

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR	Estimated Chart Date: 08/07/2025	APWS Task ID: 649B16BEF5DF43599AFC9A0BD72055A7	APWS Project ID: 79AF43DF584F47DA8387885173A4D140
Procedure: CENTERPOINT THREE ARRIVAL		Enroute: YES	Specialist: Young, Silvia		Agreement Number:
Airport ID: KSAT			Airport City: SAN ANTONIO		State: TX
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: ACTIVE DATA USED FOR KSAT AIRPORT AND RWYS. APPROVAL LETTER: 1. LLITE TO RBNSN LEG LENGTH FOR DECELERATION. CONTACT JOSEPH L. ZEDER 405.954.9111 8260-2 LLITE 05/28/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/08/2025 CHANGED FAC 1 MAG/TRUE BRG FROM 098.14/106/16 TO 106.14/114.14 06/9/2025: THIS IS AN UPDATED COPY OF THE FROM DEVELOPED ON 02/13/2025. EFFECTIVE DATE: ADDED 08/07/2025 03/11/2025					

QUALITY
9
CHECKED
BEGUE

QUALITY
16
CHECKED

QUALITY
14
CHECKED

FIPC BASIC FORM						
PROCEDURE: CENTERPOINT THREE ARRIVAL			AIRPORT NAME: SAN ANTONIO INTL		AIRPORT ID: KSAT	SPECIAL CONTROL NO: OP-04-167-25
FAC ID: CSI3		CITY: SAN ANTONIO			ST: TX	ORIG CHART DATE: 08/07/2025
DFL TYPE: PROC/T	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:	PTS TASK ID: 649B16BEF5DF43599AFC9A0BD72055A7		
PREFLIGHT NOTES						
REVIEWER: mark j rogers					DATE: 05/27/2025	
COMMENTS: Conflicting course information on the 8260-2 for the LLITE anf RBNSN fixes.					CHECK ONE: ☐ FLT CK REQ ☐ NFCR ☒ REJECT YES NO CPV COMPLETE? X 	
PROCEDURE RESULTS						
INSPECTION DATE: 05/27/2025	CREW #: VN442	N #:	INSTRUMENT PROCEDURE STATUS: ☐ SAT ☐ SAT W/CHANGES ☒ UNSAT		ARINC CODING: ☐ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: mark j rogers @ 05/27/2025 14:59			PRINTED NAME: ROGERS, MARK JOSEPH			NOTAM INITIATED? ☐ YES ☒ NO
FLIGHT INSPECTOR REMARKS: Conflicting course information on the 8260-2 for the LLITE anf RBNSN fixes.						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		



Federal Aviation Administration

Memorandum

Date: February 26, 2025
To: Wayne Eckenrode, Fight Procedures Team Manager
From: Dave Mullinax, Support Manager, Airspace and Procedures
Houston District (TCHU1-ZHU)
Subject: Letter of Approval Request CENTERPOINT ARRIVAL, KSAT

KSAT CENTERPOINT Standard Terminal Arrival Route (STAR): LLITE TO RBNSN Leg Length for Deceleration.

