

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR	Estimated Chart Date: 07/16/2020	APWS Task ID: 5775144F8CB4432897D598D746504653	APWS Request ID: 298FF71E3A904FADB854D80CEF2C3A66
Procedure: STAR OSPRI (RNAV) SEVEN CHARLESTON SC KCHS		Enroute: YES	Specialist: Powell, Dan		Agreement Number:
Airport ID: KCHS	Airport Name: CHARLESTON AFB/INTL		Airport City: CHARLESTON		State: SC
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div>Procedure Comments: CONTACT JACOB POWERS, AJV-5440 LEAD, 405-954-8702.</div> <div>02/10/2020 QUALITY 14 CHECKED</div>					

FIPC DME/DME FORM

PROCEDURE: STAR OSPRI (RNAV) SEVEN CHARLESTON SC KCHS		AIRPORT NAME: CHARLESTON AFB/INTL		AIRPORT ID: KCHS	SPECIAL CONTROL NO: AG-06-065-20
FAC ID: OSPRI7		CITY: CHARLESTON		ST: SC	ORIG CHART DATE: 11/05/2020
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER: AC0683	PTS TASK ID:	

PREFLIGHT NOTES

REVIEWER:	DATE:
COMMENTS:	CHECK ONE: <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT
	YES NO
	CPV COMPLETE? X

PROCEDURE RESULTS

INSPECTION DATE: 07/16/2020	CREW #: VN327	N #: N70	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT	ARINC CODING: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT
FLIGHT INSPECTOR SIGNATURE: jeffrey eckman @ 07/16/2020 15:13		PRINTED NAME: ECKMAN, JEFFREY ALAN		NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

FLIGHT INSPECTOR REMARKS: Procedure SAT as proposed. DME/DME awaiting AFS/ WAJR approval.		
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DME/DME STATUS: <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	SPECIALIST SIGNATURE:	PRINTED NAME:
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SPECIALIST REMARKS:

IN-FLIGHT OBSTACLE REPORT

OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:
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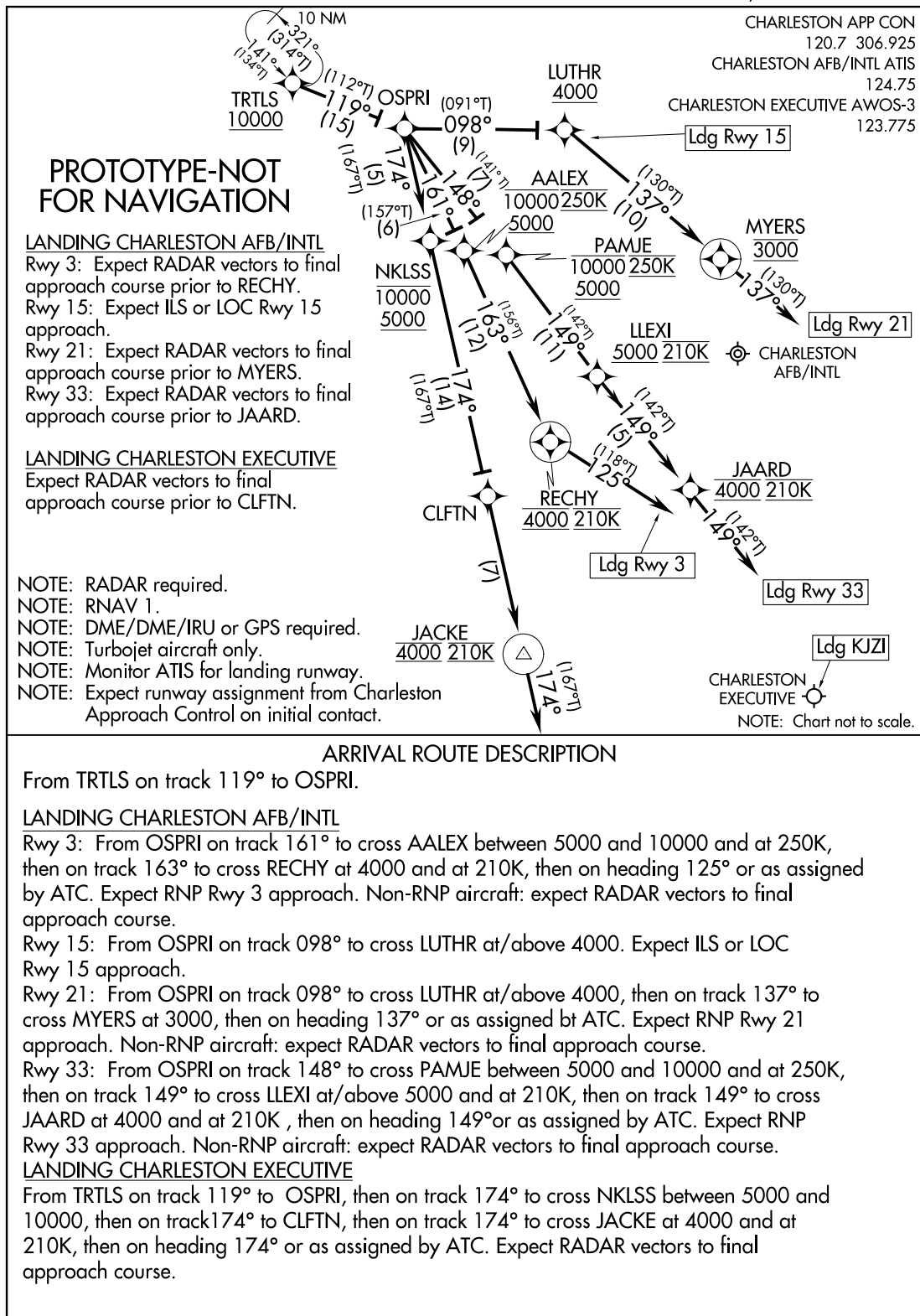
NEW

(TRTLS.OSPRI7) FIG

ST-76 (FAA)

OSPRI SEVEN ARRIVAL (RNAV) Arrival Routes

CHARLESTON, SOUTH CAROLINA



AUTOMATED ST-76 OSPRI ARRIVAL (CONT)

SE-2

02/10/20

COMPILER: SQ

REVIEWER:

DBL CHKR:

EFF: FIG

OSPRI SEVEN ARRIVAL (RNAV)

Arrival Routes

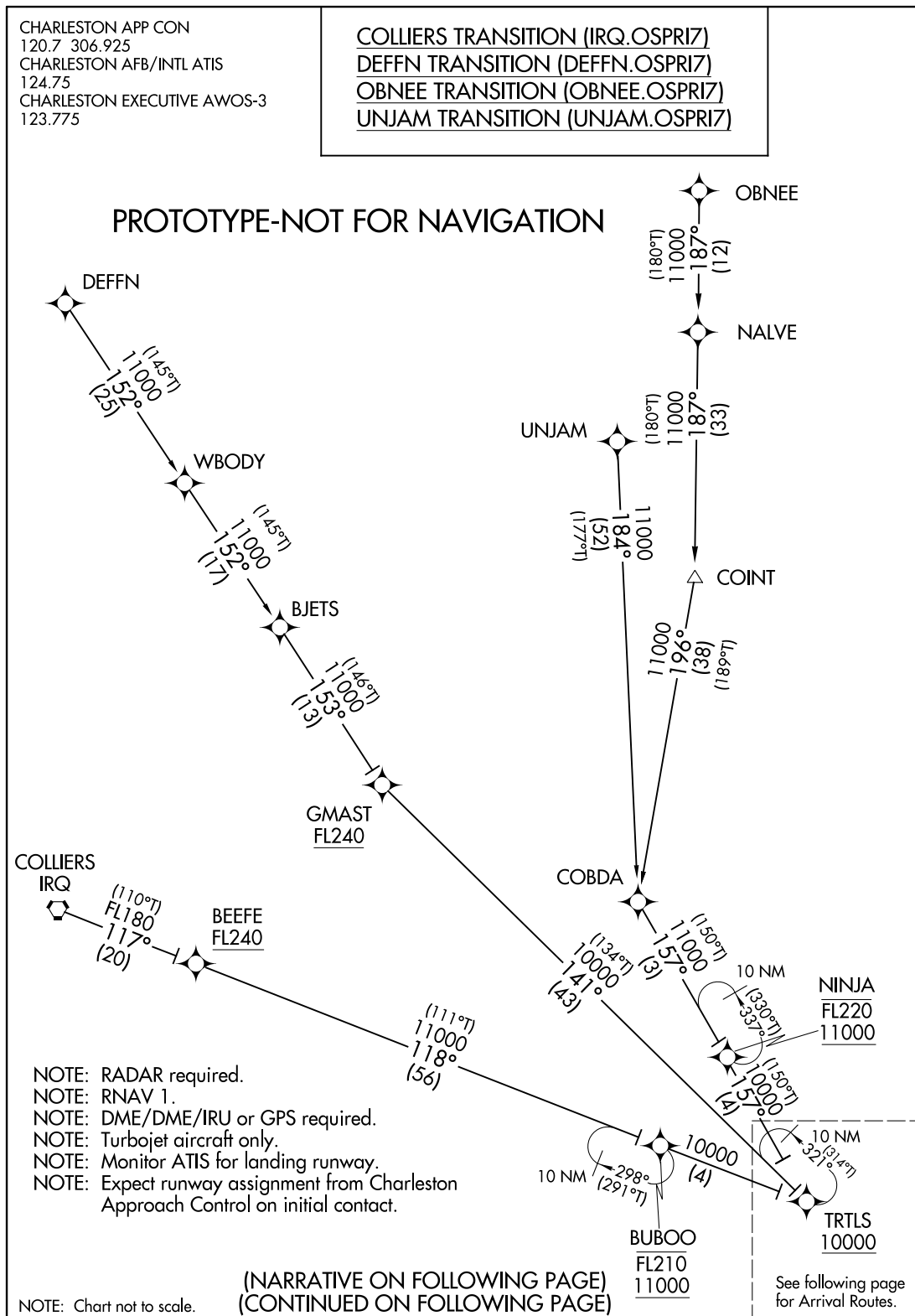
CHARLESTON, SOUTH CAROLINA

(TRTLS.OSPRI7) FIG

(TRTLS.OSPRI7) FIG

ST-76 (FAA)

