



Northeast Florida Regional Council
Military Installation Readiness Review

Kickoff Meeting

April 22, 2025



Jacobs



W E L C O M E

Beth Payne,
NEFRC CEO





OPENING REMARKS

**Hon. John H. Rutherford,
US House of Representatives**





OPENING REMARKS

Hon. Nick Howland

City of Jacksonville Councilmember





OPENING REMARKS

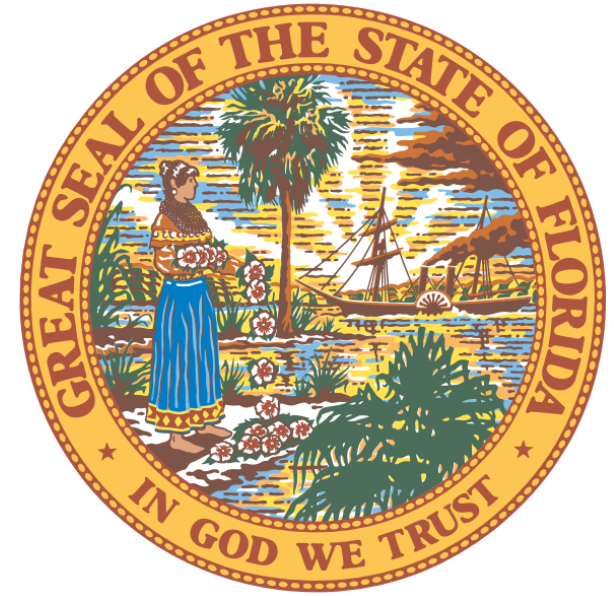
Hon. Jim Renninger
Clay County Commissioner
NEFRC President





OPENING REMARKS

Dr. Wes Brooks, State of Florida Chief Resilience Officer



INSTALLATION PRESENTATION

Mission, Installation Overview

- **NAS Jacksonville:** Commanding Officer, Captain Gregory deWindt
- **NS Mayport:** Executive Officer, Commander Tellis Fears
- **MCSF Blount Island:** Commanding Officer, Colonel Luke Watson
- **Camp Blanding Joint Training Center Florida National Guard:** Commander, Colonel Todd Hopkins



NAS Jacksonville

Commanding Officer,
Captain Gregory deWindt



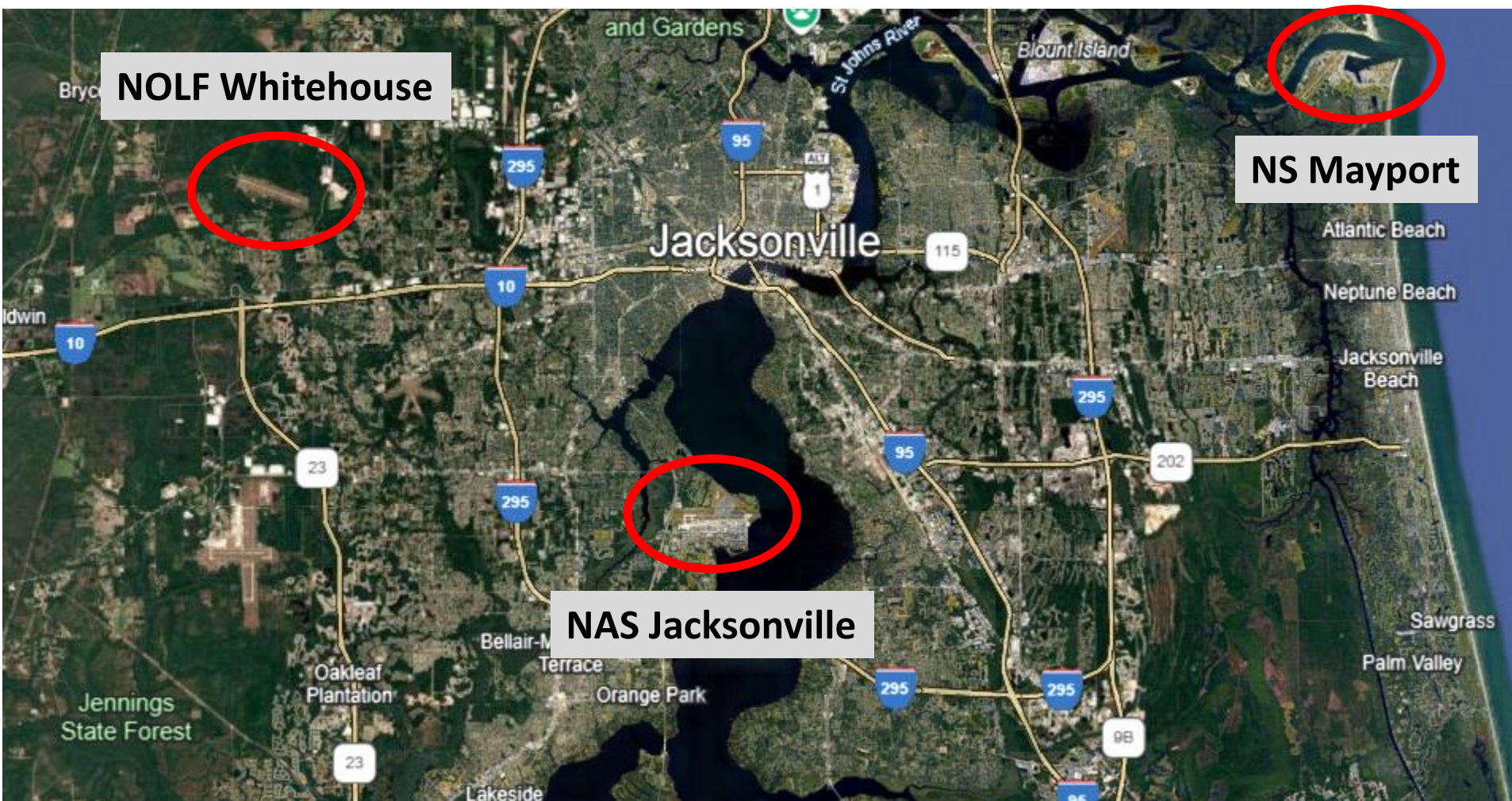
Naval Air Station Jacksonville

Captain Greg deWindt, USN
Commanding Officer

A decorative graphic at the bottom of the slide consisting of three horizontal stripes: a light blue stripe on top, a yellow stripe in the middle, and a dark blue stripe on the bottom.

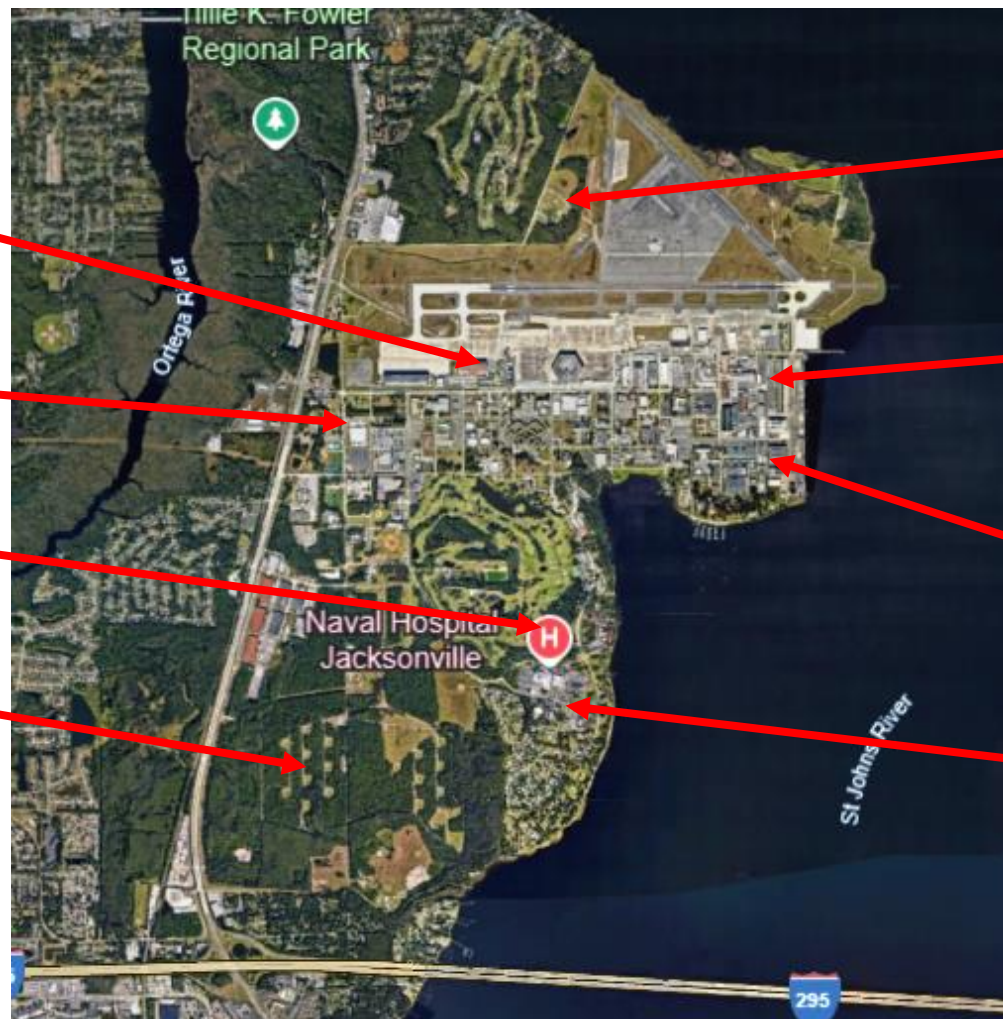


US Navy Presence in Jacksonville





NAS Jacksonville



P-8 Squadrons

Exchange/Commissary

Hospital

Bunkers

Wastewater Plant

Helicopter Squadrons

FRCSE

Navy Housing

Questions



NS Mayport

Executive Officer,
Commander Tellis Fears





Controlled by: Dept of the Navy
Controlled by: NAVSTA MAYPORT N5
CUI Category: PRVCY
Distribution/Dissemination Control: FEDCON
POC: Mike Watson, Michael.p.Watson@navy.mil
904-270-5940 EXT 1203

Naval Station Mayport



MIRR Installation Tour



1. Pass Building
2. Shoreline
 - Beach sand
 - Dunes
 - Tower
 - Poles
 - Boardwalk
 - Turtles
3. Water Treatment
4. C4F Flooding
5. Charlie Pier
6. Living Shorelines
7. Patrol Road/Dredge Spoils
8. Hydrography Study/Golf Course
9. Sherman Creek
10. HCF Park/SR A1A



Questions

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MCSF Blount Island

Commanding Officer,
Colonel Luke Watson





CONTROLLED UNCLASSIFIED INFORMATION (CUI)

