

**Ted Stevens Anchorage International Airport: Energy and Terminal Systems Upgrades**

**FY2007 Request: \$1,269,000**  
**Reference No: 41524**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Anchorage Areawide

**Contact:** John Torgerson

**House District:** Anchorage Areawide (HD 17-32) **Contact Phone:** (907)269-0727

**Estimated Project Dates:** 07/01/2006 - 06/30/2011

**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

Implement recommendations from the terminal energy envelope evaluation and complete electrical and energy equipment replacement/upgrades in the terminals. As funding allows, additional system upgrades and repairs will be completed on the facilities. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>Total</u>
IntAptCons	\$1,269,000						\$1,269,000
<b>Total:</b>	\$1,269,000	\$0	\$0	\$0	\$0	\$0	\$1,269,000

<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
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

FY2002 - \$1,905,000.

**Project Description/Justification:**

This project will construct North Terminal building envelope and mechanical system improvements. Improvements are needed to reduce building heat loss and energy costs, to improve passenger and staff comfort, and to improve heating, ventilation and air conditioning system reliability by reducing potential system failures due to freezing. The North Terminal building has major thermal deficiencies that, under certain winter conditions, make the inside of the building impossible to bear and barely functional as airline passenger service area, and work and office space. The building envelope is poorly insulated and leaks air at a significant rate. Infiltration around doors and windows, and through gasketed wall panels are common complaints.