

The Florida Senate
COMMITTEE MEETING EXPANDED AGENDA
MILITARY AND VETERANS AFFAIRS, SPACE, AND
DOMESTIC SECURITY
Senator Wright, Chair
Senator Torres, Vice Chair

MEETING DATE: Tuesday, February 7, 2023

TIME: 3:30—5:30 p.m.

PLACE: 301 Senate Building

MEMBERS: Senator Wright, Chair; Senator Torres, Vice Chair; Senators Berman, Calatayud, Collins, Pizzo, and Rodriguez

| TAB | BILL NO. and INTRODUCER | BILL DESCRIPTION and SENATE COMMITTEE ACTIONS | COMMITTEE ACTION |
|---------------------------------|-------------------------|---|------------------|
| 1 | | Presentation on the United States Space Force by Colonel Mark Shoemaker, Vice Commander for Operations, Space Launch Delta 45, Cape Canaveral Space Force Station | Presented |
| 2 | | Presentation on the Florida Defense Support Task Force and the Florida Defense Alliance by Enterprise Florida | Presented |
| Other Related Meeting Documents | | | |



Space Launch Delta 45 Assured Access

Mark Shoemaker, Colonel, USSF

Overall Classification: UNCLASSIFIED

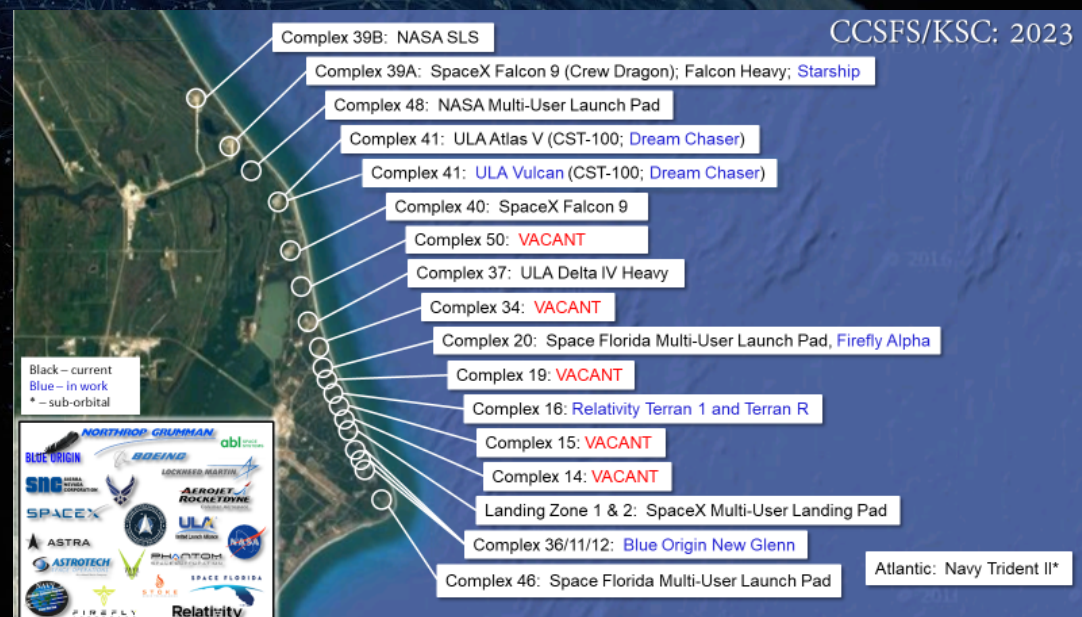
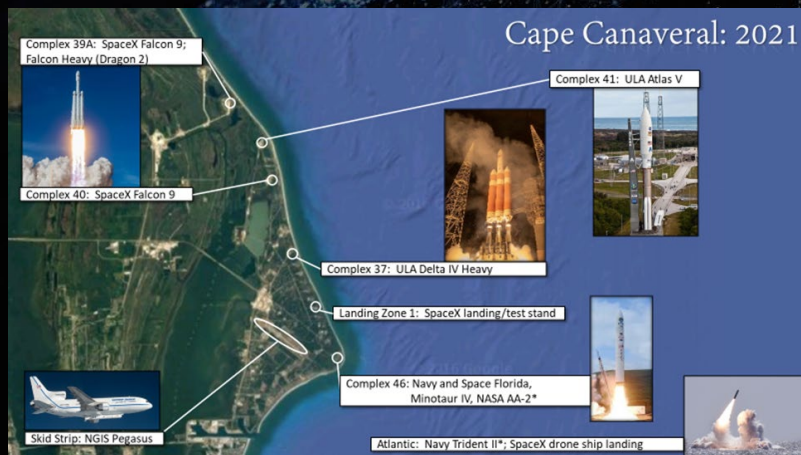
Space Launch Delta 45



