

# South-Central Florida Metroplex

## Closeout and Handoff for Eastern Service Center effective June 30, 2022

Presented to: PBI Leadership  
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Date: June 22, 2022



Federal Aviation  
Administration



National Air Traffic  
Controllers Association

# Project Timelines

- ❖ **Study Team Final Report September 28, 2012**
- ❖ **Design Team Kickoff October 7, 2014**
- ❖ **Q and Y Route Implementation November 2018**
- ❖ **Q and Y Post Implementations January and May 2020**
- ❖ **Phase 1 Implementation April 2021**
- ❖ **Phase 2 Implementation August 2021**
- ❖ **Post Implementations December 2021 and May 2022**



# Challenges

- ❖ **Project Size**
- ❖ **4 Core 30 Airports**
- ❖ **Expansion of Project to Include Q and Y Routes**
- ❖ **Government Shutdowns**
- ❖ **Changes of Co-Leads and POCs**
- ❖ **Project Rescoping**
- ❖ **Multiple Implementations**
- ❖ **Metroplex Program Termination Date**



# Challenges

## ❖ Covid 19 protocols

- Remote meetings
- Facilities at reduced staffing levels
- Managing facility availability on revised schedules
- Training conducted with social distance
- Conducting virtual public workshops (first time for the FAA)
- Flight Check Inspection Schedule delays
- All FAA and contract Support Staff telework
- No face-to-face meetings for 2 years



# Implementation Overview

## ❖ November 18, 2018 Q and Y Route Implementation

- 23 Q-Routes, 44 Y-Routes

## ❖ Q and Y route Post Implementations

- January 30, 2020- 5 Q Routes amended, 9 Y Routes amended, 1 M Route amended and 4 new Y Routes
- May 21, 2020- 11 Q Routes amended, 10 Y Routes amended, 5 L Routes amended and 1 M Route amended



# Implementation Overview

## ❖ April 22, 2021 Implementation

- Implemented 11 T-Routes, 6 RNAV STARs, 4 RNAV SIDs, 9 Standard Instrument Approach Procedures (SIAPs)

## ❖ August 12, 2021 Implementation

- Implemented 27 RNAV STARs, 34 RNAV SIDs, 3 Conventional STARs, 2 Conventional SIDs, 29 Standard Instrument Approach Procedures



# Implementation Overview

## ❖ December 2, 2021 Post Implementation

- Amended 12 RNAV STARs, 9 RNAV SIDs, 1 new RNAV SID, 1 Conventional STAR

## ❖ May 19, 2022 Post Implementation

- Amended 29 RNAV STARs, 5 new RNAV STARs, 23 RNAV SIDs, 11 New RNAV SIDs, 1 Conventional STAR, 3 Conventional SID, 1 SIAP, 1 T Route



# MIA Post Implementation Changes Scheduled For July 14, 2022

## ❖ Amend TTYLR Conventional STAR

## ❖ Amend SIAPS

- ILS OR LOC RWY 26L – Added GPS initial segment RHODZ to CIDUN
- LOC RWY 26R - Added GPS initial segment from RHODZ to TERRI
- RNAV (GPS) RWY 26R - Added initial segment from RHODZ to TERRI
- RNAV (GPS) Y RWY 26L– Added GPS initial segment RHODZ to CIDUN
- RNAV (GPS) RWY 9 - PFAF DOXSI replaced with INESS and moved 12 feet west to align with ILS





# MIA Post Implementation Changes Scheduled For September 8, 2022

## ❖ Procedure

- Amend FROGZ3

# MIA Post Implementation Changes Scheduled For November 3, 2022

## ❖ Procedures

- Amend BHHIA3, TEEKY3, BNFSH3, KYAKS3, OLAHS3 RNAV STARs
- Amend NNOCE2, BNGOS3, FRSBE2 RNAV SIDs



# FLL Post Implementation Changes Scheduled For November 3, 2022

## ❖ Procedures

- Amend FLL BHHIA, TEEKY, KYAKS, OLAHS  
STARs and FLL FRSBE SID



# F11 Post Implementation Changes Scheduled For September 8, 2022

## ❖ Procedures

- Amend T210, T343, T336, T339,  
T345, T347, T353 T Routes

# F11 Post Implementation Changes Scheduled For November 3, 2022

## ❖ Procedures

- Amend MCO PRICY, ALYNA and GRNCH  
STARs



# TPA Post Implementation Changes Scheduled For September 8, 2022

## ❖ Procedures

- Amend T210, T341, T343
- Delete T337

# TPA Post Implementation Changes Scheduled For November 3, 2022

## ❖ Procedures

- Amend PBI DADES1 and MAATY4 RNAV  
STARs
- Amend DORMR3 RNAV SID



# PBI Post Implementation Changes Scheduled For July 14, 2022

## ❖ Amend TTYLR Conventional STAR

## ❖ Amend SIAPS

- RNAV (GPS) Y RWY 14 - Changed FAF from ZABTA to RIBEE and FAF altitude from 1100 to 1500, added JEMAL HIL
- RNAV (RNP) Z RWY 32 – Correction to BEKAH Intermediate segment for criteria. Added REEEL WP as SDF within LIDRE to RUMDE intermediate segment and COBAC/REEEL WP'S as SDF's within BEKAH TO RUMDE intermediate segment
- ILS OR LOC RWY 28R – Remove SDF CAFEN
- RNAV (GPS) Y RWY 28R - Remove SDF CAFEN
- RNAV (RNP) RWY 10L – Correct speed restriction at SANZZ



# PBI Post Implementation Changes Scheduled For September 8, 2022

## ❖ T-Routes

- Amend T336, T345 and T347

# PBI Post Implementation Changes Scheduled For November 3, 2022

## ❖ Procedures

- Amend PBI WELLY SID



# MITRE BENEFITS ANALYSIS



# South-Central Florida Metroplex Closeout

- ❖ Florida Metroplex will officially closeout on June 30, 2022
- ❖ All change documentation has been fully submitted and is as described in this presentation
- ❖ After closeout, any changes need to go through the process outlined in FAA Orders 7100.41 and 8260.43
- ❖ All pertinent documentation from the project will be provided to Eastern Service Center and the FAA Southern Regional Administrator
- ❖ Team members may still be available after closeout for information or questions





# FAA Internet Resources

South-Central Florida Metroplex Environmental

[http://metroplexenvironmental.com/fl\\_metroplex/fl\\_introduction.html](http://metroplexenvironmental.com/fl_metroplex/fl_introduction.html)

South-Central Florida Metroplex KSN

[Florida Metroplex Homepage - Home \(faa.gov\)](http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/advanced/)

IFP – Published procedures, publication plan, forms for future procedures

[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/procedures/](https://www.faa.gov/air_traffic/flight_info/aeronav/procedures/)

Terminal Procedures – Forms for published procedures

[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/digital\\_products/dtpp/search/advanced/](https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/advanced/)

PilotWeb – NOTAMs

<https://pilotweb.nas.faa.gov/PilotWeb/>



# THANK YOU

We appreciate the positive attitude and assistance everyone has provided, which led to a highly successful implementation, recognized at all levels.

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