



NAVAIR Lakehurst Overview

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Presented to:

Lakehurst Small Business Roundtable

Presented by:

Mauricio Borrero

NAVAIR Lakehurst Site Integrator





NAVAIR Lakehurst Role



- **World leader in Aircraft Launch and Recovery Equipment (ALRE) and Support Equipment (SE)**
- **Unique Mission:**
 - Assure that fixed and vertical wing aircraft operate safely and effectively from aircraft carriers, air capable ships and expeditionary airfields worldwide



*From Take Off to Touchdown
99.9999 reliable*



NAVAIR Lakehurst Products/Services



Provide Research and Development Support – SE & ALRE System of Systems

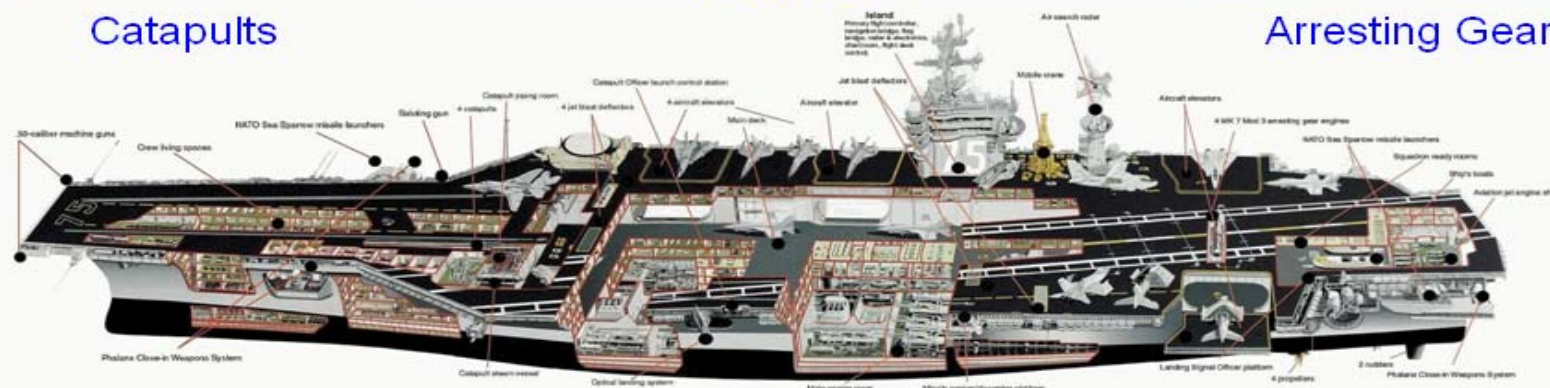


Aviation Management Info Systems



Catapults

Arresting Gear



Weapons Loader



Automated Test Equipment



Cranes



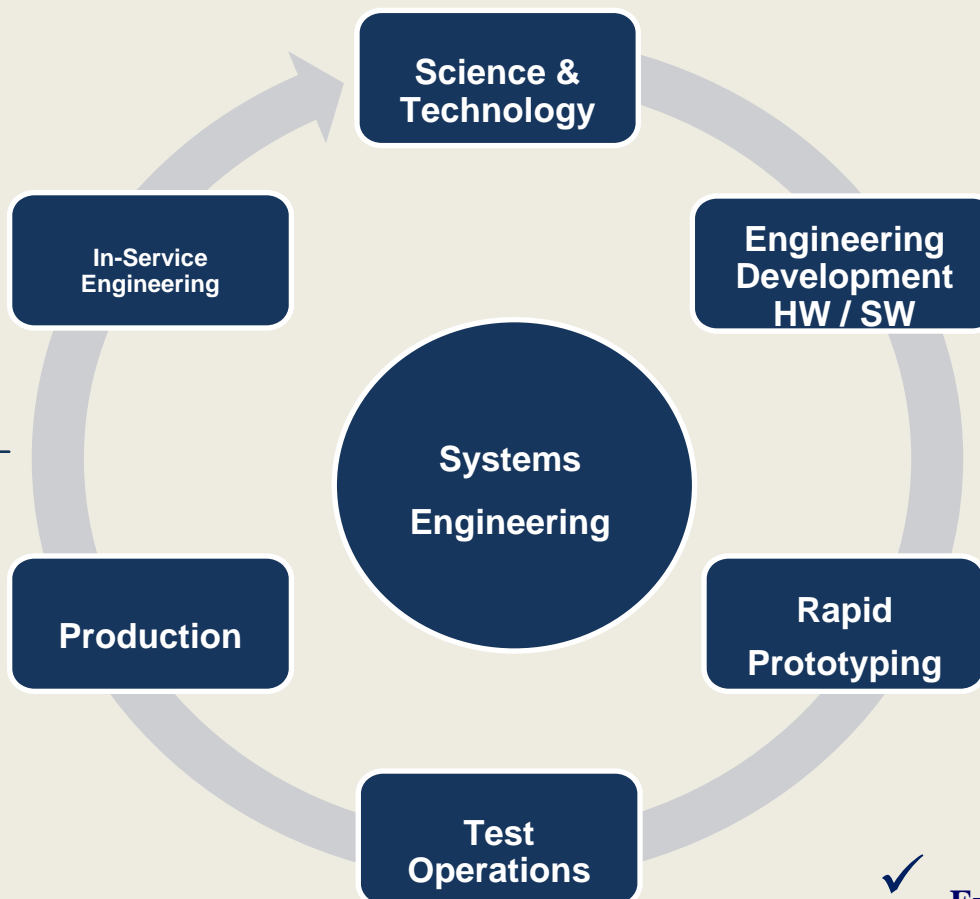
Visual Landing Aids



The World's Only Continuous, Full Spectrum Life Cycle Support for SE and ALRE



- Program Management
- On-Site Fleet Reps
- Cost Analysis
- Contracts
- Logistics
- Materials
- System Safety



- ✓ Aircraft / Weapons / Ship Compatibility
- ✓ Visual Landing Aids
- ✓ Information Systems
- ✓ Recovery
- ✓ Launch
- ✓ Handling
- ✓ Servicing and Maintenance
- ✓ Advanced Diagnostics
- ✓ Expeditionary Airfield Systems





Manufacturing & Rapid Prototyping Capabilities



NAVAIR Lakehurst's Prototype and Manufacturing Division is an essential resource for support of Naval aircraft and associated Aircraft Platform Interface missions.

~ \$500M of Prototype and Manufacturing Infrastructure, Facilities, and Assets

Lakehurst

- **Unique and Sole** manufacturer and Fleet provider of Cross Deck Pendants (CDPs) and Purchase Cable for USN, USAF, and EAF's.
- Designated Depot for ALRE Systems and Equipments
- Recognized Prototype and Rapid Response Facility for Naval Aviation
- 304,000+ ft² of shop & office floor space under 15 buildings over 6 acres
- 176+ Artisans along with 86+ engineers and support personnel
- 300+ conventional and Computer Numerically Controlled (CNC) lathes, mills, Water Jets, wire and heat treat furnaces.





Unique ALRE Capabilities Test Facilities



Elevated Fixed Platform
RAST Helicopter recovery
system



Runway Arrested Landing Site
(RALS)
Shipboard MK7 MOD 3/4 Arresting
Gear

Advanced Arresting Gear
(AAG) Test Sites

Shipboard water-
cooled Jet Blast
Deflector



Jet Car Tracks with
Shipboard MK7
Arresting Gear

EMALS Catapult
Test Site

All Test Sites & Systems
instrumented for
collection of engineering
data

TC13-2

TC13-0

Dedicated 12,000 ft Test Runway