Key Facts & Figures

- 15 million sq mile Area of Responsibility
- 3 Installations, 3 airfields, 70 mission partners, >22K acres of land
- 16K+ personnel on the installations (includes Mission Partners)
- Total Economic impact of \$1.19B – 5, 041 jobs/\$274M value
- 2022 - 57 launches
 - 83% increase over 2021
 - 1.6K payloads, 12 persons to space
 - 88% of projected
 - 2-in 24 (1st time in over 55 years)
 - 332 Requests to Launch in 2022
 - 51% increase from 2021

- 2023 – Projecting ~90 launches
 - 60% increase from 2022
- 100+ launches per year very soon w/vision for 300+



Increasing Spaceport Operations Tempo



Forecasted 33 space launches
(24 launched)



Forecasted 65 space launches
(57 launched)



Forecasting ~90 space launches



SPACE ACCESS

AATS Inherent Activities

| | | |
|---|---|---|
| LTRS - Range Sustainment; Materiel and Services | Operate Vandenberg SFB, Patrick SFB, Cape Canaveral SFS, Eastern and Western Ranges | Procurements; NSSL, RSLP; Multi-Mission Manifesting |
|---|---|---|

Orbital/Sub-Orbital Launches; Storage, Surveillance, and Refurbishment of Decommissioned ICBM Motors

National Federation of Spaceports



USG and State Spaceport Collaborations



| | | |
|--|--|---|
| Commercial Range Ops & Business Models | Multi-Use Range Facilities; Complex Allocation | Next-Gen Range Services & Mission Assurance |
|--|--|---|

Mission Lifecycle Management

| | |
|---|---|
| SV Processing Management; Building Capacity | AATS-Level Ops Centers for Monitoring Hardware Movements and Assets |
|---|---|

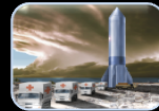


OPERATIONS INTEGRATION

Spaceports/Launch/Satellite Ops

SSC/S3

SSC Spaceflight Worthiness & Certification
Enterprise Mission Assurance Team
COCOM Space Effect Integrator
DoD Mission Manifesting



AATS
AA3/5/8

AATS Program Incubator
AATS Policy, Requirements & Funding



RAPID DELIVERY

Sub-Orbital/Orbital Rapid Strategic Mobility

Rocket Cargo
AFRL Vanguard Program;
Point-to-Point Rapid Global Mobility
On-Orbit Storage and Delivery from Space



ORBITAL RESILIENCY

Tactically Responsive Space

Provide responsive launch for TacRS on-demand delivery of space capabilities to the warfighter through all phases of conflict



On-Orbit Servicing, Maneuver, & Debris Removal

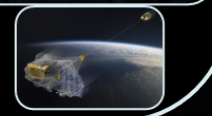
Orbital Servicing
Remove/Replace Payloads On-Orbit;
Drive Common Standards;
Commercial Refueling Capability



Orbital Maneuver
Leverage commercial industry for on-orbit maneuvers;
Small-launch to LEO, use on-orbit stages to higher altitudes

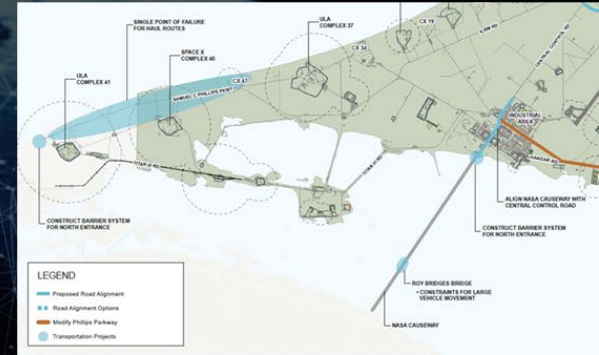


Debris Removal
Engage and Energize Industry Solutions



Delivering On-Demand Orbital and Sub-Orbital Services, Materiel, and Capabilities to the Warfighter

➤ Roy D. Bridges Jr. Bridge



➤ Key to success is collaboration with NASA/KSC & Space Florida



➤ **Museum Expansion**



7 Feb 23

Meeting Date

MS Committee Meeting

Committee

The Florida Senate

APPEARANCE RECORD

Deliver both copies of this form to
Senate professional staff conducting the meeting

PRESENTATION ON USSF

Military and Veterans Affairs, Space and Domestic Security

Bill Number or Topic

Amendment Barcode (if applicable)

Name Col Mark A. Shoemaker Phone 321-544-8502

Address 1201 Edward H. White II St Email mark.shoemaker@spaceforce.mil

Street

Patrick Space Force Base FL 32925

City

State

Zip

Speaking: ☐ For ☐ Against ☒ Information **OR** Waive Speaking: ☐ In Support ☐ Against

PLEASE CHECK ONE OF THE FOLLOWING:

☒ I am appearing without
compensation or sponsorship.