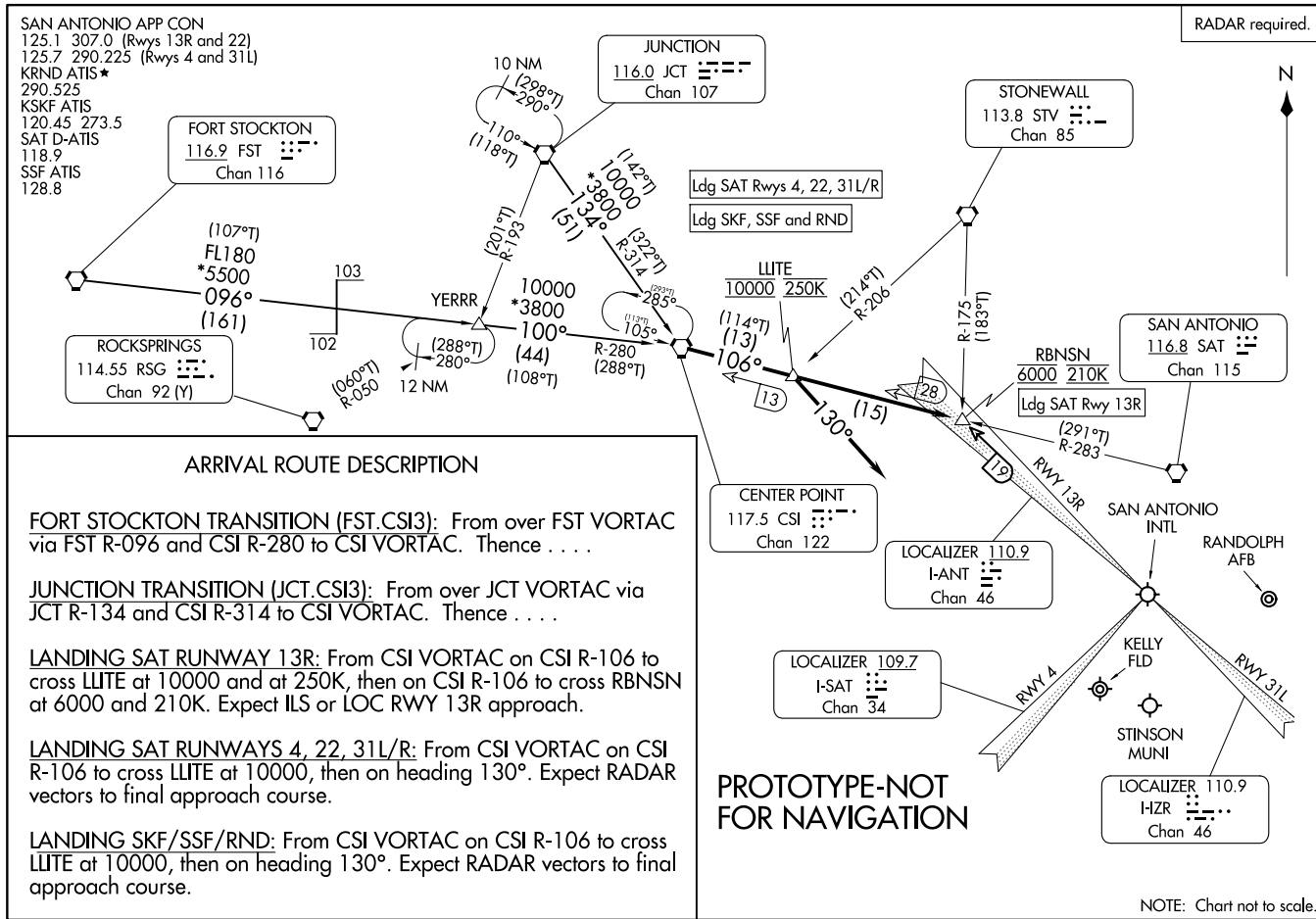
Currently, criteria evaluate loss of altitude and airspeed wholly contained within a single segment, not through the entirety of the flown procedure. FAAO 8260.3G, PARA 2-2-10 prescribes allowable deceleration distances for STAR development.

The length of the leg from LLITE TO RBNSN is 15 NM. This leg must be at least 20 NM long due to deceleration from 250.0 KIAS to 210 KIAS between 10000.0 ft. MSL to 6000.0 ft MSL. Flight Standards approval is required.

The total distance from LLITE TO RBNSN is 15 NM and the segment requires the aircraft to lose 4000ft of altitude and 40 KTS of airspeed. Using formula 2-2-2 of 8260.3E, computes a minimum deceleration distance of 20NM. Industry indicates that the procedure can be easily managed without increased energy management actions by the flight crew and these altitude restrictions and speed restrictions have been published on this procedure for several years without any reported issues.

