

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Birmingham IAP AGS, AL

**Date:** 4/22/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-008V3 (436c2)	Realign Birmingham IAP AGS, AL	-	-
USA-0233	Close/Consolidate Reserve Centers in Alabama	48	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Birmingham IAP
<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>	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>	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>Birmingham IAP</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 4064 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Dannelly Field AGS, AL

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0037V2 (130c1)	Realign Great Falls IAP AGS, MT	281	-
USAF-0113V3 (126.3c1)	Realign Hill AFB, UT	-	-
USAF-0080V3 (436c4)	Realign Birmingham IAP AGS, AL	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Dannelly
<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>	The installation reported 4.9 acres of unconstrained acreage available for development; construction may require building on constrained acreage. The Training Range is constrained by Land Use / Zoning / Commercial /Urban Restrictions. The type of constraint is limited ability to accept new or different missions due to availability of unconstrained land. The restriction affects 500 acres. The Main Base is constrained by Weather. The type of constraint is altered, modified, or re-routed flight operations and/or flight patterns. Two hundred acres of a Training, Testing, or Operational Area is restricted by a Sensitive Resource Area. The restriction is that operations must stay above 4,000 feet in part of the military operating area.
<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. 623.1 acres off-base within the noise contours are zoned by the local community. 10.7 of these acres are residentially zoned. The community has 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>Dannelly</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1079 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

Identify all scenarios that affect the installation:

**Installation:** Maxwell AFB AL

**Date:** 05/06/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0066V2 (319.1)	Close Mansfield Lahm MAP AGS OH	281	-
E&T-0014	Establish Joint Center for Religious Training and Education at FT Jackson, SC	-	-
TECH-0042CR	Consolidate Air and Space C4ISR RDAT&E at Hanscom AFB, MA and Edwards AFB, CA	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Maxwell
<b>Air Quality</b>	Maxwell is in an area in attainment for all criteria pollutants.
<b>Cultural/ Archeological/ Tribal Resources</b>	There are 111 historic properties present in 1 district. There are construction constraints. Additional operations may impact these areas, which may restrict operations. Consultation with the SHPO may be required prior to implementing the scenario.
<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 AICUZ reflects the current mission/local land use/current noise levels. 116 acres off-base within the noise contours are

	zoned by the local community. 12 of these acres are residentially zoned. 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 0.008% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u><b>Impacts of Costs</b></u>	
	<b>Maxwell</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 19,123 Estimated CTC (\$K): 7,713 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## **Summary of Cumulative Environmental Impacts - Criterion 8**

**Installation:**Eielson AFB, AK

**Date:** 4/26/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0056V2 (137.3)	Realign Eielson AFB AK	0	0
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Eielson</b>
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The base has a 582-acre historic district with 21 contributing resources.
<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>Eielson</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 57,367 Estimated CTC (\$K): 8,600 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Elmendorf AFB, AK

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0054V3 (132.2c3)	Realign Elmendorf AFB Excursion, AK	-	-
USAF-0115 (141.2c1)	Realign Elmendorf AFB, AK	-	-
USAF-0018V3 (200.3)	Close Ellsworth AFB, SD	69	18
USAF-0089V3 (704.4)	Close Kulis AGS, AK	90	23
HSA-0010R	Consolidate Installation Management	-	-
Non-BRAC	Programmatic	6	2
New Mission Non-BRAC	Redirect F-22	611	157
<b>Total Costs</b>		<b>776</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Elmendorf
<b>Air Quality</b>	A significant air permit revision is needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	Sites or areas were identified with high potential for archeological sites. The installation has been in formal consultation within the last two years with two Native American tribes. The tribes are local to the installation, and the subject of interest is archeological in nature. The installation has seven historic districts covering 391 acres that include 42 contributing resources. Seven historic properties are not in districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Air operations are already constrained because of weather between October and March, and limits night-time flying. 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. The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety

	waivers.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	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. The area surrounding the base is not zoned by the local community. 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>	Modification of hazardous waste program is needed.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 12% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Elmendorf</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 74,360 Estimated CTC (\$K): 49,604 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$776K FY07 Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Kulis AGS, AK

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0089V3 (704.4)	Close Kulis AGS, AK	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Kulis
<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>Kulis</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 752 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Luke AFB, AZ

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0036V3 (129c2)	Realign Ft Smith MAP AGS AR	-	-
USAF-0113V3 (126.3c1)	Realign Hill AFB UT	-	-
USAF-0102V2 (904c1)	Realign LSC - Langley/Scott AFB	-	-
E&T0052	JSF initial Flight Training to Eglin AFB, FL	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Luke
<b>Air Quality</b>	Luke is in an area in nonattainment for ozone (1 and 8 hr, serious) and PM10 (serious). The base is within 100 mi of the Class I Federal Area, a critical air quality region. It does not restrict operations. An initial conformity analysis shows that a conformity determination is not required for this scenario.
<b>Cultural/ Archeological/ Tribal Resources</b>	There are 1137 archeological sites on the training range where all new actions (construction, training, and testing) must be reviewed. Consultations are being conducted currently. Luke has 8 historic properties (1 on the installation, 7 on the range). Additional operations may impact these areas, which may impact operations.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	No impact to land use from scenario.
<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 AICUZ reflects the current mission/local land use/current noise levels. 9971 acres off-base within the noise contours are zoned by the local community. 1286 of these acres are residentially zoned. Local community has purchased easements. No increase in off-base noise is expected.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species exist but don't impact operations. Additional operations may impact T&E species.
<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>Luke</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 20,269 Estimated CTC (\$K): 428 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Phoenix Sky Harbor IAP AGS, AZ                      **Date:** 4/24/2005  
**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0080V3 (436c4)	Realign Birmingham AGS, AL	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Phoenix Sky Harbor
<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. 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.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Ft Smith MAP AGS, AR

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0036V2 (129c2)	Realign Ft Smith MAP AGS AR	0	0
Non-BRAC	Realign Ft Smith MAP AGS AR	0	0
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Fort Smith MAP AGS
<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>Fort Smith MAP AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): N/A Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	None

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Little Rock AFB, AR

**Date:** 4/23/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0018V3 (200.3)	Close Ellsworth AFB, SD	250	64
USAF-0068V2 (311Zc2)	Realign Renoe-Tahoe IAP AGS, NV	72	19
USAF 0122V3 (316.3)	Realign Pope AFB, NC	302	78
USAF-0121V3 (318.3)	Close Niagara Falls, NY	82	21
USAF-0066V2 (319.1)	Close Mansfield Lahm MAP AGS, OH	41	11
USAF-0067V2 (320c2)	Realign Schenectady County APT AGS, NY	29	7
USAF-0130 (324)	Close General Mitchell ARS, WI	-	-
USAF-0102V2 (904c1)	Realign LSC-Langely AFB, VA/Scott AFB, IL	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>776</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Little Rock
<b>Air Quality</b>	An air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Sensitive resource areas exist but do not constrain operations. Additional operations may impact constraining factors and therefore restrict operations. 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. The AICUZ reflects the current mission, local land use, & current noise levels. The area surrounding the base is not zoned by the local community, and easements have not been purchased for developed or undeveloped land.
<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>	Modification of hazardous waste program may be required.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 2.3% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Little Rock</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 26731 Estimated CTC (\$K): 24511 DO NOT ENTER IN COBRA
<b>Waste Management</b>	Modification of Waste Program: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$776K FY07 Air Permit Revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Beale AFB, CA

**Date:** 4/22/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0081V2 (428.2)	Realign Beale AFB, CA	-	-
non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Beale
<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>Beale</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 101612 Estimated CTC (\$K): 93795 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	None

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Channel Islands AGS, CA

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0129 (326)	Realign Martin State APT AGS, MD	-	32
USAF-0068V3 (311Zc3)	Realign Reno-Tahoe IAP AGS, NV	-	0
USAF-0122R (316.3)	Realign Pope AFB, NC	-	17
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Channel Islands
<b>Air Quality</b>	A preliminary conformity analysis shows that a conformity determination is not needed. San Rafael Wilderness Area, a critical air quality region, is within 100 miles of the installation, but it 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>	Sensitive resource areas exist but do not constrain operations. Additional operations may impact these areas and may constrain operations.
<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 AICUZ reflects the current mission/local land use/current noise levels. 5677 acres off-base within the noise contours are zoned by the local community. Noise contours do not affect off-base residential zoning in the local community. The community has not purchased easements for the 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>	A wetlands survey may need to be conducted to determine impact.

<b><u>Impacts of Costs</u></b>	
	<b>Channel Islands</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 0 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Edwards AFB, CA

**Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0113V3(126.3c1)	Realign Hill AFB UT	-	-
TECH-0042CR	Consolidate Air and Space C4ISR RDAT&E at NAWC China Lake, CA (close Wpns Div Pt Mugu, Ca)	48	50
H&SA-0135	Establish 5 Joint Regional Correctional Facilities	-	-
<b>Total Costs</b>		<b>48</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Edwards
<b>Air Quality</b>	The base is in non-attainment for ozone (maintenance). An initial conformity analysis indicated that a conformity determination is not required. No air permit revision is necessary. A critical air quality region is located within 100 miles of the installation, but it does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	There are 2989 archaeological sites, and there is a native American tribe interested in burial sites on the installation but they do not impact operations. There are also 7 historic properties and 4 historic districts making up 8,461 acres. Additional operations may impact these areas, which may restrict operations.
<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 noise going off base is expected.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and critical habitats already restrict operations (use of high explosives on the range) with a Biological Opinion. Additional operations may impact T&E species and/or critical habitats. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it.
<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>Edwards (Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 277868 Estimated CTC (\$K): 645215 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis \$50K FY06 NEPA Documentation \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Fresno Air Terminal AGS, CA

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0036V2 (129c2)	Realign Ft Smith MAP AGS AR	212	38
USAF-0054V3 (132.2c3)	Realign Elmendorf Excursion (Mt Home)	69	12
USAF-0068V2 (311Zc2)	Realign Reno-Tahoe IAP AGS NV	0	0
Non-BRAC	Realign Ft Smith MAP AGS AR	0	0
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Fresno
<b>Air Quality</b>	An initial conformity analysis indicates that a conformity determination is not needed. Three critical air quality regions are located within 100 miles of the installation but do 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 policies enforced by non-DoD govt. agencies or their land constrain the installation's mission operations. No elaboration is provided. The base cannot expand ESQD Arcs by >=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/current noise levels. 3115 acres off-base within the noise contours are zoned by the local community. 1463 of these acres are residentially zoned. The community has purchased easements on developed but not

	undeveloped land for the 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>	A wetlands survey may need to be conducted to determine impact.

<b><u>Impacts of Costs</u></b>	
	<b>Fresno</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3713 Estimated CTC (\$K): 1302 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** March ARB, CA

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0083V2 (421c2)	Realign March ARB CA	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	March
<b>Air Quality</b>	March is located in an area that is in nonattainment for 8-hour ozone (severe), carbon monoxide (serious), and particulate matter (serious). An initial conformity analysis shows that a conformity determination is not required. March is located within 100 miles of four critical air quality regions. This restricts base operations by triggering Prevention of Significant Deterioration (PSD). The PSD regulation sets forth preconstruction review requirements for stationary sources to ensure that air quality in clean air areas does not significantly deteriorate while maintaining a margin for future industrial growth. The base has been required to implement carpooling as an emission reduction procedure, but the special action did not restrict the installation operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	The base has a 103-acre historic district with 68 contributing resources.
<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>	No increase in off-base noise is expected.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	Modification of the waste program may be necessary.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 0.07% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>March</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 11,066 Estimated CTC (\$K): 14,972 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cummulative Environmental Impacts - Criterion 8

**Installation:** Onizuka AFS, CA

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0011V2 (800Jc1)	Close Onizuka AFS CA	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Onizuka AFS
<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>	Wetlands do not exist. No impact.

