Overview

- Purpose of GRASI
- GRASI Challenge
- Landscape Planning Initiative
- Next Steps
Vision: Guiding Principles

GRASI Vision of Success:
There will be a near optimum use of the airspace by civilians and the military. This plan will provide
the military with access to airspace when needed and will enhance awareness among all
airspace users, resulting in a Northwest Florida region that is prosperous,
with relationships among civilian and military interests strengthened.

Economic Impact
Overall, the GRASI should seek positive, or at least neutral, impacts to the regional economy
as a whole and contribute to sustaining or enhancing the economic vitality of the region.

Collaboration
Enhance ongoing civilian and military communication
and collaborate and serve as a catalyst for improving the
strategic direction and integration among stakeholders in the region
on aviation issues.

Mission
Enable continued vital multiple levels of training and military missions in the region.
Accommodate the needs of civil aviation and the requirements of
future military missions.
Regional Growth

The military mission in the GRASI Region is expanding, potentially leading to airspace congestion, negative interactions with civil traffic, and overscheduling of Special Use Airspace.

Population has steadily increased in Northwest Florida, bringing with it an increase in commercial flights and general aviation traffic.

Growth Rates 1990-2009

<table>
<thead>
<tr>
<th>County</th>
<th>Growth Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escambia County</td>
<td>15.4%</td>
</tr>
<tr>
<td>Santa Rosa County</td>
<td>86.0%</td>
</tr>
<tr>
<td>Okaloosa County</td>
<td>24.1%</td>
</tr>
<tr>
<td>Walton County</td>
<td>98.5%</td>
</tr>
<tr>
<td>Holmes County</td>
<td>21.0%</td>
</tr>
<tr>
<td>Washington County</td>
<td>41.4%</td>
</tr>
<tr>
<td>Bay County</td>
<td>29.7%</td>
</tr>
<tr>
<td>GRASI Region</td>
<td>32.7%</td>
</tr>
<tr>
<td>United States</td>
<td>23.4%</td>
</tr>
</tbody>
</table>

Forecasts from the Florida 2050 Plan show growth in the Panhandle and encroachment around DoD facilities.

Enplanements at Civilian Airports

TAF Forecasts includes PNS, SRQ, VPS, CRS, CEW, 54L, ECP, PPN.
Economic Impact

Tourism is the most important sector of the Florida economy and directly employs more than a million Floridians. The military is the third largest sector of the economy, and almost half of all DoD employees in the state reside in Northwest Florida.

The **military** presence has a **$59,554,000,000** economic impact in the State of Florida. Within the GRASI study area the annual impact is **$14,800,000,000**...

...which is equal to **38%** of the regional GDP.

**Military Impacts by County (Haas Center 2011)**

<table>
<thead>
<tr>
<th>County</th>
<th>Jobs (1000s)</th>
<th>Economic Impact ($ Billion)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escambia</td>
<td>47,216</td>
<td>$5.032</td>
</tr>
<tr>
<td>Santa Rosa</td>
<td>12,982</td>
<td>$0.909</td>
</tr>
<tr>
<td>Okaloosa</td>
<td>72,815</td>
<td>$6.804</td>
</tr>
<tr>
<td>Bay</td>
<td>22,579</td>
<td>$1.814</td>
</tr>
</tbody>
</table>

In 2008, almost **85 million tourists** visited Florida. They spent **$65,200,000,000**, and more than half arrived by air.

**Civilian Aviation Impacts by County (Haas Center 2011)**

<table>
<thead>
<tr>
<th>County</th>
<th>Jobs (1000s)</th>
<th>Economic Impact ($ Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escambia</td>
<td>4,463</td>
<td>$257</td>
</tr>
<tr>
<td>Okaloosa</td>
<td>3,450</td>
<td>$168</td>
</tr>
<tr>
<td>Walton</td>
<td>1,063</td>
<td>$99</td>
</tr>
<tr>
<td>Bay</td>
<td>3,458</td>
<td>$162</td>
</tr>
</tbody>
</table>

**Major Airport Impacts (FDOT 2010)**

<table>
<thead>
<tr>
<th>Airport</th>
<th>Jobs (1000s)</th>
<th>Economic Impact ($ Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNS</td>
<td>5,772</td>
<td>$568</td>
</tr>
<tr>
<td>VPS</td>
<td>5,252</td>
<td>$406</td>
</tr>
<tr>
<td>PPN</td>
<td>3,017</td>
<td>$267</td>
</tr>
<tr>
<td>TLH</td>
<td>3,930</td>
<td>$377</td>
</tr>
</tbody>
</table>

The complete economic analysis is included on this attached CD.
GRASI Challenge

- Addition of BRAC 2005 missions to existing missions in NW FL will create mission challenges for all users Gulf Range/Airspace

- Currently GRASI area is experiencing a “bathtub” as old F-15 mission is gone and new missions begin to build up in the area

- During “bathtub”, AFSOC and other non-BRAC existing missions have grown adding to the future challenges for all users

- Modeling of all future requirements suggest significant impacts to all range users once all new/existing missions are full up

- Northern Gulf of Mexico Region is a biodiversity “hotspot”
  - Conservation community priorities drive a mutually beneficial desire to limit commercial/residential development
  - Creates synergy between military requirements and conservation priorities…win/win
Airspace Utilization (R2915) Includes AFSOC, JSF and Test Wing
Landscape Planning

General Approach

Strategies

- Two distinct paths, private/conservation & state/public lands
- Leverage partnerships to use existing or new areas for maneuver space
- Acquire new areas for ranges or maneuver space
- Mix of partnerships, permits, and acquisitions for new ranges and maneuver space
- Line up military requirements, airspace configuration and a feasible transaction

Opportunities

- Federal Lands: DoD ranges, National Parks and Forests
- State Lands: Parks, State Forests, Water Management District
- Conservation Lands
- Private Lands with willing partners
Strategic Targets

Notional IADS to Support Two Strategic National Targets
Identified Numerous State/Public Study Areas

Military to gain access on public/state lands for non-hazardous operations by mix of special-use permits, leases, and MOUs.

- Blackwater State Forest
- Eglin Land Range
- Tate's Hell State Forest
State Forest Potential Areas
Blackwater State Forest

Possible Training Sites

Legend:
- State Lands
- Private
- Air Field - 269 7603
- Pipelines Intended
- Near Docks / Acres
- Recently Planted / Acres
- Gray Pits
- Wildlife Openings - 269
- Recreational & Office Sites
- Museum & Oldwater/Taxi
- Home Sites
- Roads

0 1 2 4 6 8 10 Miles
Next Steps

- Continue refining Concept of Operations for the Region
  - Provide flexibility to the current range users
  - Build a more realistic operating environment for test/training
  - Template for identifying alternatives for NEPA analysis
- Finalize operational plan development with State Agencies
- Continue analysis of specific areas for programming and environmental analysis
- Obtain FL Cabinet approval/support to finalize partnership agreements and operational plans
Example Cleared Area
Not Planted
Example Logging Ramp/Cleared Area
6,000 ft X 250 ft Grass Runway
Issue: Growth of AFSOC Mission

AFSOC Utilization of R-2915
(aircraft counts vs. time of day)

FY2005: Minimal day-time training
FY2014: Continuous day-time training