



Florida Aviation System Plan **2035**

## Florida Air Cargo

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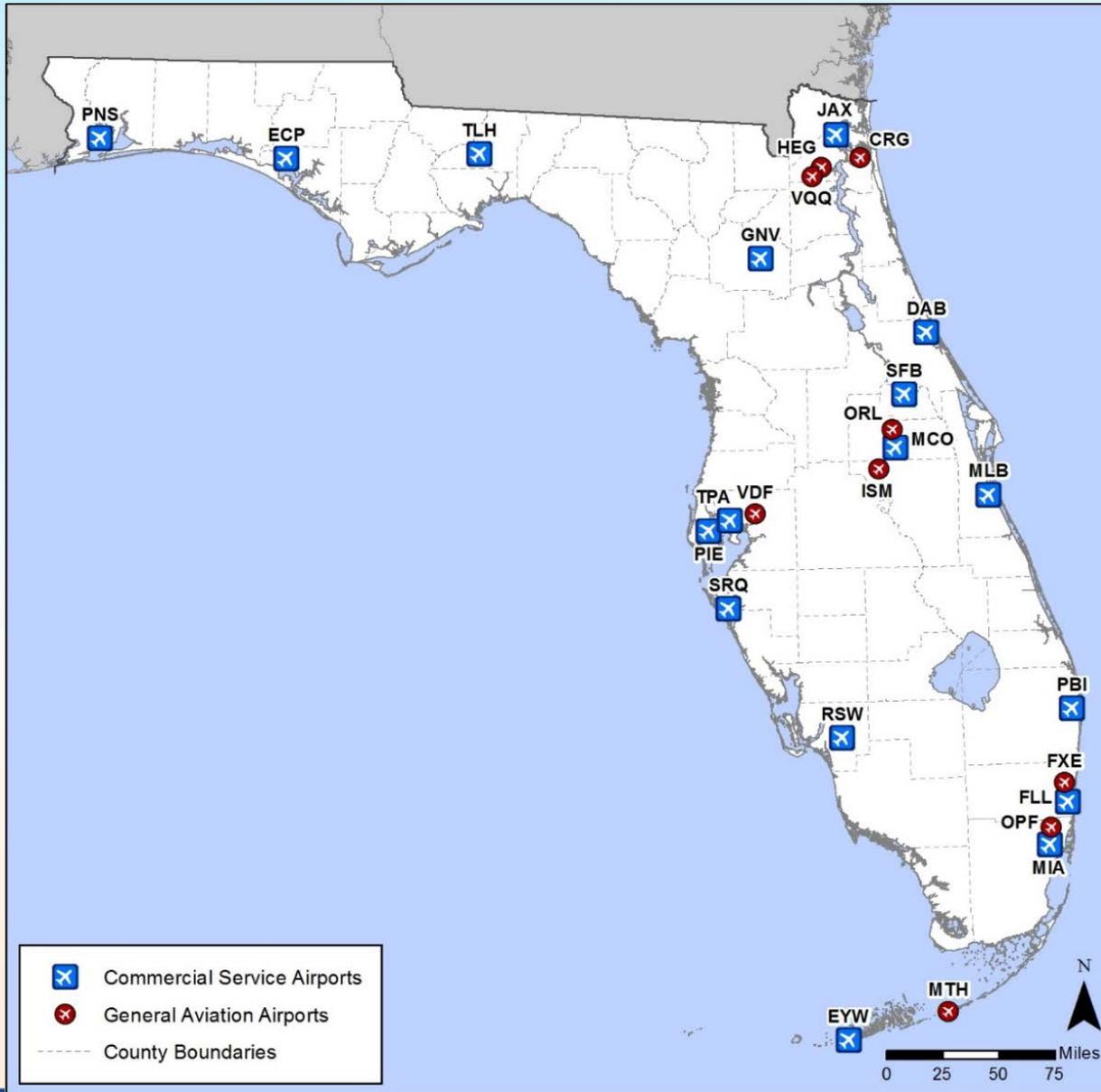
# Today's Flight Plan