OSPRI SEVEN ARRIVAL (RNAV) Transition Routes CHARLESTON, SOUTH CAROLINA

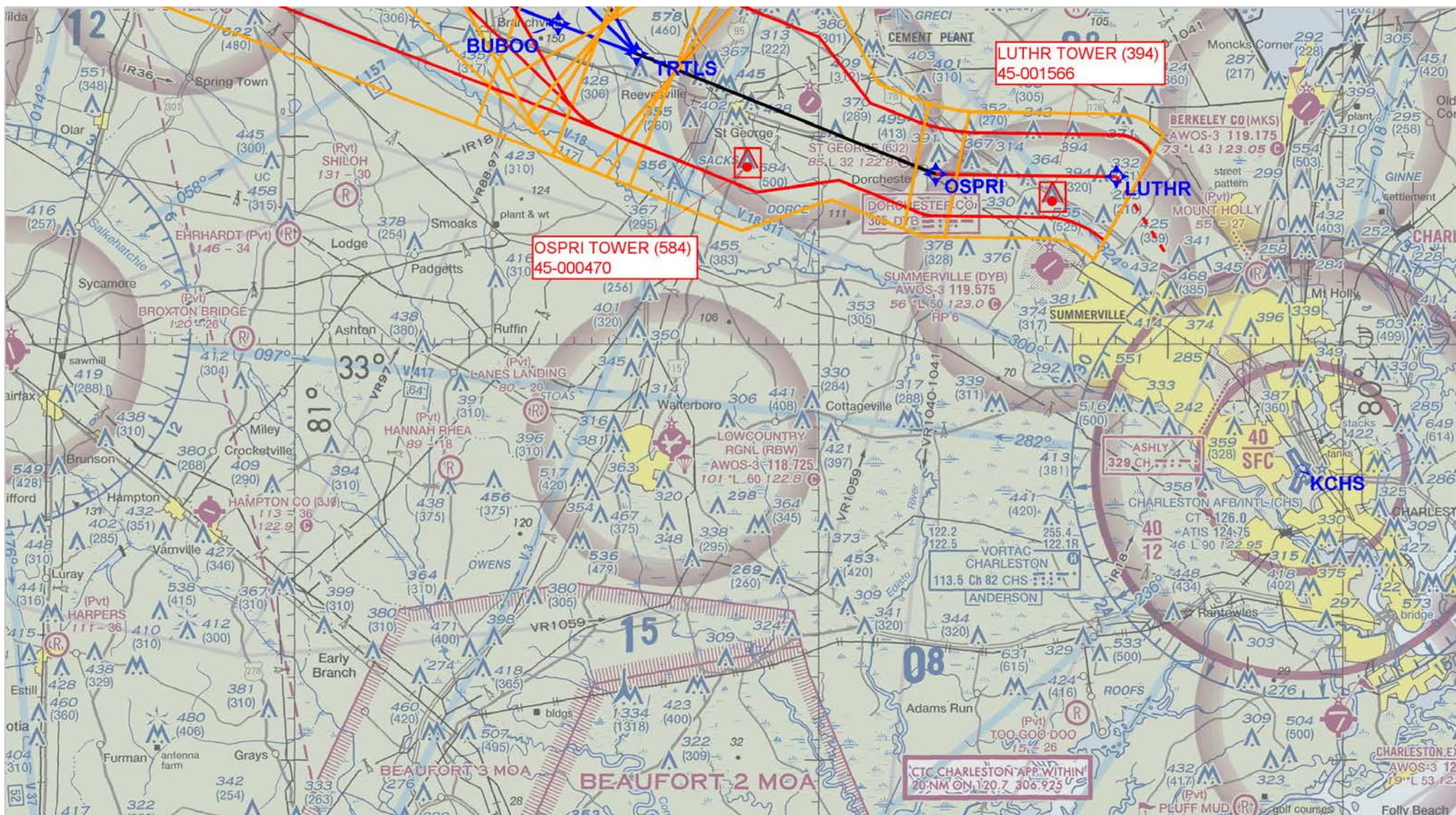


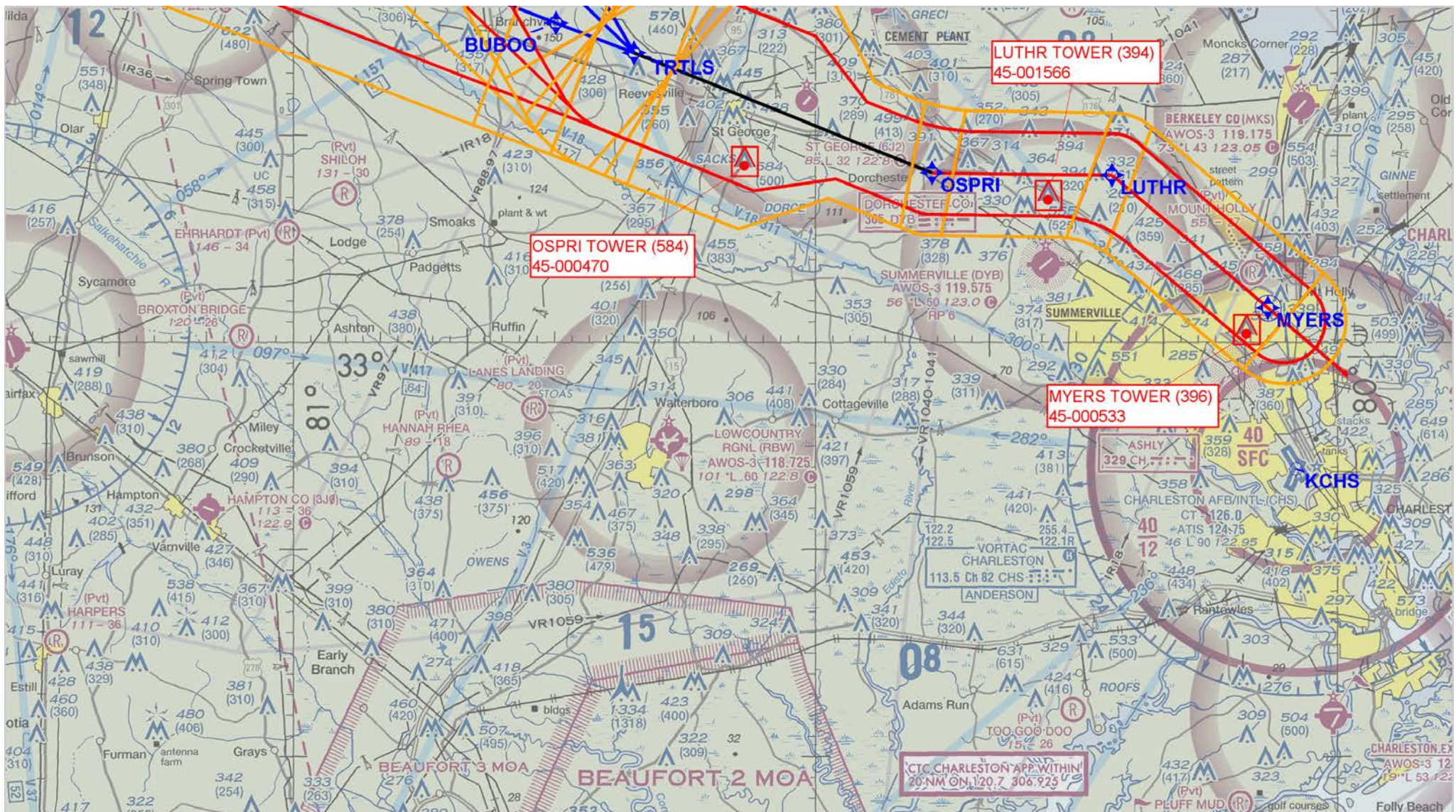
AUTOMATED ST-76 OSPRI ARRIVAL

SE-2
02/10/20
COMPILER: SQ
REVIEWER:
DBL CHKR:
EFF: FIG

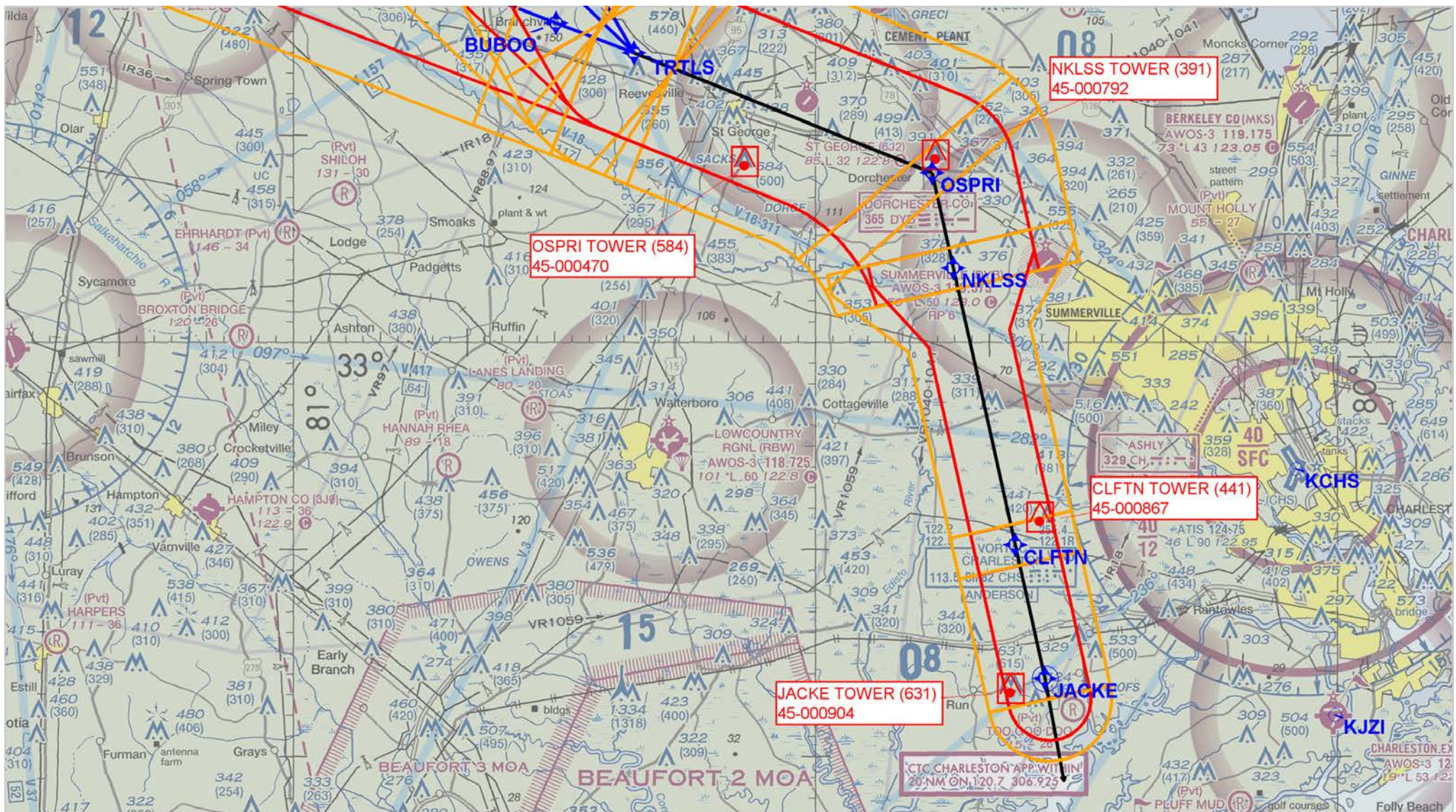
OSPRI SEVEN ARRIVAL (RNAV) Transition Routes CHARLESTON, SOUTH CAROLINA

