

**Statewide: Aviation Systems Plan Update****FY2005 Request: \$2,700,000****Reference No: 36241****AP/AL:** Allocation**Project Type:** Planning**Category:** Transportation**Location:** Statewide**Contact:** Kip Knudson**House District:** Statewide (HD 1-40)**Contact Phone:** (907)269-0724**Estimated Project Dates:** 07/01/2004 - 06/30/2009**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Conduct planning and analysis related to improving the safety and capacity of the state aviation system as well as associated environmental and public concerns. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage, by improving the mobility of people and goods and by increasing private investment.

<b>Funding:</b>	<b>FY2005</b>	<b>FY2006</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>Total</b>
Fed Rcpts	\$2,700,000						\$2,700,000
<b>Total:</b>	<b>\$2,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,700,000</b>

<input checked="" 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
7% = 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:**

FY2004 - \$600,000; FY2003 - \$2,200,000; FY2002 - \$700,000; FY2001 - \$700,000; FY2000 - \$700,000; FY1999 - \$700,000. This is an on-going program.

**Project Description/Justification:**

This project consists of the following planning tasks associated with the managing and improving the state's aviation infrastructure.

1. Develop and maintain a continuously updated list of prioritized projects and a five-year Spending Plan.
2. Develop and review state policies regarding airport improvements, maintenance and operations.
3. Continue development of a pavement management system to establish pavement condition index baselines, amount and direction of change and identify pavement rehabilitation needs.
4. Develop updated ALPs for selected airports.
5. Acquire aerial photography at selected airports.
6. Evaluate and update aviation design, construction and maintenance standards.
7. Identify and document airport right-of-way incursions and issues.
8. Develop aviation plans to address regional aviation issues of special concern.
9. Evaluate Runway Safety Area development practicability at selected airports.
10. Evaluate and participate in implementation of the Capstone program.
11. Update airport specifications for compliance with FAA standards.
12. Evaluate penetrations to imaginary airspace surfaces surrounding airports.

13. Wildlife hazard assessments evaluations at selected airports.
14. Other analysis and planning work as funding allows.

The state owns or operates approximately 260 airports. Some of these airports are highly regulated Part 139 certificated airports. Most state owned airports have federal funding obligations that create additional management and grant compliance issues. Many of these airports are substandard and need improvement. The state seeks federal Airport Improvement Program (AIP) funding for these improvements. For example, in the years FFY'01, '02 and '03 the department respectively received annually approximately \$126, \$133 and \$171 million in AIP funding for airport improvements. Recent advances in satellite based technology such as the global positioning system (GPS) and other electronic navigation equipment is creating additional demands for nighttime and Instrument Flight Rule aircraft operations. This creates additional demands and expectations by airport users, the FAA and the general public. These demands create a need for a significant level of continuous aviation system planning work.