- ✈ **Overview of air cargo**
- ✈ **Global and domestic air cargo trends**
- ✈ **Air cargo key participants**
- ✈ **Air cargo facilities**
- ✈ **Air cargo planning factors**
- ✈ **FDOT's Air Cargo System Plan**

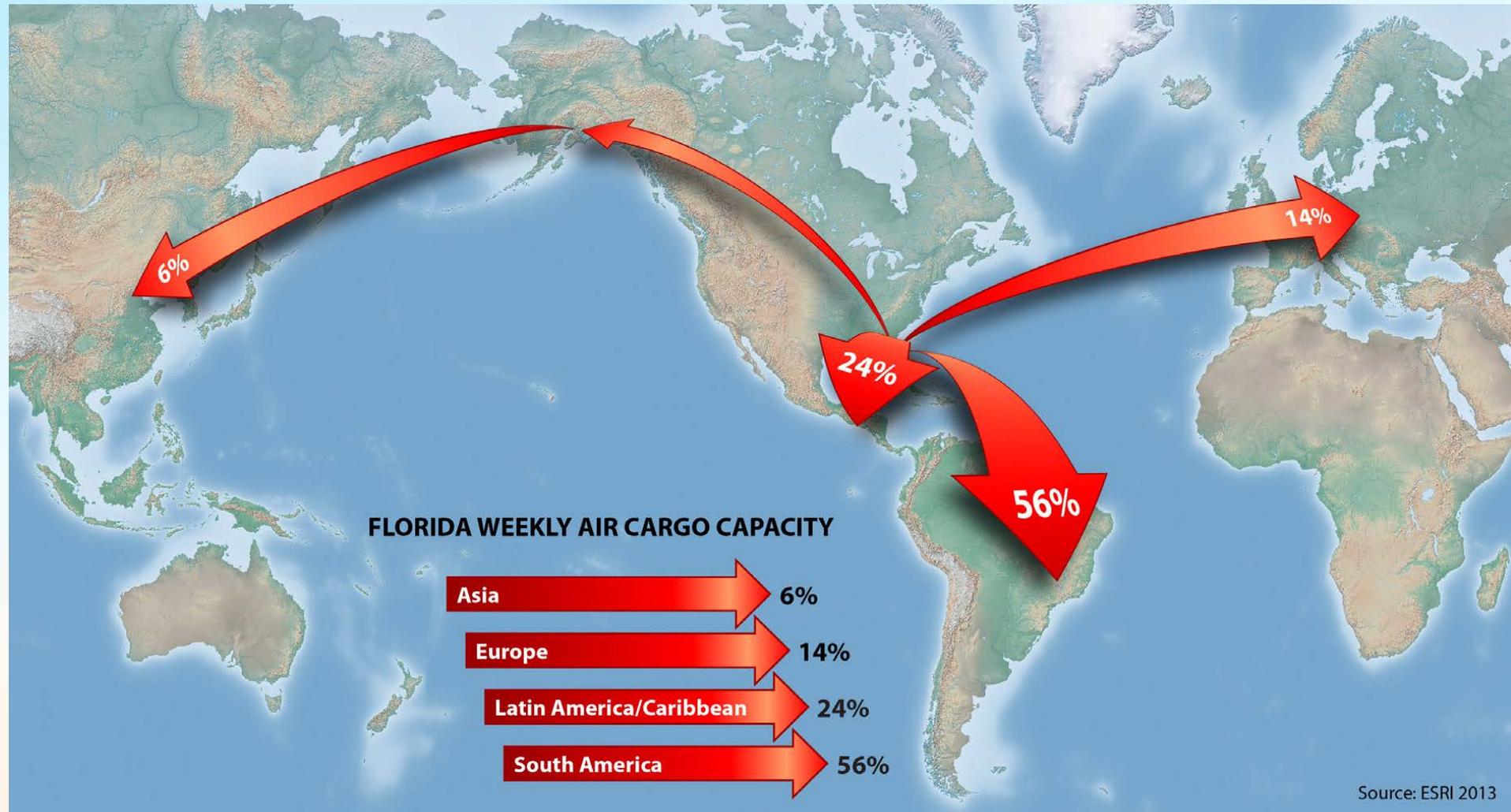
# Air Cargo in Florida

- ✈ **#1 international cargo airport in the country**
- ✈ **4<sup>th</sup> ranked state for tonnage**
- ✈ **11% market share of top 10 air cargo states**
- ✈ **36% of Florida's international trade dollars come from air cargo shipments**
- ✈ **2/3 of all perishables and 90% of all flowers imported to the U.S. come first through FL**
