



AGENDA
FERNANDINA BEACH CITY COMMISSION
WORKSHOP
APRIL 2, 2024
5:00 PM
CITY HALL COMMISSION CHAMBERS
204 ASH STREET
FERNANDINA BEACH, FL 32034

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. PLEDGE OF ALLEGIANCE**
- 4. DISCUSSION**
 - 4.1 JACKSONVILLE INTERNATIONAL AIRPORT - CLASS C AIRSPACE MODIFICATION -**
Airport Director Sam Carver will provide a presentation on the Jacksonville International Airport's proposed Class C airspace modification.
- 5. ADJOURNMENT**

ANY PERSON WISHING TO APPEAL ANY DECISION MADE BY THE COMMISSION WITH RESPECT TO ANY MATTER CONSIDERED AT SUCH MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDINGS, AND, FOR SUCH PURPOSES, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS MADE. AT THE DISCRETION OF THE MAYOR, A RECESS MAY BE SCHEDULED EVERY NINETY MINUTES.

Persons with disabilities requiring accommodations in order to participate should contact the City Clerk at (904) 310-3115 or TTY/TDD 711 (for the hearing or speech impaired).

CITY COMMISSION AGENDA ITEM
City of Fernandina Beach



SUBJECT: Discussion
Jacksonville International Airport - Class C Airspace Modification

ITEM TYPE: Discussion

REQUESTED ACTION:

SYNOPSIS: The Jacksonville International Airport (JIA) wishes to expand their Class C airspace, which will impact Fernandina Beach Municipal Airport airspace. JIA's desire to expand airspace is driven by multiple factors including: unidentified aircraft with unverified mode C altitudes transitioning and loitering on the edge of the existing Class C causing Instrument Flight Rule (IFR) to Visual Flight Rule (VFR) conflicts with arrivals and departures; IFR to VFR conflicts are resulting in un-stabilized approaches and TCAS Resolution Advisories; and VFR departures from FHB climbing into the JAX RWY 26 final resulting in immediate conflict alerts.

FISCAL IMPACT: N/A

CITY ATTORNEY COMMENTS: N/A

CITY MANAGER RECOMMENDATION(S): At the pleasure of the City Commission.

Sam Carver, Airport Director

Kim Briley, Deputy City Clerk

Charles George, Interim City Manager

Caroline Best

Date: March 18, 2024

Submitted By: Caroline Best, City Clerk

COMMISSION ACTION:



Ad Hoc Committee

Proposed JAX Class C Modification



**Federal Aviation
Administration**

February 28, 2024

Agenda

- Meeting Procedures
- Introductions
- Class C Modification Process
- Ad Hoc Committee Expectations
- JAX Class C Proposal
- Discussion/Q&A



Meeting Procedures & Introductions

Ad Hoc Committee – JAX Class C Modification

Meeting Procedures & Introductions

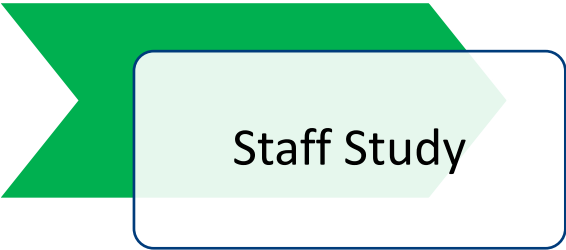
- Bathrooms, Exit Route, Wifi, etc
- Questions or Comments
 - Virtual attendees please use “Raise Hand” feature
 - Virtual attendees also use the Q&A option in Zoom
 - Attendees in person, hold questions until the end of each section
- Introductions
 - Name
 - Company

Class C Modification Process

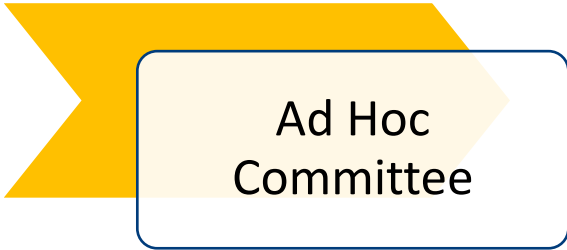
Ad Hoc Committee – JAX Class C Modification



Class C Modification Process



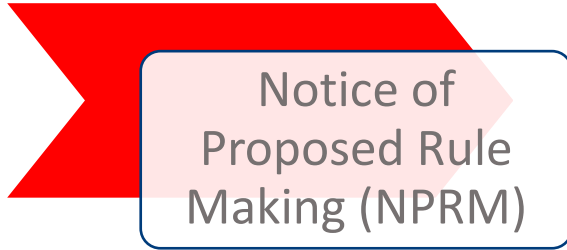
Staff Study



Ad Hoc
Committee



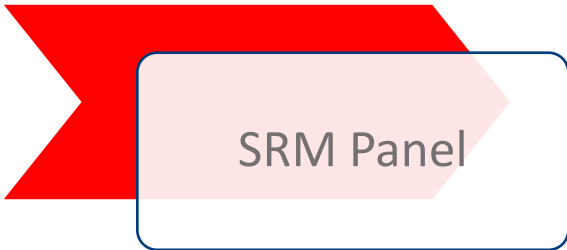
Informal
Airspace
Meeting(s)



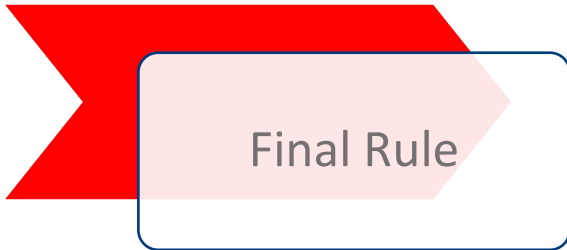
Notice of
Proposed Rule
Making (NPRM)



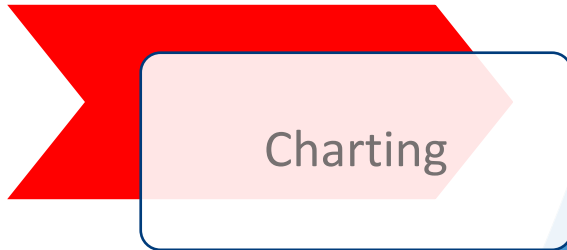
Environmental
Review



SRM Panel



Final Rule



Charting

Ad Hoc Committee Overview

Ad Hoc Committee – JAX Class C Modification

Ad Hoc Committee- Purpose

- FAA JO 7400.2P Chapter 14, Section 2
- Allow Local Users to Present Input and Recommendations to the FAA before the Informal Airspace Meeting and publication in an NPRM

