GROUP 1

DO NOT PRINT THIS BOARD

Surrounding Airport Flight Tracks — Fort Lauderdale Elected Officials Briefing

FLL Fort Lauderdale International Airport
BCT Boca Raton Airport Authority
PMP Pompano Beach Airpark
FXE Fort Lauderdale Executive Airport
HWO North Perry Airport
OPF Miami-Opa Locka Executive Airport
MIA Miami International Airport

Arrivals and Departures
July 7-13, 2018
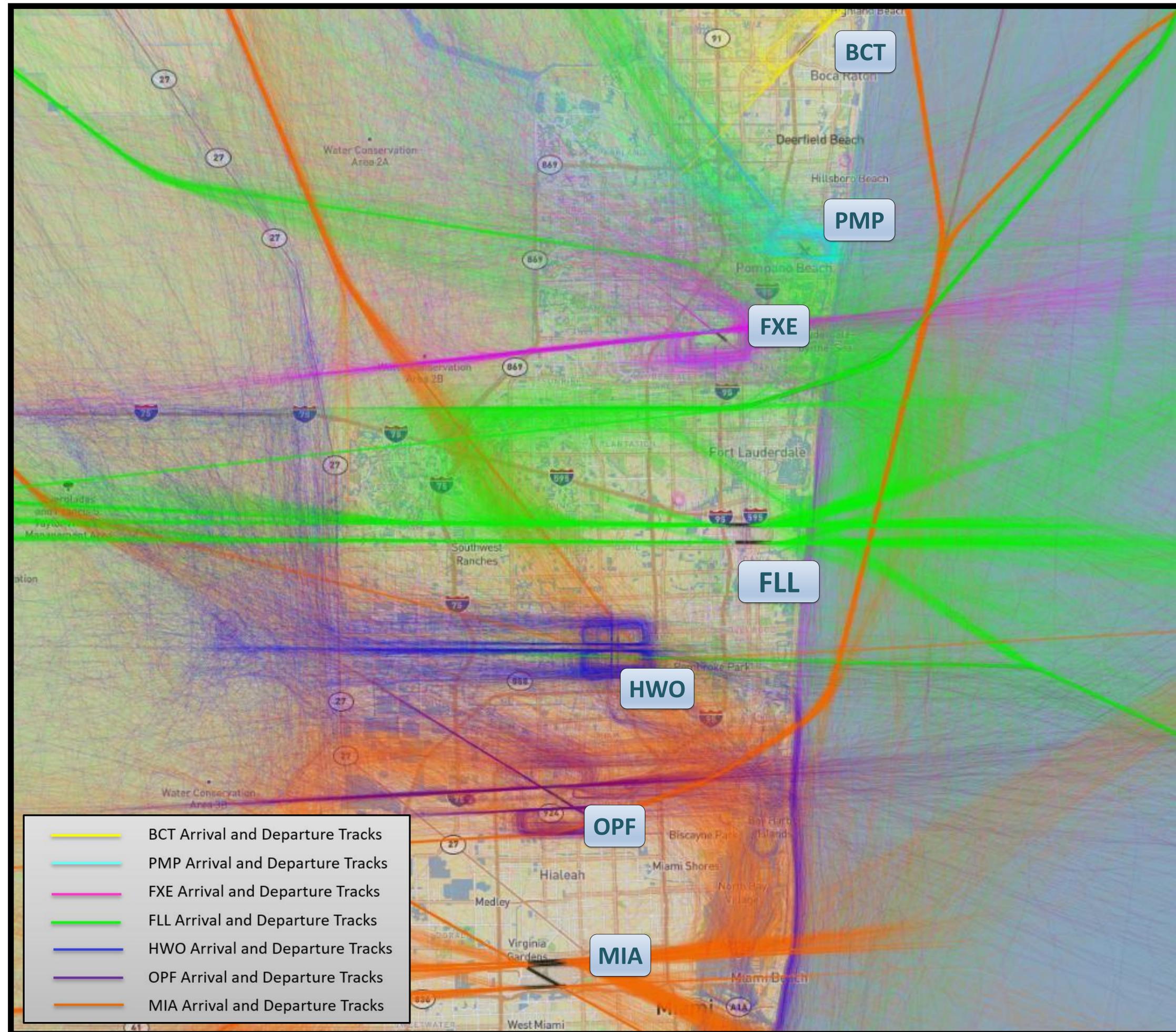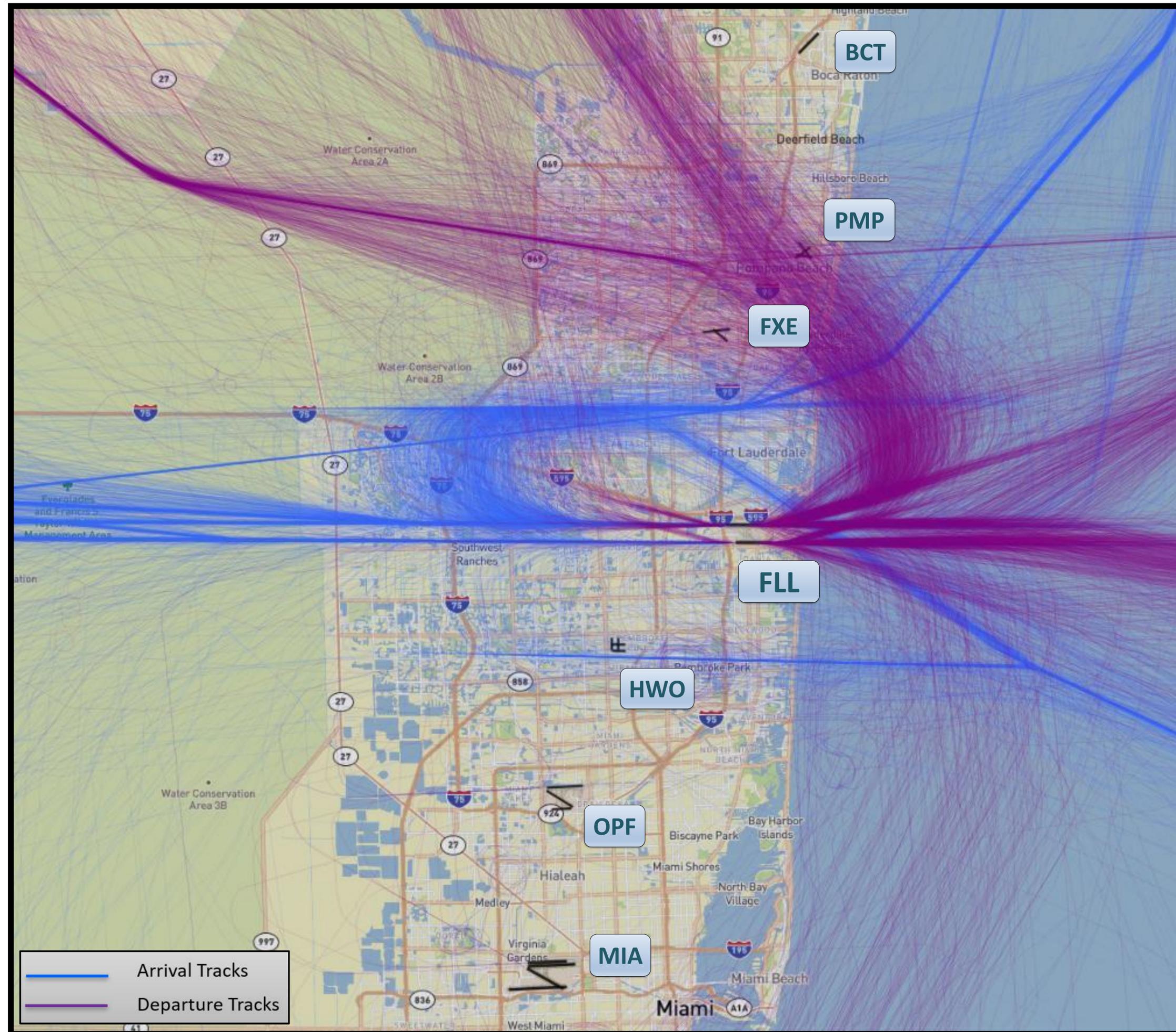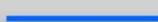
BCT Arrival and Departure Tracks
PMP Arrival and Departure Tracks
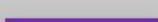FXE Arrival and Departure Tracks
FLL Arrival and Departure Tracks
HWO Arrival and Departure Tracks
OPF Arrival and Departure Tracks
MIA Arrival and Departure Tracks

December 17, 2019

www.faa.gov

FLL Fort Lauderdale International Airport

Arrivals and Departures

July 7-13, 2018

BCT

PMP

FXE

FLL

HWO

OPF

MIA

Arrival Tracks

Departure Tracks

GROUP 2

DO NOT PRINT THIS BOARD

FLL Airport Operations and Seasonality

Monthly Aircraft Operations (2016-2019)

