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AADC History

AADC was established by the Alaska State Legislature in 1991 and charged with stimulating a high technology aerospace industry in the state. The corporation, in partial fulfillment of its charter, built and operates KLC, the nation's first full service commercial spaceport that was not collocated on a Federal reservation. KLC is located on Kodiak Island, which was chosen over several other sites scattered across the state, for its ability to best support commercial launch operations. The launch complex occupies around 3,700 acres of State owned land. AADC has authority over an additional 10,000 acres of land abutting the complex that it limits access to during launch operations to assure public safety and security. KLC offers a broad unobstructed open ocean launch fan to the south that ranges from 110° to 220°. There are no down range human safety concerns and missions can be flown without need for energy dissipating dog leg segments.

Construction of KLC began in 1998 and the facility was completed in 2001. AADC's customers to date have included the US Air Force, NASA, and the Missile Defense Agency.



Alcatel installing a section of the new undersea fiber optic cable network at Kodiak Island, in 2006.



FTG-02 lifts off from KLC on September 1, 2006 - Photo courtesy of Sandia National Laboratories

Economic Development and Industry Expansion

Satellite Earth Station

AADC participated in feasibility studies that brought a satellite down-link earth station to Fairbanks. At high northern latitude, Fairbanks is well suited as a location to receive data from remote sensing, research or other observation satellites in polar orbits. A satellite in polar orbit offers data to a receiving earth station in Fairbanks more times a day than would be possible if the earth station were further south in the U.S.

Telecommunications in Southcentral Alaska

In 2006, AADC partnered with the Kodiak Kenai Cable Company to bring high speed fiber optic connectivity to KLC and Kodiak Island. AADC owns sufficient fiber to support conceivable long term needs at KLC. Fiber cable was laid to Kodiak from Seward, Alaska, to the east and Homer, Alaska, to the north providing assured redundancy as a guard against cable breaks. Communication between KLC and the rest of the world is provided by a Synchronous Optical Network (SONET) fiber ring. The SONET ring has

KLC Launch History

December 5, 2008
Missile Defense Agency (MDA) Strategic Targets System (STARS), FTG-05

July 18, 2008
MDA STARS, FTX-03

September 28, 2007
MDA STARS, FTG-03a

May 25, 2007
MDA STARS, FTG-03

September 1, 2006
MDA STARS, FTG-02

February 23, 2006
MDA STARS, FT 04-1

February 13, 2005
MDA STARS, IFT-14

December 14, 2004
MDA STARS, IFT-13C

April 24, 2002
U.S. Air Force (USAF) Quick Response Launch Vehicle, (QRLV-2)

November 9, 2001
U.S. Army Space and Missile Defense Command, West Coast Risk-Reduction Flight (WCRRF)

September 29, 2001
Lockheed Martin, NASA and USAF, Kodiak Star

March 22, 2001
USAF, QRLV-1

September 15, 1999
USAF Atmospheric Interceptor Technology (AIT), ait-2

November 5, 1998
USAF, ait-1

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full and automatic redundancy. KLC currently has one OC-12 capacity on the fiber ring with an installed capacity of two DS 3s (equal to 56 T-1s).

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The Economic Benefits of the Alaska Aerospace Development Corporation, FY2008

Prepared for the

Alaska Aerospace Development Corporation

January 2009

Prepared by



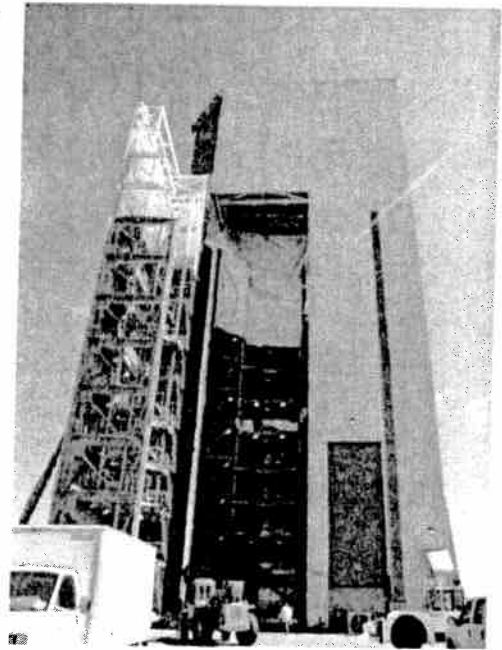
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Executive Summary

This study quantifies the economic contribution of the Alaska Aerospace Development Corporation's (AADC) and the Kodiak Launch Complex (KLC) operations on the local economies of Kodiak, Anchorage and Cordova as well as the economy of the state as a whole. The economic analysis covers the 2008 fiscal year (July 1, 2007 to June 30, 2008).

