



The Eglin Test & Training Complex

Supporting National Defense Strategy Since 1935

Spanning Five Wars, Modern-Day Eglin AFB Evolves To Meet Warfighter Needs

Establishment of the Valparaiso Bombing and Gunnery Range in 1935

Growth and Expansion of Eglin Field, 1935-1941

Eglin Field During WWII
Wartime Test Support and Training

Air Proving Ground Command Era at Eglin Air Force Base, 1945-1957

Armament Development and Testing at Eglin Air Force Base, 1949 to Present



A Major Range Test Facility Base
Unique Range Within the U.S.

Developed Over Decades

Billions Invested to Establish and Maintain

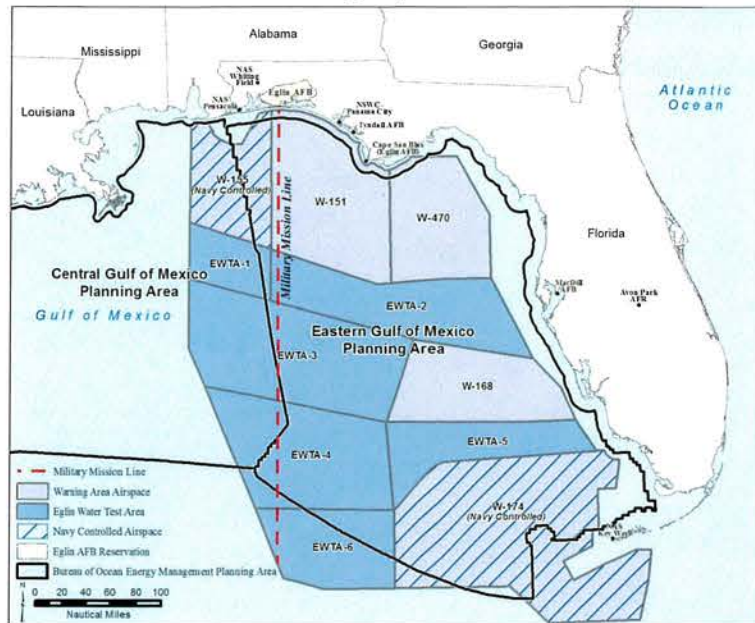
Integrates Test and Training of Advanced and Precision Strike Weapons

Annual usage encompasses airspace, land, water, and electromagnetic spectrum environments by test and operational units across the continental U.S. (CONUS) and overseas

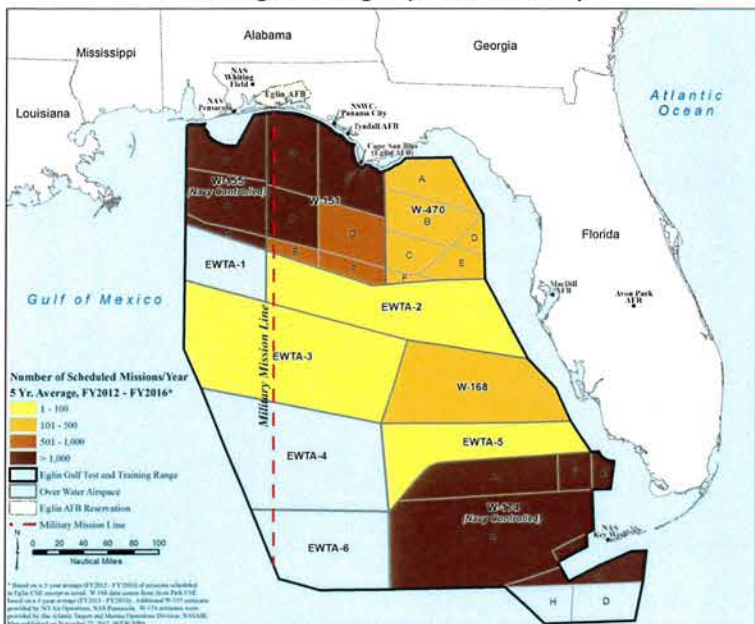
- Hundreds of daily Test and Training activities
- Semi-annual Weapons Systems Evaluation Program
- Pre-deployment Combat Readiness events (e.g. Combat Archer / Hammer, Checkered Flag)
- Annual Special Operations event (Emerald Warrior)
- USN Arleigh Burke-class destroyer systems tests
- Drug Interdiction Training

Maintaining utility of the EGTR beyond 2022 to support next-generation weapons Test & Training is essential for National Defense

EGOMEX & Military Special Use Airspace



EGOMEX & Special Use Airspace Average Usage (FY12-FY16)



--- Military Mission Line (MML) ---

- Codified by Public Law 109-432, Gulf of Mexico Energy Security Act (GOMESA), 20 December 2006. Located at 86 degrees, 41 minutes west longitude
- Congressional Moratorium prohibits Oil and Gas activity east of the MML
- GOMESA terminates 30 June 2022 unless extended by Congressional action.



