

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 0106V2 (908.2c1)

Brief Description: Realign Tyndall AFB, Florida; Langley AFB, Virginia; and Jacksonville AGS, Florida. Realign base-level F100 engine intermediate maintenance from Langley AFB into a Centralized Intermediate Repair Facility (CIRF) for F100 engines at Seymour-Johnson AFB, North Carolina. Realign base-level F-100 Engine intermediate maintenance from Tyndall AFB and Jacksonville AGS into a CIRF for F100 engines at NAS New Orleans ARS, Louisiana.

| <u>General Environmental Impacts</u> | |
|--|---|
| Environmental Resource Area | Tyndall (Losing) |
| Air Quality | No impact |
| Cultural/ Archeological/ Tribal Resources | No impact |
| Dredging | No impact |
| Land Use Constraints/ Sensitive Resource Areas | No impact |
| Marine Mammals/ Marine Resources/ Marine Sanctuaries | No impact |
| Noise | No increase in off-base noise is expected |
| Threatened & Endangered Species/ Critical Habitat | No impact |
| Waste Management | No impact |
| Water Resources | No impact |
| Wetlands | No impact |

| <u>Impacts of Costs</u> | |
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| | Tyndall (Losing) |
| Environmental Restoration | DERA money spent through FY03 (\$K): 27086 Estimated CTC (\$K): 82705 DO NOT ENTER IN COBRA |
| Waste Management | FY07 Modification of hazardous waste program: Scenario \$0K / Cumulative \$100K |
| Environmental Compliance | FY06 NEPA Documentation: : Scenario \$0K / Cumulative \$48K FY07 Significant Air Permit Revision: : Scenario \$0K / Cumulative \$100K |

| <u>General Environmental Impacts</u> | |
|---|--|
| Environmental Resource Area | Langley (Losing/Gaining) |
| Air Quality | No impact |
| Cultural/ Archeological/ Tribal Resources | Sites or areas with high potential for archeological sites were identified. The base has an 837.824-acre historic district with 282 contributing resources. There is one historic property that is not in a historic district. |
| Dredging | No impact |
| Land Use Constraints/ Sensitive Resource Areas | Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development. The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety waivers. |
| Marine Mammals/ Marine Resources/ Marine Sanctuaries | No impact |
| Noise | No impact |
| Threatened& Endangered Species/ Critical Habitat | No T&E species or critical habitats exist. No impact to T&E species is expected. |
| Waste Management | Modification of hazardous waste program may be required. |
| Water Resources | The state requires a permit for withdrawal of groundwater. |
| Wetlands | Wetlands restrict 7% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations. |

| <u>Impacts of Costs</u> | |
|----------------------------------|---|
| | Langley (Losing/Gaining) |
| Environmental Restoration | DERA money spent through FY03 (\$K): 52,000 Estimated CTC (\$K): 27,000 DO NOT ENTER IN COBRA |
| Waste Management | FY07 Hazardous Waste Program Modification: Scenario \$0K / Cumulative \$100K |
| Environmental Compliance | FY06 NEPA cost: Scenario \$0K / Cumulative \$318K FY07 Air Conformity Analysis: Scenario \$0K / Cumulative \$50K |

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| | FY07 Conformity Determination: Scenario \$0K / Cumulative \$100K FY07 Air Emissions Credits: Scenario \$0K / Cumulative \$655K FY07 Significant Air Permit Revision: Scenario \$0K / Cumulative \$200K |
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| <u>General Environmental Impacts</u> | |
|--|------------------------------|
| Environmental Resource Area | Jacksonville (Losing) |
| Air Quality | No impact |
| Cultural/ Archeological/ Tribal Resources | No impact |
| Dredging | No impact |
| Land Use Constraints/ Sensitive Resource Areas | No impact |
| Marine Mammals/ Marine Resources/ Marine Sanctuaries | No impact |
| Noise | No impact |
| Threatened & Endangered Species/ Critical Habitat | No impact |
| Waste Management | No impact |
| Water Resources | No impact |
| Wetlands | No impact |