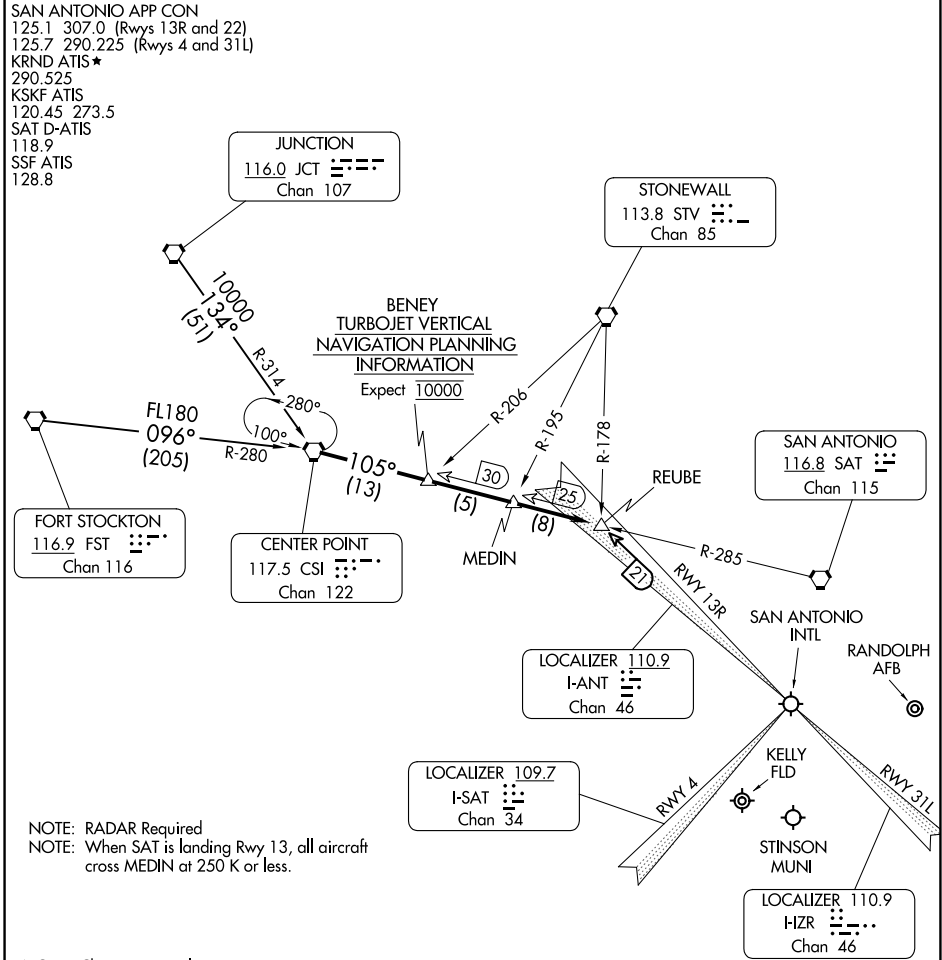
Therefore, the Houston District is requesting a Letter of Approval (LOA) to continue to utilize the CENTERPOINT STAR with the segment length of 15NM from the fix LLITE to the fix RBNSN.

Dave Mullinax
Support Manager, Airspace and Procedures
Houston District



CENTERPOINT TWO ARRIVAL

SAN ANTONIO, TEXAS



ARRIVAL ROUTE DESCRIPTION

FORT STOCKTON TRANSITION (FST.CSI2): From over FST VORTAC via FST R-096 and CSI R-280 to CSI VORTAC. Thence . . .

JUNCTION TRANSITION (JCT.CSI2): From over JCT VORTAC via JCT R-134 and CSI R-314 to CSI VORTAC. Thence . . .

. . . From over CSI VORTAC on CSI R-105 to REUBE INT. Expect vectors to final approach course.

CENTERPOINT TWO ARRIVAL

SAN ANTONIO, TEXAS

KSAT
SAN ANTONIO, TX
SAN ANTONIO INTL
CENTERPOINT THREE
1:1,750,000

JCT VORTAC Holding
AAO (2661)

JCT VORTAC to CSI VORTAC
TOWER (2739)48-013629

CSI VORTAC to LLITE
AAO (2382)

FST VORTAC to YERRR
AAO (3422)