Colonel Luke Watson
Commanding Officer
22 April 2025

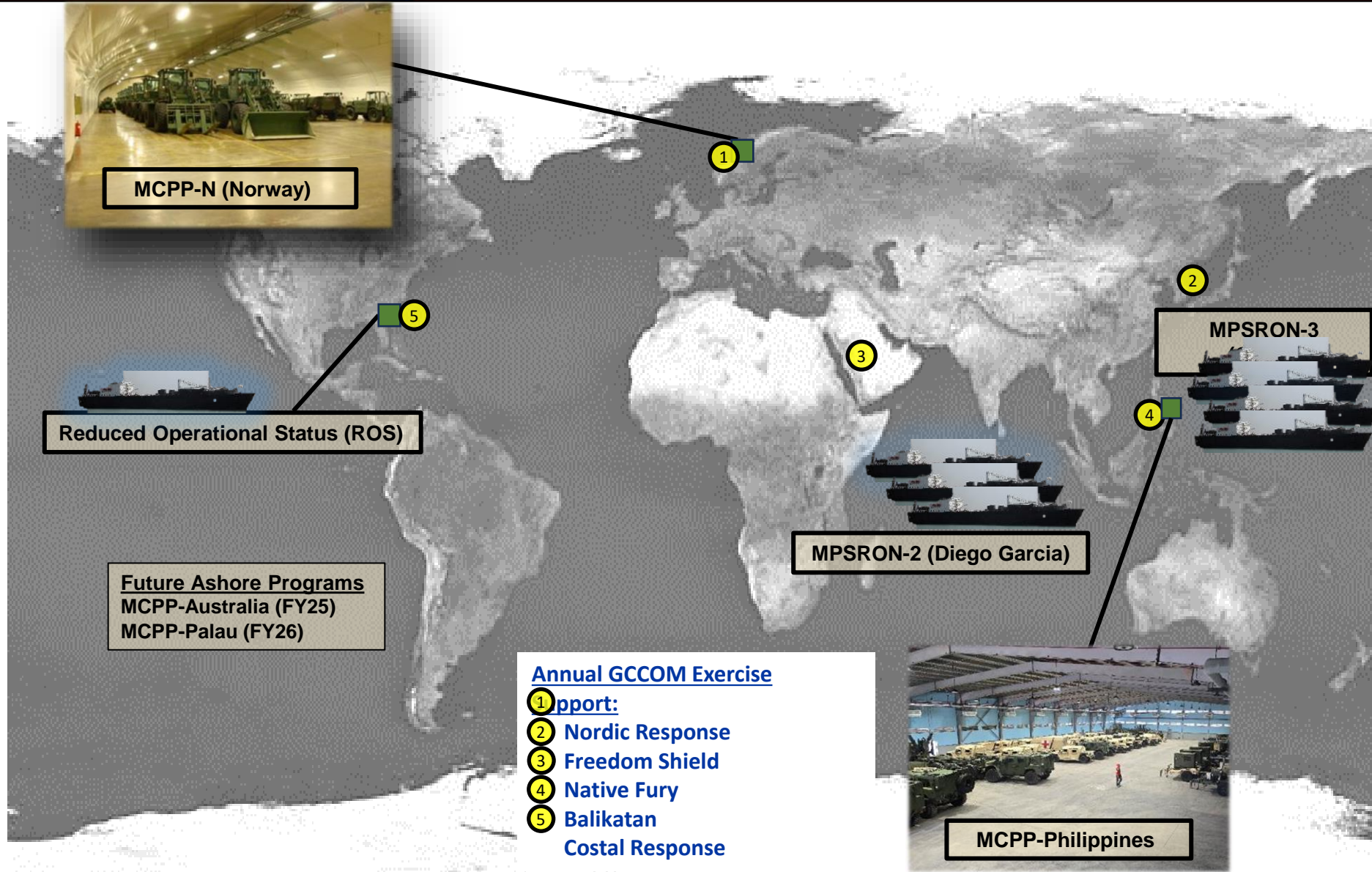


Overview of
**Marine Corps Support
Facility Blount Island**
for
**NE Florida Military
Installation Readiness
Review**

Always Forward - Always Ready



Strategic Prepositioning Program





CONTROLLED UNCLASSIFIED INFORMATION (CUI)

Marine Corps Support Facility Blount Island



Always Forward - Always Ready



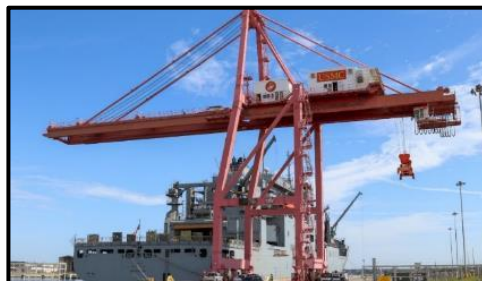
Installation Master Plan

Navy Cargo Handling Battalion-11

- NAVELSG would like to expand footprint by ~34%
- MCSF-BI uniquely offers access to conduct advanced cargo training with Improved Navy Lighterage System (INLS)
- Need NEPA & Strategic Basing Decision

40 Ton Gantry Crane

- 29 years old, needs replacement
- \$50M project, beginning design



Military Sealift Command

- Layberth of 2 ROS vessels at MCSF-BI
- Significant periods of 3 vessels in FY24
- RESET layberth of USNS Lewis & Clark not supportable due to port capability.
 - Only 1 Berth with Shore Power/no Sewage
 - Berth 2 Shore power project awarded
 - Hotel Services project in development

NAVFAC Expeditionary Warfare Group (PM 314 Logistics Over the Shore)

- 85% of US Navy Lighterage at MCSF-BI
- Program sustained by BICmd contract
 - Historically underfunded
 - Repair facility relocated in 2024 to MCSF-BI
- MILCON:
 - Lighterage Wharf (P-021) (Bids received)
 - Navy Point Electrical (initial design)
 - Sealift Software Support Lab (15% design)





Redundancy

Comm, Power, Gas, Water, Sewage, Roadway

➤ **P-034 Comm Facility/Infrastructure Upgrade**

- Replace outdated IT infrastructure (~1970s)
- Program Final DD1391 Completed
- Final Design Authority (FDA) underway
- FY26 FYDP, possible NDAA Community Project

➤ **Commercial IT Connectivity Upgrade**

- Single route for all IT supporting installation; base isolated during commercial path outages
- USMC Circuit Mgmt, MCIEAST, and AT&T working to establish fully redundant connectivity
- Current circuits will be load balanced over diverse paths from the base to the AT&T Jacksonville Central Office

➤ **P035 Dual Fuel Generator Project**

- Energy Resilience Conservation Investment Program
- Generators will be installed in all critical facilities (9)
- Final Design Authority (FDA) underway
- Reduce dependency of JEA power grid
- Allow the installation to continue critical operations even if JEA's power grid is down



P-034 Comm Building Rendering

➤ **Water, Sewage, Gas**

- Single channel

➤ **Roadways**

- Heckscher Drive is single point of entry
- Off ramp efficiency, traffic flow/regulation
- Safety of pedestrians



Shoreline Resiliency

- P-036/037 Area 2 & 3 Shoreline Restoration
 - Awarded 30 Jun 2023 for \$14.7M
 - Construction delayed due to challenges obtaining Department of Army Permit
- DON-231204-3J36 FY26 Legislative Proposal Solicitation
 - Submitted Legislative Proposal via DC I&L to amend USC Chapter 10 U.S.C. § 2815a.
 - Included in the FY25 NDAA; enacted into law
- Ecological Effects of Sea Level Rise Keeping it in the System Grant
 - Coastal Habitat Enhancement (Beneficial use of dredged sediment to increase resilience of coastal marshes and built infrastructure).
- Development of Coastal Nature-based Solutions (NbS) to Improve Resilience
 - U.S. Army Corps of Engineers Engineering With Nature (EWN), USACE ERDC, EA, and UGA)
 - ESTCP, RC25-D2-8804, MCSF-BI received grant for nature-based shoreline projects



Mapping of the shoreline and tracking loss over the years.



ESTCP Site Plan (Thin Layer Placement)



Maritime Security

➤ Police Boats

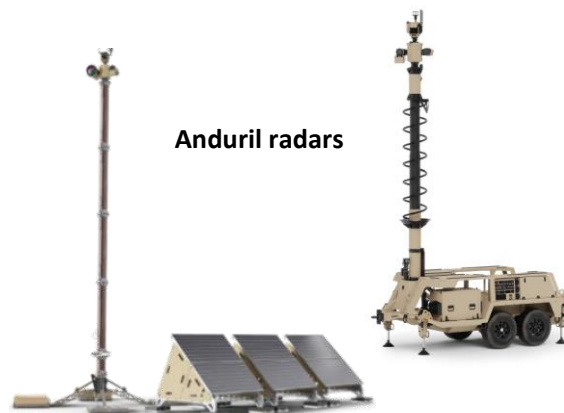
- Received existing boats in 2007
- Manufacturer service life: 10 years
- US Coast Guard service life: 10 years
- USMC has not established program of record

➤ Ground Based Radar Systems

- Operating two different radar systems:
 - (4) Joint Interoperable Gateway for Security, Anti-terrorism, and Warfighting (JIGSAW)
 - (2) Anduril towers (5 year test program)
- Additional towers for better coverage

➤ Emerging Technological Solutions

- Monitor perimeter, prevent encroachment





Questions/Discussion



Camp Blanding

Joint Training Center
Florida National Guard

Commander,
Colonel Todd Hopkins





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Camp Blanding Joint Training Center

Informational Brief

Colonel Todd Hopkins



Warriors Serving Warriors





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Our History



- First muster of militia troops in the continental United States took place on September 16, 1565, in the newly established Spanish military town of St. Augustine
- Held during the onset of a hurricane and the militia were assigned to guard the expedition's supplies
- 71 years before the formation of militia in Massachusetts (1636)
- The Florida National Guard is the Nation's oldest continuous militia



Warriors Serving Warriors





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Our Mission



Provide Highly Trained Units and Personnel to:

Support National Security Objectives

Respond to Emergencies and Disasters

Support Programs which add Value to Our State and Nation



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Camp Blanding Joint Training Center