(TRTLS.OSPRI7) FIG

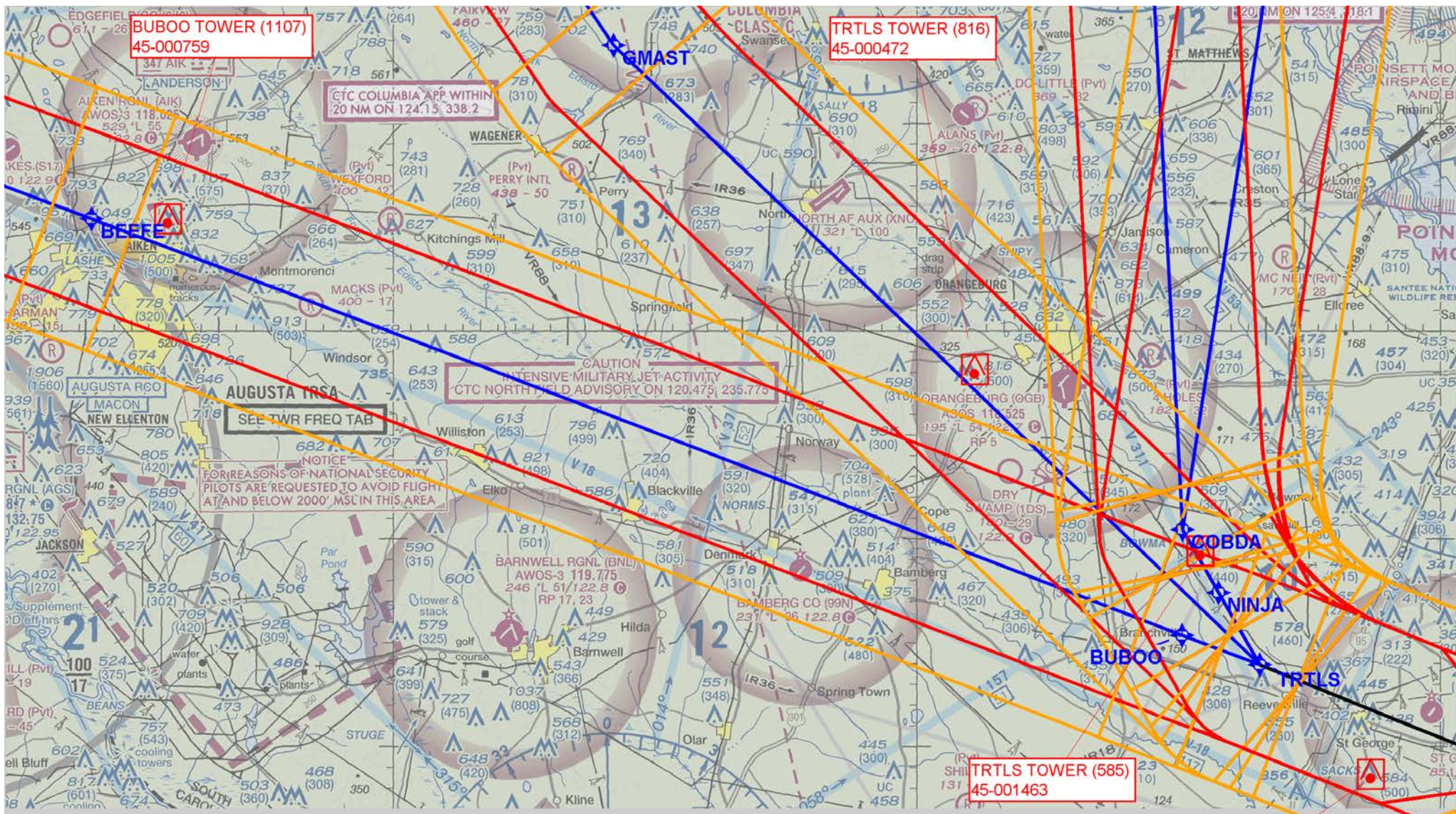




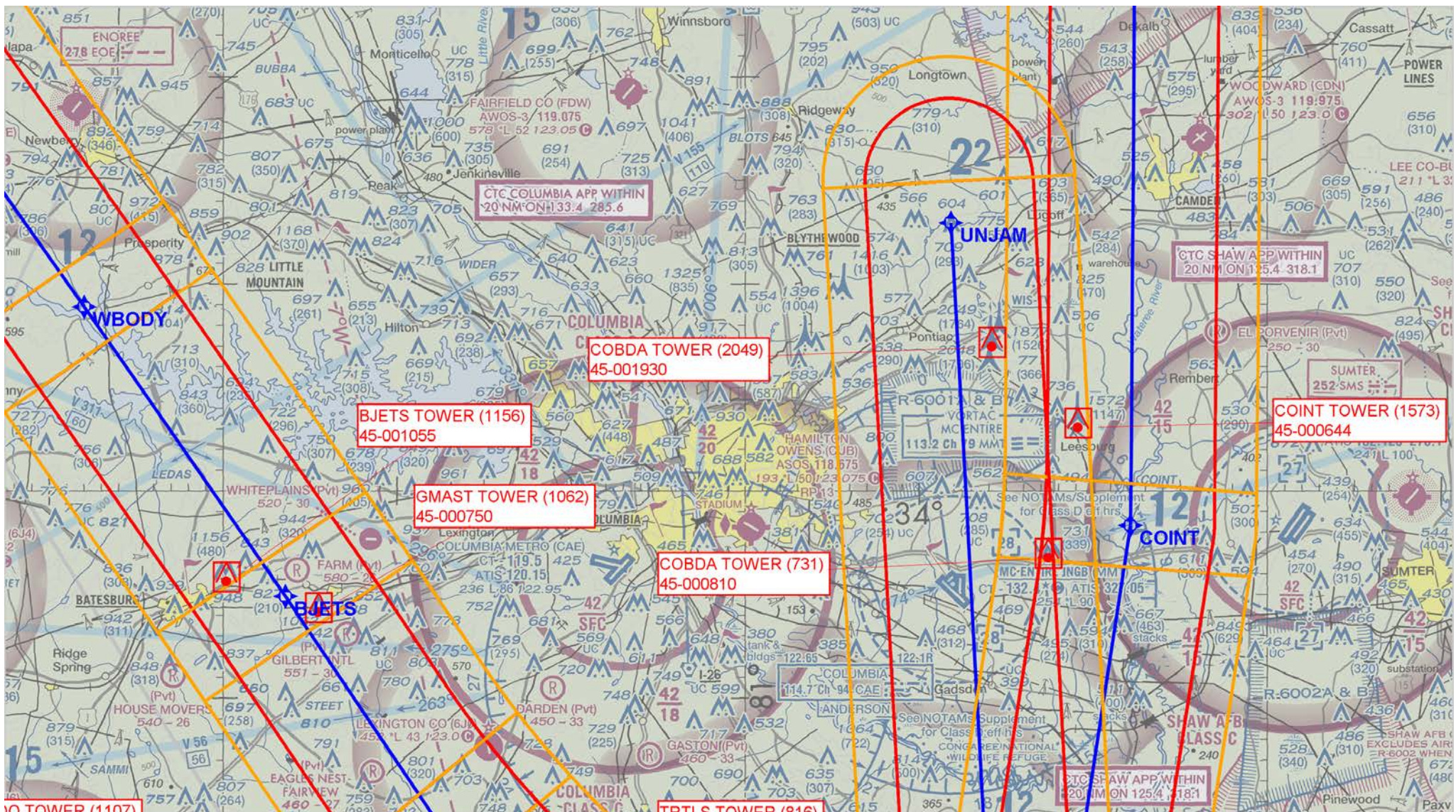
OSPRI (RNAV)



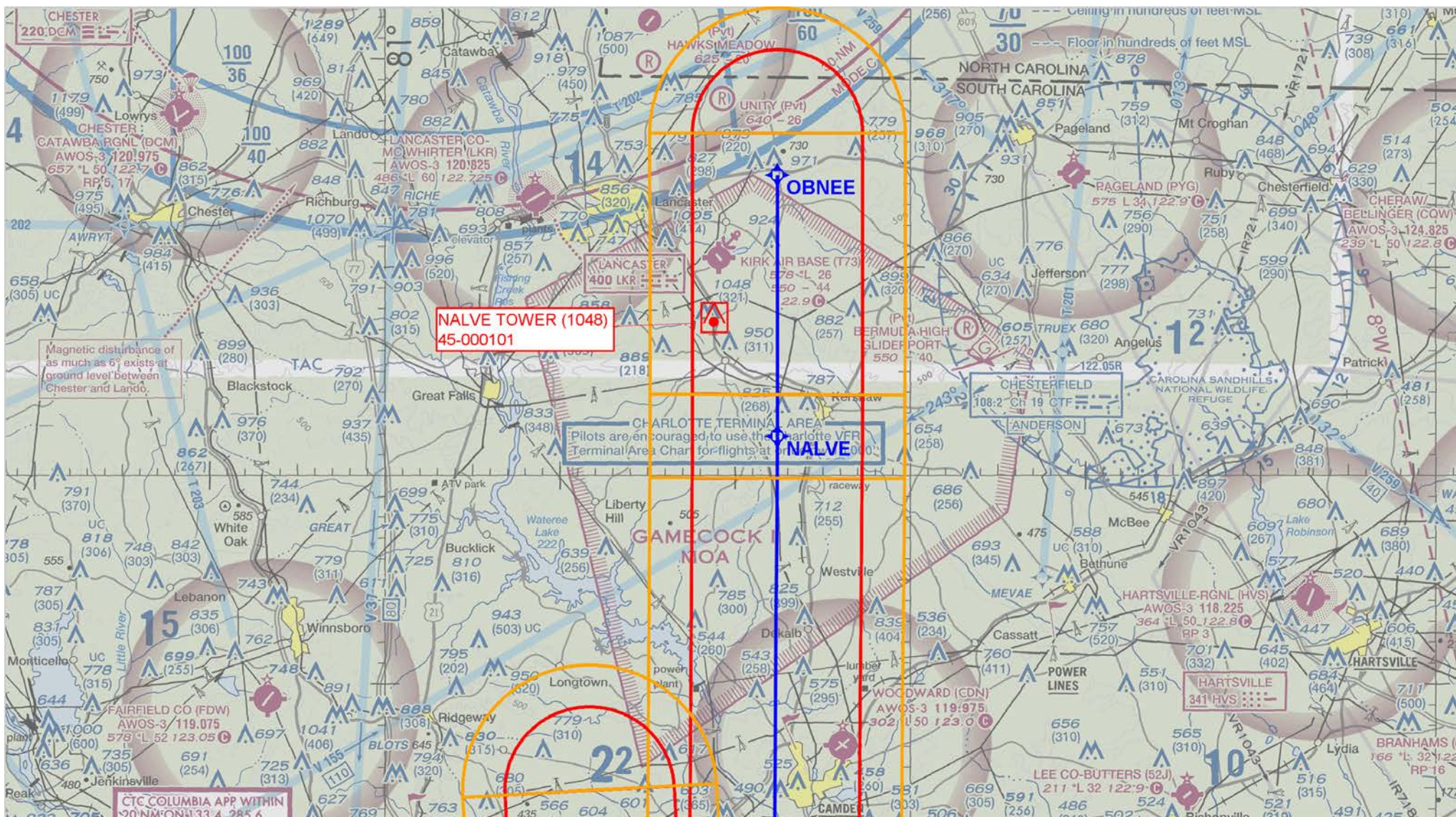
OSPRI (RNAV)



OSPRI (RNAV)



OSPRI (RNAV)



OSPRI (RNAV)

FAA Eastern Service Center, Air Traffic Division
Categorical Exclusion

Description of Federal Action: The Federal Aviation Administration (FAA) will replace the Charleston (KCHS), South Carolina OSPRI SIX ARRIVAL procedure with the OSPRI SEVEN ARRIVAL procedure and implement the following changes;

Description of Changes:

- OSPRI SEVEN ARRIVAL will:
 - Have a procedural note: Radar required.
 - Have a procedural note: RNAV 1.
 - Have a procedural note: DME/DME/IRU or GPS Required.
 - Have a procedural note: TURBOJET AIRCRAFT ONLY.
 - Have a procedural note: Monitor ATIS for landing runway.
 - Have a procedural note: Expect runway assignment from Charleston Approach Control on initial contact.
 - Have a procedural note: LANDING KCHS:
 - RWY 3: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 - RWY 15: EXPECT ILS OR LOC RWY 15.
 - RWY 21: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 - RWY 33: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE
 - Have a procedural note: LANDING KJZI:
 - EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
 - Overlay and replace the existing OSPRI SIX Colliers (IRQ), South Carolina Very High Frequency Omnidirectional Range (VOR) enroute transition.
 - Overlay and replace the existing OSPRI SIX standard 10 nautical mile (nm) right turn holding pattern at wp BUBOO.
 - Overlay and replace the existing OSPRI SIX DEFFN enroute transition.
 - Overlay and replace the existing OSPRI SIX standard 10 nautical mile (nm) left turn holding pattern at wp TRTLS.
 - Overlay and replace the existing OSPRI SIX UNJAM enroute transition.
 - Overlay and replace the existing OSPRI SIX OBNEE enroute transition.
 - Overlay and replace the existing OSPRI SIX standard 10 nautical mile (nm) left turn holding pattern at wp NINJA.
 - Overlay and replace the existing OSPRI SIX common route transition.

