



Avon Park Air Force Range



U.S. AIR FORCE

**Lt Col Kevin “Keller” Beeker
Detachment 1, 23d
Fighter Group**



Avon Park Air Force Range (APAFR)



APAFR Mission:

Provide a sustainable, world-class training complex focused on advanced, realistic and relevant training for joint, interagency, and multinational partners and excelling in air-ground integration.





Jan 2015

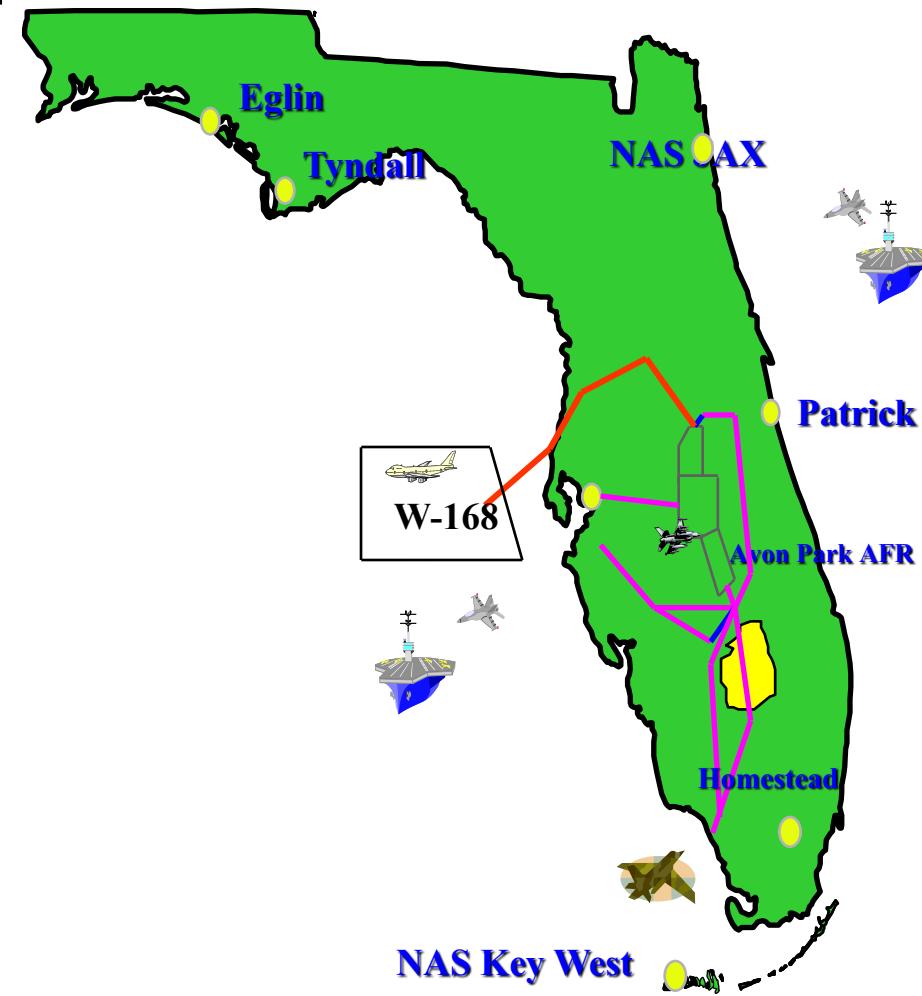


Range. The pilots are in the final stages of their training and will soon be attached to an aircraft



Unique capability

- Largest Training Complex East of the Mississippi
 - 106,000+ Acre Day/Night Training Range
 - Small Arms Range
 - 13 Low-level Military Training Routes
 - 7 Air Refueling Tracks
 - 7 Military Operation Areas
 - 189 sq. miles of restricted airspace
- W-168 airspace 8000+ sq miles
- Air-to-Ground Focus
- Flexible Training Environment/Facilities
- Uncontrolled airfield in restricted airspace





MacDill Deployed Unit Complex





Cost Comparison

■ Fighter Sq Deployment

12 A/C- 200 personnel- 2 wks

■ MacDill AFB

- Off-base billeting **\$250- 322k**
- On-base billeting **\$168k**

■ Avon Park

- Troop Camp **\$20-40k (shower trailers/port-a-john rentals)**





Facilities





Airfield







DANGER
BOMBING RANGE

DO NOT ENTER DAY OR NIGHT
ACTIVE AERIAL BOMBING AND GUNNERY RANGE









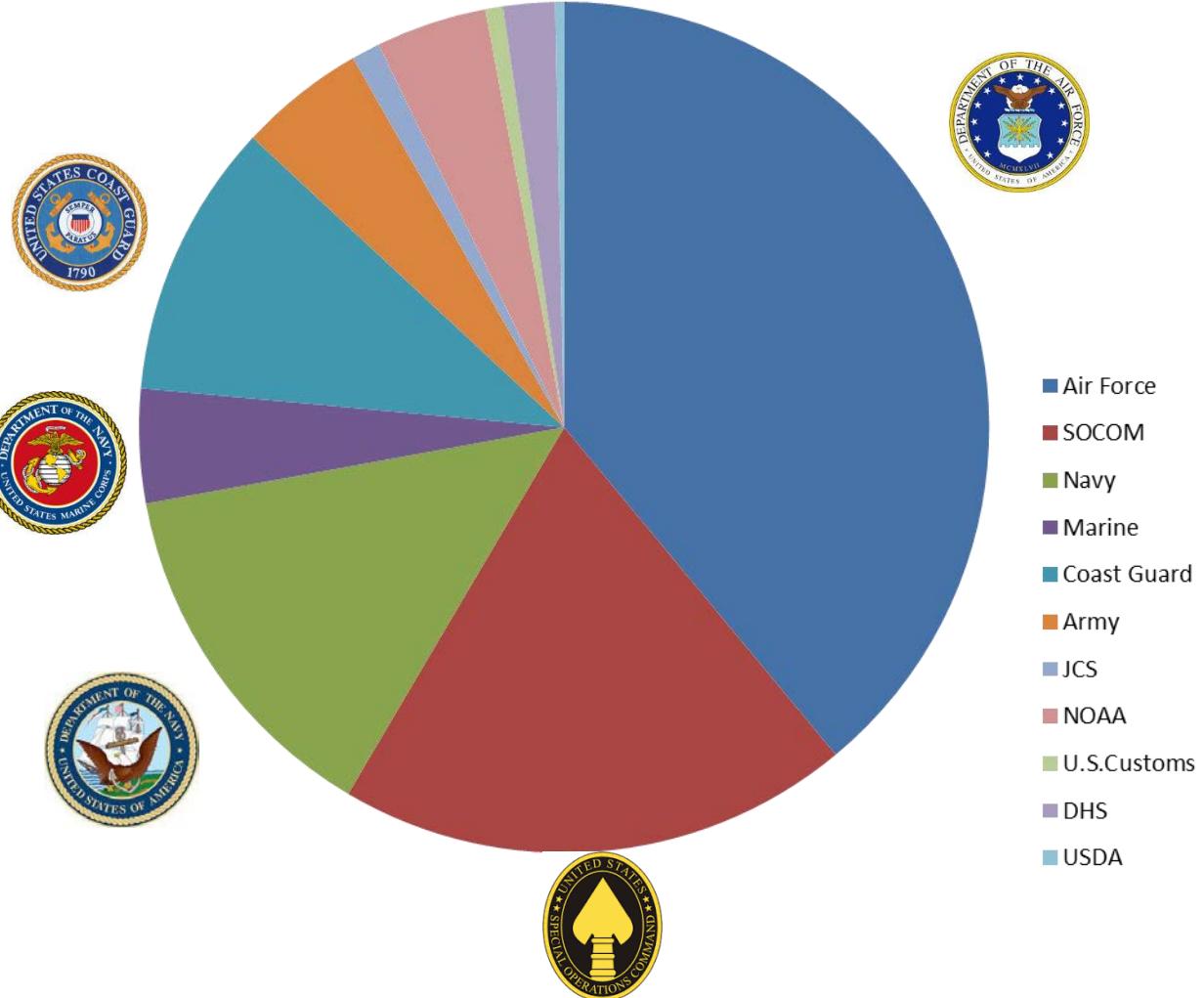


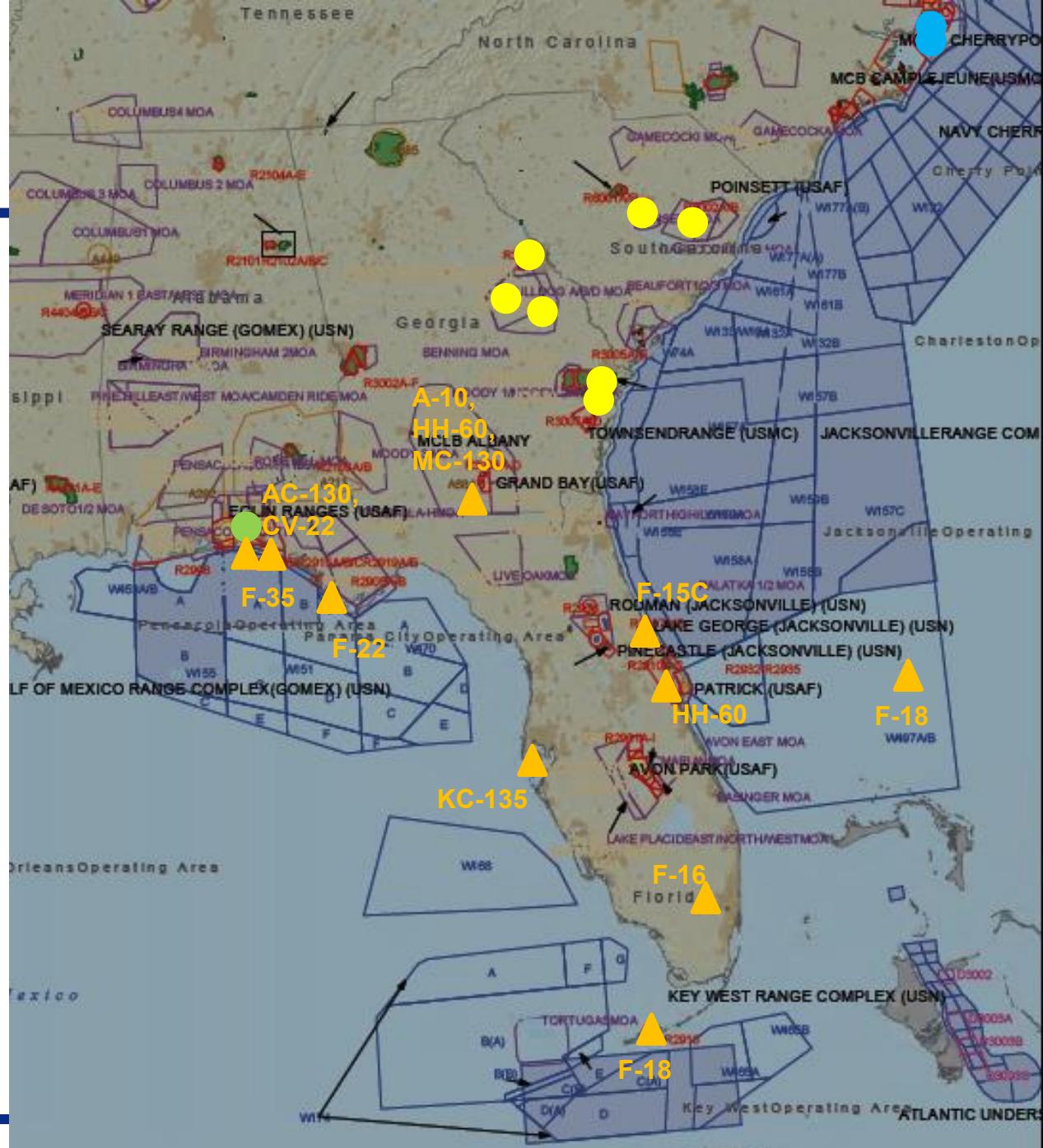


Avon Park Air Force Range (APAFR)



Branch	Scheduled Hours (YTD)	Percentage
Air Force	2069	35.97%
SOCOM	1135	19.73%
Navy	813.5	14.14%
Marine	215.5	3.75%
Coast Guard	577	10.03%
Army	438	7.61%
JCS	53	0.92%
NOAA	244	4.24%
U.S. Customs	33	0.57%
DHS	158	2.75%
USDA	16.5	0.29%







EW training initiatives

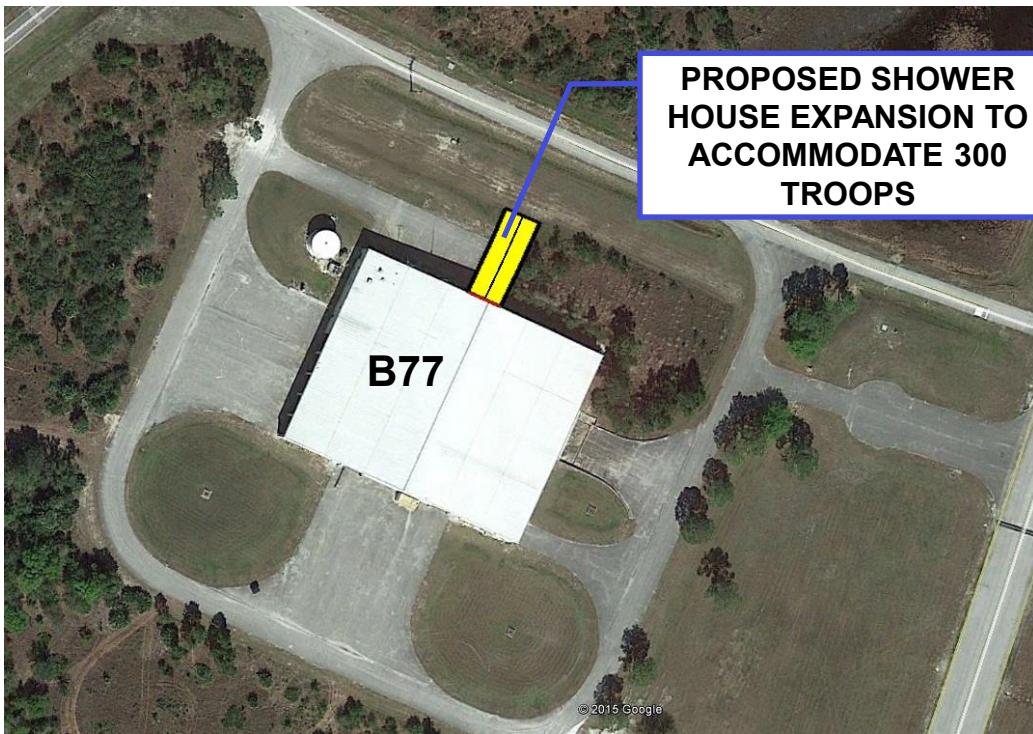
- **Tactical Radar Threat Generator (TRTG)**
 - AAA, SA-8 low fidelity threat
 - Shared resource between Grand Bay Range and APAFR
- **Joint Threat Emitter (JTE)**
 - SA-2, SA-3, SA-6, AAA, SA-13
 - High fidelity, reactive
 - \$10M initial cost / \$3M annual
- **Multiple Threat Emitter System (MUTES)**
Mini MUTES
 - AAA, SA-1, SA-2, SA-3
 - SA-4, SA-5, SA-6, SA-8
 - IFF tracker, Manpower intensive





Range Improvements

- BLDG 77- Warehouse- Retain flexibility, add capacity to support 300
 - Shower House Addition \$700k
 - Open Bay Partitions \$35k
 - New Furnishings (Beds and Mattresses) \$210k





APAFR Threats

“So when you are a force based on technology and high-end training, and you need that to be successful across your mission areas, you've got to invest in that infrastructure. **We have not had the resources to fully invest in that infrastructure for the last 20 years.** As a result that infrastructure has declined.” - **Chief of Staff USAF General Welsh, Sep 29th in Air Force Times**

Training lacks relevancy





Summary

- Avon Park Air Force Range offers world-class training to all Services and Coalition Partners
 - Established destination supporting Florida and national training requirements
 - Integrally linked to Florida bases and units
 - Future is:
 - Increased integration of Florida training space- air and ground
 - Meshed unit training requirements
 - Founded upon support infrastructure which reinforces relevant and realistic training



Questions?





FLORIDA
DEPARTMENT *of*
ECONOMIC
OPPORTUNITY

Implementation of SB 1784 Non-Conservation Encroachment Buffers for Military Installations



Military Base Protection Program

- MBPP now includes the securing of non-conservation lands to serve as a buffer to protect military installations against encroachment
- “non-conservation lands” are defined as lands that are not subject to acquisition by the Florida Forever Program



Process

- DEO to submit an annual list to the Board to acquire non-conservation lands
- Directs the Board of Trustees to consider the recommendations of the Florida Defense Support Task Force in making determinations to acquire non-conservation lands



Timeline

- July 1, 2013 SB 1784 went into effect
- July 2013 DEO sent letter to all major military installations soliciting information
- August 2013 all information received
- September – October input from FDSTF
- October 2013 have input from FDSTF
- 2013-2014 Session FDSTF works to obtain funding
- July 2014 Division of State Lands to begin acquisition



Identified Non Conservation Encroachment Threats

- 64 sites identified totaling over 3,600 acres
- Air Force
 - **39 sites totaling 693 acres**
- Navy
 - **29 sites totaling 310 acres**
- National Guard
 - **2 sites totaling 2,653 acres**

Types of Encroachment

- Residential Development in Clear Zone, Accident Potential Zones, or within 65dB and above noise contour line
- Sites exempted from local government AICUZ Ordinance
- Proximity to existing and proposed artillery ranges



Air Force

- Eglin Air Force Base and Hurlburt Field
 - **2 sites totaling 6 acres**
- Homestead Air Reserve Base
 - **31 sites totaling 629 acres**
- MacDill Air Force Base
 - **4 sites totaling 28 acres**
- Tyndal Air Force Base
 - **2 sites totaling 31 acres**
- No response from Avon Park Air Range or Patrick Air Force Base



Navy

- Naval Air Station Key West
 - 2 sites totaling 130 acres
- Naval Support Activity Panama City
 - 1 site totaling 8 acres
- Naval Air Station Pensacola
 - 9 sites totaling 171.41 acres
- Naval Station Mayport
 - 11 sites totaling 11 acres
- No Response from Jacksonville Training Range Complex, NAS Jacksonville, or NAS Whiting Field



Army National Guard

- Camp Blanding
 - 2 sites totaling 2653 acres



DEO Ranking

- Existing land use restrictions
- Existing development on site
- Redevelopment potential
- Ownership
- Identified encroachment threat
- Short Term vs. Long Term



DEO Ranking – Short Term

- Tier 1
 - **High likelihood of development incompatible with Clear Zone or Accident Potential Zone 1**
 - **Approved development with potential to impact overall base mission**
 - **No existing restrictions on development to reduce encroachment/safety risk**



DEO Ranking – Long Term

- Tier 2
 - Existing development within Clear Zone or Accident Potential Zones with low likelihood of redevelopment
- Tier 3
 - Existing restrictive easements on properties
 - Currently compatible land use and zoning on property



Tier 1

- MacDill AFB - Florida Rock Property
- NSA Panama City - Barefoot Palms Property
- NS Mayport - JaxPort Properties



Tier 2

- Eglin AFB – Clear Zone Properties in Valparaiso
- NAS Pensacola – APZ1 Properties
- Homestead ARB – Homestead Park of Commerce, Homestead Housing Authority



Tier 3

- Camp Blanding – Rayonier sites
- MacDill AFB – Frontgate, Three C SAC Self Storage, and Zons Property
- NAS Key West – Sub Pens and Gulf Seafood
- Tyndall AFB – Long Point Cove and Tyndall Sunset Properties





Economic Development Council
of Okaloosa County, Florida

Tri-County Community Partnership Initiative Update

Nathan Sparks, CEcD, Executive Director

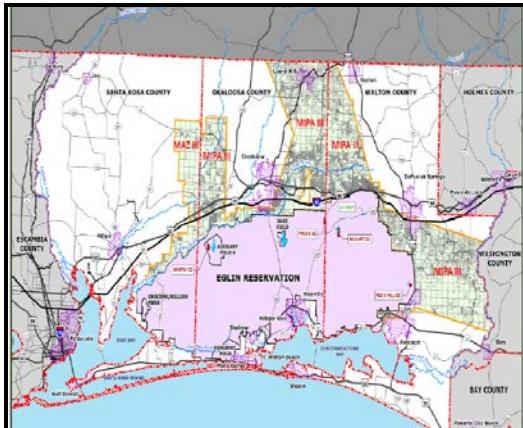
Sal Nodjomian, PE, Consultant

Shared Environment

- Reduced budgets and fiscal challenges
- Manpower cuts, hiring freezes, realignments
- Force structure changes and defense industry reductions
- Reduce net costs
- Innovative partnerships – sparked by economic realities and new legislation
- Need to make every dollar count; provide quality services; and, spread risk and share value



Partnership Objectives



- Reduce costs – operations, maintenance, utilities, etc.
- Improve service delivery—quantity and quality
- Sustain and/or enhance operational capabilities
- Increase resilience and long-term sustainability
- Strengthen base and community relationships
- Retain and/or expand employment opportunities
- Export (and import) concepts to (and from) other communities

History of Partnerships

- Air Armament Museum – EUL/MOU/MOA
- Mid-Bay Bridge Authority – Easement
- Okaloosa Regional Airport– Lease/EUL
- Educational Partnerships – Education Contract
- Arbennie Pritchett Water Reclamation Facility – EUL
- UF Research Engineering Education Facility – Lease/EUL
- Emerald Breeze – Hotel EUL
- Housing Privatization

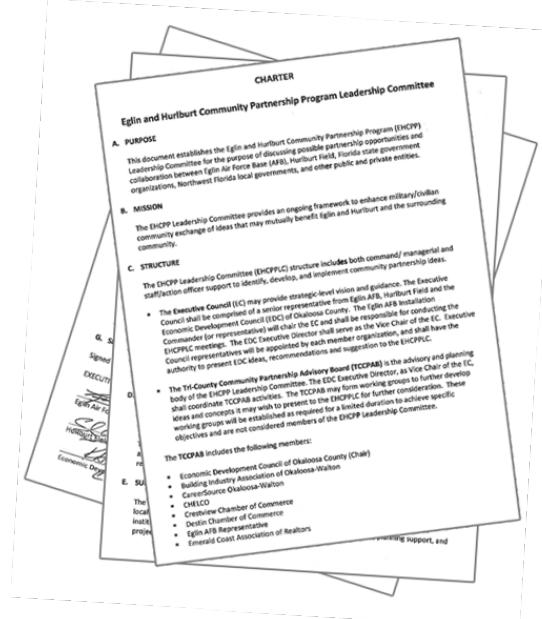


Round 1 Partnership Initiatives

#	Partnership	Status
1	Eglin AFB Concrete Materials to Build Artificial Reefs	Active
2	Solid Waste Collection on Eglin AFB Beach Property	Quick Win
3	Supplemental Reclaimed Water Main for Sustainability	Active
4	Eglin Energy Resource and Innovation Partnership	Active
5	Employment and Transition Across the Military Life-Cycle	Active
6	Continuing Education for Medical and Allied Health Professionals	Active
7	Expanded Access to Veteran Medical Services	Active
8	Shared Recreation Facilities and Programs: Eglin AFB Pool Use by Community Swim Teams	Modified
9	Joint K-9 Training Facility	Deferred

Eglin Hurlburt Community Partnership Program

- Establishes partnerships and collaboration between Eglin AFB, Hurlburt Field, multiple local governments, and other public and private entities
 - Provides ongoing framework to exchange ideas mutually beneficial to military and community
 - Leadership Committee
 - Eglin and Hurlburt Installation CCs and EDC Exec Director
 - Strategic-level vision and guidance
 - Advisory Board
 - Led by EDC Exec Director
 - Advisory/Planning Body
 - Forms/manages working groups to further develop ideas/concepts



Potential Partnership Initiatives



- Partnership for clean fuels – CNG station on AF Land; partner with bases, counties, cities, utilities, industry
- Bulk Purchase – partner with bases, counties, cities, industry
- Training Certification – partner with bases, colleges/universities, CareerSource, industry
- Re-purposing material for artificial reefs
- Cooperative Transit – partner with bases, counties, cities, industry
- Enhanced Use Lease – excess facility capacity; “joint” funded multi-use facility; Advanced Energy Technology Center (AETC) and Autonomous Vehicle Center (AVC)

Spreading the Word

EDC
Economic Development Council
of Okaloosa County, Florida

Key Milestones

- April 2014 Eglin Starts Air Force-Led Community Partnership Initiative
- May 2014 EDC Gets State Grant to Start TCPI
- May - October 2014 Air Force-Led TCPI Advance Business Partnership Initiatives
- November 2014 CPB Becomes Community Partnership Program (CPP)
- February 2015 Signed Charter Creating the Eglin and Hardin Community Partnership Program Leadership Committee
- Spring 2015 Working Groups Advance Second Set of Partnership Initiatives
- Institutionalization Partnership Concepts

What is the Community Partnership Program?
The Community Partnership Program is a framework through which military installation, civic, and business leaders collaborate to develop creative ways to leverage respective capabilities and resources to reduce operating costs, increase capabilities, or improve processes. Most successful programs are executed through regular meetings and workshops where stakeholders work together to identify potential partnership opportunities and develop a shared understanding.

What Does it Take to Create a Successful Partnership Initiative?
There are many factors contributing to successful partnership initiatives, including: resources available to various stakeholders; availability of contracting instruments; understanding of the legal framework; and commitment of personnel. In addition, critical tenets of a successful program include embracing the shared value concept, an environment that rewards the entrepreneurial spirit; and leaders empowering their teams to collaborate and cooperate on mutually beneficial solutions. There are dozens of examples of successful partnerships in municipal and social services, educational arenas, public safety, facility maintenance, energy and water infrastructure, and others. Some of the most valuable outcomes of a successful partnership initiative include improved communication, trust, and commitment between installation and community partners.

Tools For Success

- Enhanced Use Lease (EUL) - A partnership between the DOD and public entities or private developers to create mutually beneficial commercial projects on non-excess DOD real estate.
- Memorandum of Understanding or Agreement (MOU / MOA) - A bilateral or multilateral agreement between two or more parties. It expresses a convergence of will between the parties, indicating an intended common line of action.
- NDAA Section 351 - Legislative authority allowing the DOD to enter into an ICSA with state or local governments for the procurement of installation support services.
- Overlease - A grant of interest or rights to use government real property by a lease, assignment, license, or permit.
- Utility Service Contracts - Tools to help Federal facilities contract for a broad array of energy conservation, renewable energy, and metering services from local utilities.

Key Terms:

CPI - Community Partnership Initiative	IISA - Intergovernmental Support Agreement
CPP - Community Partnership Program	PP - Public-Private / Public-Private Partnership
EDC - Economic Development Council	TCPI - Tri-County Partnership Initiative

www.floridapartnerships.com

- Local engagement
 - Regular meetings
 - Community Leader TCPI Forum
- National engagement
 - Association of Defense Communities (ADC) Installation Innovation Forum
 - Showcased TCPI program
- “Marketing” brochure
- TCPI “champions”
- Website

Spreading the Word

- ▶ www.floridapartnerships.com

The screenshot shows a web browser window displaying the homepage of www.floridapartnerships.com. The page features a navigation menu with links to Home, About, Initiatives, Emerging Initiatives, Contact, Additional Info, and Disclaimer. A social media sidebar on the left includes icons for Facebook, Twitter, Email, and a Plus sign. The main content area features a large orange header "Tri-County Partnership Initiative" and a sub-header "Leveraging military installation and local community capabilities and resources to reduce costs or risks by finding shared values." Below this is the logo for the Economic Development Council of Okaloosa County, Florida, which consists of a stylized 'EDC' monogram with green, yellow, and blue elements. To the right of the logo is a "What's New..." section announcing the next meeting date. At the bottom, there is a photograph of two men signing documents and a descriptive text block about a partnership declaration.

Home X

www.floridapartnerships.com

HOME ABOUT INITIATIVES EMERGING INITIATIVES CONTACT ADDITIONAL INFO DISCLAIMER

Tri-County Partnership Initiative

Leveraging military installation and local community capabilities and resources to reduce costs or risks by finding shared values.

