

Anchorage Aircraft Hangar Replacement - Phase II**FY2010 Request: \$2,500,000****Reference No: 40007****AP/AL:** Appropriation**Project Type:** Construction**Category:** Public Protection**Location:** Anchorage Areawide**Contact:** Dan Spencer, Director, Administrative Services**House District:** Anchorage Areawide (HD 17-32)**Contact Phone:** (907)465-5488**Estimated Project Dates:** 07/01/2008 - 06/30/2011**Brief Summary and Statement of Need:**

Construct new aircraft hangar at Lake Hood in Anchorage to safeguard the department's aircraft assets and ensure safe, dependable, and mission capable aircraft are available in the most cost effective manner to support the department's mission.

Funding:	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
AHFC Rcpts	\$2,430,300						\$2,430,300
Gen Fund	\$69,700						\$69,700
Total:	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

Ch 29, SLA 2008, P 73/L 33 & P 74/L 3 \$3,000.0 GF

Project Description/Justification:

This capital request of \$2.5 million will fully fund the replacement of the current hangar located at Lake Hood in Anchorage. Although \$3 million was appropriated in FY2009 for this project, the Department of Transportation and Public Facilities has advised that the estimated total cost to construct this hangar is \$5.5 million.

The current building was built in 1948 and no longer meets modern building codes. As the department and its aircraft fleet have grown, the hangar has not kept up and office space was added outside to help cover this space shortage. This additional space consists of two ATCO units with no running water or restrooms. One unit is the remnants of an old latrine that has been capped off. Even with these units, a general lack of space creates real challenges for office personnel to conduct regular duties. The asphalt parking lot for vehicles and planes has large cracks, holes, and vegetation is growing through.

The parts facility at Lake Hood was, until this fall, an old World War II Quonset hut. In November 2007, OSHA condemned the building. It is failing in all aspects including the roof, holes in the floor, and a structural framework failure that causes the floor to sag and shake. The department has replaced this structure temporarily with four connex shipping containers. Within the past several years, OSHA has failed numerous areas of the main hangar as well during inspections, including the shared break/lunch area located next to the painting booth.

A larger facility would allow the department to maintain a level of operational efficiency sufficient to its needs. While the old facility was adequate in the past for the operation demand of the time, the increased aircraft numbers and the subsequent variations of aircraft maintenance techniques and procedures have produced an extremely reduced floor space in which to conduct work.

This \$2.5 million request assumes the department will move its primary hangar operations to Kulis; however, even with the move, the Lake Hood hangar will still be needed for float operations.

The request would allow construction of up to a 16,000 square foot aircraft hangar and maintenance facility. The facility will combine shop and inventory storage required for aircraft repair and reconstruction, ground support equipment, paint booth, parts fabrication, and office space. The building will use land already owned by the state.

The new hangar will provide for maintenance of float aircraft, and will replace the existing mobile trailers and Quonset huts presently used for offices and inventory stores.

Project Need

The aircraft section supports the Department of Public Safety (DPS), the Department of Corrections, and the Office of the Governor. The DPS divisions of Alaska State Troopers and Alaska Wildlife Troopers are the principal users of the aircraft, using them in their day-to-day operations for patrol, investigations, and search and rescue operations. The section's aircraft mechanics maintain the department's 41 aircraft by performing scheduled maintenance and inspections as well as emergency repairs. They also perform complete aircraft engine and airframe overhauls and rebuilds necessary to keep vintage aircraft in operation.

Distances in Alaska are vast and often the only means of accomplishing DPS' mission is through the use of aircraft. The aircraft section provides the department with aircraft that are safe, dependable, and mission capable. Skilled and timely aircraft maintenance is critical to ensure airworthy aircraft.

The section provides training and standardization for all department pilots. Proficiency check rides are provided to all department pilots as required by federal regulations and DPS policy.