Eglin Gulf Test & Training Range

Eglin AFB, FL

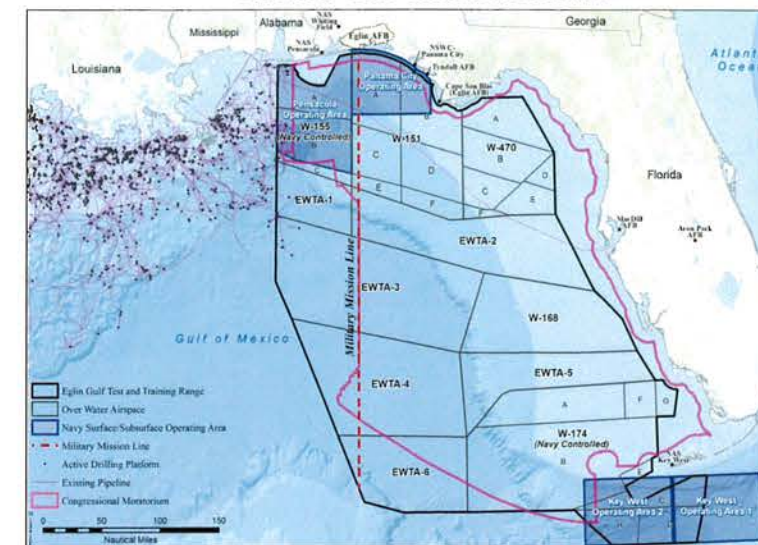
The Eastern Gulf of Mexico (EGOMEX)
A Unique & Irreplaceable National Defense Asset

9 April 2019

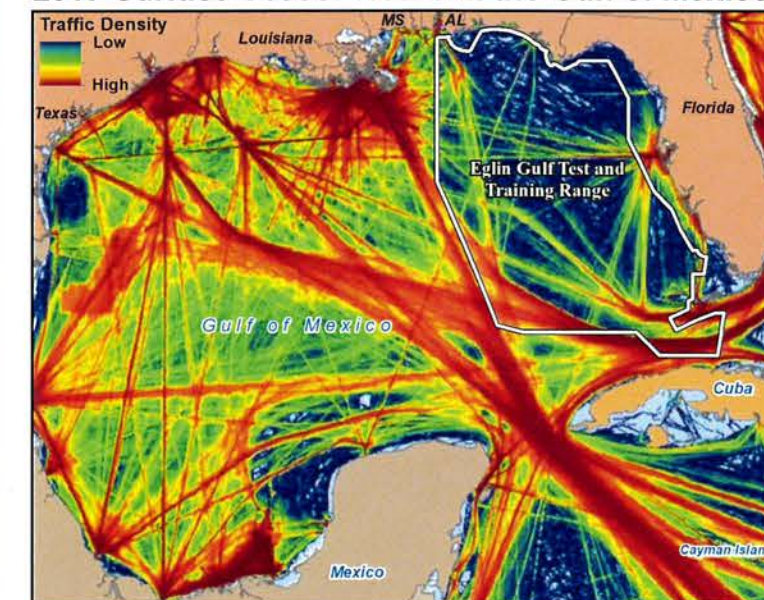
96th Test Wing Commander and Range Operating Authority



