

LA5 SUMMARY OF PROPOSED MANAGEMENT ACTIONS AT LANGLEY AFB

Management actions can be taken by the Air Force to reduce the potential for consequences to environmental resources. These actions are applied to specific topics for consideration to avoid, where possible, impacts to resources. Such avoidance is not absolute; rather, it is balanced with operational considerations. Management actions are designed to enhance environmental quality while not significantly reducing the effectiveness of the F-22 beddown. Certain management actions, such as regional transportation and education facility planning and development, are outside the authority of the Air Force to implement.

Table LA5.0-1. Proposed Management Actions at Langley AFB (Page 1 of 2)		
<i>Project Element</i>	<i>Topic for Consideration</i>	<i>Management Action</i>
Aircraft Drawdown / Beddown	Increase or change to hazardous materials and waste, including application / removal of low-observable coatings	Use existing HAZMART procedures for handling hazardous materials. Update the base Hazardous Waste Management Plan (HAZMAT) to reflect changes in hazardous waste. Add hazardous waste accumulation sites as necessary to avoid exceeding 90-day storage requirement criteria. Implement hazardous waste control procedures to minimize all potential risks generated by any F-22 maintenance activities that present any unique hazards. Current monitoring activities would continue to ensure air and water quality.
	AICUZ Update	After the F-22 Wing is operational, a detailed data collection would be conducted in order to determine the need to update land use recommendations.
Aircraft Sorties	Interaction with local municipal and private airports, and ability for air traffic control to handle increased sorties.	Continue close coordination of Langley AFB air traffic with the FAA to prevent conflicts with other air traffic. Employ existing arrival and departure routes that have proven effective for air traffic control and deconfliction. Adhere to FAA rules for avoiding airports.
	BASH potential	Base BASH program would apply to F-22.
Construction	Temporary effects of construction noise on off-base communities	Implement construction in phased manner to reduce total noise generation. Perform construction during normal work days/working hours.
	Temporary generation of dust and particulate matter	Employ standard best management practices (e.g., watering of graded areas, covering soil stockpiles, contour grading).
	Increase in soil erosion and sediment transport into bodies of water	Employ standard best management practices (e.g., erosion control measures, sediment retention measures).
	Impacts to ERP Sites	Site construction projects, to the extent practicable, away from ERP. Use engineering controls at ERP Sites ST-27 and ST-26 to lessen the potential migration of hydrocarbon fumes into buildings and to protect construction workers.

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<i>Project Element</i>	<i>Topic for Consideration</i>	<i>Management Action</i>
Construction (continued)	Demolition/modification of historic buildings and effects of new construction on historic district.	Document and record significant buildings in compliance with Section 106 of the NHPA and a Memorandum of Agreement among the Air Force, SHPO, and ACHP. Design construction and renovation to be visually consistent with existing facilities.
	Effects of construction on archaeological resources.	Treat unsurveyed areas affected by construction in compliance with Section 106 of the <i>National Historic Preservation Act</i> .