Aeronautics Test Program (ATP)
Corporate Management of Aeronautical Facilities

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Outline

• Review ATP
• Accomplishments - FY’2006
• Plans
• Summary
Goals
Corporate Management of Aeronautical Facilities

• Increase the probability of having the right facilities in place at the right time over the long-term

• Operate those facilities in the most effective and efficient manner possible

• Ensure intelligent investment in and divestment of NASA facilities
## Aeronautics Test Program Organization

| Office | Director, Blair B. Gloss  
Deputy, Thomas B. Irvine  
Business Manager, Dina Weiss  
Project Manager for Infrastructure, Tim Marshall  
Project Manager for Technology Investments, Mary Wadel |
|---|---|
| **Ames Research Center** | Chief, Wind Tunnel Div.  
Don Nickison |
| **Glenn Research Center** | Chief, Research Testing Div.  
Jeffrey E. Haas |
| **Langley Research Center** | Director, Center Ops Dir.  
George B. Finelli |
Aeronautics Test Program
Primary Facilities

• Ames Unitary Wind Tunnel
• Glenn Icing Research Tunnel
• Glenn 9x15 Subsonic Tunnel
• Langley National Transonic Facility
• Langley Transonic Dynamics Tunnel
• Langley Hypersonic Complex
• Langley 8-Ft High Temperature Tunnel
• Langley 14x22 Subsonic Tunnel
• Langley 20-Ft Vertical Spin Tunnel
• Glenn Propulsion Systems Lab. 3 & 4
• Glenn 10x10 Supersonic Tunnel
FY 2006 Accomplishments

• ATP Office Staffed
• Investments
  – Maintained competitive user prices
  – Reduced backlog maintenance for ATP facilities
  – Investments made in test technologies
  – No NRA projects awarded - plan to release NRA in early spring of 2007
• Developing a new partnership with the DoD (Defense Test Resource Management Office)
  – The National Partnership for Aeronautical Testing (NPAT), DoD/NASA MOU, is nearly ready for signature
Plans and Activities For 2007

• Continue investing in ATP facilities to:
  – Insure stable and competitive user prices
  – Invest in critical maintenance issues
  – Develop test technology
  – Offer opportunities for graduate work in ATP facilities

• Complete the National Partnership for Aeronautical Testing (NPAT) and implement NPAT processes
  – Working to develop a communications process between DoD, NASA and Industry
  – Planning a facilities user meeting, co-sponsored by NASA and DoD
  – Explore reliance opportunities between NASA and DoD in the area of wind tunnel test facilities

• Develop long range investment strategy for facilities and test technology
• Develop a consolidated approach for strain gage balance skill retention
• Release a NRA for tasks that would include universities
• ATP was successfully implemented during 2006.
• ATP is working closely with DoD to develop a one government approach for wind tunnel facilities.
How to find out more

Information about NASA’s Aeronautics Research:

[www.aeronautics.nasa.gov](http://www.aeronautics.nasa.gov)

- Overview of each Program
- Detailed Project plans with Schedule and Milestones
- NASA Research Announcement (NRA) information