<b><u>Impacts of Costs</u></b>	
	<b>Onizuka AFS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 0 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Vandenberg AFB, CA

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0011V2 (800Jc1)	Close Onizuka AFS CA	19	20
USAF-0079V2 (432.1c3)	Portland IAP OR - Refinement	29	30
<b>Total Costs</b>		<b>48</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Vandenberg
<b>Air Quality</b>	The base is in a maintenance area for O3. A preliminary conformity analysis indicates that a conformity determination may not be necessary. The SAN RAFAEL WILDERNESS is within 100 miles of the installation but does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	Over 2300 sites and resources were identified with high potential for archeological sites. The installation is in formal consultation currently with a Native American tribe. The tribe is local to the installation, and the subject of interest is archeological in nature. The installation has 201 historic properties and a programmatic agreement. Consultation with the SHPO may be required prior to implementing the scenario.
<b>Dredging</b>	Dredging was not identified as a high-interest item for this scenario. No impact.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	7 Sensitive resources areas exist, but do not constrain operations. Additional operations may impact these areas, which may constrain operations. 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.
<b>Marine Mammals/ Marine Resources/ Marine</b>	8 Endangered/protected marine species exist at the installation, 5 of which restrict seashore operations. However, this scenario is

<b>Sanctuaries</b>	not expected to impact these species.
<b>Noise</b>	No increase in off-base noise is expected
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	14 T&E species and 1 critical habitat exist. T&E species and critical habitats already restrict operations with a Biological Opinion. Additional operations may impact T&E species and/or critical habitats. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it. Consultation with the USFWS may be required.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 3% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Vandenberg</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 135762 Estimated CTC (\$K): 201785 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K FY07 Conformity Determination: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Buckley AFB, CO (includes Annex) **Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0047V2 (131c3)	Realign Springfield Beckley MPT AGS, OH	-	37
USAF-0055V2 (136c3)	Realign NAS New Orleans AGS, LA	-	4
HSA0018	DFAS Consolidation	-	10
HSA00145R	Consolidate/Colocate Army/AF Active/Reserve Personnel Centers at Ft Knox, KY, Randolph AFB, TX	-	-
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Buckley
<b>Air Quality</b>	An initial conformity analysis shows that a conformity determination is not required. The base is located within 100 miles of three critical air quality regions. This does not restrict operations. The use of military smoke or obscurant for training is restricted on the military installation.
<b>Cultural/ Archeological/ Tribal Resources</b>	The scenario may impact two historic properties that are not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The laws, regulations, or policies enforced by, or the activities of non-DoD federal, tribal, state or local agencies or their land constrain the main installation mission operations. Operations are already restricted because of four constraints. The first constraint is a restriction to air operations due to noise from January to September. The other three constraints are such that enactment of limited night-time flying has caused delays in mission at three training ranges from May to September from

	<p>2200 to 0700 hours.</p> <p>Additional operations may further impact constraining factors and therefore further restrict operations.</p> <p>There are five restrictions to training areas. All involve over flight by at least 1,500 feet above ground level. Four of the restrictions, totaling 8 square miles, are in effect from May to July. The fifth restriction, totaling 10 square miles, is in effect all year long.</p> <p>Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.</p>
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	<p>Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission, local land use, and current noise levels. 2,883 acres off-base within the noise contours are zoned by the local community. Nine of these acres are residentially zoned. The community has not purchased easements for area surrounding the installation.</p>
<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 0.5% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Buckley</b>
<b>Environmental Restoration</b>	<p>DERA money spent through FY03 (\$K): 7,845</p> <p>Estimated CTC (\$K): 13,075</p> <p>DO NOT ENTER IN COBRA</p>
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Peterson AFB, CO

**Date:**05/02/2005

**General Description:** This cumulative assessment is based on the following scenarios.

Scenario ID #	Description	FY06 Environmental (\$K)	FY07 Environmental (\$K)
USAF 0018V2 (200.3)	Close Ellsworth AFB, SD	100	35
INT-0013	Realign CIFA Colorado Springs	2	1
non-BRAC	Programmatic Changes	42	15
<b>Total Costs</b>		<b>144</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Peterson
<b>Air Quality</b>	Peterson is in a maintenance area for Carbon Monoxide. A preliminary analysis indicates that a conformity determination may not be required. The base is located within 100 miles of Florissant Fossil Beds National Monument, a critical air quality region. This does not impact operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	Archaeological resources are present but do not restrict operations. One historic district is present with 4 contributing resources. If the additional operations affect these areas, consultation with the SHPO may be required.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Sensitive resource areas exist but do not constrain operations. Additional operations may impact these areas and therefore restrict operations.
<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. 1300 acres off-base within the noise contours are zoned by the local community.

	Noise contours do not affect off-base residential zoning in the local community. 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>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands do not exist. No impact.

<b><u>Impacts of Costs</u></b>	
	<b>Peterson</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 388 Estimated CTC (\$K): 5 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA Documentation \$144K FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Schriever AFB, CO

**Date:** 04/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0121V3 (318.3c1)	Close Niagara Falls ARS NY	48	50
<b>Total Costs</b>		<b>48</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Schriever
<b>Air Quality</b>	Schriever is in a maintenance area for carbon monoxide. A preliminary conformity analysis indicates that a conformity determination may not be necessary.
<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>	Black-tailed prairie dogs are candidate species that restrict 0.7% of the installation acreage. Additional operations may further impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Schriever</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): N/A Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$48K FY07 Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** United States Air Force Academy, CO

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
MED-0054R	Convert Inpatient Services to clinics at multiple locations (includes Med-04A,B,C 18,49,50,52,53,54)	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	US Air Force Academy
<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>US Air Force Academy</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 6050 Estimated CTC (\$K): 492 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Bradley IAP AGS, CT

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0033V3 (101Jc2)	Realign Bradley IAP AGS, CT	-	300
USAF-0044V2 (142c3)	Close Otis ANGB, MA	48	50
non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>48</b>	<b>350</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Bradley
<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
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<b><u>Impacts of Costs</u></b>	
	<b>Bradley</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: \$100K
<b>Environmental Compliance</b>	FY07 Significant Air Permit Revision: \$200K FY06 NEPA Documentation: \$48K FY07 Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Dover AFB, DE

**Date:** 4/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0064V3 (307.1c2)	Realign New Castle County APT AGS DE	3	4
MED-0002R	Realign Walter Reed Medical Ctr relocate Med functions to Ft Belvoir, VA, Bethesda, MD	93	146
<b>Total Costs</b>		<b>96</b>	<b>150</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Dover
<b>Air Quality</b>	Dover is located in a nonattainment area for ozone (8 hr, moderate). An initial conformity analysis shows that a conformity determination may not be required. The base is located within 100 miles of Brigantine Wilderness, a critical air quality region. This does not impact operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	Archaeological resources are present, and one restricts potential future MFH privatization. There are also 2 historic properties not in districts that do not restrict operations. Additional operations may impact these resources and restrict operations.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	4 Sensitive resource areas are present but do not constrain operations. Additional operations may impact these areas and constrain operations. The base cannot expand ESQD Arcs by >=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>	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>	Modification of hazardous waste program may be required.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 2% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Dover</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 59606 Estimated CTC (\$K): 45324 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$96K FY07 Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** New Castle County Airport AGS, DE

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0064V3 (307.1c2)	Realign New Castle County APT AGS DE	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	New Castle
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains historic property, which may require consultation with the state historic preservation office prior to the transfer of property.
<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>New Castle</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 4755 Estimated CTC (\$K): 2125 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Bolling AFB, DC

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
HSA-0010R	Consolidate Installation Management	-	-
MED-0028	Establish Joint Biomedical RDA Management Center at Ft Detrick, MD	-	-
HSA-0099	Co-locate Adjudication Activities at Ft Meade, MD	-	-
INTEL-0010	Co-locate select DIA function to Rivanna Station, Charlottesville, VA	-	-
HSA-0031	Consolidate Service CPOs	-	-
HSA-0115	Co-locate MILD and DOD Medical Activities at NNMC Bethesda, MD	-	-
HSA-0122R	Realign Air Force Real Property Agency	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Bolling AFB
<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</b>	No impact

<b>Species/ Critical Habitat</b>	
<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>Bolling AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 15,800 Estimated CTC (\$K): 4,000 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No Costs
<b>Environmental Compliance</b>	No Costs

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Eglin AFB, FL

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USA-0040	Relocate the 7th SFG, Ft Bragg, NC to Eglin AFB, FL	65	17
TECH-0042CR	Consolidate Air and Space C4ISR RDAT&E at NAWC China Lake, CA (close Wpns Div Pt Mugu, Ca)	48	50
H&SA-047R	Consolidate MDC and at Redstone Arsenal, AL	4	1
E&T-0052	JSF initial Flight Training to Eglin AFB, FL	696	179
E&T-0038A	Establish 3 JFCOM Joint Range Coordination Center at Eglin AFB, FL, Ft Bliss, TX, North Island, CA	1	0
DoN-0084A	Close NAS JRB Willow Grove, PA	11	3
Non-BRAC	Realign Eglin AFB, FL	-	-
<b>Total Costs</b>		<b>824</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Eglin AFB
<b>Air Quality</b>	A significant air permit revision may be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	The base has 1,930 archaeological sites, and a high potential for archaeological sites, but they do not constrain operations. An Indian tribe has been in formal consultation within the past two years regarding the archaeological sites. Historic properties and districts exist but do not constrain operations. Additional operations could impact these sites, which would impact operations.
<b>Dredging</b>	No impact

<b>Land Use Constraints/ Sensitive Resource Areas</b>	Operations are already restricted by electromagnetic radiation and/or emissions. Additional operations may further impact constraining factors and therefore further restrict operations. Sensitive resource areas exist, but do not constrain operations. Additional operations may impact these areas and therefore restrict operations. 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.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Noise contours will need to be reevaluated due to the change in mission.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	11 T&E species and 2 critical habitats exist and impact operations on 78% of the installation. Operations/testing/training have been delayed or diverted to meet mission requirements. Additional operations may further impact T&E species and/or critical habitats. Endangered Species Act Consultation is required for all T&E species.
<b>Waste Management</b>	The installation is not operating at the maximum permitted capacity for its RCRA Subpart X permitted facility. Modification of the hazardous waste program may be necessary.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater. Potable water controls/restrictions were implemented on 1,825 days from FY99 though FY03. Modification of on-installation treatment works may be necessary.
<b>Wetlands</b>	Wetlands restrict 13.53% of the base, and operations are restricted by their CWA Section 404 permit. Additional operations may impact wetlands and the permit, which may further restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Eglin AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 72200 Estimated CTC (\$K): 35142 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$776K FY07 Significant Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Homestead ARB, FL **Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0113V3 (126.3c1)	Realign Hill AFB, UT	186	-
USAF-0112V2 (127c2)	Close Richmond AGS, VA	95	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Homestead
<b>Air Quality</b>	The base is located within 100 miles of Everglades National Park, a critical air quality region. 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>	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. The AICUZ reflects the current mission and current noise levels, but not the local land use. 2,883 acres off-base within the noise contours are zoned by the local community. 26 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 make up 13% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Homestead</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,894 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Hurlburt Field, FL

**Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
S904c1	Realign LSC Langely AFB, VA / Scott AFB, IL	-	-
Non-BRAC	Prorgammatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hurlburt Field
<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>Hurlburt Field</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 15656 Estimated CTC (\$K): 4042 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

**Summary of Cumulative Environmental Impacts - Criterion 8****Installation:** Jacksonville IAP AGS, FL**Date:** 4/25/2005**General****Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0054V3 (132.2c3)	Realign Elmendorf AFB, AK Excursion	188	-
USAF-044V2 (142c3)	Close Otis ANGB, MA	93	-
USAF 106V2 (908.2c1)	Realign CIRF F100	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Jacksonville</b>
<b>Air Quality</b>	The installation is in attainment for all pollutants. The installation is located within 100 miles of Okefenokee Wilderness Area (GA), 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>	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. 275 acres off-base within the noise contours are zoned by the local community. 10 of these acres are residentially zoned. The community has 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 restrict 20% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** MacDill AFB, FL

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0117V2 (420c4)	Realign Grand Forks AFB ND	243	-
USAF-0081V2 (428.2)	Realign Beale AFB CA	38	-
MED-0054R	Convert Inpatient Services to clinics at multiple locations	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	MacDill
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	Two archeological sites may impact the proposed actions. Current and future construction is constrained within the sites. Three Native American organizations have asserted an interest in burial site(s) and re-internment of Native American remains. Interaction with these Native American organizations is rare. The base has two historic districts totaling 80 acres that are comprised of 41 contributing resources. There are also two historic properties not in districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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. The AICUZ reflects the current mission, local land use, and current noise levels. 789 acres off-base within the noise contours are zoned by the local community. 393 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>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact.
<b>Water Resources</b>	Potable water controls/restrictions were implemented on 1,825 days from FY99 though FY03. Modification of on-installation treatment works may be necessary.
<b>Wetlands</b>	Wetlands make up 20% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>MacDill</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 36,310 Estimated CTC (\$K): 61,630 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA Cost: \$281K

## Summary of Scenario Environmental Impacts - Criterion 8

**Installation:**Patrick AFB, FL

**Date:** 4/28/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
TECH-0018E	Realign Patrick AFB, FL by relocating Navy Strategic T&E at NSB Kings Bay, GA	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Patrick
<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>Patrick</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 42891 Estimated CTC (\$K): 35682 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Tyndall AFB, FL

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0105V2 (907c1)	Realign CIRF - F-15 Avionics	48	200
USAF-0106V2 (908.2c1)	Realign CIRF - F100	-	-
MED-0028	Establish Joint Biomedical RDA Management Center at Ft Detrick, MD	-	-
<b>Total Costs</b>		<b>48</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Tyndall
<b>Air Quality</b>	Base is in attainment for all pollutants. A Critical Air Quality Region is located within 100 miles of the installation, but this does not impact operations. A significant air permit revision is required.
<b>Cultural/ Archeological/ Tribal Resources</b>	There are limitations to fee-simple ownership due to on-base cemeteries. There are native people sites. 21 of 21 archaeological sites constrain current and future construction because data recovery would be required. There are 18 native American tribes interested in the area; however, none have been in contact with the installation. One historic property is present. Additional operations may impact these areas, which may constrain operations.
<b>Dredging</b>	The base dredges 5,200 CY per year (based on 10-year average). The dumping site for spoils has 50,000 CY remaining capacity.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Eight sensitive resource areas exist; three of these impact operations. These sites restrict base ops by requiring minimum AGL for flights within 1 mile of these areas. 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>	No increase in off-base noise is expected
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats already restrict operations with a Biological Opinion. Additional operations may impact T&E species and/or critical habitats. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it.
<b>Waste Management</b>	Modification of the hazardous waste program is required.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 39% of the base by requiring permits and mitigation. Additional operations may further impact wetlands, which may restrict operations.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Dobbins ARB, GA

