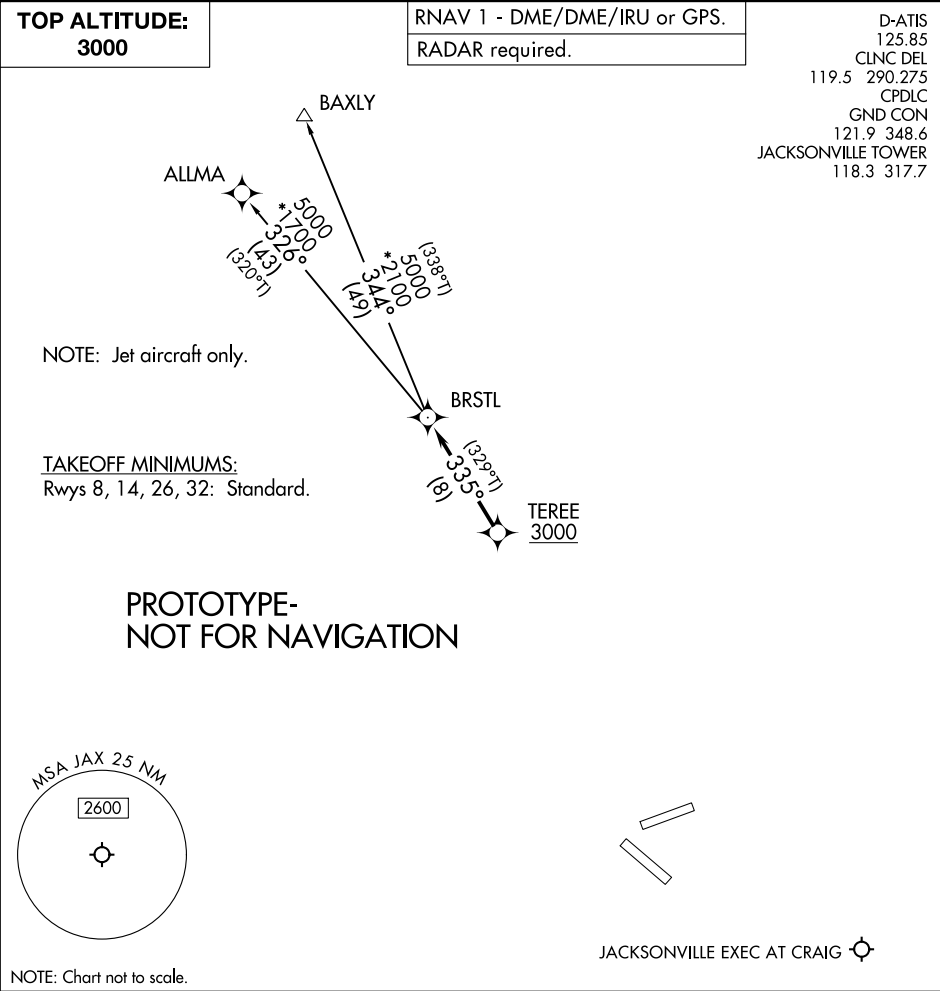


Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 08/10/2023	APWS Task ID: C12D53D496A2410FB90400AB4BD26D30	APWS Project ID: 6EC30194B15F48E18E6D5C9A61E14C58
Procedure: BRSTL (RNAV) ONE DEPARTURE		Enroute: YES	Specialist: Owens, Westley		Agreement Number:
Airport ID: KJAX			Airport City: JACKSONVILLE		State: FL
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div>Procedure Comments:</div> <div>ACTIVE DATA USED FOR KJAX AIRPORT AND RWY.</div> <div>WAIVER (1) ATC CLIMB GRADIENT.</div> <div>ORIGINAL RNAV SID TO REPLACE ARNEY (RNAV) SID.</div> <div>CONTACT: ERIC SUSKI (405) 954-7331.</div> <div><div>06/09/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/20/23.</div><div>1. ADDED "8/10/23" TO ACTUAL EFFECTIVE DATE.</div><div>2. ADDED "PENDING" TO FLIGHT INSPECTED BY</div></div>					





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DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RWYS: Climb on assigned heading for RADAR vectors to cross TERE at or above 3000 then on track 335° to BRSTL, then on (transition). Maintain 3000. Expect filed altitude 10 minutes after departure.

ALL AIRCRAFT: ATC climb gradient: If unable to accept climb rate, advise ATC prior to taxi.
RWY 14: 400 FT/NM to 430.

