



Fifth Generation Formal Training Unit Optimization

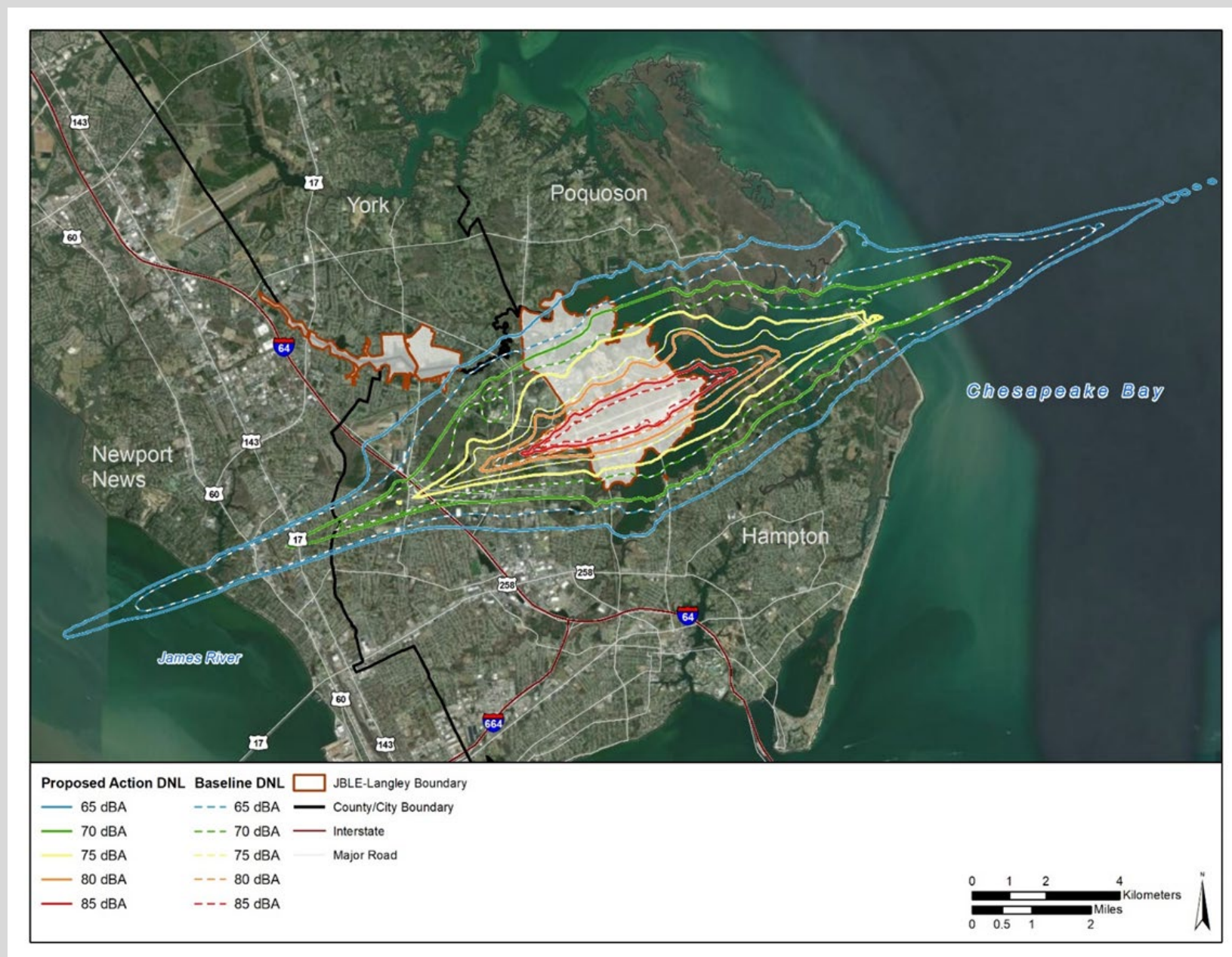
Joint Base Langley-Eustis, Virginia Eglin Air Force Base, Florida

ENVIRONMENTAL IMPACT STATEMENT (EIS)

F-22 FTU Mission Beddown at JBLE-Langley Environmental Consequences

Environmental consequences from the proposed beddown of the F-22 FTU Mission would include negligible to minor impacts for the following resource areas in comparison to the affected environment: **Land Use, Water Resources, Safety and Occupational Health, Hazardous and Toxic Materials and Waste, Biological/Natural Resources, Topography, Geology, and Soils, Socioeconomics, and Aesthetics and Visual Resources.** Moderate impacts are anticipated for **Airspace Management and Operations, Air Quality, Infrastructure and Utilities, and Transportation and Circulation.**

Noise Conditions at JBLE-Langley: Proposed F-22 FTU Mission Beddown and No Action



Acoustic Environment: Aircraft operations would substantially increase to a total of 114,382 annual operations. The off base land area exposed to 65 dBA DNL or greater would increase by 34 percent to 9,026 acres. An estimated 10,292 housing units and 24,286 individuals would be exposed to 65 decibel Day-Night Average Sound Level (dbA DNL). The proposed increase in aircraft operations would increase noise at JLBE-Langley.

Cultural Resources: There would be significant impacts to cultural resources due to the adverse effects on historic properties associated with the demolition of Hangar 753, a contributing property to the Langley Field Historic District, and the introduction of visual elements from new construction.

Environmental Justice: The potential for disproportionate adverse impacts on environmental justice populations, including low-income, minority, and elderly populations would occur as a result of the proposed expansion of the 65 dBA DNL noise contours that would occur in census block groups not previously located within the existing 65 dBA DNL contour.