☐ I am a registered lobbyist,
representing:

☐ I am not a lobbyist, but received
something of value for my appearance
(travel, meals, lodging, etc.),
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

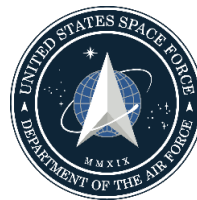
This form is part of the public record for this meeting.

S-001 (08/10/2021)



Florida's Support of Military and Defense

7 February 2023



Florida's Military Presence

- 20 major military installations
- Defense contributions to state economy:
 - \$96.6 billion annual impact from military and defense business presence
 - 860,221 direct and indirect jobs
 - State's largest and most resilient economic driver
- Optimum training environment; extensive ranges

Major Military Bases In Florida

Florida's Military Installations, Missions, and Key Organizations



Who's Who: Veterans, National Guard, and Military and Defense

Veterans

VA



U.S. Department
of Veterans Affairs



Total Veterans
*all components, retirees
(1.5 million)



National Guard



Army & Air
National Guard
(13,000+)

Military/Defense



21 Major
Military Bases
(AD 65,000+)
(Reserve 24,500+)



Gov Base CDR Mtg

The Florida Model - Support of Military and Defense

- Florida Defense Alliance (FDA)
- Florida Defense Support Task Force (FDSTF)
- Defense Grant Programs
- Base Commanders Meetings

Florida Defense Alliance

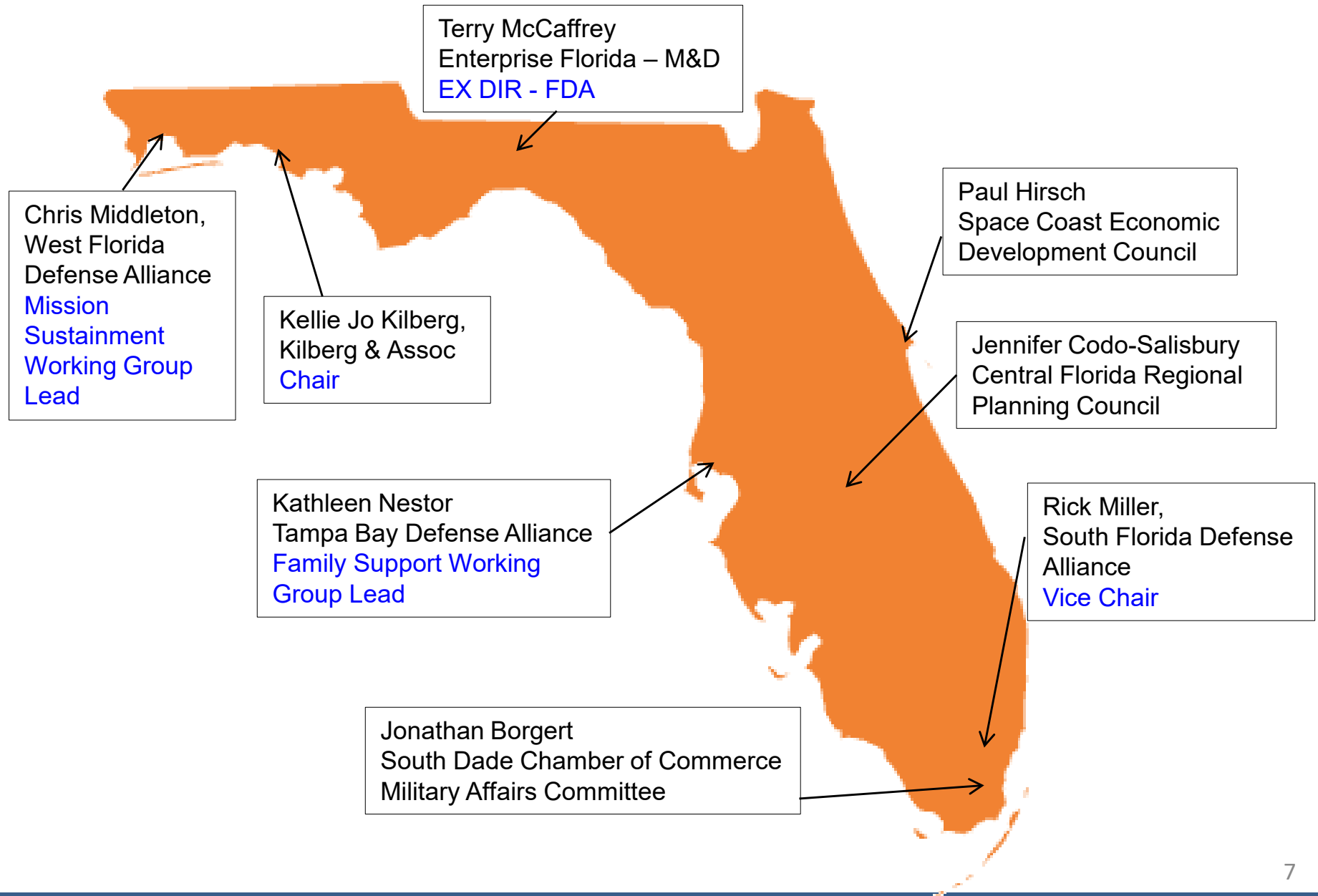
Authority & Purpose (from F.S. 288.980):