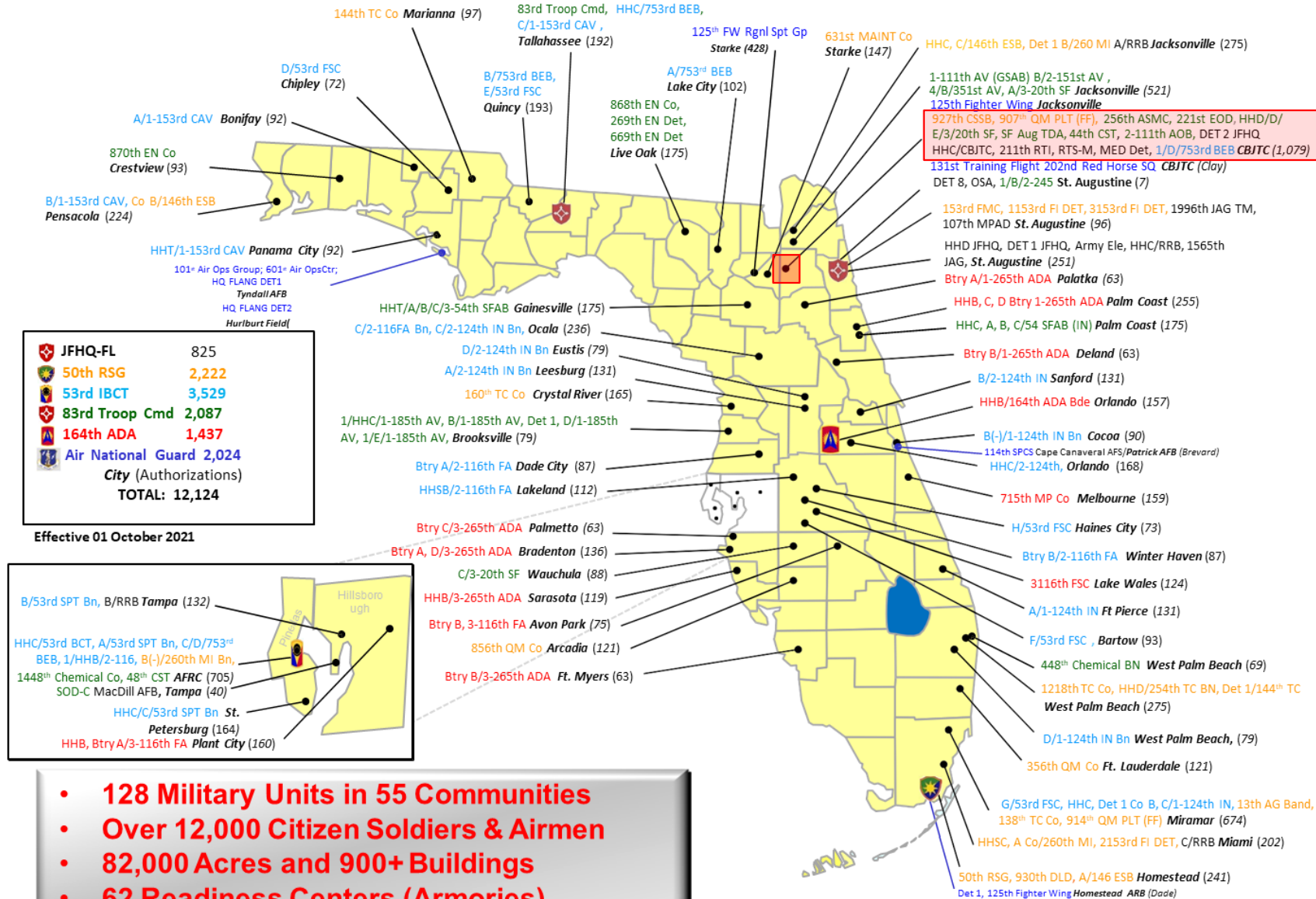
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Florida National Guard



- 128 Military Units in 55 Communities
- Over 12,000 Citizen Soldiers & Airmen
- 82,000 Acres and 900+ Buildings
- 62 Readiness Centers (Armories)



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Our History



Established in 1939 on 30,000 acres
Major General Albert H. Blanding

World War II

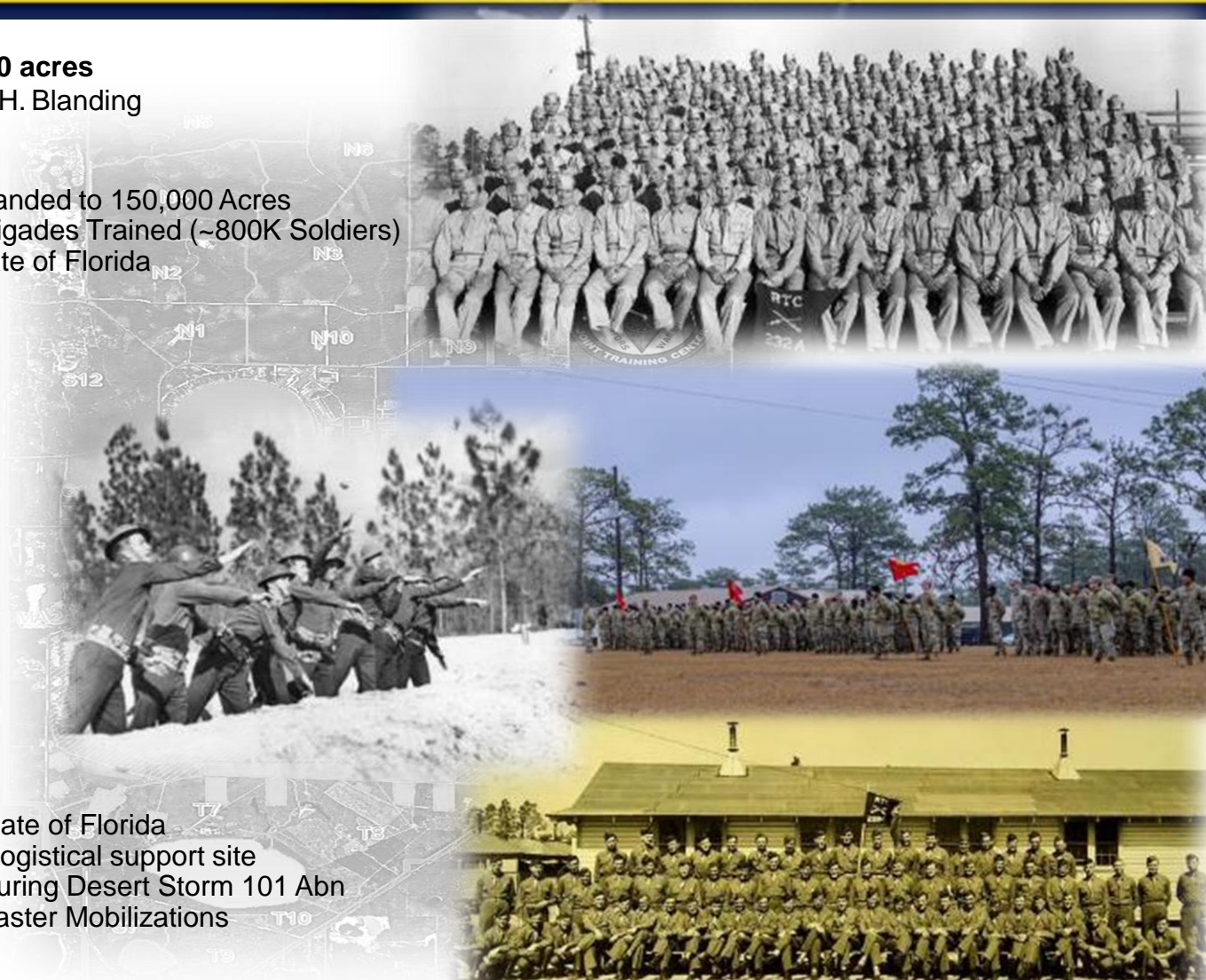
- Federalized in 1940, expanded to 150,000 Acres
- Over 16 Divisions and Brigades Trained (~800K Soldiers)
- 4th Largest City in the State of Florida

Nine Infantry Divisions

- 1st "The Big Red One"
- 29th "Blue and Gray"
- 30th "Old Hickory"
- 31st "Dixie Division"
- 36th "Texas"
- 43rd "Winged Victory"
- 63rd "Blood and Fire"
- 66th "Black Panthers"
- 79th "Cross of Lorraine"
- 508th Parachute IN Regt
- German Prisoner of War Camp

Post World War II

- Control returned to the State of Florida
- 1946-1955: Remained a logistical support site
- Used as staging center during Desert Storm 101 Abn
- Since 2000: 49 State Disaster Mobilizations



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Mission Statement



Command, operate, manage and administer the use of resources of a **Level II** Garrison Training Center to accomplish all assigned missions by providing year-round **customer service** through administrative, engineering, logistical, training and operational support to assigned, attached, transient, or tenant units and joint forces activities for **up to and including brigade sized elements**.



- ✓ Support National Security Objectives
- ✓ Respond to Emergencies and Disasters
- ✓ Support Programs which add value to our State & Nation



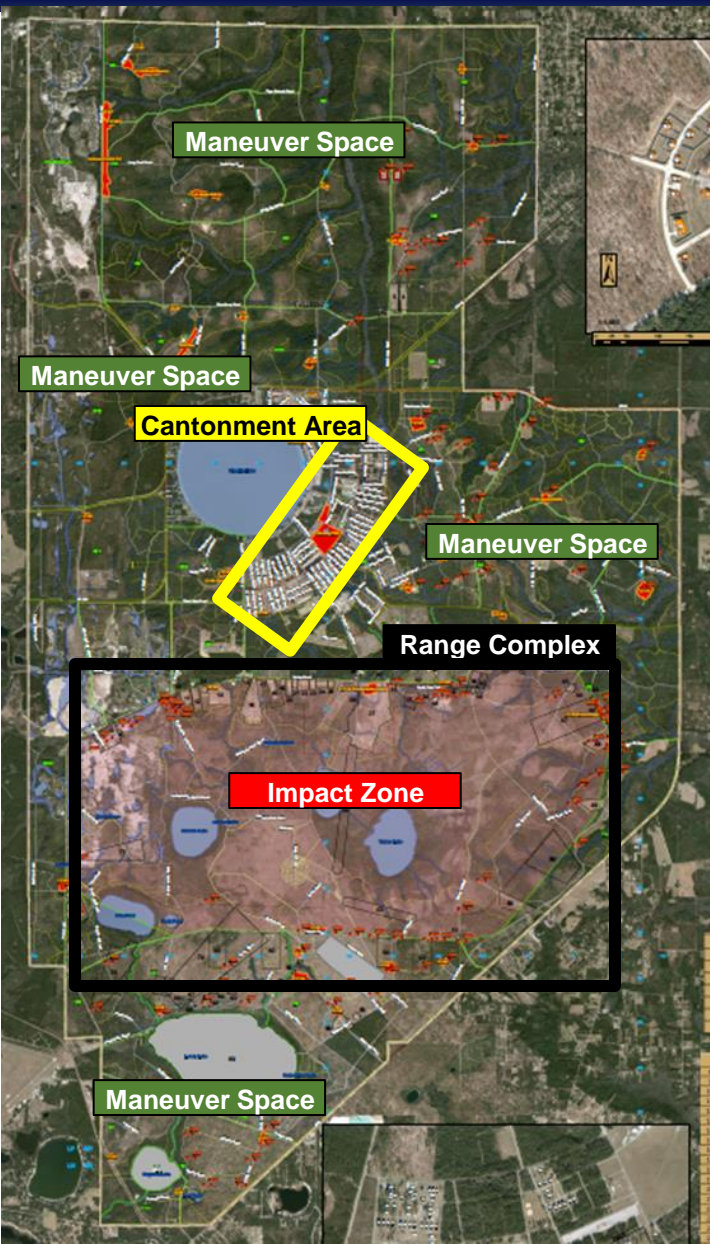
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Area of Operation



