

Safety & Security at the World's Most Traveled Airport: Today's Realities, Tomorrow's Challenges



Plenary Session: Terminal Velocity — Where is North American Airport Terminal Design Heading and How Fast Will We Get There?

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Hartsfield-Jackson overview

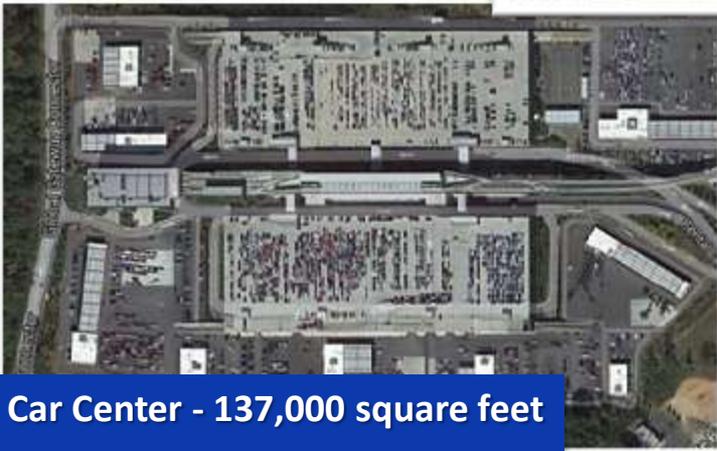
- **101.4 million passengers in 2015**
- **5.52% year-over-year growth**
- **More than 2,500 flights per day**
- **626,201 metric tons of cargo in 2015**
- **Combined annual operating and capital budget of +/- \$1 billion**



Hartsfield-Jackson overview: 4,700-acre campus



Central Passenger Terminal Complex
6.8 million square feet



Rental Car Center - 137,000 square feet



International Terminal
1.2 million square feet

- Aircraft incidents and accidents
- Terrorism/criminal activity
- Structural fires
- Fuel storage area fires
- Natural disasters
- Hazardous materials incidents
- Power outages
- Other incidents



Hartsfield-Jackson: Public Safety and Security priorities

- **Protect life and property**
- **Minimize exposure to risk**
- **Ensure ease of movement**
- **Facilitate continuity of operations**



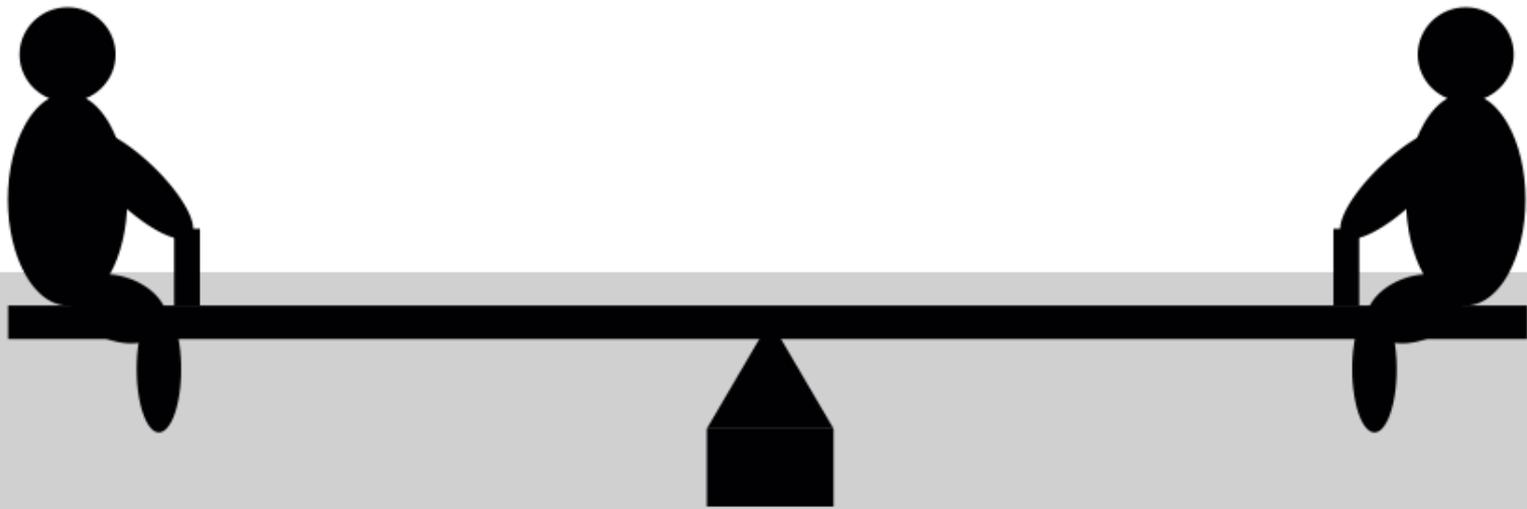
Security challenges vs. facilitation

Security

Facilitation

Effectiveness

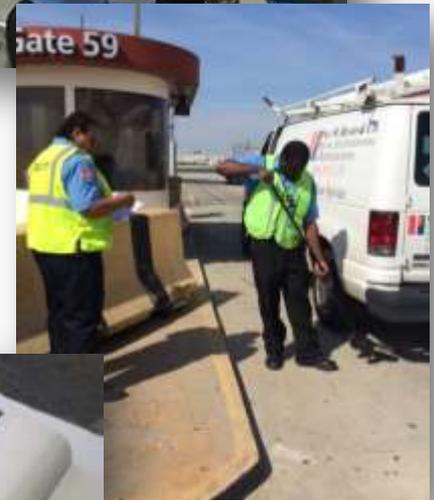
Efficiency



How do we strike a balance?

Insider threat

- Employee vetting
- Access control
- Awareness
- Employee screening



Smart Security initiatives



- ➔ **Joint program focused on aligning resources and expertise to improve the guest experience from curb to gate**
- ➔ **Under this concept, travelers will move through checkpoints with minimal inconvenience, resources are allocated based on risk and airport facilities are optimized**

ATL innovative security pilots

- **Checkpoint real-time monitoring**
 - Queue management
- **Lane design and automation**
 - Divesting and re-composure
 - Screening optimization



ATL security screening segmentation

- ➔ **TSA PreCheck**
- ➔ **Risk-based security**
 - Known crew member
 - Passenger-screening K-9s
 - Priority customers
 - General customers
- ➔ **Employees**



→ Major elements:

- Terminal modernization
- Parking decks replacement
- Airfield improvements
- Cargo warehouse development
- Support facilities
- Third-party development



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Questions & Answers

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