

**Ted Stevens Anchorage International Airport: Aircraft
Rescue and Fire Fighting Vehicle**

**FY2011 Request: \$1,300,000
Reference No: 49098**

AP/AL: Allocation

Project Type: Equipment / Commodities

Category: Transportation

Location: Anchorage Area-wide

Contact: Christine Klein

House District: Anchorage Area-wide (HD 17-32)

Contact Phone: (907)269-0724

Estimated Project Dates: 07/01/2010 - 06/30/2015

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

Acquire one Aircraft Rescue and Fire Fighting (ARFF) truck with a 4,500 gallon water tank and a 630 gallon foam tank. This truck will have 950 horsepower engines capable of going from 0-50 miles-per-hour (mph) in 35 seconds, with a top speed of 70 mph. The ARFF truck will have all wheel drive and independent suspension capable of operating in hilly terrain in addition to increased visibility for improved operator handling and a camera-assisted operating capability to provide pump and roll operations. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$1,300,000						\$1,300,000
Total:	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

<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
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

ARFF vehicles are required at ANC due to the Federal Aviation Administration (FAA) issuing regulations and prescribing standards for Aircraft Rescue and Fire Fighting (ARFF) vehicles on United States airports certificated under Title 14 Code of Federal Regulations Part 139.

The airport currently owns older ARFF vehicles which are 16-22 years old. ARFF vehicles should not be more than 10 years old. Due to the age of the vehicles, maintenance is becoming more difficult as parts are hard to get making it difficult to keep the older ARFF trucks running. In addition, due to the older vehicles' age there are increased chances of equipment failure, combined with more airfield to cover, which makes it increasingly difficult to respond within the required time frames.

The new truck will provide better response capabilities for new large aircraft (NLA). The planned purchase of this vehicle will allow the airport to surplus its old vehicles with no loss in capability. With the projected growth and loss of the mutual agreement with Kulis ANG these vehicles will be required to respond more often, which requires them to be more reliable. The new truck will allow for a faster

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response time and improved capability through the use of cameras, allowing the operators to see and be more effective with the spray systems during reduced visibility conditions.