Approx. 4% Average Growth per Year
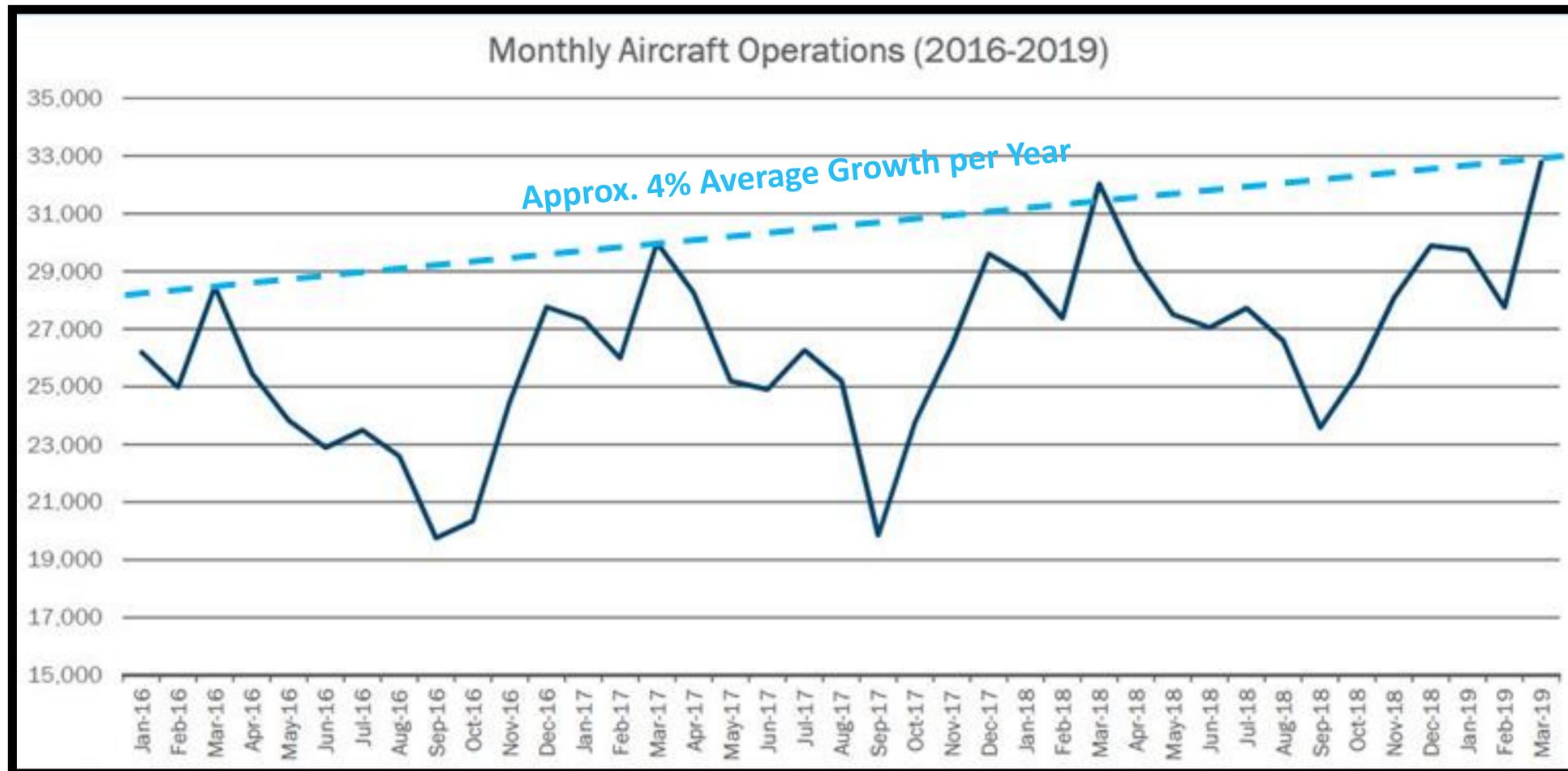
Source: FAA Air Traffic Activity System (ATADS), 2019

Surrounding Airport Flight Metrics

Airport	JuLY7-13, 2014	July 7-13, 2018	July 7-13, 2019	% Change 2014-2019	November 3-9, 2019 **
BCT	507	659	690	+36%	653
PMP	480	607	708	+48%	449
FXE	1637	1813	1852	+13%	1589
FLL	4614	6242	5868*	+27%	6179
HWO	475	677	691	+45%	660
OPF	1319	1414	1508	+14%	1391
MIA	7506	7724	7752	+3%	7643