Special Use Airspace/USN Operating Areas/ Oil and Gas Infrastructure



2017 Surface Vessel Traffic in the Gulf of Mexico



Vessel Traffic Source: MarineTraffic.com

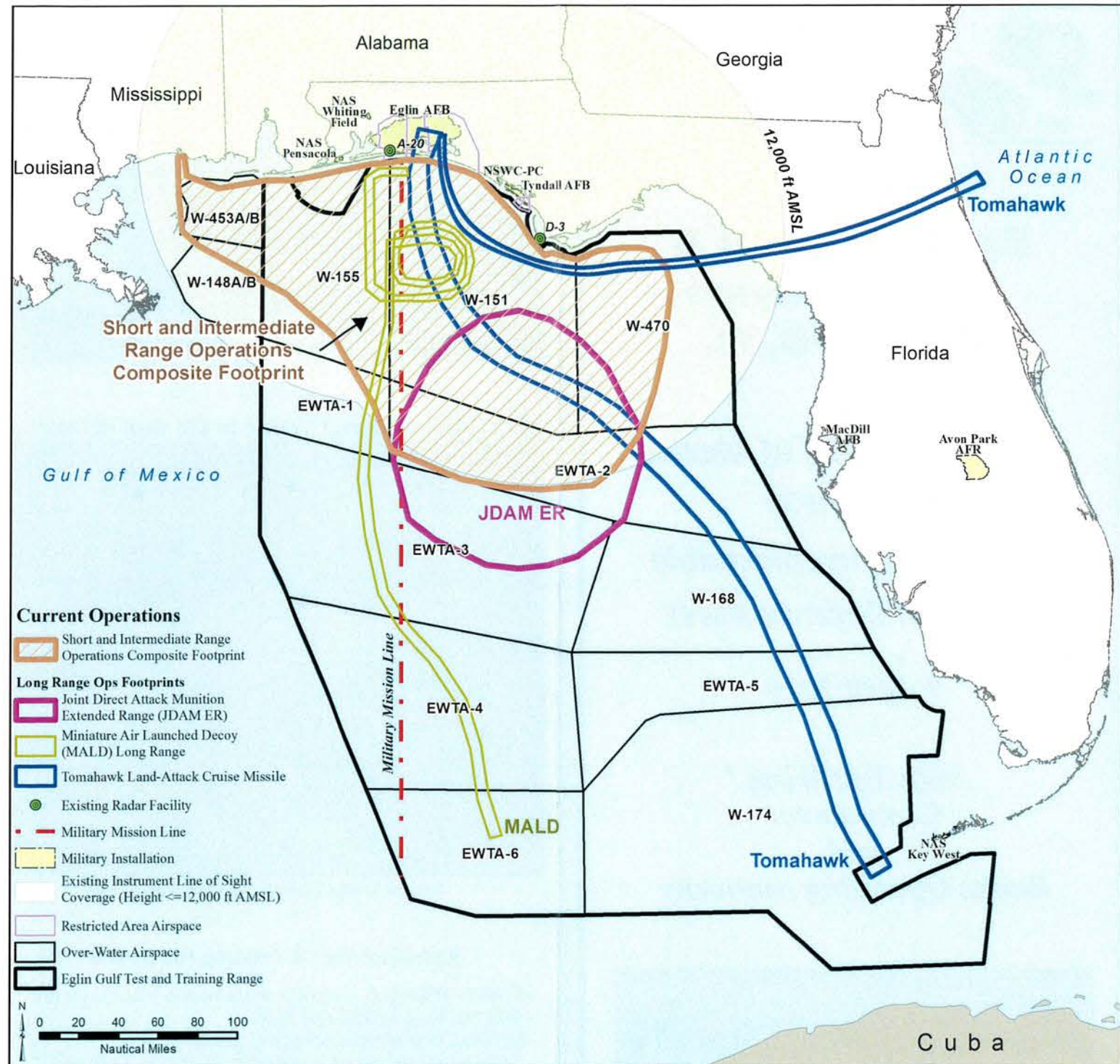
Eglin Gulf Test & Training Range (EGTR)

- Water range and airspace encompass 95,000 sq nm
- 400 nm long by 250 nm wide
- Minimal commercial shipping traffic
- Frequency spectrum availability supports Test and Operational Training
- Distributed Range Instrumentation
- Water to Land Transition for weapons testing

