

ACI Air Cargo 2017

Orlando, Florida

June 4-6, 2017

The Challenges and Solutions for Air Cargo at Airports



AIRPORT AIR CARGO CHALLENGES

Today airports face many challenges:

- Access – terminal and warehouse areas
- Infrastructure & Facilities Development
- Rates & Charges
- Cargo Handling
- Security
- Maintenance
- Competition
- Bureaucracy – internal/external
- Regulations – FAA, TSA, CBP, USDA, etc.
- New product lines such as: e-commerce, drones, autonomous vehicles, etc.

What are the potential solutions to these and other challenges.....

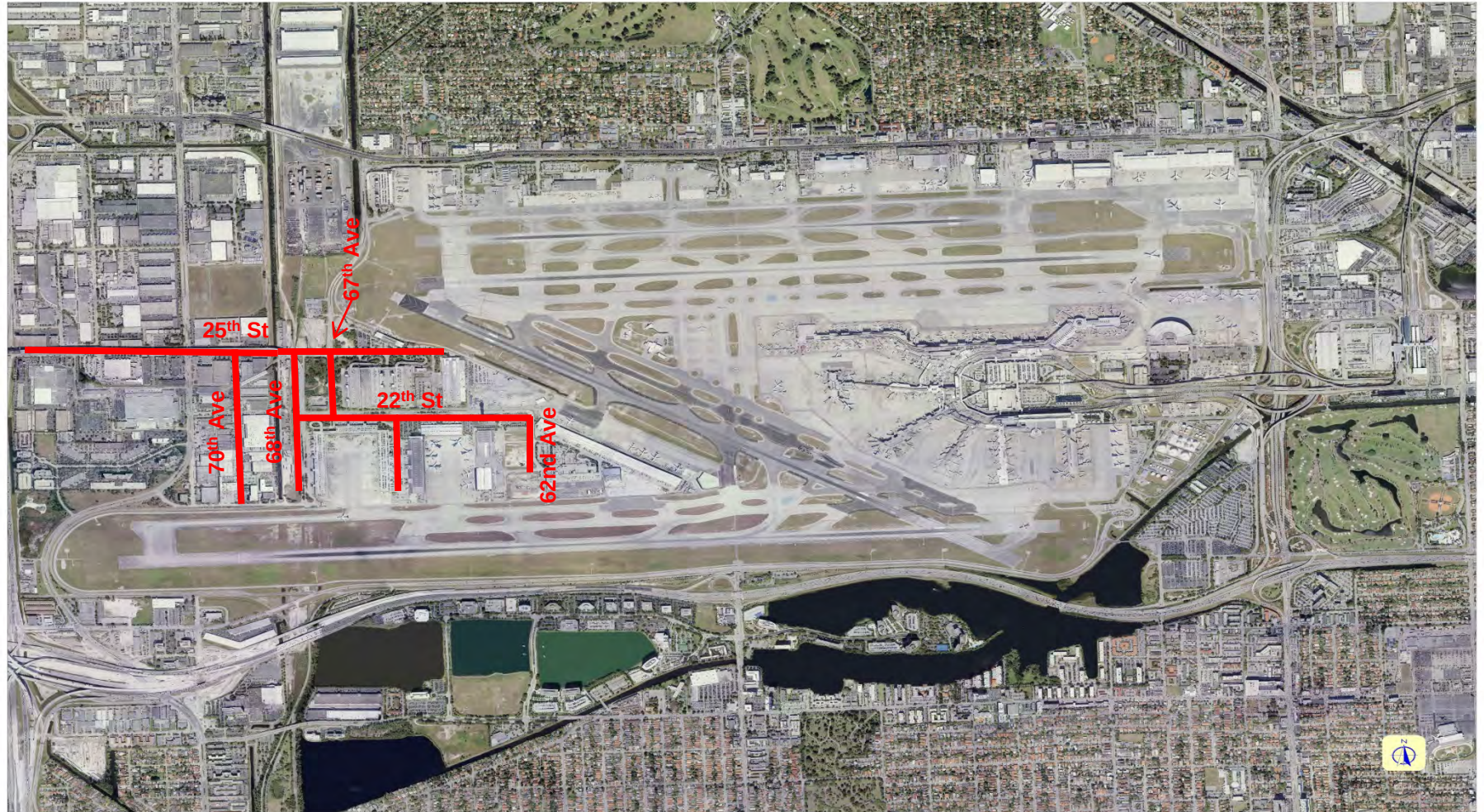


AIRPORT AIR CARGO CHALLENGES

Airport Access

Truck traffic, route access and congestion caused major problems on west side of MIA, especially during holiday peak periods.