EDC
Economic Development Council
of Okaloosa County, Florida

What's New...Next TCPI meeting is Monday, April 6th, 1500hrs at NWFSC

Nathan Boyles, Commissioner, District 3, Okaloosa County and Brig. Gen. David Harris, 96th Test Wing commander, sign a artificial reef initiative declaration during a Community Partnership Program meeting Oct. 1, 2014 at Northwest Florida State College. The community and Eglin Air Force Base began the formal Air Force program in April 2014 to formalize partnerships between senior base leaders and community counterparts.
(U.S. Air Force photo/Chrissy Cuttita)

Links > 3:13 PM 4/8/2015



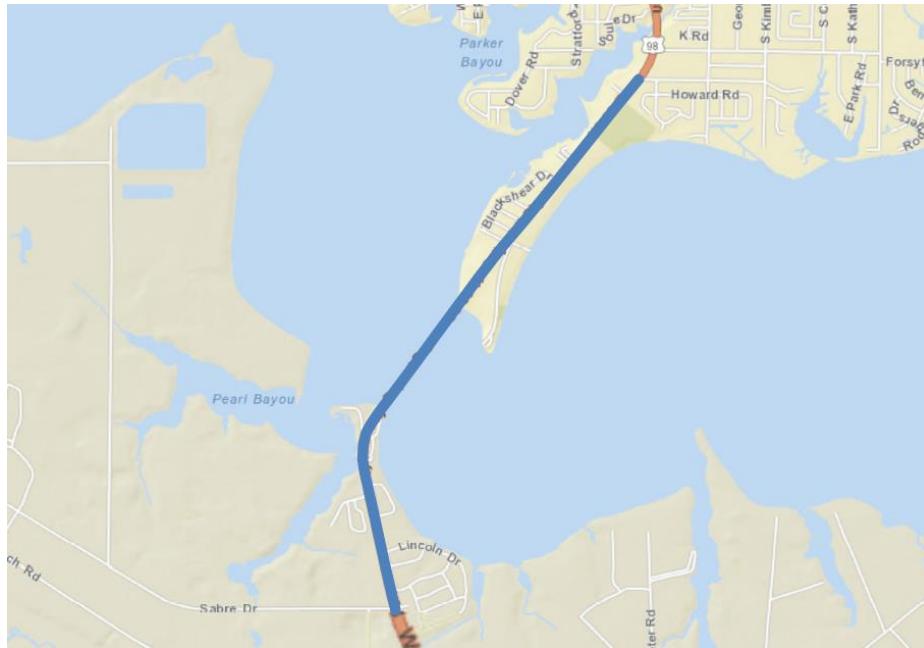
Lessons Learned

- “No plan survives first contact with the enemy”
 - Von Moltke (the Elder)
- General road blocks: contracting, legal, base access, personnel turnover, lack of knowledge and business acumen
- Much easier to say “no”
- It’s all about the people
- Value of battle rhythm
- Success breeds success

Discussion

Intelligent Transportation System

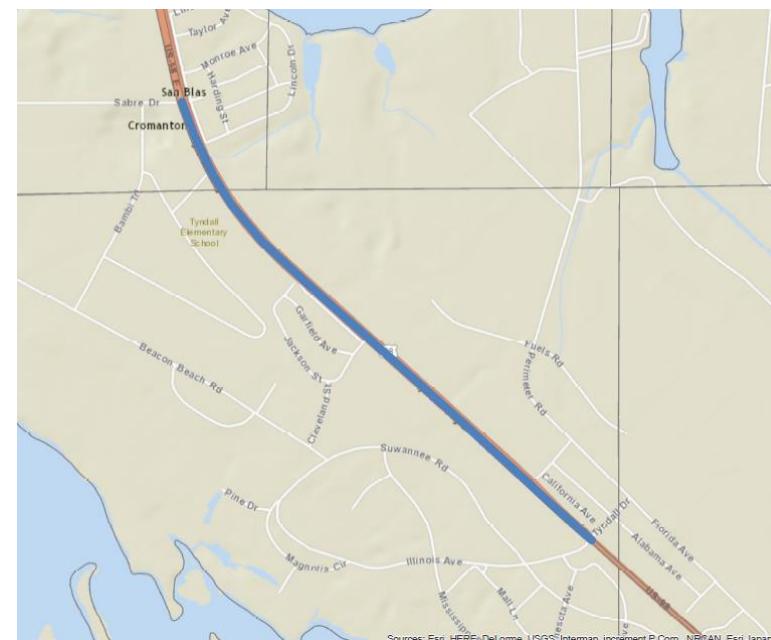
Expansion to Tyndall AFB Phase II and Phase III



Phase II



Phase III



- Reduced stops and delays for vehicles entering a leaving Tyndall AFB
- Enhanced disaster response and evacuation for Tyndall AFB
- Active monitoring and management of congestion on US 98 at the Tyndall AFB gates
 - Resulting in up to a 20% reduction in delay times



FLORIDA DEFENSE SUPPORT TASK FORCE

Installation Encroachment Acquisition

Installation Encroachment Acquisition: \$892,000

This project will purchase 420 acres adjacent to Camp Blanding Joint Training Center (CBJTC) and the Keystone Heights Airport in Clay County, FL to buffer CBJTC from incompatible land development and encroachment, by using matching funds from the Florida Defense Support Task Force and the Saint Johns River Water Management District. The development pressure from Keystone Heights and surrounding areas has prompted CBJTC to make the western side of the installation the highest priority for protection from development encroachment.

FLORIDA SUPPORT DEFENSE TASK FORCE

PURPOSE

This project will provide funding for the acquisition of additional buffer land adjacent to the western border of Camp Blanding Joint Training Center.

The objective of this project is to leverage Federal Readiness and Environmental Protection Integration Program (REPI) dollars combined with FDSTF Grant funding to purchase the identified 420 acres. This will buffer the installation from future development and encroachment. The SJRWMD have indicated their willingness to handle the specifics of the sale including the appraisals and contract negotiations.

FLORIDA SUPPORT DEFENSE TASK FORCE

CRITERIA

This project directly supports the FDSTF mission, as described in F.S. 288.987, by preserving, protecting, and enhancing Florida's military installations and to improve the state's military friendly environment for service members that bring military and base related jobs to the state. The buffer will serve as protection from future development related land use impacts to the military installation as well as establishing an expanded buffer around Camp Blanding that will ease strained relations with nearby residents thus improving the military friendly environment in Clay County. An additional benefit provided by a permanent buffer area adjacent to the border of the installation, is that it protects natural wetlands and State listed flora and fauna from development activities. The buffer also serves as protection from development related land use impacts to the military installation.

This parcel is not included in the current Florida Forever Program and would be acquired under non-conservation lands.

This project aligns with the Florida Defense Support Task Force's guiding principles (goals) as identified in the FDSTF Strategic Plan dated 7/19/13, to Identify, prioritize and address all current and potential base and range encroachment issues, including, but not limited to airspace and land use compatibility.

Additionally, in accordance with the SPECTRUM Group Assessment of CBJTC for the FDSTF (8/15/12), this project directly addresses an identified weakness in the SWOT analysis; potential encroachment in out years.

Finally, the FDSTF Strategic Plan long-term strategic goals for all military installations are addressed by promoting and growing Florida's military missions and installations; specifically, by providing support for the acquisition of land to prevent encroachment, preventing and mitigating encroachment affecting installations, ranges, and flight corridors. The buffer would also facilitate training capability growth within the current boundaries of the installation, as well as protect and safeguard current and future training operations at Camp Blanding.

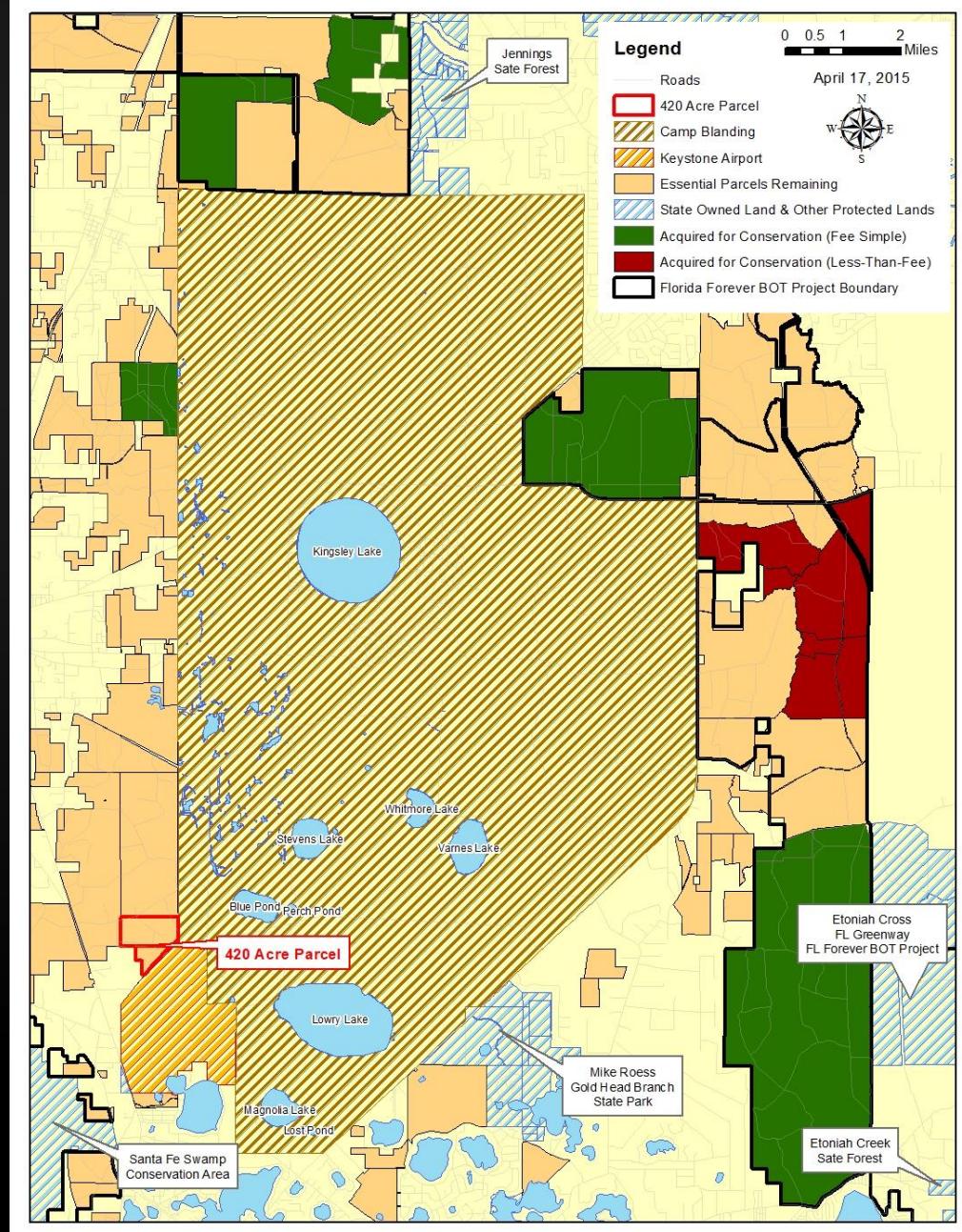
FLORIDA SUPPORT DEFENSE TASK FORCE

FUNDING REQUEST AND DELIVERABLES

\$892,000

Acquisition of 420 acres along the western boundary of Camp Blanding Joint Training Center.

\$400,000 of FSDTF Grant funding will be leveraged with \$492,000 of REPI funds, enabling the appraisal, surveying, and acquisition.



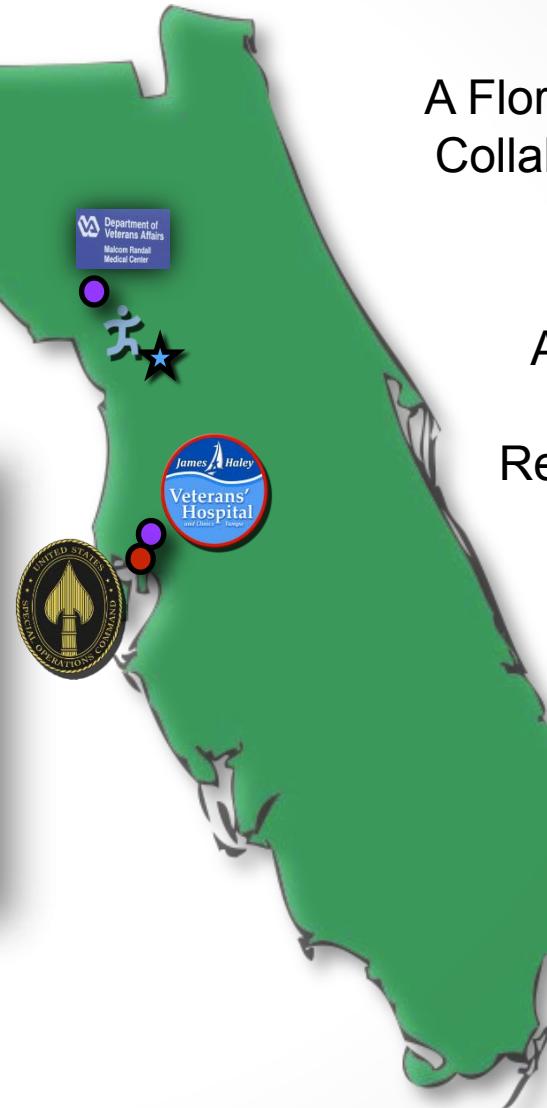
The Grasshopper

A Compact and Portable Robotic-based Readiness Enhancement and Rehabilitation Device for DoD Applications

Presentation to
Florida Defense Support Task Force
21 May 2015

The Grasshopper

Compact and Portable Readiness Enhancement & Rehabilitation Device

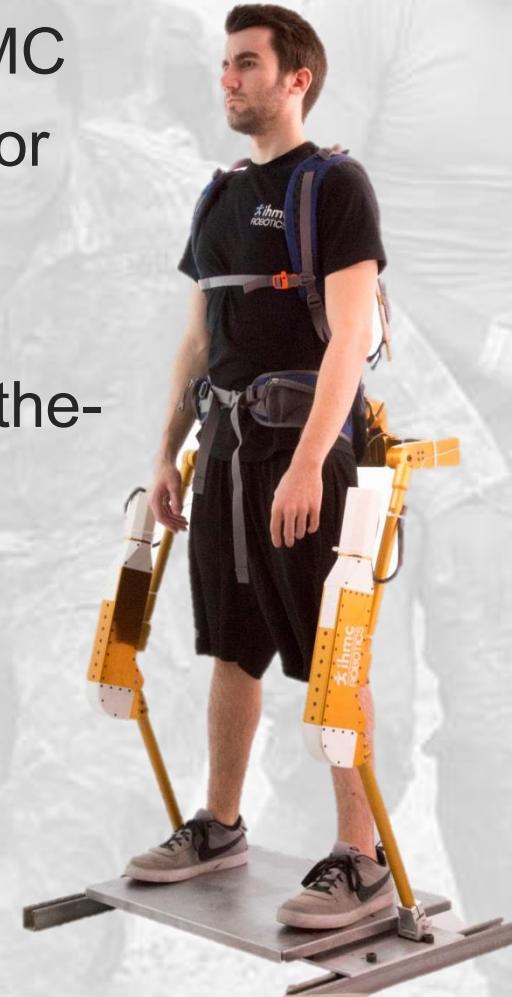


A Florida-wide
Collaboration

An Opportunity to
Enhance DoD
Readiness in Florida

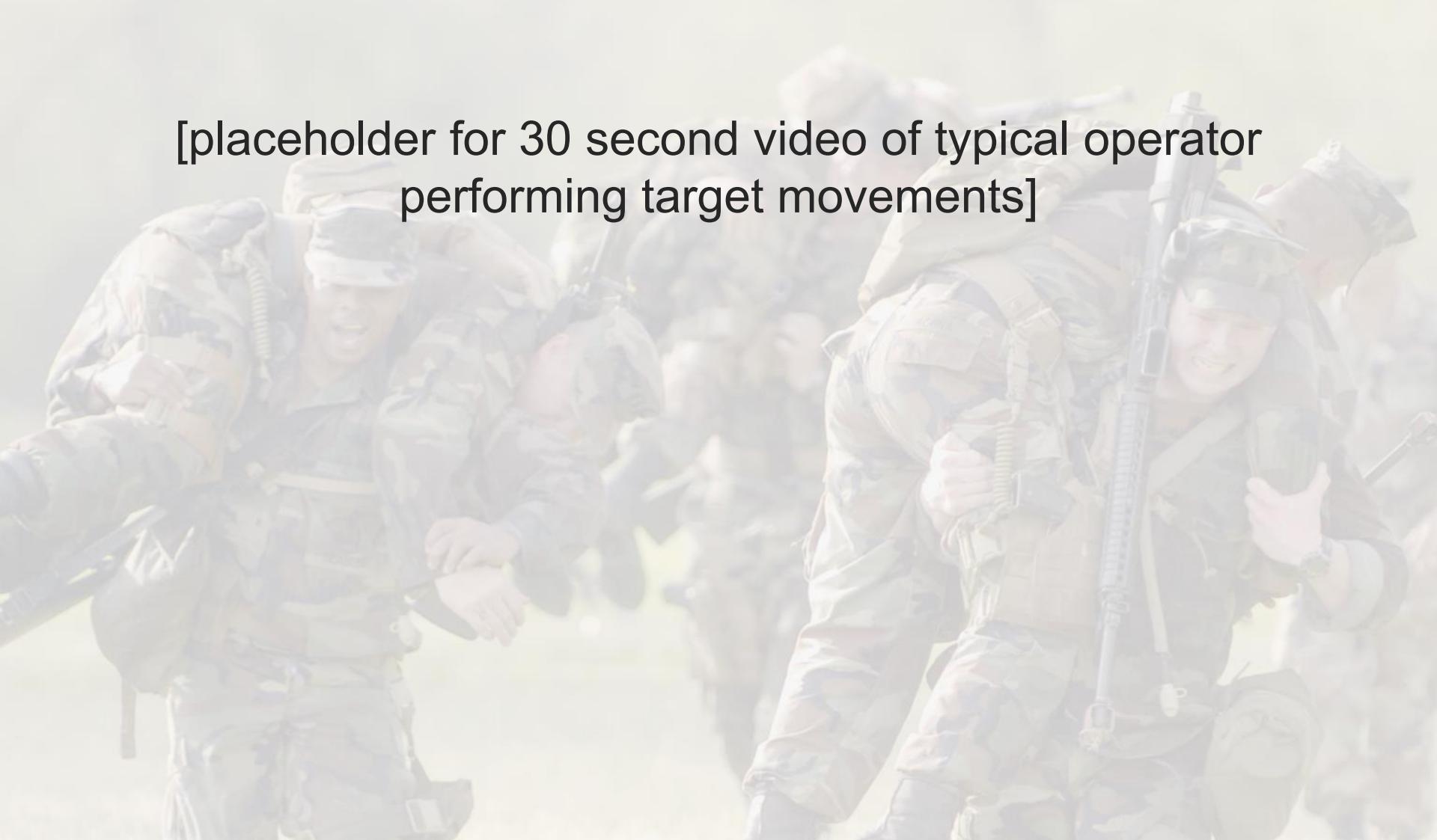
The Grasshopper

- Novel, multipurpose readiness and rehabilitation enhancement device designed & built by IHMC
- Conceived as a health maintenance device for astronauts on long duration space missions
- Compact and Lightweight, man-portable
- Applies load (force) to the user with state-of-the-art computer controlled robotic actuators
- Provides lower, upper, & full body anaerobic and aerobic exercises



Grasshopper Movements

[placeholder for 30 second video of typical operator performing target movements]



EXOS – HERITAGE & MILITARY COMMITMENT

EXOS TACTICAL – TO DATE

- + 60,000 United States SOCOM Personnel
- + Over 100,000 Navy sailors through our NOFFS program
- + Impacted 500+ wounded SOCOM Operators through The Comeback Initiative™



ENHANCING THE PERFORMANCE OF OUR NATION'S HEROES

Human Performance Solutions

- Human performance provider for U.S. Special Operations – Preservation of the Force & Family (POTFF)

Scalable Systems / Force Multiplier

- Navy Operational Fitness & Fueling Systems (NOFFS) – Standardized Physical Fitness & Nutrition Program for the U.S. Navy

Accelerated Return to Duty

- The Comeback Initiative™ provides intensive rehabilitation and training services to injured soldiers, first aid responders, and law enforcement personnel.

Comeback Impact on Readiness

- Return to Duty Success Rate >90%
- Entry average FMS: 10.0
- Exit average FMS: 13.5
- Entry at risk FMS (13 or less): 405
- Exit at risk FMS (13 or less): 214
- Entry-Unable to perform FMS or component: 57
- Exit- Unable to perform FMS or component: 19

"EXOS enabled me to recover from injuries sustained in two roadside bomb blasts. Their staff provided me one-on-one attention and built a custom take-home workout program that has empowered me to reach a new level of performance. My experience with them has made a tremendous improvement in my physical ability and quality of life."

CPT Bruce Scullion (RET) US Army Special Forces

EXOS COLLABORATIONS— USER INTERFACE UPDATES & MOVEMENT QUALITY ANALYSIS

AUTONOMOUS & INDIVIDUALIZED

- + Warfighters are able to engage in a fully programmed training or rehabilitation specific experience that takes into consideration the warfighter's unique goals, movement patterns, and environment.
- + Individualized programming that considers movement quality, periodization, and performance parameters has been shown to enhance the performance and readiness of many types of operators – both healthy and wounded. The ability for the Hopper to create an individualized and yet autonomous program will ensure:
 - + Appropriate resistance
 - + Self-correcting movement patterns
 - + Pace/tempo/reps control

REHABILITATIVE EXPERIENCE

- + Unique techniques to elicit faster recovery and functional movement improvements in wounded warriors
 - + Range of motion
 - + Strength
 - + Stability
 - + Body awareness & balance

STUDY DESIGN – Investigating enhanced methodology for the warfighter

- + **PURPOSE** To evolve and validate the efficacy of the Hopper as a progressive and potentially more effective tool to enhance the readiness and overall performance of the warfighter – both healthy and wounded.
- + **AIM** Examine the movement quality of 4 key movements while using the Hopper compared to free weights and a range-limiting exercise equipment for return to duty strength training rehabilitation within the special operations population

MOVEMENT CAPABILITIES EXPLORATION

- + Identify the resistance modalities can be replicated and enhanced within the Hopper
- + Refine the inputs that can be used to control the resistance
 - + speed, position, heart rate, effort, movement, etc.

EXERCISE TESTING VARIABLES

- + Biomechanics
 - + Kinematics and kinetics through motion capture technology
- + Electrophysiology
 - + Muscle activation – surface electromyography (sEMG)
- + Neurophysiology
 - + Cognitive load – surface electroencephalography (sEEG)

*Florida Defense Support Task Force Grant
Program
FY 2015-2016*

**Feasibility Study For Proposed
Turning Basin At Naval Support
Activity Panama City**



Bay County

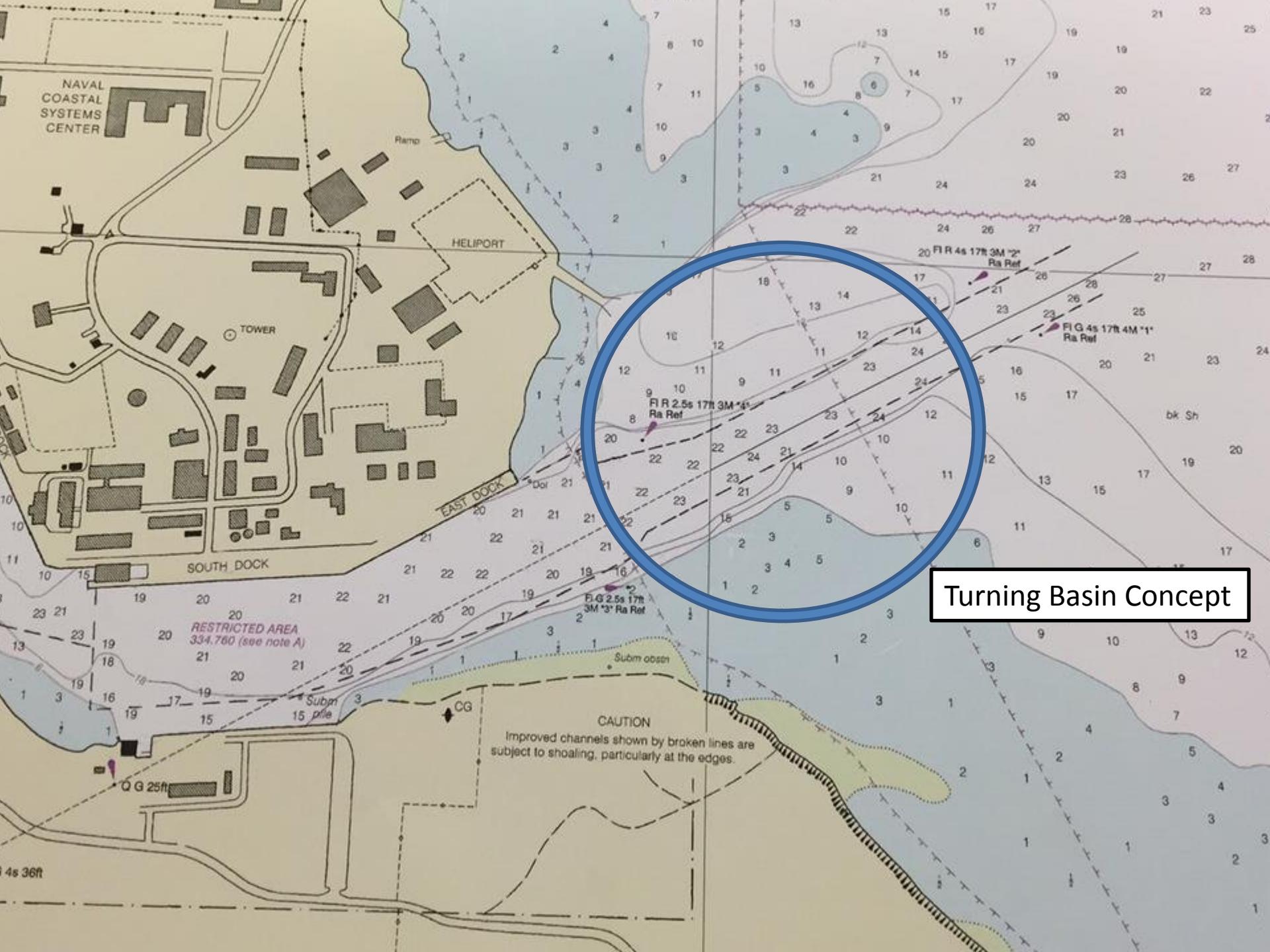


Current Situation

- Littoral Combat Ship (LCS) Mine Warfare Mission Package testing and evaluation conducted in Panama City Operating Area.
- LCS berth at NAS Pensacola due to narrow channel and lack of turning basin at NSA Panama City.
- Personnel and Support equipment must be relocated to NAS Pensacola during testing.

Project Objectives

- Create a design for a ship's turning basin, allowing for safe outbound transit.
- Conduct hydrographic and environmental analysis to determine feasibility.
- Conduct cost analysis to create new turning basin.



Project Benefit

- Shelf ready project able to execute when funding is available.

Once Constructed

- Significant savings to Navy in Time, Fuel Burn, Travel, and Equipment Staging.
- Use of tug services from Port of Panama City vice Mobile, AL.
- Multiple port visits by LCS during Testing and Evaluation Events.

Questions?





SAME SERVICE. DIFFERENT UNIFORM.

What is Operation Dispatch?

- Operation Dispatch is a service transition program created by Chief Financial Officer and State Fire Marshal Jeff Atwater.
- The program streamlines the process for military-trained firefighters who want to become certified in Florida by granting credit for military fire-service training.
- Operation Dispatch helps members of the military and veterans continue their commitment to service in Florida.

