

## Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 0033V3 (101Jc2)

Brief Description: Realign Bradley IAP AGS. The 103d Fighter Wing's (ANG) A-10 aircraft will be distributed to the 104th Fighter Wing (ANG), Barnes Municipal Airport AGS, Massachusetts (9 PAA) and retirement (6 PAA). The wing's expeditionary combat support (ECS) elements will remain in place. Bradley will provide ASA support capability. Establish a Centralized Intermediate Repair Facility (CIRF) at Bradley for the TF-34 engine commodity. Realign base-level TF-34 engine intermediate maintenance from Barnes, Selfridge ANGB, Michigan; Shaw AFB, South Carolina; and Martin State Airport AGS, Maryland into a CIRF at Bradley.

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Bradley (Losing / Gaining)</b>
<b>Air Quality</b>	Bradley is in an area designated moderate non-attainment for 8-hour Ozone. An initial conformity analysis shows that a conformity determination is not needed. A significant air permit revision may be needed.
<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 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>	Modification of hazardous waste program may be necessary.
<b>Wetlands</b>	No impact

### **Impacts of Costs**

	<b>Bradley (Losing / Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1974 Estimated CTC (\$K): 4256 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program: Scenario \$100K / Cumulative \$100K
<b>Environmental Compliance</b>	FY07 Significant Air Permit Revision: Scenario \$200K / Cumulative \$200K FY06 NEPA Documentation: Scenario \$0K / Cumulative \$48K FY07 Conformity Determination: \$0K / Cumulative \$50K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Barnes (Gaining)</b>
<b>Air Quality</b>	Barnes is in a non-attainment area for 8-hour Ozone (moderate). An initial conformity analysis shows that a conformity determination is not needed. Barnes is located within 100 miles of Lye Brooks Wilderness (in VT), a critical air quality region. 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>	Barnes reported 6 acres of unconstrained acreage. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Less than a 3dB general increase in contours can be expected. However, this installation is located on a public-use airport, and may not be the predominant contributor of noise at the airport. The FAA Part 150 reflects the current mission and current noise levels. 314.9 acres off-base within the noise contours are zoned by the local community. 60.1 of these acres are residentially zoned. The local community has purchased easements on both developed and undeveloped land. 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 restrict 7% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations. Wetlands Survey may need to be conducted to determine impact.
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<b><u>Impacts of Costs</u></b>	
	<b>Barnes (Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3840 Estimated CTC (\$K): 1267 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: Scenario \$281K / Cumulative \$281K FY07 Conformity Analysis: Scenario \$50K / Cumulative \$50K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Selfridge ANGB (Losing)</b>
<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 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>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Selfridge ANGB (Losing)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 7890 Estimated CTC (\$K): 36221 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Waste program modification: Scenario \$0K / Cumulative \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: Scenario \$0K / Cumulative \$318K FY07 Conformity Analysis: Scenario \$0K / Cumulative \$50K FY07 Significant Air Permit Revision: Scenario \$0K / Cumulative \$200K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Shaw AFB (Losing)</b>
<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 increase in off-base noise is expected.
<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>Shaw AFB (Losing)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 53598 Estimated CTC (\$K): 27143 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program: Scenario \$0K / Cumulative \$100K
<b>Environmental Compliance</b>	FY06 NEPA: Scenario \$0K / Cumulative \$192K FY07 Significant Air Permit Revision: Scenario \$0K / Cumulative \$100K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Martin State(Losing)</b>
<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

<b><u>Impacts of Costs</u></b>	
	<b>Martin State (Losing)</b>

<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 70 Estimated CTC (\$K): 1262 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY07 Conformity Analysis: Scenario \$0K / Cumulative \$50K