

Item number:

7A Supp.

Date of Meeting:

February 2, 2010



AVIATION HIGH SCHOOL HIGHLINE SCHOOL DISTRICT

John Welch -- Superintendent

Reba Gilman -- CEO/Principal

Presentation Agenda

- Introductions
- Power Point Presentation
- Video of new facility
- Student Experiences
- Public Testimony

Port Involvement & Contributions

- Member of Founding Board
- Job Shadow Program
- Environmental Curriculum
- Internships opportunities
- Funding - \$15 million

Q1 2010 Job Shadow Participants



2009 High School Interns



AHS/Port Funding Agreement

Agreement to provide \$15 million to AHS

In last 4 years, funds were used to:

- Renovate & lease interim space
- Invest in start-up technology

\$10 million will be provided for construction of the new facility



AHS Port Funding from Tax Levy

<u>Year</u>	<u>Amount</u>
• 2004	\$ 725,000
• 2005 - 2009: \$650K yr.	\$3,250,000
• 2010	\$9,075,000
• 2011 - 2013: \$650K yr.	<u>\$1,950,000</u>
TOTAL	\$15 million

Curriculum

- Only public, college-prep, aviation themed school in NW
- Goal: Premier school for science, technology, engineering and math (STEM)
- Core classes and hands-on electives, such as Aerospace Engineering & Introduction to Robotics, provide real world relevancy
- Project -based learning focuses on aerospace & aviation
- Students work closely with mentors from Boeing, Alaska Airlines, the Port, and the local aviation community

STUDENTS

- 414 students total, grades 9th -- 12th
- Many aspire to careers in science and aviation/aerospace
- 65% from Highline School District; 35% from other districts
- A diverse student body
- 1st graduating class in 2008

Washington State WASL Ranking

- Ranked 3rd highest in both math & science
- Top 10 for reading (9th of 408 schools)
- 100% writing proficiency ('09 tied for 1st out of 415)

One of the nation's best high schools for preparing all students for college (US News and World Report – Aviation was rated #6 in the State.)

Post-Secondary Plans

Intended College Major	Percentage	
	AHS	WA
Engineering	32%	8%
Health Professions	18%	18%
Biological Sciences	7%	5%
Computer and Info Science	5%	3%
Transportation	5%	0%
Physical Sciences	2%	2%
Natural Resources	2%	1%
Mathematics and Statistics	2%	1%
Total STEM	73%	38%
Other subjects	27%	62%

Source: Self-reported in SAT questionnaire.
 Aviation from 2009 SAT. State from 2008 SAT.

Our Collective Challenge*

- Per capita:
 - WA ranks 36th out of 50 states in production of bachelors degrees
 - In top 10 states in hiring scientists/computer specialists and leads nation in engineers

Conclusion: We import people to fill critical jobs

*PSRC/Prosperity Partnership

Connection to Jobs and Competitiveness

“The technical world needs the graduates of this High School to form the basis for future aviation experts in order for the United States to maintain its lead in advancing the application of advanced and ever more complex technologies.” James Raisbeck

- *1st grads: 94% met or exceeded college level standards*
- *\$1 - \$1.5 million in scholarships have been awarded to 72 of 100 graduates*

Need for New Facility

- Temporary facilities limit teaching and learning
- Need location convenient for partnering with aviation and aerospace to ensure relevance of program
- Invited by Museum of Flight to build and reside on its property = Unprecedented opportunity for an extended learning lab and model for STEM education

Capital Campaign: Raisbeck Aviation High School

(Lead Private Gift from James and Sherry Raisbeck)

Estimated expense:

\$43.5 million includes design, soft costs, ground lease & contingency

Pledges to date:

\$18.2 million combining State, Federal, Private, Port & District contributions

Milestones

- Ground lease LOI March 2009
- ILA with Seattle Schools March 2009
- Architect/Design Firm June 2009
- Final design completed December 2009
- Private funds 50% confirmed January 2010
- State/Fed. Funds confirmed March 2010
- Private funds 95% confirmed March 2010
- Construction begins June 2010
- Grand opening December 2012

Aviation High School Motto:



The Sky Is NOT the Limit!