FAA Eastern Service Center, Air Traffic Division
Categorical Exclusion

Description of Changes (Continued):

- Overlay and replace the existing OSPRI SIX TRTLS common route for arrivals to Charleston Executive Airport (KJZI), Charleston, South Carolina.
- Remove the OSPRI SIX CLFTN runway transition from the procedure.
- Overlay and replace the existing OSPRI SIX RECHY runway transition.
- Replace the existing OSPRI SIX GMCKS runway transition with the JAARD runway transition beginning at wp OSPRI and proceeding south/southeast to waypoints (wps) PAMJE, LLEXI and terminating at wp JAARD.
- Overlay and replace the existing OSPRI SIX MYERS runway transition.
- Have four enroute transitions, a common route for arrivals to Charleston (KCHS) International Airport, Charleston, South Carolina, and a common route and four runway transitions for arrivals to Charleston (KJZI) Executive, Charleston, South Carolina as part of the legal description of the route. The IRQ VOR enroute transition will begin at IRQ VOR, proceed south/southeast to wps BEEFE, BUBOO and terminate at wp TRTLS. The DEFFN enroute transition will begin at wp DEFFN and proceed south/southeast to wps WBODY, BJETS, GMAST and terminate at wp TRTLS. The UNJAM enroute transition will begin at wp UNJAM and proceed south/southeast to wps COBDA, NINJA and terminate at wp TRTLS. The OBNEE enroute transition will begin at wp OBNEE, proceed south/southeast to wps NALVE, COINT, COBDA, NINJA and terminate at wp TRTLS. The OSPRI SEVEN common route for arrivals to KCHS will begin at wp TRTLS and proceed south/southeast and terminate at wp OSPRI. The OSPRI SEVEN common route for arrivals to KJZI will begin at sp OSPRI and terminate at wp JACKIE. The RECHY runway transition will begin at wp OSPRI and terminate at wp RECHY. The JAARD runway transition will begin at wp OSPRI and proceed south/southeast to (wps) PAMJE, LLEXI and terminate at wp JAARD. The MYERS runway transition will begin at wp OSPRI and proceed east/southeast to wps LUTHR and terminate at wp MYERS.

Basis for this Determination: An environmental review was conducted to ensure that the federal action is in compliance with the National Environmental Policy Act and its implementing regulations. This review was conducted in accordance with policies and procedures in FAA Order 1050.1F, "Environmental Impacts: Policies and Procedures".

Declaration of Exclusion: The FAA has reviewed the above referenced proposed action and it has been determined by the undersigned to be categorically excluded from further environmental documentation and will not result in any extraordinary circumstances according to FAA Order 1050.1F.

The applicable categorical exclusion is:

- §5-6.5(i): Establishment of new or revised air traffic control procedures conducted at 3,000 feet or more above ground level (AGL); procedures conducted below 3,000 feet AGL that do not cause traffic to be routinely routed over noise sensitive areas; modifications to currently approved procedures conducted below 3,000 feet AGL that do not significantly increase noise over noise sensitive areas; and increases in minimum altitudes and landing minima. For modifications to air traffic procedures at or above 3,000 feet AGL, the Noise Screening Tool (NST) or other FAA approved environmental screening methodology should be applied. (ATO, AVS)

After review of the MITRE Guidance for Noise Screening Air Traffic Actions and review of the amended procedures presented on Google Earth (with and without tracks), it was determined that the changes would not present a significant noise increase. Therefore, noise modeling was not recommended for this project. Additionally, based on the environmental review of the proposed action, there are no adverse impacts associated with the proposed action on any communities located beneath the proposed route path.

**FAA Eastern Service Center, Air Traffic Division
Categorical Exclusion**

Reviewed by:



Chuck Armstead
NISCIII Contract Support - Environmental Engineer
Environmental, CI and NAS Analytics (ECINA)
Eastern Service Center Air Traffic Organization
Phone: Office: (404)-305-6692

Date December 17, 2019

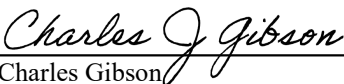
Concurrence by:



Andrew Pieroni
Environmental Protection Specialist
Environmental, CI and NAS Analytics (ECINA)
Eastern Service Center Air Traffic Organization
Phone: Office: (404)-305-5586

Date December 17, 2019

Approved by:



Charles Gibson
Manager
Environmental, CI and NAS Analytics (ECINA)
Eastern Service Center Air Traffic Organization
Phone: Office: (404)-305-5618

Date 12/17/2019

ATTACHMENTS

- Figure 1: KCHS OSPRI SIX (Existing)
- Figure 2: KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing)
- Figure 3: KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing). Amendment to CLFTN runway transition
- Figure 4: KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing). Amendment to GMCKS runway transition, lateral separation at GMCKS.
- Figure 5: KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing). Amendment to GMCKS runway transition, lateral separation at LLEXI.
- Figure 6: KCHS OSPRI SEVEN (FINAL)

ATTACHMENTS

KCHS OSPRI SIX (Existing)

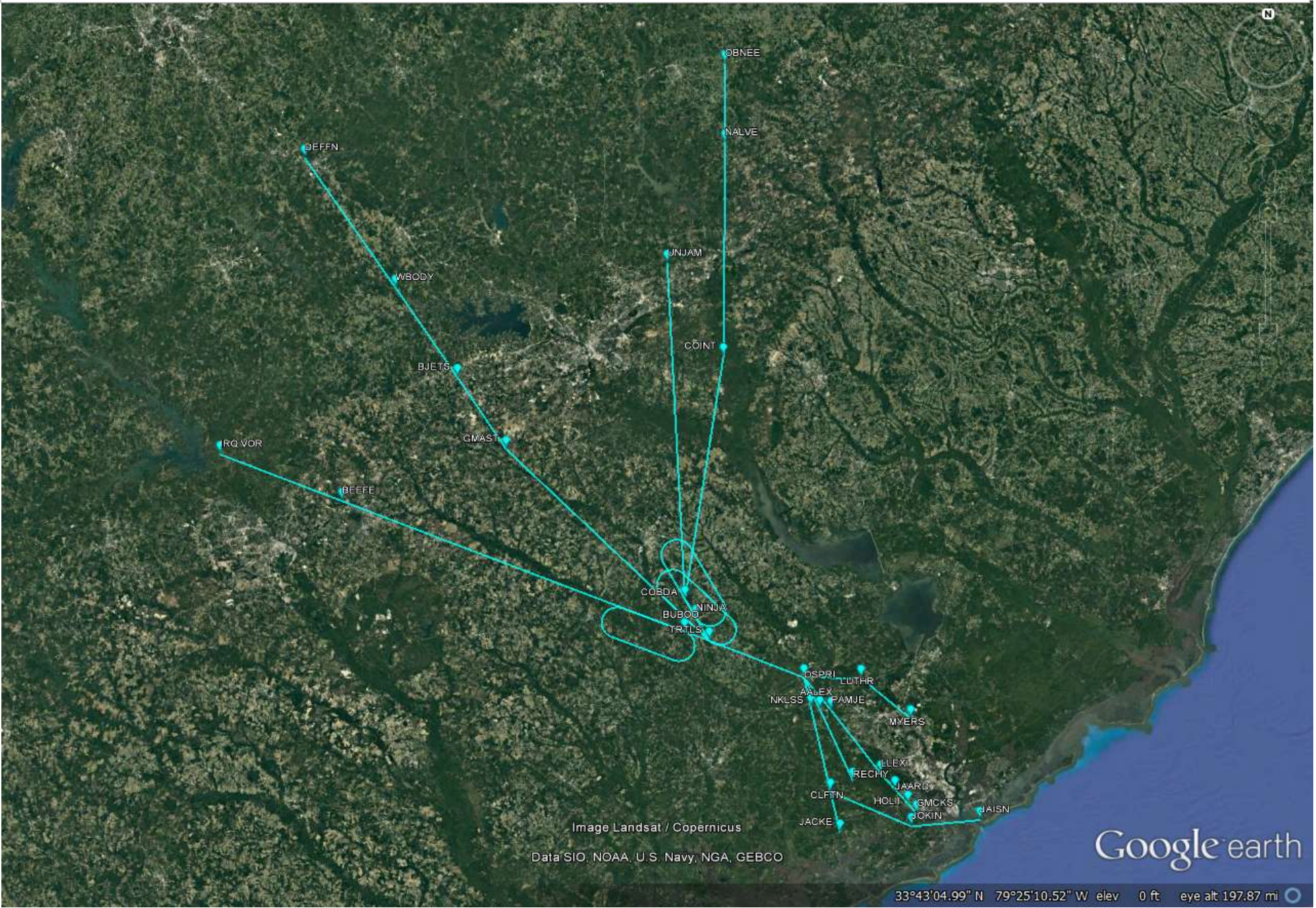


Figure No. 1

KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing)