ALLMA TRANSITION (BRSTL1.ALLMA):
BAXLY TRANSITION (BRSTL1.BAXLY):

1. FLIGHT PROCEDURE IDENTIFICATION:

Jacksonville, FL
Jacksonville International (KJAX)
BRSTL DEPARTURE (RNAV)

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

FAA Order 8260.46J Departure Procedure Program. Charting Minimum Climb Gradients (CG) Para 2-1-1 (e). (3). (c). Do not chart CGs that may be needed to support airspace, navigation solution, environmental, or ATC operational limitations.

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

Jacksonville TRACON is requesting a climb gradient of 400 FT/NM to 430 FT MSL from RWY14. This alleviates conflicts with arrivals to Jacksonville Executive Airport (CRG) when landing RWY14. The standard climb gradient puts the aircraft at 2 NM before turning and will result in approx 1200FT of ATC separation. This causes a potential conflict with arrivals at Jacksonville Executive (KCRG) RWY14. A 400 FT/NM climb gradient will allow the turn at 1 NM from departure end of runway (DER), increasing the ATC separation to a more safe and manageable level. Without the requested CG, ATC coordination for every departure would cause delays during heavy traffic into each airport.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

The climb gradient for RWY 14 will be charted in the departure route description as a required ATC climb gradient. If the pilot cannot accept the required CG, ATC will ensure separation with other methods. Specifically, the charted departure route description will read as follows:

TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO TERE, THEN ON TRACK 334.80 TO BRSTL, THEN ON TRANSITION. MAINTAIN 3000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ALL AIRCRAFT: ATC CLIMB GRADIENT: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC PRIOR TO TAXI.
RWY 14: 400 FT/NM TO 430.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Consideration was given to a standard rate of climb for all runways but that introduced conflicting traffic and safety concerns, specifically for RWY 14 departures. Input was also provided to moving fixes along the route but that introduced increased traffic conflicts and airspace constraints. Additionally, these fixes are needed to ensure aircraft transition away from JAX arrivals and enter the adjacent sector per facility Standard Operating Procedure (SOP).

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

Eastern Service Center PBN NATCA and FAA Leads
Jacksonville Center (ZJX)

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE
11/18/22	AJV E-24	PBN Co-Lead Management

SIGNATURE

Reginald E Davis
Digitally signed by
Reginald E Davis
Date: 2022.11.18
15:19:01 -05'00'

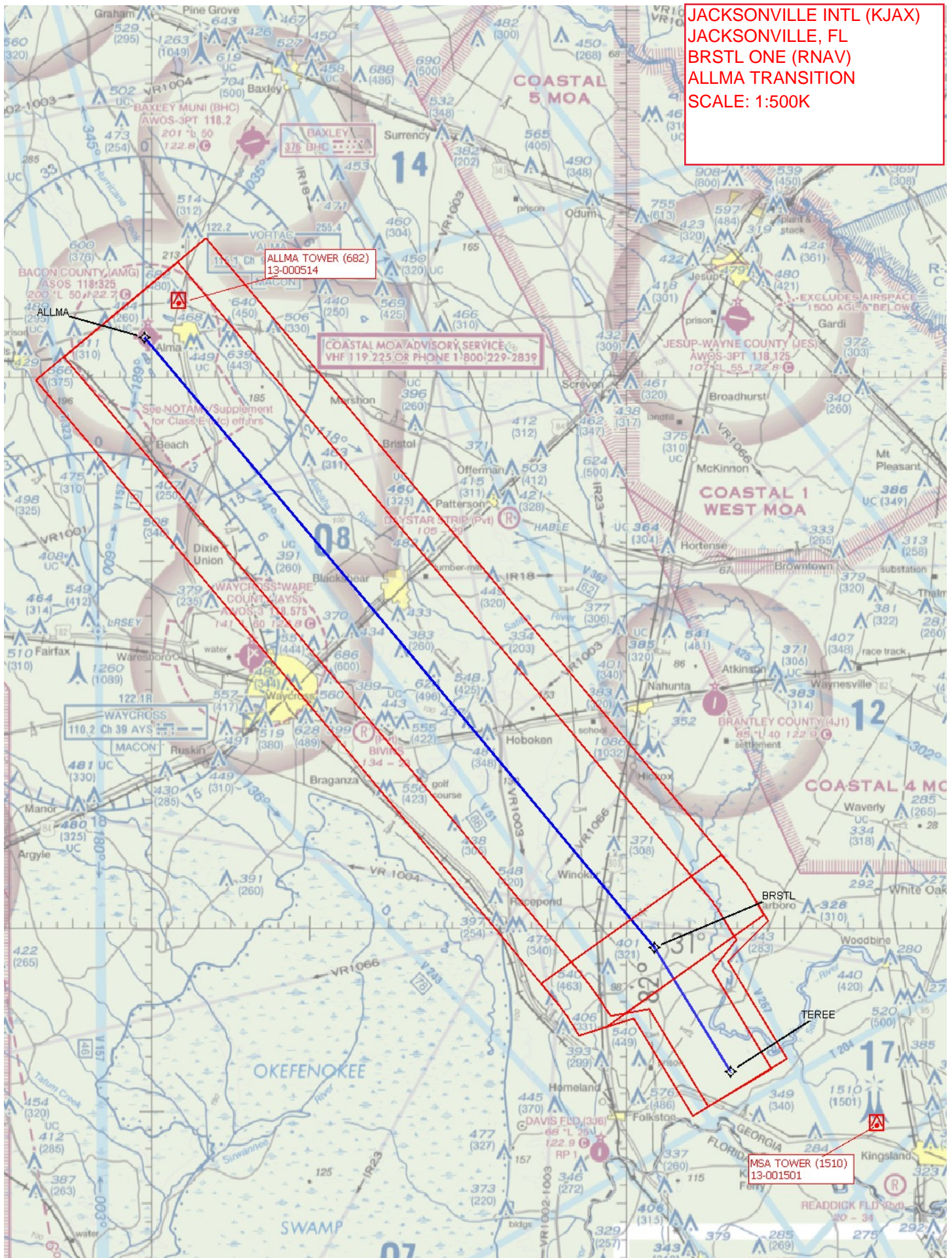
8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

