

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 01/25/2024	APWS Task ID: 3F858CC8BA0244BCADA2E1C53CA6984F	APWS Project ID: 27003B28E1344668870FE0BCFD20BBE7
Procedure: SID TJANO (RNAV) ONE SAN ANTONIO TX KSAT		Enroute: YES	Specialist: Brandenburg, Phillip		Agreement Number:
Airport ID: KSAT			Airport City: SAN ANTONIO		State: TX
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<div>Procedure Comments:</div> <div>ACTIVE DATA USED FOR KSAT</div> <div>CONTACT ALLAN WILL 4059546103</div> <div>ESV(S): (1): ALICE (ALI) VOR (1)</div> <div><div>Digitally signed by</div><div>JASON KRETSCHMER</div><div>Aug 11, 2023</div></div> <div><div>QUALITY</div><div>41</div><div>CHECKED</div></div> <div><div>QUALITY</div><div>8</div><div>CHECKED</div></div>					

FIPC DME/DME FORM								
PROCEDURE: SID TJANO (RNAV) ONE SAN ANTONIO TX KSAT			AIRPORT NAME: SAN ANTONIO INTL		AIRPORT ID: KSAT	SPECIAL CONTROL NO: OG-06-205-23		
FAC ID: TJANO1		CITY: SAN ANTONIO			ST: TX	ORIG CHART DATE: 10/05/2023		
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:		PTS TASK ID: 3F858CC8BA0244BCADA2E1C53CA6984F			
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: 08/08/2023		CREW #: VN258	N #: N86	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: james hawley @ 08/08/2023 16:02			PRINTED NAME: HAWLEY, JAMES MICHAEL				NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
FLIGHT INSPECTOR REMARKS:								
DME/DME STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT		SPECIALIST SIGNATURE: jose g-ctr medina @ 08/15/2023 10:22			PRINTED NAME: Jose G. Medina			
SPECIALIST REMARKS: Post Flight DME/DME has been performed on the segments of the KSAT TJANO 1 SID flown by Flight Inspection. Segments flown under the KSAT TJANO 1 SID procedure name received ESV's and DME's as modelled and are suitable for navigation using DME/DME/IRU. Segments flown were:LVACA-KAHAN, ZANNI-TEEPY.								
IN-FLIGHT OBSTACLE REPORT								
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:	

FIPC DME/DME FORM								
PROCEDURE: SID TJANO (RNAV) ONE SAN ANTONIO TX KSAT			AIRPORT NAME: SAN ANTONIO INTL		AIRPORT ID: KSAT	SPECIAL CONTROL NO: OG-06-205-23		
FAC ID: TJANO1		CITY: SAN ANTONIO			ST: TX	ORIG CHART DATE: 10/05/2023		
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:		PTS TASK ID: 3F858CC8BA0244BCADA2E1C53CA6984F			
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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: 08/08/2023		CREW #: VN258	N #: N86	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: james hawley @ 08/08/2023 16:02			PRINTED NAME: HAWLEY, JAMES MICHAEL				NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
FLIGHT INSPECTOR REMARKS:								
DME/DME STATUS: <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT		SPECIALIST SIGNATURE:			PRINTED NAME:			
SPECIALIST REMARKS:								
IN-FLIGHT OBSTACLE REPORT								
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:	

AL-369 (FAA)

TJANO ONE DEPARTURE (RNAV)

SAN ANTONIO INTL (SAT)

SAN ANTONIO, TEXAS

D-ATIS 118.9
CLNC DEL 126.7
CPDLC
GND CON
121.9 348.6
SAN ANTONIO TOWER
119.8 257.8
SAN ANTONIO DEP CON
125.1 307.0

RNAV 1 - DME/DME IRU or GPS.

RADAR required.