- ✈ **Economic impact:**
  - ✈ 129,587 jobs
  - ✈ \$5.0 Billion annual payroll
  - ✈ \$10.3 Billion annual economic impact

# Florida's Cargo Airports



# International Trade Lanes



# Air Cargo Overview

## ✈ Air cargo in Florida:

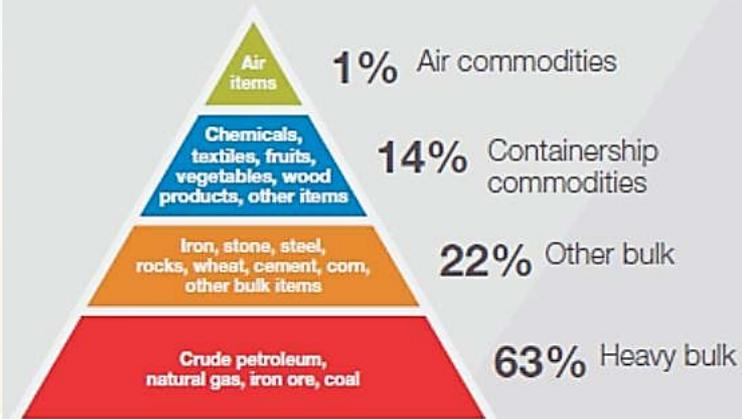
- ✈ Supports trade
- ✈ Promotes connectivity
- ✈ Improves shipment security
- ✈ Enhances industry competitiveness
- ✈ Lightweight, time sensitive, high value

## ✈ 2014 worldwide statistics:

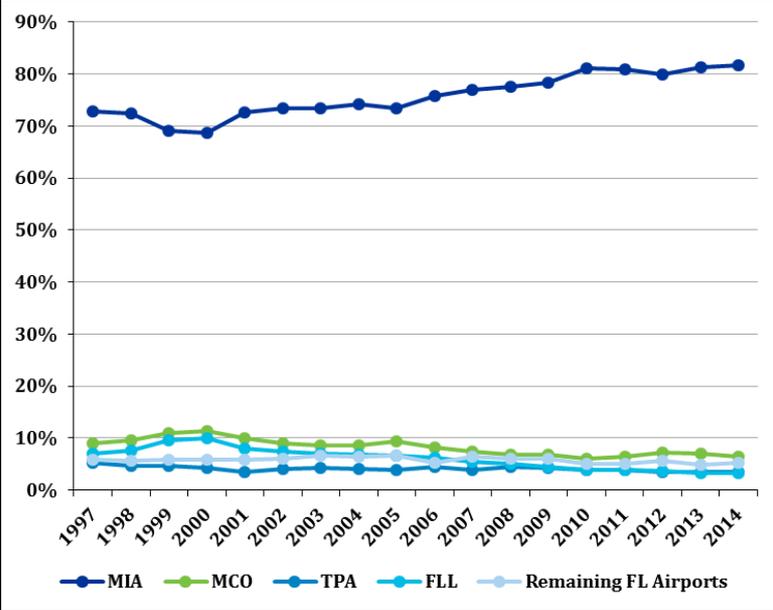
- ✈ 51.3 million metric tons transported
- ✈ <1% of world trade by weight
- ✈ >35% of world trade by value