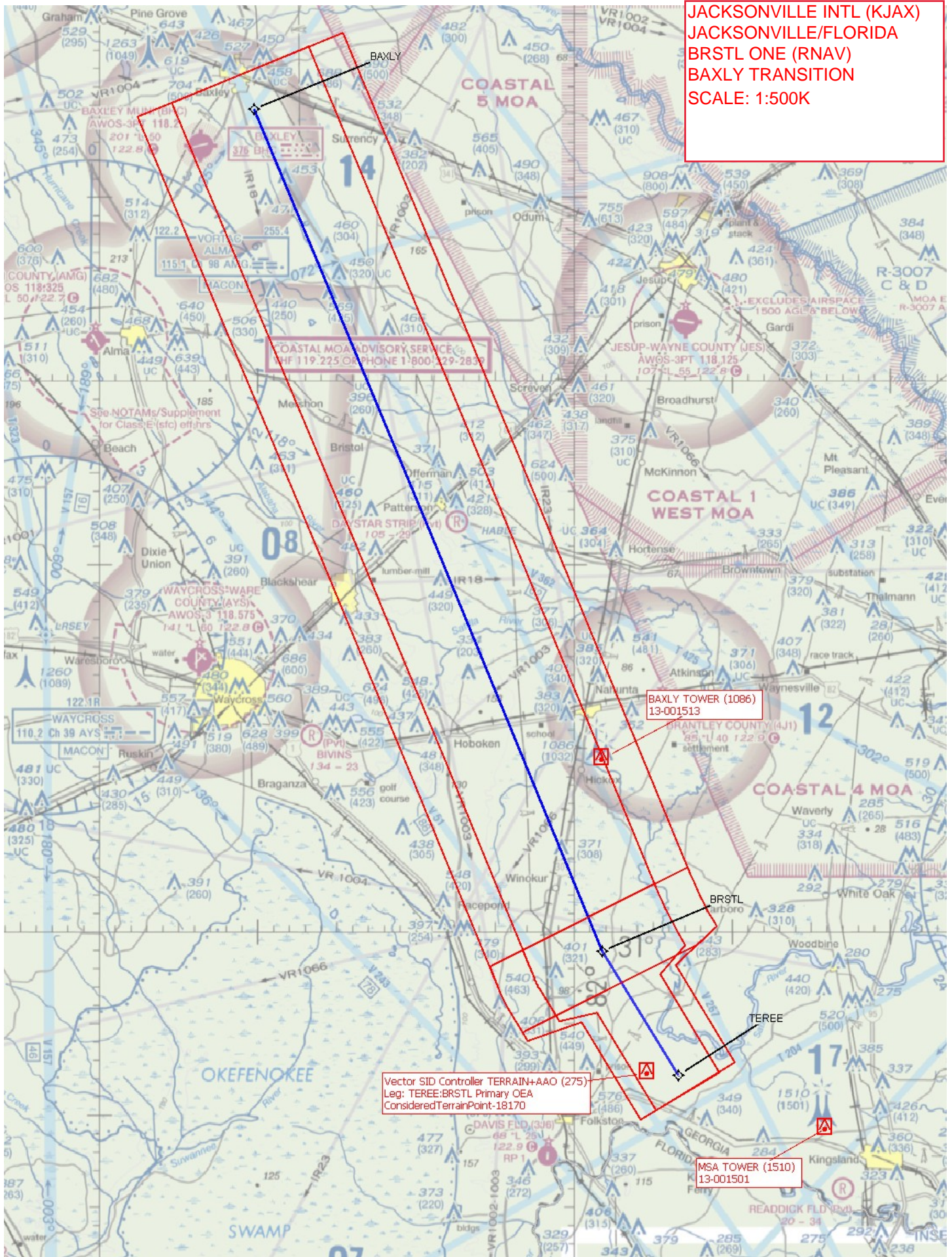
COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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