

Impacts Analysis

RESOURCE CONSIDERATION:

The following topics will be analyzed in the Environmental Impact Statement (EIS):

Air Quality

- Air emissions
- Climate change

Biological Resources

- Vegetation and wildlife
- Threatened and endangered species

Cultural Resources

- Archaeological resources
- Architectural & visual resources
- Native American resources

Noise

- Aircraft noise
- Construction noise

Social Resources

- Environmental justice
- Land use
- Safety
- Socioeconomics

Water Resources

- Water quality (surface water, groundwater, & stormwater)
- Wetlands and floodplains

Other Considerations

- Airspace
- Geology and soils
- Hazardous materials and waste
- Infrastructure and transportation

POTENTIAL IMPACT REVIEW:

The U.S. Department of the Air Force (DAF) has identified potential for the following notable environmental impacts from the Proposed Action and action alternatives:

- Increased air emissions, particularly nitrogen oxides.
- Increased noise from aircraft operations because the T-7A is inherently louder than the T-38C and the addition of nighttime (10 p.m. to 7 a.m.) operations may be bothersome to some residents. Increased noise could have a disproportionate impact on certain populations and impact off-installation land use compatibility.
- Increased potential for bird/wildlife aircraft strike hazards.
- Construction may have a minor impact on downstream water quality.

The EIS will model air emissions, noise levels, and the number of sleep and school disturbance events and compare to current conditions. DAF will also consult with appropriate resource agencies and Native American tribes to determine the potential for significant impacts. Additional analysis will be provided in the Draft EIS.



ENVIRONMENTAL IMPACT STATEMENT

T-7A RECAPITALIZATION AT COLUMBUS AIR FORCE BASE, MISSISSIPPI