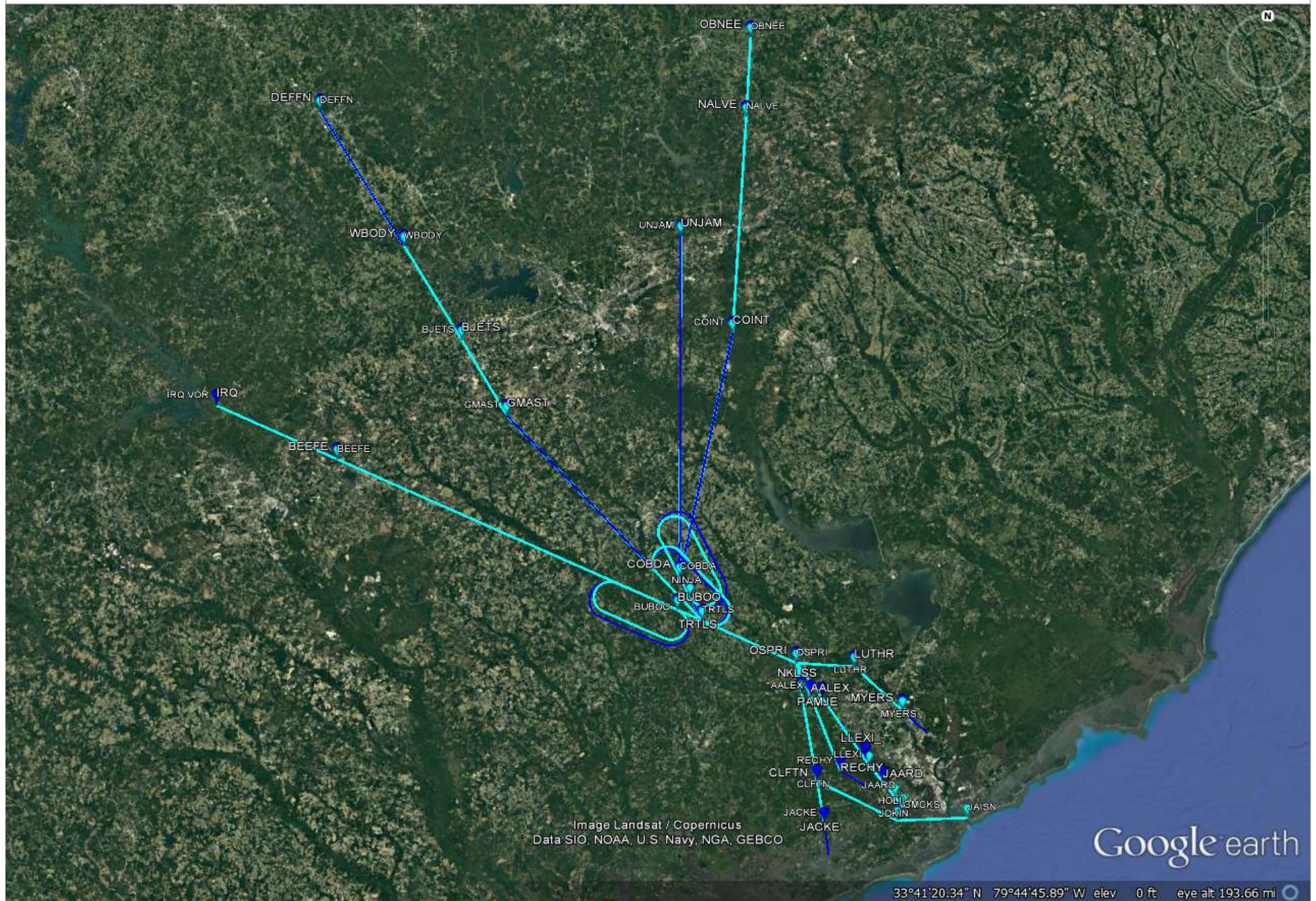


Figure No. 2

KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing). Amendment to CLFTN runway transition

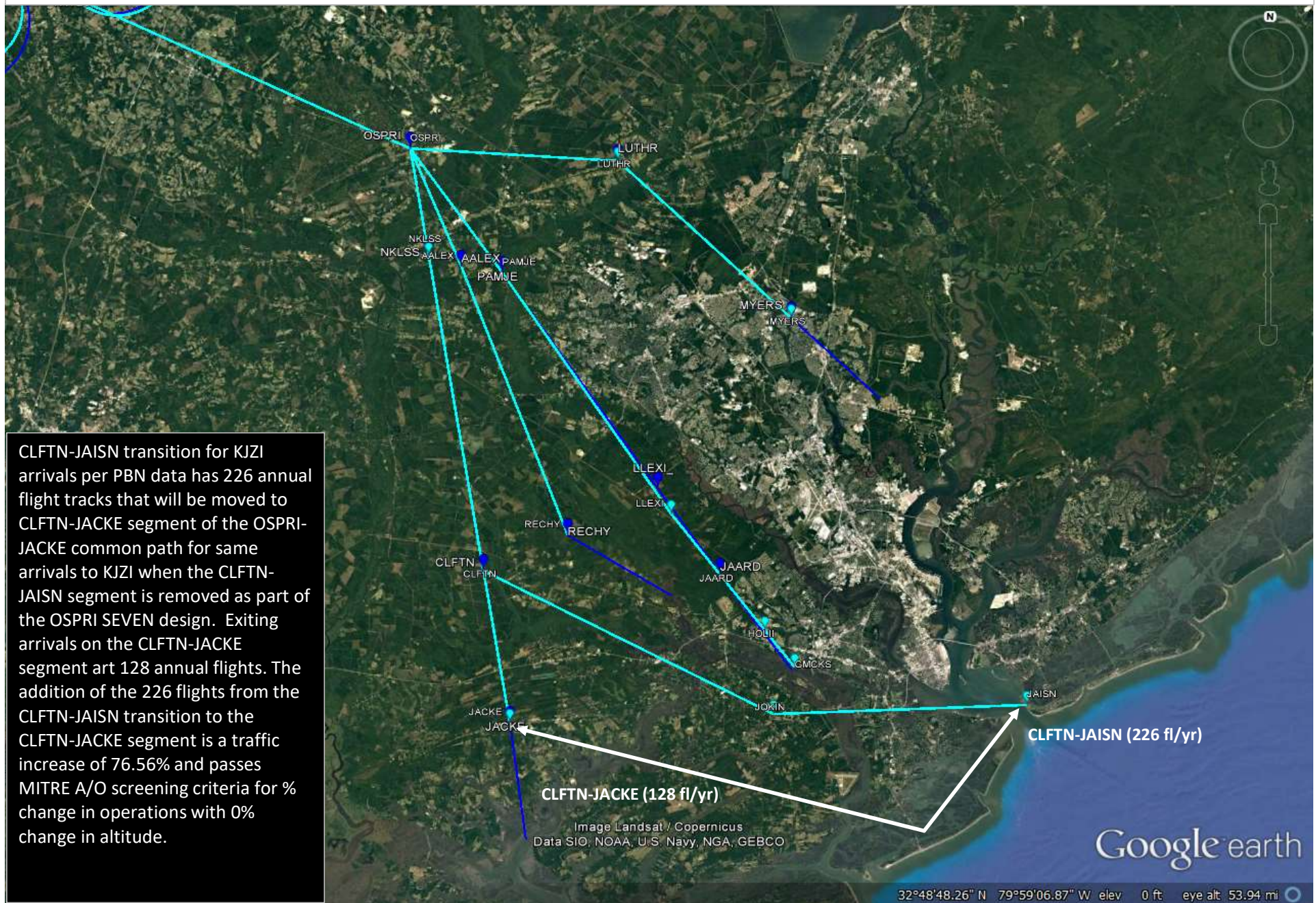


Figure No. 3

KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing). Amendment to GMCKS runway transition, lateral separation at GMCKS