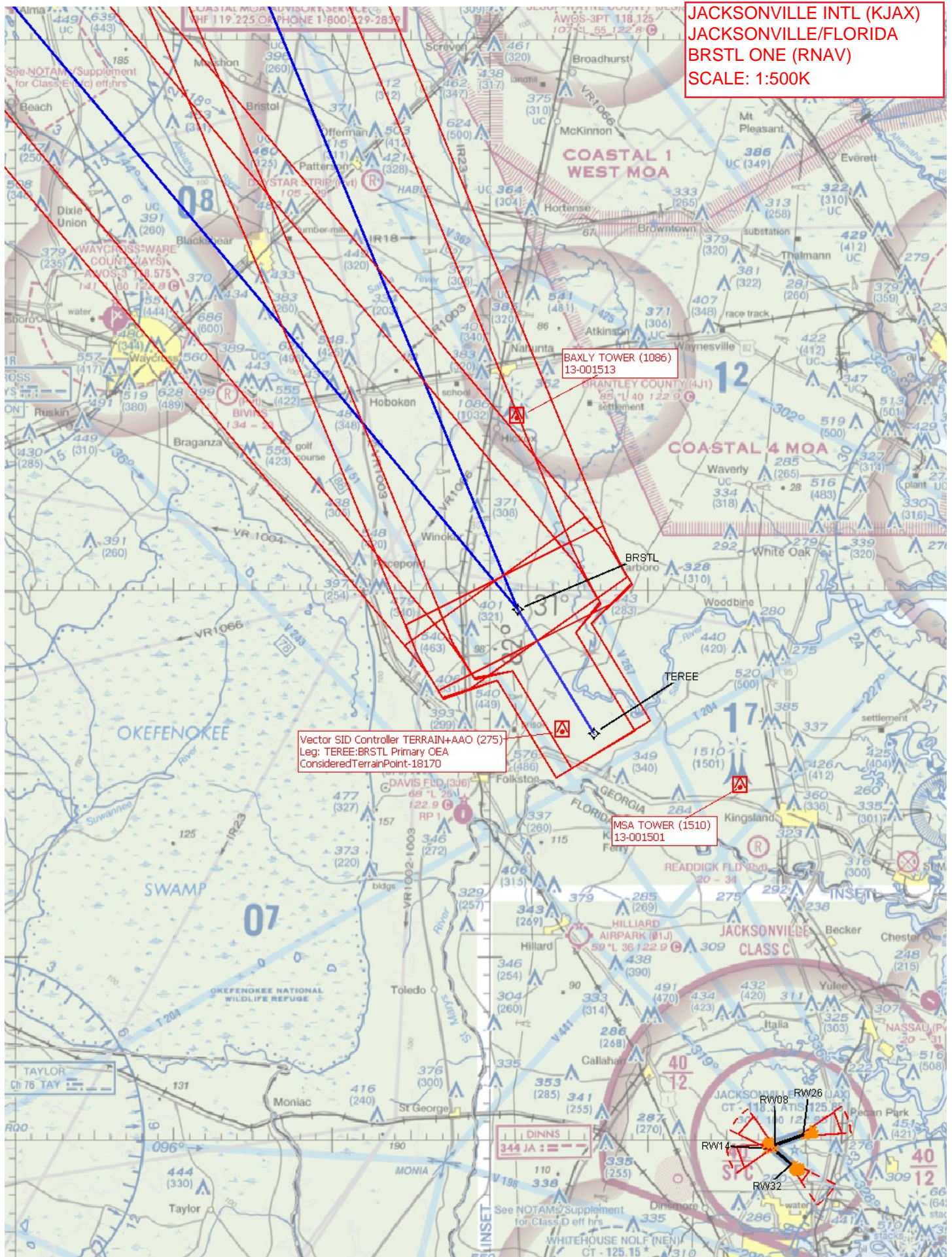
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JACKSONVILLE, FL
BRSTL ONE (RNAV)
ALLMA TRANSITION
SCALE: 1:500K