### World trade focused on bulk commodities

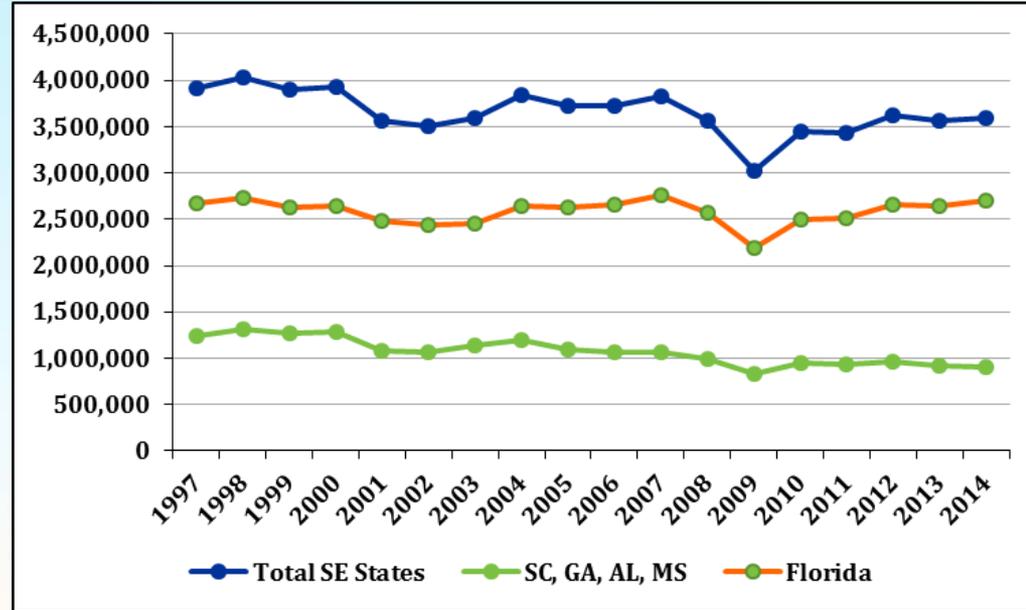
#### Commodity group classifications



# Air Cargo in the U.S. and Florida



Source: Airports Council International – North America, CDM Smith



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2014 Rank	Airport City/State/Code	Cargo Loaded and Unloaded (Metric Tonnes)
1	Memphis, TN (MEM)	4,258,531
2	Anchorage, AK (ANC)	2,492,754
3	Louisville, KY (SDF)	2,293,231
4	Miami, FL (MIA)	1,998,779
5	Los Angeles, CA (LAX)	1,816,269

