

## Summary of Cumulative Environmental Impacts - Criterion 8

Scenario ID#: USAF-0080V3 (436c5)

Brief Description: Realign Birmingham AGS, AL

| <u>General Environmental Impacts</u>                        |                         |
|---|-------------------------|
| Environmental Resource Area                                 | Birmingham IAP (Losing) |
| <b>Air Quality</b>  | No impact               |
| <b>Cultural/ Archeological/ Tribal Resources</b>            | No impact               |
| <b>Dredging</b>   | No impact               |
| <b>Land Use Constraints/ Sensitive Resource Areas</b>       | No impact               |
| <b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b> | No impact               |
| <b>Noise</b>  | No impact               |
| <b>Threatened&amp; Endangered Species/ Critical Habitat</b> | No impact               |
| <b>Waste Management</b>                                     | No impact               |
| <b>Water Resources</b>                                      | No impact               |
| <b>Wetlands</b>   | No impact               |

| <u>Impacts of Costs</u>          |  |
|----------------------------------|--|
|                                  | Birmingham IAP (Losing)  |
| <b>Environmental Restoration</b> | DERA money spent through FY03 (\$K): 4064<br>Estimated CTC (\$K): 0<br>DO NOT ENTER IN COBRA |
| <b>Waste Management</b>          | No impact  |
| <b>Environmental Compliance</b>  | FY06 NEPA cost: Scenario \$0K / Cumulative \$48K   |

| <b><u>General Environmental Impacts</u></b>                 |   |
|---|---|
| <b>Environmental Resource Area</b>                          | <b>Bangor IAP (Gaining)</b>   |
| <b>Air Quality</b>  | A critical air quality region is located within 100 miles of the installation. This does not impact operations.                                 |
| <b>Cultural/ Archeological/ Tribal Resources</b>            | No impact   |
| <b>Dredging</b>   | No impact   |
| <b>Land Use Constraints/ Sensitive Resource Areas</b>       | Ten sensitive resource areas exist but none constrain operations. Additional operations may impact these areas, which may constrain operations. |
| <b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b> | No impact   |
| <b>Noise</b>  | No increase in off-base noise is expected   |
| <b>Threatened&amp; Endangered Species/ Critical Habitat</b> | No T&E species or critical habitats exist. No impact to T&E species is expected.  |
| <b>Waste Management</b>                                     | No impact   |
| <b>Water Resources</b>                                      | No impact   |
| <b>Wetlands</b>   | Wetlands Survey may need to be conducted to determine impact.   |

| <b><u>Impacts of Costs</u></b>   |  |
|----------------------------------|--|
|                                  | <b>Bangor IAP (Gaining)</b>  |
| <b>Environmental Restoration</b> | DERA money spent through FY03 (\$K): 1218<br>Estimated CTC (\$K): 0<br>DO NOT ENTER IN COBRA |
| <b>Waste Management</b>          | None   |
| <b>Environmental Compliance</b>  | None   |

| <b><u>General Environmental Impacts</u></b> |   |
|---|---|
| <b>Environmental Resource Area</b>          | <b>McGhee Tyson (Gaining)</b>   |
| <b>Air Quality</b>                          | The base is in a non-attainment area for ozone. An initial conformity analysis indicated that a conformity determination is |

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|   | not required.  |
| <b>Cultural/ Archeological/ Tribal Resources</b>            | No impact  |
| <b>Dredging</b>   | No impact  |
| <b>Land Use Constraints/ Sensitive Resource Areas</b>       | No impact  |
| <b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b> | No impact  |
| <b>Noise</b>  | Less than a 3dB general increase in contours can be expected. The FAA Part 150 reflects the current mission/local land use/current noise levels. 2883 acres off-base within the noise contours are zoned by the local community. 1190 of these acres are residentially zoned. The community has not purchased easements for area surrounding the installation. |
| <b>Threatened&amp; Endangered Species/ Critical Habitat</b> | No impact  |
| <b>Waste Management</b>                                     | No impact  |
| <b>Water Resources</b>                                      | No impact  |
| <b>Wetlands</b>   | No impact  |

| <b><u>Impacts of Costs</u></b>   |   |
|----------------------------------|---|
|                                  | <b>McGhee Tyson (Gaining)</b>   |
| <b>Environmental Restoration</b> | DERA money spent through FY03 (\$K): 3,026<br>Estimated CTC (\$K): 3,601<br>DO NOT ENTER IN COBRA                 |
| <b>Waste Management</b>          | No Impact   |
| <b>Environmental Compliance</b>  | FY06 NEPA Cost: Scenario \$98K / Cumulative \$281K<br>FY07 Conformity Analysis: Scenario \$17K / Cumulative \$50K |

| <b><u>General Environmental Impacts</u></b> |  |
|---|--|
| <b>Environmental Resource Area</b>          | <b>Phoenix Sky Harbor (Gaining)</b>  |
| <b>Air Quality</b>                          | An initial conformity analysis shows that a conformity determination is not required. The base is located within 100 miles of Matzatal Wilderness Area, a critical air quality region. |

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|   | This does not restrict operations.   |
| <b>Cultural/ Archeological/ Tribal Resources</b>            | No impact  |
| <b>Dredging</b>   | No impact  |
| <b>Land Use Constraints/ Sensitive Resource Areas</b>       | The base cannot expand ESQD Arcs by $\geq 100$ feet without a waiver, which may lower the safety of the base if operations are added.  |
| <b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b> | No impact  |
| <b>Noise</b>  | Less than a 3dB general increase in contours can be expected. The FAA Part 150 reflects the current mission, local land use, and current noise levels. 9,447 acres off-base within the noise contours are zoned by the local community. 2,690 of these acres are residentially zoned. The community has not purchased easements for area surrounding the installation. |
| <b>Threatened&amp; Endangered Species/ Critical Habitat</b> | No T&E species or critical habitats exist. No impact to T&E species is expected.   |
| <b>Waste Management</b>                                     | No impact  |
| <b>Water Resources</b>                                      | No impact  |
| <b>Wetlands</b>   | 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.   |

| <b><u>Impacts of Costs</u></b>      |   |
|-------------------------------------|---|
| <b>Phoenix Sky Harbor (Gaining)</b> |   |
| <b>Environmental Restoration</b>    | DERA money spent through FY03 (\$K): 5,760<br>Estimated CTC (\$K): 1,098<br>DO NOT ENTER IN COBRA |
| <b>Waste Management</b>             | No impact   |
| <b>Environmental Compliance</b>     | FY07 Air Conformity Analysis: Scenario \$50K / Cumulative \$50K                                   |