How it Works

- Operation Dispatch:
 - Cuts out redundant training so military-trained firefighters take 40 hours of training that is specific to Florida standards.
 - Reduces the costs associated with the Florida-specific training and testing to military firefighters.
 - Allows participants to take the certification exam more timely, instead of having to wait for one of the regularly-scheduled quarterly administrations of the exam.
 - Partners with the Departments of Military and Veterans' Affairs to allow the use of EDD and GI funding to pay for training.
 - Helps participants develop resume and interviewing skills through an enhanced curriculum.

For More Information

- To learn more or become one of our promotion partners, please contact:

Chelsi Henry

850.413.2910

Chelsi.Henry@myfloridacfo.com



Pensacola Cyber Center

Greater Pensacola Chamber
Presentation to the Florida Defense Support Task Force

21 May 2015

Pensacola Cyber Center

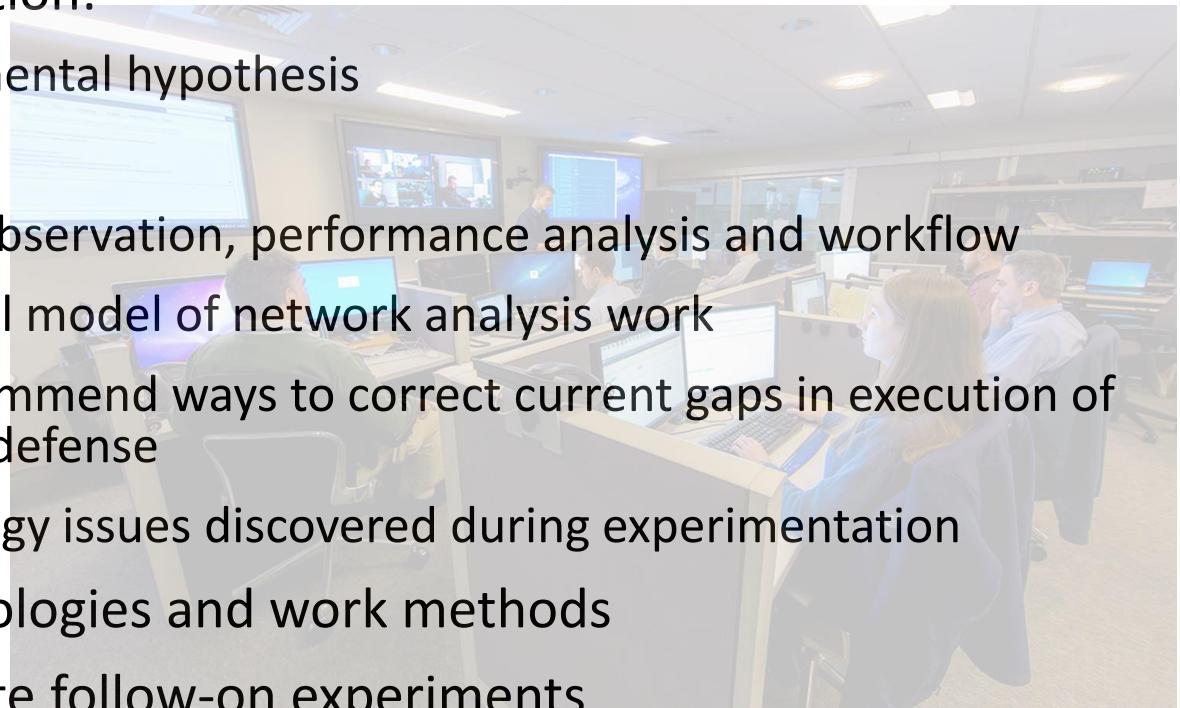
Towards a Cyber Incubator Supporting DoD Missions

- The Pensacola Cyber Center will be a functioning research facility designed to emulate key components of a Network Operations Center
 - Will be designed to an appropriate level of scale and complexity
 - Will build upon world class NW Florida R&D
 - Will provide a virtual testbed environment for cyber research, development and experimentation
- The Cyber Center will accelerate DoD-related cyber R&D:
 - Development and testing of cyberwork technology for data security and network visualization
 - Agent-based modeling of network operations and work processes
 - Model driven experimentation within cyber scenarios

Pensacola Cyber Center

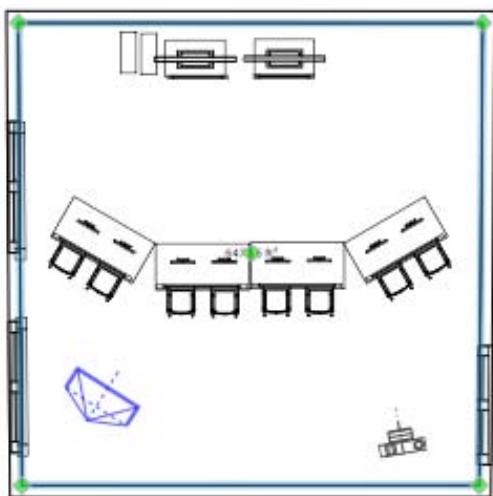
Campaign of Experimentation

- Leverage experience gained in previous work with Corry Station and U.S. Strategic Command
- Conduct a set of model driven experiments to test concepts of operations for more timely and effective cyber defense
- Initial Experimentation:
 - Establish experimental hypothesis
 - Test hypothesis
 - Collect data via observation, performance analysis and workflow
 - Refine conceptual model of network analysis work
 - Identify and recommend ways to correct current gaps in execution of successful cyber defense
 - Address technology issues discovered during experimentation
- Refine cyber technologies and work methods
- Develop and execute follow-on experiments



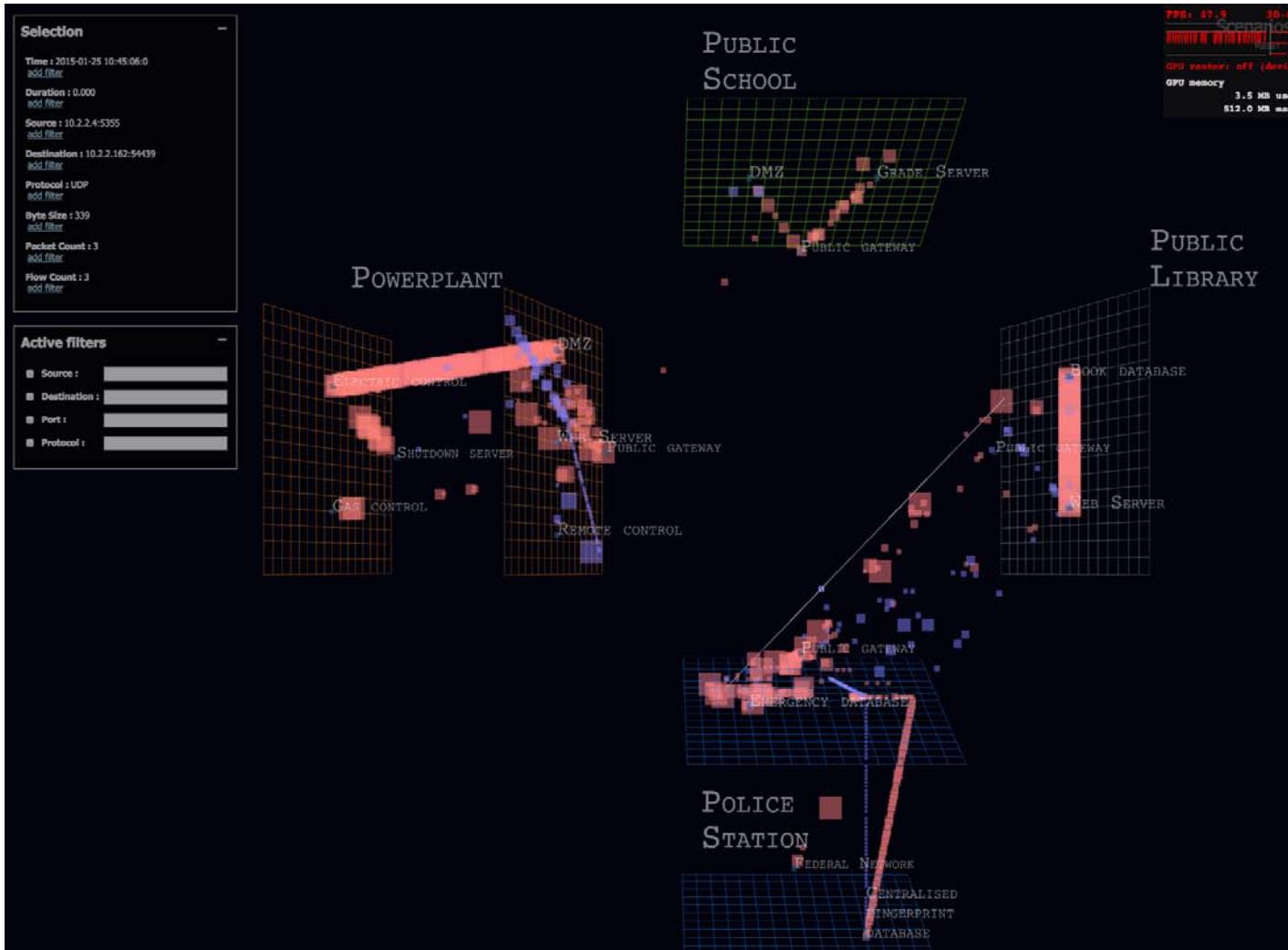
A Cyber Center Setup

- 2 Servers Provide the Virtual Experimentation Network
- 2 Large Displays Provide Shared Visualization and Collaboration
- 8 User Workstations Support Small and Medium Team Exercises

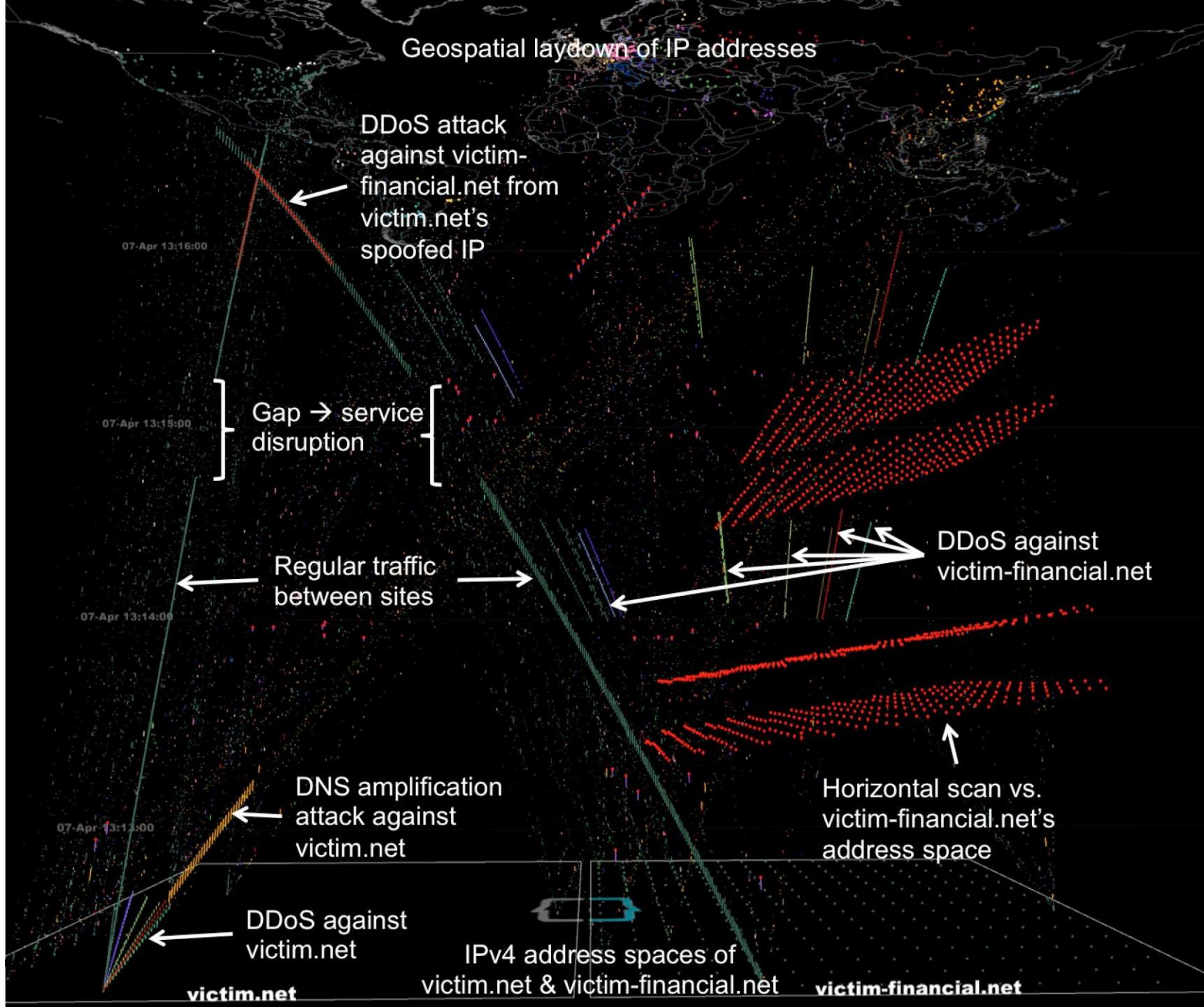


Leverage and Extend DoD-Funded Research

- Interactive tools provide live views of network assets and traffic
- Advanced analytics help rapidly identify and respond to attacks



Geospatial laydown of IP addresses



MacDill A.F.B.

Operation Engagement

***“Never interrupt someone doing something
you said couldn’t be done”***

- Amelia Earhart, Aviator

Our Challenge

“As leaders and stewards of Tampa Bay, doing everything in your power and in your hearts to assure the readiness, capability and capacity of MacDill Air Force Base to do any mission the nation calls upon MacDill to do . . . is all our Air Force and AMC can possibly ask.”

- Commander, Air Mobility Command



TBDA: Standup + Relationships + Engagement = Success

Grants

- **2012: TBDA Standup - \$130,000**
 - One Team, One Voice = Gold Standard
- **2013: Budget Cuts & MacDill 2025 - \$225,000**
 - Budget Cuts - Op Embrace
 - KC-46 Plus Up & Encroachment
 - Deloitte - MacDill 2025 Strat Planning
- **2014: MacDill 2025 - Execution - \$150,000**
 - Influencer Engagement - 'Face to Face'
 - Associations - Now "Speaking"
 - GEOINT, ADC & Airlift/Tanker Assoc



FDSTF 2015

- **Readiness - 'Inside the Fence'**
 - Commander's Priorities - Wing's + Avon Park
 - Direct Military Value - Strengthening within
- **Outreach**
 - MyMacDill - 29 Countries/39 States/1.5 Million Hits
 - Bringing Community closer - Principi & Deloitte
 - Conventions - Engaging across Nation
- **Relationships**
 - Tinker Expansion - Middle School Opening - First Lady
 - \$55M for Helos - Approp Bill; +\$34M for KC-135 Hangar

Success

- **Standup - Governance**
 - *Principi Report*
 - *Deloitte - Wash DC*
- **MacDill 2025 - Vision**
 - *Governance - Community together - One Voice*
 - *Influencers - Relationships + Partnerships = Changing Perceptions*
- **Enduring Budget Climate - 'Gaining' Forces (Not Losing)**
 - + 8 KC-135s (and More ?); FL Rock; Helos

} Build "One Collective Voice"



Florida Base Commanders' Meeting

MacDill Air Force Base

Encroachment/Land Use:

- *Florida Rock parcel: Property owner rejected initial purchase offer; state could possibly buy easement for future development*

Transportation/Infrastructure:

- *Installation and city interest in improving excessive gate wait times*
- *State support for holistic traffic study to include MacDill AFB traffic flows*

Energy:

- Instituted efficient lighting/mechanical technology; 58% kW reduction in Wg HQ
- Across the board savings of \$3.8M to date, with \$1.4M in FY15

Family Support/Quality of Life:

- *Hillsborough County School District expanding on base elementary to K-8*
 - *Project to be complete this year – “wildly popular”*
- Developed collaborative strategy & council to address military child education needs; several areas where state might provide assistance

Miscellaneous:

- *Army Reserve 81st RSC and 11th TAC proposed relocation*
- *24 UH-60/HH-60s with support and facilities – COE working with HQ AMC*

Colonel Dan Tulley



Florida Base Commanders' Meeting

Avon Park Air Force Range

Encroachment/Land Use:

- Rafter T Ranch easement closed on 27 Feb, 544 acres (\$980K)

Transportation/Infrastructure:

- \$4.9M in runway/airfield paving this year
- Advancing Smart infrastructure investments will pay dividends for training
- Sleeping Qtrs, Showers, Toilets

Quality of Life: *Deployed Unit Complex (DUC) - CC Priority - Logistics Maintenance & IT Upgrades* *(Added to Chart in collab with CC)*

Miscellaneous:

- Uniquely tied to the other FL bases and their units- investment in the range is investment that benefits the other FL bases and their units
- MacDill AFB- Hosted F-18s (Jan); SOCOM EX Jaded Thunder (April)
- Advancing linked airspaces over water and land to improve training
- Improvements necessary to range/airspace to support 5th Gen Aircraft
- Pushing to add Electronic Warfare capability to the range

Lieutenant Colonel Kevin Beeker



*“As leaders and stewards of Tampa Bay, doing everything in your power and in your hearts to assure the **readiness, capability and capacity** of MacDill Air Force Base to do any mission the nation calls upon MacDill to do . . . is all our Air Force and AMC can possibly ask.”*

- Commander, Air Mobility Command

Operation Engagement

- MacDill 2025 - Strategic Engagement Plan - Feb 2015
 - Transition from *Planning to Action*
 - *Two Targets:*
 - **Readiness*** (Capacity, Capability)
 - ➡ Priority to Nat'l Interest & DoD
 - **Changing Perceptions** - Location a treasure to DoD & Air Mobility Cmd

* = Military Value to Nation, AF, AMC

Priorities

- **Readiness** ➡ Commanders' Priorities
- **Strategic Engagement** ➡ Communicate Operational Value to Influencers
- **Outreach** ➡ Build/expand partnerships & relationships

Planning is over . . . Now, time to engage

Operation Engagement: Lines of Operation

Readiness

Strategic Engagement

Outreach

Readiness

➤ Wing Commander

- Assessments
 - Transportation (**No Grant \$\$**)
 - AirField (Taxiways & Ramp)
 - Housing
- Heli Move
- Tinker School Expansion
- More KC-135s Infrastructure (Hangar)

➤ Avon Park - Deployed Unit Complex (DUC)

- Maintenance (Mold) - Health concern
- IT Upgrades - Support to Visiting Units



Strategic Engagement

➤ Engage National & DOD Influencers

- 'Face to Face,' Visits, Symposia

➤ MacDill 2025 Strategic Communications Plan

- Website enhancement (**No Grant \$\$**)
- Fact Sheets/Media/Documentaries

➤ P4 Planning & Activities

- Eglin 'Home & Home' Partnership
- Evolve MacDill P4 processes

Outreach

➤ MyMacDill 2025 – Community salute to 75 yrs.

- Unifying Community
- Sending powerful message
- Attracting attention across AF & nation

➤ Champion Military Education – Expansion of Tinker

- DoD Grant - Build Middle School now !

➤ Conventions & Professional Affiliations

- Join FDA, ADC, FDCA, Airlift/Tanker Assoc . . . Participate
- Engage in FL and National Conventions (A/TA; GEOINT)

OpE: Maintaining Our Glidepath

Why

What

How

“Why”

- **MacDill 2025 Vision & Plan set**
 - Improve Readiness & Capability
 - Change Perceptions – Aggressive Actions
- **Potential Boundless – Time to build**
 - + 23 Army Helos & \$55M
 - + 8 KC-135s & \$32M
 - FL Rock
- **Vision + Lines of Action + Collective Community = Proactive & Powerful campaign**
“MacDill’s a treasure waiting to be discovered”

“What”

- **Move to Action . . Aggressive, Operational Level**
- **Transform Perceptions – Strategic Engagement**
 - MyMacDill
 - Readiness = Job #1
 - Set Course to future
 - Eye on Influencers
- **2015: ‘Year of Engagement’**
- **Targets:**
 - Tinker School - DoD Grant to ‘build’ out of Modulars
 - Assessments - Assure Readiness & Posture for more
 - Op Ramp/Taxiways & Housing
 - Professional Associations + Conventions + Face to Face

“How”

- **MyMacDill – “One Community” - Nothing like it !**
 - Barriers coming down - Joining forces
 - Being seen - attracting ‘good’ attention
- **Partnerships & Relationships – Drive interest & support**
- **Victories compound into more victories**
 - *‘Taking shots on the Net will score goals’*
- **Team together & all win** ➔ **Avon Park DUC & Eglin P4**

Shoot, Look, Shoot !




Performance

ROI

The Ask

Performance Measures



ROI

- MacDill 2025 – Transition Plan to Action
 - Readiness
 - Change Perceptions
- MyMacDill Campaign
 - Unifying & Strengthening Community
- Avon Park – DUC Readiness & Impressions
- Eglin P4 Partnership – Mentor & Guide

The Ask

Op Engagement

- | | |
|------------------------|------------|
| • Readiness | \$ 75,000 |
| – Avon Pk DUC | \$ 40,000 |
| • Strategic Engagement | \$ 102,500 |
| – Eglin P4 Partnership | \$ 16,500 |
| • Outreach | \$ 70,000 |
| • Admin | \$ 27,500 |

OpE Total: \$ 275,000 *

* Match: Over \$ 82,000

One Team >

One Voice >

One Campaign

MacDill future is now !

"You've got to be careful, if you don't know where you are going, you might not get there."

- Yogi

John Schueler
President, TBDA

Email: jrschueler@yahoo.com
Mobile: 813-731-1746



SSgt Charles Cash - 6 Trans - MacDill



Operation Engagement



One Team

One Voice

One Campaign

Backup Slides

Avon Park Deployed Unit Complex (DUC)



RECEIVED
12 FEB 2013

ORIGINAL

BASE CIVIL ENGINEER WORK REQUEST				Form Approved (See Reverse for Instructions)
				OMB NO. 0704-0114
Public reporting burden for this collection of information is estimated to average 3 hours per response. This burden includes the time for completing and sending comments concerning existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information, including suggestions for reducing this burden to the Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1213 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project 0704-0116, Washington DC 20503. Please DO NOT RETURN your form to either of these addresses.				
Send your completed form to HQ AFSC/DEM, Washington DC 20503. Please DO NOT RETURN your form to either of these addresses.				
SECTION I - TO BE COMPLETED BY REQUESTER				
1. FROM (Organization) 23 WG Detachment I	2. OFFICE SYMBOL ROA	3. DATE OF REQUEST 20130131	4. WORK REQUEST NO. (For BCE Use) G92790	
5. NAME AND PHONE NO. OF REQUESTER Tyrone Small 828-4641		6. REQUIRED COMPLETION DATE 20130404	7. BUILDING, FACILITY OR STREET ADDRESS WHERE WORK IS TO BE ACCOMPLISHED Bldg 71	
8. DESCRIPTION OF WORK TO BE ACCOMPLISHED (Include Sketch or Plan, where appropriate) Repair and/or replace gutters and down spouts; repair rusted areas where steel meets concrete and seal small holes on outer walls to deter rodents. Building will be dedicated to the memory of Mr. Richard Cuthall on 5 Apr 13.				
9. BRIEF JUSTIFICATION FOR WORK TO BE ACCOMPLISHED (Not required for maintenance and repair) Ensures building longevity.				
10. DONATED RESOURCES <i>NV2R130144, Repair DUC Bldg 71</i>				
FUNDS	LABOR	MATERIAL	CONTRACT BY REQUESTER	NONE
11. NAME OF REQUESTER TYRONE E SMALL		12. GRADE OF REQUESTER Civ	13. SIGNATURE OF REQUESTER (See Reverse of Form) <i>Tyrone E. Small</i>	
14. COORDINATION <i>19 Feb 13 156-0264</i>		15. WORK ORDER (Place an "X" in the appropriate box.) <input checked="" type="checkbox"/> IN-SERVICE <input type="checkbox"/> SELF-HELP <input type="checkbox"/> CONTRACT <input type="checkbox"/> SABER		
16. DIRECT SCHEDULED WORK (Place an "X" in the appropriate box.) <input type="checkbox"/> EMERGENCY <input type="checkbox"/> URGENT <input type="checkbox"/> ROUTINE		<input type="checkbox"/> SELF-HELP <input type="checkbox"/> MC		
17. SELF-HELP (Place an "X" in the appropriate box.) <input type="checkbox"/> BRIEFING REQUIRED <input type="checkbox"/> ADEQUATE COORDINATION <input type="checkbox"/> INSPECTION REQUIRED				
SECTION II - COMPLETE ONLY IF WORK IS TO BE ACCOMPLISHED BY WORK ORDER				
18. WORK CLASS <i>R 920</i>	19. PRIORITY <i>IV</i>	20. ESTIMATED HOURS <i>200</i>	21. ESTIMATED FUNDED COST <i>\$35,000</i>	22. ESTIMATED TOTAL COST <i>\$35,000</i>
23. THERE IS NO NEED FOR AN ENVIRONMENTAL ASSESSMENT (AFR 19-2) <i>I&W UFC 150-00</i>				
24. A WRITTEN ASSESSMENT IS BEING/HAS BEEN PROCESSED <i>Project Programming</i>				
25. APPROVED 26. DISAPPROVED				
27. REMARKS				
28. NAME AND GRADE (Please Type or Print) Renee E. Moore, GS-13 Duty Civil Engineer				
29. SIGNATURE <i>Renee E. Moore</i>				
30. DATE <i>19 FEB 2013</i>				
MASTER FILE COPY				

Team Effort - Time to Engage is Now

Readiness = Help (Self -Help or P4 project ?)

First Impression walking up to DUC

Budget Challenges impacting Tenants

Target:

- Infrastructure Maintenance
- Info Technology upgrades

Visibility: FL Ranges - Avon Park - MacDill



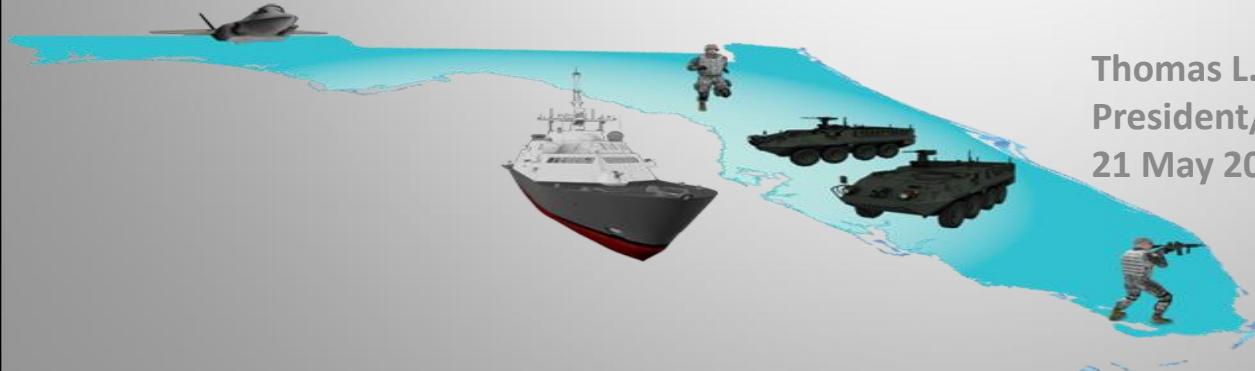


THE NATIONAL CENTER
FOR SIMULATION



Naval Support Activity (NSA) Orlando—the epicenter of the world's Modeling, Simulation & Training (MS&T) Industry

***“Team Orlando—A Unique Collaboration of Academia,
Industry & Smart Government Dedicated to Improving
Human Performance Through Simulation”***



Thomas L. Baptiste, Lt Gen, USAF (Ret)
President/CEO, National Center for Simulation
21 May 2015



THE NATIONAL CENTER
FOR SIMULATION



MODTF Update

- Where we have been
- Where we are headed
- Challenges we must overcome



THE NATIONAL CENTER
FOR SIMULATION

Partnership Complex Acquisition Efforts



SPACE UPDATE

Florida Defense Support Task Force

Jim Kuzma, Chief Operating Officer

July 16, 2015





RECENT INDUSTRY HAPPENINGS:

- *Cape Canaveral Spaceport*

2013

18 US Orbital Launches

10 Launches from Florida

- *Falcon 9 – 2*
- *Atlas V – 6*
- *Delta IV – 2*

SpaceX Falcon 9



2014

23 US Orbital Launches

16 Orbital Launches from Florida

- *Falcon 9 – 6*
- *Atlas V – 6*
- *Delta IV – 4*

ULA Delta IV



www.spaceflorida.gov



ULA Atlas V



Key Launch Sites at Cape Canaveral Spaceport



SLC-41



SLC-40



SLC-36



SLC-46



SLF



*Shuttle Landing Facility Cape Canaveral Spaceport's
Commercial Horizontal Launch & Landing Facility*



*Supporting Low Volume, High Value Space
Transportation and Advanced Aerospace Platforms,
including UAVs*

Planned Shuttle Landing Facility Operations

- Horizontal space launches/recoveries
- Space-flight assembly, processing, and refurbishing operations
- Payload processing, integration, recovery, and storage operations
- Space-flight support operations
- Aircraft operations (including charter-flight services, and cargo-flight services, and mission-support services)
- Aircraft flight-support operations
- Flight-vehicle testing
- Straight-line aerodynamic and engine technology testing\
- Advance air-traffic and space-traffic management systems development and testing
- UAS operations and testing
- High-energy systems R & D
- Warehousing
- Site development and improvement



Shuttle Landing Facility & Operations

Landing strip:

- **15,000 feet long (2.8 miles) plus 1,000 feet of paved overruns**
- **300 feet wide**
- **Pavement 16 inches thick**
- **First used in 1984 – primary facility for shuttle landings**

- Operated as a **Private Use** airport under **Florida FDOT Statute 14-60**
 - **Invitation only**
 - **No routine charter service**
 - **Lighting and lines do not meet airport standards**
 - **FDOT 14-60 roughly equates to FAA Part 139 & 77**
- **For Space related activity, FAA AST Site Operators license will guide operations – operator will require FAA AST to license or permit activities**
- **NASA has declared all commercial operations at KSC will be conducted under FAA AST**



Shuttle Landing Facility Responsibilities

- Manage, develop, maintain, and operate the SLF as described and defined in this Agreement for both Government and commercial users in accordance with the following priorities:
 - Horizontal landing of a vehicle from orbit or suborbital profile;
 - Horizontal launch of spacecraft or mother vehicle carrying a launch vehicle;
 - Aircraft Operations;
 - Flight Vehicle testing;
 - UAS Operations;
 - Miscellaneous – Non-Interference Operations.
- Provide priority use and scheduling for major NASA and U.S. Department of Defense (DOD) operations that require access to and use of the SLF.



