

# AVIATION HIGH SCHOOL HIGHLINE SCHOOL DISTRICT

John Welch -- Superintendent

Reba Gilman -- CEO/Principal



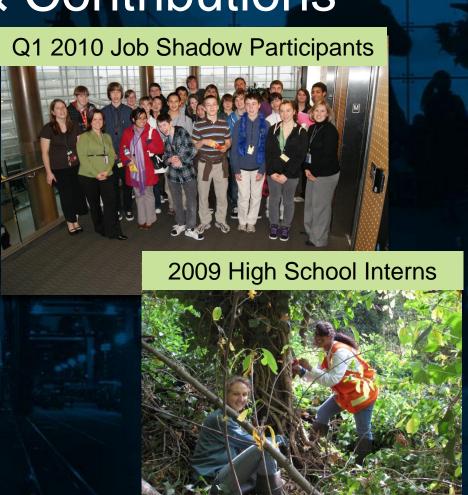
### Presentation Agenda

- 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





## 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

- Year
- 2004
- 2005 2009: \$650K yr.
- 2010
- 2011 2013: \$650K yr.

**TOTAL** 

#### **Amount**

\$ 725,000

\$3,250,000

\$9,075,000

\$1,950,000

\$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 9<sup>th</sup> -- 12<sup>th</sup>
- Many aspire to careers in science and aviation/aerospace
- 65% from Highline School District; 35% from other districts
- A diverse student body
- 1<sup>st</sup> graduating class in 2008



## Washington State WASL Ranking

- Ranked 3<sup>rd</sup> highest in both math & science
- Top 10 for reading (9<sup>th</sup> 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%



## Our Collective Challenge\*

- Per capita:
  - WA ranks 36<sup>th</sup> 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
- ILA with Seattle Schools
- Architect/Design Firm
- Final design completed
- Private funds 50% confirmed
- State/Fed. Funds confirmed
- Private funds 95% confirmed
- Construction begins
- Grand opening

March 2009

March 2009

June 2009

December 2009

January 2010

March 2010

March 2010

June 2010

December 2012