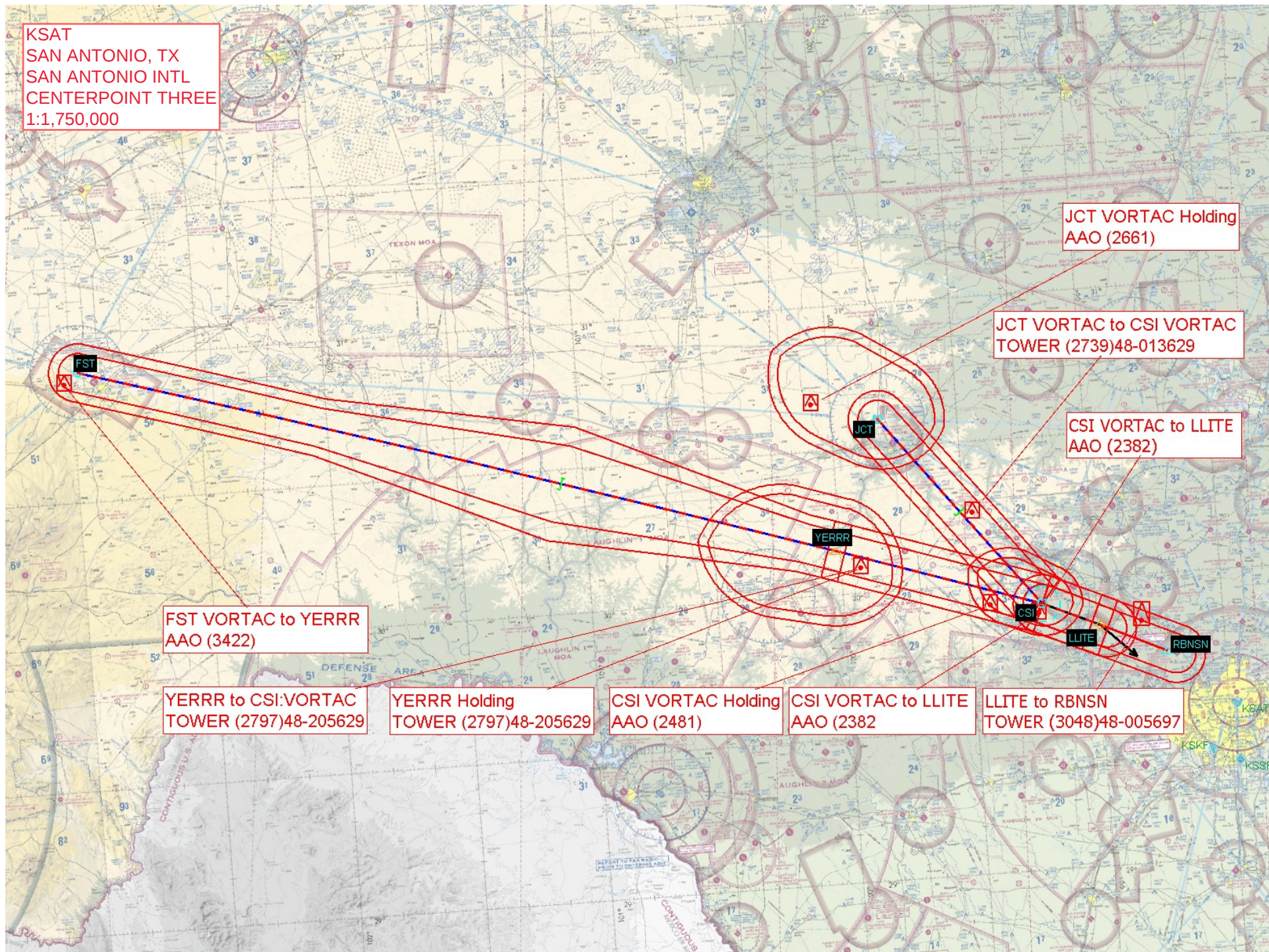
YERRR to CSI VORTAC
TOWER (2797)48-205629

YERRR Holding
TOWER (2797)48-205629

CSI VORTAC Holding
AAO (2481)

CSI VORTAC to LLITE
AAO (2382)

