

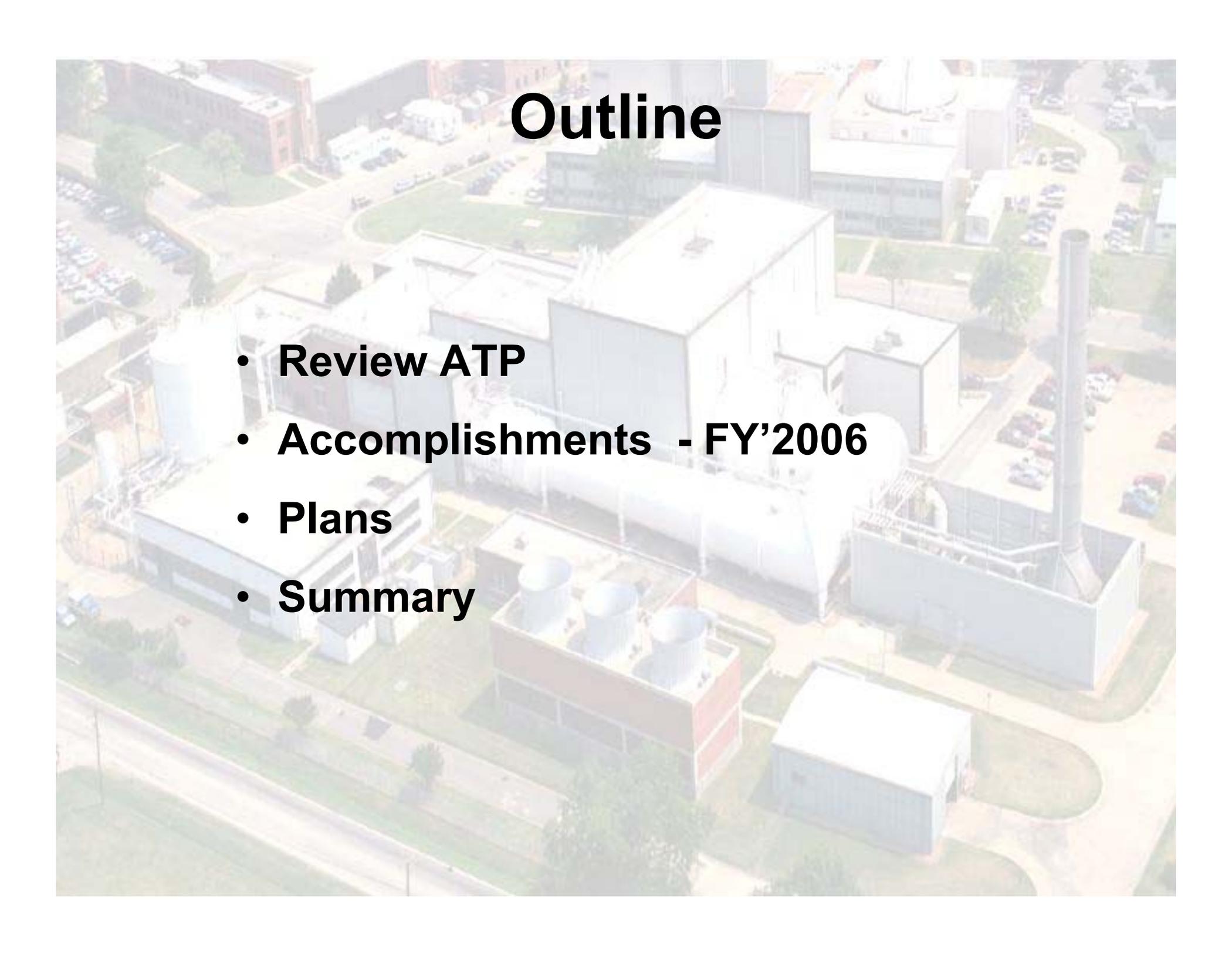


Aeronautics Test Program (ATP)

Corporate Management of Aeronautical Facilities

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Outline

An aerial photograph of an industrial plant, likely a water treatment facility. The image shows several large, interconnected buildings with flat roofs, some in shades of grey and others in reddish-brown. There are numerous large cylindrical tanks, some on the ground and others on elevated platforms. A tall, slender chimney stack is visible on the right side. The facility is surrounded by parking lots filled with cars, some green spaces with trees, and a road in the foreground. The overall scene is a complex of industrial infrastructure.

- **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



Summary

- **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

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