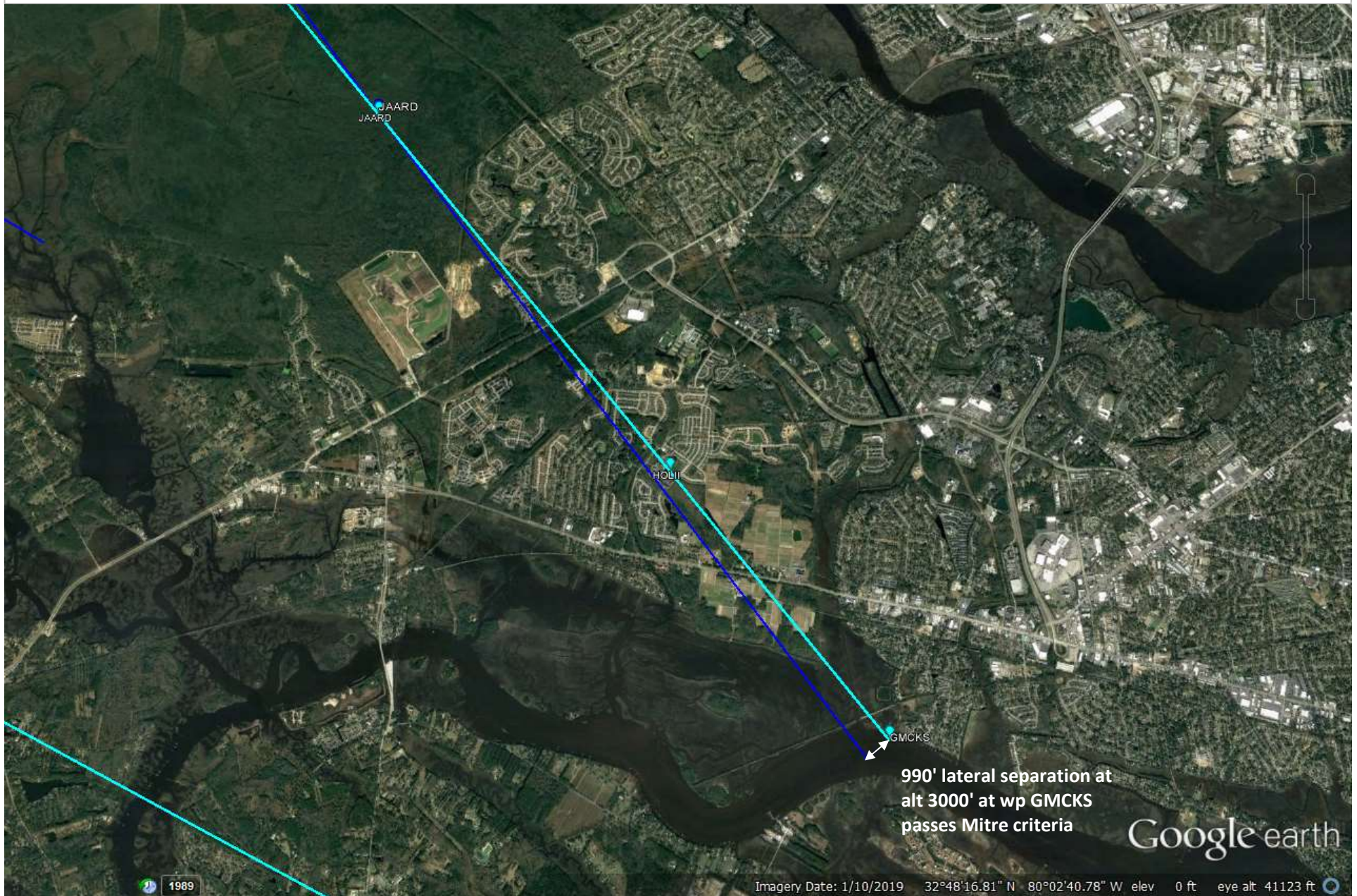


Figure No. 4

KCHS OSPRI SEVEN (Proposed) overlay of OSPRI SIX (Existing). Amendment to GMCKS runway transition, lateral separation at wp LLEXI

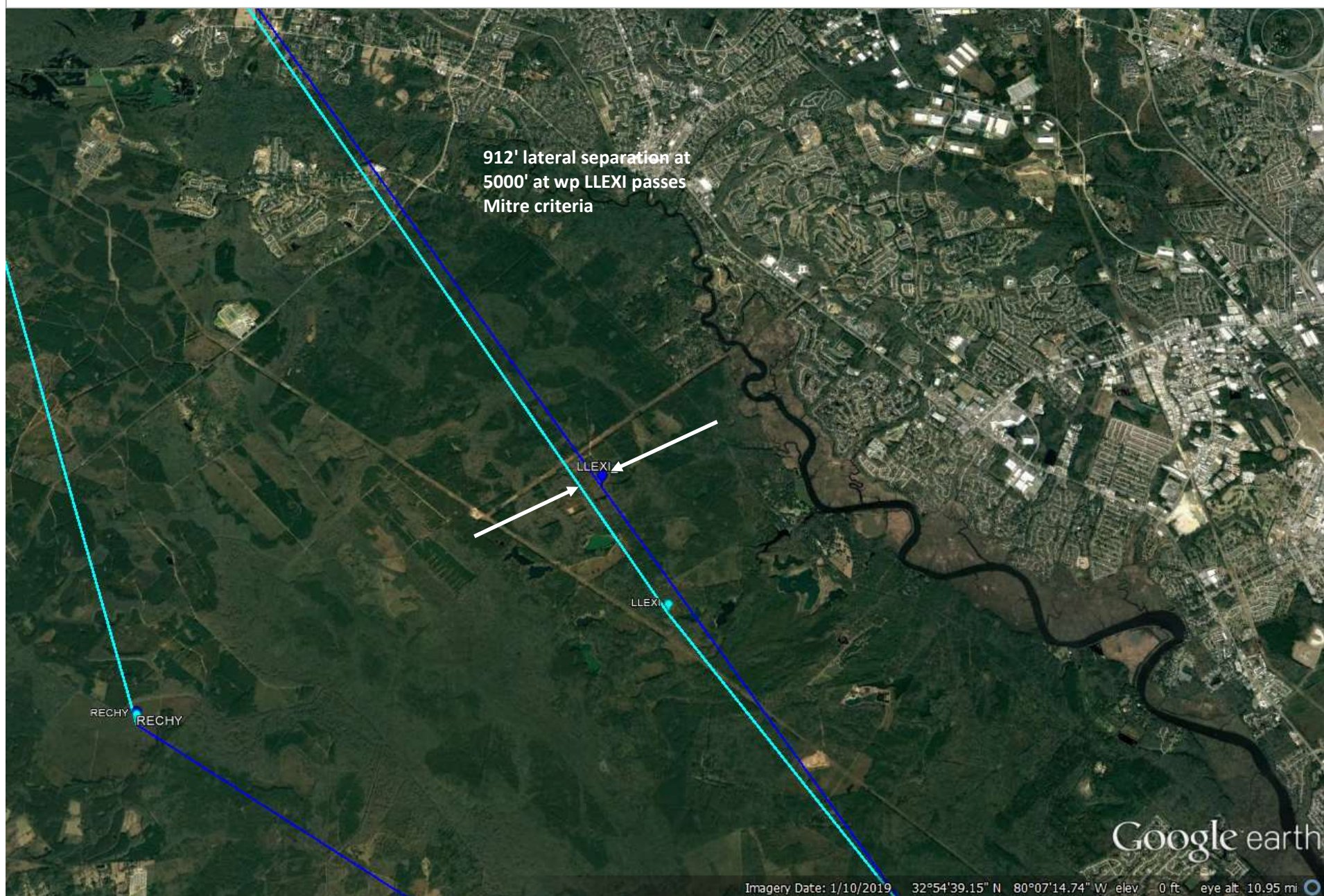


Figure No. 5

KCHS OSPRI SEVEN (FINAL)