Ad Hoc Committee – Scope of Ad Hoc Committee

- The purpose of the Ad Hoc committee meeting is to obtain recommendations from aviation stakeholders.
- Intent –
 - Propose an airspace design that meets stakeholder needs, while maintaining the safety and efficiency of the NAS
 - Provide input on how the committee believes the airspace should be designed and why
- Not intended to –
 - Attempt to deconstruct or confute the current proposed design
 - Address other airspace or procedural enhancement actions outside of the proposed design

Ad Hoc Committee - Actions

- Elect a Chairperson
- Meet as Needed to Develop Recommendations
 - Limit Focus to Address Specific Airspace Issue
- Submit Written Report Documenting Recommendations to FAA Service Center

Ad Hoc Committee – FAA Role

- Technical Advisor or Subject Matter Expert Only
- Provide Information on ATC Procedures, Operations and Safety Issues
- Brief Purpose and Need for Proposed Airspace Modification
- Not a Voting Member
- Not Responsible for Committee Operation or Development of Recommendations

JAX Class C Proposal

Presented by Jacksonville Air Traffic Control Tower and TRACON (JAX)



**Federal Aviation
Administration**

February 28, 2024

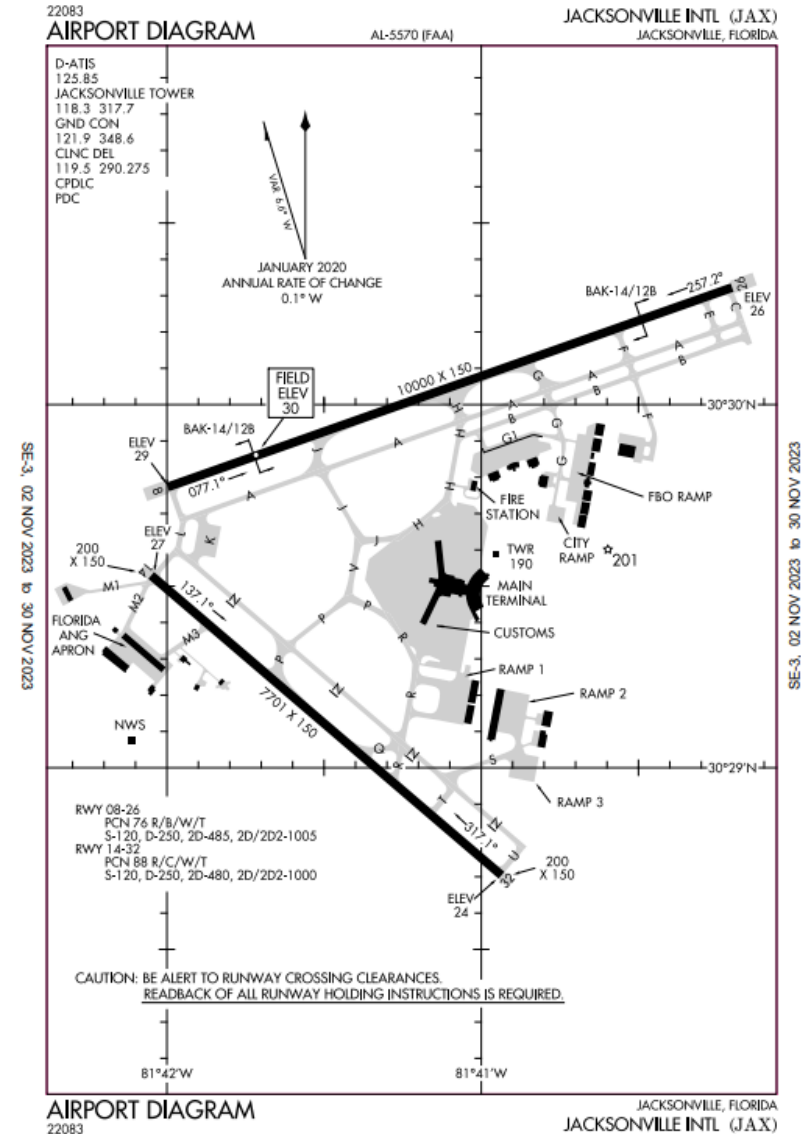
Background Information

Traffic Increase and Flow

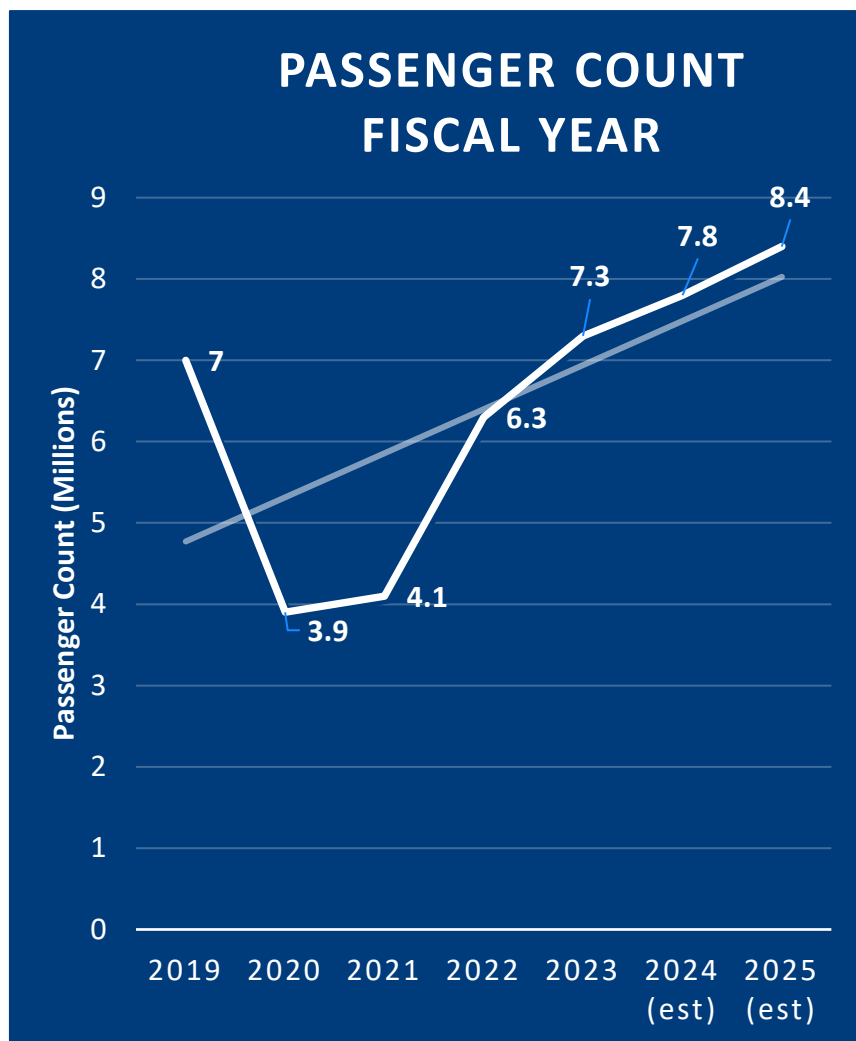


Overview

- 2023 Class C Airspace operations 105,000.
- 2023 Facility operations 500,000.
- 26 passenger terminal gates.
- 2 cargo ramps (UPS and Fedex)
- Fidelity, CSX, Embraer and Malone Air Charter have multiple aircraft based at JAX and operate numerous flights each day.
- Florida Air National Guard currently operates a squadron of F15's and will transition to F35's in 2024.