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0130(324)	Close Gen Mitchell ARS, WI	281	50
DoN-0068	Close NAS Atlanta, GA	0	0
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Dobbins
<b>Air Quality</b>	An initial conformity analysis shows that a conformity determination is not required. Dobbins is located within 100 miles of Cohotta Wilderness Area, a critical air quality region. This does not restrict operations. The base identified that military installation, range, or auxiliary airfield operations have been restricted or delayed as a result of air quality requirements concerning consumption of natural gas in fuel burning equipment.
<b>Cultural/ Archeological/ Tribal Resources</b>	The scenario may impact one historic property that is not in a historic district.
<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>	A less than 3dB general increase in contours can be expected. The AICUZ reflects the current mission, local land use, and current noise levels. 6,689 acres off-base within the noise contours are zoned by the local community. 2,278 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>	Wetlands restrict 0.005% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Dobbins</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2,573 Estimated CTC (\$K): 919 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Moody AFB, GA

**Date:** 4/23/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0056V2 (137.3)	Realign Eielson AFB, AK	193	50
USAF-0122V3 (316.3)	Realign Pope AFB, NC	583	150
E&T-0046R	Consolidate DoD Rotary at Ft Rucker, AL, and Fixed at Various Locations	-	-
<b>Total Costs</b>		<b>776</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Moody
<b>Air Quality</b>	An air permit revision may be needed. A critical air quality region, Okefenokee Nat'l Wildlife Refuge is located within 100 miles of the base; however, this does not constrain operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains 65 archaeological sites; 6 constrain current construction, future construction, and training/testing operations by requiring pre-impact consultation. The base has been in formal consultation with 10 Native American tribes who are interested archaeological sites. One historic property is present. Additional operations may impact these sites/properties, which may constrain operations.
<b>Dredging</b>	No impact

<b>Land Use Constraints/ Sensitive Resource Areas</b>	Operations are already restricted because of non-DoD laws, regulations, or policies at the main installation and the training range. Two acres and groundwater have been restricted because of the Burma Road Landfill, which has a benzene groundwater plume that is located within 0.038 miles of the installation. Two sensitive resource areas are present; one, the Banks Lake National Wildlife Refuge restricts base and range ops by requiring an altitude above the refuge of at least 1,500 ft AGL. Additional operations may further impact these constraining factors and therefore further restrict operations.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Noise contours will need to be re-evaluated as a result of the change in mission. Noise abatement procedures are already in place. The AICUZ reflects the current mission/local land use/current noise levels, and has been adopted for local land use planning. 12,127 acres off-base within the noise contours are zoned by the local community. 96 of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation.
<b>Threatened &amp; Endangered Species/ Critical Habitat</b>	One T&E species on the main installation and one T&E species on the range already restrict operations. In addition, two Biological Opinions are in place for the Gulf of Mexico water training area (marine turtles) and Bemiss Field/C-130 Drop Zone (eastern indigo snake). Additional operations may impact T&E species. In addition, the Biological Opinions will need to be evaluated to ensure the scenario conforms to them.
<b>Waste Management</b>	Modification of the hazardous waste program may be required.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater. Modification of on-installation treatment works may be necessary.
<b>Wetlands</b>	Wetlands restrict 31% of the base and 43% of the range. Wetlands already restrict construction operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Moody</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 42,962 Estimated CTC (\$K): 50,384 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program Modification: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$776K FY07 Significant Air Permit Revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Robins AFB, GA

**Date:** 5/6/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0120V2 (433c3)	Realign Robins AFB, GA	-	-
DON-0068	Close NAS Atlanta, GA	283	178
HSA-00145R	Consolidate/Colocate Army/AF Active/Reserve Personnel Centers at Ft Knox, KY, Randolph AFB, TX	4	2
HSA-0031	Consolidate CPOs (Service Centric solution)	-	-
TECH-0005	Establish Ctr for Rotary Wing Air Platform RDAT&E at NAS Pax River, MD & Redstone Arsenal, AL	-	-
TECH-0006	Establish Ctr for Fixed Wing Air Platform RDAT&E at NAS Pax River, MD&Wright-Patterson AFB, OH	-	-
S&S-0043R	Privatize Tires, Compressed Gas, and Packaged POL	-	-
S&S-0035R	Consolidate / Transfer Service ICPs to DLA	31	20
S&S-0051R	Realign/Consolidate Wholesale Storage/Distribution at 4 Sites ( enable Close MCLB Barstow,CA)	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>318</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Robins
<b>Air Quality</b>	A minor air permit revision may be necessary.
<b>Cultural/ Archeological/ Tribal Resources</b>	Native people and archaeological sites are present, and there is a high potential for archaeological sites. The base is in rare contact with several native American tribes. There are 2 historic districts and 14 historic sites on the base. Additional operations may impact these sites, which may impact operations

<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Sensitive resource areas exist but do not constrain operations. Additional operations may further impact constraining factors and therefore further restrict operations. 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>	Noise contours may need to be reevaluated due to the change in mission. The AICUZ and JLUS reflect the current mission/local land use/current noise levels. 12,863 acres off-base within the noise contours are zoned by the local community. 903 of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation, but the local community has adopted the AICUZ for land use planning. Noise abatement procedures are in place.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	No impact
<b>Waste Management</b>	Modification of hazardous waste program may be necessary.
<b>Water Resources</b>	Modification of on-installation treatment works may be necessary to accommodate the change in mission.
<b>Wetlands</b>	Wetlands restrict 26% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Robins</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 126,160 Estimated CTC (\$K): 132,996 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program: \$100K
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$318K FY07 Minor Air Permit Revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Savannah IAP AGS, GA

**Date:** 04/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0036V3 (129c2)	Realign Ft Smith MAP AGS AR	-	-
USAF-0064V3 (307.1c2)	Realign New Castle County APT AGS DE	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Savannah
<b>Air Quality</b>	The installation is located within 100 miles of Wolf Island National Wildlife Refuge, 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>	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 & current noise levels. 487 acres off-base within the noise contours are zoned by the local community. 71 of these acres are residentially zoned. Easements have not been purchased on either developed or undeveloped land.
<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 3% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Savannah</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 6863 Estimated CTC (\$K): 3836 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Andersen AFB, GU

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios.

Scenario ID #	Description	FY06 Environmental (\$K)	FY07 Environmental (\$K)
HSA 0010R	Consolidate Installation Management	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Andersen AFB
<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>Andersen AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 124,367 Estimated CTC (\$K): 52,225 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Hickam AFB, HI

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0102V2 (904c1)	Realign LSC-Langley AFB,VA /Scott AFB, IL	-	-
USAF-0117V2 (420c4)	Realign Grand Forks AFB, ND	281	-
HSA-0010R	Consolidate Installation Management	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hickam
<b>Air Quality</b>	Hickam is in an area that is in attainment for all criteria pollutants. No impact.
<b>Cultural/ Archeological/ Tribal Resources</b>	The Fort Kamehameha Area is an archaeological site that restricts training/testing/operations and requires concurrence from the state historic preservation office (SHPO) and native Hawaiian groups. Additional operations may further impact this area, and consequently impact operations. The base has been in formal consultation with native Hawaiian tribes within the past 2 years. There are 3 historic districts on the installation. Additional operations may require consultation with the SHPO.
<b>Dredging</b>	The receiving installation has impediments to deepening existing channels.

<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base reported zero unconstrained acres available for development. The scenario may require building on constrained acreage. Operations are already restricted because of limitations by activities of other agencies and non-DoD laws, policies, or regulations. Sensitive resource areas are present and as a result the base is under the same flying restrictions as commercial aviation. 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. The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety waivers. 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/current noise levels. The area surrounding the base is not zoned by the local community. The community has not purchased easements for the area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species exist but don't impact operations. Additional operations may impact T&E species.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
<b>Hickam</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 44983 Estimated CTC (\$K): 97027 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Boise Air Terminal AGS, ID

**Date:** 4/22/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0128 (325.1)	Realign Boise Air Terminal AGS, ID	-	-
DON-0084A (134.1)	Close NAS JRB Willow Grove, PA	-	-
USAF-0037V2 (130.1)	Realign Great Falls IAP AGS, MT	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Boise
<b>Air Quality</b>	The base is located within 100 miles of Sawtooth Wilderness Area, a critical air quality region. This does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	The scenario may impact two Native American Tribes that have an interest in archeological sites. The base is currently in formal consultation with these two Native American Tribes. The base has two historic districts totaling 14.7 acres with 27 contributing resources. There are seven historic properties not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The laws, regulations, or policies enforced by, or the activities of non-DoD federal, tribal, state or local agencies or their land constrain RDT&E range's mission operations. The accommodation of the military installation's missions has been limited by existing or proposed activities of other military departments or other federal, tribal, state or local agencies being located on the RDT&E range. A Sensitive Resource Area restricts range operations. Native habitat must be protected for the future of the birds of prey in the National Conservation Area (NCA). A Candidate Conservation Agreement for <i>Lepidium papilliferum</i> restricts any military activities in identified population centers. Two percent of the total land area is

	restricted. 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 The FAA Part 150 and Installation Environmental Noise Management Plan (IENMP) reflect the current mission, local land use, and current noise levels. 58 acres off-base within the noise contours are zoned by the local community. Thirteen of these acres are residentially zoned. The community has 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>Boise</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,502 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Mountain Home AFB, ID

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0054V3 (132.2c3)	Realign Mt Home AFB ID	-	-
USAF-0113V3 (126.3c1)	Realign Hill AFB UT	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Mountain Home
<b>Air Quality</b>	Mountain Home is in an attainment area for all criteria pollutants. The installation is located within 100 miles of Sawtooth Wilderness Area, a critical air quality region. This does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	Sites or areas with high potential for archeological sites were identified. The base is currently in formal consultation with two Native American Tribes that have asserted an interest in the military installation for the purposes of the National Historic Preservation Act or other required consultation activities. The sites are local to the installation. The base has nine historic properties on the installation and four historic properties on a range that are not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Training and/or RDT&E Ranges are constrained by the laws, regulations, or policies enforced by, or the activities of non-DoD federal, tribal, state or local agencies (Dept of Interior, Dept of Conservation, etc.) or their land. The training range is impacted by three operational constraints because of T&E species. This constraint has resulted in altered, modified, or re-routed flight operations and/or flight patterns. The limitation lasts from May to November, is effective 24 hours per day, and effects 246.49

	square miles of air space and 12,000 acres of land. The base has three training/testing/operational areas restricted by Sensitive Resource Areas. For the first, a 246 square mile area is closed to USAF use 60 days a year for cattle grazing, range maintenance, and environmental/cultural work. For the second, a 500 square mile area is restricted below 1000' AGL or 5000' AGL from April to June. For the third, a 300 square mile area is restricted below 1000' or 5000' AGL from April to June. Additional operations may further impact these constraints and therefore further constrain operations.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	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. 11,725 acres off-base within the noise contours are zoned by the local community. Noise contours do not affect off-base residential zoning in the local community. 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 restrict 0.005% of the military installation and 0.04% of the range. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Mountain Home</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 10,165 Estimated CTC (\$K): 15,902 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Capital MAP AGS, IL

**Date:** 4/27/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0111V2 (128c2)	Realign Capital MAP AGS, IL	2	10
<b>Total Costs</b>		<b>48</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Capital MAP AGS, IL
<b>Air Quality</b>	A significant air permit may be necessary.
<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>	Modification of the hazardous waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Capital MAP AGS, IL</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 796 Estimated CTC (\$K): 996 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify waste program: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K FY07 Significant air permit revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

Greater Peoria Regional Airport AGS,  
**Installation:** IL **Date:** 4/25/2005  
**General**  
**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0060V2 (303Jc2)	Realign Nashville IAP AGS, TN	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Greater Peoria
<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>	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.
<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>	Wetlands Survey may need to be conducted to determine impact.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

Identify all scenarios that affect the installation:

**Installation:** Scott AFB IL

**Date:** 5/4/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0117V3 (420c4)	Realign Grand Forks AFB ND	219	39
USAF-0102V2 (904c1)	Realign LSC - Langley/Scott AFB	16	3
H&SA-0114R	Co-locate TRANSCOM Componentes at Scott AFB, IL	47	8
MED-0054R	Convert Inpatient Services to clinics at multiple locations (includes Med-04A,B,C 18,49,50,52,53,54)	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Scott
<b>Air Quality</b>	An preliminary assessment indicates that a conformity determination may not be necessary.
<b>Cultural/ Archeological/ Tribal Resources</b>	Scott AFB has a 79-acre historic district that may be impacted by future development.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety waivers. 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>	No increase in off-base noise is expected.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist and impact operations. Additional operations may further impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater. Modification of on-installation treatment works may be necessary.
<b>Wetlands</b>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Scott</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 10425 Estimated CTC (\$K): 167222 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA \$281K FY07 Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Fort Wayne IAP AGS, IN  
**General**

**Date:** 4/26/2005

**Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0111V2 (128c2)	Realign Capital MAP AGS IL	281	250
Non-BRAC	Realign Hulman Regional APT AGS IN	0	0
<b>Total Costs</b>		<b>281</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Fort Wayne IAP AGS
<b>Air Quality</b>	Fort Wayne IAP AGS is in a nonattainment area for 8-hour ozone (subpart 1). An initial conformity analysis shows that a conformity determination is not required. A minor permit revision may be necessary.
<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 AICUZ reflects the current mission, local land use, and current noise levels. 1,667 acres off-base within the noise contours are zoned by the local community. 172 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>	Modification of the hazardous waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Fort Wayne IAP AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,509 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K FY07 Air Conformity Analysis: \$50K FY07 Minor Air Permit Revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Grissom ARB, IN

**Date:** 4/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
DON-0055	Close NMRC Grissom ARB, IN	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Grissom ARB
<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>Grissom ARB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 4104 Estimated CTC (\$K): 6988 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Scenario Environmental Impacts - Criterion 8

**Installation:** Hulman Regional APT AGS, IN

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USA-0246	Close/Consolidate Reserve Centers in Indiana	48	250
USAF-0111V2 (128c2)	Realign Capital MAP AGS IL	0	0
Non-BRAC	Realign Capital MAP AGS IL	0	0
<b>Total Costs</b>		<b>48</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hulman Regional AGS
<b>Air Quality</b>	An initial conformity analysis indicates that a conformity determination is not required. A minor 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>	Springfield reported 5.7 unconstrained acres available for development, and the scenario requires ~7.3 acres. The scenario may require building on constrained acreage.
<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>	The hazardous waste program may need to be modified.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.