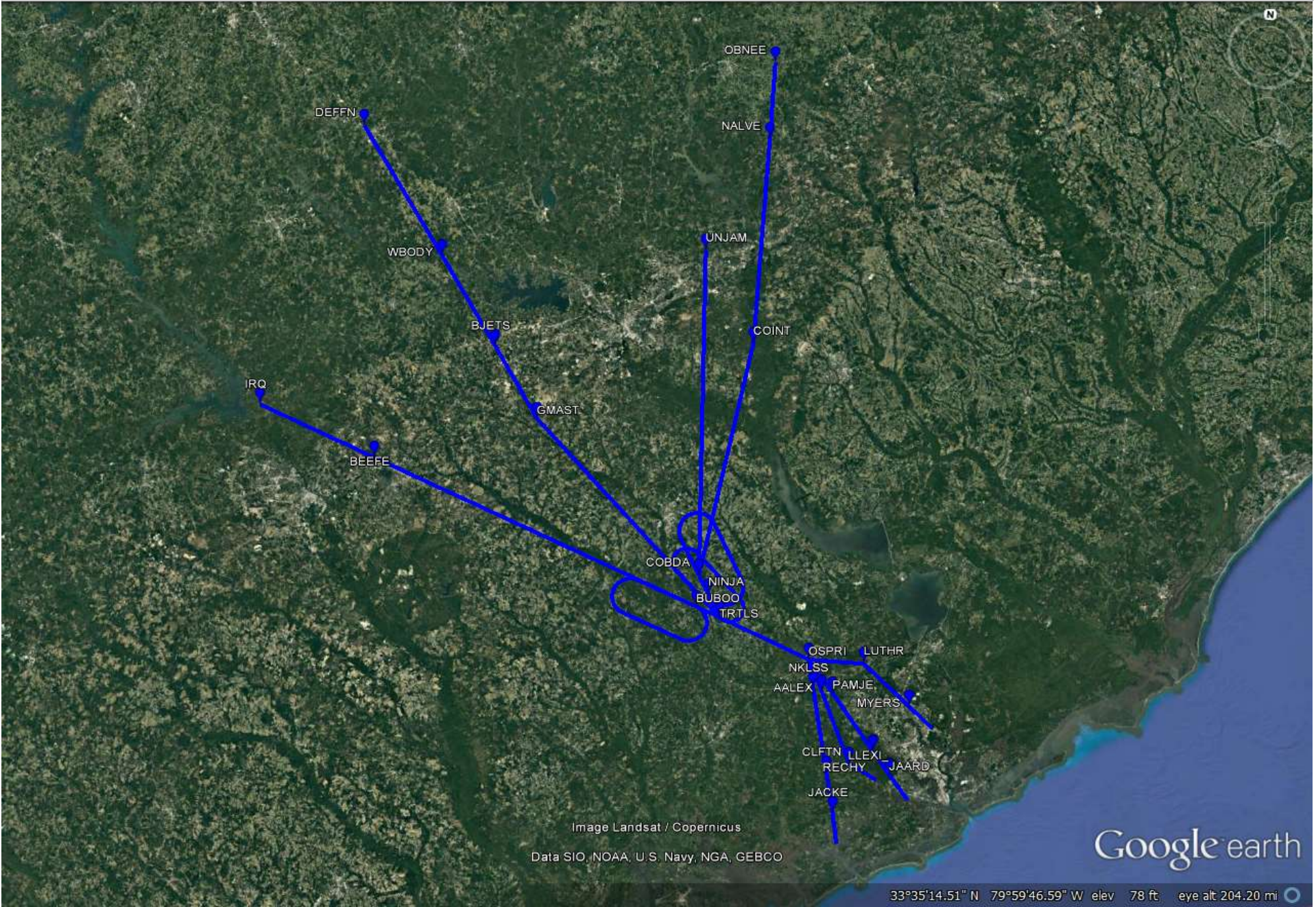
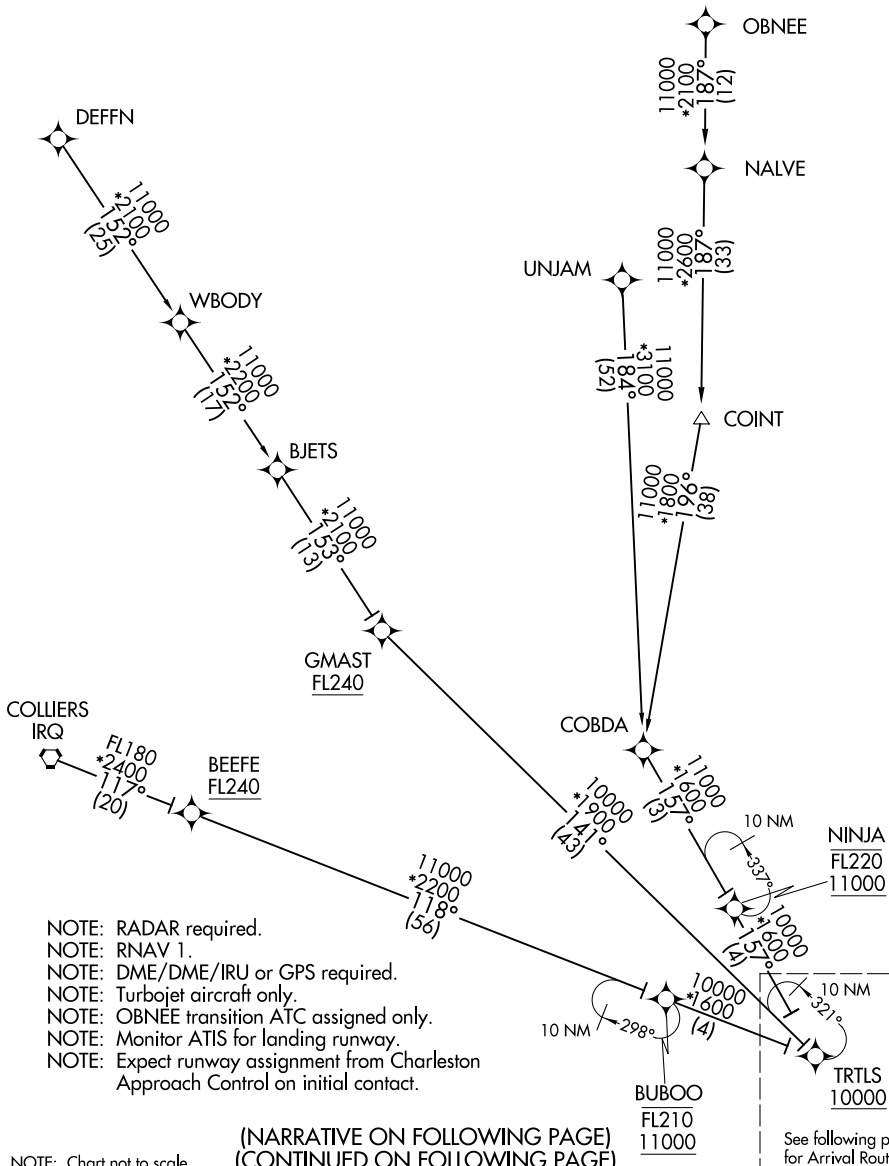


Figure No. 6

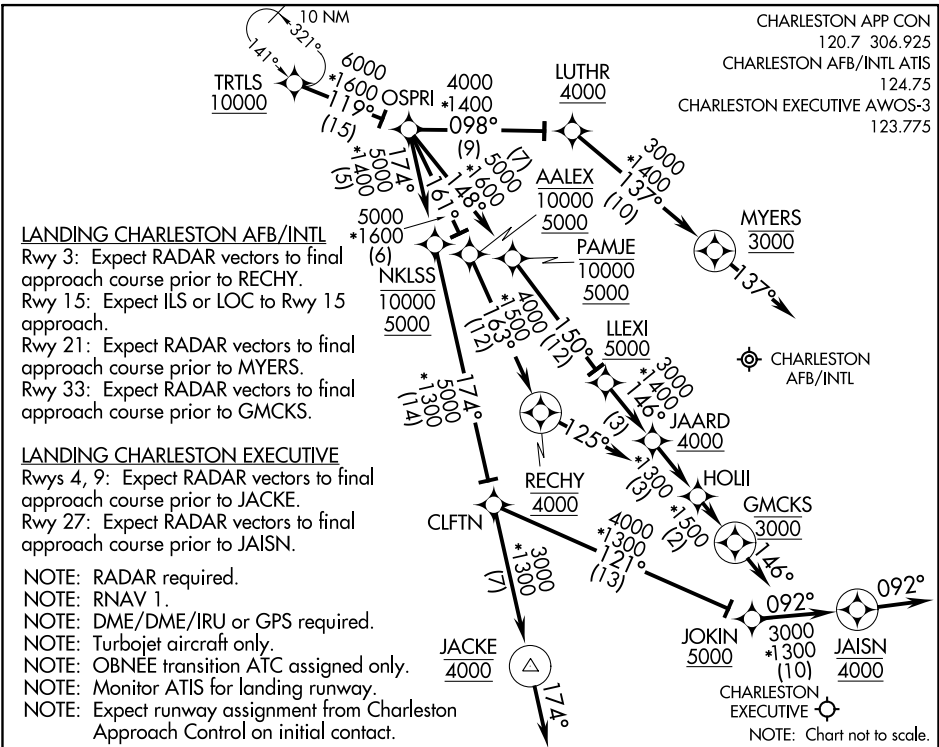
CHARLESTON APP CON
120.7 306.925
CHARLESTON AFB/INTL ATIS
124.75
CHARLESTON EXECUTIVE AWOS-3
123.775

COLLIERS TRANSITION (IRQ.OSPRI6)
DEFFN TRANSITION (DEFFN.OSPRI6)
OBNEE TRANSITION (OBNEE.OSPRI6)
UNJAM TRANSITION (UNJAM.OSPRI6)



NOTE: Chart not to scale.

See following page for Arrival Routes.



ARRIVAL ROUTE DESCRIPTION

From TRTLS on track 119° to OSPRI.

LANDING CHARLESTON AFB/INTL
Rwy 3: From OSPRI on track 161° to cross AALEX between 5000 and 10000, then on track 163° to cross RECHY at 4000, then on heading 125°. Expect RADAR vectors to final approach course.
Rwy 15: From OSPRI on track 098° to cross LUTHR at/above 4000. Expect ILS or LOC to Rwy 15.
Rwy 21: From OSPRI on track 098° to cross LUTHR at/above 4000, then on track 137° to cross MYERS at 3000, then on heading 137°. Expect RADAR vectors to final approach course.
Rwy 33: From OSPRI on track 148° to cross PAMJE between 5000 and 10000, then on track 150° to cross LLEXI at/above 5000, then on track 146° to cross JAARD at/above 4000, then on track 146° to HOLI, then on track 146° to cross GMCK at 3000, then on heading 146°. Expect RADAR vectors to final approach course.

LANDING CHARLESTON EXECUTIVE
Rwys 4 and 9: From OSPRI on track 174° to cross NKLS between 5000 and 10000, then on track 174° to CLFTN, then on track 174° to cross JACK at 4000, then on heading 174°. Expect RADAR vectors to final approach course.
Rwy 27: From OSPRI on track 174° to cross NKLS between 5000 and 10000, then on track 174° to CLFTN, then on track 121° to cross JOKIN at/above 5000, then on track 092° to cross JAISN at 4000, then on heading 092° or as assigned by ATC. Expect RADAR vectors to final approach course.