Enplanements and Deplanements



- JAX passenger count is forecast to increase approximately 3% per year.
- Passenger count between 2022 and 2023 exceeded the forecast at 13%.
- Fiscal Year 2024 has already shown an 8% increase over 2023.

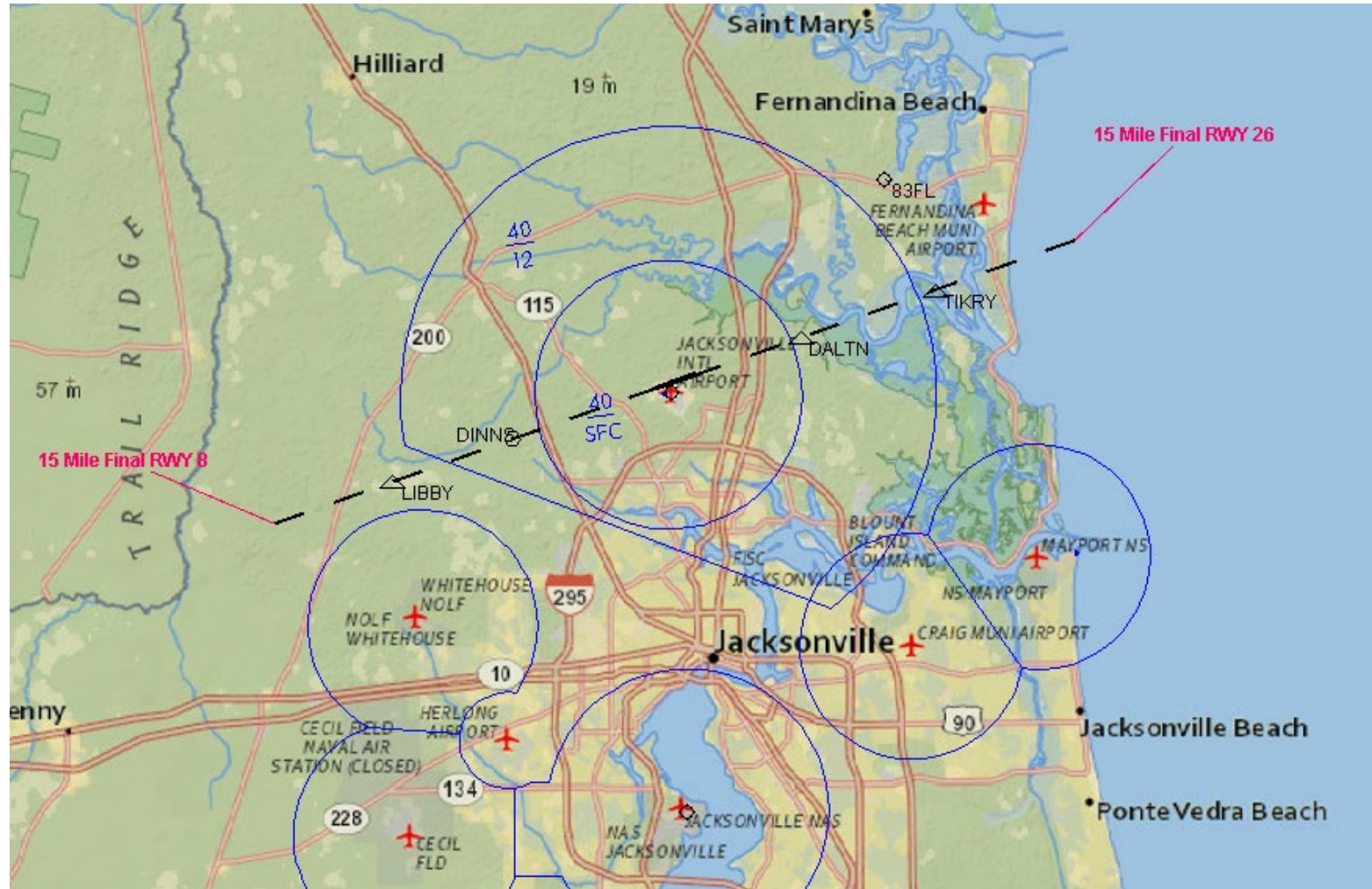
- *Source:*

- *APO TAF Quick Data Summary Report – JAX*
- *JAA Enplanement Report (11/16/2023)*