* Period of FLL single Runway Operation
** Excluded from % Change as it is not valid comparison

GROUP 3

DO NOT PRINT THIS BOARD

Fort Lauderdale East Arrivals

Fort Lauderdale Elected Officials Briefing

FLL Fort Lauderdale International Airport

Arrival Operations
July 7-13, 2018

Weston

Southwest Ranches

Runway 10L

Runway 10R

FLL

— Arrival Tracks to Runway 10L
   1975 Flights
— Arrival Tracks to Runway 10R
   891 Flights

December 17, 2019

www.faa.gov
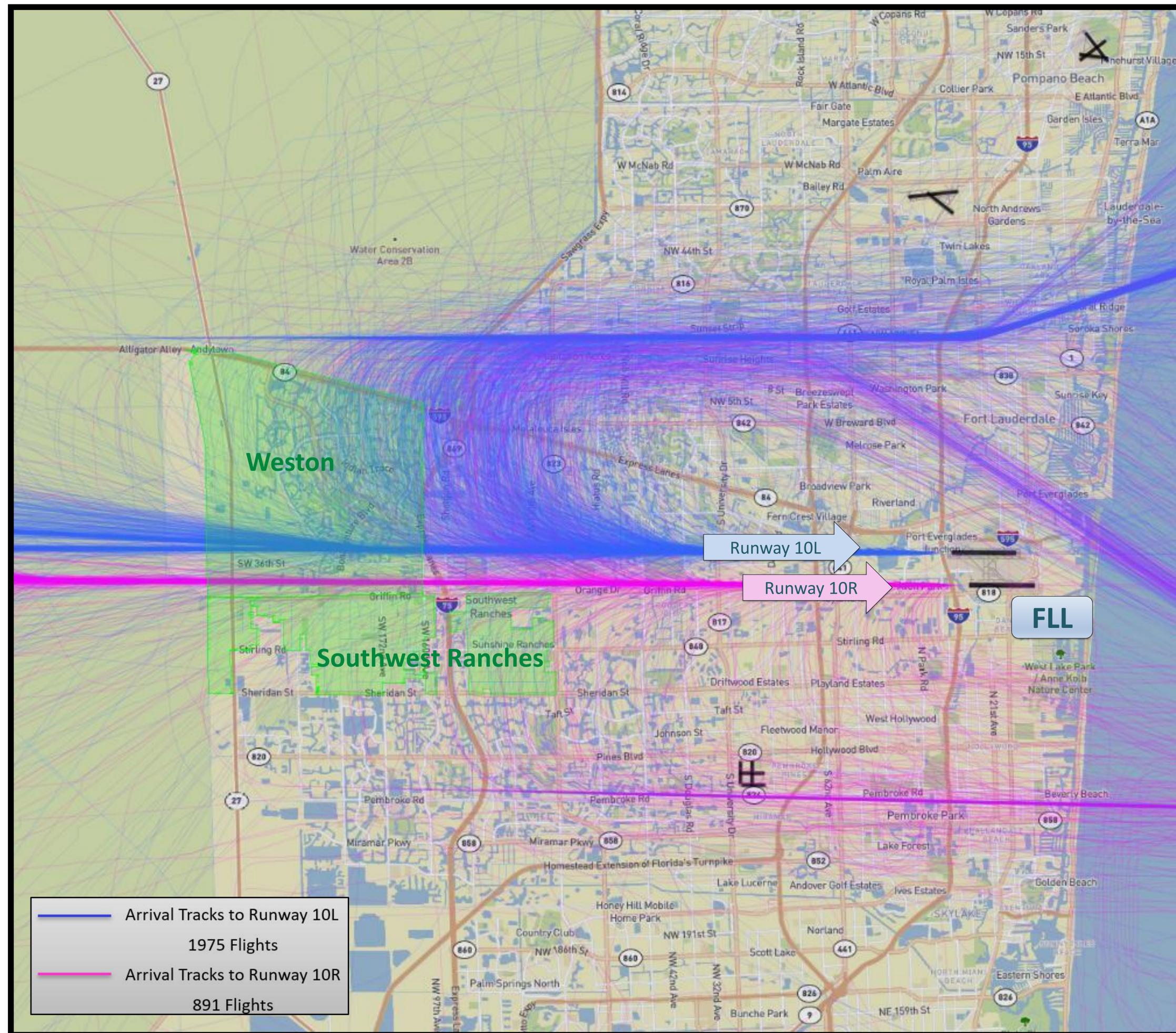
FLL Fort Lauderdale International Airport