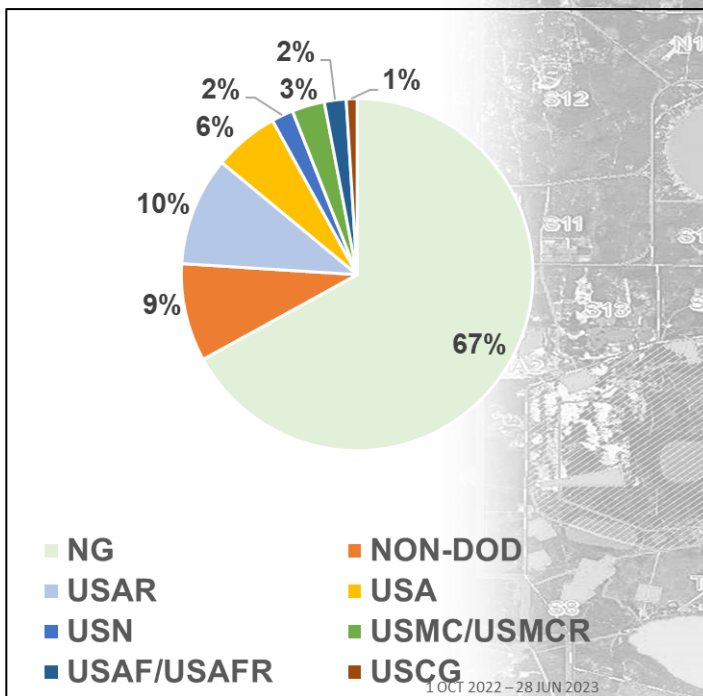
73,000 Acres of Land

- **55,000 acres of maneuver space**
 - Combat and Non-Combat Arms
 - Civilian Law Enforcement
 - Civic organizations
- **50 live/non-live fire ranges and training areas**
 - Small arms to HIMMARS
 - Airborne Operations
 - Waterborne Operations
- **Cantonment**
 - Up to 5000K personnel



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Who Do We Serve



Joint



Intergovernmental



Interagency



Multinational

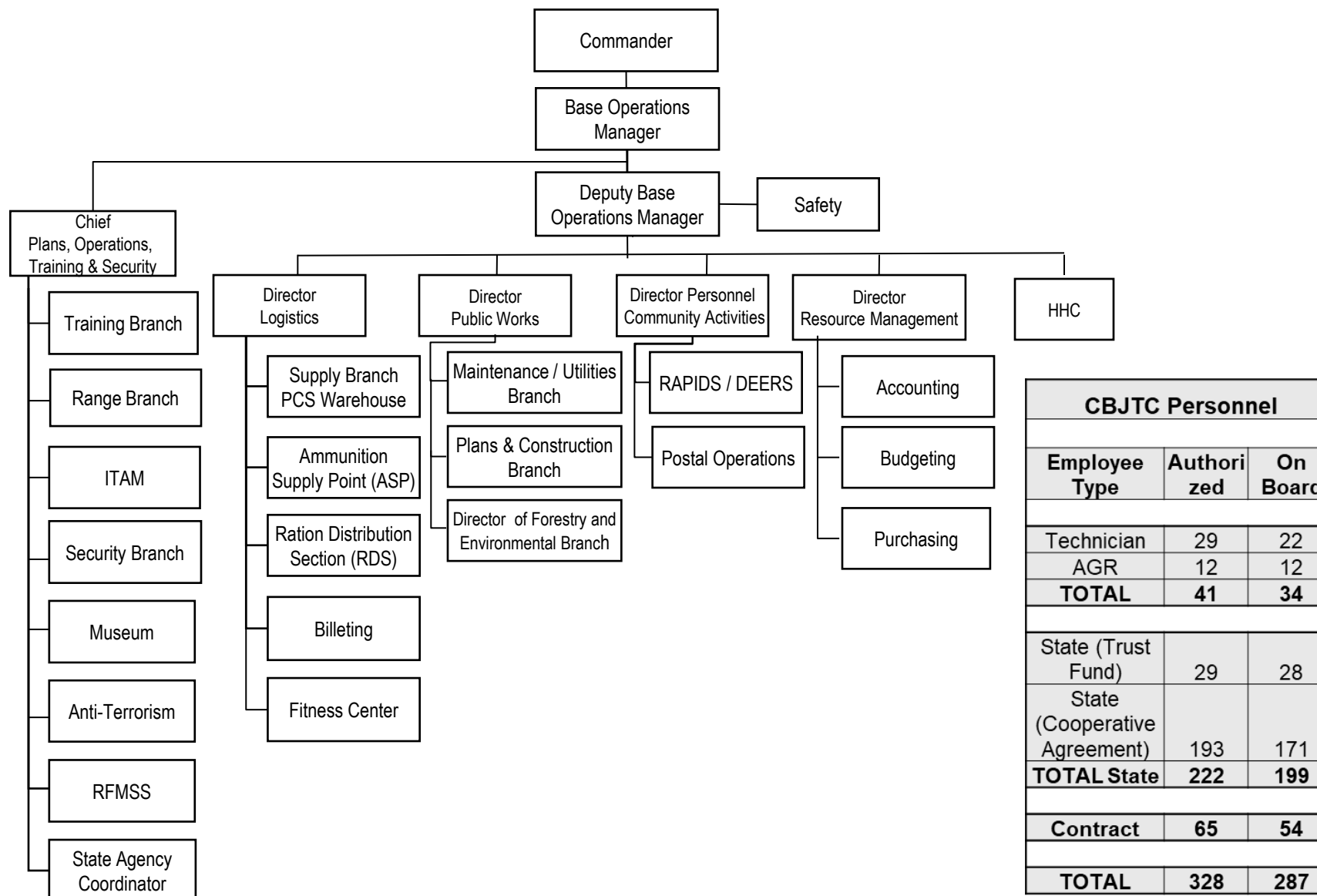


Warriors Serving Warriors





How We Are Organized

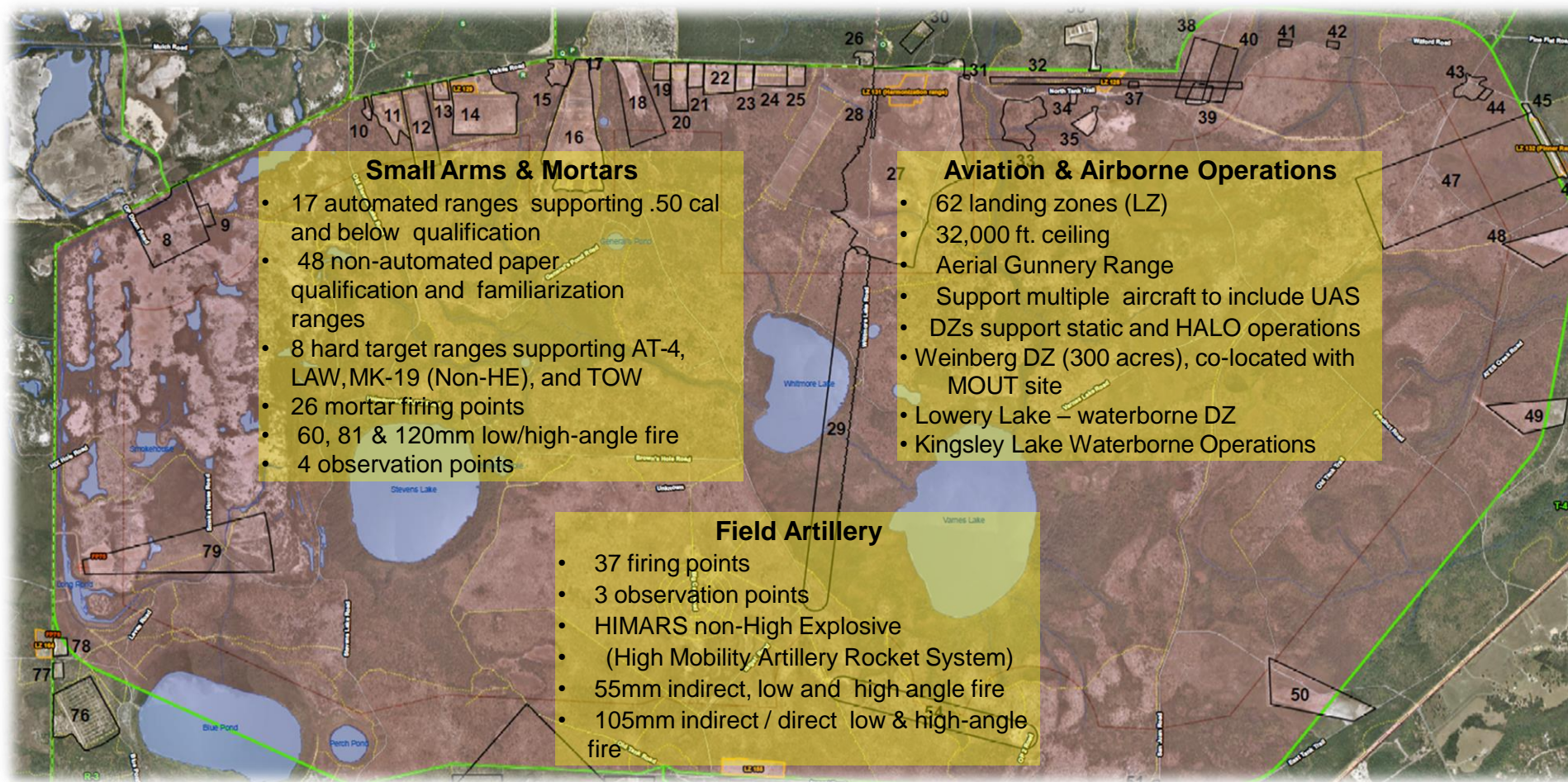


CBJTC Personnel		
Employee Type	Authori zed	On Board
Technician	29	22
AGR	12	12
TOTAL	41	34
State (Trust Fund)	29	28
State (Cooperative Agreement)	193	171
TOTAL State	222	199
Contract	65	54
TOTAL	328	287