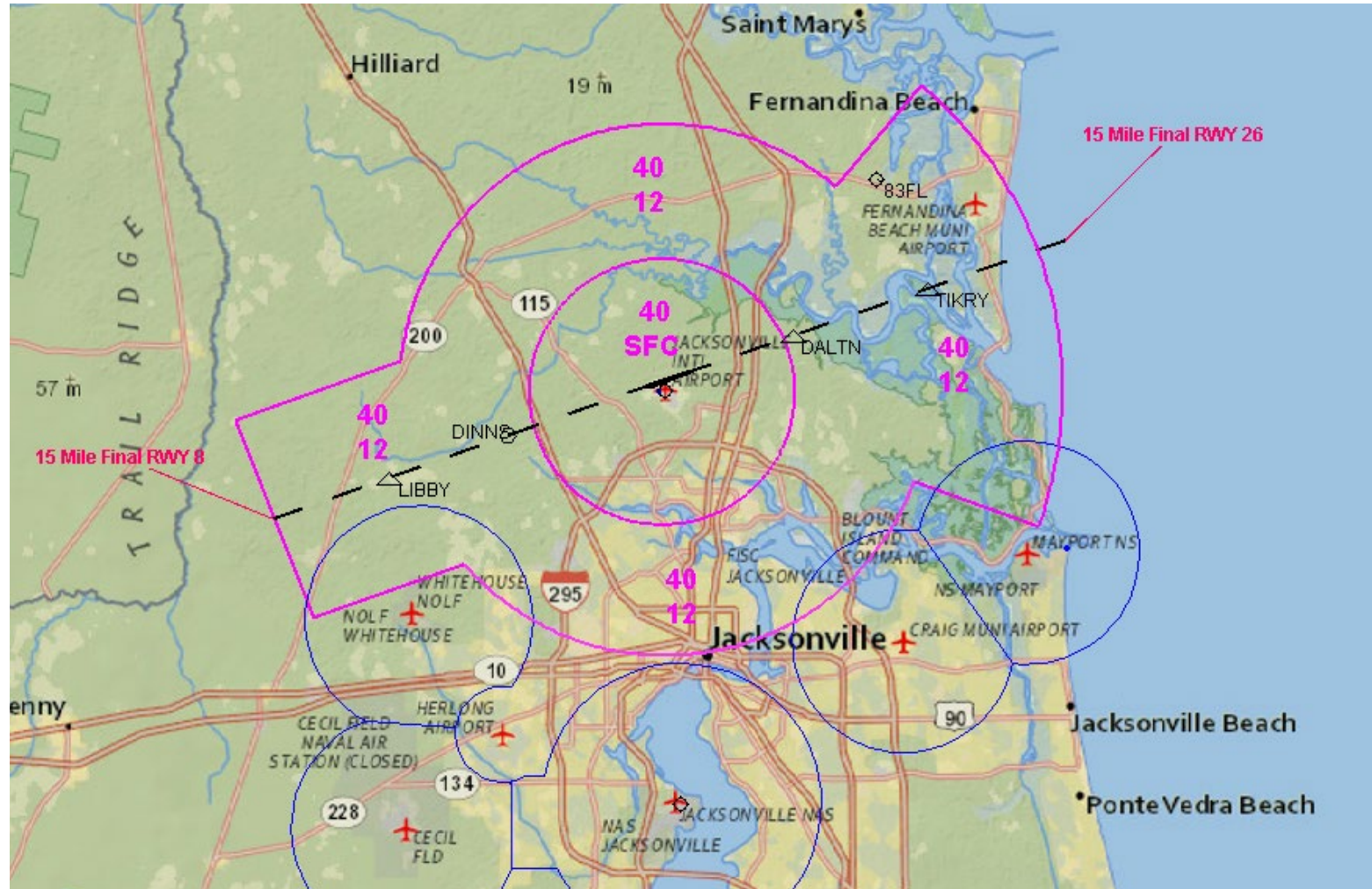
Nearby Airports and Airspace

- Jacksonville Executive Airport at Craig (CRG) is the nations eighth busiest contract tower in 2023 with over 195,000 annual operations. 3rd in the state.
 - CRG is home to over 6 flight training schools including ATP and the Jacksonville University flight training program.
- Fernandina Municipal Airport (FHB) is located 12 NM east of JAX and currently conducts approximately 60,000 annual operations.
- Cecil Spaceport (VQQ), Herlong Recreational Airport (HEG) and Navy Jacksonville (NIP) are located 15 NM southwest of JAX.
- NAVY Mayport (NRB) operates a fleet of H60's and is now home to the NAVY's MQ-4 Triton UAV.
- All 6 Satellite airport operations totaled approximately 500,000 annual operations in 2023.

Current Class C



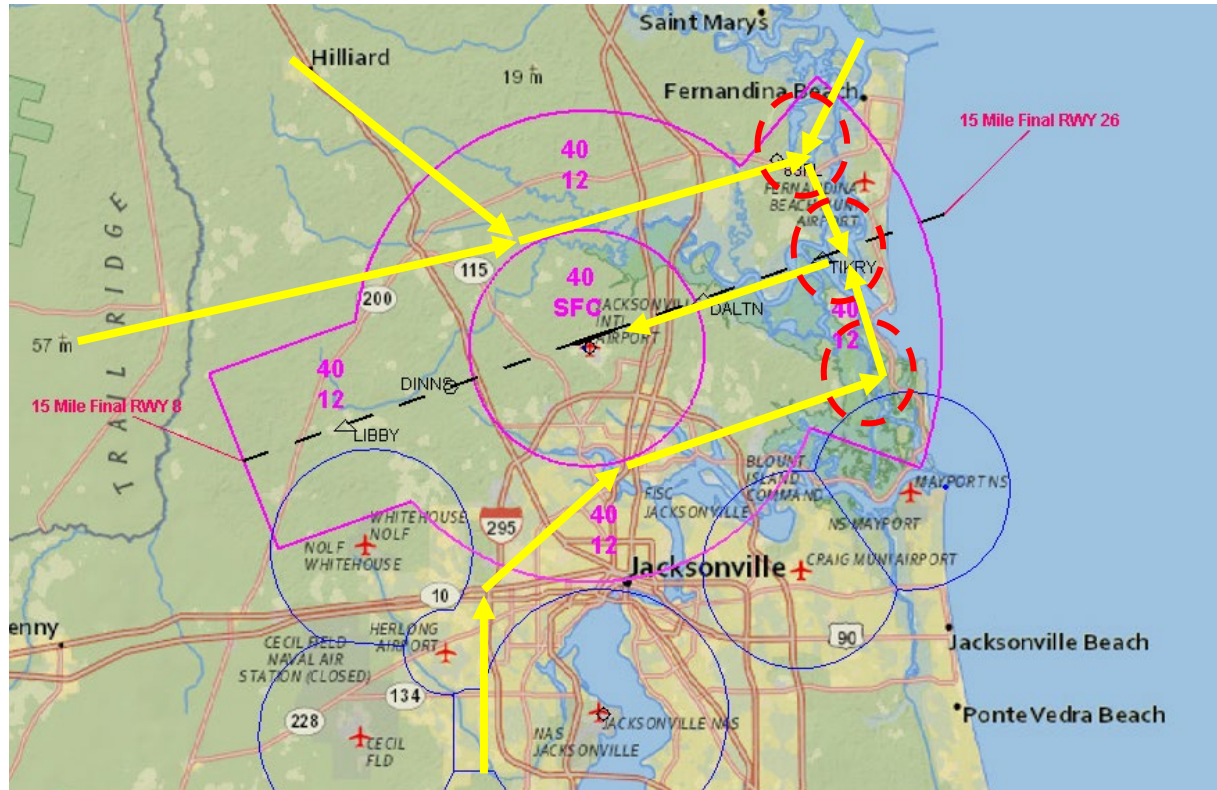
Proposed Class C



Why?