Instrument Approaches

ILS LOC Runway 10L and Runway 10R

ILS/LOC RWY 10R

4000

3000

ILS/LOC RWY 10L

2500

1800

1800

560

560

FLL

BEZER   BLAIM   LORII   ZALAL
PIONN   NOVAE   PAKEE

Weston

ATAC

HOLID   PIONN   NOVAE   PAKEE

ILS LOC RWY10L

ILS LOC RWY10R

FLL

Weston

BUNKR   BEZER   BLAIM   LORII   ZALAL

Southwest Ranches

ILS LOC Runway 10L

ILS LOC Runway 10R

Overflights At or Below 2,900 ft
Fort Lauderdale Elected Officials Briefing

FXE
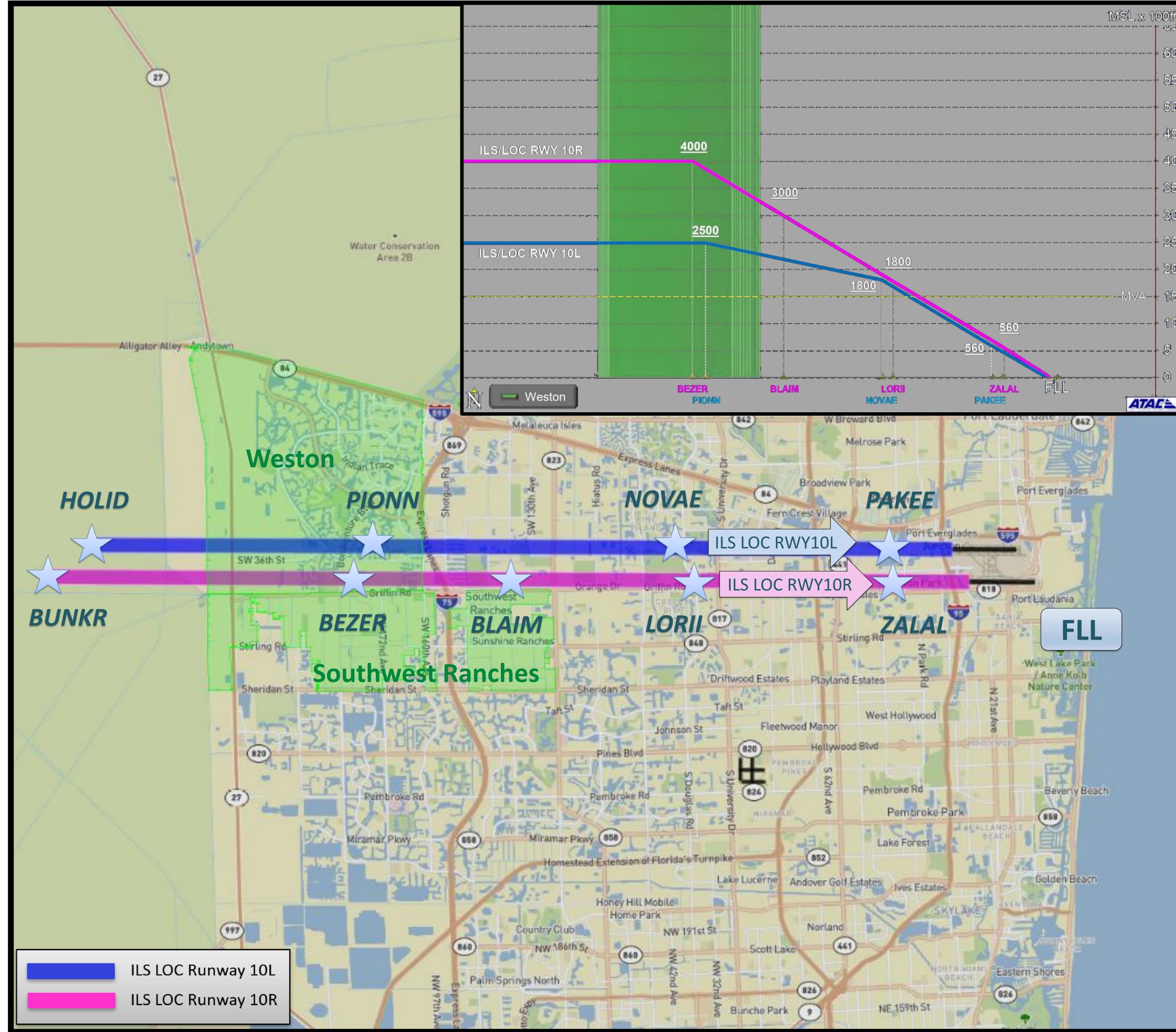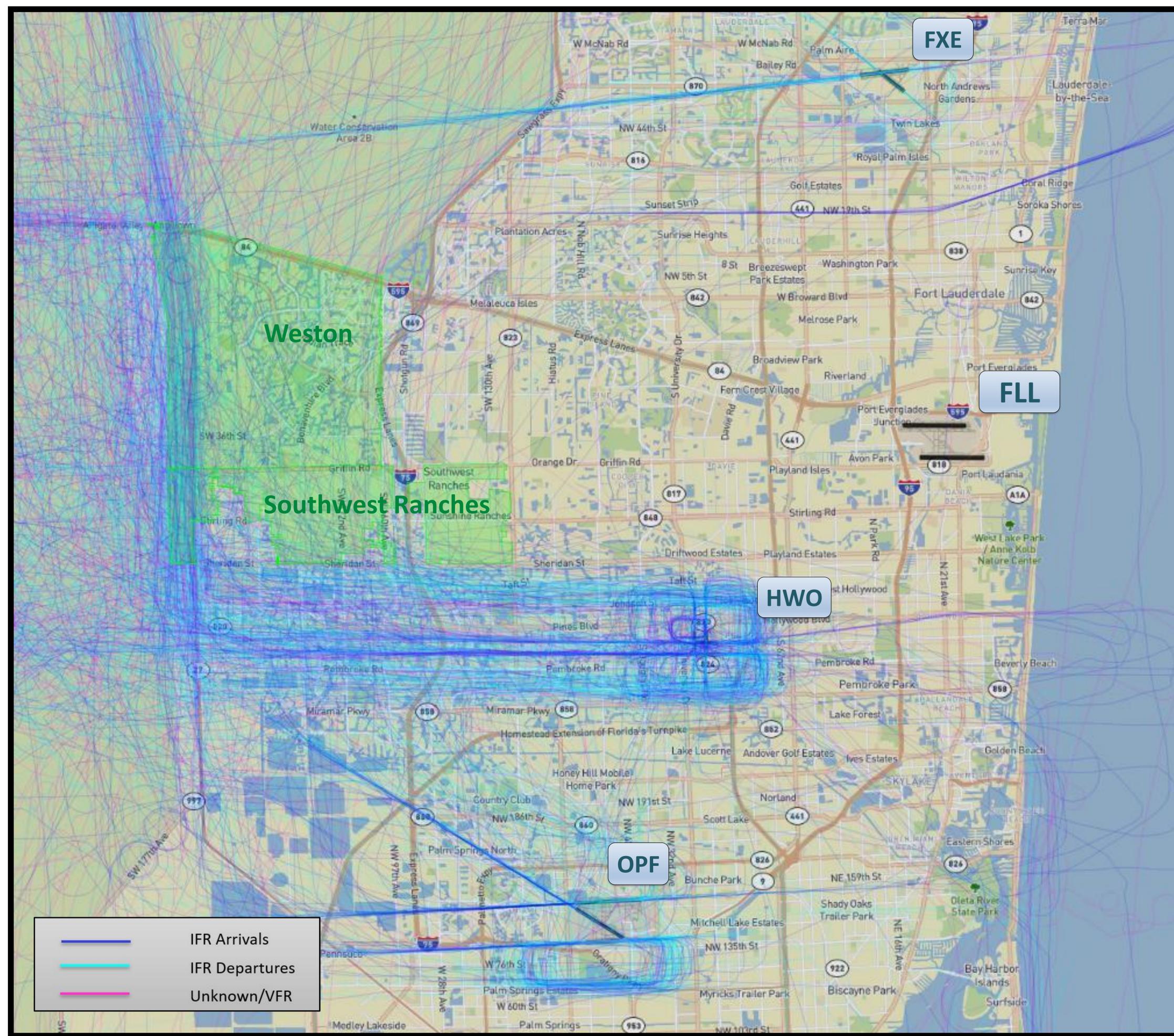
FLL Fort Lauderdale International Airport
FXE Fort Lauderdale Executive Airport
HWO North Perry Airport
OPF Miami-Opa Locka Executive Airport