<b>Wetlands</b>	Wetlands Survey may need to be conducted to determine impact.
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<b><u>Impacts of Costs</u></b>	
	<b>Hulman Regional AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1815 Estimated CTC (\$K): 504 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program Modification: \$100K
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$48K FY07 Air conformity analysis: \$50K FY07 Minor air permit revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Des Moines IAP AGS, IA

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0037V2 (130c1)	Realign Great Falls IAP AGS, MT	72	-
USAF-0047V2 (131c2)	Realign Springfield-Beckley MPT AGS, OH	209	-
USAF-0112V2 (127c2)	Realign Richmond AGS, VA	-	-
USAF-0111V2 (128c2)	Realign Capital MAP AGS, IL	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Des Moines
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The base has one historic property not in a historic district that may impact this scenario.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base cannot expand ESQD Arcs by >=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/current noise levels. 1332 acres off-base within the noise contours are zoned by the local community. 187 of these acres are residentially zoned. The community has purchased easements for the 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>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Des Moines</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,001 Estimated CTC (\$K): 25 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Sioux Gateway APT AGS, IA                      **Date:** 4/24/2005

**General Description:** This cumulative assessment is based on the following scenarios.

Scenario ID #	Description	FY06 Environmental (\$K)	FY07 Environmental (\$K)
USAF 0084V2 (435c3)	Realign Fairchild	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Sioux Gateway
<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>	The installation reported zero unconstrained acres available for development. The scenario may require building on constrained acreage.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Noise contours will need to be re-evaluated as a result of the change in mission. The FAA Part 150 reflects the current mission/local land use/current noise levels. 846 acres off-base within the noise contours are zoned by the local community. 106 of these acres are residentially zoned. The community has not purchased easements for the 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>Sioux Gateway</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 5123 Estimated CTC (\$K): 257 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Forbes Field, KS

**Date:** 4/26/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0079V2 (432.1c3)	Realign Portland IAP OR - Refinement	0	0
USAF-0117V2 (420c4)	Realign Grand Forks AFB ND	0	0
Non-BRAC	Programmatic Action	0	0
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Forbes
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains historic property, which may impact future development.
<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>	A less than 3 dB general increase in off-base noise is expected. The FAA Part 150 reflects the current mission, local land use, and current noise levels. 165 acres off-base within the noise contours are zoned by the local community. Noise contours do not affect off-base residential zoning in the local community.
<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>Forbes</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 69.740 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** McConnell AFB, KS

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0117V2 (420c4)	Realign Grand Forks AFB ND	0	0
USAF-0083V2 (421c2)	Realign March ARB CA	21	11
USAF-0099V2 (901c2)	Realign STAMP/STRAPP Missions Lackland AFB TX	10	5
USAF-0120V2 (433c3)	Realign Robins AFB GA	250	133
<b>Total Costs</b>		<b>281</b>	<b>150</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	McConnell
<b>Air Quality</b>	McConnell is in an area that is in attainment for all criteria pollutants. A minor air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	Actions may impact five historic properties that are not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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. The AICUZ reflects the current mission, local land use, and current noise levels. 517.2 acres off-base within the noise contours are zoned by the local community. 36.7 of these acres are residentially zoned. The community has purchased easements for areas 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>	Hazardous waste program modification needed.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands make up 0.63% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>McConnell</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 13,488 Estimated CTC (\$K): 12,386 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K FY07 Minor Air Permit Revision cost: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Louisville IAP AGS, KY

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0060V2 (303Jc2)	Realign Nashville IAP AGS TN	-	49
USAF-0066V2 (319.1)	Close Mansfield Lahm MAP AGS OH	-	1
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Louisville
<b>Air Quality</b>	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.
<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 document reflects the current mission, local land use, and current noise levels. 4,551 acres off-base within the noise contours are zoned by the local community. 396 of these acres are residentially zoned.
<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>	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Barksdale AFB, LA

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0055V2 (136c3)	Realign NAS New Orleans ARS, LA	187	-
USAF 0056V2 (137.3)	Realign Eielson AFB, AK	94	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Barksdale
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	18 possible archaeological sites are present, but do not restrict operations. A native American tribe rarely interacts with the installation regarding archaeological and burial sites. 1 historic district is present encompassing 230 acres. Additional operations may impact these cultural resources and restrict operations.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base identified three altered, modified or rerouted ground operations restrictions. 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.
<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 AICUZ and JLUS reflect the current mission, local land use, and current noise levels. 35,343 acres off-base within the noise contours are zoned by the local community. 3,194 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>	T&E species and/or critical habitats exist and impact operations. Additional operations may further impact T&E species and/or critical habitats.
<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.

<b><u>Impacts of Costs</u></b>	
	<b>Barksdale</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 15,590 Estimated CTC (\$K): 38,442 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**NAS New Orleans ARS, LA

**Date:** 4/26/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0055V2 (136c3)	Realign NAS News Orleans ARS, LA	-	-
USAF-0079V2 (432.1c3)	Realign Portland IAP AGS, OR	46	-
USAF-0106V2 (908.2c1)	Realign CIRF - F100	2	200
<b>Total Costs</b>		<b>48</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	New Orleans
<b>Air Quality</b>	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.
<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>	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.
<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>	Modification of the hazardous waste program may be needed.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Bangor IAP AGS, ME

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0121V3 (318.3c1)	Close Niagara Falls ARS, NY	-	-
USAF-0080V2 (436c4)	Realign Birmingham IAP AGS, AL	-	-
USAF-0077V3 (437c4)	Realign Key Field AGS, MS	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Andrews AFB, MD

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0129 (326)	Realign Martin State APT AGS, MD	0	0
USAF-0063V2 (306Zc2)	Realign Andrews AFB, MD	-	-
USAF-0114V3 (125.1c2)	Close Cannon AFB, NM	123	22
HSA-0010R	Consolidate Installation Management	-	-
HSA-0108R	Consolidate Mildept Investigation Agencies, Counter-Intelligence, & Defense Security Services	-	-
HSA-0132R	Consolidation of Air Force Leased Space	158	28
MED 0054R	Convert Inpatient Services to Clinics	-	-
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Andrews
<b>Air Quality</b>	A preliminary conformity analysis shows that a conformity determination is not needed. The base is located within 100 miles of Shenandoah National Park, a critical air quality region. This does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	The scenario may impact a historic property that is not in a historic district.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The scenario may require building on constrained acreage. Electromagnetic radiation and/or emissions constrain current military installation, range, or auxiliary field operations. 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. 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 AICUZ reflects the current mission, local land use, and current noise levels. 8,311 acres off-base within the noise contours are zoned by the local community. 3,787 of these acres are residentially zoned. Indicate whether the community has purchased easements for area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Andrews</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 53,781 Estimated CTC (\$K): 66,007 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Martin State APT AGS, MD

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0129 (326)	Realign Martin State	-	-
DoN-0084A	Close NAS JRB Willow Grove, PA	-	50
USAF-0033V3 (101Jc2)	Realign Bradley IAP AGS CT	-	-
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Martin State
<b>Air Quality</b>	Martin State is in moderate non-attainment for 8-hour Ozone. A preliminary conformity analysis indicates that a conformity determination may not be 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>	A less than 3 dB general increase in the off-base noise contributed by the Air Force 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 4% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Martin State</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 \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Barnes MPT AGS, MA

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0033V3 (101Jc2)	Realign Bradley IAP AGS, CT	281	50
USAF-0044V2 (142c3)	Close Otis ANGB, MA	0	0
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Barnes (Gaining Base)
<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.

<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.

<b><u>Impacts of Costs</u></b>	
	<b>Barnes (Gaining Base)</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: \$281K FY07 Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Hanscom AFB, MA

**Date:** 05/05/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
TECH-0009RV2	Defense Research Service Led Laboratories	-	-
TECH-0042C	Consolidate Air and Space C4ISR RDAT&E at Hanscom AFB, MA and Edwards AFB, CA	672	250
<b>Total Costs</b>		<b>672</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hanscom (Gaining)
<b>Air Quality</b>	An initial air conformity analysis indicated that a conformity determination is not needed. Carpooling initiatives are used as an emission reduction technique. A minor air permit revision may be necessary.
<b>Cultural/ Archeological/ Tribal Resources</b>	One archaeological site is present but does not constrain operations. A native American tribe is in contact, but not formally, with the base regarding cultural land. Additional operations may impact these sites, which may constrain operations.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Sensitive resource areas exist but do not 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 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>	The hazardous waste program will require modification.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 5% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Hanscom (Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 41797 Estimated CTC (\$K): 10461 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 hazardous waste program \$100K
<b>Environmental Compliance</b>	FY06 NEPA costs: \$672K FY07 Air Conformity Analysis \$50K FY07 Minor Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Otis ANGB, MA

**Date:** 04/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0044V3 (142c3)	Close Otis ANGB MA	1150	-
<b>Total Costs</b>		<b>1150</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Otis
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains historic property which may require consultation with the state historic preservation office prior to the transfer of property. Otis ANGB is in formal consultation with a Native American Tribe that has asserted an interest in the military installation for the purposes of National Historic Preservation Act or other consultation activities.
<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>	Closure of on-installation treatment works may be necessary.

<b>Wetlands</b>	No impact
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<b><u>Impacts of Costs</u></b>	
	<b>Otis</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 83,453 Estimated CTC (\$K): 1,250 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 Disposal NEPA \$1.15M

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Westover ARB, MA

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USA-0212	Close/Consol. Army NG/Res Ctrs w/NRC at AFRC Chicopee, MA (Westover ARS)	91	236
DON-0138R	Close NAS Brunswick, ME relocate all squadrons to NAS Jacksonville, FL	5	14
<b>Total Costs</b>		<b>96</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Westover
<b>Air Quality</b>	The base is in a nonattainment area for ozone 8-hr ozone (moderate). An initial conformity analysis indicated a conformity determination would not be required. A minor air permit modification may be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	There are 27 archeological sites and 5 historic properties present. There are no current constraints on construction, training, and testing. Additional operations may impact these areas, which may restrict operations. Consultation with the SHPO may be required prior to implementing the scenario.
<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 habitat exists. No impact to T&E species is expected.
<b>Waste Management</b>	Modification of the hazardous waste program may be required.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict .057% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Westover</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 13502 Estimated CTC (\$K): 7269 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste program modification \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$96K FY07 Conformity analysis cost: \$50K FY07 Air permit revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Selfridge ANGB, MI

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0081V2 (428.2)	Realign Beale AFB CA	51	56
DoN-0084A	Close NAS JRB Willow Grove, PA	44	49
USAF-0049V2 (135c2)	Close W.K. Kellogg APT AGS MI	223	246
USAF-0033V3 (101Jc2)	Realign Bradley IAP AGS CT	-	-
non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>318</b>	<b>350</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Selfridge ANGB
<b>Air Quality</b>	Selfridge is in nonattainment for Ozone (8 hr, marginal). A preliminary conformity analysis indicates that conformity should be achievable for the combined Air Force BRAC scenarios and force structure changes planned at Selfridge. A conformity analysis will be required. A significant air permit revision may be necessary.
<b>Cultural/ Archeological/ Tribal Resources</b>	115 Historic properties are located on the installation, and the installation has a programmatic agreement. Additional operations may impact these properties and/or require consultation with the state historic preservation office.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	A sensitive resource area exists, but it does not restrict operations. Additional operations may impact this area, which may impact operations. 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>	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/current noise levels, and noise abatement procedures have been published. 686 Acres off-base within the noise contours are zoned by the local community. 533 Of these acres are residentially zoned. The community has not purchased easements for the 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>	Modification of hazardous waste program may be required.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 15% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Selfridge ANGB</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 \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Conformity Analysis \$50K FY07 Significant Air Permit Revision \$200K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** W.K. Kellogg APT AGS, MI