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Ranges





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Combined Arms Training Facility



- Co-located with a DZ
- Designed to support Co Ops
- 34 buildings: multiple story, hospital, hotel, banks, houses
- Supports sim-munitions
- Supports Helicopter Air Assault





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Shoot House & Convoy Live Fire



Shoot House

- Two Live-fire Shoot Houses
- Sim-munitions & 5.56
- 'Glass House' rehearsal
- Video – After Action Report



CLF Lane

- 5.56, 7.62 & .50 Cal
- Up to 7 Engagement Areas
- Troop, Vehicle & Mover Targets
- Supported with HLZs to incorporate Resupply & CASEVAC





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Simulations Campus



Enhanced Skills Trainer



Convoy Operation Trainer



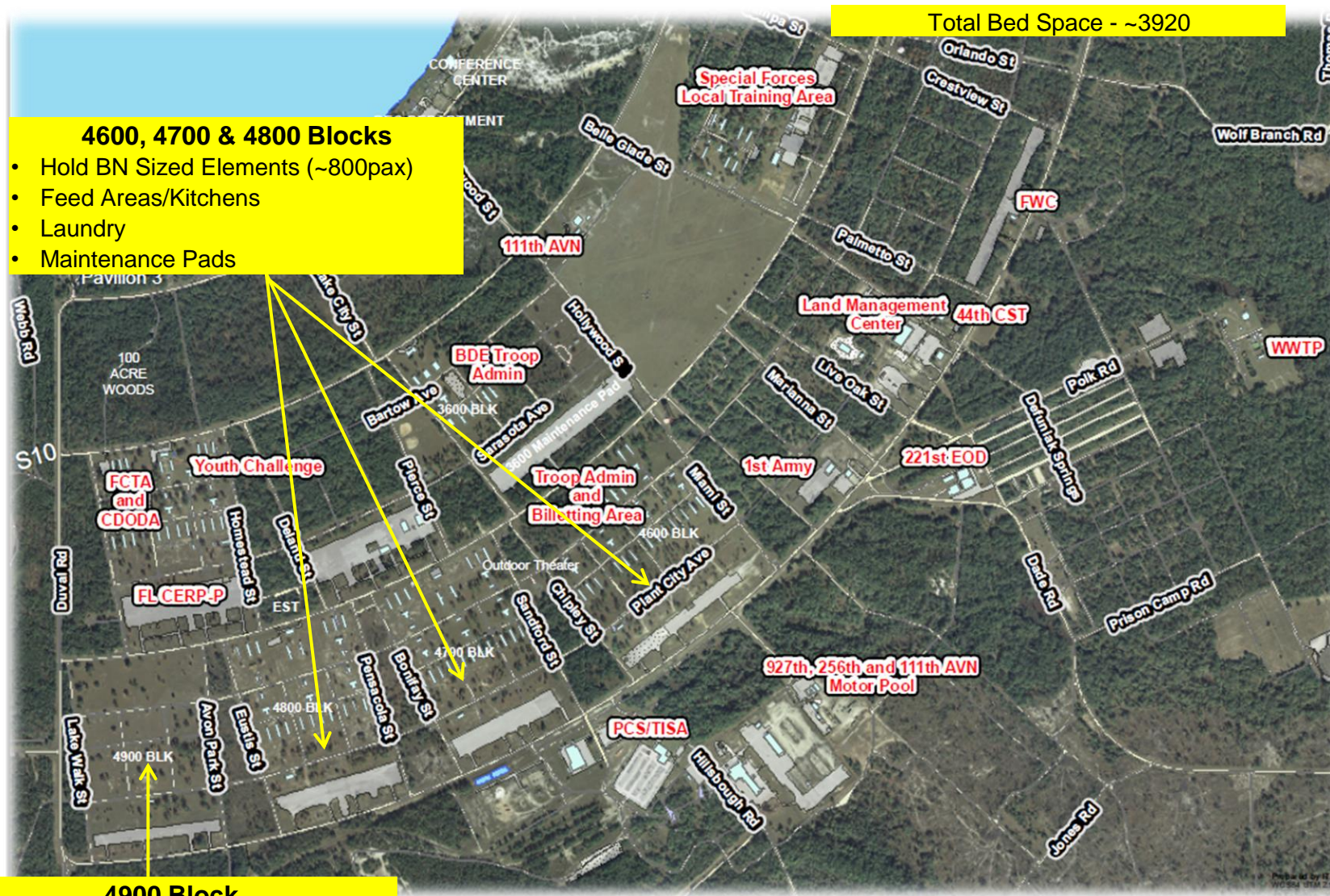
Weapons Skills Trainer, x2





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Barracks



4600, 4700 & 4800 Blocks

- Hold BN Sized Elements (~800pax)
- Feed Areas/Kitchens
- Laundry
- Maintenance Pads

4900 Block

- FTX/Bivouac Area



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Defense Support to Civil Authorities