THANK YOU!

Jim Kuzma
Sr. Vice-President & COO

Phone: 321-730-5301

www.spaceflorida.gov





VETERANS FLORIDA

WEDNESDAY, JULY 16, 2015

Florida Defense Support Task Force

Jim Sampey, Veterans Florida Vice-Chairman

Our Mission

- Attract and retain Veterans and their families by connecting them to employment, training and educational opportunities
- Strengthen Florida businesses by educating them on the value and skillsets Veterans bring to the workforce and providing training resources for their Veteran hires
- Enhance the entrepreneurial skills of Veterans



Current Projects

Business Research

- Focus groups conducted with hiring managers throughout the State: Tampa, Jacksonville, Orlando, and Miami
- 1,600 internet/phone surveys conducted throughout different regions.
- General Findings:
 - ◆ Open to seeking out veterans, but don't necessarily do so now or know where to look
 - ◆ Not sure how skills fit into their workforce
 - ◆ Training and hiring incentives would help veterans enter their workforce

Veterans Research

- Focus groups conducted in Columbus, GA, Norfolk, VA, San Antonio, TX, Colorado Springs, CO, and San Diego, CA
- 1,500 internet surveys conducted throughout the nation
- General Findings:
 - ◆ Open to considering Florida
 - ◆ Want assistance with resume, interview prep
 - ◆ Not sure how skills fit into civilian workforce
 - ◆ Not sure where to go to get all the info/services they need

Our Grant Programs

Entrepreneurship Program

- One million dollars appropriated by the State for entrepreneurial programs within the State university system
- Programs must include activities such as peer-to-peer learning sessions, mentoring, technical assistance, business roundtables, networking opportunities, support of student organizations, speaker series, or other tools within a virtual environment
- Anticipated launch for the end of August 2015

Business Training Grants

- Businesses eligible for up to \$8,000 per Veteran for 50% of training costs
- May use for new or incumbent employees
- Florida targeted industries considered first
- Anticipated launch for September 2015



Current Projects

Marketing Campaign

- New website launched: **veteransflorida.org**
 - ◆ Connect Veterans to employers, career and entrepreneurial resources, and services
 - ◆ Provide businesses the benefits of hiring veterans and grant information
- Nationwide Marketing Campaign to be launched in the Fall of 2015 with VISIT Florida



Contact Us



Jim Sampey

Veterans Florida Vice-Chairman

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Veterans Florida Headquarters

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VeteransFlorida.org



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[Facebook.com/veteransflorida](https://www.facebook.com/veteransflorida)



[Twitter.com/vetsfl](https://twitter.com/vetsfl)

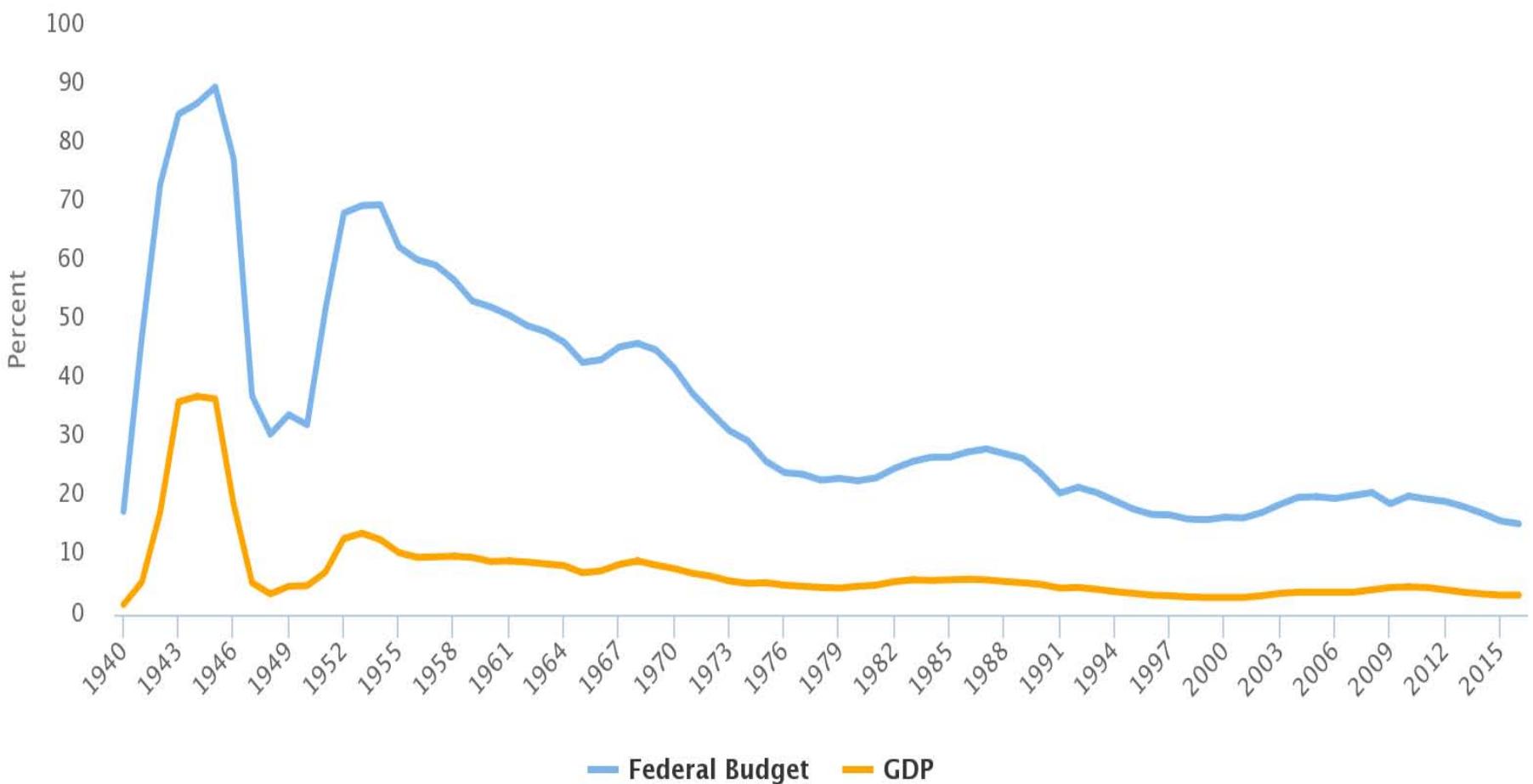


Defense Industry Economic Impacts

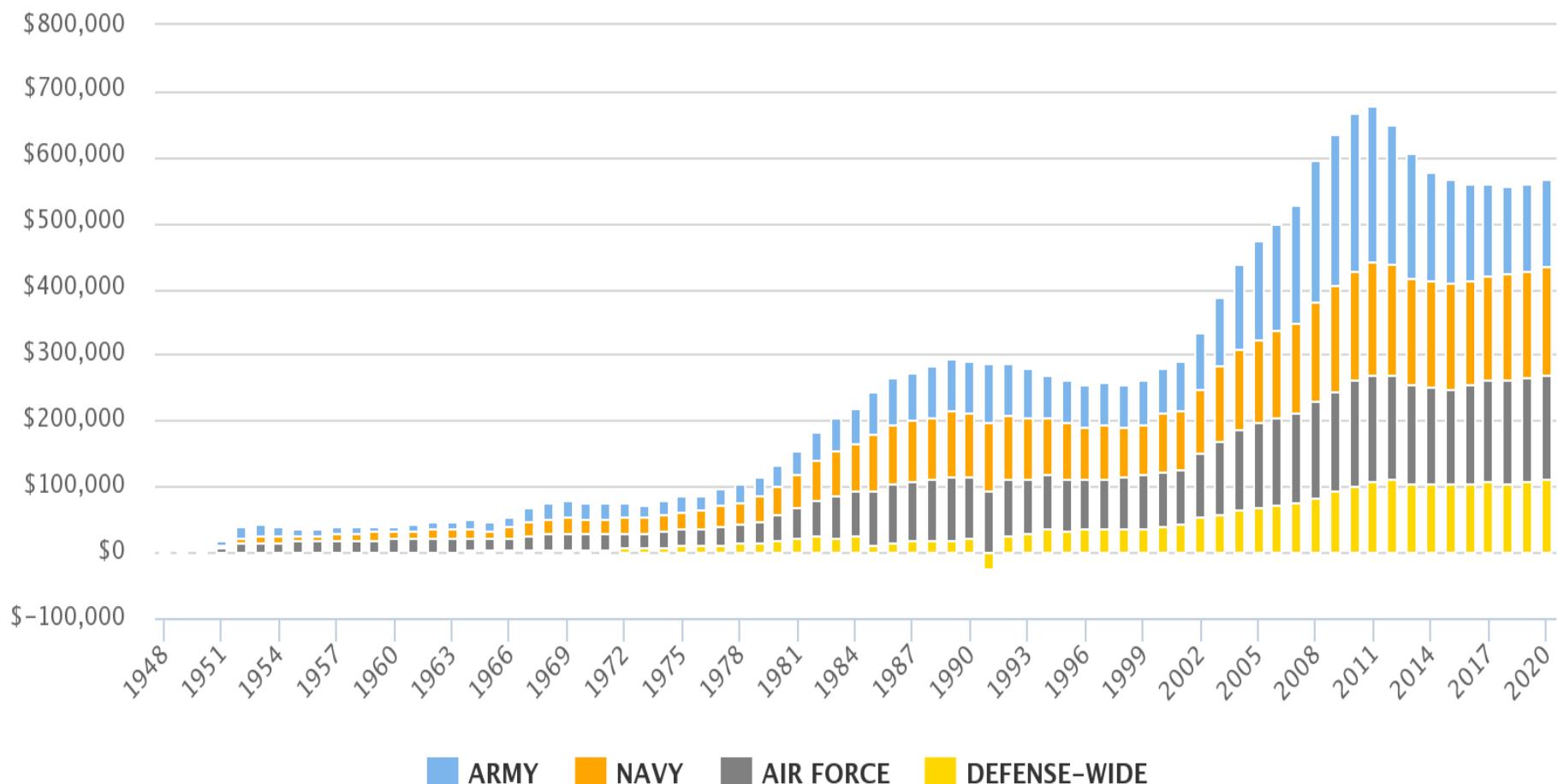
2015

Draft Estimates – Do Not Distribute!!!

National Defense as a Share of Federal Budget and GDP



DoD Outlays by Branch



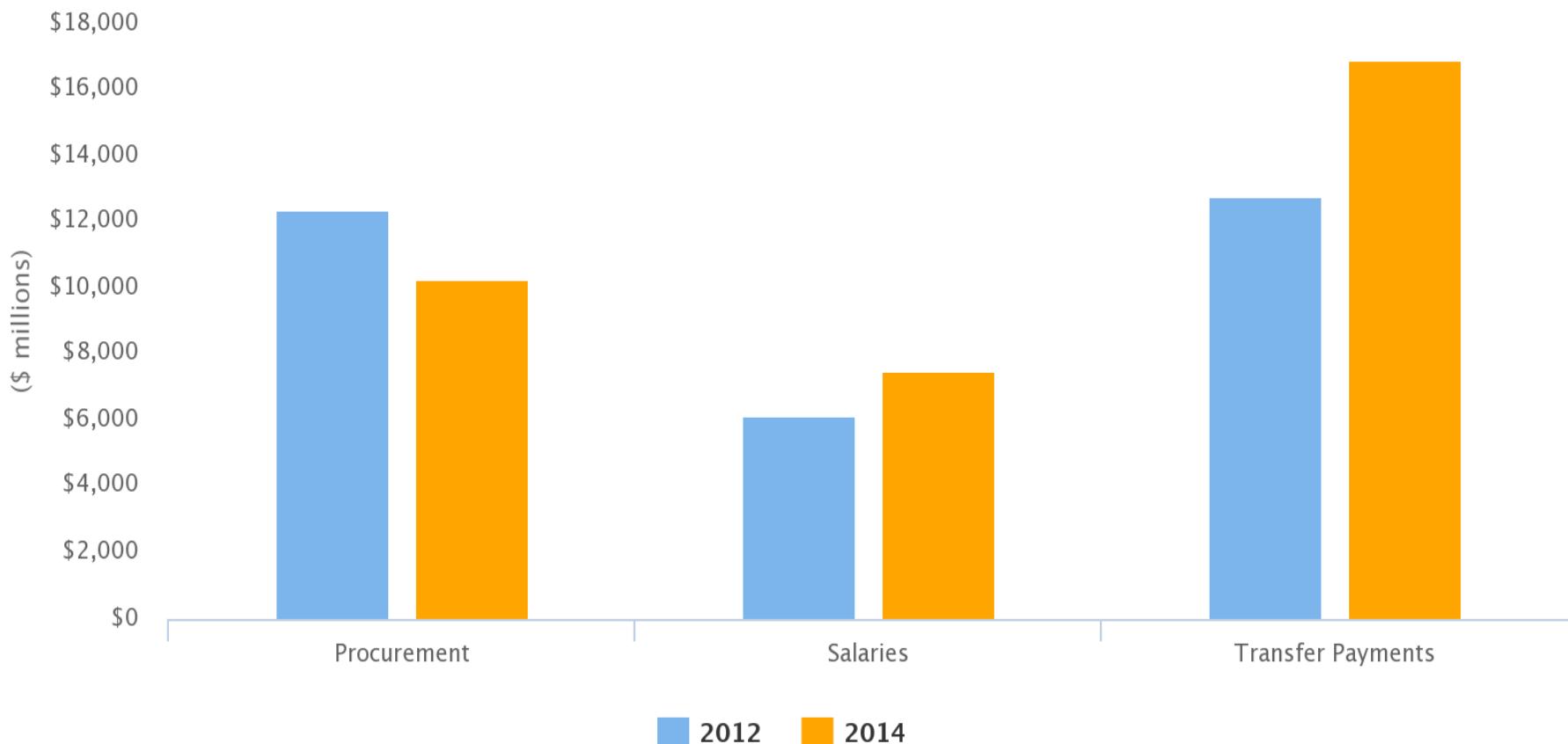
Economic Impact Components

- Military
- National Guard
- Coast Guard

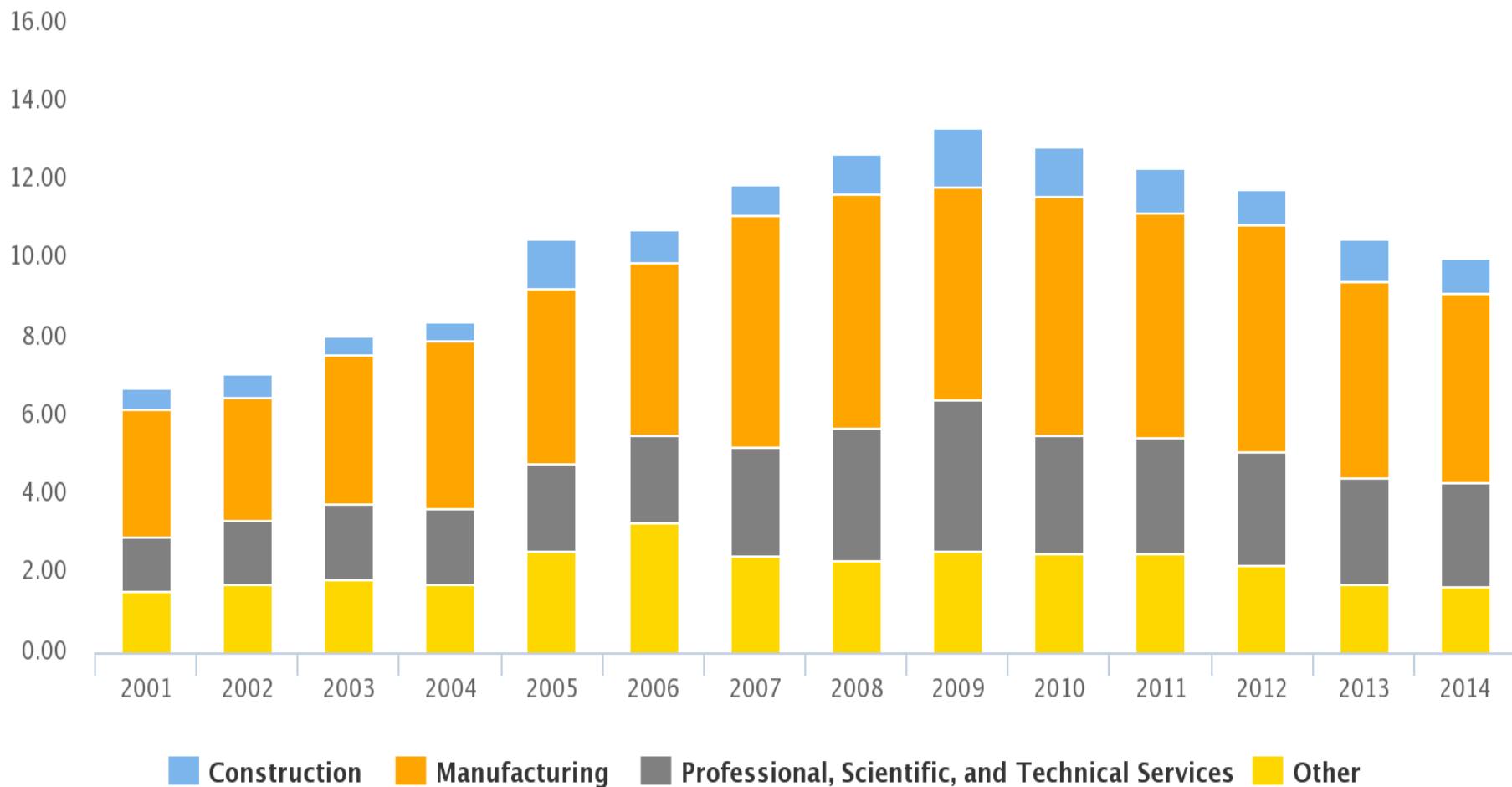
By Source of Impact

- Procurement
- Personnel (Salaries)
- Transfer Payments

Difference in Direct Spending



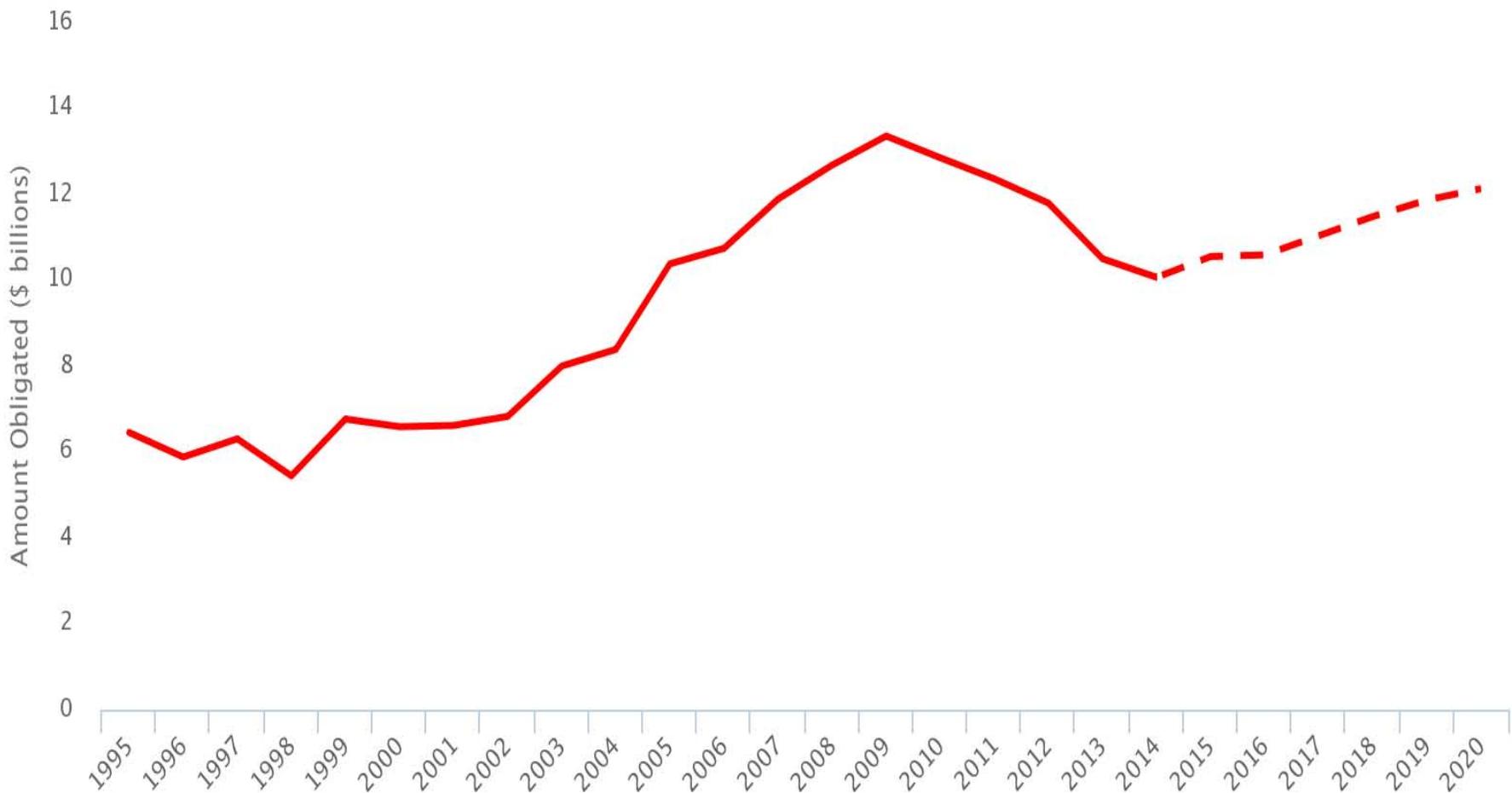
Florida Procurement by Industry



Where Florida Ranks- Top Procurement States 2010—2014

Rank	2010	2011	2012	2013	2014
1	CA	VA	CA	CA	VA
2	VA	CA	VA	VA	CA
3	TX	TX	TX	TX	TX
4	FL	AZ	MD	MD	CT
5		CT	MO	AZ	MD
6	MD	MD	AZ	MA	PA
7	PA	FL	CT	FL	FL
8	CT	PA	PA	CT	AZ
9	AZ	MA	FL	PA	MA
10	MO	AL	MA	MO	AL

DoD Procurement Forecast - FL



Florida Defense Industry Impacts 2015

Gross State Product in Millions US Dollars with Employment Impacts in Parentheses

	Military	National Guard	Coast Guard	Total Impacts by Type
Procurement	\$15,259 (145,331)	\$210 (2,687)	\$12 (1,198)	\$15,581 (149,216)
Employment	\$43,397 (379,703)	\$4,029 (37,091)	\$1,985 (20,780)	\$49,411 (437,574)
Transfers*	\$14,694 (186,396)	\$3 (44)	\$117 (1,492)	\$14,815 (187,932)
Total Impacts by Service	\$73,350 (711,429)	\$4,243 (39,821)	\$2,214 (23,470)	\$79,883 (758,712)

*Includes the impacts resulting from entitlement payments received by military and civilian retirees and veterans.

Florida County-Level Defense Industry Impact Rankings

Gross Regional Product in Millions US Dollars

Gross Regional (County) Product Rankings			Employment Rankings	
County	Gross Domestic Product Impact	Defense Impact as % Total GRP	County	Employment Impacts
Okaloosa	\$8,816	76.5%	Duval	101,500
Escambia	\$7,184	50.1%	Hillsborough	72,636
Seminole	\$1,127	35.0%	Okaloosa	71,780
Bay	\$2,393	30.6%	Orange	65,341
Monroe	\$1,006	26.1%	Escambia	63,293
Brevard	\$4,547	22.0%	Miami -Dade	56,476
Santa Rosa	\$1,190	21.9%	Pinellas	41,504
Duval	\$11,474	20.0%	Brevard	41,029
Clay	\$500	16.2%	Broward	31,426
Hillsborough	\$7,735	11.2%	Palm Beach	24,338



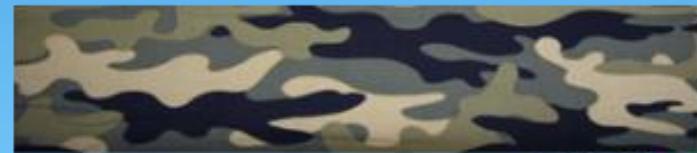
Defense Industry Economic Impacts

2015

Questions?

Draft Estimates – Do Not Distribute!!!

ORIENTATION TO THE INTERSTATE COMPACT



MIC3 Military Interstate
Children's Compact Commission 
Florida Council

Major Points

- The Compact addresses key educational transition issues encountered by military families including enrollment, placement, attendance, eligibility and graduation.
- Children of active duty members of the uniformed services, National Guard and Reserve on active duty orders, and members or veterans who are medically discharged or retired for one year are eligible for assistance under the Compact.