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0049V2 (135c2)	Close W.K. Kellogg APT AGS MI	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	W. K. Kellogg AGS
<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>W. K. Kellogg AGS</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>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Duluth IAP AGS, MN

**Date:** 04/28/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0035V2 (103Jc2)	Realign Duluth IAP AGS, MN	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Duluth
<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>Duluth</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 7,395 Estimated CTC (\$K): 3,120 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Columbus AFB, MS

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	0	0
E&T-0046R	Consolidate DoD Rotary at Ft Rucker, AL, and Fixed at Various Locations	318	200
<b>Total Costs</b>		<b>318</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Columbus
<b>Air Quality</b>	Columbus is in area that is in attainment for all criteria pollutants. A significant air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	Columbus contains a historic district as well as cemeteries that may impact future development.
<b>Dredging</b>	No impact.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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>	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, current noise levels. 8148 acres off-base within the noise contours are zoned by the local community. 6880 of these acres are residentially zoned.
<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>	Modification of the hazardous waste program may be necessary.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 4% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Columbus</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 12779 Estimated CTC (\$K): 9042 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Significant Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Jackson IAP AGS, MS

**Date:** 4/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-077V3 (437c4)	Realign Key Field AGS, MS	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Jackson IAP
<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>Jackson IAP</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 796 Estimated CTC (\$K): 996 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Keesler AFB, MS

**Date:** 4/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
MED-0054R	Convert Inpatient Services to Clinics	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Keesler
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

<b><u>Impacts of Costs</u></b>	
	<b>Keesler</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 22,666 Estimated CTC (\$K): 2863 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Key Field AGS, MS

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0077V3 (437c4)	Realign Key Field AGS MS	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Key Field
<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>Key Field</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2996 Estimated CTC (\$K): 4245 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Lambert - St. Louis IAP AGS, MO

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0044V3 (142c3)	Close Otis ANGB MA	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Lambert-St Louis
<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>Lambert-St Louis</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 9839 Estimated CTC (\$K): 10662 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Rosecrans Memorial APT AGS, MO

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0063V2 (306Zc2)	Realign Andrews AFB MD	-	-
USAF-0113V3 (126.3c1)	Realign Hill AFB UT	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Rosecrans
<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>	A 3 dB general increase in the off-base noise contributed by the Air Force is expected. The FAA Part 150 reflects the current mission, local land use, and current noise levels. The area surrounding the base is not zoned by the local community.
<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.
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<b><u>Impacts of Costs</u></b>	
	<b>Rosecrans</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2497 Estimated CTC (\$K): 1420 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Whiteman AFB, MO

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0055V2 (136c3)	Realign NAS New Orleans ARS LA	281	50
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Whiteman
<b>Air Quality</b>	A minor 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>	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. The AICUZ reflects the current mission and local land use. The area surrounding the base is not zoned by the local community. The community has not purchased easements for the 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 do not exist. No impact.

<b><u>Impacts of Costs</u></b>	
	<b>Whiteman</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 23073 Estimated CTC (\$K): 7626 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA Documentation cost: \$281K FY07 Minor air permit revision cost: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Great Falls IAP AGS, MT

**Date:** 4/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0037V2 (130.1)	Realign Great Falls AGS, MT	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Great Falls IAP AGS
<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>Great Falls IAP AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3302 Estimated CTC (\$K): 1601 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	None

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Malmstrom AFB, MT

**Date:** 04/26/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USA-0251	Close/Consolidate Reserve Centers in Montana	48	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Malmstrom
<b>Air Quality</b>	Malmstrom is located within 100 miles of Scapegoat Wilderness Area, a critical air quality region. This does not restrict operations. The base is in an area that is in attainment for all criteria pollutants.
<b>Cultural/ Archeological/ Tribal Resources</b>	The base has an archeological site or resource that constrains future construction. There are also three historic properties not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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>	No increase in off-base noise is expected
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact

<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.06% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Malmstrom</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3,547 Estimated CTC (\$K): 7,662 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Offutt AFB, NE

**Date:** 4/24/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	48	-
HSA-0018	DFAS Consolidation	-	-
<b>Total Costs</b>		<b>48</b>	<b>-</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Offutt
<b>Air Quality</b>	The base is in attainment for all criteria pollutants.
<b>Cultural/ Archeological/ Tribal Resources</b>	An historic district is located on the installation. Additional operations may impact this district, which may constrain operations.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Noise and the APZs and CZs are already year-round constraining factors that cause altered, modified, or re-routing of flight patterns and flight operations, and results in time and air ops restrictions. 115 Acres are constrained by groundwater contamination at Bldg 301 and OJETS. A sensitive resource area is present but does not constrain operations. Additional operations may further impact constraining factors and therefore further restrict operations. The base cannot expand ESQD Arcs by >=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>	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>Offutt</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 33545 Estimated CTC (\$K): 49568 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Nellis AFB, NV

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0114V3 (125.1c2)	Close Cannon AFB, NM	49	661
USAF-0113V3 (126.3c1)	Realign Hill AFB, UT	-	-
USAF-0054V3 (132.2c3)	Realign Elmendorf Excursion	88	1181
USAF-0044V2 (142c3)	Close Otis ANGB, MA	56	754
USAF-0055V2 (136c3)	Realign NAS New Orleans ARS, LA	2	22
USAF-0056V2 (137.3c1)	Realign Eielson AFB, AK	124	1671
USAF-0068V2 (311Zc2)	Realign Reno-Tahoe IAP AGS, NV	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>318</b>	<b>4289</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Nellis
<b>Air Quality</b>	A preliminary conformity analysis shows that a conformity determination may be required. A more in-depth review is required. The inability to achieve a positive conformity determination may be a constraint to this scenario. Air emission offsets may be required. The installation is located within 100 miles of the Grand Canyon, a critical air quality region. This causes no air quality restrictions. A significant air permit revision may be necessary.
<b>Cultural/ Archeological/ Tribal Resources</b>	Sites or areas with high potential for archeological sites were identified. The base is currently in formal consultation with 16 Native American Tribes that have asserted an interest in the military installation for the purposes of the National Historic Preservation Act or other required consultation activities. The sacred, archeological, and burial sites are local to the installation.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The Desert National Wildlife Range restricts range operations ground activities above 4,000 ft MSL via MOU with US Fish and Wildlife Service. This restricts 20% of the range land. Four

	factors were identified at the Nevada Test and Training Range that constrain operations. Three of the operational constraints last two weeks per year, and the fourth constraint lasts one week per year. The four constraints are of the following type: Unable to complete training requirements at home installation and must go TDY. One factor was identified at Nellis that constrains operations for two weeks per year. The constraint is of the following type: Unable to complete training requirements at home installation and must go TDY. 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>	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. 11,920 acres off-base within the noise contours are zoned by the local community. 1,060 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>	T&E species and/or critical habitats already restrict operations with a Biological Opinion. Additional operations may impact T&E species and/or critical habitats. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it.
<b>Waste Management</b>	Modification of hazardous waste program is needed.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Nellis</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 43,187 Estimated CTC (\$K): 29,177 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Waste Program Modification \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Air Conformity Analysis \$50K FY07 Air Conformity Determination \$100K FY07 Significant Air Permit Revision \$300K FY07 Air Emission offsets \$3,691K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Reno-Tahoe IAP AGS, NV

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0068V2 (311Zc2)	Realign Reno-Tahoe IAP AGS NV	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Reno-Tahoe
<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>Reno-Tahoe</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3440 Estimated CTC (\$K): 406 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Pease International Trade Port AGS, NH

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0083V2 (421c2)	Realign March ARB CA	281	50
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Pease
<b>Air Quality</b>	A preliminary conformity analysis shows that a conformity determination is not required. The base is located within 100 miles of two critical air quality regions, but 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>	Sensitive Resource Areas exist but do not constrain operations. Additional operations may impact these areas and constrain operations.
<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. 859 acres off-base within the noise contours are zoned by the local community. 80 of these acres are residentially zoned. The community has 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.

<b><u>Impacts of Costs</u></b>	
	<b>Pease</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 340 Estimated CTC (\$K): 2249 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K FY07 Air Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Atlantic City IAP AGS, NJ

**Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF 0044V2 (142c3)	Close Otis ANGB, MA	239	263
USAF 0079V2 (432.1c3)	Realign Portland IAP AGS, OR	79	87
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>318</b>	<b>350</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Atlantic City
<b>Air Quality</b>	An initial air conformity analysis indicated that a conformity determination is not needed. An air permit revision may be needed. The Brigantine Wilderness Area, 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>	The installation reported 133 unconstrained acres available for development. A sensitive resource area exists but does not restrict operations. Additional operations may impact this area and restrict operations. 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. The FAA Part 150 reflects the current mission/local land use/current noise levels. 209 acres off-base within the noise contours are zoned by the local community. All of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	One T&E species and 4 critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	Modification of the waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0% of the base and 7.4% of the range. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Atlantic City</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1285 Estimated CTC (\$K): 2167 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Waste Program Modification: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Conformity analysis: \$50K FY07 Air permit revision: \$200K

## Summary of Scenario Environmental Impacts - Criterion 8

**Installation:**McGuire AFB, NJ

**Date:** 04/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0118V2 (434c2)	Realign McGuire AFB NJ	-	-
USAF-0064V3 (307.1c2)	Realign New Castle County APT AGS DE	0	0
DON-0084A	Close NAS JRB Willow Grove, PA	776	350
non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>776</b>	<b>350</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	McGuire
<b>Air Quality</b>	McGuire is in an area that is in moderate nonattainment for 8-hr ozone and an ozone transport region (OTR). A preliminary analysis indicates that a conformity determination may not be required. A conformity analysis will be required. Significant air permit revision will be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	McGuire contains archeological sites, areas with a high potential for archeological sites, and historic property that may impact the scenario.
<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>	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/current noise levels. 4993 acres off-base within the noise contours are zoned by the local community. 23 of these acres are residentially zoned. The community has purchased

	easements for area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	No impact
<b>Waste Management</b>	Modification of Hazardous Waste Program may be required.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater. Potable water controls/restrictions were implemented on 337 days from FY99 though FY03.
<b>Wetlands</b>	Wetlands restrict 14% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>McGuire AB</u></b>	
	<b>McGuire AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 33,300 Estimated CTC (\$K): 316,800 DO NOT ENTER IN COBRA
<b>Waste Management</b>	Waste program modification cost: Scenario \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$776K FY07 Significant air permit revision cost: \$200K FY07 Conformity analysis cost: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Cannon AFB, NM

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0114V3 (125.1)	Close Cannon AFB	1150	-
non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>1150</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Cannon (Closing)
<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>	Closure of on-installation treatment works may be necessary.
<b>Wetlands</b>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Cannon (Closing)</b>
<b>Environmental Restoration</b>	<p>DERA money spent through FY03 (\$K): 12,500                      Estimated CTC (\$K): 1,200                      DO NOT ENTER IN COBRA                      Decision makers should be aware that the closure decision contemplated in this scenario would necessitate the closure of ranges and the remediation of any munitions contaminants on the ranges. The cost and time required to remediate the ranges is uncertain and may be significant, potentially limiting near-term reuse of the range portion of the facility.</p>
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$1,150K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Holloman AFB, NM

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
MED0057R	Close Brooks City-Base	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Holloman
<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>Holloman</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 26,994 Estimated CTC (\$K): 5,405 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Kirtland AFB, NM

**Date:** 5/5/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0114V3 (125.1)	Close Cannon AFB, NM	48	75
USA-0215	Close/Consolidate Army Reserve Centers with NMCRC at AFRC Kirtland, NM	9	15
HSA-0135	Establish 4 Joint Regional Correctional Facilities	-	-
TECH-0009RV@	Consolidate Defense Research Laboratories	39	61
HSA-0047R	Consolidate MDC and SMDC at Redstone Arsenal, AL	-	-
TECH-0018C	Relocate Missile Defense Agency (MDA) W&A RDAT&E to Redstone Arsenal, AL	-	-
<b>Total Costs</b>		<b>96</b>	<b>150</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Kirtland
<b>Air Quality</b>	An initial conformity analysis shows that a conformity determination is not needed. The base is located within 100 miles of Pecos Wilderness Area, a critical air quality region. This does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	Sites or areas with high potential for archeological sites were identified. Twenty-three federally recognized Native American Tribes have asserted an interest in the military installation for the purposes of National Historic Preservation Act or other consultation activities. The base has two historic districts totaling 85 acres that include 18 contributing resources. There are 72 historic properties not in districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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. The FAA Part 150 reflects the current mission, local land use, and current noise levels. 490 acres off-base within the noise contours are zoned by the local community. Nine of these acres are residentially zoned. The community has 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>	Modification of waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Kirtland</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 76,561 Estimated CTC (\$K): 107,350 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA \$96K FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Hancock Field AGS, NY

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0038V2 (138c4)	Realign Hancock Field AGS, NY	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hancock
<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

<u><b>Impacts of Costs</b></u>
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	<b>Hancock</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3,925 Estimated CTC (\$K): 2,782 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Niagara Falls IAP ARS, NY

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0121V3 (318.3c1)	Close Niagara Falls ARS NY	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Niagara Falls ARS
<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>	The installation is regulated by the USFWS regarding T&E species which may require consultation with the USFWS prior to the transfer of property.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 3.8% of the base.