Tunnel Trainer



Tactical Site Exploitation Facility



Urban Defense Building

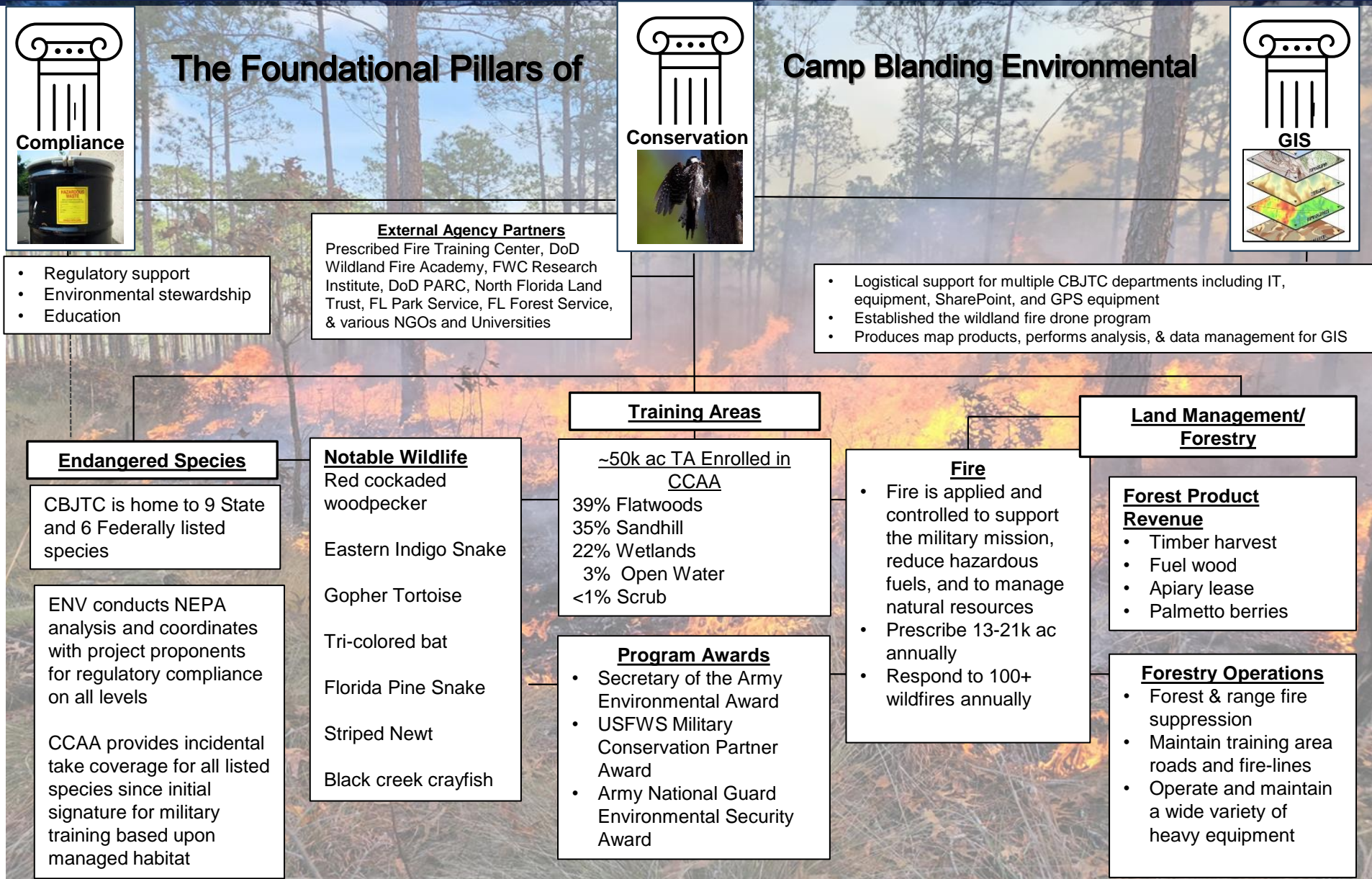


Rubble Trainer





Environmental





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Questions



Warriors Serving Warriors



Project Overview



Project Team

NORTHEAST FLORIDA REGIONAL COUNCIL



Elizabeth Payne
Chief Executive
Officer



Tyler Nolen
Special Project
Coordinator



Fara Ilami
Regional Resiliency
Manager



Apurva Jhamb
Senior Resiliency
Planner



Robert Jordan
Senior Regional
Planner



Andrew Prokopiak
Senior Resiliency
Planner

JACOBS



Susy Torriente
Project Director



John Heinzel
Project Manager



Tanya Gallagher
Deputy Project
Manager



Jason Bird
Resilience
Advisor



Sara Marrs
Adaptation
Planning Lead



Alec Rodriguez
Vulnerability
Assessment Lead



Richard Miller
Military Liaison



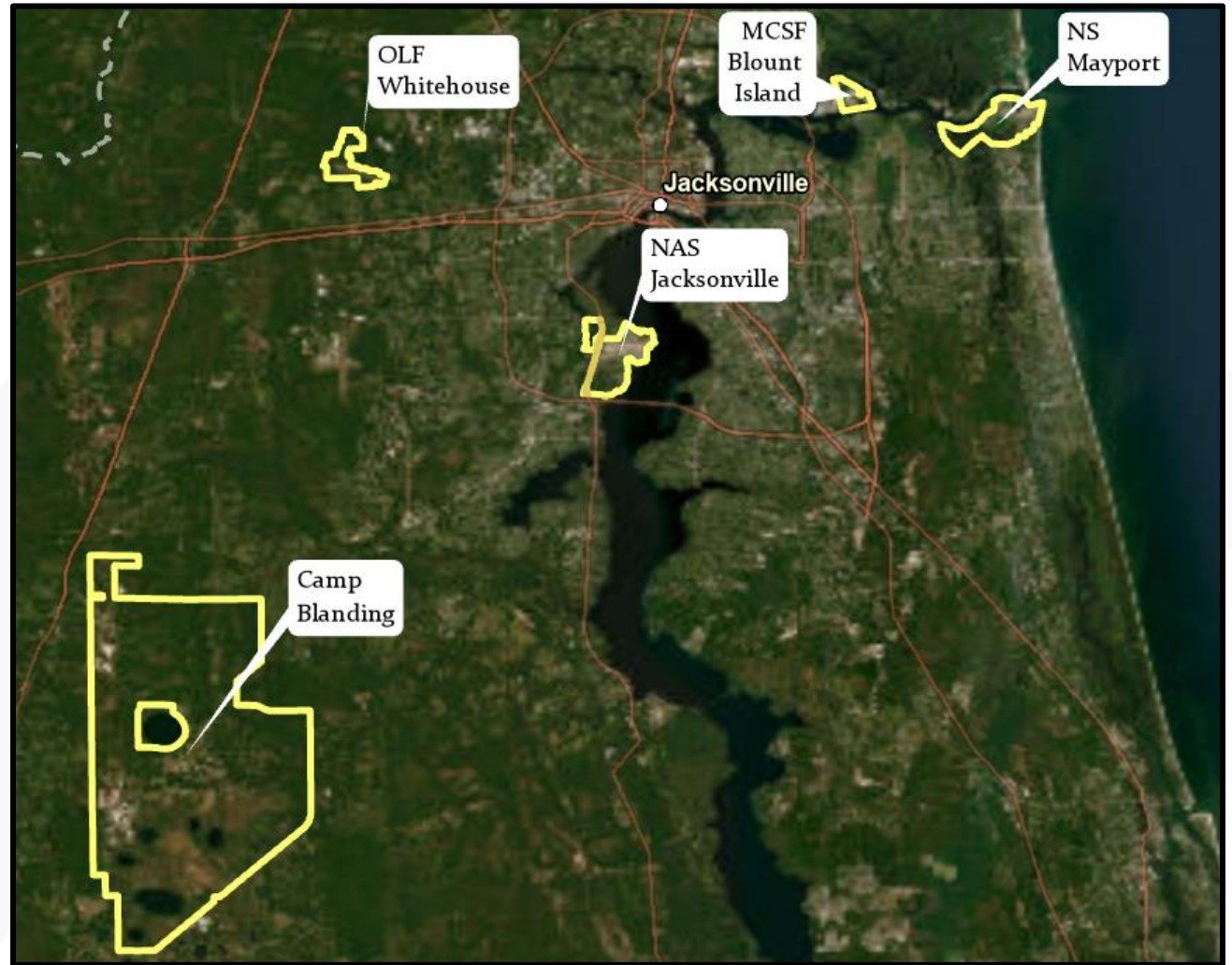
Sean Lahav
Community
Engagement



Strategic Value of the Regional Installations

Highlights

- Regional Military Value
- FL Statewide MIRR Architecture
- Higher Guidance
- Implementation Pathway



Project Overview

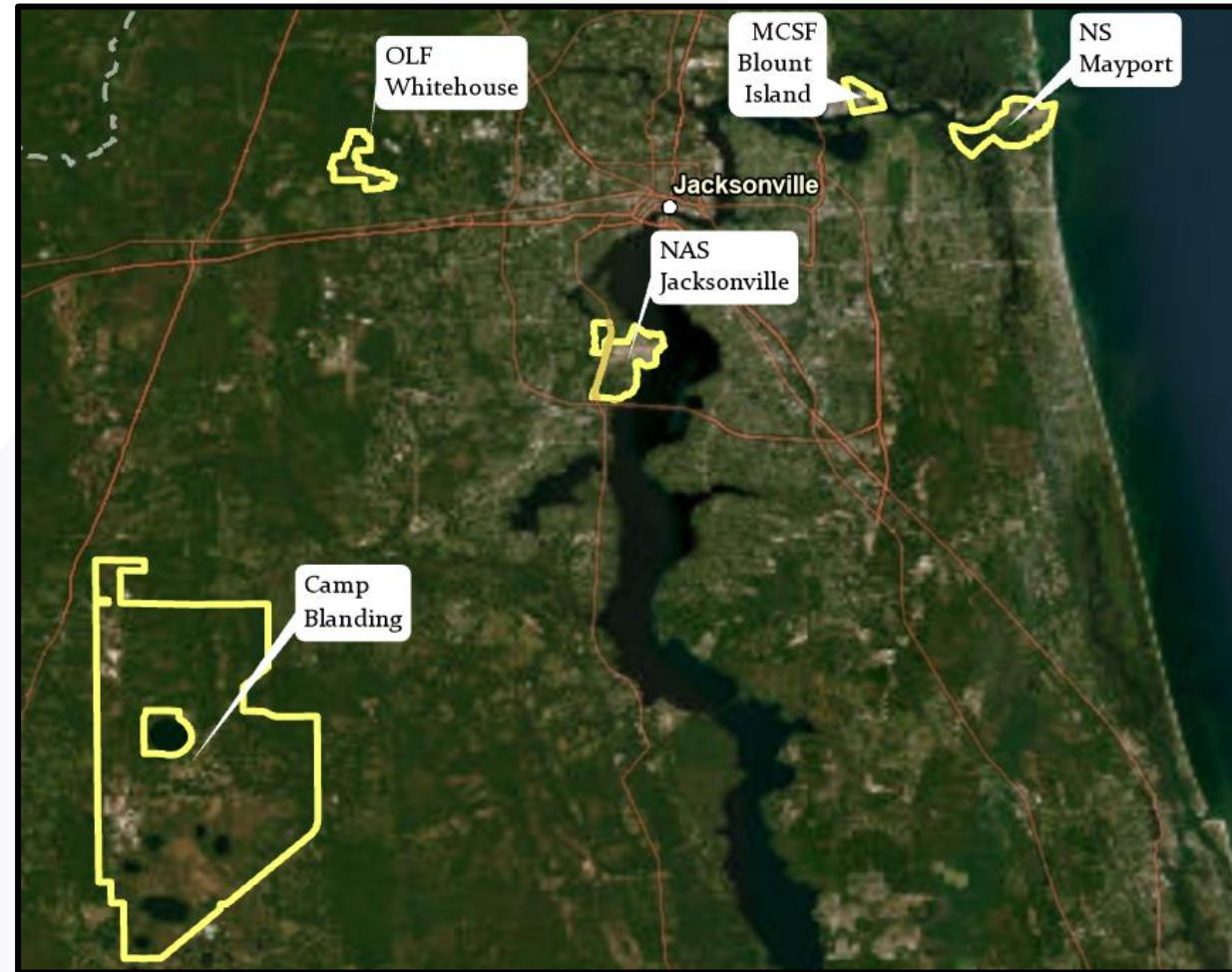
Installations

Naval Air Station Jacksonville

Naval Station Mayport

Camp Blanding Joint Training
Center Florida National Guard

Marine Corps Support Facility
Blount Island



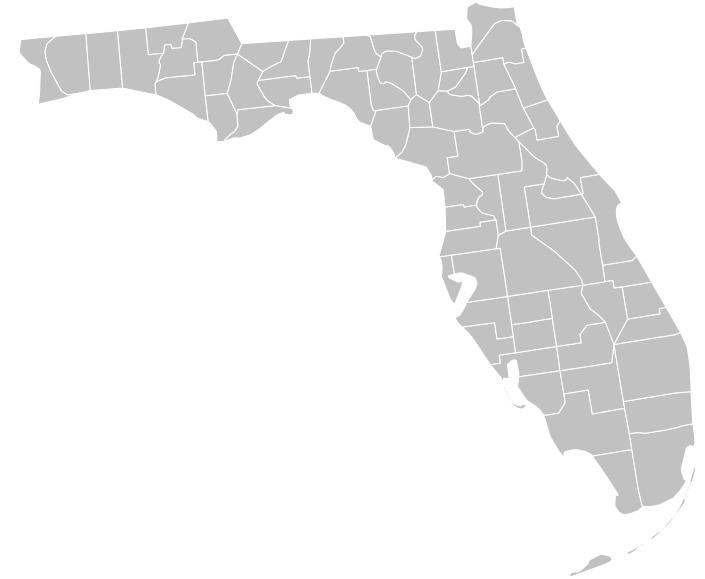
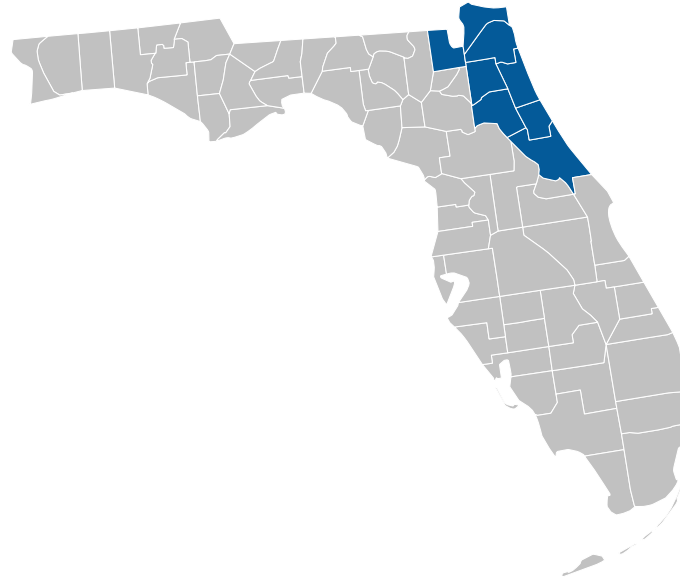
Defense Economy



~20th



~5th



~\$102.6 Billion
~865,937 Jobs

Florida Robust MIRR Architecture

Leverages Regional Planning Councils



SFOMF / USAG-M/SOUTHCOM /
HARB / NAS-KW

Region
Completed



MacDill



NAS P-cola / NAS Whiting Field / Hurlburt AFB/
Eglin AFB/ NSA Panama City / Tyndall AFB

Installation
In Progress



Patrick SFB / Cape Canaveral SFS / NSA Orlando-
NAWCTSD / NOTU / NSWC STAFAC / Army
Transportation Cmd / USCG