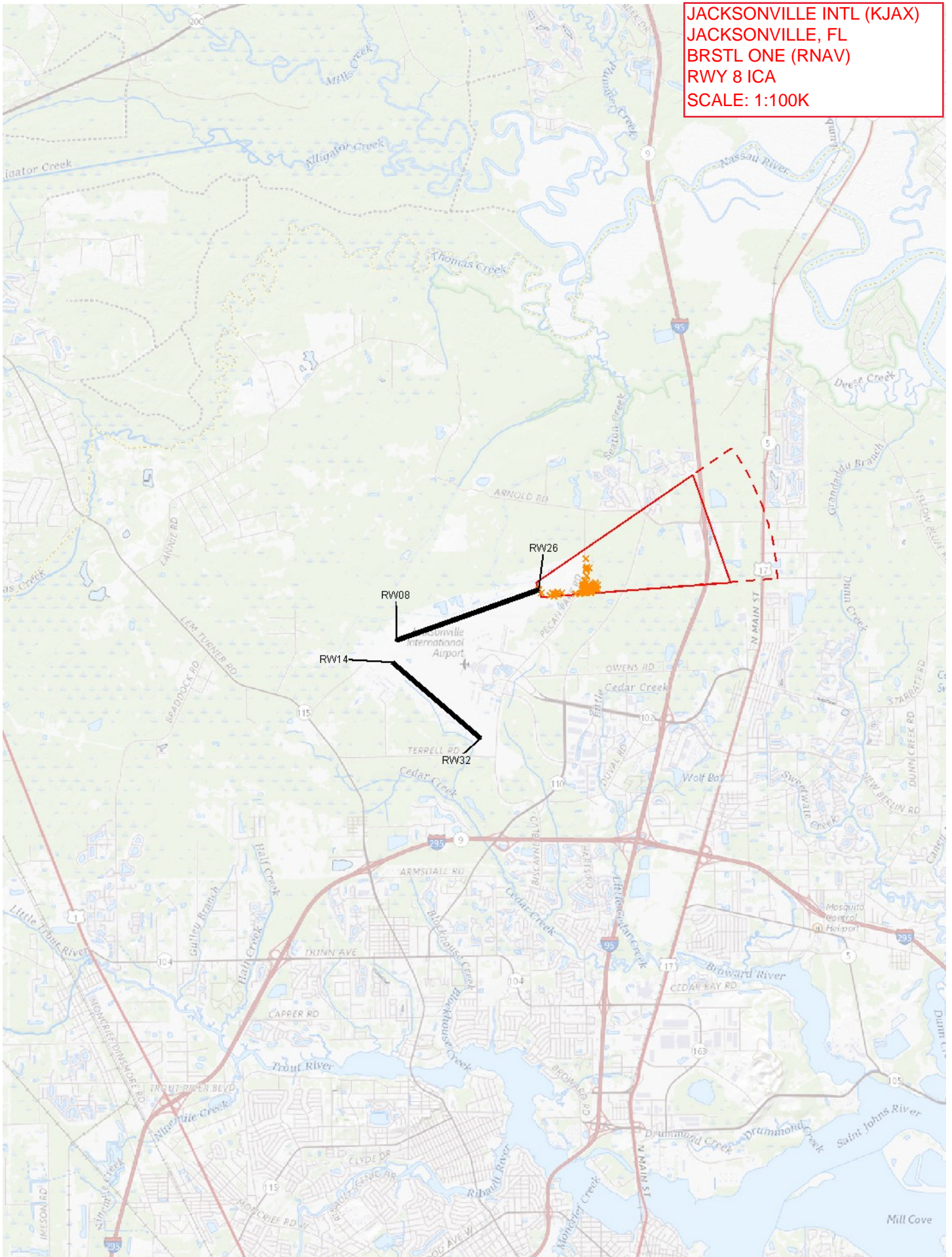
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JACKSONVILLE/FLORIDA
BRSTL ONE (RNAV)
BAXLY TRANSITION
SCALE: 1:500K



