



# Fifth Generation Formal Training Unit Optimization

Joint Base Langley-Eustis, Virginia Eglin Air Force Base, Florida

## ENVIRONMENTAL IMPACT STATEMENT (EIS)

### Proposed F-35A FTU Squadron Aircraft Operations and Facility Improvements at Eglin AFB

#### Overview of Eglin AFB

- The base is located in the Florida panhandle in Gulf, Okaloosa, Santa Rosa, and Walton counties, encompassing 724 square miles of land area.
- Eglin AFB is the home of the 96<sup>th</sup> Test Wing (96 TW) which serves as the test and evaluation center for USAF air-delivered weapons, navigation and guidance systems.
- As a tenant of Eglin AFB, the 33<sup>rd</sup> Fighter Wing's (33 FW) mission is to train world-class fifth generation F-35 Lightning II pilots.

#### Aircraft Operations

The proposed action to beddown the additional F-35A squadron at Eglin AFB would only be implemented if the F-22 FTU mission departs. There would be an approximate reduction of 30,744 F-22 aircraft operations and 11,810 T-38 aircraft operations at Eglin AFB associated with the departure of the F-22 FTU. The additional squadron of F-35As would conduct approximately 16,500 annual operations. In total, there would be a net reduction of approximately 26,054 operations at Eglin AFB.

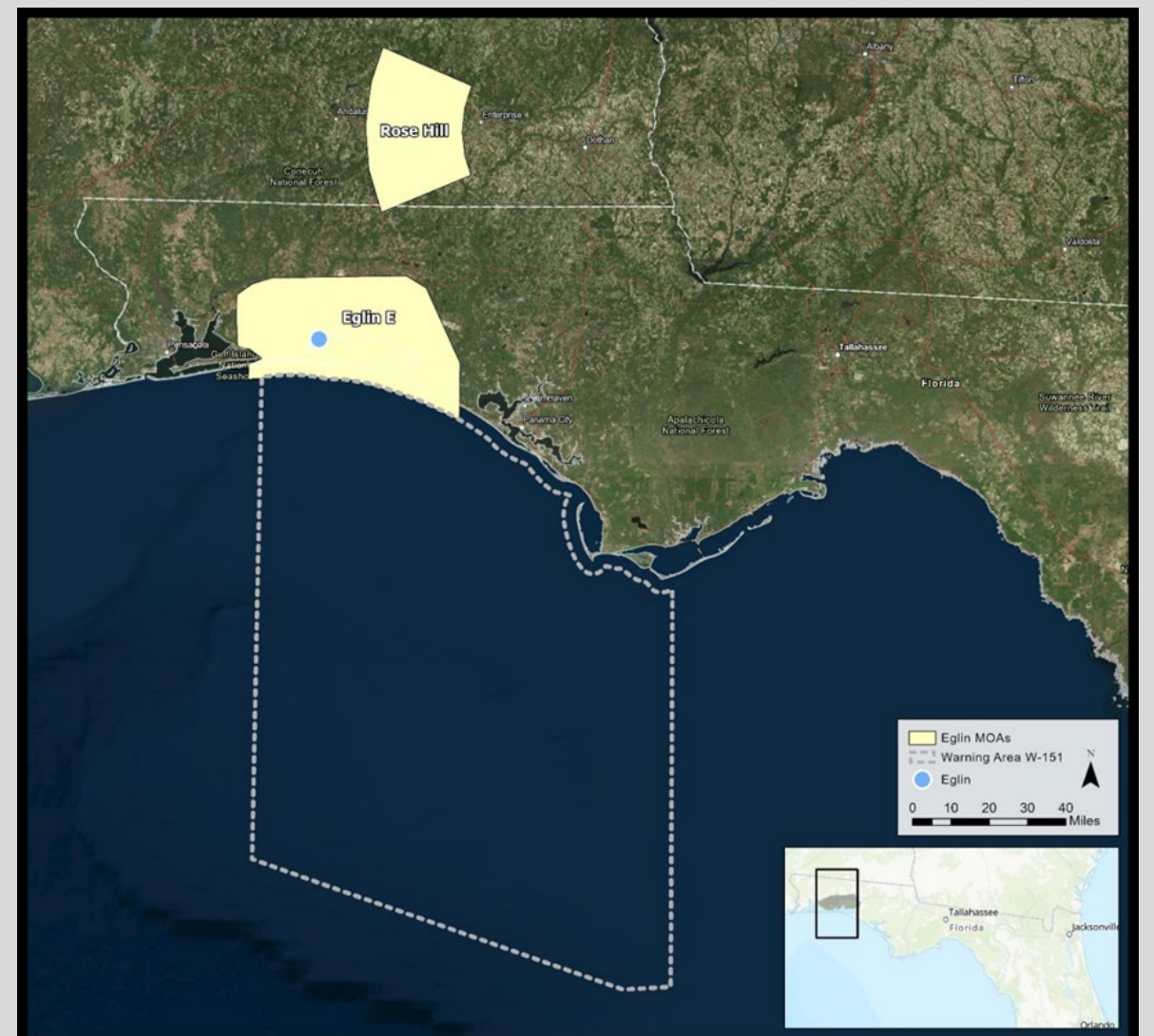
#### Base Personnel Reduction

The new F-35A FTU squadron would require approximately 377 additional personnel at Eglin AFB. The departure of the F-22 FTU mission would include the departure of approximately 760 personnel from Eglin AFB. Therefore, there would be an overall reduction of 383 personnel at Eglin AFB. Additionally, a proportion of the newly assigned and departed personnel would be accompanied by dependents. The reduction of 383 personnel from Eglin AFB is estimated to result in a reduction of 843 dependents.

Therefore, there would be an overall reduction of approximately 1,226 persons from the area surrounding Eglin AFB.

#### Proposed F-35A FTU Facility Improvements at Eglin AFB

The second F-35A FTU squadron would leverage existing facilities and infrastructure at Eglin AFB. Interior improvements to Buildings 1412, 1306, 1344, 1352, and 1386 would be required to meet current facility standards.



Proposed Special Use Airspace for Eglin AFB



Proposed facility improvements at Eglin AFB