<b><u>Impacts of Costs</u></b>	
	<b>Niagara Falls ARS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 9232 Estimated CTC (\$K): 1420 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

Identify all scenarios that affect the installation:

**Installation:** Rome Laboratory NY

**Date:** 05/05/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
TECH-0009RV2	Defense Research Service Led Laboratories	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

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

## Summary of Cumulative Environmental Impacts - Criterion 8

Realign Schenectady County APT

Installation:AGS, NY

Date: 04/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0038V2 (138c4)	Realign Hancock Field AGS NY	-	-
USAF-0067V2 (320c2)	Realign Schenectady County APT AGS NY	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Schenectady
<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>Schenectady</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,903 Estimated CTC (\$K): 2,350 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Charlotte Douglass IAP AGS, NC

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0064V3 (307.1c2)	Realign New Castle County Airport AGS, DE	-	50
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Charlotte-Douglas
<b>Air Quality</b>	A preliminary conformity analysis shows that a conformity determination is 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. 6926 acres off-base within the noise contours are zoned by the local community. 3937 of these acres are residentially zoned. Easements have not been purchased on either developed or undeveloped land.
<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 0.5% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Charlotte</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1695 Estimated CTC (\$K): 1171 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07: None
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Pope AFB, NC

**Date:** 5/6/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	-	-
USAF-0130 (324)	Close General Mitchell ARS, WI	25	2
USA-0222	Close Fort MacPherson, GA	549	48
USA-0121	Close Fort Gillem, GA	2	0
<b>Total Costs</b>		<b>576</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Pope
Air Quality	No impact
Cultural/ Archeological/ Tribal Resources	The base has an 18-acre historic district with 32 contributing resources. There is also one historic property that is not in a historic district.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	The scenario may require building on constrained acreage. Operations are already restricted because of two Sensitive Resource Areas: red-cockaded woodpecker habitats and wetlands. Additional operations may further impact constraining factors and therefore further restrict operations. The base identified four constraints on operations where personnel are unable to complete training requirements at the home installation and must go TDY. 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	No increase in off-base noise is expected.
Threatened& Endangered Species/ Critical Habitat	T&E species and/or critical habitats exist and impact operations. Additional operations may further impact T&E species and/or critical habitats.
Waste Management	No impact.
Water Resources	No impact
Wetlands	Wetlands restrict 6.9% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Pope AFB (Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 15,401 Estimated CTC (\$K): 9,661 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

Identify all scenarios that affect the installation:

**Installation:** Seymour Johnson AFB NC

**Date:** 05/06/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0117V2 (420c4)	Realign Grand Forks AFB ND	274	-
USAF-0106V2 (908.2c1)	Realign CIRF - F100	7	200
<b>Total Costs</b>		<b>281</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required." Assigned waste and air costs to 908.2c1 as CIRF mission is driving factor.

<u>General Environmental Impacts</u>	
Environmental Resource Area	Seymour Johnson
<b>Air Quality</b>	Base is in attainment for all criteria pollutants. Significant air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	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.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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.
<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 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.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	Three T&E species exist but don't impact operations. Additional operations may impact T&E species.
<b>Waste Management</b>	Modification of the hazardous waste program may be required.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	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.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Grand Forks AFB, ND

**Date:** 5/5/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0117V3 (420c4)	Realign Grand Forks AFB, ND	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Grand Forks (Losing - Property Disposal Possible)
Air Quality	No impact
Cultural/ Archeological/ Tribal Resources	The installation contains historic property, which may require consultation with the state historic preservation office prior to any transfer of property.
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	The installation has a permitted inert solid waste disposal facility that may require closure prior to any transfer of property.
Water Resources	Closure or modification of on-installation treatment works may be necessary.
Wetlands	No impact

<b><u>Impacts of Costs</u></b>	
<b>Grand Forks (Losing - property disposal possible)</b>	
Environmental Restoration	DERA money spent through FY03 (\$K): 11,511 Estimated CTC (\$K): 6,140 DO NOT ENTER IN COBRA Decision makers should be aware that the realignment decision contemplated in this scenario may necessitate the closure of a range and the remediation of any munitions contaminants on the range. The cost and time required to remediate the range is uncertain and may be significant, potentially limiting near-term reuse of the range portion of the facility.
Waste Management	No impact
Environmental Compliance	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Hector IAP AGS, ND

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0039V2 (107Jc2)	Realign Hector IAP AGS, ND	-	-
USA-0210	Close and relocate Army NG/Reserve Center to AFRC Fargo, ND (Hector AGS)	48	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hector IAP AGS
<b>Air Quality</b>	The installation is in attainment for all pollutants. No impact.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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>	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>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands Survey may need to be conducted to determine impact.

<b><u>Impacts of Costs</u></b>	
	<b>Hector IAP AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1451 Estimated CTC (\$K): 597 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Mansfield Lahm MAP AGS OH

**Date:** 05/05/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0066V2 (319.1)	Close Mansfield Lahm MAP AGS OH	-	-
USA-0194	Consolidate certain Army Guard and Reserve functions at Mansfield Lahm Air Guard Station	48	150
<b>Total Costs</b>		<b>48</b>	<b>150</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Mansfield
<b>Air Quality</b>	A minor 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>	The scenario may require building on constrained acreage. The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety waivers. The base cannot expand ESQD Arcs by >=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>	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>	Hazardous waste program modification may be needed.

<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>Mansfield</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,531 Estimated CTC (\$K): 322 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K FY07 Air Permit Revision \$50K

## **Summary of Cumulative Environmental Impacts - Criterion 8**

**Installation:** Rickenbacker IAP AGS, OH

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0047V2 (131c3)	Realign Springfield Beckley MPT AGS OH	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Rickenbacker</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>Rickenbacker</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3,187 Estimated CTC (\$K): 1,644 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Springfield-Beckley MPT AGS, OH

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0047V2 (S131c3)	Realign Springfield Beckley MPT AGS OH	-	-
USA-0248	Close/Consolidate Reserve Centers in Ohio	48	250
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>48</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Springfield-Beckley AGS
<b>Air Quality</b>	An initial conformity analysis indicates that a conformity determination is not required. A minor 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>	Springfield reported 0 unconstrained acres available for development, and the scenario requires ~5.6 acres. The scenario may require building on constrained acreage. Sensitive resource areas exist but do not constrain operations. Additional operations may impact these areas and restrict 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>	The hazardous waste program may need to be modified.

<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict <1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Springfield-Beckley AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 543 Estimated CTC (\$K): 1620 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program Modification: \$100K
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$48K FY07 Air conformity analysis: \$50K FY07 minor air permit revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Toledo Express APT AGS, OH

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0112V2 (127c2)	Realign Richmond AGS VA	-	50
USAF-0066V2 (319.1)	Close Mansfield Lahm MAP AGS OH	-	0
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Toledo Express
<b>Air Quality</b>	An initial conformity analysis indicated that a conformity determination is not required.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	10 Sensitive resource areas are present but do not restrict operations. Additional operations may impact these areas and therefore restrict operations.
<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. 1504 acres off-base within the noise contours are zoned by the local community. 10 of these acres are residentially zoned. The community has not purchased easements for the 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 restrict <1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Toledo Express</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2477 Estimated CTC (\$K): 588 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY07 Air conformity analysis estimate: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

Identify all scenarios that affect the installation:

**Installation:** Wright-Patterson AFB, OH

**Date:** 05/05/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
H&SA-0031	Consolidate CPOs (Service Centric solution)	-	-
TECH-0042CR	Consolidate Air and Space C4ISR RDAT&E at Hanscom AFB, MA and Edwards AFB, CA	-	-
TECH-0005R	Establish Ctr for Rotary Wing Air Platform RDAT&E at NAS Pax River, MD & Redstone Arsenal, AL	-	-
TECH-0006R	Establish Ctr for Fixed Wing Air Platform RDAT&E at NAS Pax River, MD&Wright-Patterson AFB, OH	6	3
TECH-0009RV2	Defense Research Service Led Laboratories	34	21
MED-0057	Realign Brooks City Base, TX / relocate Naval Health Research Center to Wright-Patterson AFB, OH	200	125
S&S-0035R	Consolidate / Transfer Service ICPs to DLA	-	-
MED-0025	Establish Center of Excellence for Aerospace Medicine at Wright-Patterson AFB, OH	0	0
<b>Total Costs</b>		<b>240</b>	<b>150</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Wright-Patterson
<b>Air Quality</b>	Wright-Patterson is in a non-attainment area for ozone (8-hr, subpart 1). A preliminary analysis indicates that a conformity determination may not be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	On-military installation cemeteries impose limitations on fee-simple ownership, (e.g. access easements). 50 Archaeological sites are present, and some with high potential for archaeological sites. One constrains training/testing operations by restricting digging in the area. Another site constrains future construction. 22 Historic sites and 4 historic districts are present. Additional operations may impact these areas, which may restrict

	operations.
<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>	Noise contours will need to be re-evaluated as a result of the change in mission. The AICUZ/JLUS reflect the current mission/local land use/current noise levels. 2718 acres off-base within the noise contours are zoned by the local community. 174.4 of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	The Indiana bat is a T&E specie and impacts operations. Tree cutting is prohibited between 15 April & 15 September to avoid incidental take of roosting bats. No training restrictions. Additional operations may further impact this T&E specie.
<b>Waste Management</b>	The hazardous waste program will require modification.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict <1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
<b>Wright-Patterson</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 156972 Estimated CTC (\$K): 34261 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Hazardous Waste Program: \$100K
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis \$50K FY06 NEPA \$240K

## Summary of Cumulative Environmental Impacts - Criterion 8

Youngstown-Warren Regional APT

Installation:ARS, OH

Date: 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122V3 (316.3)	Realign Pope AFB NC	48	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Youngstown ARS
<b>Air Quality</b>	A preliminary conformity analysis indicates that a conformity determination may not be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	There is a hazardous waste contamination site 0.1 miles from the installation that restricts or could restrict 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 restrict 5% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Youngstown ARS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1,475 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA costs: \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Altus AFB, OK

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios.

Scenario ID #	Description	FY06 Environmental (\$K)	FY07 Environmental (\$K)
USAF 0102V2 (904c1)	Realign LSC-Langely/Scott AFB	-	-
<b>Total Costs</b>		-	-

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Altus (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.

<b><u>Impacts of Costs</u></b>	
	<b>Altus (Losing)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 33,973 Estimated CTC (\$K): 4,953 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Tinker AFB, OK

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0063V2 (306Zc2)	Realign Andrews AFB, MD	-	-
USAF-0079V2 (432.1c2)	Realign Portland IAP AGS, OR	238	-
HSA-0031	Consolidate CPOs (Service Centric solution)	-	-
TECH-0006	Establish Ctr for Fixed Wing Air Platform RDAT&E at NAS Pax River, MD&Wright-Patterson AFB, OH	-	-
S&S-0051R	Realign/Consolidate Wholesale Storage/Distribution at 4 Sites (enable Close MCLB Barstow,CA)	19	-
S&S-0035R	Privatize Tires, Compressed Gas, and Packaged POL	-	-
S&S-0043R	Privatize Tires	-	-
Non-BRAC	Programmatic Change	24	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Tinker
<b>Air Quality</b>	The base is located within 100 miles of Wichita Mountains Wildlife Refuge, a critical air quality region. This does not restrict operations. .
<b>Cultural/ Archeological/ Tribal Resources</b>	One or more installation cemeteries impose limitations on fee-simple ownership. The installation has an 81-acre historic district with seven contributing resources. There is also one historic property not in a historic district.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base cannot expand ESQD Arcs by >=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 AICUZ reflects the current mission, local land use, and current noise levels. 3,130 acres off-base within the noise contours are zoned by the local community. 1,524 of these acres are residentially zoned. The community has 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 restrict 0.15% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Tinker</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 188700 Estimated CTC (\$K): 118347 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Tulsa IAP AGS, OK

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0112V2 (127c2)	Realign Richmond AGS VA	-	-
USAF-0036V3 (129c2)	Realign Ft Smith MAP AGS AR	-	-
USAF-0054V3 (132.2c3)	Realign Mt Home AFB ID	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Tulsa
<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>	The base reported 0.93 acres of unconstrained land available for development. The scenario may require building on constrained acreage. 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. 3,164 acres off-base within the noise contours are zoned by the local community. 322 of these acres are residentially zoned. The community has 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>	Wetlands Survey may need to be conducted to determine impact.