Major Points

- Compact designed to resolve recognized education transition issues
- Compact not intended to impact curriculum or local standards of education
 - Recognizes the authority and responsibility of states and local education agencies
 - Would have been a major obstacle in obtaining state membership

Key Issues Affecting Military Students

Academic Issues

- Typical student experiences between 6-9 transitions
- Adjustment to New School Setting
- Transfer of Services for Special Education
- Incompatible Graduation Requirements
- Redundant / Missed Testing
- Transfer of Coursework and Grades
- Transfer of Records
- Exclusion from Extra-curricular Activities

Florida Demographics

- * **Total Florida student population: 2,720,074**
- * **School Age Military Children: 41,334**
- * **Number of School Districts: 67**



Florida State Council

State Council Members

- * **CAPT (RET) ROBERT BUEHN** MIC3 Commissioner | Florida
- * **MARY JANE TAPPEN** Deputy Chancellor (Designee for Commissioner of Education) | Florida Department of Education (Council Chair)
- * **KELLY OWENS** Chairperson for Okeechobee School Board (appointment by Legislature)
- * **ZACKARY GIBSON** Chief Child Advocate and Director | Office of Adoption and Child Protection | Office of the Governor
- * **KAYE MCKINLEY** Deputy Superintendent | Okaloosa County School District
- * **CURTIS JENKINS** Florida Department of Education | Staff to Council
- * **NELLY RICHARDS** School Liaison Officer | MacDill Air Force Base
- * **CAPTAIN ROY UNDERSANDER** Commanding Officer | Naval Air Station - Jacksonville (DoD Rep)

Florida Council Meetings

- * **Council meets quarterly**
- * **Teleconference is standard, one meeting a year face-to-face at Florida Dept of Education in Tallahassee**
- * **Meetings open to all interested**
- * **National office usually participates**



The Compact provides a valuable tool to help our military families!



Florida Support for Military-Connected Children

Draft Concept for State Comprehensive Support Plan

19 November 2015



MCEC Mission

To ensure inclusive, quality educational opportunities for all military and veteran-connected children affected by mobility, family separation, and transition.



courtesy of brittanymorganphoto.com



Founded in Texas in 1998, the Military Child Education Coalition is a 501(C) (3) global, nonprofit organization focused on the well-being of America's four million military and veteran-connected children.



MCEC Programs



Student Programs

MCEC believes that enabling students to thrive and succeed in our education system by providing them the tools necessary to become college, career, and life-ready, is of the highest importance. *Student 2 Student®* (S2S™) programs at the elementary (eS2S™), middle (JS2S™), and high school (S2S™) levels bring military and civilian kids together to welcome new students, create a positive environment, support academic excellence, and ease transitions as students pass in or out of schools. 100% acceptance is a hallmark of this program.



Parent Programs

MCEC parent programs empower parents to become informed, proactive supporters, allowing them to make a positive impact in the academic, social, and emotional needs of their children. *Parent to Parent™* provides informative and interactive parent workshops to groups and organizations in the local community that address academic, social, and emotional issues associated with a military family lifestyle.



Military Student Transition Consultants

MCEC Military Student Transition Consultants (MSTC) serve as expert “navigators” and advocates for military-connected students and their families as they transition into and out of the school district. MSTCs provide on-going, continuum of care to help students and parents traverse the often confusing paths associated with transitions.

Professional Development

MCEC believes in the importance of professionals possessing the knowledge necessary to identify and respond to the complex needs of military and veteran-connected children. Across disciplines such as education, healthcare, childcare, and business, MCEC trains professionals to address the unique challenges facing our military children. All training is grounded in research and presented by highly skilled instructors. MCEC continues to represent those we serve with senior military and national leaders as a member of the Secretary of Defense’s Roundtable and the Secretary of Veterans Affairs’ Roundtable.



The Opportunity to ... *serve the Children of those who serve us all in Florida*

- Florida has **92,490 military-connected children (62,617 school-aged)**, plus uncounted number of Veteran-connected children
- Florida has **27 military installations**, and had an annual economic impact in 2011 of **\$73.4B; 758,112 jobs** tied to the military, and **\$5.4B** in State & Local tax revenue (2013 HAAS Center Study)
- Department of Defense spends **\$17.9B** (**\$11.4B** in contracts and **6.5B** in payroll for 125,096 personnel) in the State (2014 DoD Spending Report)



MCEC Current and Past Military Child Initiatives

... serving the Children of those who serve us all in Florida

MILITARY SERVICES, DONOR, PRIVATE AND CORPORATE SPONSORS

2009 -2015 MCEC has trained, provided services and materials to:

- 36 Cities
- 82 School/School Districts
- 143 Initiatives with 14 different Initiatives
- 2033 Participants
- 55 One-Time Trainings, started 14 Programs that are still active



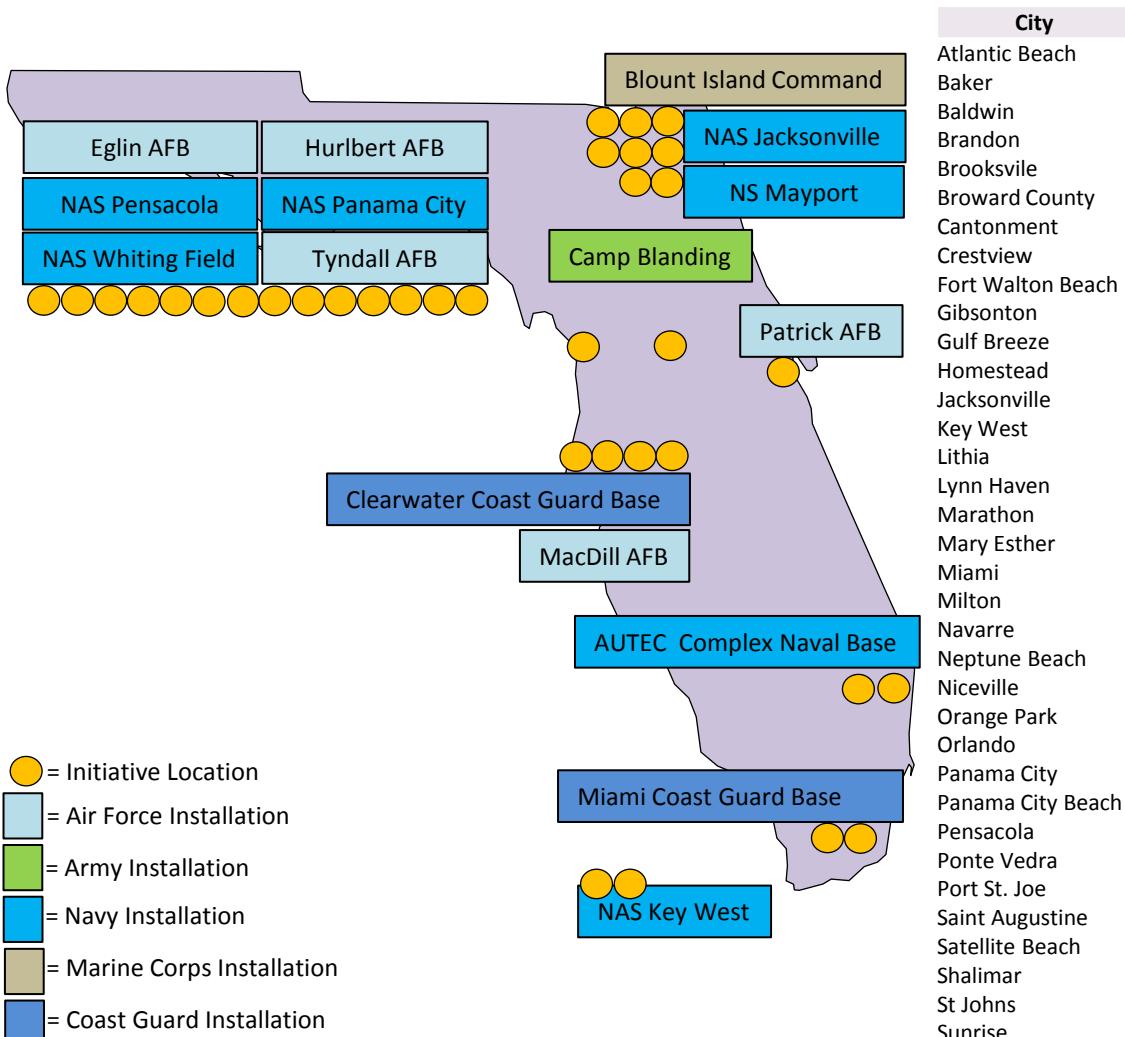
courtesy of brittanymorganphoto.com



courtesy of brittanymorganphoto.com

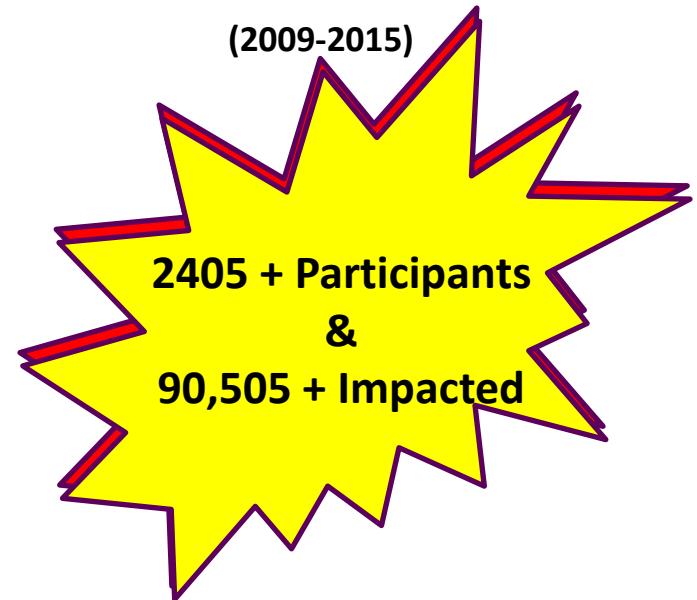


MCEC Contributions... serving the Children of those who serve us all in Florida

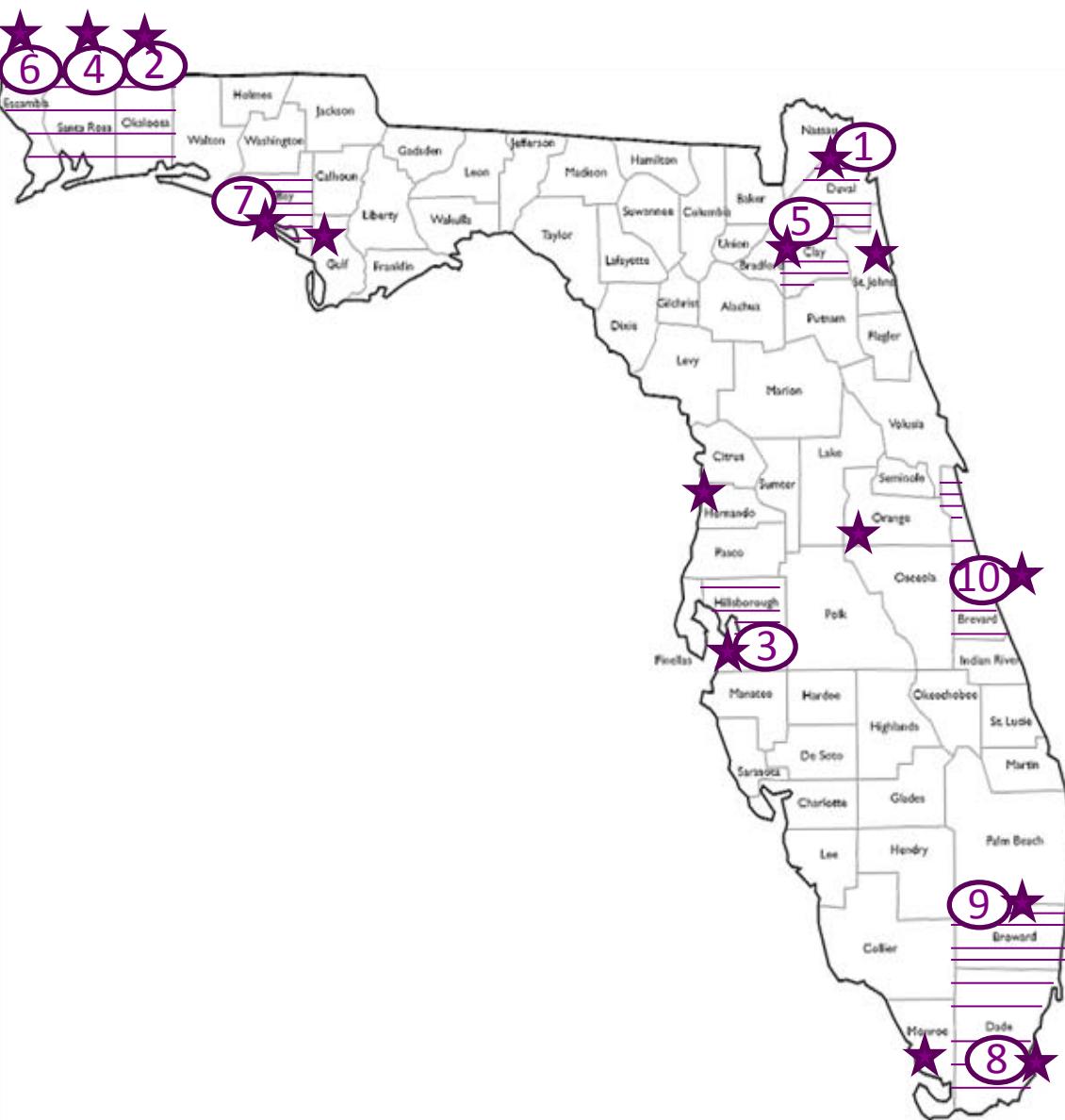


City

- Atlantic Beach
- Baker
- Baldwin
- Brandon
- Brooksville
- Broward County
- Cantonment
- Crestview
- Fort Walton Beach
- Gibsonton
- Gulf Breeze
- Homestead
- Jacksonville
- Key West
- Lithia
- Lynn Haven
- Marathon
- Mary Esther
- Miami
- Milton
- Navarre
- Neptune Beach
- Niceville
- Orange Park
- Orlando
- Panama City
- Panama City Beach
- Pensacola
- Ponte Vedra
- Port St. Joe
- Saint Augustine
- Satellite Beach
- Shalimar
- St Johns
- Sunrise
- Tampa



Top 10 Military Child Populated Counties Gap Analysis

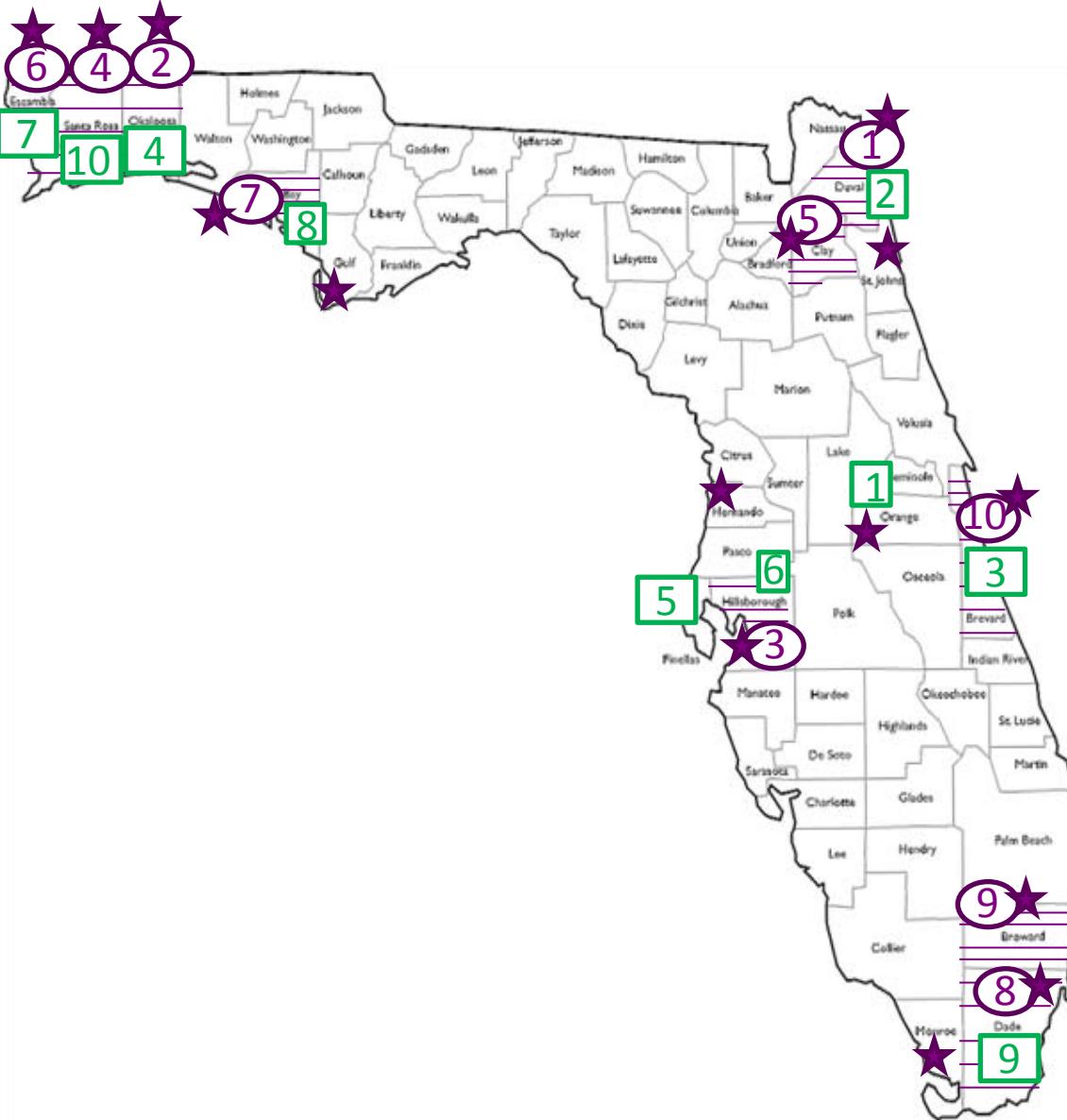


	County	Total	School-aged
1	Duval	12437	7969
2	Okaloosa	11909	7319
3	Hillsborough	10120	7193
4	Santa Rosa	6184	4055
5	Clay	5282	3798
6	Escambia	5160	3265
7	Bay	4332	2779
8	Miami-Dade	4098	2792
9	Broward	3909	2708
10	Brevard	3618	2542

★ Locations of Previous MCEC Training
2010 - 2015

Top Defense Spending Locations

Gap Analysis



	Spending Locations (County)	Dollars in Billions
1	Orange	3.7
2	Duval	2.0
3	Brevard	1.7
4	Okaloosa	1.6
5	Pinellas	1.6
6	Hillsborough	1.5
7	Escambia	1.5
8	Bay	.7077
9	Miami-Dade	.5836
10	Santa Rosa	.4652

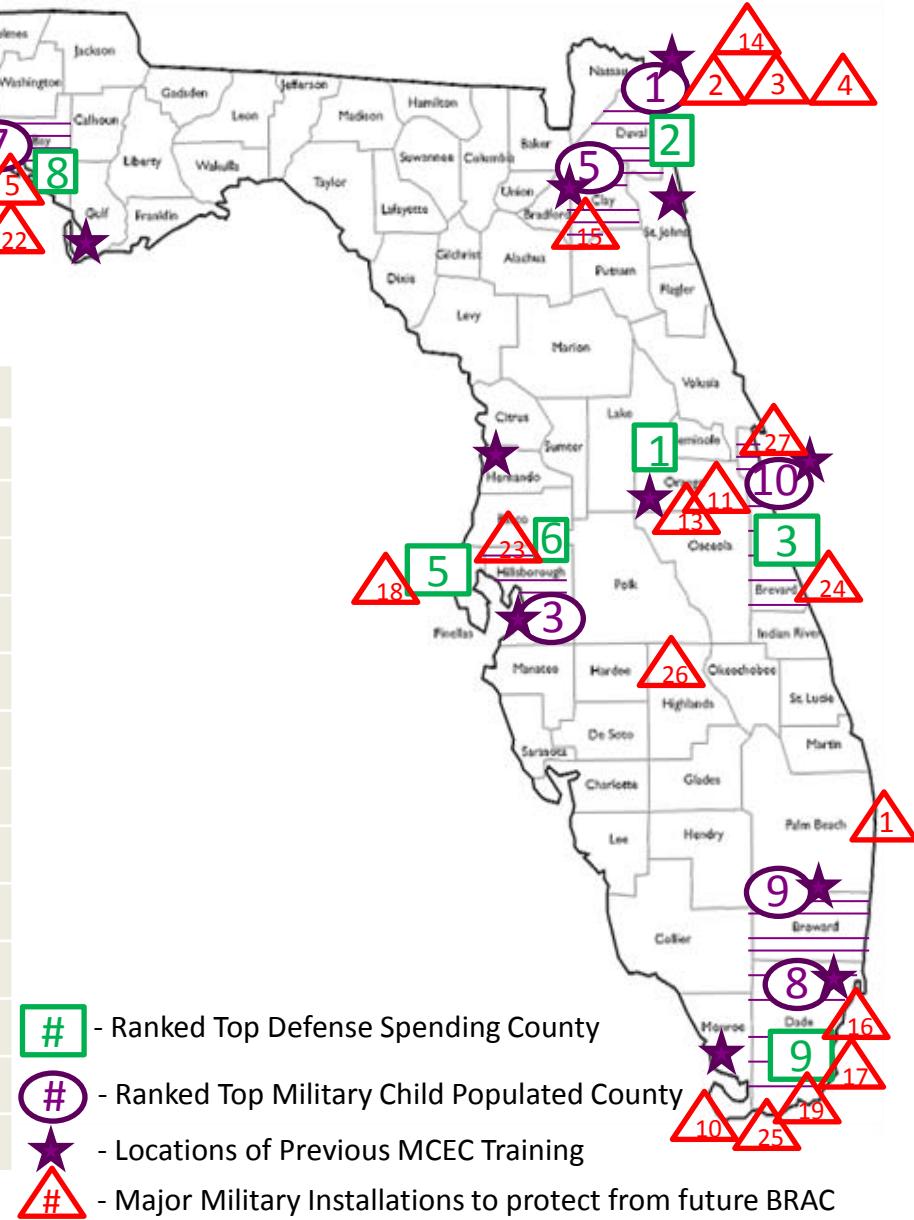
- [Green Box] # - Ranked Top Defense Spending County (2014 DoD Spending Report)
- [Purple Circle] # - Ranked Top Military Child Populated County (2013 DoD Report)

Gap Analysis of Military and Veteran-Connected Children Educational Services

Previous and on-going MCEC efforts have focused in the Top 11, 13, and 17th most military child populated counties plus Hernando County, which also were the top 4, and 6-10 of the greatest DoD spending locations

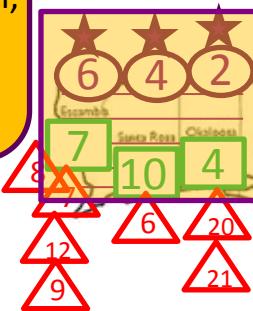


	Navy & Marine Corps		Army, Air Force, Coast Guard
	Autec Complex Navy Base		Camp Blanding
	NAS Jacksonville		U.S. Army Garrison – Miami
	Naval Hospital - Jacksonville		District 7 Coast Guard Base
	NS Mayport		Air Station Clear Water CGB
	NSA Panama City		ISC Miami CGB
	NAS Whiting Field		Eglin AFB
	NAS Pensacola		Hurlburt Field AFB
	Naval Hospital - Pensacola		Tyndall AFB
	Saufley Field		MacDill AFB
	NAS Key West		Patrick AFB
	NSA Orlando		Homestead Air Reserve Base
	Corry Station		Avon Park Air Force Range
	Pinecastle Bombing Range		Cape Canaveral AFS
	USMC - Blount Island		



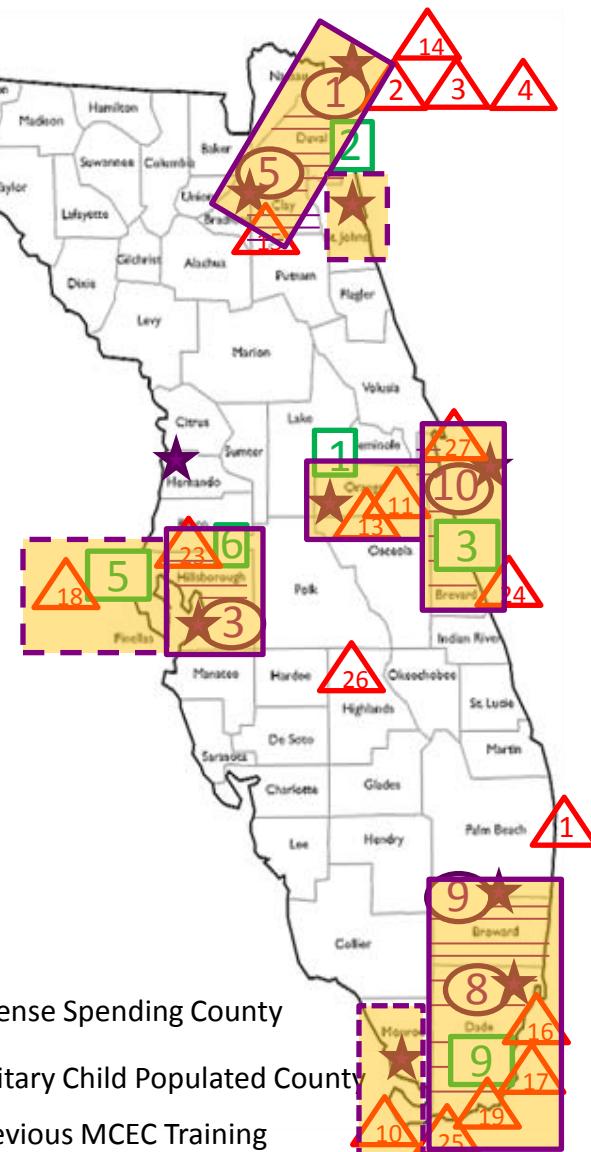
Gap Analysis Recommendation

- **Grow & Sustain program support** to Escambia, Santa Rosa, Okaloosa, Bay, Duvall, Clay, Brevard, Orange, Dade-Miami, Broward and Hillsborough Counties
- **Expand support** to Pinellas and St. Johns
- **Consider support** to Monroe County



	Navy & Marine Corps	Army, Air Force, Coast Guard
1	Autec Complex Navy Base	Camp Blanding
2	NAS Jacksonville	U.S. Army Garrison – Miami
3	Naval Hospital - Jacksonville	District 7 Coast Guard Base
4	NS Mayport	Air Station Clear Water CGB
5	NSA Panama City	ISC Miami CGB
6	NAS Whiting Field	Eglin AFB
7	NAS Pensacola	Hurlburt Field AFB
8	Naval Hospital - Pensacola	Tyndall AFB
9	Saufley Field	MacDill AFB
10	NAS Key West	Patrick AFB
11	NSA Orlando	Homestead Air Reserve Base
12	Corry Station	Avon Park Air Force Range
13	Pinecastle Bombing Range	Cape Canaveral AFS
14	USMC - Blount Island	

- # - Ranked Top Defense Spending County
- # - Ranked Top Military Child Populated County
- ★ - Locations of Previous MCEC Training
- # - Major Military Installations to protect from future BRAC



Our Draft Design to Provide Targeted Support

Program Menu

- Parent to Parent teams
- Military Student Transition Consultants (MSTC)
- Student 2 Student (S2S) programs (elementary, middle and high schools)
- MCEC Professional Development (PD) Trainings

MCEC provides summative reports with outcome data to LEA and Florida Defense Support Task Force

Recommended Counties

- Escambia, Santa Rosa, Okaloosa & Bay
- Duval, Clay, & St. Johns
- Brevard & Orange
- Dade-Miami, Broward, & Monroe
- Hillsborough & Pinellas

Sample Region

Panhandle Counties

- Parent to Parent – 3 Trainers, present 9-15 workshops/month, reach 1,500+ parents/year
- MSTC – Place 1 MSTC in Okaloosa Schools, year-round connection with military-connected students to ease transition and academic concerns for parents and students, 2,000+ students supported each year
- Student Programs – Start/renew programs in 30 schools – train adults to help students focus on 100% acceptance. 1,000+ students positively impacted each year.
- PD Training – 9 trainings/360 participants – focus is on transition, resilience and reintegration; reach 2,000 professionals per year



Draft Program Distribution by Community

Panhandle Counties

Parent to Parent – Team of 3, local workshops in the tri-county area. Monthly surges to Bay County. Direct impact 1,500+ parents reached each year

MSTC – Place 1 in Okaloosa Schools. Direct impact 2,000+ students per school year.

Student Programs – S2S and JS2S Boosters. New S2S, JS2S and eS2S programs. Direct/Indirect impact 261,000+ students per school year.

Professional Development - Indirect Impact 5,040+ Students per school year.

