

# **State of Alaska FY2006 Governor's Operating Budget**

## **Department of Military and Veterans Affairs STARBASE Component Budget Summary**

**Component: STARBASE**

**Contribution to Department's Mission**

Science, Technology, Academics, Reinforcing Basic Aviation and Space Exploration (STARBASE) will “Add Value to America” through educational enrichment programs for Alaskan students focusing on technology, science, math, goal setting, team building, and drug demand reduction.

**Core Services**

To be a catalyst in the education of Alaskan students by increasing performance and improving attitudes in the areas of Science and Technology.

The STARBASE program is designed for students in the fourth through sixth grades. Students increase their learning potential through school-based activities that reinforce and build upon the material learned at STARBASE. These activities are in the form of pre-visit lessons and post-visit lessons.

Hands-on, interactive learning activities focus on:

Science, Math and Technology

- Aerospace
- Solar system
- Flight
- Gravity
- Newton's three laws of motion
- Rocketry
- Experimentation
- Computer applications

Personal Development

- Teamwork/interactions
- Goal setting
- Problem solving
- Communication
- Self esteem
- Resisting peer pressure
- Drug/alcohol resistance

The Alaska National Guard provides various services to STARBASE including, C-130 and Blackhawk tours, facility tours, and guest speakers upon request. We are located at the Camp Carroll Training Site on Fort Richardson U. S. Army, therefore the student-participants are acutely aware of day-to-day operations in a military environment.

The STARBASE staff uses teamwork, decision-making and problem solving on a daily operation. Students are given “stars” stamps on their folders for actively participating in classroom activities. Students are reminded daily of the four STARBASE rules for success: Set goals, be a thinker, take positive action, and be responsible.

Motivational goal setting lessons teach children how to identify their personal dreams and goals. Students learn that they can achieve any dream or goal by taking positive actions. They also learn that positive actions yield a positive reality, while negative actions yield negative reality. Instructors encourage each student throughout the course of the program, helping them build positive self-esteem. Our program provides for integration of special needs students along with their fellow classmates.

End Results	Strategies to Achieve Results
<p><b>A: Increased student performance in the areas of Science and Technology.</b></p>	<p><b>A1: Improve academic scores between pre &amp; post flight testing.</b></p> <p><u>Target #1:</u> Increase the class average academic scores from pre-flight to post-flight tests by 10% by the end of 2008.</p> <p><u>Measure #1:</u> Percent increase in academic scores from pre-flight to post-flight test</p>

### Major Activities to Advance Strategies

- Provide more hands on training in science and math problem solving
- Analyze scores from pre and post flight tests
- Review curriculum for necessary changes
- Develop Interagency Cooperative Agreements
- Partner to make use of facilities, available transportation, and other military services

### FY2006 Resources Allocated to Achieve Results

FY2006 Component Budget: \$318,300

**Personnel:**

Full time	4
Part time	0
<b>Total</b>	<b>4</b>

### Performance Measure Detail

#### A: Result - Increased student performance in the areas of Science and Technology.

##### A1: Strategy - Improve academic scores between pre & post flight testing.

**Target #1:** Increase the class average academic scores from pre-flight to post-flight tests by 10% by the end of 2008.

**Measure #1:** Percent increase in academic scores from pre-flight to post-flight test

##### Percent Increase Academic Scores

Year			YTD
2003	Actual	21%	21%
2004	Actual	26.13%	26%
2005	Target	29%	0
2006	Target	30%	0
2007	Target	32%	0

**Analysis of results and challenges:** As the students progress through the academic year, we have found that towards the end of year they score higher on the pre-test (since the students arrive with more background knowledge). This higher pre-test score lowers the increase between pre-test and post-test. Periodic review of our curriculum and enhancement of our teaching methods and knowledge will continue to improve our test results.