- Unidentified aircraft with unverified mode C altitudes transitioning and loitering on the edge of the existing Class C causing IFR to VFR conflicts with JAX arrivals and departures.
- IFR to VFR conflicts are resulting in un-stabilized approaches and TCAS Resolution Advisories.
- VFR departures from FHB climbing into the JAX RWY 26 final resulting in immediate conflict alerts.
- Over 200 conflicts recorded in 4 months
 - Not every conflict was reported. Reporting was voluntary unless a Mandatory Occurrence Report (MOR) was generated.

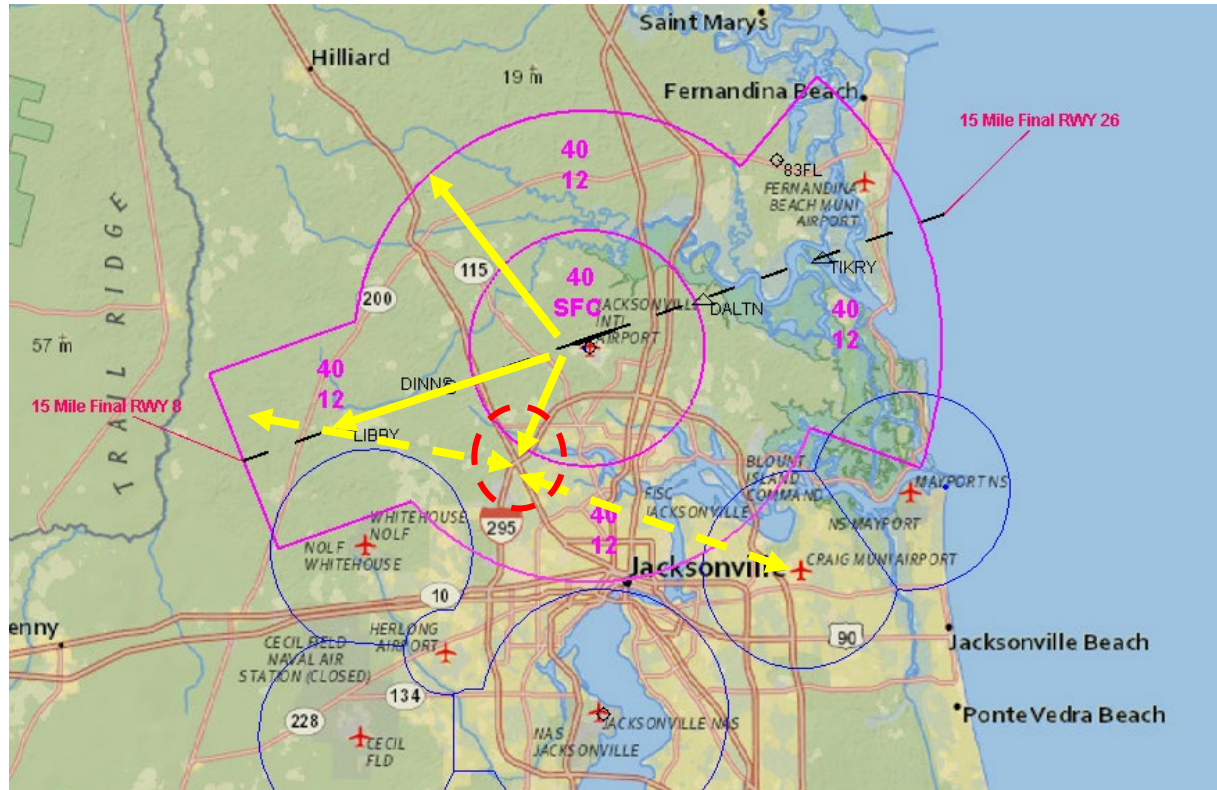
JAX Runway 26 Arrivals



3 Hot Spots

- Each Circle represents an area known to have an increased risk for IFR/VFR conflicts.
- These areas are currently used for VFR traffic transitioning north and south along the beach as well as VFR practice areas.

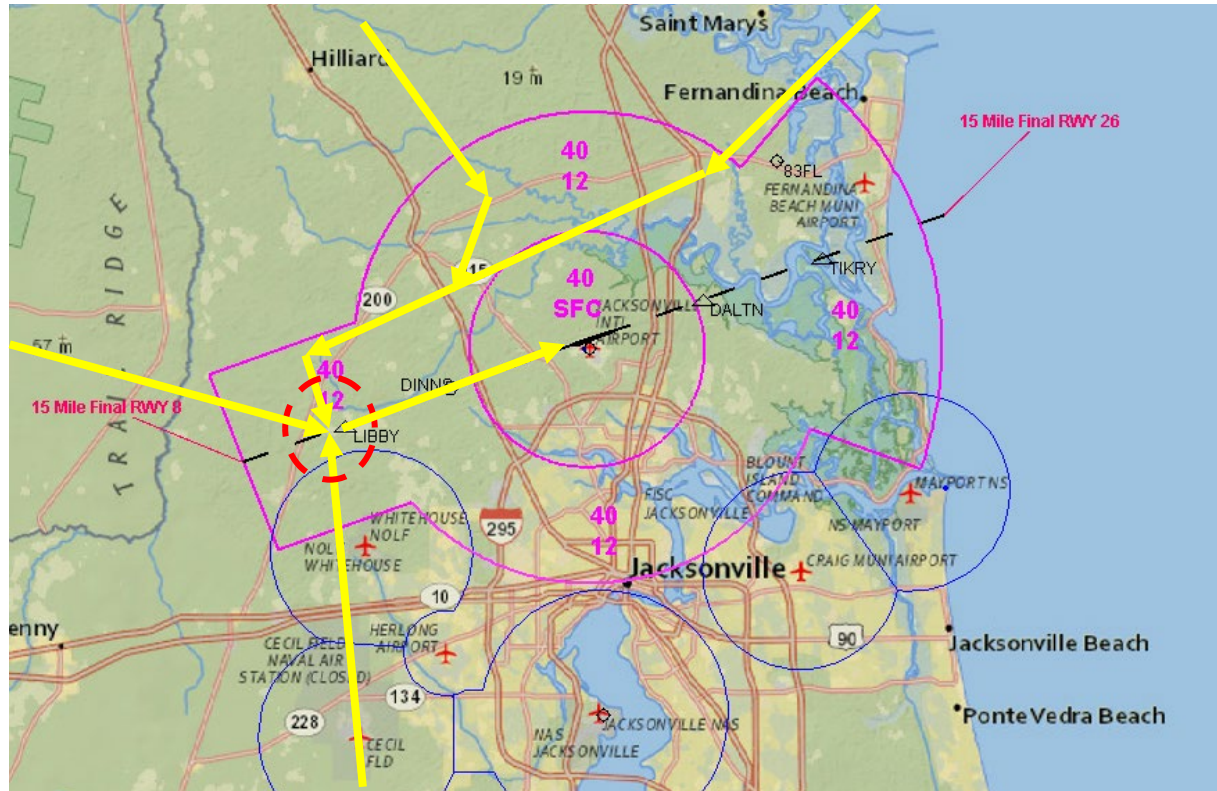
JAX Runway 26 Departures



Hot Spot

- The solid yellow line represents IFR southbound departures from JAX.
- The dashed yellow line represents the typical VFR departure and arrival corridor to and from CRG.
- The Proposed extension still allows for this VFR corridor but allows for JAX departures to climb above the VFR traffic.