<b><u>Impacts of Costs</u></b>	
	<b>Tulsa</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 870 Estimated CTC (\$K): 26 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Vance AFB, OK

**Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	0	0
E&T-0046R	Undergraduate Flight Training (AF version) Nav Tng at NAS Pensacola, Realign Moody AFB	313	197
USA-0229	Close/Consolidate Reserve Centers in Oklahoma	4	3
<b>Total Costs</b>		<b>318</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Vance
<b>Air Quality</b>	Vance is in area that is in attainment for all criteria pollutants. An air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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. The AICUZ reflects the current mission, local land use, current noise levels. 26585 acres off-base within the noise contours are zoned by the local community. 345 of these acres are residentially zoned.
<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>	Modification of the hazardous waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.3% of auxiliary airfield land. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Vance</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 28,601 Estimated CTC (\$K): 16,011 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Will Rogers World APT AGS, OK

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0063V2 (306Zc2)	Realign Andrews AFB MD	-	-
USAF-0063V2 (306Zc2)	Realign Andrews AFB MD	280	-
USA-0229	Close/Consolidate Reserve Centers in Oklahoma	1	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Will Rogers
<b>Air Quality</b>	Will Rogers is in an area that is in attainment for all criteria pollutants. No impact.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety waivers.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	The Part 150 reflects the current mission/local land use/current noise levels. 8000 acres off-base within the noise contours are zoned by the local community. Noise contours do not affect off-base residential zoning. Noise map is not available.

<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>Will Rogers</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): N/A Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Portland IAP AGS, OR

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0079V2 (432.1c2)	Realign Portland IAP OR - Refinement	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Portland
<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>Portland</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 10,414 Estimated CTC (\$K): 8,289 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Pittsburgh IAP ARS, PA

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Pittsburgh ARS
<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

<u>Impacts of Costs</u>	
Pittsburgh ARS	

<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2,095 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

Willow Grove ARS, NAS Willow

**Installation:**Grove Joint Reserve, PA

**Date:** 04/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
DoN-0084A	Close NAS JRB Willow Grove, PA	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Willow Grove
<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>Willow Grove</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2740 Estimated CTC (\$K): 1763 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Luis Munoz Marin IAP AGS, PR

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0069V2 (312Jc2)	Realign Luis Munoz Marin IAP AGS PR	-	-
Non-BRAC	Programmatic Action	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Luis Munoz Marin
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains historic property which may require consultation with the state historic preservation office prior to the transfer of property.
<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>	Noise will be eliminated
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	The installation is regulated by the USFWS regarding T&E species which may require consultation with the USFWS prior to the transfer of property.
<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>Luis Munoz Marin</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2831 Estimated CTC (\$K): 540 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Quonset State APT AGS, RI

**Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0129 (326)	Realign Martin State APT AGS, MD	-	40
USAF-0122R (316.3)	Realign Pope AFB, NC	-	10
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Quonset
<b>Air Quality</b>	An initial conformity analysis shows that a conformity determination is not 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>	Less than a 3dB general increase in contours can be expected. The installation does not have an AICUZ or Part 150, and the Installation Environmental Noise Management Plan (IENMP) does not reflect current mission and noise contours. The IENMP may need to be updated to reflect the change in mission.
<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 do not exist. No impact.
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<b><u>Impacts of Costs</u></b>	
	<b>Quonset State</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 20 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Charleston AFB, SC

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
HSA-0010R	Consolidate Installation Management	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Charleston
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>
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	<b>Charleston</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 25252 Estimated CTC (\$K): 8306 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	None

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** McEntire AGS, SC

**Date:** 04/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0054V3 (132.2c3)	Realign Mt Home AFB ID	281	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	McEntire
<b>Air Quality</b>	Base is in area that is in attainment for all pollutants.
<b>Cultural/ Archeological/ Tribal Resources</b>	Archaeological resources exist on the installation but do not impact operations. Additional operations may impact these resources.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	A sensitive resource area exists and impacts operations by requiring aircraft fly above 2000 ft over the area. Additional operations may further impact this area.
<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 AICUZ/JLUS reflects the current mission/local land use/current noise levels. 5434 acres off-base within the noise contours are zoned by the local community. 2423 of these acres are residentially zoned. The community has purchased easements on undeveloped land 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>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands Survey may need to be conducted to determine impact. Wetlands restrict 7.4% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>McEntire</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2298 Estimated CTC (\$K): 989 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Shaw AFB, SC

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0056V2 (137.3)	Realign Eielson AFB AK	-	-
USAF-0113V3 (126.3c1)	Realign Hill AFB UT	2	3
USAF-0033V3 (101Jc2)	Realign Bradley IAP AGS CT	-	-
USAF-0054V3 (132.2c3)	Realign Mt Home AFB ID	11	15
USA-0121	Close Ft Gillem, GA (with Leaseback)	9	12
USA-0222	Close Ft McPherson, GA relocate FORSCOM HQs to Pope AFB, GA / 3rd Army to Shaw AFB, SC	122	170
non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>144</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Shaw AFB (Gaining)
<b>Air Quality</b>	The Francis Marion & Sumter National Forest, a critical air quality region, is within 100 miles of the installation but does not constrain operations. A significant air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	Archaeological resources are present and the installation has a high potential for having archaeological sites, but these do not constrain operations. The installation has a historic property, but it does not constrain operations. Additional operations could affect this site, which may impact operations.
<b>Dredging</b>	No Impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The scenario may require construction on property whose planned land use is other than administrative.
<b>Marine Mammals/ Marine Resources/ Marine</b>	No impact

<b>Sanctuaries</b>	
<b>Noise</b>	No increase in off-base noise is expected.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	Modification of hazardous waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 2% of the base and 10% of the range. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Shaw AFB (Gaining)</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 \$100K
<b>Environmental Compliance</b>	FY06 NEPA \$144K FY07 Significant Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Ellsworth AFB, SD

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0018V3 (200.3)	Close Ellsworth AFB, SD	1150	-
<b>Total Costs</b>		<b>1150</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Ellsworth (Closing)
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains 7 historic properties which may require consultation with the state historic preservation office prior to the transfer of property.
<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>	Aircraft noise will be eliminated
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	The installation is regulated by the USFWS regarding T&E species which may require consultation with the USFWS prior to the transfer of property.
<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>Ellsworth (Closing)</b>
<b>Environmental Restoration</b>	<p>DERA money spent through FY03 (\$K): 67364                      Estimated CTC (\$K): 26983                      DO NOT ENTER IN COBRA                      Decision makers should be aware that the closure decision contemplated in this scenario would necessitate the closure of 2 ranges and the remediation of any munitions contaminants on the ranges. The cost and time required to remediate the ranges is uncertain and may be significant, potentially limiting near-term reuse of the range portion of the facility.</p>
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA cost: \$1.15M

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Joe Foss Field APT AGS, SD

**Date:** 4/25/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0114V3 (125.1c2)	Close Cannon AFB, NM	280	-
USAF-0111V2 (128c1)	Realign Capital MAP AGS, IL	-	-
USAF-0039V2 (107c2)	Realign Hector IAP AGS, ND	-	-
Non-BRAC	Programmatic Change	1	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Joe Foss
<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>	Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission, local land use, and current noise levels. 164.6 acres off-base within the noise contours are zoned by the local community. Noise contours do not affect off-base residential zoning in the local community. 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>	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>Joe Foss</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3,451 Estimated CTC (\$K): 22 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** McGhee Tyson APT AGS, TN

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0039V2 (107c2)	Realign Hector IAP AGS, ND	-	-
USAF-0083V2 (421c2)	Realign March ARB, CA	23	4
USAF-0081V2 (428.2)	Realign Beale AFB, CA	89	16
USAF-0080V3 (436c4)	Realign Birmingham APT AGS, AL	98	17
USAF-0077V3 (437c4)	Realign Key Field AGS, MS	71	13
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>281</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	McGhee Tyson
<b>Air Quality</b>	The base is in a nonattainment area for ozone. An initial conformity analysis indicated that a conformity determination is 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</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3,026 Estimated CTC (\$K): 3,601 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No Impact
<b>Environmental Compliance</b>	FY06 NEPA Cost: \$281K FY07 Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Memphis IAP AGS, TN

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0060V2 (303Jc2)	Realign Nashville IAP AGS TN	48	50
<b>Total Costs</b>		<b>48</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Memphis
<b>Air Quality</b>	Base is in a nonattainment area for ozone (8 hr, moderate). An initial conformity analysis shows that a conformity determination is not required.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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 $\geq 100$ 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>	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. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.
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<b><u>Impacts of Costs</u></b>	
	<b>Memphis</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3477 Estimated CTC (\$K): 5114 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K FY07 Air Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Nashville IAP AGS, TN

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0060V2 (303Jc2)	Realign Nashville IAP AGS TN	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Brooks City-Base, TX

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
MED-0057R	Close Brooks-City Base, TX	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Brooks City-Base
<b>Air Quality</b>	No Impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains historic property which may require consultation with the state historic preservation office prior to the transfer of property.
<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>Brooks</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 41,863 Estimated CTC (\$K): 4,190 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No Impact
<b>Environmental Compliance</b>	No Impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Carswell ARS, NAS Ft Worth JRB, TX

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0111V2 (126.3c1)	Realign Hill AFB, UT	194	173
USAF-0060V2 (303Jc2)	Realign Nashville IAP AGS, TN	-	-
USAF-0063V2 (306Zc2)	Realign Andrews AFB, MD	87	77
<b>Total Costs</b>		<b>281</b>	<b>250</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Carswell
<b>Air Quality</b>	A preliminary assessment shows that a conformity determination is not required. An air permit revision may be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	The base has two historic properties that are not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The scenario may require building on constrained acreage. Operations are restricted by no supersonic flight and no live fire in three military operating areas.
<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 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.
<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>	Hazardous waste program modification is needed.

<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.0008% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

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

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Dyess AFB, TX

**Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0018V3 (200.3)	Close Ellsworth AFB, SD	765	197
USA-0225	Close/Consolidate Reserve Centers in Texas	11	3
<b>Total Costs</b>		<b>776</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Dyess
<b>Air Quality</b>	Base is in attainment for all pollutants. A significant permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	There are 7 archaeological sites on-base; however, operations are not restricted by these and no other cultural resources exist.
<b>Dredging</b>	No impact.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Flight operations/plans have been diverted, delayed, or re-routed because of noise. Additional operations may further impact this constraining factor and therefore further restrict operations.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact.
<b>Noise</b>	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, & current noise levels. 36,002 acres off-base within the noise contours are zoned by the local community. 752 of these acres are residentially zoned. The community has purchased easements on both developed and undeveloped land.
<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>	The hazardous waste program may require modification.

<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.5% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Dyess</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 14004 Estimated CTC (\$K): 5738 DO NOT ENTER IN COBRA
<b>Waste Management</b>	Hazardous Waste Program Mod: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$776K FY07 Significant Air Permit Revision: \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Ellington Field AGS, TX

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0050V3 (118Jc2)	Realign Ellington Field AGS TX	0	0
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Ellington Field
<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>Ellington Field</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1767 Estimated CTC (\$K): 159 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Lackland AFB, TX

**Date:** 4/26/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0111V2 (128c2)	Realign Capital MAP AGS, IL	-	-
USAF-0038V2 (138c2)	Realign Hancock Field AGS, NY	-	-
USAF-0121V3 (318.3)	Realign Niagara Falls ARS, NY	48	-
MED-0016R	San Antonio Region Medical Center	-	-
E&T-0016	Establish Joint Center for Culinary Training at Ft Lee, VA	-	-
IND-0086	Disestablish Lackland AFB Depot by relocating functions to Tobyhanna Army Depot, PA	-	-
E&T-0053	Consolidate Transportation Management Training at Ft Lee, VA	-	-
TECH-0042	Consolidate Air and Space C4ISR RDAT&E at Hanscom AFB, MA and Edwards AFB, CA	-	-
HAS-0135	Establish 5 Joint Regional Correctional Facilities	-	-
HSA-0010R	Consolidate Installation Management	-	-
S&S-0035R	Consolidate / Transfer Service ICPs to DLA	-	-
MED-0057R	Close Brooks City Base, TX	-	-
HSA-0122R	Realign Air Force Real Property Agency	-	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Lackland
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	No construction is allowed on prehistoric sites. Sites or areas with high potential for archeological sites were identified. The base has two historic districts totaling 204.1 acres with 149 contributing resources. There are 210 historic properties not in districts.

<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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 $\geq 100$ 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 AICUZ reflects the current mission, local land use, and current noise levels. 17,029 acres off-base within the noise contours are zoned by the local community. 3,299 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 restrict 0.004% of the base and 0.008% of the range. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Lackland</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 50,297 Estimated CTC (\$K): 200,559 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Laughlin AFB, TX

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	0	0
E&T-0046R	Consolidate DoD Rotary at Ft Rucker, AL, and Fixed at Various Locations	318	200
<b>Total Costs</b>		<b>318</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Laughlin
<b>Air Quality</b>	Laughlin is in area that is in attainment for all criteria pollutants. A significant air permit revision may be required.
<b>Cultural/ Archeological/ Tribal Resources</b>	Laughlin contains archeological sites and areas with a high potential for archeological sites that constrain operations and that have the potential to impact future development
<b>Dredging</b>	No impact.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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>	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, current noise levels. 7403 acres off-base within the noise contours are zoned by the local community. 49 of these acres are residentially zoned.

