

Civil Air Patrol Hangar Maintenance and Improvements**FY2007 Request: \$123,289****Reference No: 41577****AP/AL:** Appropriation**Project Type:** Renovation and Remodeling**Category:** Public Protection**Location:** Statewide**Contact:** Dan Spencer**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5488**Estimated Project Dates:** 07/01/2006 - 06/30/2008**Brief Summary and Statement of Need:**

The Alaska Wing Civil Air Patrol (CAP), is a 501(C) (3) nonprofit auxiliary of the U.S. Air Force. The CAP is seeking capital funds for maintenance and improvement of the hangars at the Juneau International Airport, at the Fairbanks International Airport, and the Lake Hood Maintenance Facility. These hangars were purchased by the State of Alaska for use by the Alaska Wing of the Civil Air Patrol many years ago and are now in need of maintenance. The CAP's volunteers will provide much of the labor for these projects.

Funding:	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	Total
Gen Fund	\$123,289						\$123,289
Total:	\$123,289	\$0	\$0	\$0	\$0	\$0	\$123,289

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input 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:

Sec 1, Ch 135, SLA 2000, P 18, L 17, \$30.0, Civil Air Patrol Kodiak Airport Patrol Hangar

Sec 100, Ch 2, FSSLA 1999, P 51, L 16, \$30.0, Alaska Civil Air Patrol Lake Hood Hangar Roof Repair

Sec 100, Ch 2, FSSLA 1999, P 51, L 21, \$8.0, Birchwood Squadron, Alaska Civil Air Patrol

Project Description/Justification:

The Alaska Wing Civil Air Patrol (CAP), is a 501(C) (3) nonprofit auxiliary of the U.S. Air Force. The CAP is seeking capital funds for maintenance and improvement of the hangars at the Juneau International Airport, at the Fairbanks International Airport, and the Lake Hood Maintenance Facility. These hangars were purchased by the State of Alaska for use by the Alaska Wing of the Civil Air Patrol many years ago and are in need of maintenance.

Juneau Composite Squadron, Civil Air Patrol (CAP)**Background:**

The Civil Air Patrol hangar in Juneau serves as the primary operational base for the southeast. It works in conjunction with the Alaska State Troopers, U.S. Coast Guard, and the U.S. Department of Homeland Security. The heated facility ensures that aircraft are ready for call-out in all weather conditions. The hangar also serves as a facility for CAP pilot

training, CAP Cadet Program operations, squadron meetings, and administration of the squadron. The facility also houses the Medallion Foundation and their equipment and allows other aviation related community functions.

CAP Budget Request:

This capital improvement request is being submitted to ensure that the hangar will continue to be operational for both Civil Air Patrol and the Medallion Foundation. There are a lot of deferred maintenance needs for this building. The roof is leaking badly in several locations and will not be functional if ignored. This is a state building and CAP has spent several thousands of dollars in the last few years to keep it operational. There are also several items that need to be brought up to code and a need for an antenna for communication.

Specific Needs:

- (1) Repair the roof and exterior of the hangar.
- (2) Code issues include installing a fire door, raising a large furnace off the floor, connecting the floor drain, and removing an abandoned tank.
- (3) There are several lighting and walking issues that need to be addressed.
- (4) Interior plumbing needs better protection from freezing, and a completion of a rest room
- (5) Repair work is needed on the interior flooring, hangar door and ceiling insulation, and the main entry door needs to be replaced.
- (6) Installation of a radio antenna for HF communication.

Projected Cost of Projects: **\$84, 750**

Roof and exterior repairs:	\$53,000
Installing fire door including concrete pad and light:	\$5,450
Raising furnace to code height:	\$3,000
Plumbing work of drain hook up, relocating pipes, and rest room completion:	\$6,500
Fuel tank removal:	\$2,500
Lighting and concrete pads:	*\$1,300
Hangar ceiling and door insulation repairs:	*\$2,500
Replace flooring in Operations and classrooms:	*\$3,000
Replace main entry door:	\$2,500
Install radio tower:	*\$5,000

** This squadron does not have the skilled volunteers for most of this construction but can provide assistance in the noted projects saving about \$4,500.*

Fairbanks Composite Squadron, Civil Air Patrol (CAP)

Background:

The Civil Air Patrol hangar at Fairbanks serves as the primary operational base for:

- (1) Two or more CAP aircraft
- (2) One or more Alaska State Trooper aircraft
- (3) One Alaska State Trooper helicopter

The heated facility ensures that aircraft from both groups are ready for mission call-out, even in the extreme temperatures of Fairbanks winters. The hangar also serves as a facility for CAP pilot training, CAP Cadet Program operations, squadron meetings, administration of the squadron, other aviation related community functions, as well as a training center for the Coast Guard Auxiliary boat safety program.

CAP Budget Request:

This capital improvement request is being submitted to ensure that the hangar will continue to be operational for both Civil Air Patrol and Alaska State Troopers, that the hangar's heating system will continue to function and be fuel efficient, and that the electric hangar doors can be opened during the frequent power outages that are experienced in Interior Alaska.

Specific Needs:

- (1) Replace 25-plus year old, severely corroded, single-walled, underground heating fuel tank before it starts leaking and compromises heating of the building.
- (2) Purchase emergency generator capable of operating hangar doors, operating boilers, and other minimum electrical requirements of the building.
- (3) Replace 25-plus year old windows. Heating fuel costs for both CAP and AST will be reduced significantly with newer, more efficient, windows.

Projected Cost of Materials: \$20,374

Windows (15):	\$8,083
Window trim/framing:	\$720
Repair rot damage:	\$250
Generator (1):	\$5,831
Fuel tank (1):	\$4,200
Tank piping and safety:	\$660
Electric hook-up:	\$630

Projected Cost of Labor:

None. Labor costs estimated at \$30,000 will be contributed/donated by CAP members and other community donors. The CAP volunteer members include a plumbing contractor, an electrical contractor, a general contractor, a building engineer, carpenters, and laborers.

Anchorage Maintenance Hangar, Civil Air Patrol (CAP)

Background:

The Civil Air Patrol has about 33 planes of seven types. They are used from Kotzebue to Sitka. The Civil Air Patrol maintenance hangar at Lake Hood in Anchorage serves as the primary operational base for:

- (1) Repair of all the Alaska Civil Air Patrol aircraft,
- (2) Location of the maintenance records,
- (3) Storage of floats and skis during off-season, and
- (4) Parts distribution and storage of the aircraft.

The building was built in using state funds many years ago and is an integral part of search and rescue in the State of Alaska. Having this facility enables the CAP to provide better control and maintenance to its planes and reduces the cost by about half compared to sending them out to other locations.

CAP Budget Request:

This capital improvement request is being submitted to ensure that the hangar will continue to be operational for the Civil Air Patrol, better protect maintenance records, and provide improved storage.

Specific Needs:

- (1) Replace worn flooring in the offices and stained ceiling tiles and insulation tears in the roof.
- (2) Purchase five windows and replace two doors.
- (3) Purchase a 40-foot conex and built-in shelving.
- (4) Renovate the office to modernize the maintenance files including a fireproof file cabinet.
- (5) Renovate the upper level parts area.

Projected Cost of Materials: \$18,165

Flooring:	\$4,350
Ceiling material repairs:	\$675
Windows (4), trim, framing:	\$2,400
Doors (2):	\$790

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Forty-foot Conex with shelving:	\$6,750
Renovating materials for office/parts room:	\$3,200

Projected Cost of Labor:

The CAP is planning for all volunteer labor costs estimated at \$8,000 to complete these projects. Several CAP members in the Anchorage bowl area have a variety of experience in different construction aspects.