### Key Component Challenges

- STARBASE is unable to service all the 5<sup>th</sup> grade and 6<sup>th</sup> grade students in the Anchorage School District (ASD) within the school year.
- Transportation time prohibits other school districts from participating.
- The Anchorage School District is offering STARBASE classes primarily to Title One Schools. These are schools that have lower scores on national reading tests.

### Significant Changes in Results to be Delivered in FY2006

None.

## Major Component Accomplishments in 2004

- STARBASE taught over 950 Anchorage and Matanuska-Susitna area students in 2004.
- Over 60 students took part in a Video Tele-Conference (VTC) with the astronauts in the International Space Station, as well as NASA Houston, TX, and students from Texas, and West Virginia.
- Two classes of Alaska STARBASE students took part in a VTC with NASA Langley, VA, and STARBASE students from Minnesota.

## Statutory and Regulatory Authority

None

### Contact Information

**Contact:** John Cramer, Administrative Services Director  
**Phone:** (907) 465-4602  
**Fax:** (907) 465-4605  
**E-mail:** John\_Cramer@ak-prepared.com

**STARBASE  
Component Financial Summary**

*All dollars shown in thousands*

	FY2004 Actuals	FY2005 Management Plan	FY2006 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	197.3	225.0	233.9
72000 Travel	14.2	11.0	11.0
73000 Services	26.0	34.7	34.7
74000 Commodities	8.2	22.6	22.6
75000 Capital Outlay	0.0	16.1	16.1
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>245.7</b>	<b>309.4</b>	<b>318.3</b>
<b>Funding Sources:</b>			
1002 Federal Receipts	245.7	309.4	309.4
1004 General Fund Receipts	0.0	0.0	8.9
<b>Funding Totals</b>	<b>245.7</b>	<b>309.4</b>	<b>318.3</b>

**Estimated Revenue Collections**

Description	Master Revenue Account	FY2004 Actuals	FY2005 Management Plan	FY2006 Governor
<b>Unrestricted Revenues</b>				
None.		0.0	0.0	0.0
<b>Unrestricted Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Restricted Revenues</b>				
Federal Receipts	51010	245.7	309.4	309.4
<b>Restricted Total</b>		<b>245.7</b>	<b>309.4</b>	<b>309.4</b>
<b>Total Estimated Revenues</b>		<b>245.7</b>	<b>309.4</b>	<b>309.4</b>

**Summary of Component Budget Changes  
From FY2005 Management Plan to FY2006 Governor**

*All dollars shown in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2005 Management Plan</b>	<b>0.0</b>	<b>309.4</b>	<b>0.0</b>	<b>309.4</b>
<b>Adjustments which will continue current level of service:</b>				
-FY 05 Bargaining Unit Contract Terms: GGU	2.1	0.0	0.0	2.1
-FY06 Cost Increases for Bargaining Units and Non-Covered Employees	6.8	0.0	0.0	6.8
<b>FY2006 Governor</b>	<b>8.9</b>	<b>309.4</b>	<b>0.0</b>	<b>318.3</b>

**STARBASE  
Personal Services Information**

<b>Authorized Positions</b>		<b>Personal Services Costs</b>		
	<u>FY2005</u>	<u>FY2006</u>		
	<u>Management</u>	<u>Governor</u>		
	<u>Plan</u>			
Full-time	4	4	Annual Salaries	153,940
Part-time	0	0	COLA	1,960
Nonpermanent	0	0	Premium Pay	0
			Annual Benefits	89,056
			<i>Less 1.25% Vacancy Factor</i>	<i>(3,056)</i>
			Lump Sum Premium Pay	0
<b>Totals</b>	<b>4</b>	<b>4</b>	<b>Total Personal Services</b>	<b>241,900</b>

**Position Classification Summary**

<b>Job Class Title</b>	<b>Anchorage</b>	<b>Fairbanks</b>	<b>Juneau</b>	<b>Others</b>	<b>Total</b>
Administrative Clerk II	1	0	0	0	1
AMYA Instructor	2	0	0	0	2
AMYA Supervisor II	1	0	0	0	1
<b>Totals</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>