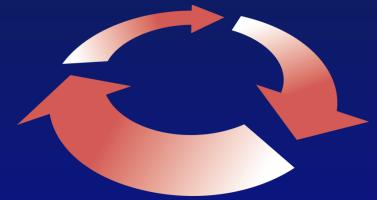
Item No. <u>6d Supp</u>
Date of Meeting <u>2/24/2009</u>

Aviation Maintenance's Continuous Improvement Program

Brought to you by
Michael Feldman
John Christianson
Jennifer Mims

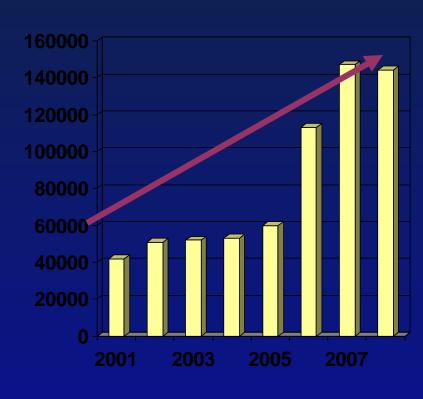


Commission Meeting February 24, 2009

Aviation Maintenance Overview

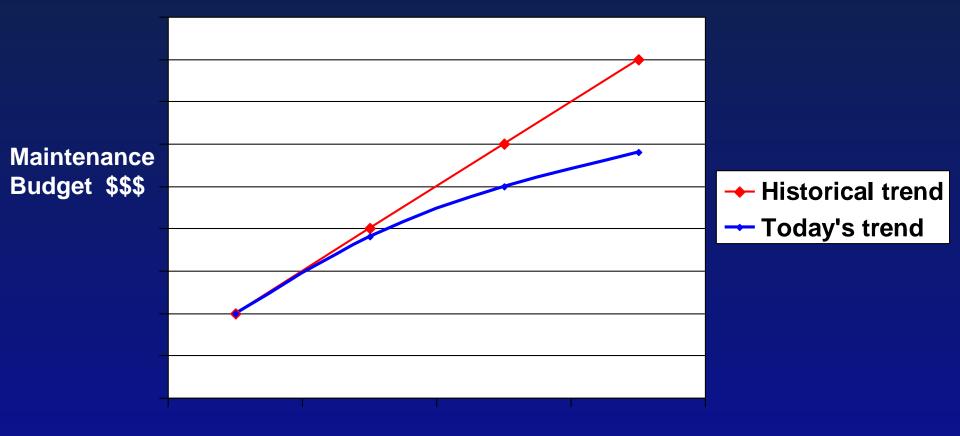


Annual work orders doubled



Largest Department within the Port, 35% of Aviation's 2009 O & M budget, Multiple Crafts, 24 / 7 / 365 operation, Maintain multiple mission critical systems, facilities, and equipment.

Maintenance Cost Trend



Increasing Facilities Sq. Footage and Equipment Assets

Operational Innovation

Efficiency helps manage CPE growth

- 2009 CPE \$11.90
- 60% of AVM budget hits CPE (\$1.76 in 2009)
- Every million dollar of efficiency results in \$.038 cost avoidance
- Cost growth trends were not sustainable
 - Cost shifting from airlines to airport
- Increased accountability and transparency
- Incorporated maintenance best-practices
- Taking strategic approach to asset management
- Managing short and long term O & M costs

Our Continuous Improvement Program

AN EMPLOYEE LED EFFORT, KICKED OFF JANUARY 2006

- To manage, maintain airport assets more efficiently
- To streamline, standardize work



THREE AREAS OF FOCUS:

- MATERIALS MANAGEMENT
- WORK MANAGEMENT
- 3. EQUIPMENT (ASSET) MANAGEMENT

Supported by Standard Operating Procedures & Key Performance Indicators

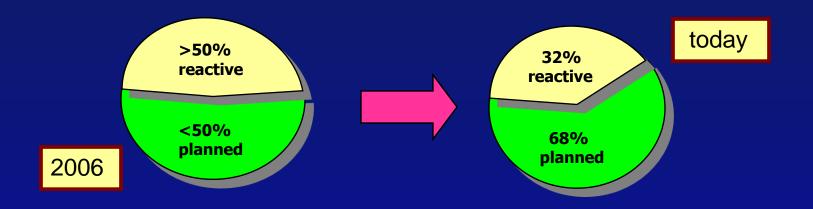
Progress report (2006 – 2008)

Materials Management

- Reduced on-hand inventory \$265,000 (2010 goal 1.16 million)
- Inventory data accuracy Goal 95% Achieved > 95% in latest count

Work Management

Goal 80% labor hours proactively planned and scheduled.



Asset Management

• 30,000 pieces of equipment in MAXIMO – total cost of ownership approach

Benchmarking & collaboration...

Denver **Airport** General **MAXIMO** Airport **Dynamics User Group Port of Portland Boeing Chelan County PUD North West MAXIMO Placid Oil McCarran User Group Airport** Refinery Vancouver Toronto, Boston, **Airport Airports Facility Fred Hutchinson MAXIMO Port of Tacoma User Group**

Peer Recognition