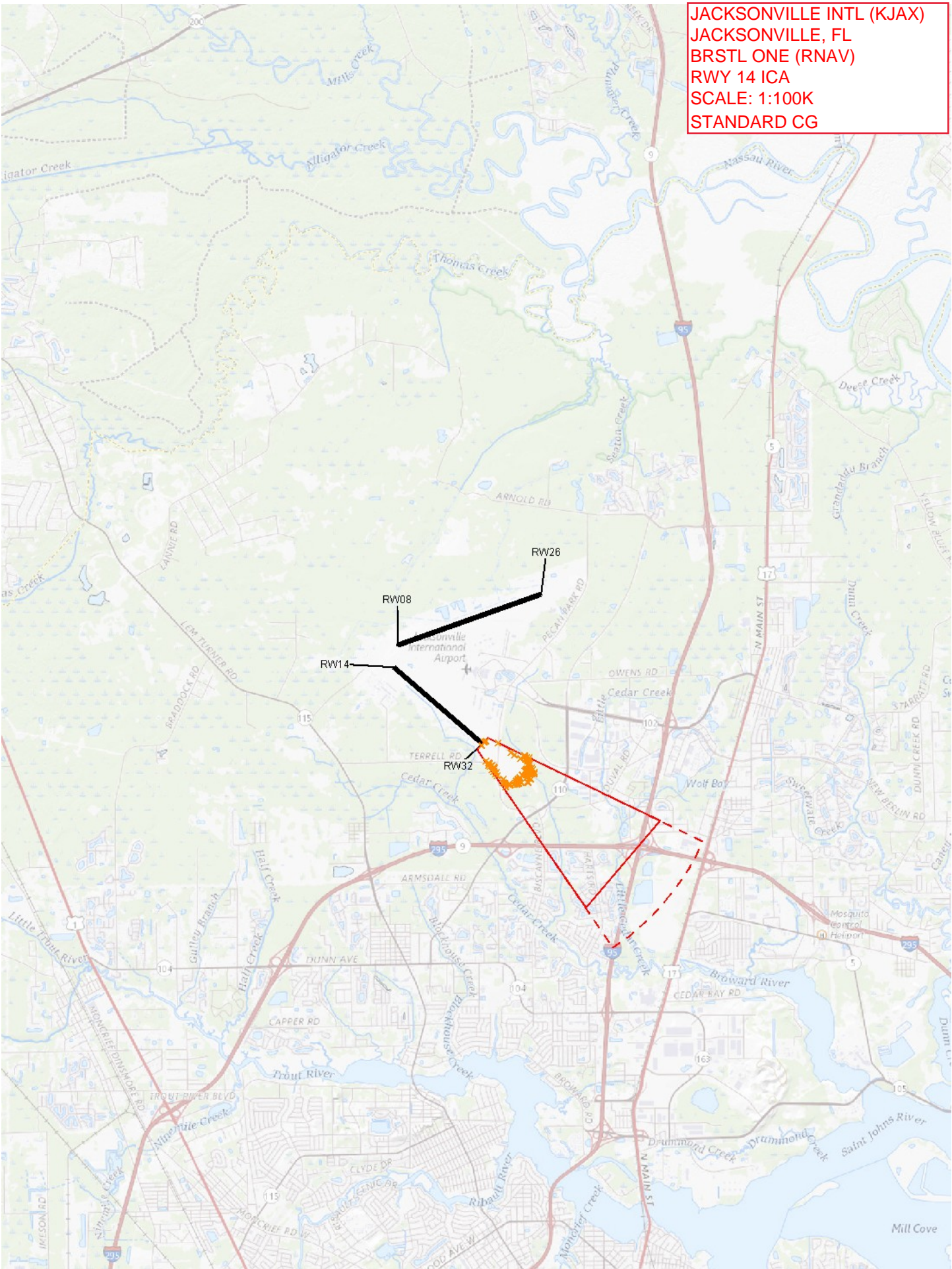
JACKSONVILLE INTL (KJAX)
JACKSONVILLE/FLORIDA
BRSTL ONE (RNAV)
SCALE: 1:500K