The cargo community complained for many years to improve roadways in/out of MIA west side.



MIAMI INTERNATIONAL AIRPORT - FEBRUARY 2015



TECHNICAL SUPPORT DIVISION

AIRPORT AIR CARGO SOLUTIONS

Airport Access Improvement Program

The on-going traffic congestion finally prompted the construction of the 25th Street Viaduct, creating a dedicated overpass connecting SR826 to MIA.

Plans now call for extending the viaduct to the Florida Turnpike.



NW 25th Street
Palmetto to NW 89th Avenue

SMITH
AERIAL
PHOTOS 08-13-11



AIRPORT AIR CARGO SOLUTIONS

CORE - CARGO OPTIMIZATION REDEVELOPMENT EXPANSION

CORE Program

- 20 Year Horizon
- Forecast: 4M tons
- Airfield/Warehouse/Roadway improvements

OPTIMIZE (near-term)

- Maximize use of existing cargo facilities to provide additional near-term capacity
- Demolish older facilities

REDEVELOP (mid-term)

- Construct new cargo facilities within existing MIA property

EXPAND (mid/long-term)

- Increase footprint of cargo facilities at MIA on acquired land (west) of airport



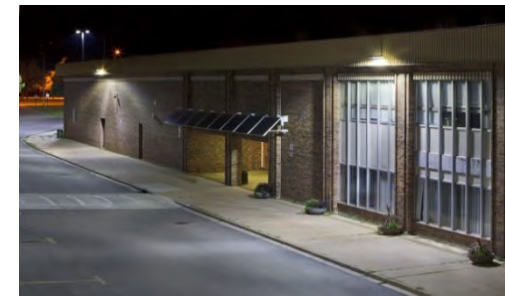
AIRPORT AIR CARGO SOLUTIONS

Maintenance

- CAG – Cargo Action Group
- Facility Repair & Improvements

Security

- Quarterly Cargo Security Meetings
- Security Enhancements:
 - Cameras
 - Lighting
 - Police patrol
 - Surveillance Equipment
 - Additional airport security staff
- Safety & Security Seminar
 - FCBF – Security Subcommittee



AIRPORT AIR CARGO SOLUTIONS

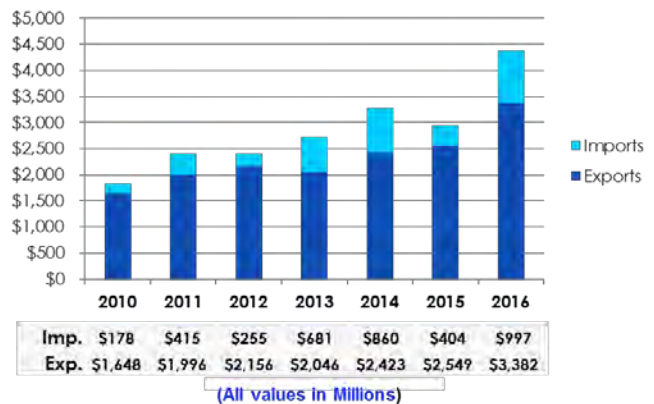
Competition: New initiatives

Pharma Hub

- IATA CEIV Certification “MIA Pharma Hub”
- Community Approach: 9 Participants
- Pharma.aero: 15 members (Global Association)



Pharma out of MIA grew (140%) between 2010-2016



Ocean – Air Program

- Perishable Demand/Improve Transit Time/Lower Cost
- Special CBP/USDA Permit/No Duties or Taxes
- Pilot Program/No Partial Shipment Allowed



Foreign Trade Zone

- Available Warehouse Space
- Attract New Types of Business/Enhance Air Service
- Diversify Revenue Stream/Create Jobs



AIRPORT AIR CARGO SOLUTIONS

How can you address some of the challenges....

- Include cargo as part of your strategic goals
- Identify funding and allocate budget to cargo projects
- Identify top issues...and fix them
- Position yourself for growth, focus on strengths, mitigate weaknesses
- Get outside help, if necessary
- Create partnerships where it makes sense
- Communicate/engage with your cargo community
- Re-evaluate and adopt to changing market conditions



THANK YOU !

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