Northeast Counties

Parent to Parent – Team of 2, local workshops in the tri-county area. Direct impact 1,000+ parents reached each year.

MSTC – Place 1 in Duvall Schools. Direct impact 2,500+ students per school year.

Student Programs – S2S and JS2S Boosters. New S2S, JS2S and eS2S programs. Direct/Indirect impact 185,000+ students per school year.

Professional Development - Indirect Impact 5,000+ Students per school year.

Lower Peninsula Counties

Parent to Parent– Quarterly surges provided via Hillsborough Team. Direct impact 250+ parents reached each year.

Student Programs – New S2S, JS2S and eS2S programs. Direct/Indirect impact 110,000+ students per school year.

Professional Development - Indirect Impact 4,200+ students per school year.

Mid-Atlantic Counties

Parent to Parent – Quarterly surges provided via Northeast Counties Team. Direct impact 250+ parents reached each year.

Student Programs –New S2S, JS2S and eS2S programs. Direct/Indirect impact 55,000+ students per school year.

Professional Development - Indirect Impact 4,200+ students per school year.

Mid-Gulfcoast Counties

Parent to Parent - Team of 2, local workshops with monthly surges to Pinellas County and quarterly surges to the Lower Peninsula Counties. Direct impact 1,200+ parents reached each year.

MSTC – Place 1 in Hillsborough Schools. Direct impact 2,500+ students per school year.

Student Programs New S2S, JS2S and eS2S programs. Direct/Indirect impact 187,000+ students per school year.

Professional Development - Indirect Impact 1,890+ students per school year.

Statewide

Professional Development– Indirect impact 4,200 students per school year.

Combined Impact

Parents Direct Impact: 2,600/year, 5,200 over two years

Students Indirect Impact: 735,000/year (military and non-military combined).



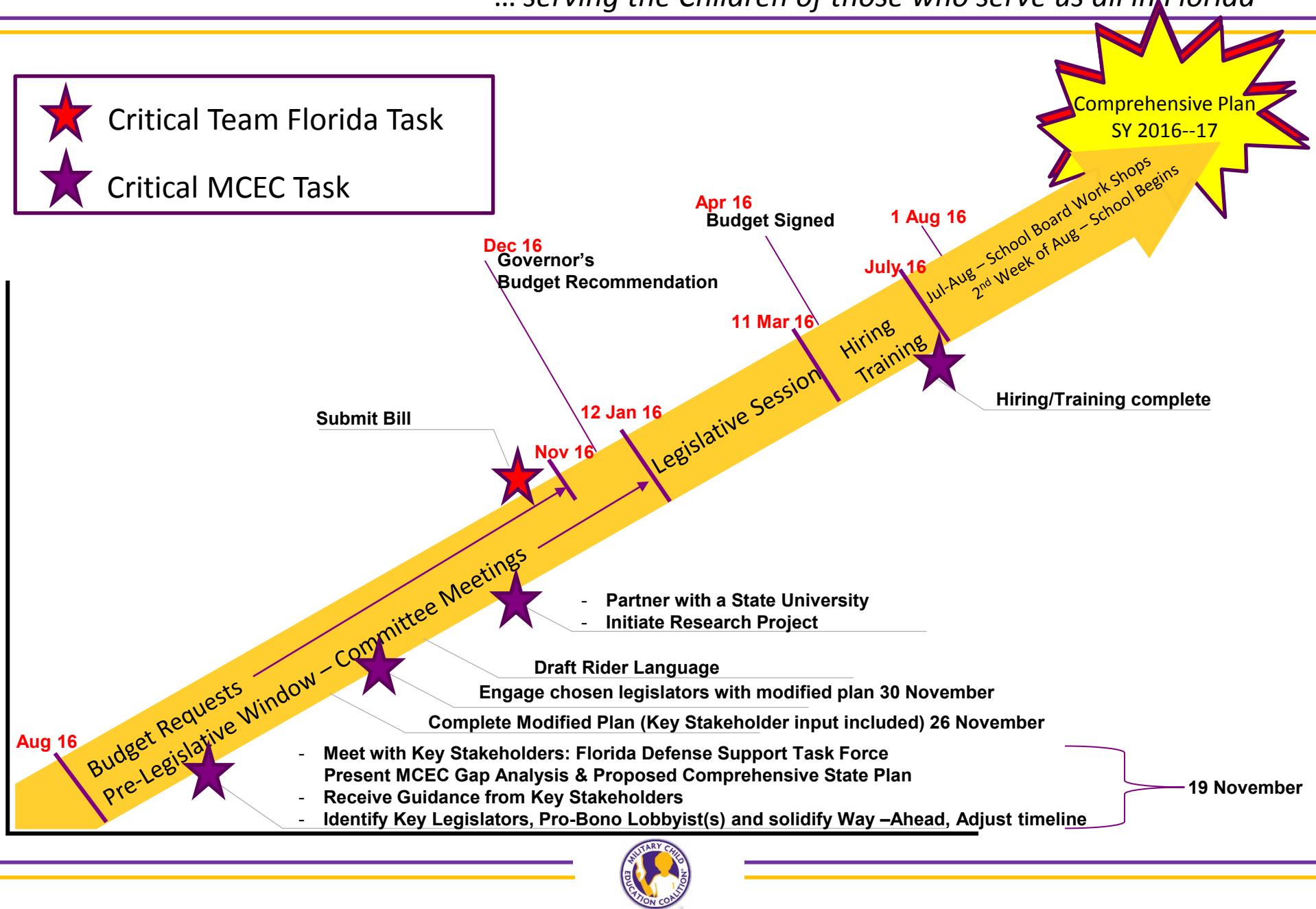
State Comprehensive Support Plan – The Way Ahead

... serving the Children of those who serve us all in Florida



Critical Team Florida Task

Critical MCEC Task



19 November

Guidance

- Your thoughts- what did we miss?
- What do we need to do for successful execution?
- Next steps



Sentinel Landscapes

Background and Status

Florida Defense Task Force Meeting

19 November 2015

Ryan Orndorff

Deputy Director,

Readiness and Environmental Protection Integration (REPI) Program

ryan.b.orndorff.civ@mail.mil

Background

- Sentinel Landscapes are working or natural lands important to the nation's defense mission - places where preserving the working and rural character of key landscapes strengthens the economies of farms, ranches, and forests; conserves habitat and natural resources; and protects vital test and training missions conducted on those military installations that anchor such landscapes.
- Sentinel Landscapes partnership was established via MOU among DoD, USDA and DOI in 2013
- A Federal Coordination Committee was established to coordinate development and implementation of Sentinel Landscapes
- Currently there are 3 designated Sentinel Landscapes
 - Joint Base Lewis McChord, WA (2013)
 - NAS Patuxent River/Atlantic Test and Training Range, MD/VA (2015)
 - Fort Huachuca, AZ (2015)

The Need for Sentinel Landscapes

- The military's training and test missions on many military bases are compromised by incompatible development near those bases.
- To resolve this problem, military bases encourage compatible land use surrounding their installations.
- Many USDA and DOI landowner assistance programs promote practices – farming, ranching, forestry, and conservation – that are compatible with military activities.
- When DoD, USDA and DOI programs are used in combination to promote compatible practices on lands near DoD installations, each agency's funds are leveraged to support national defense and the other program objectives.
- While this synergy is already occurring on many installations, greater overall benefits can be realized by a collective and planned effort to identify locations for aligning our separate programs to encourage mutually beneficial land management practices that further leverage State, Local, and private/NGO support..

Sentinel Landscapes

- Sentinel Landscapes are intended to produce three principal outcomes:
 - Implement a **coordinated and comprehensive strategy** within a **defined landscape** (the Sentinel Landscape) to promote compatible land use.
 - Coordinate the **delivery of Federal programs** to landowners whose working and natural lands support the military mission within designated Sentinel Landscapes.
 - Encourage **State, Local, and NGO/private participation** and use of multiple resources to engage and reward landowner participation through recognition and monetary incentives that complement Federal programs.

Sentinel Landscapes

- To achieve the desired outcomes, any single Sentinel Landscape should possess three fundamental components:
 - An **anchor military installation** with a military mission that benefits from compatible land uses outside of the installation's boundaries.
 - A **defined landscape** associated with the anchor installation's "mission footprint" where Federal, State, Local, and private/NGO programs can be coordinated to support conservation and landowner involvement.
 - **Defined outcomes** that promote and sustain compatible land uses that provide tangible benefits to conservation and working lands within the defined landscape.

These components MUST be identified and developed locally!

Every landscape is different...one-size won't fit all

Benefits Resulting from Sentinel Landscapes Designation

- Defined space to focus attention and actions – defined footprint aligned with anchor installation and partner's shared mission interests
- Visibility among competing priorities – value through alignment with the Sentinel Landscapes branding and the expansion of that brand
- Federal funding – access to coordinated delivery of Federal programs from multiple federal sources and competitive advantage in funding decisions as a result of Sentinel Landscape status
- Capacity – possible funding support for on-the ground coordinator, to facilitate access to Federal programs, work with partners, define specific footprint/prioritize investments, report progress/success
- Land owner choice – increased landowner engagement resulting from tiered level of landowner participation and recognition, best matching landowner interests
- Status – Conveyance of status to landowners voluntarily choosing to participate
 - Formalized recognition program
 - Enhanced/priority access to existing federal/state programs
 - Where feasible, tax credits, deductions, or exclusions; other similar monetary incentives

Status

- REPI Program working with designated Sentinel Landscapes to develop “Sentinel Landscapes Strategies” for partners to organize their conservation planning and approaches
 - Description of their Sentinel Landscape;
 - Articulation desired goals and outcomes;
 - Understanding of each partner’s roles and contributions;
 - Approaches for partner coordination and to communicate successes and challenges
 - Approaches for coordinating landowner engagement; and
- Will work with potential Sentinel Landscapes to develop similar strategies to support future designations
- Moving towards a more formal nomination and designation process

Funding Strategies

- Current Sentinel Landscapes were designated in conjunction with REPI Challenge Awards
- Future designations are proposed to receive “seed funding” from the REPI Program to promote one or more of the defined strategic goals
- Starting in FY16 designated Sentinel Landscapes will receive priority consideration for both the military service REPI buffer proposals and the REPI Challenge awards
- The purpose of focusing REPI investment in these landscapes is to attract other federal and state resources
- Demonstrating success in existing Sentinel Landscapes will help to demonstrate benefits and identify better avenues for future collaboration



VETERANS FLORIDA

Thursday, November 19, 2015

Florida Defense Support Task Force

Joe Marino, Veterans Florida

Our Mission

- Attract and retain Veterans and their families by connecting them to employment, training and educational opportunities
- Strengthen Florida businesses by educating them on the value and skillsets Veterans bring to the workforce and providing training resources for their Veteran hires
- Enhance the entrepreneurial skills of Veterans



Overview

1. Governance Structure
2. Entrepreneurship Program
3. Training Grants Program
4. Marketing Campaign and Research
5. Funding



Governance Structure

Veterans Florida is governed by a nine member Board of Directors.

Jim Bagby, Chairman - Senate Appointee

Jim Sampey, Vice-Chairman - Governor's Appointee

Brigadier General (Ret.) John Adams, Secretary (House Appointee)

First Sergeant (Ret.) Tom Rice, Treasurer (Senate Appointee)

Captain (Ret.) Joseph O'Conor (Governor's Appointee)

Courtney Heidelberg (Governor's Appointee)

Jamee Graff (House Appointee)

Lieutenant General (Ret.) Martin Steele (House Appointee)

Prebble Ramswell (Senate Appointee)



Entrepreneurship Program

- \$1 Million appropriated for entrepreneurial programs within the State University System
- Program designed as a network of Florida Universities serving veterans statewide using a shared curriculum and performance metrics, allows for geographic distribution of resources
- One University serves as the Host Partner for the network with Network Partners Universities selected by Veterans Florida
- Three phase curriculum: non-resident, boot camp or resident phase, and a long term mentoring phase
- **NO COST TO THE VETERAN!**



Entrepreneurship Program Universities



Business Training Grant Program

- Businesses eligible for up to \$8,000 per Veteran for 50% of training costs
- Florida targeted industries given preference for first 90 days
- Allows for customized training delivered in-house or by a third-party provider
- Simple application process for Businesses. Currently accepting applications at veteransflorida.org/employers



Market Research

Business Research

General Findings:

- ◆ Open to seeking out veterans, but don't necessarily do so now or know where to look
- ◆ Not sure how skills fit into their workforce
- ◆ Training and hiring incentives would help veterans enter their workforce

Veterans Research

General Findings:

- ◆ Open to considering Florida
- ◆ Want assistance with resume, interview prep
- ◆ Not sure how skills fit into civilian workforce
- ◆ Not sure where to go to get all the info/services they need

Marketing Campaign

- New website launched: veteransflorida.org
 - ◆ Connect Veterans to employers, career and entrepreneurial resources, and services
 - ◆ Provide businesses the benefits of hiring veterans and grant information
 - ◆ Deliver key information to veterans looking to relocate to Florida
- Miles Media selected as agency of record. Marketing plan being built now, advertisements start in December 2015.



USA TODAY - Veterans Affairs Issue

WHY VETERANS CHOOSE FLORIDA

TAX BREAKS!

- 1 No taxes on personal income, military pensions, inheritance, gifts, or intangible property.
- 2 Every Florida resident receives \$25,000 homestead property tax exemption.



- Additional \$5,000 homestead exemption for veterans with 10% or greater disability.
- No property tax on homestead property for veterans with service connected permanent, total disability.

Source: Florida Department of Revenue

1st for aviation/aerospace manufacturing workforce.

- 2nd for space and defense systems manufacturing, aerospace and products and parts manufacturing, and manufacturing and logistics infrastructure.
- 3rd for high-tech establishments and pharmaceutical and medicine manufacturing businesses.

- 5th for highest number of logistics & distribution jobs.

STRONG ECONOMY

- Florida ranks #2 for "best state for business" due to its high growth sectors such as aerospace, research and development, and technology.
- 2,000 aerospace and aviation companies innovate and manufacture in Florida. They employ 87,000 employees with a total payroll of \$5.5 billion paying an average wage of \$63,303.
- Florida's high tech economy includes over 750,000 defense related jobs.

Source: Enterprise Florida

VALUABLE EDUCATION

- 6 In-state tuition rate for all veterans, spouses and dependents of veterans using the GI Bill.
- 7 Florida waives undergraduate tuition for recipients of the Purple Heart or combat decorations in superior precedence.



Source: Florida Department of Veteran Affairs

ACTIVE LIFESTYLE

- 8 Five of Florida's beaches rank on Forbes' Top 10 Beaches in America for 2014.
- 9 Discounted Passes to Florida State Parks:
 - Honorably discharged veterans receive 25% discount.
 - Service-connected disabled veterans and surviving families are free!
- 10 Veterans are eligible for concealed weapons licenses without completing any additional training.



Sources: Florida Department of Agriculture and Consumer Services, Florida Division of Recreation and Parks, Forbes

VETERANS LOVE FLORIDA

- 11 Florida has the third largest population of Veterans in the nation with over 1.5 million Veterans, and is home to 20 military installations, which include USCENTCOM, USSOCOM, and USSOUTHCOM.

Source: United States Department of Veterans Affairs



WANT TO KNOW MORE? For more reasons why Florida is the right choice visit: veteransflorida.org



Enhanced Website - Coming Soon

Service Type Search by Name

Employment Florida, United States US cities only

Search

Employment Organizations In Florida, United States

Previous 1 2 3 4 5 Next

Calhoun International, LLC
Tampa, Florida 
[Get Assistance](#)

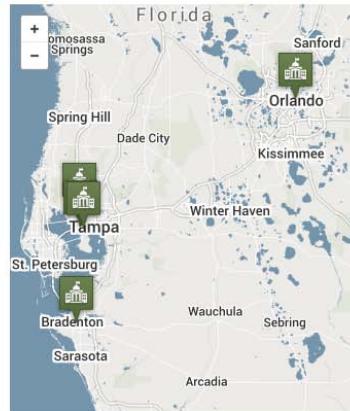
Florida Career Source Suncoast
Bradenton, Florida 
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Florida Career Source Central Florida
Orlando, Florida 
[Get Assistance](#)

Florida Career Source Tampa Bay
Tampa, Florida 
[Get Assistance](#)

The Home Depot Inc.
Tampa, Florida 
[Get Assistance](#)

Previous 1 2 3 4 5 Next



Connects veterans to resources such as employment, benefits, housing, etc in their local area.

Links employers and providers to each other to increase communication and reduce duplication of efforts.

Streamlines the access to services, reduces veteran frustration and improves outcomes

Funding

Fiscal Year 15-16 Appropriations:

Operations: \$344,106 recurring, General Revenue

Marketing: \$1,000,000 (from Visit Florida) recurring, General Revenue

Training Grants: \$2,000,000 non-recurring, General Revenue

Entrepreneurship Grant: \$1,000,000 non-recurring, General Revenue

Contact Us



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VeteransFlorida.org



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[Twitter.com/vetsfl](https://twitter.com/vetsfl)

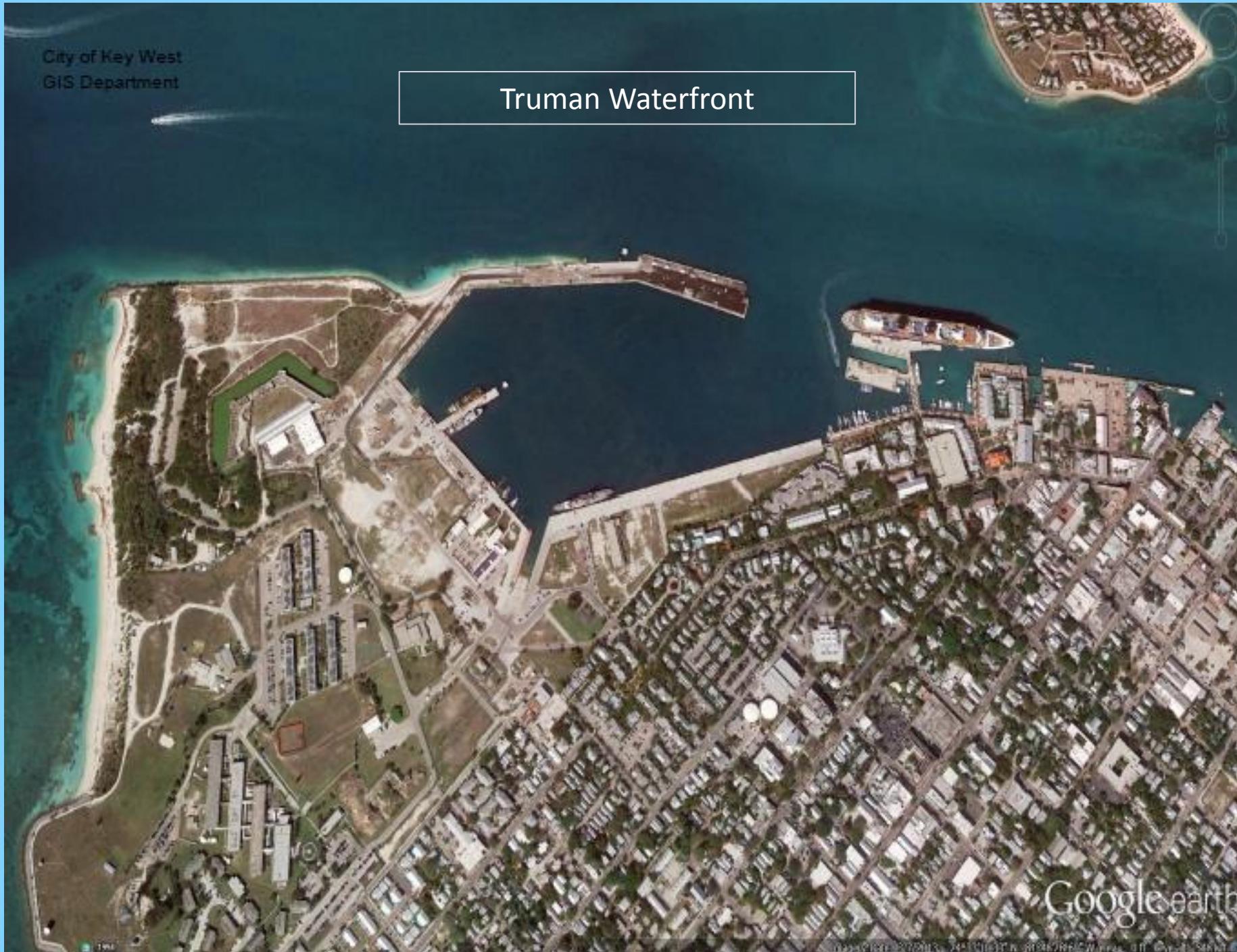


FY 2015 Florida Defense Support Task Force Grant

NASKW Enhanced Road Access via Truman Waterfront Park

Applicant: City of Key West

Truman Waterfront



Google earth

Property Conveyance/Development History

- 1995 - 50 acres of property, referred to as the Truman Waterfront, becomes available through the BRAC process
- 1997 - City completes the Federal Base Reuse Plan for the property
- 1999 - City completes Florida Chapter 288 process for zoning of the property
- 2001 - After 911, Navy removes the portion of the property called the Mole Pier
- 2002 - City acquires 33 of the original 50 acres through an Economic Development Conveyance
- 2006 - Department of Environmental Protection, Division of Recreation and Parks (Ft. Zachary Taylor) is transferred 1.5 acres of property adjoining the City Truman Waterfront and Navy Mole Pier
- 2011 - City Commission approves the final Conceptual Plan for property
- 2013-14 - City Commission/Boards approve final Master Plan for property
- 2014 - Navy reviews and approves final Master Plan

Project Description

Development of, and access through, the proposed City of Key West's 28.2 acre Truman Waterfront Park complex requires the construction of an internal Vehicle Roadway System as shown in the attached Figure. The design includes approximately 97,200 square feet of paved roadway surface and construction of a Security Entry Point to the Navy Outer Mole Pier. Of this total, approximately 45,300 square feet of roadway is being designed and will be constructed to accommodate Naval Air Station Key West (NASKW) vehicle and equipment requirements. The Vehicle Roadway System must be constructed during the first project phase (Phase I) to provide "unfettered" access to the U.S. Navy facilities. The six (6) Roadway Elements, which are requirements of the Commanding Officer of Naval Air Station Key West (NASKW) and associated pavement surface areas are as follows:

- | | |
|------------------------------|--------------------|
| • Eaton Street Access | 13,250 square feet |
| • Angela Street Access | 6,250 square feet |
| • NASKW Truman Annex Access | 10,000 square feet |
| • Building 103 Roundabout | 4,300 square feet |
| • Southard Access Roundabout | 8,000 square feet |
| • Boat Ramp | 3,500 square feet |

These Navy Access Roadway Elements and entry control point are outlined in yellow on the Truman Waterfront Park site plan (next slide).



Truman Waterfront Park



THE CITY OF KEY WEST
SOLVING PROBLEMS



A critical enabling element is the transfer of a small (less than half an acre) parcel from the State of Florida to the U.S. Navy to allow proper placement of the Mole Pier Entry Control Point (ECP).



Detail - Funding Request of \$344,000

	Area (SF)	Unit Cost (per SF)	Subtotal	Contractor Overhead (15%)	Total with Contingency (10%)	Total
Roadway Total	97,200	\$6	\$583,200	\$87,480	\$737,748	\$738,000
<u>Navy Access Locations</u>						
Eaton Street	13,250	\$6	\$79,500			
Angela Street	6,250	\$6	\$37,500			
Truman Annex	10,000	\$6	\$60,000			
Building 103 Roundabout	4,300	\$6	\$25,800			
Southard Roundabout	8,000	\$6	\$48,000			
Boat Ramp	<u>3,500</u>	\$6	<u>\$21,000</u>			
Navy Access Total	45,300		\$271,800	\$40,770	\$343,827	\$344,000

Roadway Construction Costs based on Preliminary Design Estimate Dated 13 September 2013 by RIB US Cost.



Questions?



Military Reemployment Initiative

CRAIG FARLESS STORY



CareerSource
GULF COAST

IMPROVING THE JOB CONNECTION

The Issue

- Lack of awareness of employment and training services to transitioning service members, veterans, and military spouses

The Solution

- Develop a coordinated outreach plan and activities between workforce agencies, military installations, educational institutions and community organizations

JOB CREATION

The Issue

- Economic development and workforce officials are unable to collect current and accurate data on the skill sets of transitioning military members

The Solution

- Conduct a feasibility study to develop an implementation plan for collecting the data and funneling it into DEO's Florida Occupational Supply Demand System

PERFORMANCE OUTCOMES

- Completion of feasibility study
- Results from TAP survey
- Development of an outreach plan
- Defense brochure for EDA
- Distribution of an employment and training resource guide for transitioning service members, veterans, and military spouses

RETURN ON INVESTMENT

MILITARY REEMPLOYMENT INITIATIVE



MILITARY MEMBERS

Creates jobs for transitioning military members and their families, then connects them to those jobs

BUSINESS & INDUSTRY

Provides a pipeline of workers for business and industry, specially federal contractors

ECONOMIC DEVELOPMENT

Improves competitiveness by being able to document a qualified workforce

WORKFORCE BOARDS

Enhances employment and training programs for transitioning military members and their families

PARTNERS/SUPPORTERS

- Bay Defense Alliance
- Tyndall Air Force Base
- Bay EDA
- Congressman Steve Southerland
- Florida's Great Northwest
- CareerSource Florida
- Bay County Chamber of Commerce
- Gulf Coast State College





Bob Hope Village 5

Brooke McLean
Director of Development



Eglin
AFB

AFEV

Hurlburt
Field

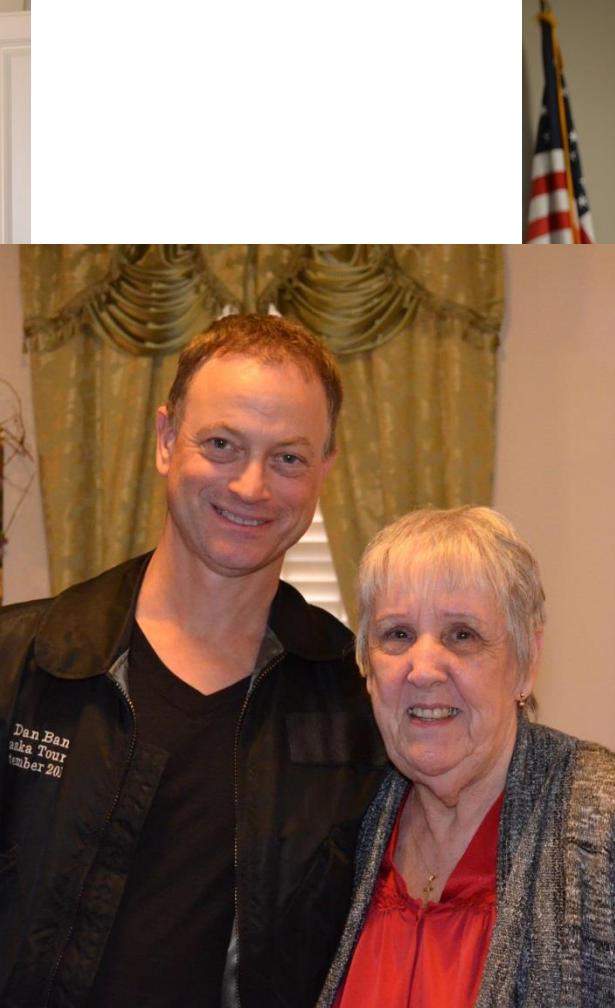


Part of the Military Community

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Imagery Date: 3/28/2013 30°26'28.13" N 86°35'50.87" W elev 10 ft elev/alt 11.53 mi

Google earth



Strengthening Relationships

BOB HOPE
VILLAGE



- **500 residents providing over \$14M in retired pay per year**
- **125 acres of former USAF land**
- **National exposure, reach, and visibility**
- **Nonprofit 501(c)(3)**
 - Supported by donations from corporations, foundations, and individuals
 - **\$7.9M annual budget**

Who We Are

- 1974 – Teresa Village Opens
- 1980 – Purchase of USAF Land
- 1985 – Bob Hope Village Opens
- 2005 – Hawthorn House Opens
- 2015 – Bob Hope Village 5 to Open



History

- Bob Hope Village
- Teresa Village
- Hawthorn House



Our Communities

Would I do this to my Mom?
Would I do this for my Mom?
Would my Mom approve?