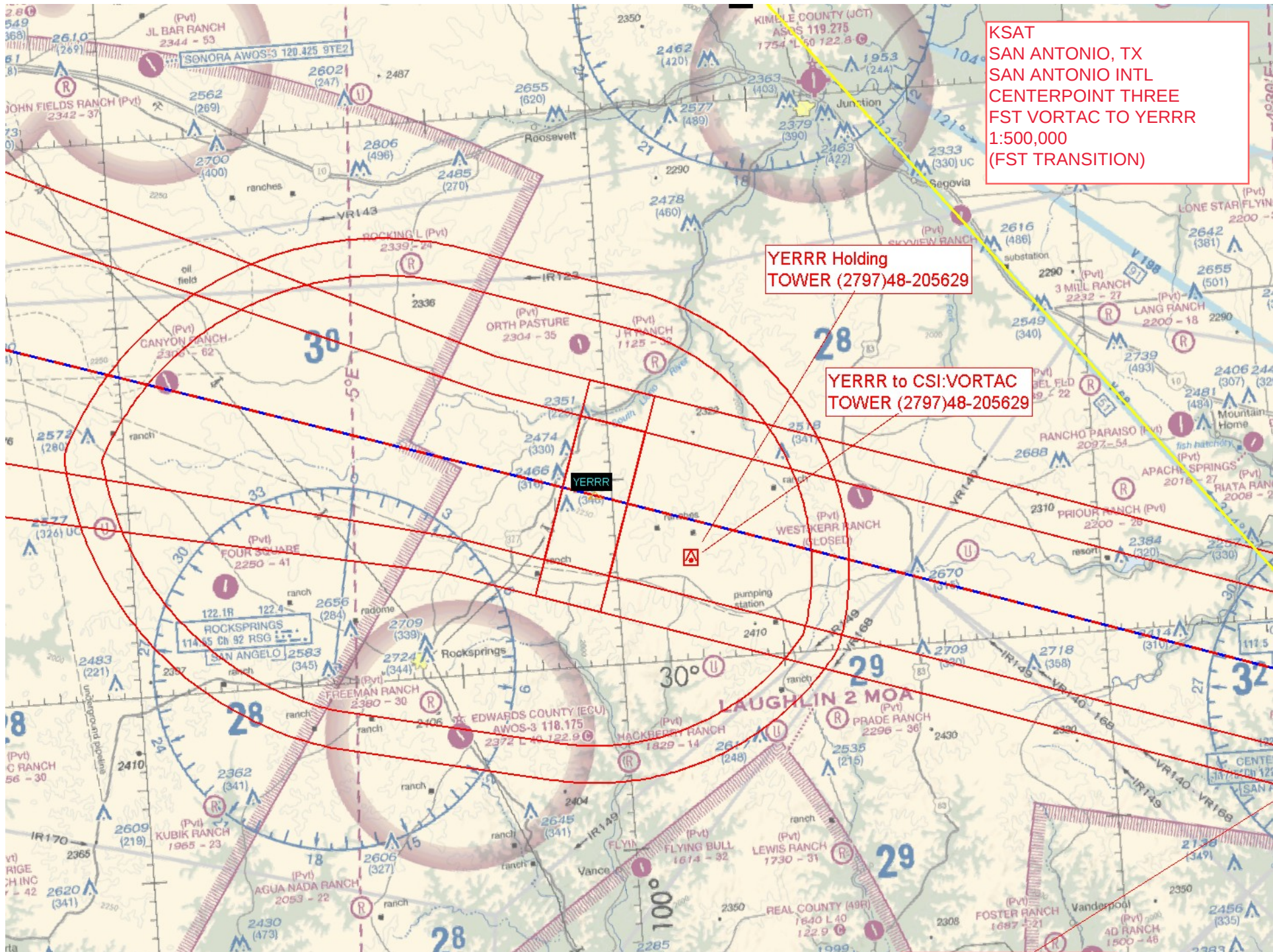
LLITE to RBNSN
TOWER (3048)48-005697



KSAT
SAN ANTONIO, TX
SAN ANTONIO INTL
CENTERPOINT THREE
FST VORTAC TO YERRR
1:500,000
(FST TRANSITION)

FST VORTAC to YERRR
AAO (3422)

KSAT
SAN ANTONIO, TX
SAN ANTONIO INTL
CENTERPOINT THREE
COP FOR FST VORTAC TO YERRR
1:500,000
(FST TRANSITION)