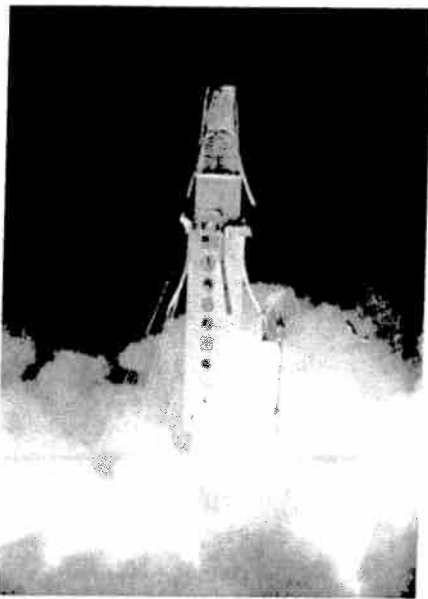
The KLC operations and projects continue to generate significant economic benefits to Alaska by providing long-term, high paying, stable jobs, providing local economic diversity, as well as creating short-term benefits from projects and construction activities. In FY08, AADC's total economic contribution to the state amounted to \$28.7 million in economic output. AADC continued to purchase goods and services from local businesses. AADC directly supported 260 Alaska businesses and generated 235 direct, indirect and induced jobs that paid a total of \$12.5 million in wages and salaries within the state. Figure ES-1, Figure ES-2, and Figure ES-3 illustrate the share of economic output, jobs and labor income generated in the different regions that benefited from AADC activities. Table ES-1 presents all the direct, indirect and induced economic impacts on the different regional economies as well as the total statewide impacts.



Launch Services Structure (LSS) with rotating service door open. Upper floors show results of corrosion control process (in progress). Photo from AADC Archives.

As expected, the economic impacts of AADC's operations and projects were most significant in the Kodiak region. The total direct, indirect and induced local impacts to the Kodiak economy alone

amounted to \$17.8 million, supporting over a hundred local vendors, and generating 155 local jobs with \$7.7 million in local payments for wages and salaries. This amount represents about 11 percent of the total earnings recorded for the Kodiak Island Borough for the previous year.



IFT-13c Target Missile Launch Dec 2004. Photo courtesy of Sandia National Laboratory.

The local impacts to Kodiak are especially significant during a launch. The Kodiak Launch Complex attracted 420 mission related and 562 non-mission related visits to Kodiak during the 2008 fiscal year. These visits contributed approximately \$365,000 in business sales for hotels, restaurants, and other retail and service sectors in Kodiak. Besides the economic impacts generated in the tourism or hospitality sector, logistics activities during launches also directly benefited local contractors. Approximately \$100,000 in direct local spending per launch is associated with logistics activities. Activities during a launch typically involve HAZMAT certified drivers and trucks, communications equipment and material handling equipment and operators.



March 10, 2009

Senator Joe Paskvan, Chair
Senate Labor and Commerce Committee
Alaska State Capitol, Room #7
Juneau, Alaska 99801

SUBJECT: Support of SB 125 - Alaska Aerospace Corporation
"An Act changing the name of the Alaska Aerospace Development Corporation to Alaska Aerospace Corporation"

Dear Senator Paskvan:

The Alaska Aerospace Development Corporation completely supports this bill that changes our name to the Alaska Aerospace Corporation. We feel strongly that this name change will further assist the corporation in securing launch and other aerospace related contracts that generate significant economic benefits to Alaska by providing long-term, high paying, stable jobs; by providing local economic diversity; and by creating short-term benefits from projects and construction activities.

The launch site in Kodiak is fully operational, functioning and self supporting. The site has had 14 successful launches since November 1998. The corporation's title needs to reflect our maturity and this name change will help the organization meet its 21st century goals.

The new title, Alaska Aerospace Corporation, is unambiguous about our capabilities and will improve our ability to compete for and offer launch services to the national and international aerospace market.

Please call me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Dale K. Nash".

Dale K. Nash
Chief Executive Officer