Our Philosophy: The “Mom” Rule



Our Future

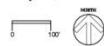


Bob Hope Village 5

Air Force Enlisted Village

Proposed Master Plan

NH # 12047
July 26, 2013



Phase 1



AIR FORCE ENLISTED VILLAGE



Bob Hope Village 5



July 2014

Bob Hope Village 5



Bob Hope Village 5





Bob Hope Village 5



Mrs. Gilmore



8[a]

FLORIDA 8[a] ALLIANCE

Florida Small Business Defense and Veteran Initiative(FSBDVI)



- focus on defense industry business growth and job creation- Economic Development
- aligning with the Florida Defense Support Task Force's (FDSTF) mission:

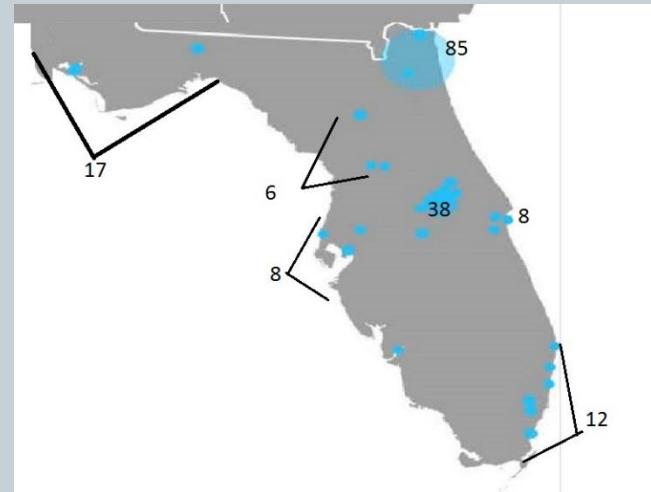
“to support the state’s position in research and development related to or arising out of military missions and contracting.”



Florida Small Business Defense and Veteran Initiative (FSBDVI)- Accomplishments



- has reached over 300 new small businesses, large primes and new partners in the state
- held an annual conference attended by over 240 individuals, **6 Workshop** training track at conference: specific to SBIR and partnering with large prime contractors
- **5 Workshops**- minimal charge \$15-\$25
- 11 webinars – No Charge
- **Participation /Outreach:** the 26th Annual Government Small Business Conference (Tampa), Jacksonville Defense Logistics Conference and Exposition (Jacksonville), 2 Federal Contracting Conference Presented by Congressman Posey (Melbourne), and Business Resource Summit (Melbourne), Entrepreneurship Training for Veterans (Jacksonville)



Geographic Distribution of 2014 Conference attendees
Go for the Greens (Orlando), Air Force Industry Day (Sandestin), Nat'l Small Business Defense Summit w/Congressman Steve Sutherland (Panama City)

Florida Small Business Defense and Veteran Initiative (FSBDVI) –ROI



ROI

FSBDVI Businesses are awarded more defense industry contracts, increase in application to SBIR programs, build new partnerships with military installations and between businesses and increase economic development throughout the state of Florida

- Contracts Awarded as direct result of FSBDVI grant since June 2013:
over \$10 Million...additional \$3 Million Pending...expect award by End of FY (14 businesses & 39 contracts)
- Webinar Participants as direct result of FSBDVI grant funds: **162**

Florida Small Business Defense and Veteran Initiative (FSBDVI) –ROI



ROI

FSBDVI Businesses are awarded more defense industry contracts, increase in application to SBIR programs, build new partnerships with military installations and between businesses and increase economic development throughout the state of Florida

- 2 Quality Small Businesses selected by **Boeing** at an FSBDVI sponsored event
- “Super conference met some potential companies that can support us. Job well done!” — **Chris Harrington, USSOCOM**
- Thank you again and continued success on what I believe will bloom into a future “Must Attend” event! - **Nelson Escribano, MacDill Air Force Base**

Florida Small Business Defense and Veteran Initiative (FSBDVI) –Private/In-kind Funding



Private Funding Sources:

- The Florida 8(a) Alliance has sought private funding:
Proposal submitted to Fifth Third Foundation-
Awaiting decision
- Private Sector Sponsors: \$30,000

Marketing The Value of Florida's Military Friendly Environment

Florida Defense Support Task Force Project
September 18, 2014

Larry Sassano
President



FLORIDA'S
Great Northwest

Florida's Great Northwest

- Regional Economic Development 501(c)6 Non-Profit Membership corporation supporting new jobs and investment throughout Northwest Florida.
- Some of our region's most valued assets –
 - More than 60,000 men and women in Aviation, Aerospace and Defense
 - Home to 6 military installations
 - 6,000 Active Duty Military separating each year.
 - 110,000+ Veterans between the age of 17-64 reside in Northwest Florida

Strong Military Friendly Environment

- Markets the region's workforce and the well-educated military component.
- Markets the technically-trained and experienced military workforce through its outreach efforts in the fields of:
 - Aviation, Aerospace, and Defense
 - Information Technology
 - Life Sciences
 - Advanced Manufacturing

Scope of Proposal

- Identify new and expanding aerospace & defense-related companies for this area.
- Make company contacts aware of VETS Program/CareerSource contacts and other veteran transition programs available.
- Work with local EDO's to market and promote the Veteran skill sets and the military base assets.

Deliverables

- Greater awareness of the value of veteran population and their dependents.
- Utilize the CareerSource connections to emphasize that military skill sets are critical components to our prospect companies.
- Enhance FGNW website to promote local & state support for military families and veterans.
- Market Florida's desire to attract more veterans & businesses interested in hiring veterans.

State of Florida Benefits

- Create a better awareness of FL's military friendly environment.
- Help strengthen and enhance quality of life factors for veterans and our military families through direct marketing initiatives.
- Direct contact with employees who are searching for qualified/well-trained workers.
- Create and enhance public awareness of FL's military friendly environment as a Branding approach to marketing the region's workforce assets.

Funding Request

- Request for \$50,000
- Leveraged 2:1 (\$100,000)
- Benefit to 5 NWFL counties with no local budget impact



FLORIDA'S

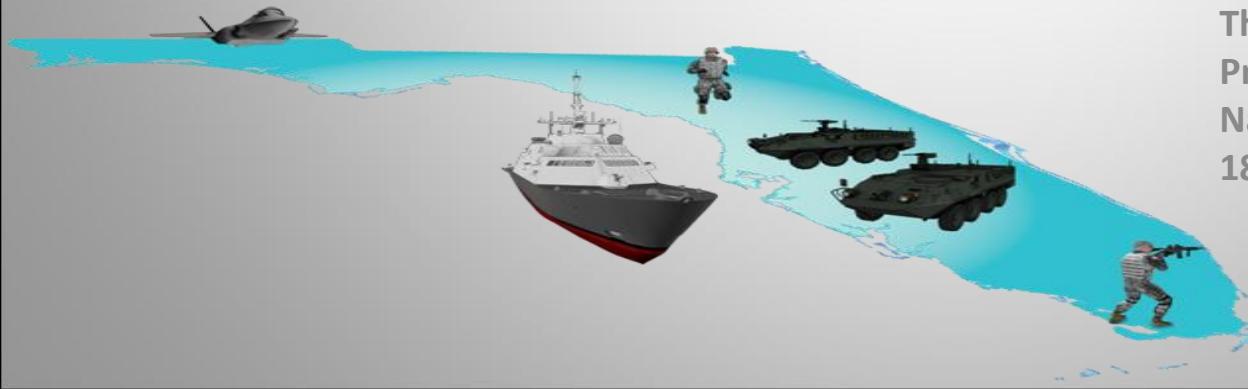
Great Northwest



THE NATIONAL CENTER
FOR SIMULATION



Naval Support Activity (NSA) Orlando—the epicenter of the world's Modeling, Simulation & Training (MS&T) Industry



Thomas L. Baptiste, Lt Gen, USAF (Ret)
President/CEO
National Center for Simulation
18 September 2014



THE NATIONAL CENTER
FOR SIMULATION



***Florida Defense Support Task Force
(FDSTF)/Metro Orlando Defense
Task Force (MODTF) #1 Objective:
solve the NSA Orlando
infrastructure shortfall to promote,
preserve, protect and expand the
Orlando installation***



Success to Date and Strategy Moving Forward

- Florida Legislature Appropriated \$8 million (May 2014) to help the MODTF execute a strategy to solve the NSA Orlando/Team Orlando Infrastructure shortfall
 - MODTF Strategy to leverage initial appropriation & FDSTF grant funding:
 - Acquire existing TechPoint 2 building—provides maximum “bang for the buck” by satisfying all of the Air Force space requirements and a portion of the Army’s
 - Place an option to acquire TechPoint 1—entire building is leased by the Army Command (PEO STRI)
 - Acquire 10.2 acres across from Partnership III to build Partnership IV (estimated at 150,000 sq ft)
 - New build could permit inclusion of a secure facility that is an unfunded requirement
 - New build could meet specialized air conditioning requirement for emerging Army requirement

NSA Orlando

UNIVERSITY OF CENTRAL
FLORIDA
Campus



- NSA Orlando Secured Boundary DoD
- - - NSA Orlando Property Un-Secured
- - - State / UCF Unsecured Boundary
- - - Commercial Lease Unsecured Boundary

Current Grant(s) Status

- FDSTF FY 2013 award \$350,000—period of performance (extended) runs through 31 Dec 2014
 - Current Status:
 - Executed/committed to date \$309,900
 - Plan for remaining funds (\$40,100) to be obligated by 31 Dec 2014:
 - Goal 1 Solve Infrastructure Shortfall—\$5,100—appraisal of Research Commons
 - Goal 2 Strategic Communications—planned efforts through I/ITSEC 2015—\$35,000
- FDSTF FY 2014 award \$350,000—current period of performance runs through 8 Jan 2015
 - Current Status:
 - Executed/committed \$0
 - Plan for remaining FY 2014 Grant funds (\$350,000) to be executed/committed from Sep 2014 -- Jan 2015 along with the \$8 million state appropriation:
 - Goal 1 Solve Infrastructure shortfall—leverage \$8 million to buy Tech Point 2 and 10.2 acres of land for future build of Partnership IV
 - Goal 1 Solve Infrastructure shortfall—\$250,000—place an option to buy Tech Point 1
 - Goal 1 Solve Infrastructure shortfall—cover estimated legal + closing \$65,000
 - Goal 2 Strategic Communications—support planned efforts through Dec 2014 \$15,000
 - Goal 6 Education/Outreach events—support planned efforts estimated at \$10,000
 - Goal 7 Contingency Funds—reserve for unforeseen expenses \$10,000



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Elements of the MODTF 2015 BRAC Mitigation Plan

- **Solve the Real Estate Issue**—continue to execute agreed real estate options to acquire 200,000 – 300,000 sq ft of office space to solve the NSA Orlando/Team Orlando infrastructure shortfall. Funds for soft development/execution (Partnership IV) costs. \$240K
- **Outreach & Engagement**—execute a Strategic Communications and Community Relations Action Plan to sustain support for protecting NSA Orlando/Team Orlando from BRAC/Sequestration/Additional DoD Budget cuts. \$75K
- **Continue to Identify real world success stories**—capture additional real world examples of NSA Orlando/Team Orlando success stories facilitated by collocation. \$TBDK—first priority is to complete infrastructure acquisition.
- **Consider an update/refresh of the 2012 Economic Impact Analysis**-- update/refresh the September 2012 Modeling and Simulation (M&S) Economic Impact Study and broaden the focus to include the impact of NSA Orlando/ Team Orlando across the U.S. and internationally. \$TBDK—first priority is to complete infrastructure acquisition.



THE NATIONAL CENTER
FOR SIMULATION

Elements of the MODTF 2015 BRAC Mitigation Plan Cont'd



- **Targeted Outreach & Engagement Events**—plan, organize and execute focused educational and outreach events in partnership with the Metro Orlando EDC and the Central Florida Partnership. \$10K
- **Contingency funds**--Undertake additional activities/initiatives as deemed appropriate to protect, grow and enhance NSA Orlando/Team Orlando and the MS&T Industry cluster in Florida. \$25K

**The MODTF funding request for FY 2015 is
\$350,000**

FLORIDA DEFENSE SUPPORT TASK FORCE

Installation Encroachment Acquisition

Installation Encroachment Acquisition: \$800,000

This project will provide the funding to purchase 159 acres adjacent to Camp Blanding Joint Training Center and the Belmore State Forest-Satsuma Tract in Clay County, FL. This property (also known as the “Green property”) is under one of the major flight corridors for rotor wing aircraft that links South post to the North part of the installation. The development pressure from Middleburg has prompted CBJTC to make the east side of the installation the highest priority for protection from development encroachment.

FLORIDA SUPPORT DEFENSE TASK FORCE

PURPOSE

This project will provide funding for the acquisition of additional buffer land adjacent to the eastern border of Camp Blanding Joint Training Center.

The objective of this project is to leverage Federal Readiness and Environmental Protection Integration Program (REPI) dollars combined with FDSTF Grant funding to purchase the identified 159 acres. This will buffer the installation from future development and encroachment. The SJRWMD have indicated their willingness to handle the specifics of the sale including the appraisals and contract negotiations.

FLORIDA SUPPORT DEFENSE TASK FORCE

CRITERIA

This project directly supports the FDSTF mission, as described in F.S. 288.987, by preserving, protecting, and enhancing Florida's military installations and to improve the state's military friendly environment for service members that bring military and base related jobs to the state. The buffer will serve as protection from future development related land use impacts to the military installation as well as establishing an expanded buffer around Camp Blanding that will ease strained relations with nearby residents thus improving the military friendly environment in Clay County. An additional benefit provided by a permanent buffer area adjacent to the border of the installation, is that it protects natural wetlands and State listed flora and fauna from development activities. The buffer also serves as protection from development related land use impacts to the military installation.

This parcel is not included in the current Florida Forever Program and would be acquired under non-conservation lands, managed by the Florida Forest Service and added to the Belmore State Forest.

This project aligns with the Florida Defense Support Task Force's guiding principles (goals) as identified in the FDSTF Strategic Plan dated 7/19/13, to Identify, prioritize and address all current and potential base and range encroachment issues, including, but not limited to airspace and land use compatibility.

Additionally, in accordance with the SPECTRUM Group Assessment of CBJTC for the FDSTF (8/15/12), this project directly addresses an identified weakness in the SWOT analysis; potential encroachment in out years.

"The potential threat posed by land development along CBJTC's eastern and northeastern boundaries may be mitigated in part through identification of these lands for federal, state, and conservation purchase or easement".
The acquisition of this property would directly address the threat of encroachment on the installations eastern boundary.

Finally, the FDSTF Strategic Plan long-term strategic goals for all military installations are addressed by promoting and growing Florida's military missions and installations; specifically, by providing support for the acquisition of land to prevent encroachment, preventing and mitigating encroachment affecting installations, ranges, and flight corridors. The buffer would also facilitate training capability growth within the current boundaries of the installation, as well as protect and safeguard current and future training operations at Camp Blanding.

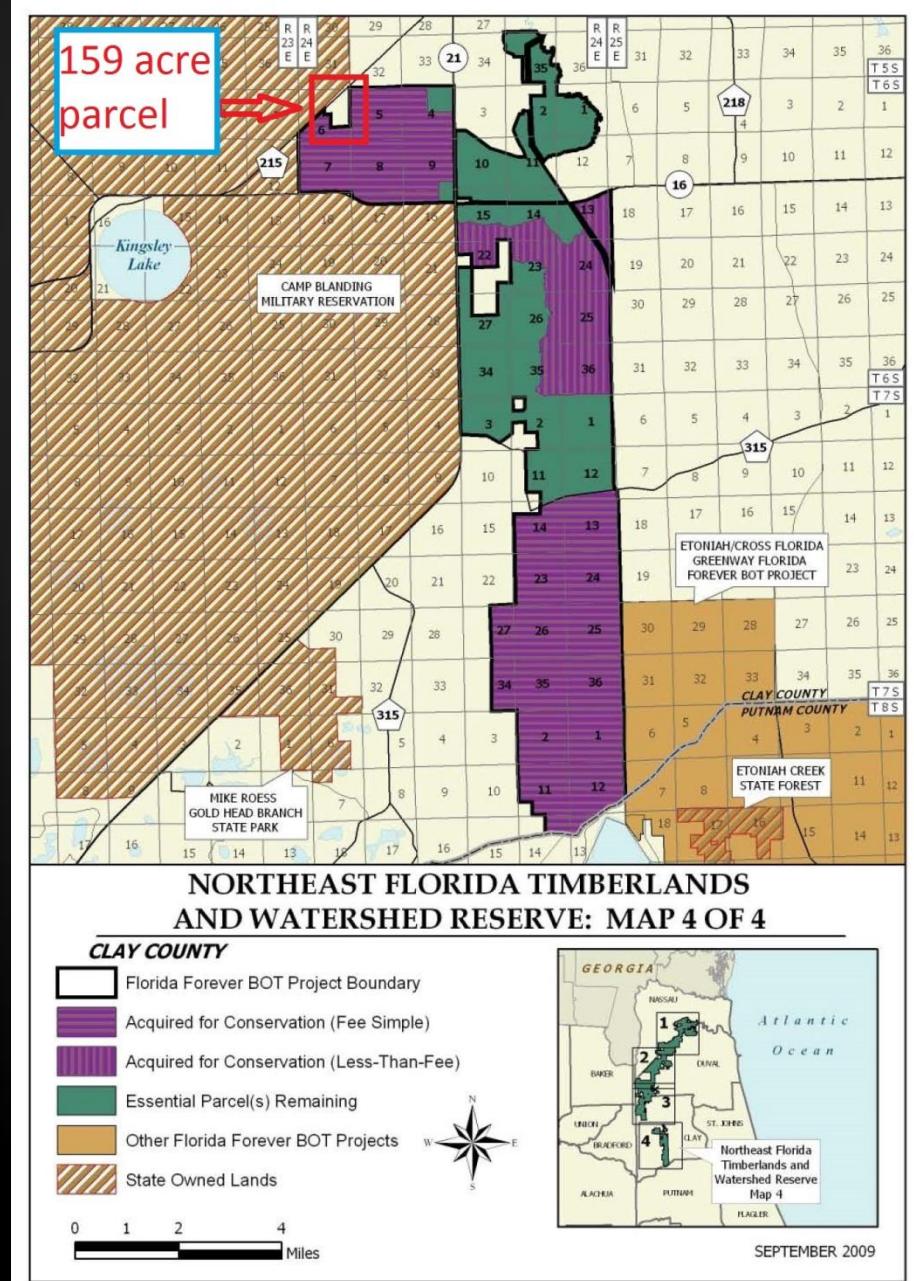
FLORIDA SUPPORT DEFENSE TASK FORCE

FUNDING REQUEST AND DELIVERABLES

\$800,000

Acquisition of 159 acres along
the eastern boundary of
Camp Blanding Joint Training
Center.

\$400,000 of FSDTF Grant funding will be leveraged with \$400,000 of REPI funds, enabling the appraisal, surveying, and acquisition (fee simple).





FY 2015 FDSTF Grants



**Lt Col Buck MacLaughlin, USAF Ret., on
behalf of the Polk County Board of County
Commissioners**



FY 2015 FDSTF Grants



- This project will prevent future encroachment on the mission of the Avon Park Air Force Range (APAFR) through acquisition of land and/or specific property rights.

- Opportunity to expand Encroachment Protection to Polk County
- Opportunity to protect more acreage
- Opportunity to leverage FDSTF and DIG funds



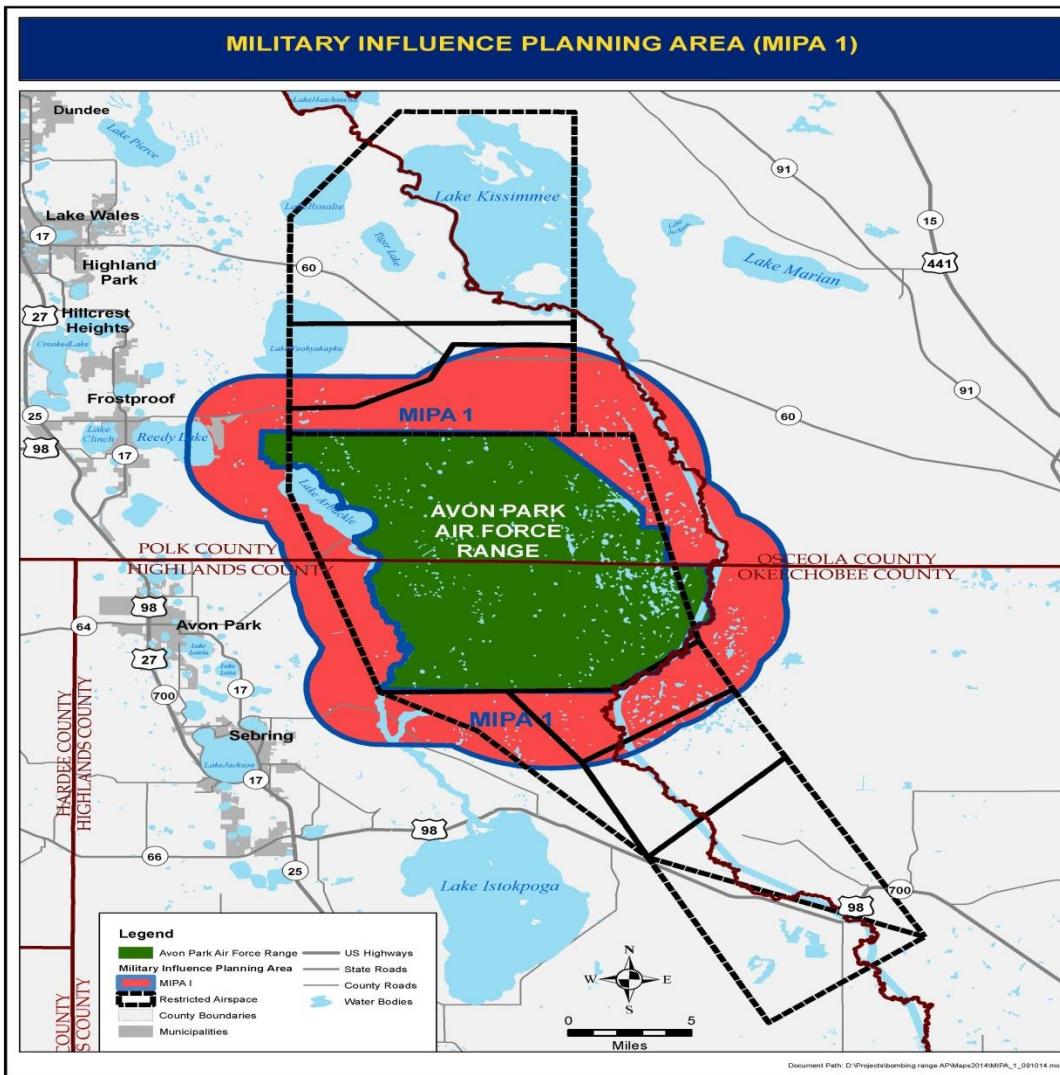
FY 2015 FDSTF Grants



- This project is consistent with:
 - The 2010 APAFR Joint Land Use Study
 - The 2014 APAFR Installation Complex Encroachment Management Action Plan (ICEMAP)
 - The FDSTF Strategic Plan

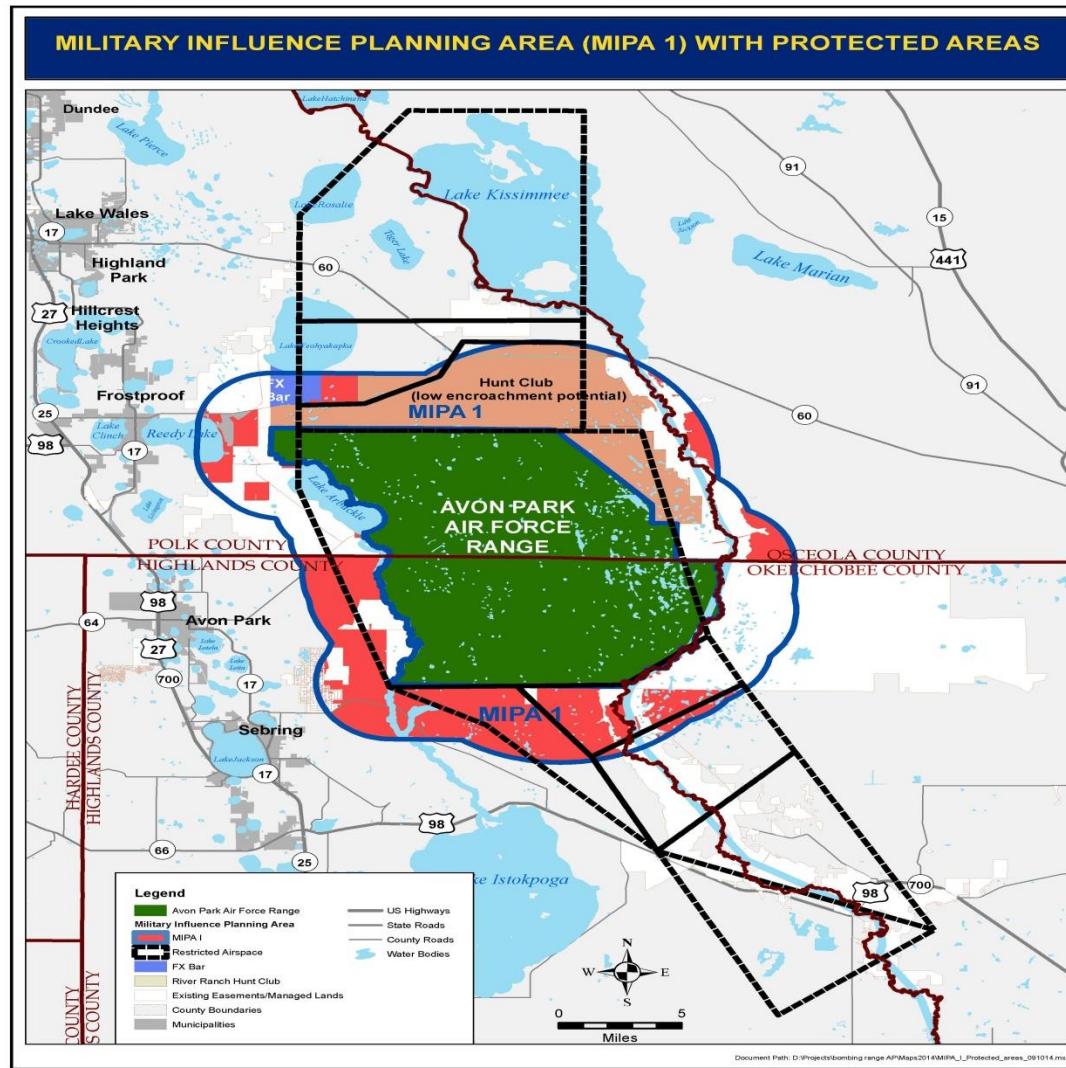


FY 2015 FDSTF Grants





FY 2015 FDSTF Grants





FY 2015 FDSTF Grants



- Consistent with APAFR JLUS, ICEMAP and FDSTF Strategic Plan
- Expand Encroachment Protection efforts to Polk County
- Minimize due diligence to maximize acreage
- Compete for future REPI awards





Questions?