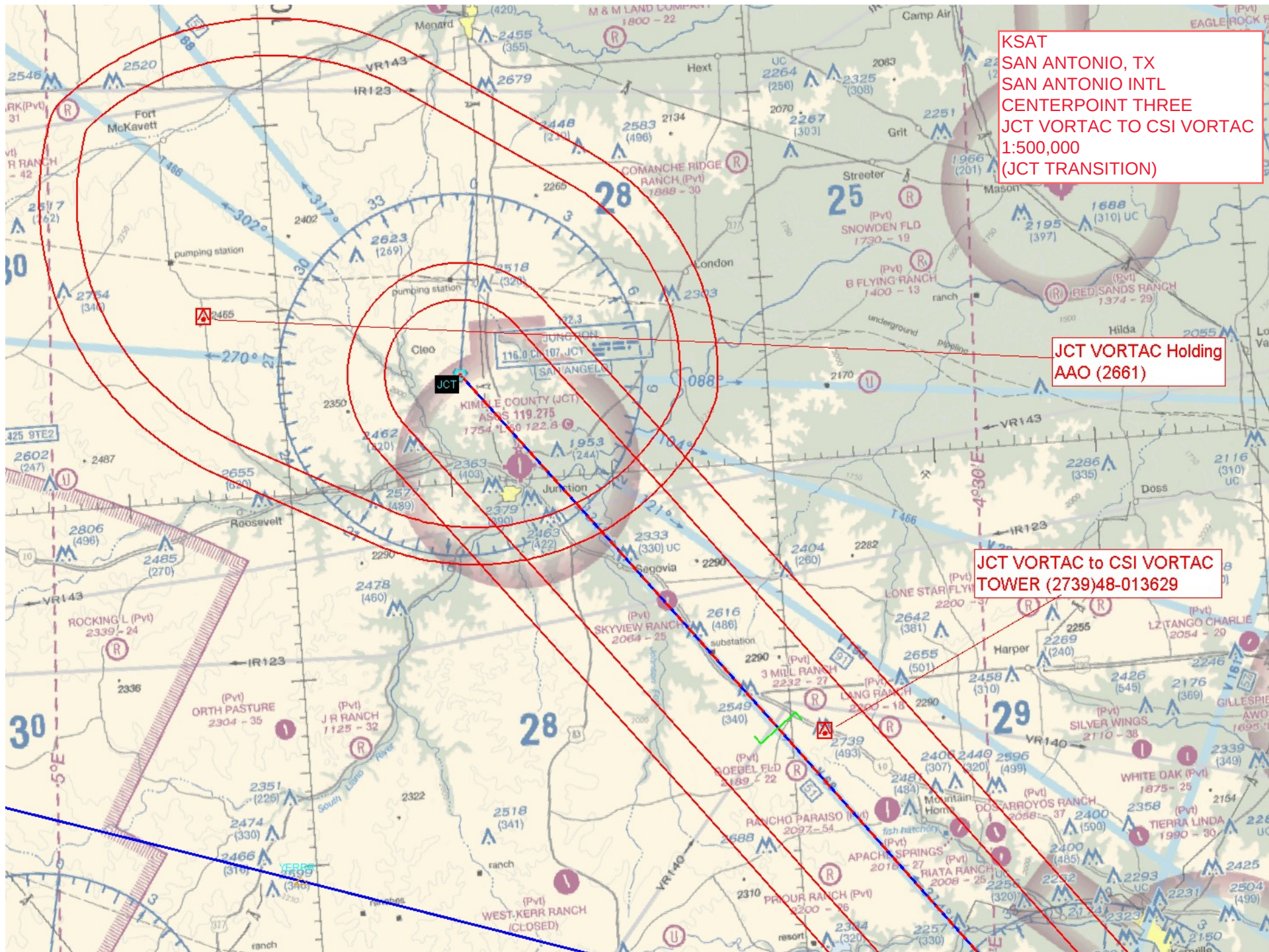


KSAT
SAN ANTONIO, TX
SAN ANTONIO INTL
CENTERPOINT THREE
FST VORTAC TO YERRR
1:500,000
(FST TRANSITION)

YERRR Holding
TOWER (2797)48-205629

YERRR to CSI:VORTAC
TOWER (2797)48-205629

CTC SAN ANTONIO APP WITHIN
1 NM ON 125.7 307.0



KSAT
SAN ANTONIO, TX
SAN ANTONIO INTL
CENTERPOINT THREE
CSI VORTAC TO LITTE TO RBNSN
1:500,000
(FST TRANSITION)

CSI VORTAC to LLITE
AAO (2382)

LLITE to RBNSN
TOWER (3048)48-005697

CSI VORTAC Holding
AAO (2481)

CSI VORTAC to LLITE
AAO (2382

WARESVILLE
1347 - 14

RANDOLPH 2A MOA

CAUTION

Extensive pilot training being conducted under the Randolph 2A MOA and
at Wood County Airport from the surface to 7500' MSL