



**ato**

AIR TRAFFIC ORGANIZATION

# NAS Infrastructure Summit

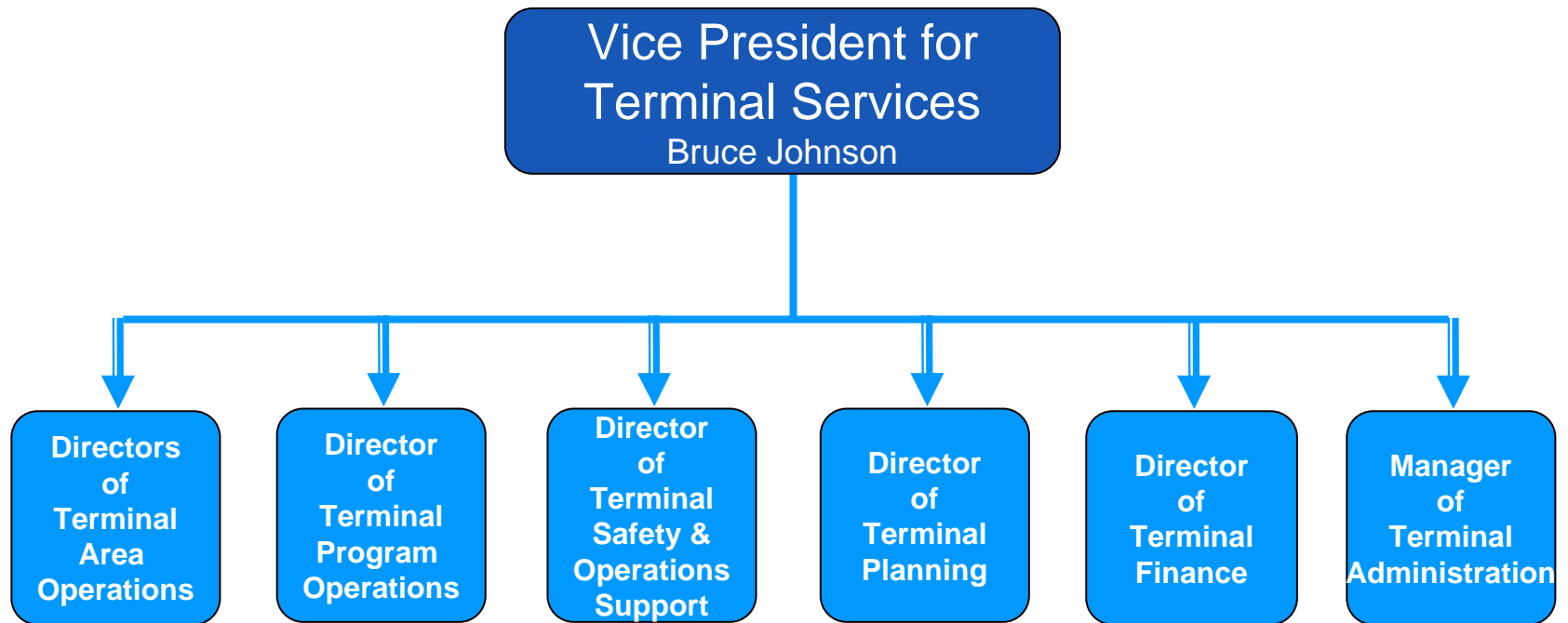
ATO – Terminal  
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September 9, 2005

# Agenda

- Organization
- Service Delivery Points
- Staffing & Budget
- National Air Space Terminal Modernization
- ATO Strategic Goals
- Challenges

# ATO-Terminal Organizational Structure



# ATO-Terminal Service Delivery Points

	# of Service Area Facilities			
<i>Service Area Facility Type</i>	Western	Central	Eastern	<i>Total</i>
<b>FCT</b>	66	77	86	<b>229</b>
<b>ATCT</b>	51	31	41	<b>123</b>
<b>TRACON</b>	11	7	9	<b>27</b>
<b>ATCT/TRACON</b>	22	62	58	<b>142</b>
<b>CCF</b>	1	0	0	<b>1</b>
<b><i>TOTAL</i></b>	<b>151</b>	<b>177</b>	<b>194</b>	<b>522</b>

**FCT - Federal Contract Tower:** These Facilities employ non-FAA controllers.

**ATCT - Air Traffic Control Tower:** These facilities employ FAA controllers in a tower only environment.

**TRACON - Terminal Radar Approach Facility:** These facilities employ FAA controllers in a radar only environment.

**ATCT/TRACON:** These facilities employ FAA controllers working in both a radar and tower environment.

**CCF - Combined Control Facility:** This facility employs FAA controllers working in the radar, tower and en route environment.

# What Makes Up a Terminal SDP?

- Each SDP has people, processes, and equipment
  - ATO-Terminal has approximately 8500 employees at the SDP's, three Service Areas and at Headquarters
  - Primary focus of today's discussion is on the Equipment Infrastructure
    - Building & Plant Infrastructure
    - Automation System
    - Weather System
    - Surveillance System
    - Information System
    - Communication System
  - Navigation Equipment is not discussed as part of the Terminal SDP

# ATO-Terminal Staffing & Budget

- Field personnel
  - 10,626 Controllers, Supervisors, Managers and Support Staff
- Headquarters Staff Office
  - 372 Technical and Administrative Staff, Supervisors, and Managers
- Operations Budget
  - FY04 = \$1.768B
  - FY05 = \$1.793B
  - FY06 = \$1.837B (Pres. Budget Submission)
- Facilities & Equipment Budget
  - FY04 = \$639.1M
  - FY05 = \$503.0M
  - FY06 = \$433.3M (Pres. Budget Submission)

# Terminal Infrastructure Modernization

- Surveillance Systems – Generate aircraft position data for air traffic controllers
  - Current Effort Examples: Expand airport surface surveillance; replace oldest radars; achieve common digital architecture
- Weather Systems – Generate weather data for air traffic controllers
  - Current Effort Examples: Sustain existing capabilities; add Integrated Terminal Weather System (ITWS) to large facilities
- Air Traffic Control Automation – Processes aircraft position and weather data for controllers' displays
  - Current Effort Example: Replace oldest systems with Standard Terminal Automation Replacement System (STARS)
- Terminal Facilities – Buildings for personnel and ATC equipment
  - Current Effort Examples: Construct Phoenix & Spokane ATCT/TRACONs

# ATO Strategic Goals

- Achieve Operational Excellence
- Improve Financial Discipline
- Increase Capacity where needed
- Ensure a viable future




# Challenges for Managing Terminal Infrastructure

- Balancing needs to sustain and modernize the infrastructure
- Ensuring an ever-improving level of safety with every change we make
- Improving the cost-effectiveness of Terminal Service delivery
- Improving the Rate of Return on our investments



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