sq nm = square nautical mile



Current Operations Example



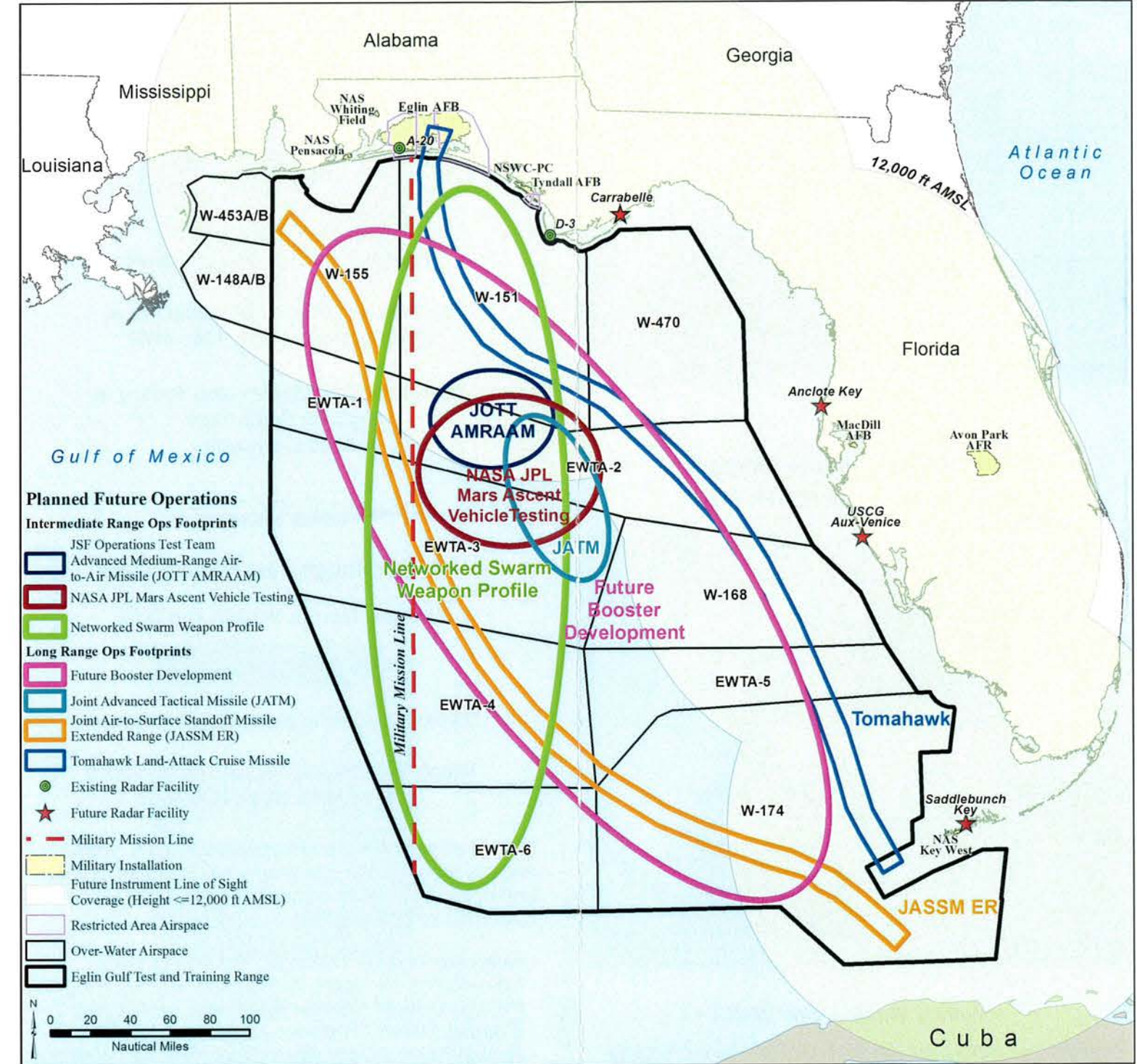
- Features:
- Combat Theater Surrogate — Air, Water & Seabed
 - Restricted Oil and Gas Encroachment

AMSL = Above Mean Sea Level

OPR: 96 TW/XPO; Eglin AFB, FL 32542

- Currently Supporting:
- Multiple Joint Service Operations & Large Force Exercises
 - Daily Test and Training Operations
 - Air Combat Maneuvering (F-15, F-16, F-22, F-35, T-38)
 - Aerial Refueling (KC-135, KC-130, CV-22, others)
 - Special Operations (AF, USA, USN, USMC)
 - Hundreds of weapons dropped annually
 - Unexploded Ordnance (UXO) Training

Planned Future Operations



- Future Test & Training Requirements:
- Long Range Standoff Weapons
 - Air and Sea Weapons
 - Directed Energy Weapons
 - Hypersonic Weapons
 - Swarming / Artificial Intelligence Weapons

This document is sourced primarily from the Department of Defense document number 03012018T098, dated 9 May 2018; Ref ID: 6-3395484, titled, *Preserving Military Readiness in the Eastern Gulf of Mexico*. Oil and Gas data are sourced from the Bureau of Ocean Energy Management, New Orleans, LA.