

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 0060V2 (S303Jc2)

Brief Description: Realign Nashville IAP AGS. The 118th Airlift Wing's (ANG) C-130H aircraft will be distributed to the 182d Airlift Wing (ANG), Greater Peoria Airport AGS, Illinois (4 PAA) and the 123d Airlift Wing (ANG), Louisville IAP AGS, Kentucky (4 PAA). Flying related ECS is moved to Memphis IAP AGS (Aerial Port and Fire Fighters) and Carswell ARS (Aeromed Squadron). ECS remains in place at Nashville.

<u>General Environmental Impacts</u>	
Environmental Resource Area	Nashville
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>	
	Nashville
Environmental Restoration	DERA money spent through FY03 (\$K): 850 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	No impact

<u>General Environmental Impacts</u>	
Environmental Resource Area	Greater Peoria
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	Less than a 3dB general increase in contours can be expected. The FAA Part 150 document reflects the current mission, local land use, and current noise levels. 3,769.9 acres off-base within the noise contours are zoned by the local community. 607.8 of these acres are residentially zoned.
Threatened& Endangered Species/ Critical Habitat	No impact
Waste Management\	No impact
Water Resources	No impact
Wetlands	Wetlands Survey may need to be conducted to determine impact.

<u>Impacts of Costs</u>	
	Greater Peoria
Environmental Restoration	DERA money spent through FY03 (\$K): 2,269 Estimated CTC (\$K): 554 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	No impact

<u>General Environmental Impacts</u>	
Environmental Resource Area	Louisville
Air Quality	The installation is in a non-attainment area for ozone. An initial conformity analysis shows that a conformity determination is not required. The installation is located within 100 miles of Mammoth Cave National Park, a critical air quality region. This does not restrict operations.
Cultural/ Archeological/ Tribal Resources	No impact
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	The base cannot expand ESQD Arcs by ≥ 100 feet without a waiver, which may lower the safety of the base if operations are added.
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	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Louisville
Environmental Restoration	DERA money spent through FY03 (\$K): 157 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY07 Air Conformity Analysis: scenario \$49K / Cumulative \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Memphis (Gaining)
Air Quality	Base is in a nonattainment area for ozone (8 hr, moderate). An initial conformity analysis shows that a conformity determination is not required.
Cultural/ Archeological/ Tribal Resources	No impact
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 cannot expand ESQD Arcs by ≥ 100 feet without a waiver, which may lower the safety of the base if operations are added.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	No increase in off-base noise is expected.
Threatened & Endangered Species/ Critical Habitat	No T&E species or critical habitats exist. No impact to T&E species is expected.
Waste Management	No impact
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>	
	Memphis (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 3477 Estimated CTC (\$K): 5114 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 NEPA cost: Scenario \$48K / Cumulative \$48K FY07 Air Conformity Analysis: Scenario \$50K / Cumulative \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Carswell
Air Quality	A preliminary assessment shows that a conformity determination is not required. An air permit revision may be needed.
Cultural/ Archeological/ Tribal Resources	The base has two historic properties that are not in historic districts.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	The scenario may require building on constrained acreage. Operations are restricted by no supersonic flight and no live fire in three military operating areas.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Less than a 3dB general increase in contours can be expected. The AICUZ and JLUS reflect the current mission, local land use, current noise levels. 6,947 acres off-base within the noise contours are zoned by the local community. 2,187.6 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	Hazardous waste program modification is needed.
Water Resources	No impact
Wetlands	Wetlands restrict 0.0008% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Carswell
Environmental Restoration	DERA money spent through FY03 (\$K): 26,137 Estimated CTC (\$K): 6,019 DO NOT ENTER IN COBRA
Waste Management	FY07 Hazardous Waste Program: : Scenario \$0K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$0K / Cumulative \$281K FY07 Air Conformity Analysis: Scenario \$0K / Cumulative \$50K FY07 Air Permit Revision: Scenario \$0K / Cumulative \$100K

