

Alaska Aviation Safety Program

FY2011 Request: \$1,750,000

Reference No: 47583

AP/AL: Appropriation

Project Type: Life / Health / Safety

Category: Transportation

Location: Statewide

Contact: Christine Klein

House District: Statewide (HD 1-40)

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Estimated Project Dates: 07/01/2010 - 06/30/2013

Brief Summary and Statement of Need:

This project seeks to reduce fatal aviation accidents, focusing primarily on air charter operations in Alaska. Project sponsors developed a real-world software based pilot training product for use in aviation simulators to help charter pilots train on the most heavily flown routes. The advanced training program depicts terrain, shows regional weather conditions, and evaluates a pilot's decision making ability. This request seeks to expand initial success to other air corridors identified by the air service industry. 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	\$1,000,000						\$1,000,000
Gen Fund	\$750,000						\$750,000
Total:	\$1,750,000	\$0	\$0	\$0	\$0	\$0	\$1,750,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" 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	
Totals:	0	0

Additional Information / Prior Funding History:

Gov \$750.0 Leg adds \$1M. FY2010 - \$400,000 (fed) & \$400,000 (GF). Prior funding through DMVA includes four federal research grants from NASA were received: \$300,000 in in-kind assistance from NASA plus funds for the following federal fiscal years: FY2008 - \$500,000; FY2007 - \$500,000; FY2006 - \$1,500,000; FY2005 - \$2,980,000; FY2004 - \$3,000,000; FY2001 - \$300,000

Project Description/Justification:

The Alaska Aviation Safety Project (AASP) is an on-going project in partnership with the Medallion Foundation, Federal Aviation Administration (FAA), National Institute of Occupational Safety & Health (NIOSH), and National Aeronautics & Space Administration (NASA). The purpose of this project is to save and preserve human life. Stakeholders include tourism, aviation, and the traveling public.

Commercial air tour operations and general aviation in Alaska have experienced a high rate of aviation accidents resulting in severe injuries and death. To address the high rate of air tour accidents, the National Transportation Safety Board's (NTSB) issued Safety Recommendations A-08-59 through A-08-62 specific to Alaska. Concurrently the DOT Joint Project Office was researching methods to address regionally specific mission based training scenarios while assessing pilot decision making in the cockpit.

The DOT-JPO partnership includes the DOT, NIOSH, FAA, NOAA, and the Medallion Foundation. Federal cost sharing is highly anticipated and has traditionally been a part of the program.