The FDA is the organization to ensure that Florida, its resident military bases and missions, and its military host communities are in competitive positions as the United States continues its defense realignment, and base structure adjustments, as well as efforts with the defense industrial base. The defense alliance shall serve as an overall advisory body for defense-related activities of Enterprise Florida, Inc.

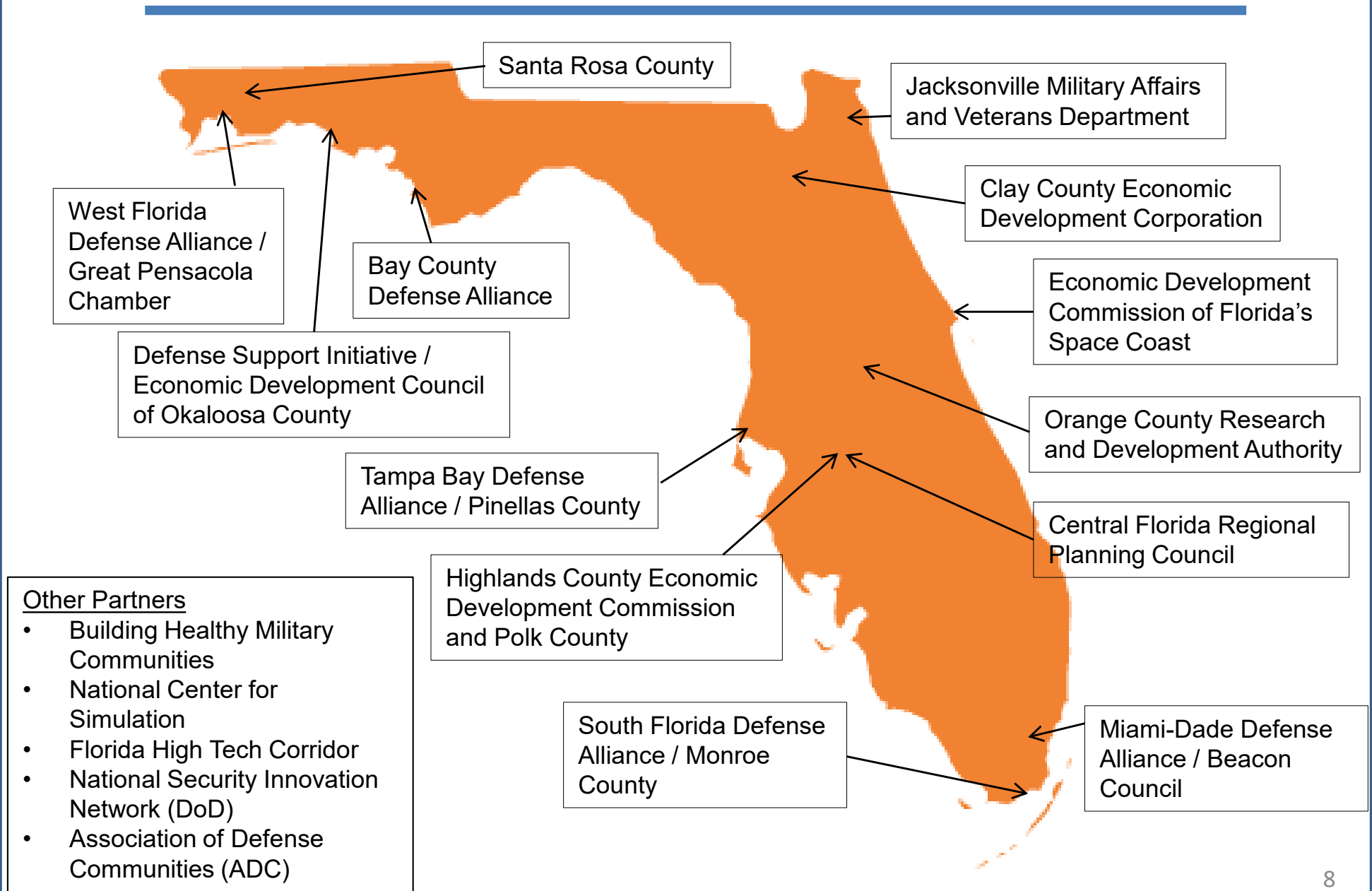
Mission:

- The FDA identifies and coordinates the plans, engagement and public awareness necessary to provide statewide leadership and support to defense related people, installations and missions throughout Florida.

Members of the Florida Defense Alliance Executive Board



Defense Alliances / Partners



Florida Defense Support Task Force

Created in 2011 – F.S. 288.987, Replaced the Florida Council on Military Bases and Mission Support. Sunshine exemption – F.S. 288.985.

- Make recommendations to preserve, protect and enhance Florida's military missions and installations
- Increase the defense industry in Florida
- Strengthen state support for education, health care, employment, and family programs for service members, families, retirees and businesses that bring military-related jobs to the state

Florida Defense Support Task Force Members

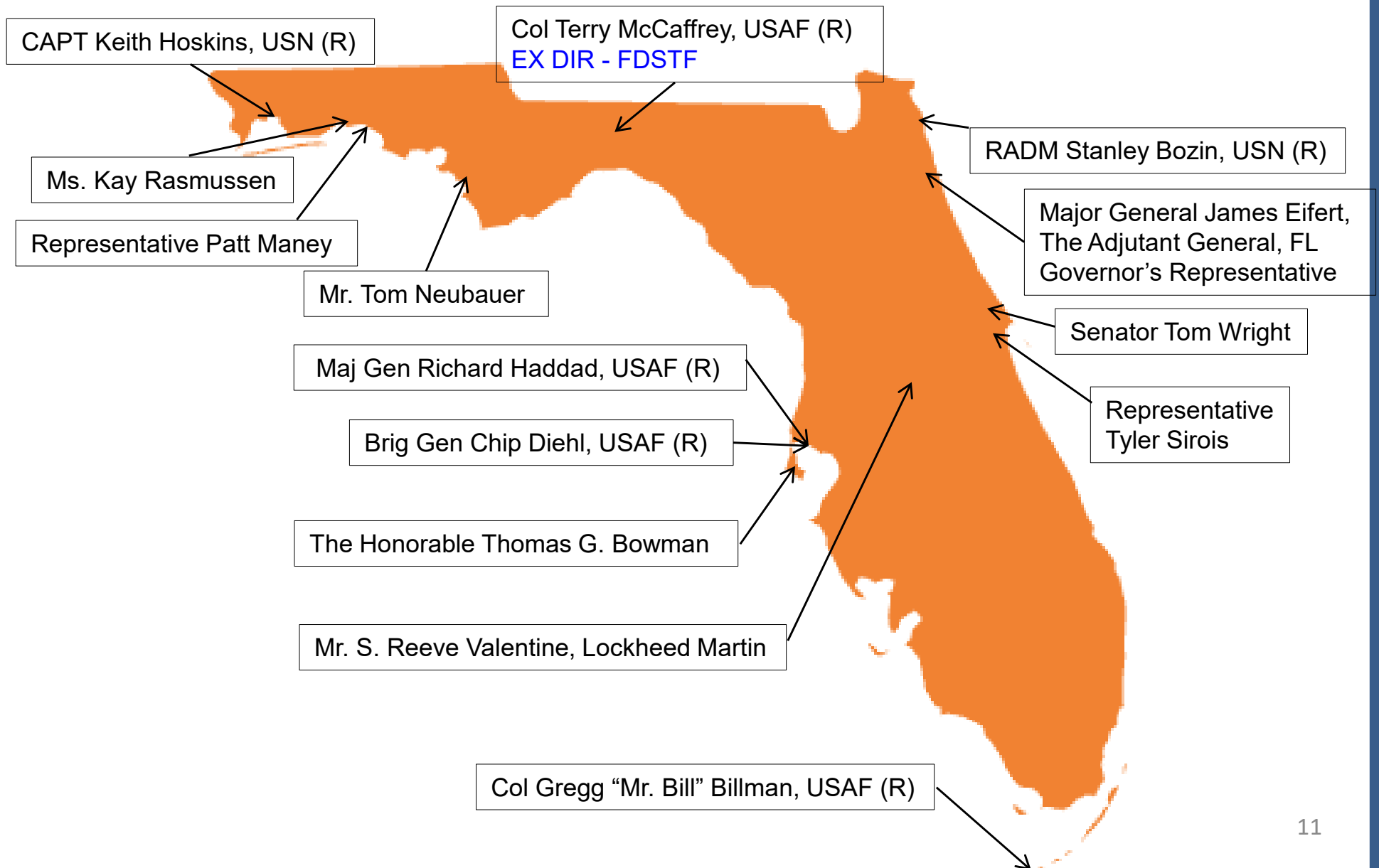
- Brig Gen Chip Diehl, USAF (ret.) – **Chair** – House
- Mr. Tom Neubauer – **Vice Chair** – Senate
- Col Gregg “Mr. Bill” Billman, USAF (ret.) – Governor
- The Honorable Thomas G. Bowman – Senate
- RADM Stan Bozin, USN (ret.) – Governor
- Maj Gen James O. Eifert, USAF (TAG) – Governor’s Representative
- Maj Gen Richard “Beef” Haddad, USAF (ret.) – Senate
- CAPT Keith Hoskins, USN (ret.) – Governor
- Rep Patt Maney – House
- Ms. Kay Rasmussen – House
- Rep Tyler Sirois – House
- S. Reeves Valentine – Governor
- Sen Tom Wright – Senate