FLORIDA DEFENSE SUPPORT TASK FORCE

2014-2015 Grant Program

P4 Tri-County Community Partnership Initiative
Supporting Eglin AFB and Hurlburt Field
Leveraging Partnerships for a Multi-Use Technology Center

September 18, 2014



Tri-County Community Partnership Initiative (TCPI)

- ▶ Current FDSTF Awardee (grant documents executed on 13 March 2014)
- ▶ Eglin AFB rolled out Air Force CPI 15 April 2014
- ▶ Grant scope adjusted to accommodate USAF-directed Community Partnership Initiative (CPI)
- ▶ Established Formal link with Eglin P4 Liaison
- ▶ Established 20+ member TCPI Board
 - Local governments, installation representatives, service providers, utilities, financial experts, real property experts, chambers of commerce, etc.
 - CPI and TCPI share common Leadership Committee



TCPI Accomplishments to Date

- ▶ Conducted numerous community engagement events
 - Chambers of Commerce, Military and Government Affairs Committees
 - Association of Defense Communities National Summit
 - SAF/IE to detail our unique “pathfinder” approach to CPI
- ▶ Facilitated, educated, and coordinated with local governments, business leaders, and utility providers – MOUs / MOAs
- ▶ Created a working inventory of existing Eglin partnership agreements
- ▶ Conducted early Business Case Analysis
- ▶ Identified two significant P4 opportunities; complementary advanced technology platforms benefitting Eglin AFB with “best practice” potential



TCPI – FY 2015 Program of Work

- ▶ Builds upon success of FDSTF grant DTF 14-11 establishing TCPI
- ▶ Utilize TCPI Board for continued P4 idea generation and concept development
- ▶ Program Supports
 - Execution and oversight of Eglin CPI projects
 - Analyze and advance next round of projects
 - Participation in quarterly AF CPI meetings
 - Increase public engagement / share lessons learned
- ▶ Three Focal Areas
 - Tri-County Community Partnership Initiative
 - Autonomous Vehicle Center (AVC)
 - Advanced Energy Technology Center (AETC)



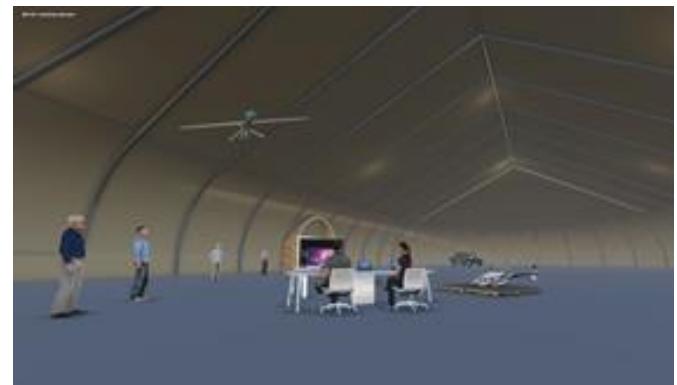
Autonomous Vehicle Center – AVC

- ▶ Partnership among EDC, University of Florida, Air Force Research Lab (AFRL) and Private Sector
- ▶ Support growing research and testing needs in the area of micro-unmanned air and ground vehicle systems
- ▶ Co-located with UF's existing Research Engineering & Education Facility (REEF)
- ▶ Key Milestones
 - Economic Impact Study
 - Business Case Analyses
 - Preliminary Site Plan
 - AFRL Letter of Support – April 2014
 - UF / EDC MOU – June 2014



Autonomous Vehicle Center – AVC

- ▶ Proposed 68,000 SF
 - 60,000 SF testing space
 - 8,000 SF classroom and meeting space
 - “Aero-Dome” facility of translucent materials
- ▶ GPS technology
 - Enables penetration of radio frequencies
- ▶ Program Supports Pre-Construction Activities
 - Stage Two Site Planning
 - Boundary Survey
 - Soil Studies
 - Wetlands Survey
 - Phase One Environmental



Advanced Energy Technology Center -AETC

- ▶ Test & Evaluate New Technologies
 - Evaluate New Energy/Fuel Technologies, Increase Energy Security, and Reduce Utility Expenditures to Sustain and Enhance the Military Mission
- ▶ Foster a Culture of Collaboration
 - Establish Partnerships Between Military, Federal/State Agencies, Private Sector, Academia, and other NGOs
- ▶ State-of-the-Art Energy Training Center
 - A Dedicated Training Platform for Scientists, Engineers, and Utility Managers to Promote Resource Conservation, Renewable Energy, High-Performance Construction, Alternative Transportation, and “NextGen” Fuels



Advanced Energy Technology Center -AETC

- ▶ Program Supports Pre-Construction Activities
 - Site Evaluation
 - Phase One Environmental
 - Comprehensive Master Plan
 - Stakeholder Meetings



TCPI Summary

- ▶ Continue to coordinate, facilitate and accelerate P4 activities
- ▶ Serve as a portal for broadcasting and receiving new partnership opportunities
- ▶ Accomplish multi-use technology center site requirements
 - Autonomous Vehicle Center
 - Advanced Energy Technology Center
 - Adjacent to and in partnership with University of Florida Research Engineering and Education Facility



Florida Autonomous Systems

Emergency Response Exercise

**CAPT (ret) Jim Kuzma
Chief Operating Officer
Space Florida**

FDSTF FY15 Funding Application

September 18, 2014





BLUF

Space Florida requesting \$38,500 to support the injection of unmanned aircraft systems (UAS) into the annual disaster response exercise conducted at Camp Blanding Joint Training Center (CBJTC).

- This positive step will enable legal, controlled, and safe operations for Florida National Guard and civil emergency response partners to train together on a technology that has great potential to save lives.
- The exercise will provide an opportunity to inject UAS capability into disaster-type scenarios, such as locating hurricane survivors, identifying wild fire movement, or surveying industrial accidents.
- CBJTC is the only State of Florida facility with controlled airspace **suitable for this type of collaborative training.**



Why Now

■ Background

- The use of UAS capability during an emergency response, combined with techniques for data processing and delivery, will improve situation awareness for decision makers.
- Although the capability is undeniable, UAS have rarely been deployed for domestic disaster responses.

■ Need

- UAS airspace is tightly controlled by the FAA and obtaining permissible airspace to conduct joint-civil training remains a significant challenge.
- Airspace accessibility has hindered few, if any efforts to integrate local-regional-state UAS capability into emergency response efforts.
- Airspace access has created an implementation gap that will not be addressed until a suitable airspace venue for joint-civil UAS is created.

Manage Risk

Integration of UAS technology into the emergency response enterprise should occur in a controlled environment, using accepted processes, in appropriate venue



Solution

- **Camp Blanding Joint Training Center (CBJTC)**
 - Only State of Florida facility with associated Special Use Airspace (SUA).
 - It's this unique combination that creates an optimum Florida training environment, coupling over 70,000 acres with SUA, enabling legal, controlled, and safe airspace for joint-civil UAS operations.
- **Request:** Funds to inject civil-UAS element into emergency response exercise conducted at CBJTC.
- **Objectives**
 - Improve emergency response capability, mutually benefiting Florida and the defense community.
 - Enhance Florida National Guard emergency response military mission by enabling joint-civil UAS training, operations, and research and development at CBJTC.
 - Promote UAS technology to emergency response community in a controlled, safe, and authorized venue.



Alignment with FDSTF Strategy

- **FDSTF Mission**
 - ✓ “To support the state’s position in research and development related to or arising out of military missions and contracting.”
- **Long Term FDSTF Strategic Goals**
 - ✓ “Focus on advocacy efforts to obtain results which are mutually beneficial to Florida and the defense community.”
 - ✓ “Increase existing missions and add compatible missions that fit with the capacity and infrastructure of the installation.”
 - ✓ “Expand ranges and bases in Florida in cooperation with Space Florida for DoD Unmanned Aerial Vehicle (UAV) testing and training.”

- **Short Term FDSTF Strategic Goals at *National-Level***
 - ✓ “[CJTC] Support establishment of a Regional Reserve Component Joint Training Center as a Center of Excellence for Disaster Response.”
 - **Short Term FDSTF Strategic Goals at *State-Level***
 - ✓ “[CJTC] Develop separate marketing/information campaigns to: Encourage transfer or standup of remotely piloted vehicle training.”



Project Summary

Budget

Task	Activity	Cost
1.0	UAS Operations and Safety Management System processes	30,000
2.0	Exercise Development and Planning	8,500
	Total Requested	38,500

Project Management

- *Manager:* Space Florida
- *Funds:* Contract support
- *Timeline:* 2015 CBJTC Exercise
- *Primary Efforts:* UAS safety management system development, exercise planning and support

Deliverables

- Safe and compliant UAS ops for civil participants
- Design, plan and execute UAS component within annual emergency response exercise

Expected Benefits

- Enhanced CBJTC viability
- Increased Florida R&D related to military missions
- Improved shared military-civilian mission for emergency response



Back-up



Space Florida UAS Process

**Until FAA Regulations are developed,
Space Florida uses its own *processes and procedures* for comprehensive
UAS planning, certification, and operations**





Past Performance

Space Florida conducted two, first-of-their-kind UAS events

▪ UAS Risk Pathfinder

- *When:* Feb 27-28, 2014
- *Flight Ops:* 21 sorties, 121 min total flight time
- *Location:* Exploration Park, FL
- *Participants:* 4 organizations flying fixed wing & multi-rotor UAS



▪ UAS Aeronautical Research Challenge

- *When:* May 10-11, 2014
- *Flight Ops:* 26 sorties, 217 min total flight time
- *Location:* Exploration Park, FL
- *Participants:* 10 organizations flying fixed wing & multi-rotor UAS
- *Co-hosted:* In cooperation with AUVSI, NASA-KSC, and USAF 45th SW
- *Monitored:* by FAA Examiner, lauded as successful model for UAS future events





May 11 Event - UAS Participants

Sample of Space Florida Certification Criteria and Considerations

	A	B	C		D	E	F	G	H	I
Unit Name	A1	B1	C1	C2	D1	E1	F1	G1	H1	I1
Type	VTOL-Battery	VTOL-Battery	Fixed Wing-Battery	VTOL-Battery	Fixed Wing-Battery	Fixed Wing-Battery	Fixed Wing-Battery	Fixed Wing-Battery	VTOL-Battery	Fixed Wing-Battery
Airworthiness Certification	CASA (Australia)	None	FAA Experimental	None	NCSU	USAFAF	None	None	No	None
FAA COA	No	No	Yes	No	2013-ESA-65-COA	No	No	No	2013-CSA-77-COA	No
Operational Experience	> 2000 hrs >12,000 sorties	> 63 hrs > 189 sorties	> 4000 hrs > 5,000 sorties	> 30 hrs > 100 sorties	> 4000 hrs >900 sorties	> 2000 hrs > 3500 sorties	> 200 hrs	> 200 sorties	> 200 hrs	> 200 hrs
Frequency Spectrum	Amateur Band	Amateur Band	Amateur Band	Amateur Band	Amateur Band	Amateur Band	Amateur Band	Amateur Band	Amateur Band	Amateur Band
Fly-away Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aircraft Performance Recording	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Flight / Ground Training	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Medical	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Research Assessment										
Category	CAT 1A	CAT 1A	CAT 1A	CAT 1A	CAT 1A	CAT 1A	CAT 1A	CAT 1 (62 KTS)	CAT 1A	CAT 1A

General System Description

Angel Eyes <ul style="list-style-type: none"> Cyber Quad Maxi <ul style="list-style-type: none"> Air Vehicle Cyber Quad, Cyber Technology, Australia Four brushless fans Autopilot: MikroKopter Lipo Wingspan: 27" Height: 11" Length: 22" Weight: 4.6lb Wind: 15 kts Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.400 – 2.483 GHz Video: 5.725 – 5.875 GHz Datalink: 909 – 912 MHz 	Priora Robotics <ul style="list-style-type: none"> Hexcopter <ul style="list-style-type: none"> Air Vehicle DJI S500, Priora Robotics Integration Four brushless motors Autopilot: WeeKong-M Lipo Wingspan: 31.5" Height: 13.5" Length: 19.7" Wind: 16 kts Weight: 15 lbs Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.4 GHz Video: 5.8 GHz Datalink: 902 – 928 MHz 	Precision Hawk <ul style="list-style-type: none"> Lancaster MK III <ul style="list-style-type: none"> Aircraft Precision Hawk USA Inc., Noblesville, IN Fixed Wing Autopilot: APM 2.8 Lipo Wingspan: 59" Height: 5.5" Length: 11.5" Weight: 4.5 lbs C2 Range: 4 km Speed: 33 kts Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.400 – 2.483 GHz Video: 2.400 – 2.483 GHz Datalink: 915 MHz 	NVOS <ul style="list-style-type: none"> N-Cognito <ul style="list-style-type: none"> Aircraft UVOS, Sanford, FL Fixed Wing Autopilot: UThrone Lipo Wingspan: 75" Height: 5.5" Length: 7.7" Weight: 7.7 lbs C2 Range: 7.2 nm Speed: 62 kts (Cir. 1) Endurance: 40 min Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.4 GHz Video: 5.8 GHz Datalink: 900 MHz 	ERAU <ul style="list-style-type: none"> Androne UAS <ul style="list-style-type: none"> Aircraft Zephry Innovating RC Apache Junction, AZ Fixed Wing Autopilot: ArduPilot APM 2.8 Lipo Wingspan: 4.5" Length: 2.3" Weight: 0.8 lbs C2 Range: 1.3 nm Speed: 14 kts Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 900 MHz Video: 2.4 GHz Datalink: 2.4 GHz
Elevated Horizons <ul style="list-style-type: none"> Agri-6 <ul style="list-style-type: none"> Air Vehicle Droidworks, Aeroneavics, New Zealand Four motors Autopilot: WeeKong-M Lipo Wingspan: 30" Height: 24" Length: 36" Wind: 24 kts Weight: 20 lbs C2 range: 1 nm Speed: 32 kts Endurance: 13-17 min GCS/Controller: Futaba hand held controller DJI IPK display Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.400 – 2.483 GHz Video: 5.8 GHz Datalink: 2.400 – 2.483 GHz 	Priora Robotics <ul style="list-style-type: none"> Maveric <ul style="list-style-type: none"> Air Vehicle Priora Robotics Fixed Wing Autopilot: Nestrel Lipo Wingspan: 25.5" Height: 8" Length: 25.5" Weight: 2.6 lbs Wind: 20 kts C2 range: 3.1 nm Speed: 15 kts Endurance: 45-70 min GCS/Controller: OEM software on laptop Falcon View display Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 900 MHz Video: 5.8 GHz Datalink: 902 – 928 MHz 	Aeryon Labs <ul style="list-style-type: none"> SkyRanger <ul style="list-style-type: none"> Aircraft Aeryon Labs, Waterloo, Canada Autopilot: OEM Lipo Wingspan: 45" Height: 9.3" Length: 2.6 ft Weight: 20 lbs C2 Range: 1.5 nm Speed: 15 kts Endurance: 50 min GCS/Controller: Base station and tablet Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 900 MHz Video: 900 MHz Datalink: 900 MHz 	Aurora <ul style="list-style-type: none"> Skate <ul style="list-style-type: none"> Air Vehicle Aurora Flight Sciences, Manassas, VA Autopilot: OEM Lipo Wingspan: 24" Height: 9" Length: 19" Weight: 7.5 lb Wind: 20 lbs C2 Range: 1.6 nm Speed: 15 kts Endurance: 60 min GCS/Controller: Modular system with an integrated video display Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.405 – 2.470 GHz Video: 2.405 – 2.470 GHz Datalink: 2.400 – 2.483 GHz 	NCSU <ul style="list-style-type: none"> Vireo <ul style="list-style-type: none"> Air Vehicle Aurora Flight Sciences, Manassas, VA Autopilot: OEM Lipo Wingspan: 4.5" Length: 1.2" Weight: 3.5 lbs Wind: 20 C2 Range: 10 nm Speed: 15 kts Endurance: 60 min GCS/Controller: Teltek PC Frequency Info <ul style="list-style-type: none"> Modulation: FHSS Control: 2.405 – 2.470 GHz Video: 2.405 – 2.470 GHz Datalink: 2.405 – 2.470 GHz

MacDill A.F.B.

'MAINTAINING OUR GLIDEPATH'

"The demand for what the Air Force provides is on the rise, unfortunately the supply is going in the other direction. The cuts are real, the issues are serious."

- Gen Welsh, CSAF

It ain't over, til its over !

- Yogi Berra



Our Treasure

Eye of the Storm

Perception



Our Treasure

- 73 Year Legacy
- 6 AMW/927 ARW ➔ “Best Mobility Wing” Twice
- \$13.9B & 142,000 Jobs
- **Only Mobility/Tanker MOB in SE U.S.**
- West Portal to High Tech Corridor
- **AND** Home to CENTCOM & SOCOM

Eye of the Storm

Engagement wins . . .

- AF: + 8 KC-135s ➔ + \$32M Beddown
- Army: +23 UH-60s ➔ + 57M Milcon
- FL Rock Parcel ➔ Prevent Encroachment
- USSOCOM ➔ Building Inward to McD

Perceptions – *More to be done*

- BRAC '95 – MacDill's Scores 'Low'
- KC-46 Basing – Scores 'Low'
- "MacDill Is Home To CENTCOM & SOCOM"
- Location/Legacy ➔ Secondary priority
- **'Off the Scope' of Washington DC & Pentagon**

Reality: Must stay the course . . It ain't over

Objectives

Deconflicting

Game Plan

Objectives

- **Secure MacDill – Enhance Potential**
 - Ph II: Engage - Influence
 - Ph III: Execute - Sustain
 - Endure Budget/BRAC Challenges
 - Bring More Missions/Operations

- **P4: Florida Rock Purchase – What Next ?**
 - “Plan” w/ FL DEP, Mayor, Wing Cdr
 - Permanently prevent Encroachment
 - Vision to enhance Parcel (Environmentally, Operationally & Quality of Life)



Deconflicting

- | | |
|---|-------------------|
| <ul style="list-style-type: none"> ➤ FDSTF 2013 -14 | \$ 225,000 |
| <ul style="list-style-type: none"> ➤ <i>MacDill 2025 Phase I – Plan</i> ➤ <i>Deloitte Agreement</i> ➤ <i>Due 1Qtr/2015</i> | |
| <ul style="list-style-type: none"> ➤ DRG 2014-15 | \$ 109,950 |
| <ul style="list-style-type: none"> ➤ <i>Tampa Chamber/EDC lead</i> ➤ <i>TBDA – Continue path – Tell Story & Relationship Building</i> | |
| <ul style="list-style-type: none"> ➤ DRG 2013-14 | \$ 80,000 |
| <ul style="list-style-type: none"> ➤ <i>Sequestration, Awareness, Partnerships</i> | |

Game Plan

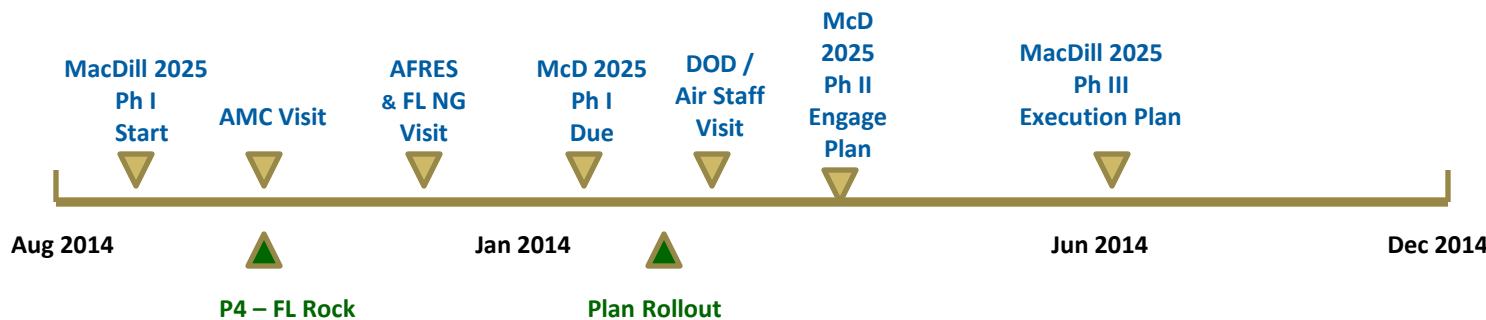
- **MacDill 2025 – Sustain & Go Concurrent**
 - Deloitte is Lead (LtGen Soligan – fmr McD Wg Cdr)
 - Vision – Engagement – Execution ➔ In Parallel
- **Maintain Glidepath** – Phase I on-going; **Ph II & III a must**
 - Relationships – *Priceless !* 2014: ‘Year of Engagement’
- **Florida Rock – Big Win.** Now, need to secure future
 - P4 to develop Plan – Prevent any Encroachment
 - Transform Land for Quality of Life & Mutual Use (e.g. Park & Ride)

Performance

ROI

The Ask

Performance Measures



ROI

- MacDill – Defend, Strengthen & Expand
 - Opportunities – Attract More !
 - Army Reserve Helos (23 UH-60s/170 jobs)
 - + 8 KC-135s – more Tankers ?
 - UAVs – Cyber - Emerging
- Changing Perceptions → Securing Future
- MacDill 2025 → Ph II & III – Maintain Glidepath
- Florida Rock 'What's next' ??

The Ask

- | | |
|-------------------------------|------------|
| • MacDill 2025 Sustainment | \$ 150,000 |
| – Ph II: Engagement Strategy | |
| – Ph III: Execution Strategy | |
| • P4: Vision/Plan for FL Rock | \$ 75,000 |
| – Plan Development | |
| Total: \$ 225,000 * | |
| * Match: Over \$ 82,000 | |

Why

What

How

“Why”

- **MacDill 2025 Phase I Plan underway**
 - Sustaining Momentum crucial
 - Change Perceptions – Stay Course til over
- **Potential Boundless – Halting now tragic**
 - + 23 Army Helos & \$57M
 - + 8 KC-135s & \$32M

} Success
- **FL Rock – 25 Acres – Ops & QOL Potential**
 - *We got it – What do we do with it ?*
 - *Secure future with Community led Plan*

“ MacDill’s a treasure waiting to be discovered ”



“What”

- **Sustain MacDill 2025 – Ph II/Engagement & Ph III/Execution – Maintain Glidepath til end**
- **Transform Perceptions – Strategic Treasure**
 - Deloitte - Lead
 - Engage w/Influencers
 - Tell Story
 - Host & Boast

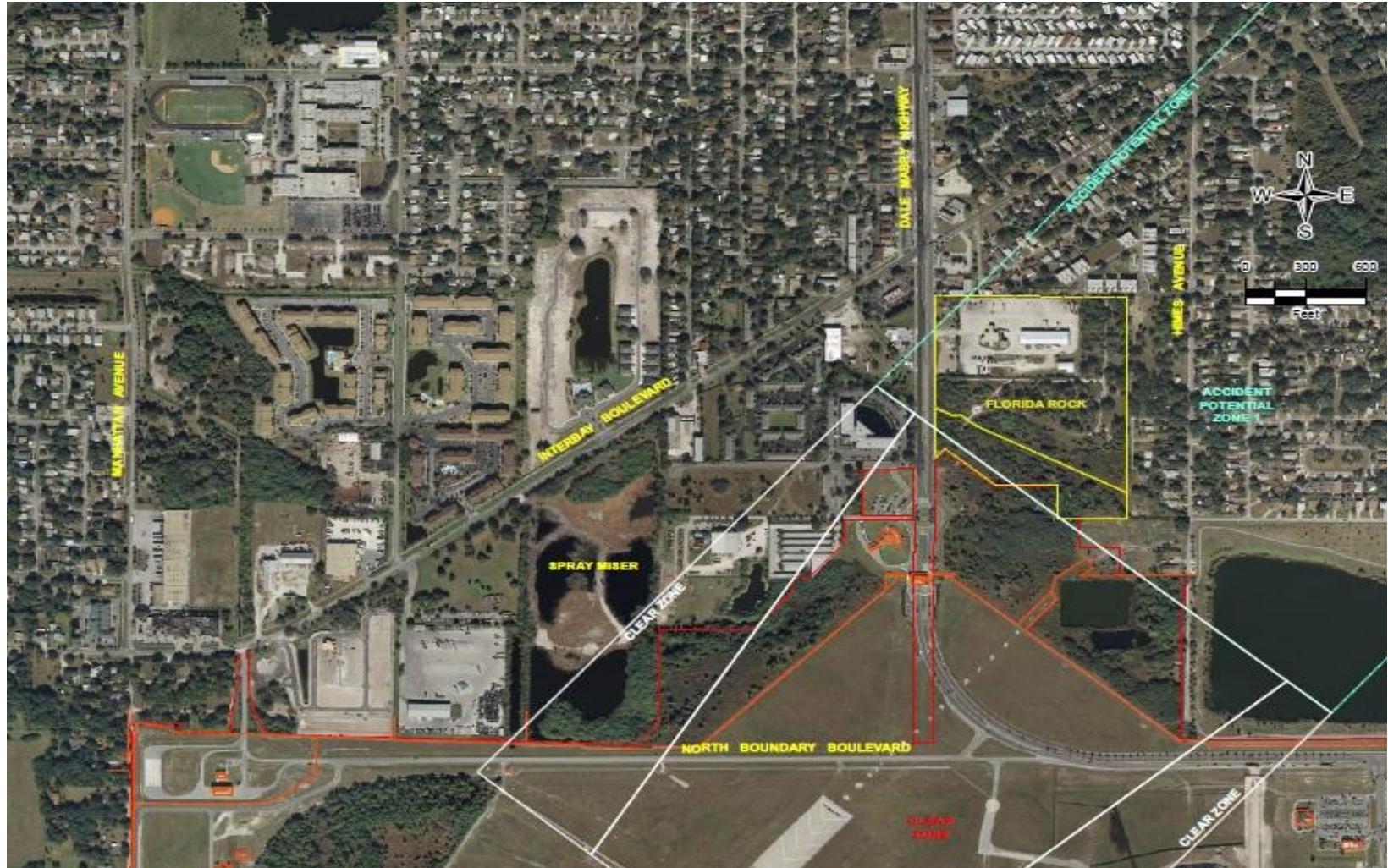
2015: ‘Year of Engagement’
- **P4: Plan Future of FL Rock – ‘What Now ?’**
 - Community Partnership Initiative
 - Grant: For ‘Planning’ only
 - Build Plan – City Execute

“How”

- **MacDill 2025 – Finish what’s started; Maintain glidepath**
 - Complete Ph II & III – Engage & Execute
 - Change Perceptions – Win more Tankers/Force Structure
- **Pick ‘Targets’ – Influencers, Audience, Orgs, Events**
- **Relationships – Respect – Leverage**
- **FL Rock – Bring together ‘One Team’ – forge Plan**
 - Environmental, Community & MacDill friendly
 - ‘One Voice’ on development with State & City

Engage, Engage, Re-Engage !

Florida Rock Truck Distribution Center



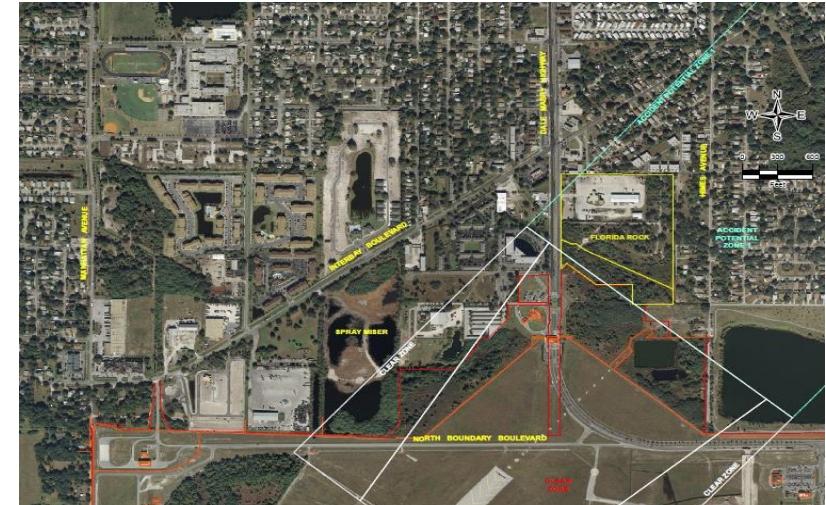
Florida Rock Purchase – Huge Win – Now what is the plan ?

- Thank you – DEO, DEP & FDSTF – Prevents Encroachment forever
- Owned by State of Florida – Preserved by Tampa and MacDill

Objective: Transform FL Rock parcel to an environmental, community and MacDill Friendly use.

Means: P4 Initiative – Build a ‘Plan’

- One Team: DEP, City of Tampa & MacDill AFB jointly
- Actual Development to be done by City of Tampa
- Strong Community Partnership Initiative drive operational viability as well as QOL of MacDill & S. Tampa Community



One Team

One Voice

One Mission

We won't be sitting . . . Waiting for Bad News !

MacDill is our Treasure

"You've got to be careful, if you don't know where you are going, you might not get there."

- Yogi

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SSgt Charles Cash - 6 Trans - MacDill