Regional
In Progress

Installation
In Progress

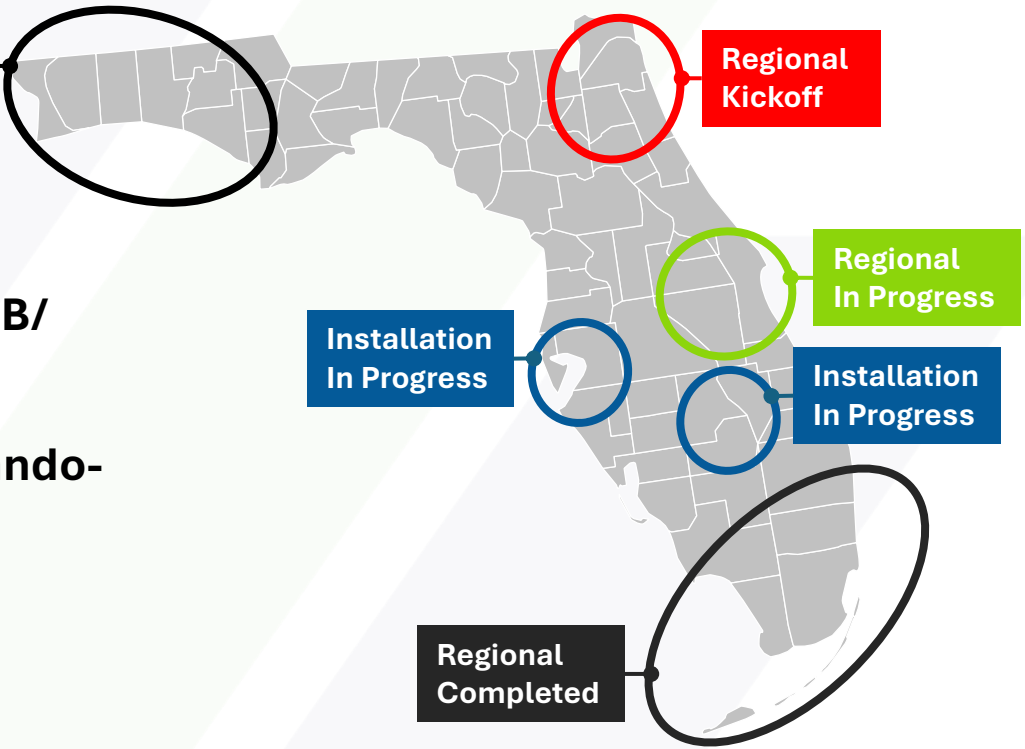


APAFR

Regional
Completed



NAS Jax / NAVSTA Mayport / Blount Island / Camp
Blanding





Congressional Direction

A few highlights:

FY18 NDAA

- Recognition of climate change problem
- Directed to identify *Top-10* challenged sites

FY19 NDAA

- Resilience formally includes climate changes
- Climate change in UFC
- Floodplain requirements
- Installation Master Plan changes
- Various new spending authorities to support

FY20 NDAA

- Directs installation resilience plans
- Improved building codes (UFC)
- Floodplain / sea-level rise linkage and restrictions
- Increased funding authorities

FY21 NDAA

- Update climate change adaptation roadmap
- Improve installation water management
- Perform USCG vulnerability assessment
- COCOM installation climate risk assessment
- Increased funding authorities

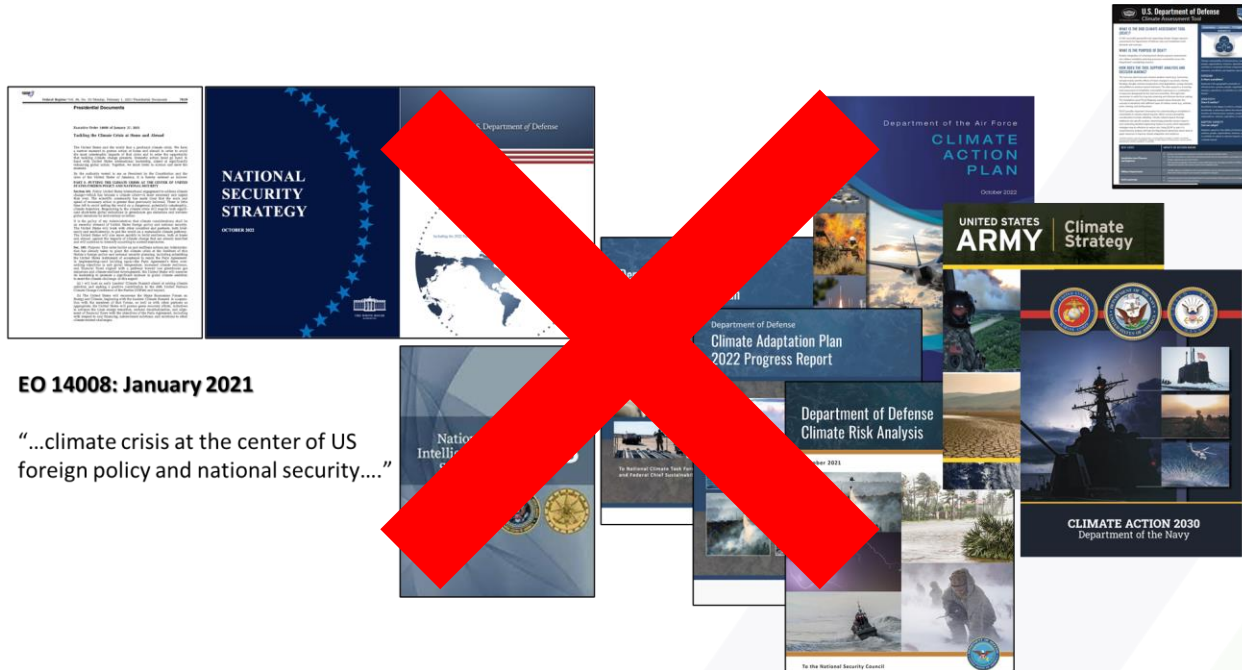
FY 22 & 23 NDAAs

- Continue to shift to greater authorities to address resilience concerns

FY 24 NDAA

- Energy Resilience and Conservation Investment Program (ERCIP)
- Climate-Informed Infrastructure Projects
- Disaster Recovery Support
- Climate Adaptation Planning

Strategic Direction



EO 14008: January 2021

“...climate crisis at the center of US foreign policy and national security...”

SECDEF

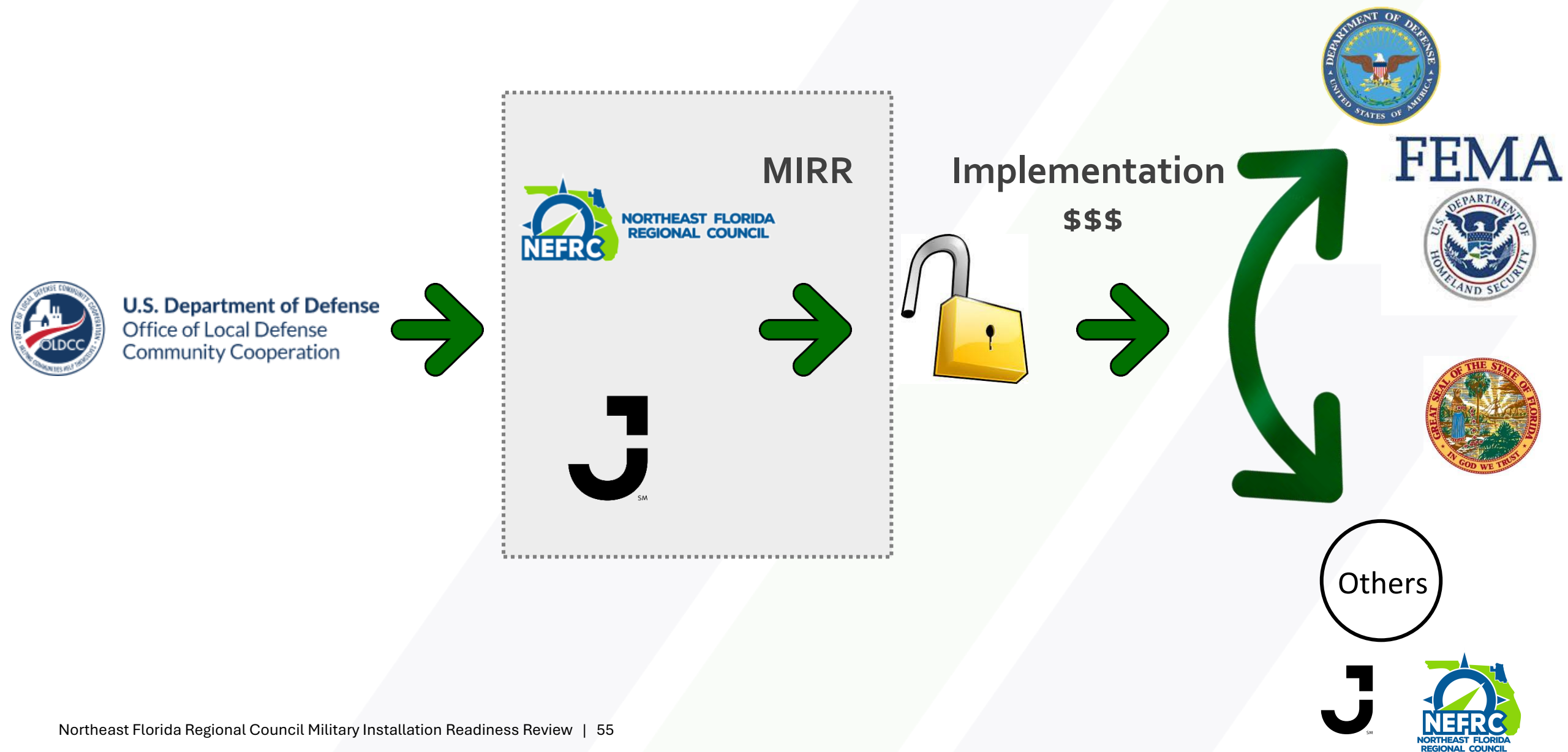
DoD

“...does not do climate change ----
....”

Strategic Value

**MIRR =
Readiness =
Mission Assurance**

Pathway to Implementation



Northeast Florida Military Installation Readiness Review (MIRR)

- The Office of Local Defense Community Cooperation furthers the priorities of the National Defense Strategy through technical and financial assistance to states, counties, municipalities, regions, and other communities.
- This assistance is designed to foster cooperation with military installations to enhance the military mission, achieve facility and infrastructure savings, reduced operating costs, address encroachment and compatible land use issues, support military families, and increase military, civilian, and industrial capabilities for our national security.
- The Installation Readiness program helps states and communities work with local military installations to address civilian encroachment or threats to installation readiness that could impact the military's operations and mission.



FY21-FY21



Portsmouth Region:

- NMC Portsmouth
- Norfolk NSY



Project Timeline



YOUR ROLE

Technical Advisory & Steering Committees

Technical Advisory Committee

- **Mission:** To discuss relevant topics, provide expert opinion, follow up questions on assessment and adaptation, review preliminary findings and foster the identified outcomes toward implementation.