Notes:

**Chair rotates between
Senate and House annually
on July 1st**

Florida Defense Support Task Force Members



2022 Florida Defense Industry Economic Impact Analysis

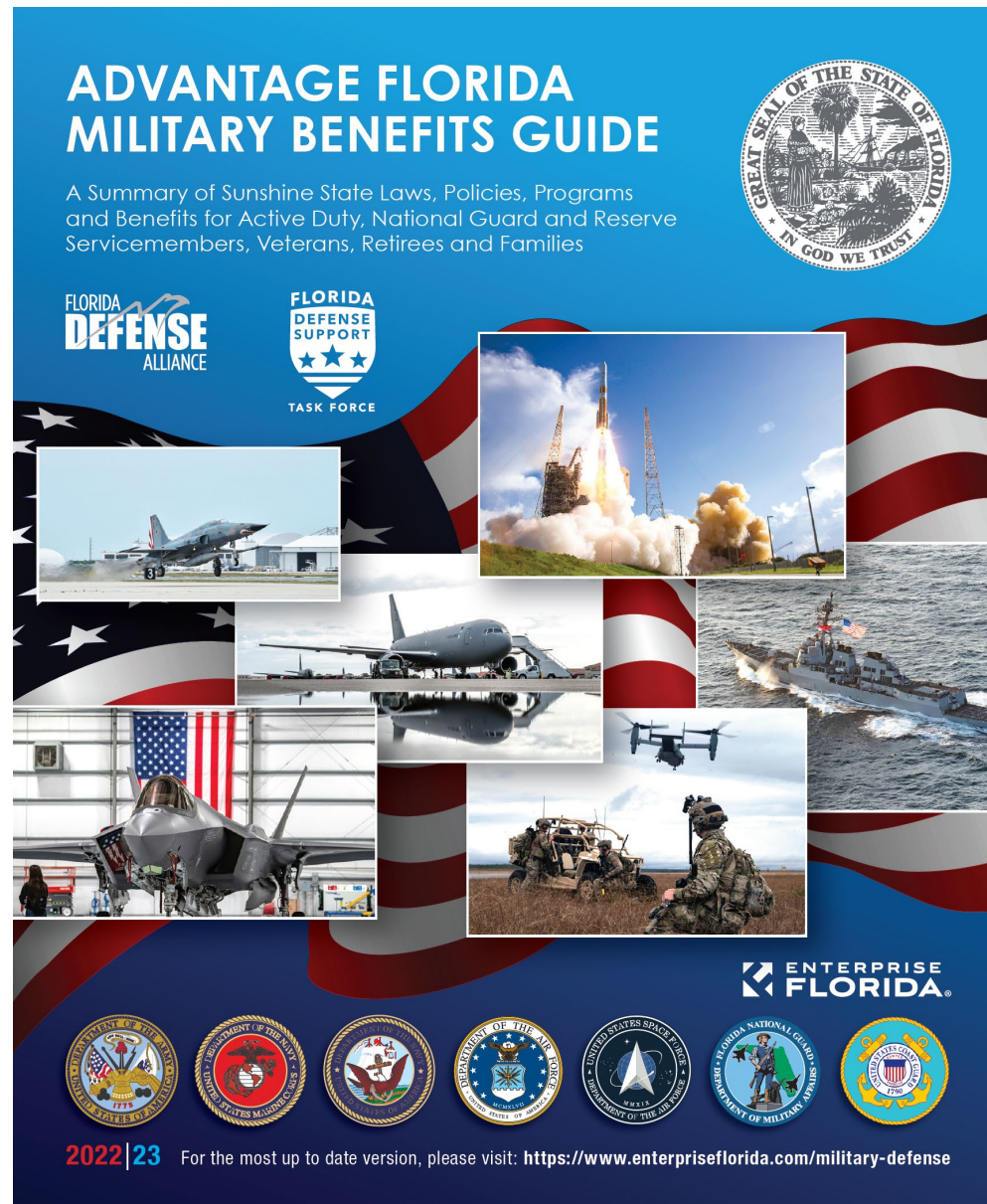


Florida Defense Industry Economic Impact Analysis

JANUARY 2022



FY21-22 Military Benefits Guide



Difference: FDA and Task Force

Florida Defense Alliance

- Volunteer representatives from local defense communities
- Support bases and solve base issues with the community
- Bring the perspective of local communities together to advise state level representatives of the community view
- Share and advise best practices and identify common problems where state-level action would be appropriate

Florida Defense Support Task Force

- Appointees with military, legislative, and business experience, working on state-level issues and providing grants
- Promote Florida bases at the national level, address base issues, and support state-level military friendly legislation
- Maintain statewide perspective on all military issues

Defense Grant Programs

Military Base Protection Program (F.S. 288.980)

- Secures non-conservation lands to buffer Military Installations from incompatible development
- DEO collects, EFI prioritizes, Task Force approves tiered list
- Unfunded since 2014

Defense Reinvestment Grant (F.S. 288.980)

- Focuses on supporting defense-dependent communities' programs that assist military installations / enhance robust capabilities
- Currently funded at \$800K – Administered by DEO

Defense Infrastructure Grant (F.S. 288.980)

- Focuses on local (off base) infrastructure programs deemed to have positive impact on Military installation
- Currently funded at \$1.6M – Administered by DEO

Florida Defense Support Task Force Grant Program

- Focuses on encroachment and defense support projects / studies
- Normally \$1.2-1.4M Available for Grants – Administered by EFI

Example FY22-23 Defense Grants

Defense Reinvestment Grant

- \$125,000 – to continue Hurricane Michael rebuilding efforts and assist Tyndall Air Force Base and Naval Support Activity Panama City with community support and partnerships
- \$79,200 – to increase outreach efforts by directly supporting the Hiring Our Heroes program, Vet Florida SkillBridge program, and Space Coast Salutes our Military website engagement

