

# 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 wastes
- 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 Environmental Justice 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 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.

