

Statewide - Various Airports Aeronautical Surveys

FY2011 Request: \$3,000,000

Reference No: 49340

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Statewide

Contact: Christine Klein

House District: Statewide (HD 1-40)

Contact Phone: (907)269-0724

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

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

Funding to conduct aeronautical surveys at various state-owned airports. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage, 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	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

<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:

This project consists of doing aeronautical surveys at various state-owned airports for development approach procedures, potentially including:

- 1) Adak Airport
- 2) Atka Airport
- 3) Bethel Airport
- 4) Grayling Airport
- 5) Ketchikan Airport
- 6) Northway Airport
- 7) Port Heiden Airport
- 8) Sand Point Airport
- 9) Savoonga Airport
- 10) St. Paul Airport
- 11) St. George Airport
- 12) Talkeetna Airport
- 13) And/or other state airports as funding and project scheduling allow.

The Federal Aviation Administration (FAA) requires public airport owners now to conduct aeronautical

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surveys for baseline airport data to support development of Airport Layout Plans, project designs, and new approach procedures as part of the National Airspace System (NAS). Whenever a public airport owner anticipates moving a runway threshold, FAA requires an aeronautical survey in order to maintain existing approach procedures. Losing an established approach procedure at an airport for lack of an aeronautical survey can have severe impacts on a community. Inclement weather conditions would prevent airplanes access to the airport, impacting the community's economy and quality of life.

The aeronautical survey produces high resolution photography, which is used to make photogrammetric measurements of obstruction heights, delineate aircraft movement areas and associated airport features, and perform ground surveys. The data are very useful to Department engineers for design activities at that airport, and to improve the community's access to the outside world.