Overflights at or Below 2,900ft
July 7-13, 2018

Weston
Southwest Ranches
FLL
HWO
OPF

IFR Arrivals
IFR Departures
Unknown/VFR

December 17, 2019
www.faa.gov

GROUP 4

DO NOT PRINT THIS BOARD

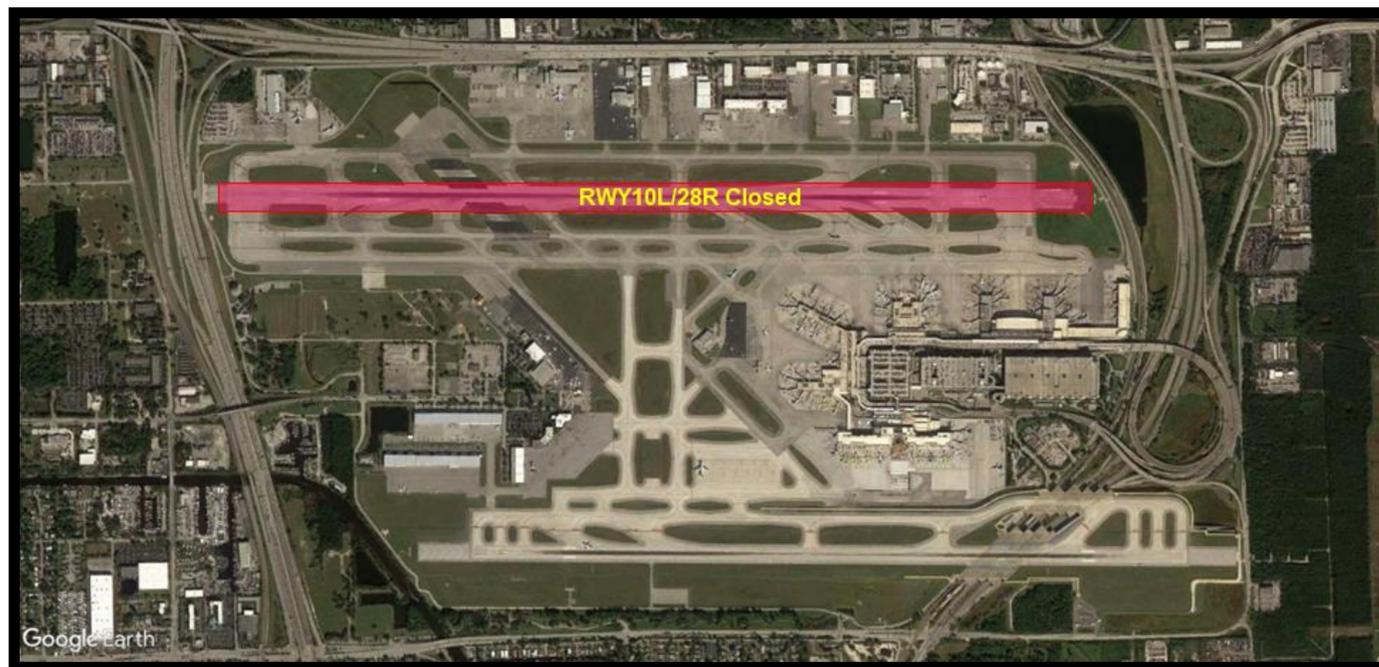# October 2012

Before runway extension

July 2018

After runway extension

July 2019

North runway closure

November 2019

Current state

GROUP 5

DO NOT PRINT THIS BOARD

Metroplex Project Goals

WHAT DOES THIS PROJECT HOPE TO ACHIEVE?

Take advantage of Performance Based Navigation by implementing procedures that will help enhance the safety and efficiency of the airspace.

Provide deconfliction of arrivals and departures for airports in close proximity to one another, allowing for independent operations at each airport.

Reduce conflicts in routes between Florida airports, and in routes connecting Florida to other national and international destinations.

Improve air traffic flow and efficiency, in order to keep pace with the growth in aviation and tourism in Florida.

WHY ARE WE DOING THIS PROJECT?

The existing departure and arrival procedures do not take full advantage of modern technology. The project will replace outdated systems with satellite-based technology.

Improve the predictability of air traffic flows to enhance safety and efficiency while reducing the workload for air traffic controllers and pilots.

Reduce airspace constraints associated with restricted military airspace, general aviation operations, space vehicle launches, and drones.