JAX Runway 8 Arrivals



Hot Spot

- The red circle represents an area known to have an increased risk for IFR/VFR conflicts.
- The dashed yellow line represents the typical VFR departure and arrival corridor to and from CRG.

VFR Overflights Squawking 1200 (3/14/2023 8am-8pm)



JAX Arrivals RWY 26 (3/14/2023 8am-8pm)



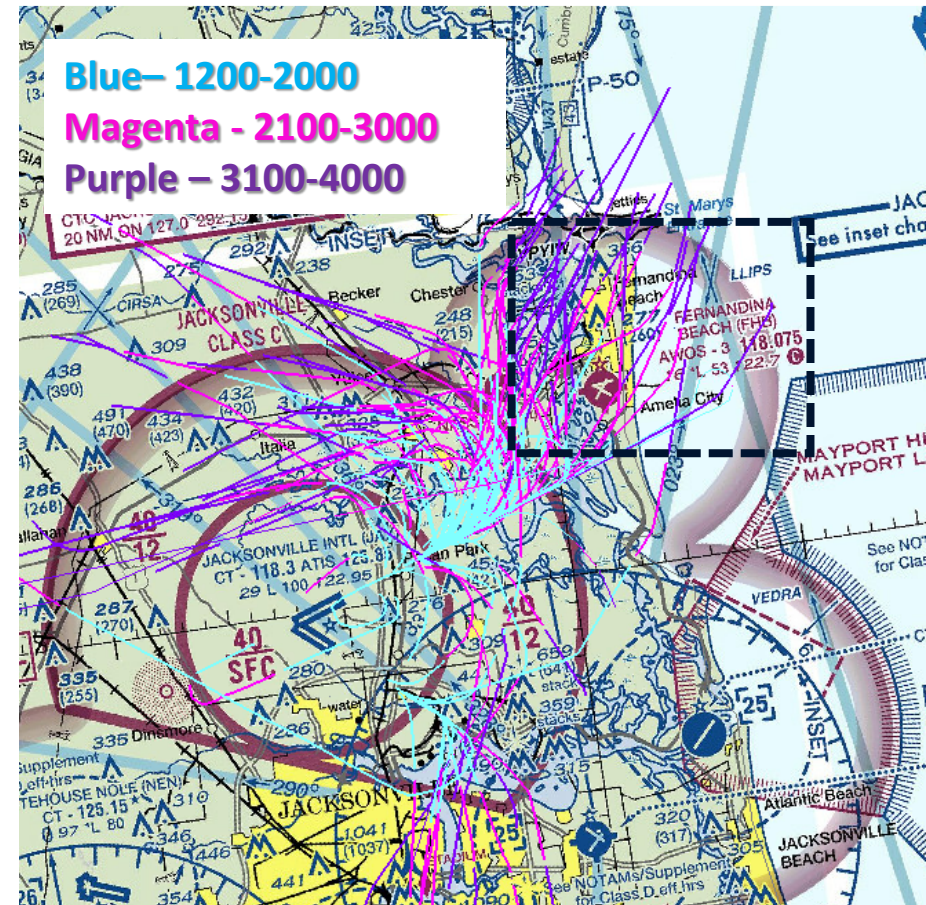
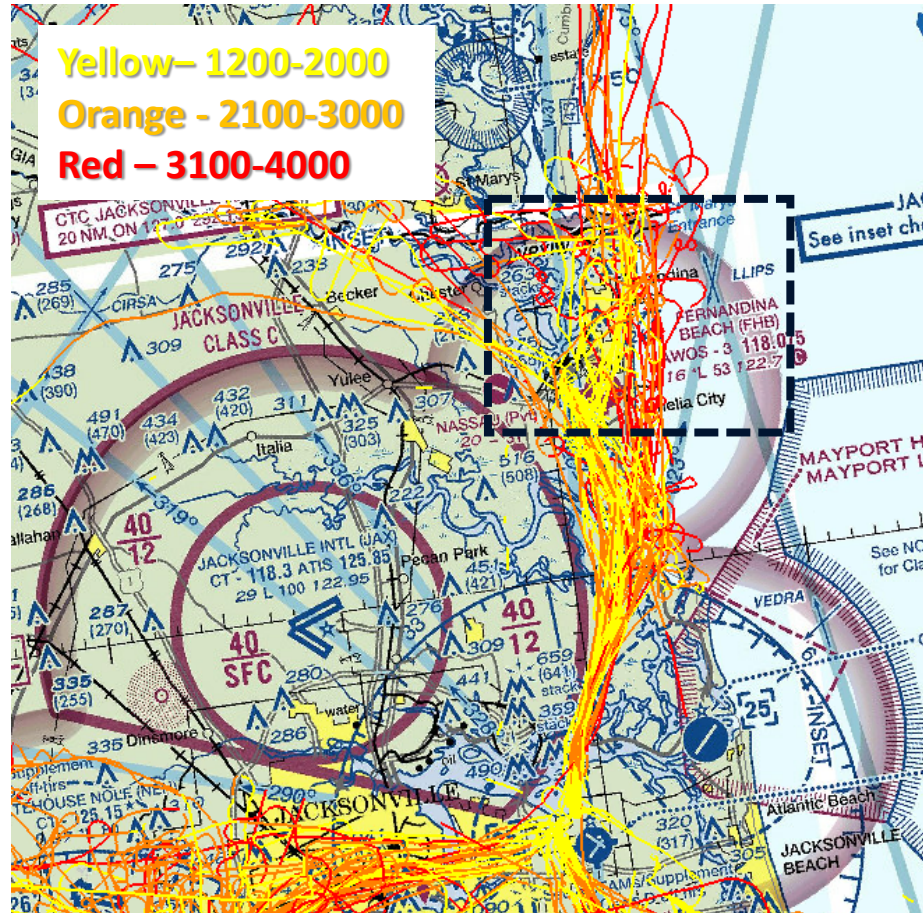
VFR Overflights 1200-4000 (3/14/2023 8am-8pm)