| <u>Impacts of Costs</u> | |
|----------------------------------|---|
| | Jacksonville (Losing) |
| Environmental Restoration | DERA money spent through FY03 (\$K): 2,235 Estimated CTC (\$K): 4,637 DO NOT ENTER IN COBRA |
| Waste Management | No impact |
| Environmental Compliance | FY06 NEPA: Scenario \$0K / Cumulative \$281K |

| <u>General Environmental Impacts</u> | |
|--|---|
| Environmental Resource Area | New Orleans (Gaining) |
| Air Quality | The base is located within 100 miles of Breton Wilderness Area, a critical air quality region. This does not restrict operations. A significant air permit revision may be needed. |
| Cultural/ Archeological/ Tribal Resources | No impact |
| Dredging | No impact |
| Land Use Constraints/ Sensitive Resource Areas | No impact |
| Marine Mammals/ Marine Resources/ Marine Sanctuaries | No impact |
| Noise | Noise contours will need to be re-evaluated as a result of the change in mission. The AICUZ reflects the current mission, local land use, and current noise levels. 6,333 acres off-base within the noise contours are zoned by the local community. 690 of these acres are residentially zoned. The community has not purchased easements for area surrounding the installation. |
| Threatened & Endangered Species/ Critical Habitat | No T&E species or critical habitats exist. No impact to T&E species is expected. |
| Waste Management | Modification of the hazardous waste program may be needed. |
| Water Resources | No impact |
| Wetlands | Wetlands Survey may need to be conducted to determine impact. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations. |

| <u>Impacts of Costs</u> | |
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| | New Orleans (Gaining) |
| Environmental Restoration | DERA money spent through FY03 (\$K): N/A Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA |
| Waste Management | FY07 Modify Waste Program: Scenario \$100K / Cumulative \$100K |
| Environmental Compliance | FY06 NEPA: Scenario \$2K / Cumulative \$48K FY07 Significant Air Permit Revision: Scenario \$100K / Cumulative \$100K |

| <u>General Environmental Impacts</u> | |
|---|---|
| Environmental Resource Area | Seymour Johnson (Gaining) |
| Air Quality | Base is in attainment for all criteria pollutants. Significant air permit revision may be required. |
| Cultural/ Archeological/ Tribal Resources | Archaeological sites are present and there is a high potential for other archaeological sites, but they do not constrain operations. Additional operations may impact these sites. |
| Dredging | No impact |
| Land Use Constraints/ Sensitive Resource Areas | Operations are already restricted because of wetlands at the Dare Bomb Range, which limits the base's ability to accept new missions. Sensitive resource areas are present, but do not constrain operations. Additional operations may further impact constraining factors and therefore further restrict operations. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development. |
| Marine Mammals/ Marine Resources/ Marine Sanctuaries | No impact |
| Noise | Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission/local land use. 12287 acres off-base within the noise contours are zoned by the local community. 674 of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation. |
| Threatened& Endangered Species/ Critical Habitat | Three T&E species exist but don't impact operations. Additional operations may impact T&E species. |
| Waste Management | Modification of the hazardous waste program may be required. |
| Water Resources | No impact |
| Wetlands | Wetlands restrict 6% of the base and 96% of the range. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations. |

| <u>Impacts of Costs</u> | |
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| | Seymour Johnson (Gaining) |
| Environmental Restoration | DERA money spent through FY03 (\$K): 18309 Estimated CTC (\$K): 21986 DO NOT ENTER IN COBRA |
| Waste Management | Waste program modification: Scenario \$100K / Cumulative \$100K |
| Environmental Compliance | FY06 NEPA cost: Scenario \$7K / Cumulative \$281K FY07 Significant air permit revision: Scenario \$100K / Cumulative \$100K |