Provide environmental benefits by reducing carbon emissions and aircraft fuel consumption.
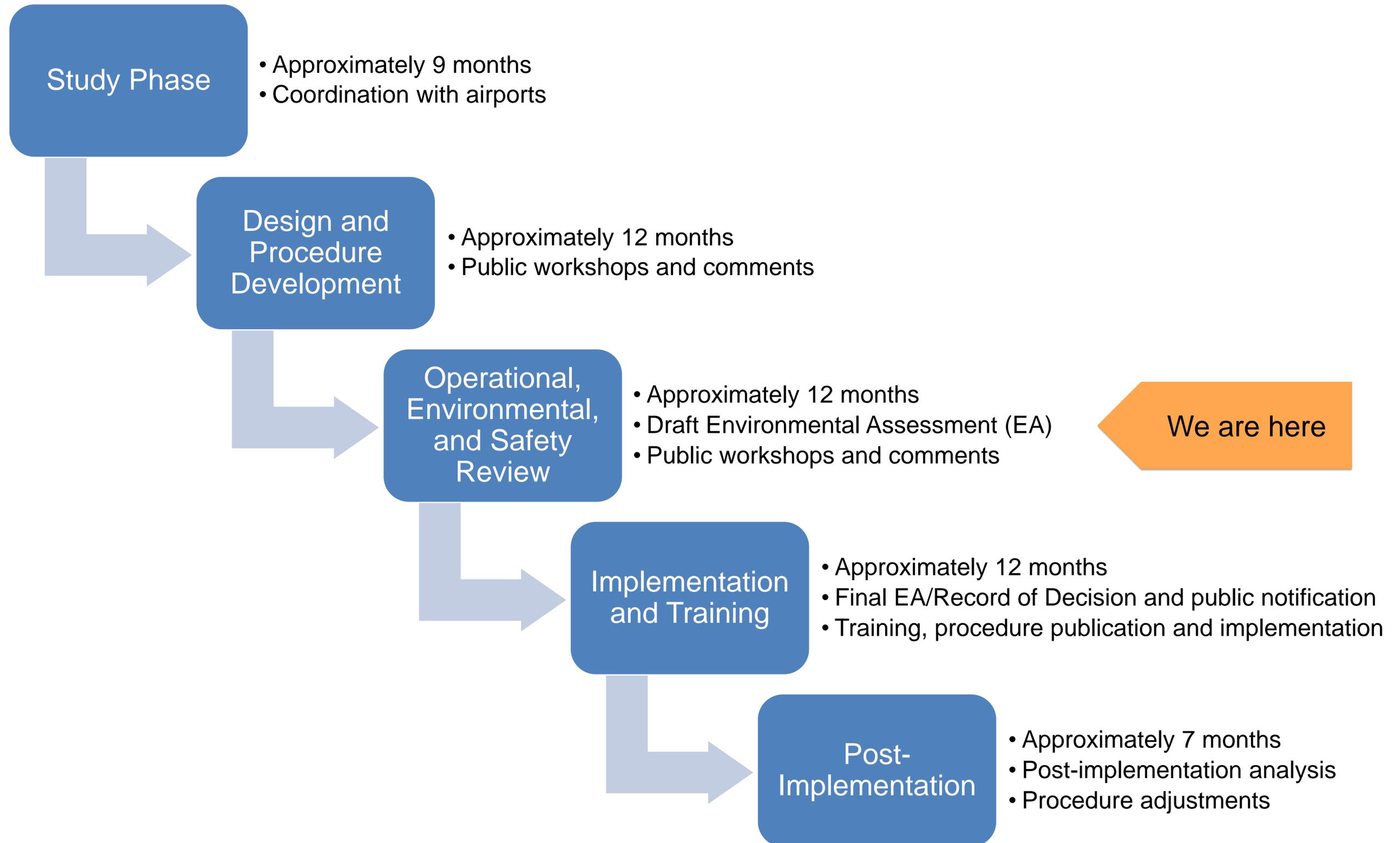
TERMINOLOGY

RNAV Area Navigation	**SID** Standard Instrument Departure	**STAR** Standard Terminal Arrival Route

Metroplex Project Phases

Study Phase
- Approximately 9 months
- Coordination with airports

Design and Procedure Development
- Approximately 12 months
- Public workshops and comments

Operational, Environmental, and Safety Review
- Approximately 12 months
- Draft Environmental Assessment (EA)
- Public workshops and comments

We are here

Implementation and Training
- Approximately 12 months
- Final EA/Record of Decision and public notification
- Training, procedure publication and implementation

Post-Implementation
- Approximately 7 months
- Post-implementation analysis
- Procedure adjustments

For more information please visit: https://www.faa.gov/air_traffic/community_involvement/florida/