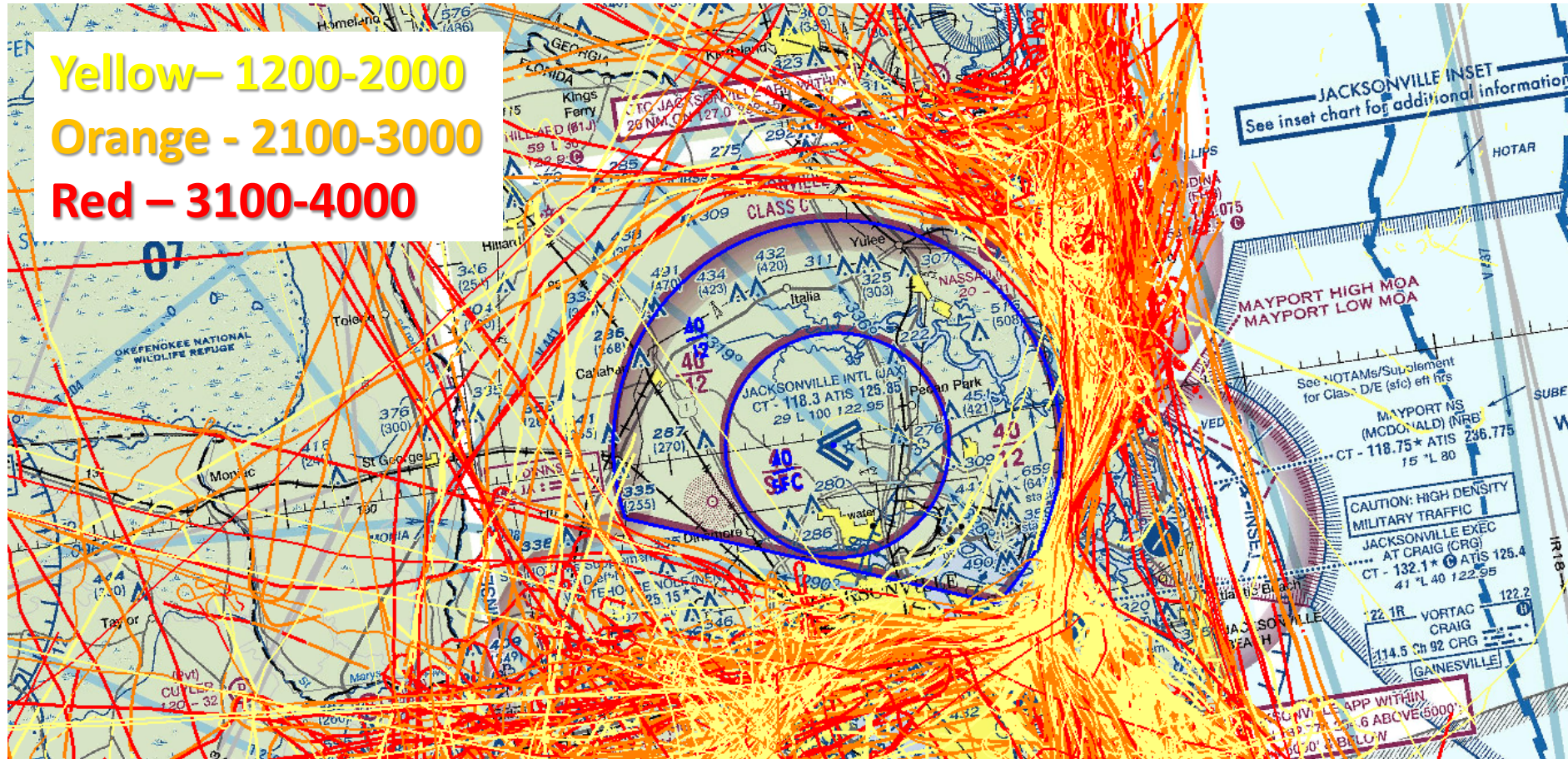
JAX Arrivals RWY 26 (3/14/2023 8am-8pm)