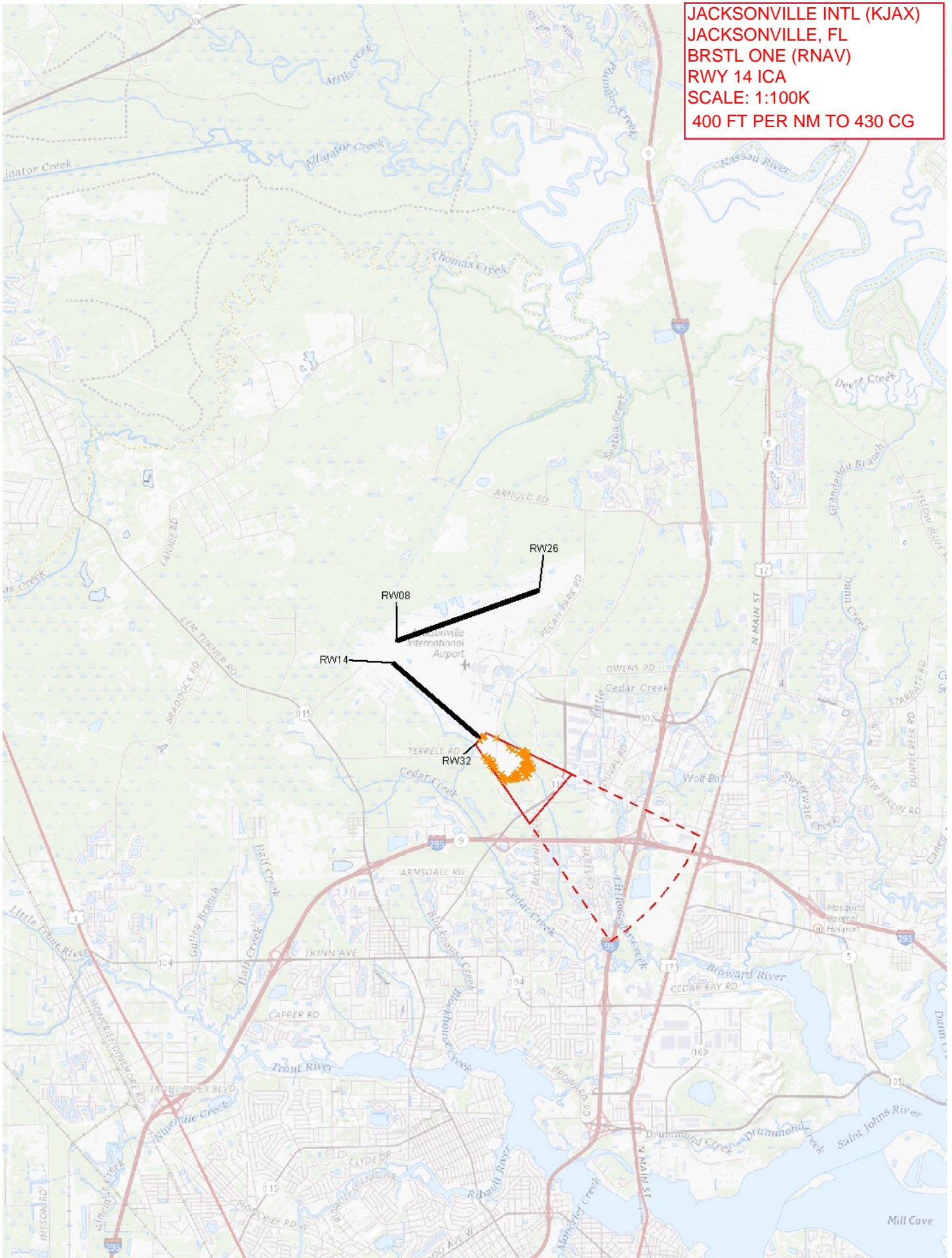
JACKSONVILLE INTL (KJAX)
JACKSONVILLE, FL
BRSTL ONE (RNAV)
RWY 8 ICA
SCALE: 1:100K