Defense Infrastructure Grants

- \$483,000 – to continue restrictive-use easement property purchases around Naval Air Station (NAS) Whiting Field to ensure operational sustainability
- \$117,000 – to complete road improvements that will reduce traffic congestion for vehicles entering MacDill Air Force Base

Defense Support Task Force (Grants & Contracts)

- \$500,000 – matches \$1,500,000 in Federal REPI funding for restrictive easements to buffer Naval Station Mayport
- \$161,810 – to use partnership agreements among the military installations in the Emerald Coast region and their surrounding communities

M&D Enduring Priorities

- Prevent encroachment / incompatible development that may limit military operations
- Gulf Range Protection and Enhancement
- Influence Pentagon decisions on missions and basing
- Enhancing military family quality of life
- Increase installation / community resiliency

M&D Focus for 2023

- Attract Space Force Missions / Space National Guard
- New Gulf of Mexico Energy Security Act (GOMESA)
- Increase Florida's education rating on USAF scorecard
- Ensure Tyndall rebuild / F-35 bed down remains on track
- Support MacDill AFB KC-135 to KC-46 Transition
- Determine / increase installation resiliency
- Increase defense related industry / contracts in Florida
- Develop a new strategic plan to guide M&D for next 5 years



Questions or Comments?

For future contact:

Terry McCaffrey, EFI VP of Military & Defense Programs, tmccaffrey@enterpriseflorida.com, C: 850-294-8854

Ray Collins, FDSTF Staff, rcollins@enterpriseflorida.com, c: 850-266-1865



THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

2-7-23

Meeting Date

Bill Number (if applicable)

Topic Military Programs

Amendment Barcode (if applicable)

Name Terrance McCaffrey

Job Title VP - Mil and Dof

Address 101 N. Monroe

Phone _____

Street

Tallahassee

City

State

Zip

Email _____

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing EFT

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

CourtSmart Tag Report

Room: SB 301

Case No.:

Type:

Caption: Senator Committee on Military Affairs, Space, and Domestic Security Room 301 SOB **Judge:**

