

**Kodiak Launch Complex Infrastructure****FY2010 Request: \$17,500,000****Reference No: 41789****AP/AL:** Appropriation**Project Type:** Construction**Category:** Development**Location:** Kotlik**Contact:** Dale K. Nash, Chief Executive Officer**House District:** Bering Straits (HD 39)**Contact Phone:** (907)561-3338**Estimated Project Dates:** 07/01/2009 - 06/30/2014**Brief Summary and Statement of Need:**

Alaska Aerospace Development Corporation (AADC) requests \$17.5 million to build two facilities: a dedicated rocket motor storage facility and an additional launch pad. This program contributes to the Department's mission of promoting a healthy economy and strong communities by providing economic growth in the communities it serves.

<b>Funding:</b>	<b>FY2010</b>	<b>FY2011</b>	<b>FY2012</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>Total</b>
Fed Rcpts	\$14,000,000						\$14,000,000
Gen Fund	\$3,500,000						\$3,500,000
<b>Total:</b>	<b>\$17,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,500,000</b>

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

**Additional Information / Prior Funding History:**

Refer to the funding matrix in the detailed description.

**Project Description/Justification:**

This is the second of a two-year funding request for this multi-year project.

Alaska Aerospace Development Corporation's (AADC) Kodiak Launch Complex (KLC) requests funding for the following: a dedicated rocket motor storage facility, an additional launch pad, and related infrastructure. KLC's existing two launch pads are right next to each and cannot be used simultaneously, thereby limiting customers and launches. The additional facilities will allow multiple launch customers to be on site simultaneously, double KLC's launch capabilities, and result in KLC being a full service spaceport.

AADC is currently developing a long-term relationship with the U.S. Air Force (USAF). The USAF plans to initiate the Operationally Responsive Space (ORS) program with the goal of having launch on-demand capability – placing national defense assets in orbit with very little lead time. KLC is an attractive launch site for the ORS program because the KLC offers flexible launch scheduling not available at other U.S. launch sites; and launches from KLC avoid populated areas, environmentally sensitive areas, and congested air routes. However, the ORS program will require a dedicated rocket motor storage facility and dedicated launch pad. Neither is currently available at the KLC.

An initial ORS demonstration launch is planned for September 2009 and a second potential launch is scheduled for December 2009. Once mature, it is estimated the ORS program will launch four or

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more payloads to orbit each year. This is in addition to launches already provided for the Department of Defense, Missile Defense Agency. In addition, the AADC is currently in discussions with other potential customers such as other Department of Defense agencies, National Aeronautics and Space Administration, and commercial interests.

The facilities will be built over the next two years and will cost \$35 million. In fiscal year 2009 and again in 2010 AADC has/will be requesting \$17.5 million. Of that amount, \$14.0 million will be provided by the federal government and \$3.5 million is requested from the State's General Fund.

The State's initial General Fund investment of \$15.6 million has resulted in \$214 million in revenue, a viable aerospace industry within Alaska, and employment opportunities in Kodiak. KLC has become an acknowledged national asset in the U.S. spaceport inventory. Additional investment by the State will send a strong message that Alaska supports the KLC and the continued expansion of the aerospace industry in Alaska.

If this capital request is not approved, the KLC will not be able to support the U.S. Air Force in its Operationally Responsive Space program. Nor will AADC be able to attract other potential customers as the KLC will continue to be limited – unable to accommodate multiple launch customers on site simultaneously.

**Funding History**

Year	Amount	Legislation	AR #
FY 1999	5,000,000	SLA 98 Ch 139 Page 40 Line 9	32591-04
FY 2000	6,000,000	SLA 99 Ch 2 Page 38 Line 21	32646-04
FY 2000	9,300,000	RPL 0810064	32647-04
FY 2001	17,900,000	SLA 00 Ch 135 Page 3 Line 13	32627-05
FY 2002	4,500,000	SLA 01 Ch 61 Page 3 Line 23	32639-06
FY 2002	20,000,00	SSSLA 02 Ch 1 Page 112 Line 4	32673-06
FY 2004	38,000,000	SLA 03 Ch 82 Page 45 Line15	32679-08
FY 2006	36,000,000	FSSLA05 Ch3 Page3 Line27	32723-09
FY 2007	15,000,000	SLA 06 Ch82 Page 3 Line 30	10334-11
FY 2008	15,000,000	SLA 07 Ch30 Page 84 Line 31	6355-12
FY 2009	17,500,000	SLA 08 Ch29 Page 88 Line 9	4689-13