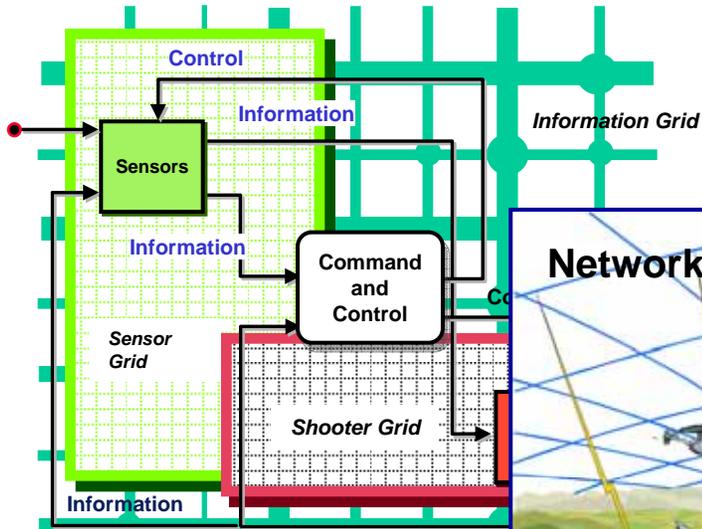


MESA

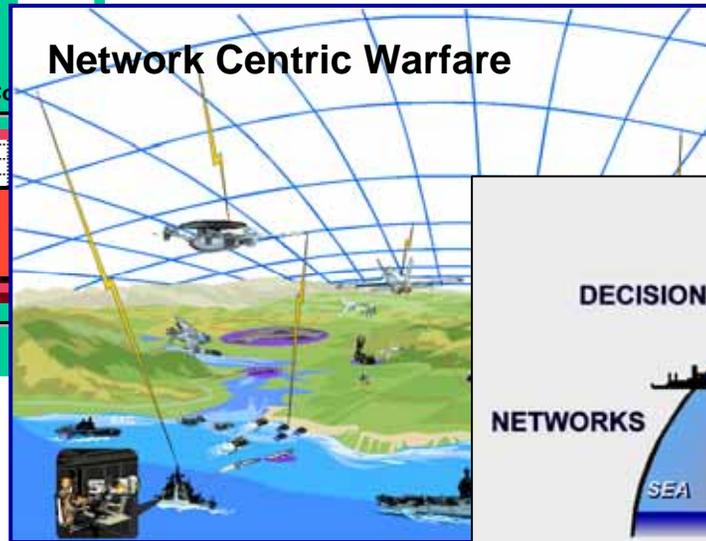


F/A-18 AWL

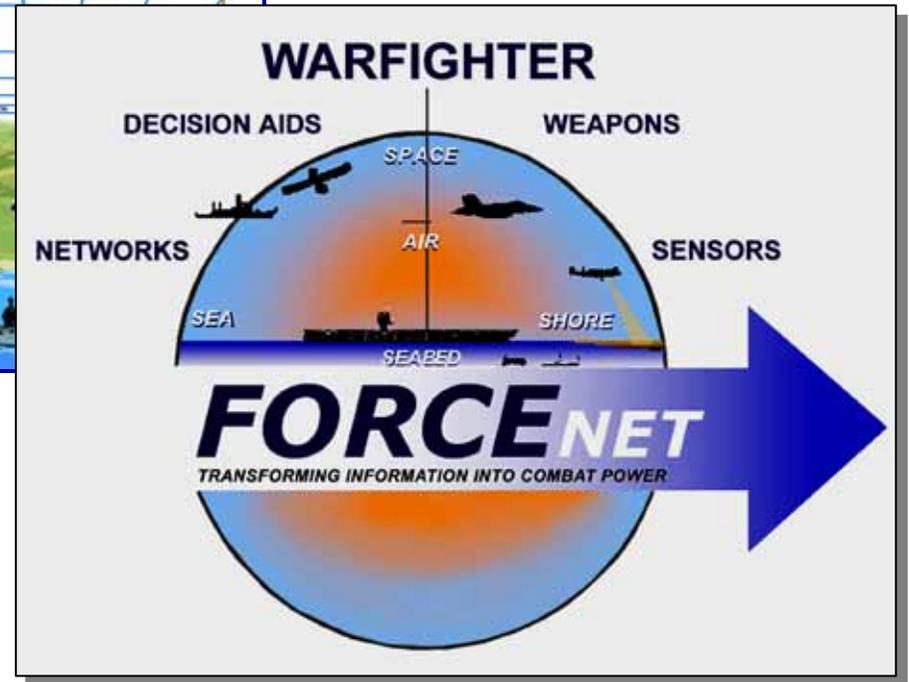
Force Net Evolution in NAVAIR



1997- Battlespace Engineering
WD Strategic Thrust



2000 NAVAIR
Strategic Initiative



Today

New Technologies



Homeland Defense



Biomimetics



Digital Precision Strike Suite



Seeker Imagery

Ladar Technology

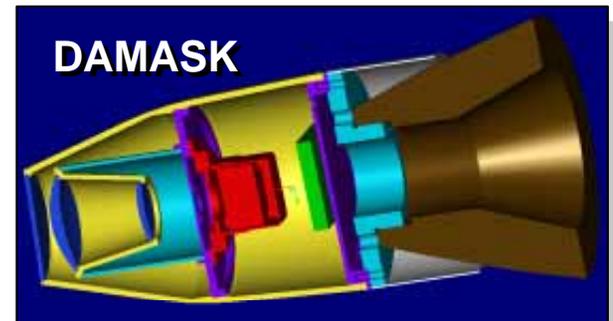
ATR Target Designation



Directed Energy Weapons



Spike



DAMASK

Warfighter Support Then, Now, and Into the 21st Century



Personnel: 7,001

- **Civilians: 4,587**
- **Military: 996**
- **Contractors: 1,418**



- **Land Ranges: 1.1 million acres**
- **Sea range: 36,000 square miles**
- **Number of annual test events: 3,112**



- **Annual revenue: \$1.1 billion**
- **Plant replacement value: \$2.8 billion**
- **Over 40 major laboratories**



NAV AIR