Source: Airports Council International – North America

# Key Participants in the Air Cargo Industry

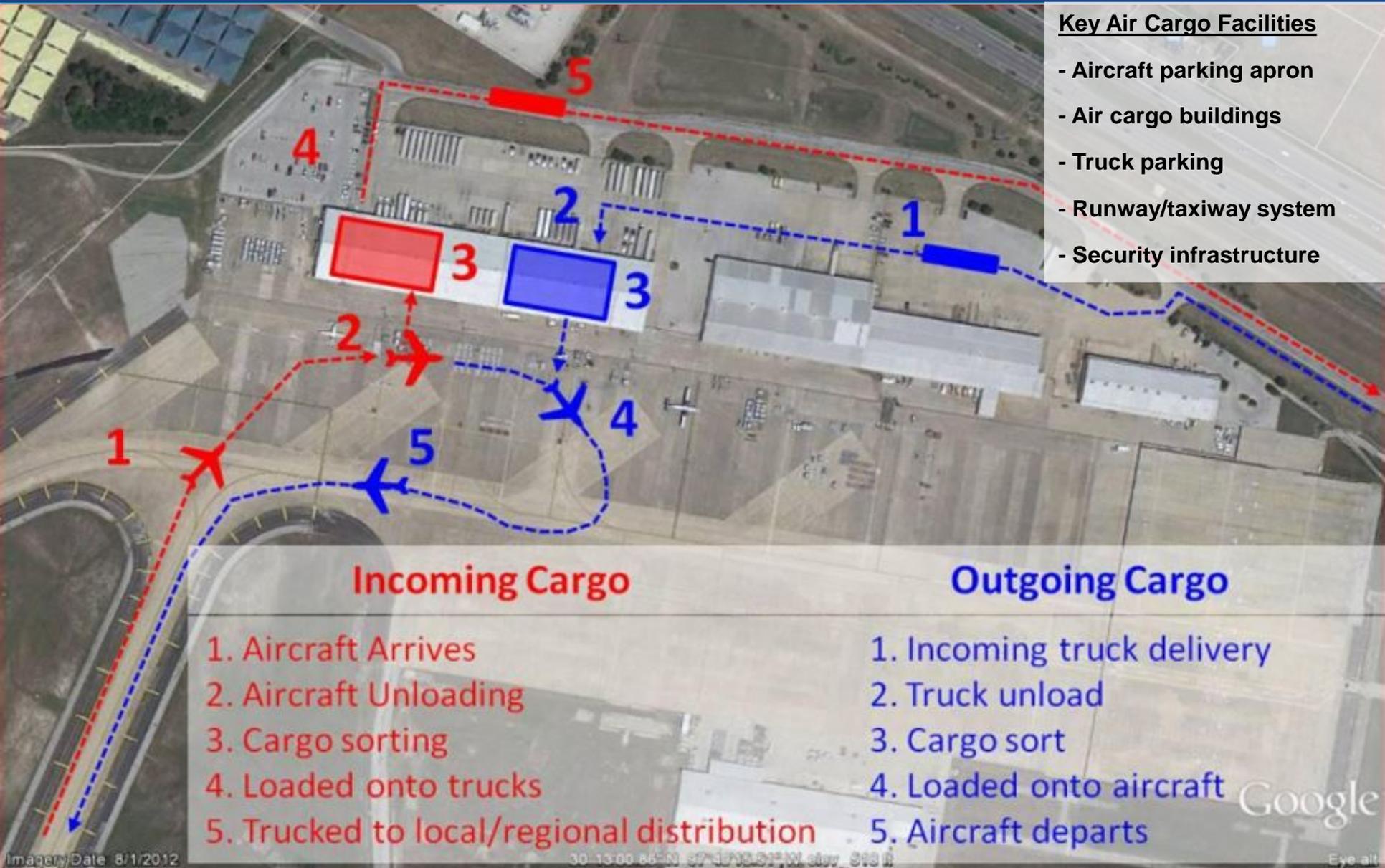
- ✈ Integrated express carriers
- ✈ **Passenger airlines**
- ✈ Combination aircraft carriers
- ✈ Aircraft, Crew, Maintenance, and Insurance (ACMI) charters
- ✈ Heavy lift cargo freighters
- ✈ **Specialized operators**
- ✈ **All-cargo carriers**
- ✈ Air forwarders



# Air Cargo Facility Flow

## Key Air Cargo Facilities

- Aircraft parking apron
- Air cargo buildings
- Truck parking
- Runway/taxiway system
- Security infrastructure



# Air Cargo Planning Factors

## ✈ Terminal

- Users
- Warehouse space
- Office space
- Utility infrastructure
- Security/Federal Inspection Services
- Maintenance

## ✈ Landside

- Truck access
- Dock access
- Access security
- Truck access
- Truck staging
- Vehicle parking
- Truck access
- Connectivity between terminals
- Highway access
- Did I mention **TRUCK ACCESS**?!

# FDOT Air Cargo System Plan

- ✈ **Examines a variety of air cargo items**
  - ➔ Industry trends (equipment, facilities, processing)
  - ➔ Air cargo influences (trade flows, what is being shipped, etc.)
  - ➔ FL-specific considerations
- ✈ **Analyzes demand, produces forecasts, develops recommendations and findings**
- ✈ **Currently being updated (now the Florida Air Cargo Study)**
  - ➔ Focus on Florida's role as a gateway to Latin America
  - ➔ Assessing potential routes to Europe and Asia
  - ➔ Complete by the end of March, 2017
- ✈ **Current plan can be found at**  
**<http://www.fdot.gov/aviation/cargo.shtm>**
- ✈ **For more information, contact Mike McClure, Aviation Environmental and Freight Manager, at**  
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# Questions?



# Thank You

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