<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>	Modification of the hazardous waste program may be necessary.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 4% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations

<b><u>Impacts of Costs</u></b>	
	<b>Laughlin</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 12576 Estimated CTC (\$K): 9912 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Significant Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Randolph AFB, TX

**Date:** 4/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF 0063V2 (306Zc2)	Realign Andrews AFB, MD	-	-
USAF 0122V3 (316.3)	Realign Pope AFB, NC	1	0
E&T-0046R	Consolidate DoD Rotary at Ft Rucker, AL, and Fixed at Various Locations	180	113
HSA-0145R	Consolidate Service Personnel Centers	55	35
HSA-0010R	Consolidate Installation Management	-	-
HSA-0031	Consolidate CPO's	70	44
MED0057R	Close Brooks City-Base, TX	13	8
<b>Total Costs</b>		<b>318</b>	<b>200</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Randolph
<b>Air Quality</b>	An air permit revision may be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	An historic district is located on the installation. Additional operations may impact this district, which may impact operations.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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 $\geq 100$ 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 AICUZ reflects the current mission, local land use, and

	current noise levels. 6,994 acres off-base within the noise contours are zoned by the local community. 1,965 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>	A Biological Opinion exists for the aquifer that lies below the installation; however, no T&E species or critical habitat has been identified, and the biological opinion does not restrict operations. Additional operations may impact this resource. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it.
<b>Waste Management</b>	A modification of the hazardous waste program may be needed.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Randolph</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 6367 Estimated CTC (\$K): 5547 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Waste Management \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Air Permit Revision \$100K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Sheppard AFB, TX

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122V3 (316.3)	Realign Pope AFB NC	1	-
E&T-0046R	Undergraduate Flight Training (AF version) Nav Tng at NAS Pensacola, Realign Moody AFB	280	-
MED-0016	Realign Lackland AFB relocate medical functions to FT Sam Houston, TX	-	-
<b>Total Costs</b>		<b>281</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Sheppard
<b>Air Quality</b>	Sheppard is in area that is in attainment for all criteria pollutants.
<b>Cultural/ Archeological/ Tribal Resources</b>	Sheppard contains historic property that may be impacted by future development.
<b>Dredging</b>	No impact.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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. The AICUZ reflects the current mission, local land use, and current noise levels. 10,390 acres off-base within the noise contours are zoned by the local community. 10 of these acres are residentially zoned.

<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict less than 1% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Sheppard</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 12779 Estimated CTC (\$K): 9042 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: \$281K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Hill AFB, UT

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0114V3 (125.1c2)	Close Cannon AFB, NM	-	45
USAF-0113V3 (126.3c1)	Realign Hill AFB, UT	48	255
HSA-0031	Consolidate CPOs (Service Centric solution)	-	-
TECH-0018A	Establish Weapons/Arm RDAT&E Ctr at Eglin AFB, FL by realign Hill AFB, UT & FT Belvoir, VA	-	-
TECH-0006	Establish Ctr for Fixed Wing Air Platform RDAT&E at NAS Pax River, MD&Wright-Patterson AFB, OH	-	-
S&S-0043R	Privatize Tires, Compressed Gas, and Packaged POL	-	-
S&S-0035R	Consolidate / Transfer Service ICPs to DLA	-	-
S&S-0051R	Realign/Consolidate Wholesale Storage/Distribution at 4 Sites (enable Close MCLB Barstow,CA)	-	-
<b>Total Costs</b>		<b>48</b>	<b>300</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Hill
<b>Air Quality</b>	Hill is in a maintenance area for ozone. A preliminary analysis indicates that a conformity determination may not be necessary. 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 impact
<b>Waste Management</b>	Modification of the hazardous was program may be needed.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>Hill</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 182,010 Estimated CTC (\$K): 275,408 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Modify Waste Program \$100K
<b>Environmental Compliance</b>	FY06 NEPA \$48K FY07 Conformity Analysis \$50K FY07 Significant Air Permit Revision \$150K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Burlington IAP AGS, VT

**Date:** 4/22/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0044V2 (142c3)	Close OTIS ANGB, MA	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Burlington
<b>Air Quality</b>	Base is in an ozone transport region (OTR) but scenario has 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>	A 3 dB general increase in the off-base noise contributed by the Air Force is expected. The FAA Part 150 reflects the current mission, local land use, and current noise levels. 1108 acres off-base within the noise contours are zoned by the local community. 173 of these acres are residentially zoned.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	No impact

<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u><b>Impacts of Costs</b></u>	
	<b>Burlington</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2497 Estimated CTC (\$K): 1420 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Langley AFB, VA **Date:** 4/22/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0089V3 (704.4)	Close Kulis AGS, AK	305	1061
USAF-0056V2 (137.3)	Realign Eielson AFB, AK	0	1
USAF-0105V2 (907c1)	CIRF - F-15 Avionics	-	-
USAF-0106V2 (908.2c1)	CIRF-F100	-	-
USAF-0113V3 (126.3)	Realign Hill AFB, UT	0	0
USAF-0102V2 (904c1)	Realign LSC-Langley AFB, VA / Scott AFB, IL	9	32
USAF-0121V3 (318.3c1)	Close Niagara Falls ARS, NY	3	11
USAF-0115 (141.2c1)	Realign Elmendorf AFB, AK		
HSA0010R	Consolidate Installation Management	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>318</b>	<b>1105</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Langley
<b>Air Quality</b>	A preliminary assessment shows that a conformity determination is required for this scenario. A more in-depth review is required. The inability to achieve a positive conformity determination may be a constraint to this scenario. Air emission offsets may be required. A significant air permit revision may be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	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.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Less than a 3dB general increase in contours can be expected. Noise abatement procedures are already in place for the main installation and range. The AICUZ reflects the current mission/local land use/current noise levels. 17,287 acres off-base within the noise contours are zoned by the local community. 2,774 of these acres are residentially zoned. The community has not purchased easements for the 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>	Modification of hazardous waste program may be required.
<b>Water Resources</b>	The state requires a permit for withdrawal of groundwater.
<b>Wetlands</b>	Wetlands restrict 7% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Langley</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 52,000 Estimated CTC (\$K): 27,000 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program Modification: \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: \$318K FY07 Air Conformity Analysis: \$50K FY07 Conformity Determination: \$100K FY07 Air Emissions Credits: \$655K FY07 Significant Air Permit Revision: \$200K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Richmond IAP AGS, VA

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0112V2 (127c2)	Realign Richmond AGS VA	-	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Richmond
<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>Richmond</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1343 Estimated CTC (\$K): 1429 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	None

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Fairchild AFB, WA

**Date:** 4/24/2005

**General Description:** This cumulative assessment is based on the following scenarios.

Scenario ID #	Description	FY06 Environmental (\$K)	FY07 Environmental (\$K)
USAF-0084V2 (435c4)	Realign Fairchild AFB, WA	-	-
USA-0232	Close/Consolidate Reserve Centers in Washington	48	-
Non-BRAC	Programmatic Change	-	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Fairchild
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	On-installation cemeteries impose limitations on fee-simple ownership, e.g. access easements. Archaeological sites are present but do not constrain operations. One historic property is located on the installation. Additional operations may impact these sites, which may constrain operations.
<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>	T&E species and/or critical habitats exist and impact operations. Additional operations may further impact T&E species and/or critical habitats.

<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 4% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>Fairchild</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 36,078 Estimated CTC (\$K): 52,155 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**McChord AFB, WA

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0079V2 (432.1c3)	Realign Portland IAP AGS, OR	48	50
MED 0022	Convert inpatient care facilities to clinics	-	-
HSA 0010R	Realign McChord AFB, WA by relocating all Medical function to Ft Lewis, WA	-	-
HSA 0133	Establish 3 Joint Mob Site at McGuire AFB, NJ, Ft Lewis, WA, Ft Bliss, TX, Ft Bragg, NC	-	-
<b>Total Costs</b>		<b>48</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	McChord AFB
<b>Air Quality</b>	A preliminary assessment indicates that a conformity determination may not be necessary. The installation is located within 100 miles of Mt. Rainier National Park Class 1 Wilderness Area, a critical air quality region. This does not restrict military installation operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation has one 408-acre historic district with 39 contributing resources. There are three historic properties not in districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	No increase in off-base noise is anticipated.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.

<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restricted 0.17% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>McChord AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 19,282 Estimated CTC (\$K): 13,756 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA Documentation \$48K FY07 Air Conformity Analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** EWVRA Shepherd AGS, WV

**Date:** 4/24/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB, NC	48	-
<b>Total Costs</b>		<b>48</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	EWVRA Shepherd
<b>Air Quality</b>	The installation is located within 100 miles of Shenandoah National Park, a critical air quality region. Military installation operations are restricted in that no flights are allowed less than 2,000 ft above ground level.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	5 Sensitive resource areas exist but do not restrict operations. Additional operations may impact these areas and restrict operations. 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>	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 do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.
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<u><b>Impacts of Costs</b></u>	
	<b>EWVRA Shepherd</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2,167 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA cost: \$48K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Yeager Airport AGS, WV

**Date:** 04/25/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0122R (316.3)	Realign Pope AFB NC	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Yeager APT AGS
<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>Yeager APT AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 646 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:**Dane County Regional - Truax AGS, WI

**Date:** 4/25/2005

**General Description:**This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0114V3 (125.1c2)	Close Cannon AFB, NM	-	50
USAF-0111V2 (128c2)	Realign Capital MAP AGS, IL	-	-
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Dane County Regional - Truax Field AGS WI
<b>Air Quality</b>	An initial conformity analysis shows that a conformity determination is not required.
<b>Cultural/ Archeological/ Tribal Resources</b>	Sites or areas with a high potential for archeological sites were identified.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base cannot expand ESQD Arcs by >=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. 1,913 acres off-base within the noise contours are zoned by the local community. 546 of these acres are residentially zoned. The community has 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>	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>Dane County Regional - Truax Field AGS</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 767 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY07 Air Conformity Analysis \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** General Mitchell IAP AGS, WI

**Date:** 4/24/2005

**General**

**Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0077V3 (437c4)	Realign Key Field AGS, MS	-	50
<b>Total Costs</b>		<b>0</b>	<b>50</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	General Mitchell IAP AGS
<b>Air Quality</b>	An initial air conformity analysis indicated that a conformity determination is not needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	A sensitive resource area is present but does not constrain operations. Additional operations may impact this area and constrain operations.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	A less than 3 dB increase in the portion of the aircraft noise contributed by the AF is expected. The FAA Part 150 reflects the current mission/local land use/current noise levels. The local community zones acreage within the noise contours, some of which is zoned residential (accurate acreage was not available). The community has purchased easements for the 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 are not present at this base.

<b><u>Impacts of Costs</u></b>	
<b>General Mitchell IAP AGS</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 993 Estimated CTC (\$K): 133 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY07 Conformity analysis: \$50K

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** General Mitchell IAP ARS, WI

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0130 (324)	Close General Mitchell IAP ARS, WI	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	General Mitchell IAP ARS
<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>General Mitchell IAP ARS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2062 Estimated CTC (\$K): 30 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** Cheyenne APT AGS, WY

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0128 (325.1)	Realign Boise Air Terminal AGS, ID	-	-
<b>Total Costs</b>		<b>0</b>	<b>0</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	Cheyenne AGS
<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>	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>	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>	Wetlands Survey may need to be conducted to determine impact. Wetlands do not currently restrict operations.

<b><u>Impacts of Costs</u></b>
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	<b>Cheyenne AGS</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 2615 Estimated CTC (\$K): 1142 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

## Summary of Cumulative Environmental Impacts - Criterion 8

**Installation:** FE Warren AFB, WY

**Date:** 4/26/2005

**General Description:** This cumulative assessment is based on the following scenarios:

Scenario ID #	Description	Environmental Costs (\$K)	
		FY06	FY07
USAF-0018V3 (200.3)	Close Ellsworth AFB SD	3	1
USA-00193R	Close/Consolidate Reserve Centers in Wyoming	315	149
<b>Total Costs</b>		<b>318</b>	<b>150</b>

**Note:** The above reflect revised costs based on the integration of multiple scenarios at one base. These costs should be used for each recommendation above, under COBRA Screen Five, "Env Non-Milcon Required"

<u>General Environmental Impacts</u>	
Environmental Resource Area	F.E. Warren AFB
<b>Air Quality</b>	Base is in attainment for all pollutants. Savage Run Wilderness Area, a critical air quality region, is within 100 miles of the installation, but it does not constrain operations. A minor air permit revision may be needed.
<b>Cultural/ Archeological/ Tribal Resources</b>	On-military installation cemeteries impose limitations on fee-simple ownership. Archeological sites must be avoided or excavated, as these sites constrain future construction and restrict training, testing, or operations. Sites or areas with high potential for archeological sites were identified. The base is currently in formal contact with Native American Tribes that are interested in burial sites. The base has two historic districts totaling 750 acres with 208 contributing resources. There are 257 historic resources that are not in historic districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	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>	Noise contours may change as a result of the change in mission.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist and impact operations. Additional operations may further impact T&E species and/or critical habitats.
<b>Waste Management</b>	The hazardous waste program may need to be modified.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.01% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>F.E. Warren AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 104194 Estimated CTC (\$K): 91892 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program Modification: \$100K
<b>Environmental Compliance</b>	FY06 NEPA Documentation: \$318K FY07 minor air permit revision: \$50K