Started: 2/7/2023 3:31:51 PM

Ends: 2/7/2023 4:27:21 PM **Length:** 00:55:31

| | |
|------------|--|
| 3:31:50 PM | Chair Wright calls meeting to order |
| 3:32:01 PM | Roll Call - Quorum is present |
| 3:32:16 PM | Pledge |
| 3:32:36 PM | Chair Wright makes opening remarks |
| 3:32:55 PM | Tab 1-Chair Wright call Col. Mark A. Shoemaker |
| 3:33:31 PM | Col. Shoemaker, Vice Commander for Operations, SLD 45, presentation on USSF |
| 3:34:17 PM | Col. Shoemaker speaks on the mission and missile activity |
| 3:34:59 PM | Col. Shoemaker talks about the 15 square miles of security they are responsible for |
| 3:36:13 PM | Col. Shoemaker speaks on the USSF and Space Force operations |
| 3:37:13 PM | Col. Shoemaker speaks on the economic impact they provide |
| 3:37:53 PM | Col. Shoemaker talks regarding 2022 |
| 3:39:39 PM | Col. Shoemaker speaks on the large amount of additional launches |
| 3:41:23 PM | Col. Shoemaker speaks Dept. of Defense |
| 3:43:27 PM | Col. Shoemaker speaks on transportation efforts |
| 3:44:57 PM | Col. Shoemaker speaks on talks with Space Port Florida |
| 3:46:07 PM | Col. Shoemaker speaks on partnership with NASA and other partners |
| 3:47:07 PM | Col. Shoemaker speaks on expansion of museum |
| 3:49:40 PM | Col. Shoemaker concludes |
| 3:50:08 PM | Chair Wright question |
| 3:50:14 PM | Col Shoemaker responds and concludes |
| 3:50:33 PM | Chair Wright thanks the Colonel and goes to questions |
| 3:50:38 PM | Senator Pizzo |
| 3:51:40 PM | Col. Shoemaker |
| 3:52:14 PM | Chair Wright |
| 3:52:27 PM | Col. Shoemaker |
| 3:52:44 PM | Chair Wright |
| 3:52:52 PM | Col. Shoemaker |
| 3:53:00 PM | Senator Pizzo |
| 3:53:08 PM | Col. Shoemaker |
| 3:53:54 PM | Senator Pizzo comments |
| 3:54:01 PM | Col. Shoemaker |
| 3:54:04 PM | Chair Wright |
| 3:54:34 PM | Senator Torres |
| 3:54:45 PM | Col. Shoemaker |
| 3:55:18 PM | Senator Torres |
| 3:55:26 PM | Col. Shoemaker |
| 3:56:02 PM | Chair Wright |
| 3:56:09 PM | Col. Shoemaker |
| 3:56:45 PM | Chair Wright |
| 3:57:03 PM | Col. Shoemaker |
| 3:58:00 PM | Chair Wright |
| 3:58:35 PM | Col. Shoemaker |
| 3:59:02 PM | Chair comments |
| 3:59:27 PM | Tab 2-Terry McCaffrey, VP Military and Defense, EFI - Presentation on FL Def Support TF and FL Def. Alliance |
| 4:00:34 PM | Mr. McCaffrey presentation |
| 4:01:34 PM | Mr. McCaffrey speaks on large range testing area |
| 4:02:22 PM | Mr. McCaffrey speaks on the difference in the service personnel |
| 4:04:43 PM | Mr. McCaffrey says FDA bring all issues to the task force |
| 4:05:43 PM | Mr. McCaffrey says all members of the FDA are retired military personnel |
| 4:06:35 PM | Mr. McCaffrey speaks on increasing the defense industry in Florida |
| 4:08:53 PM | Mr. McCaffrey speaks on the economic impact study and analysis |

4:09:53 PM Mr. McCaffrey speaks on military benefits guide
4:10:41 PM Mr. McCaffrey speaks on several bills currently in the Florida Legislative in 2023
4:11:17 PM Mr. McCaffrey says many states copy the same program that Florida has
4:12:35 PM Mr. McCaffrey speaks on defense grant programs
4:17:26 PM Mr. McCaffrey speaks on additional efforts and focus for 2023
4:20:49 PM Chair Wright comments and goes to questions
4:20:51 PM Senator Pizzo
4:21:15 PM Mr. McCaffrey
4:21:46 PM Senator Pizzo
4:22:50 PM Mr. McCaffrey
4:23:19 PM Senator Pizzo
4:23:22 PM Mr. McCaffrey
4:23:34 PM Senator Pizzo
4:23:52 PM Mr. McCaffrey
4:24:29 PM Chair Wright thanks and closing comments
4:24:53 PM Mr. McCaffrey additional comment and Chair Wright continues closing comments
4:26:46 PM Senator Berman moves to adjourn