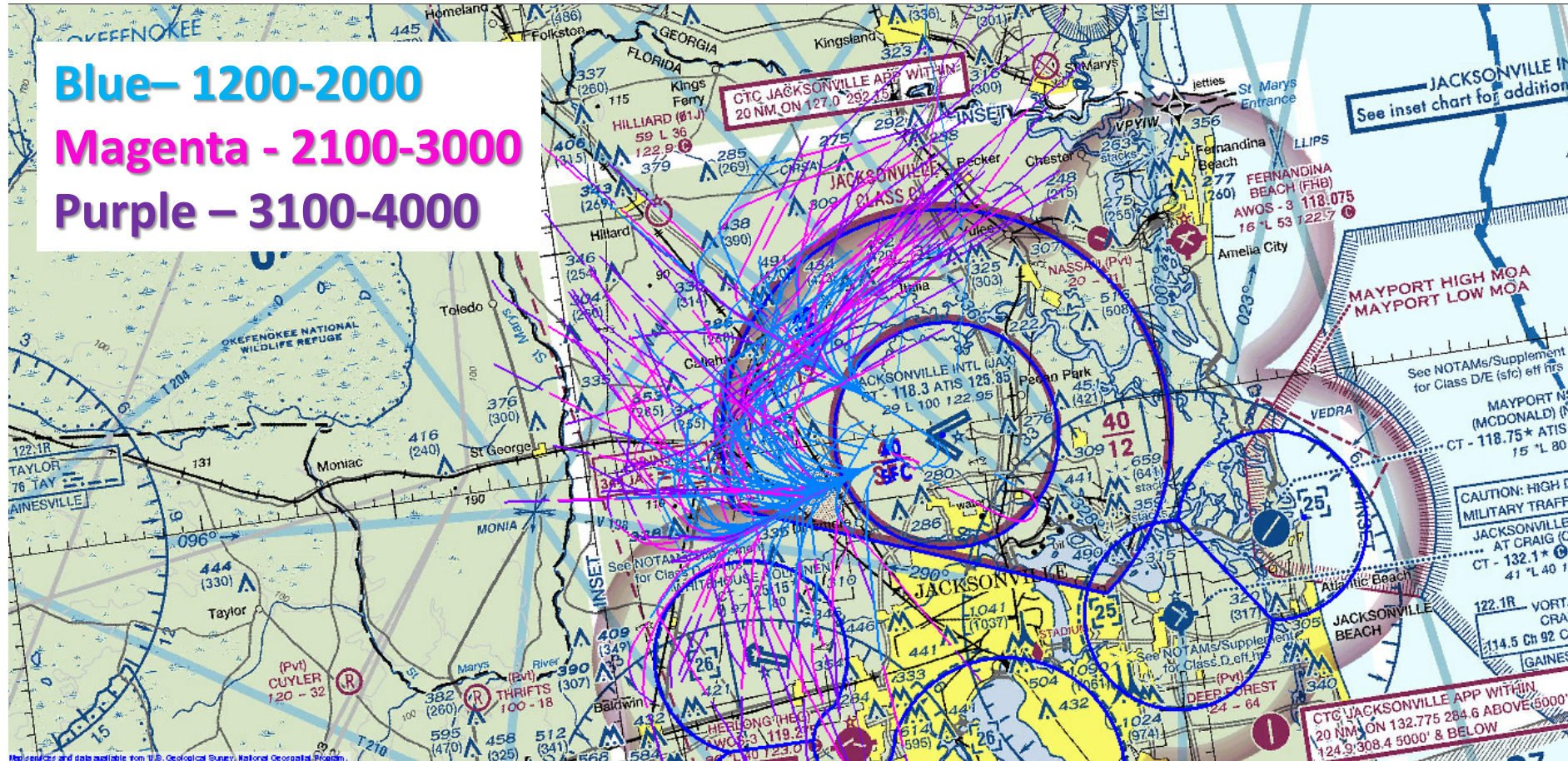
Side by Side



VFR Overflights (10/16/2023 – 10/22/2023)



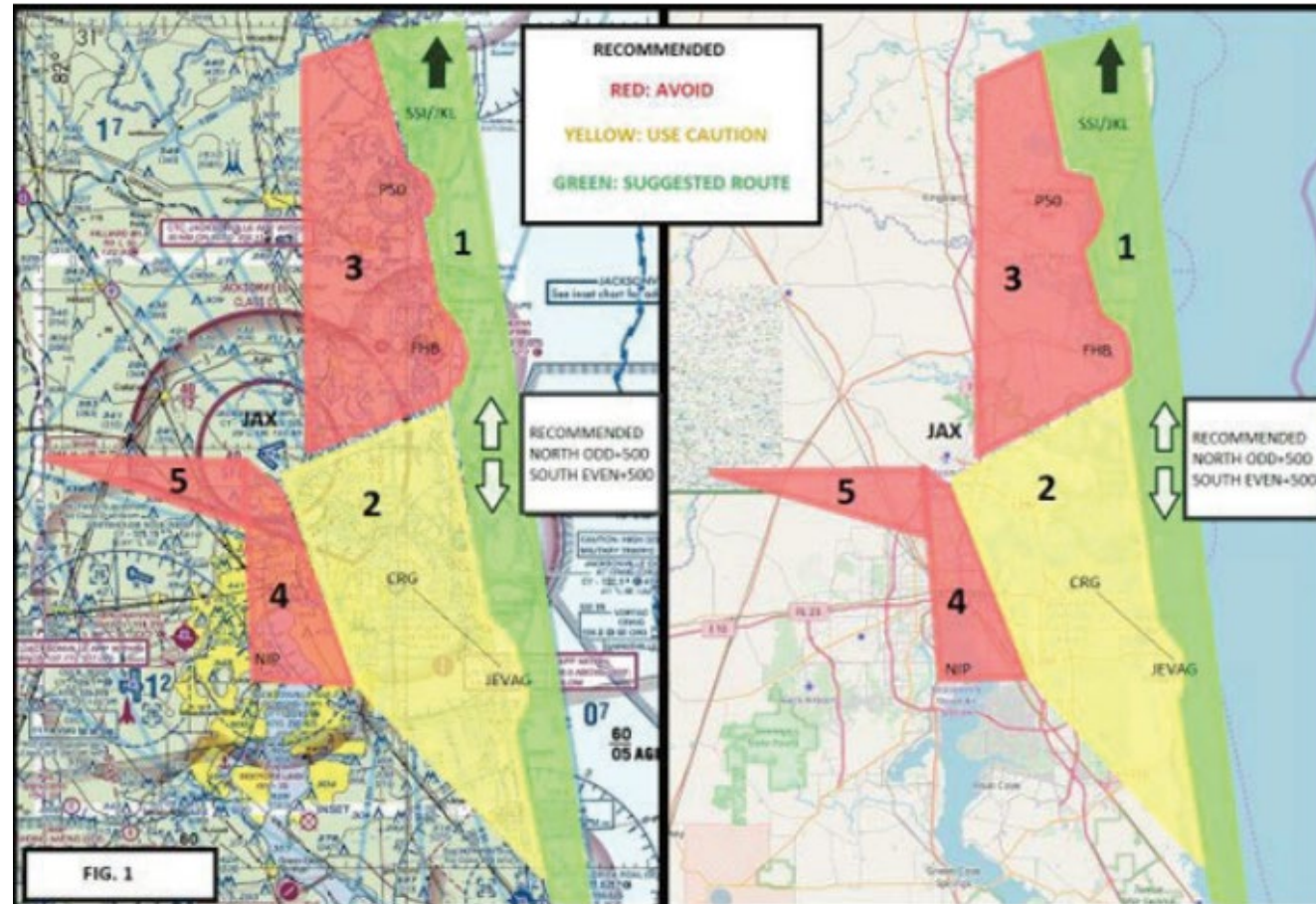
JAX Arrivals RWY 08 (10/18/2023 8am-8pm)



Alternatives Considered

- Pilot Outreach and Letter to Airman (LTA)
 - JAX averages 2 pilot outreach meetings a year at multiple airports.
 - The first LTA was published in 2018 and remains active.

LTA



Alternatives Considered

- Pilot Outreach and Letter to Airman (LTA)
 - JAX averages 2 pilot outreach meetings a year at multiple airports.
 - The first LTA was published in 2018 and remains active.
- FHB Class D with Control Tower
- Adjust the RNAV arrivals into JAX
 - The conflict areas (Hot Spots) are on the base and final portions of the primary runway outside the current Class C. Most conflicts occur after the RNAV arrival ends while vectoring for sequencing. Flight paths and assigned altitudes still need to allow for a stabilized approach which often take aircraft beyond the current boundaries of the JAX Class C airspace.

Radar Replays



Questions?

Ad Hoc Committee – JAX Class C Modification