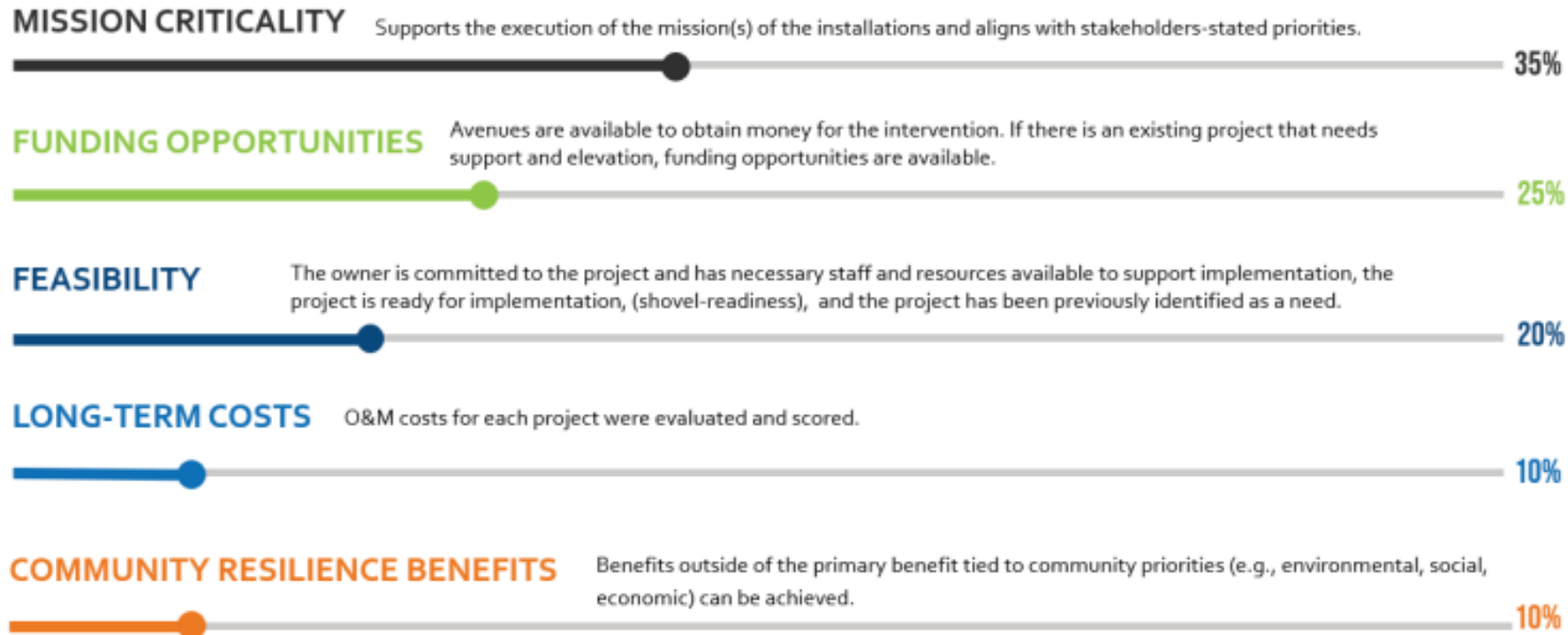
Steering Committee

- **Mission:** To build consensus and provide information and guidance based on local knowledge, historical context, and best available data on future conditions.



Outcomes of Others MIRRs

- South Florida identified 100 + adaptation projects/strategies
- Emerald Coast identified 52 adaptation projects/strategies
- Projects span all sectors
- Prioritization process

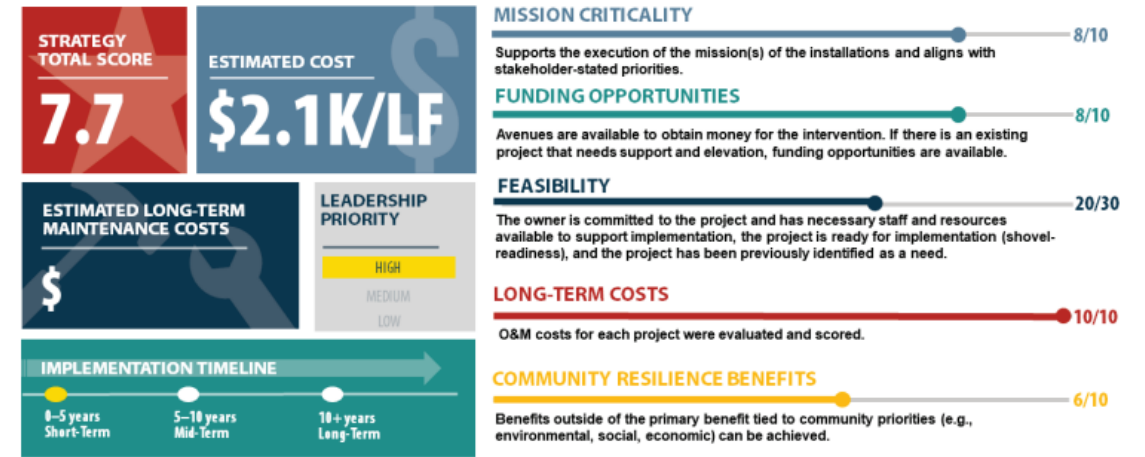


Outcomes of Others MIRRs

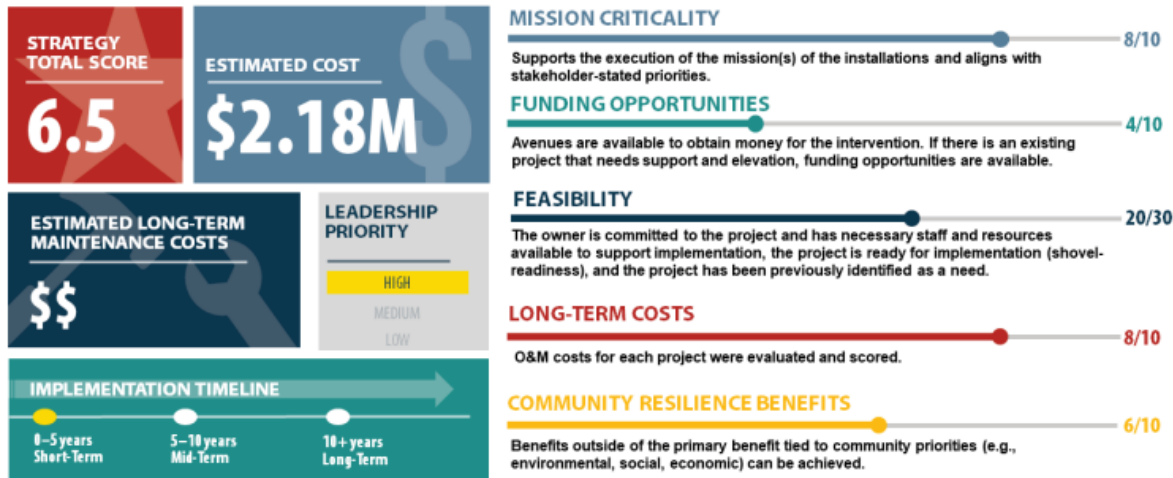
5.8.2 City of Mary Esther and Hurlburt Wastewater Conveyance



5.5.1 NAS Pensacola Shoreline Protection



5.6.3 Wildfire Mitigation



5.6.7 City of Milton Flood Mitigation

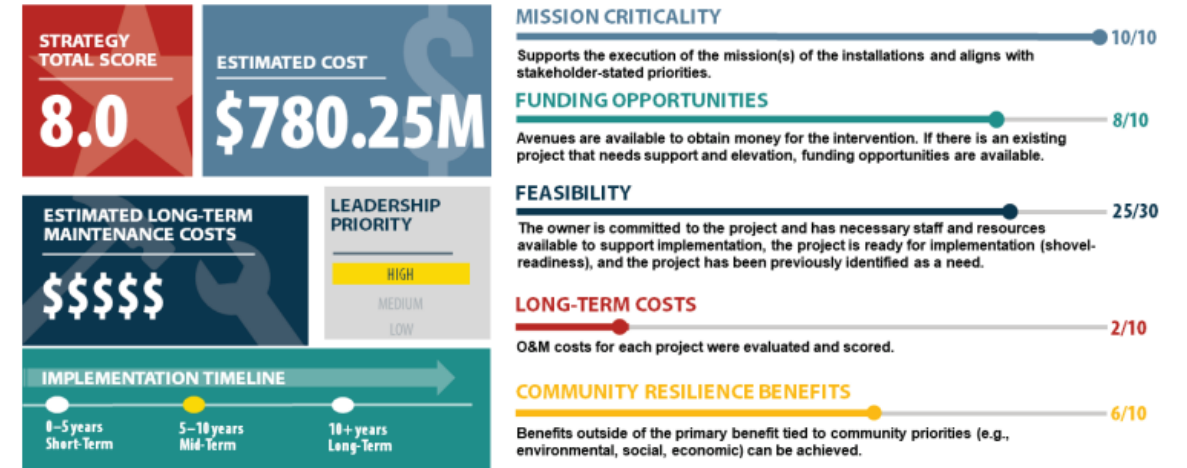


Outcomes of Others MIRRs

5.7.7 Eglin Orphan Parcel Master Plan



5.8.1 Highway 98 Congestion Relief Package



5.9.2 New North Water Treatment Plant



5.10.7 Tree Canopy Restoration



Break for Working Lunch

Top Shocks
and Stresses



Military installation resilience is defined in 10 U.S.C. § 101(e)(8) as:

“the capability of a military installation to avoid, prepare for, minimize the effect of, adapt to, and recover from extreme weather events, or from anticipated or unanticipated changes in environmental conditions, that do, or have the potential to, adversely affect the military installation or essential transportation, logistical, or other necessary resources outside of the military installation that are necessary in order to maintain, improve, or rapidly reestablish installation mission assurance and mission essential functions.”

What are Shocks and Stressors?

- **Shocks** – Sudden, disruptive, often unexpected, events or disturbances that can significantly impact a system, community, individual, or organization. These events can cause immediate stress or damage, requiring rapid and adaptive response to maintain or restore function
 - e.g. Hurricanes, wildfires, infrastructure failure
- **Stressors** – On-going or long-term pressures that gradually strain a system, individual, organization, or community over time. These are chronic, persistent and may build up slowly, potentially weakening resilience if not addressed.
 - e.g. Shoreline changes, aging infrastructure, traffic congestion

Resilience Rapid Fire: Top Shocks & Stressors

What Keeps You Up at Night?



Sea Level Rise / Flooding



Storms / Wind Damage



Utility Reliability / Demand



Personnel Retention



Increasing Heat



Drought / Wildfire



Encroachment / Security



Development



Supply Chain



Transportation



Natural Resources



Others?

Closing Remarks

Next Steps

- Data collection
- Policy Committee
- Technical Advisory Committee
- Site visits





Northeast Florida Regional Council
Military Installation Readiness Review

Thank You

April 22, 2025



Jacobs

Group Photo