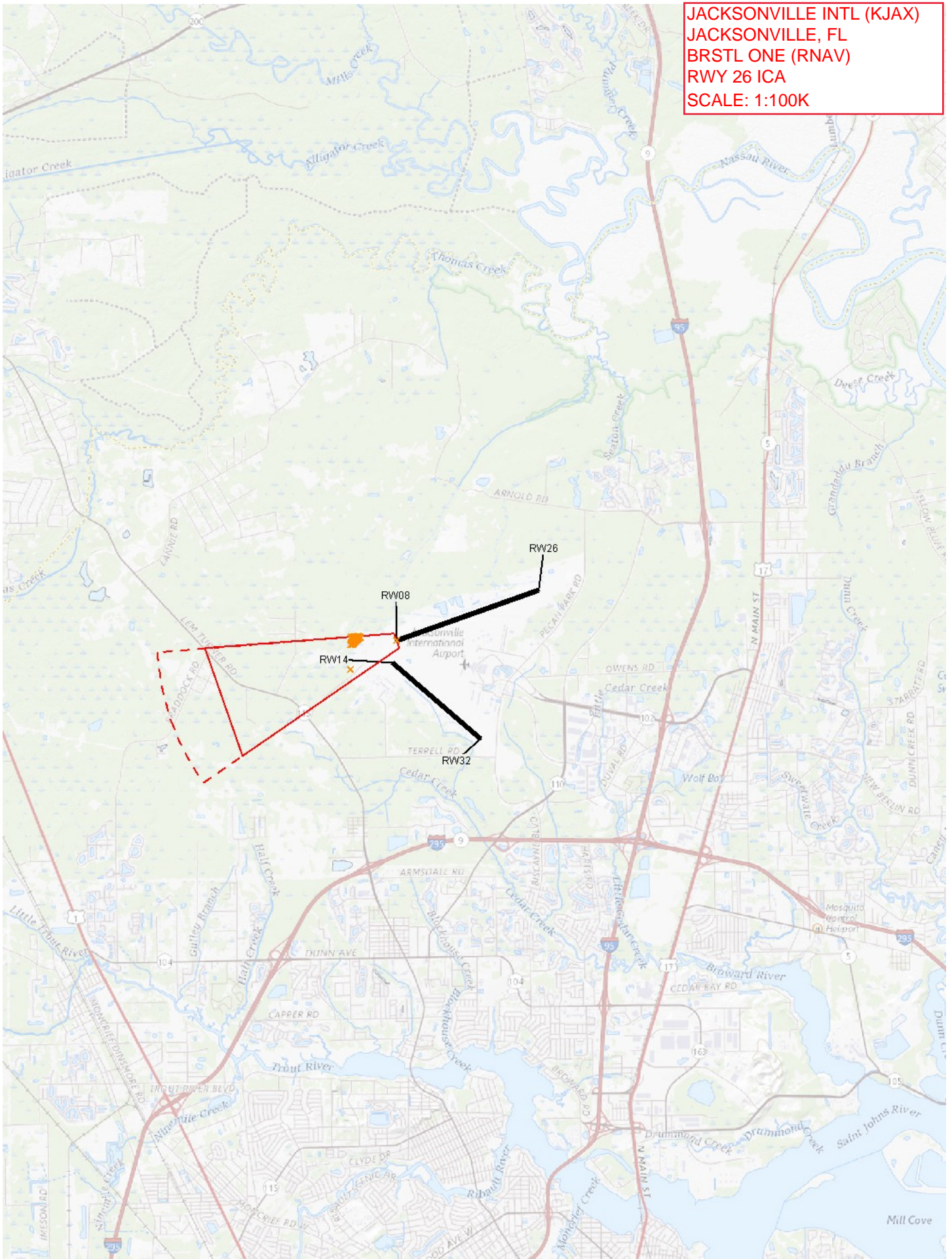
JACKSONVILLE INTL (KJAX)
JACKSONVILLE, FL
BRSTL ONE (RNAV)
RWY 14 ICA
SCALE: 1:100K
STANDARD CG



JACKSONVILLE INTL (KJAX)
JACKSONVILLE, FL
BRSTL ONE (RNAV)
RWY 14 ICA
SCALE: 1:100K
400 FT PER NM TO 430 CG



JACKSONVILLE INTL (KJAX)
JACKSONVILLE, FL
BRSTL ONE (RNAV)
RWY 26 ICA
SCALE: 1:100K



JACKSONVILLE INTL (KJAX)
JACKSONVILLE, FL
BRSTL ONE (RNAV)
RWY 32 ICA
SCALE: 1:100K

