

Impacts Analysis

RESOURCE CONSIDERATIONS:

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:

- Increased air emissions, particularly nitrogen oxides.
- Increased noise from aircraft operations. 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 impact existing floodplains.
- Construction may have a minor impact on downstream water quality.

The EIS will model air emissions, noise levels, and the number of disturbance events and compare them 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 SHEPPARD AIR FORCE BASE, TEXAS