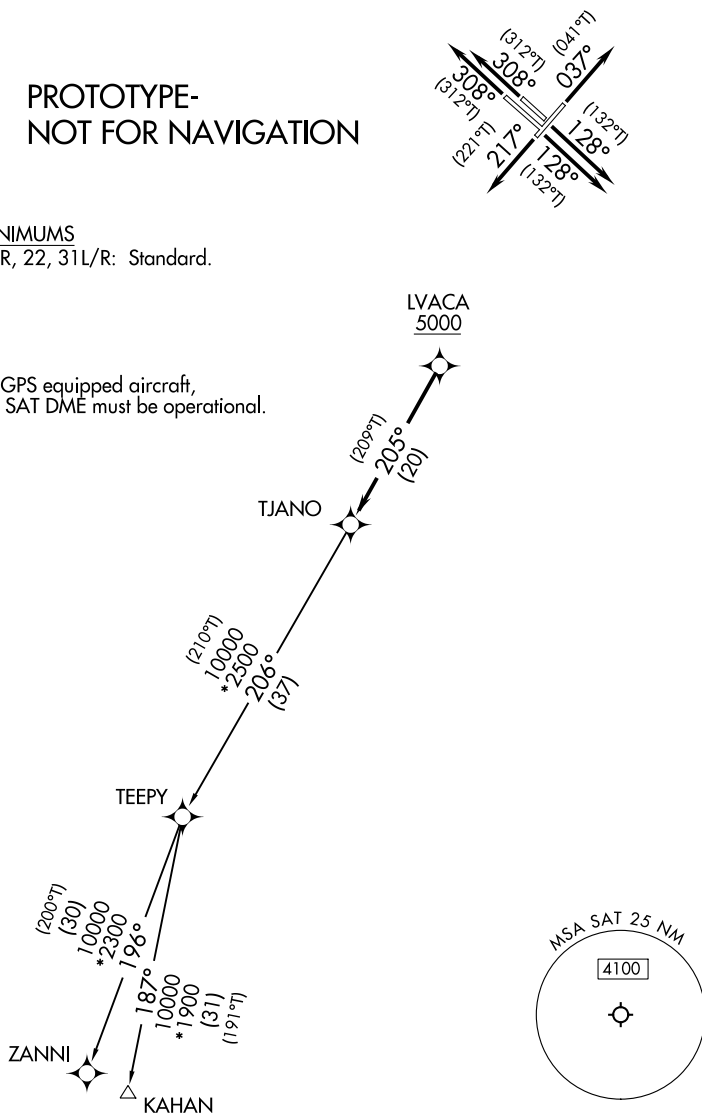
TOP ALTITUDE:
5000

PROTOTYPE-
NOT FOR NAVIGATION

TAKEOFF MINIMUMS

Rwys 4, 13L/R, 22, 31L/R: Standard.

NOTE: For non-GPS equipped aircraft,
THX and SAT DME must be operational.



(NARRATIVE ON FOLLOWING PAGE)

Note: Chart not to scale.

TJANO ONE DEPARTURE (RNAV)

(TJANO1.TJANO) FIG

SAN ANTONIO, TEXAS

SAN ANTONIO INTL (SAT)



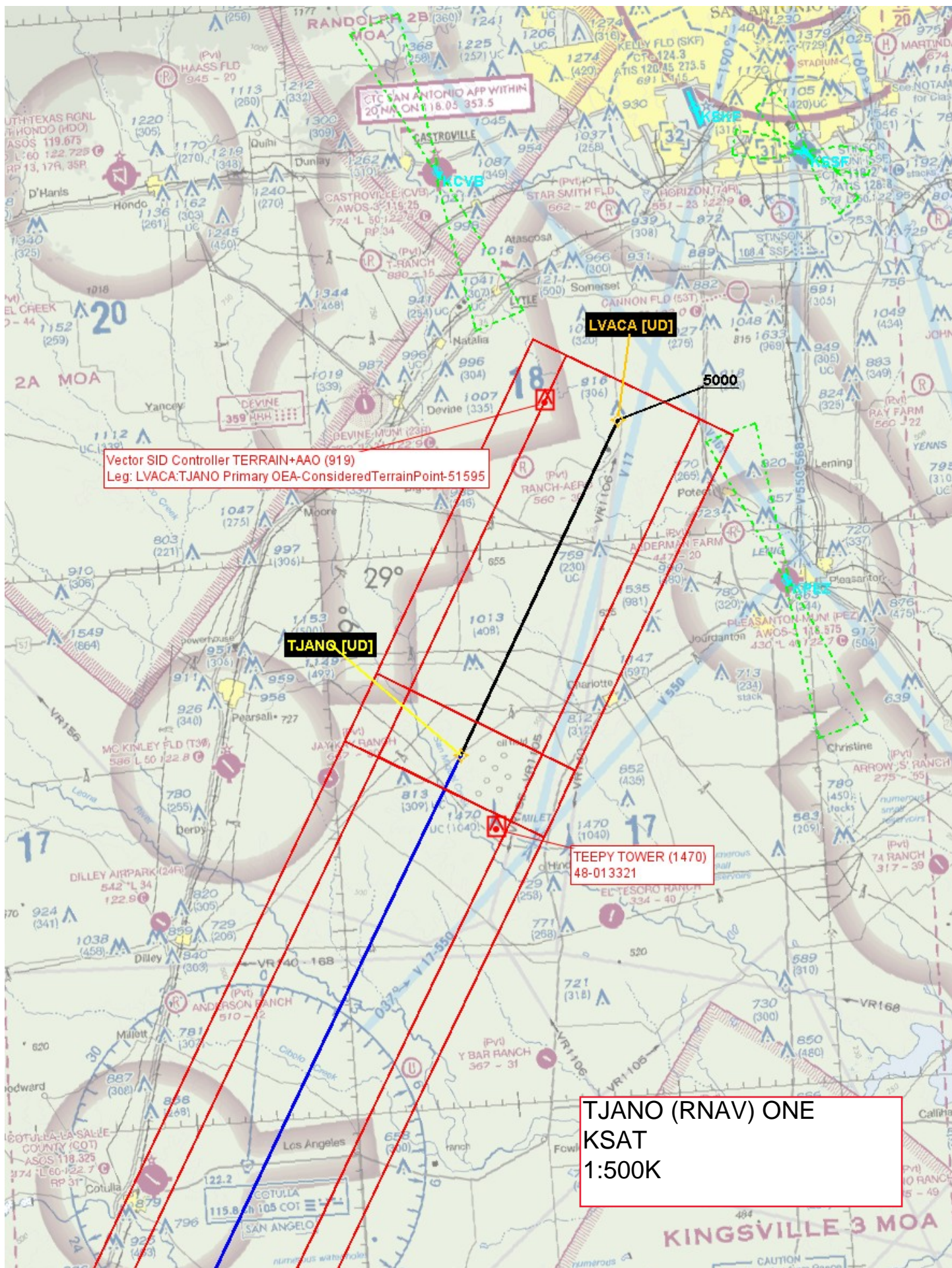
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb on heading 037° or as assigned by ATC,
for vectors to LVACA, thence. . .
TAKEOFF RUNWAY 13L/R: Climb on heading 128° or as assigned by ATC,
for vectors to LVACA, thence. . .
TAKEOFF RUNWAY 22: Climb on heading 217° or as assigned by ATC,
for vectors to LVACA, thence. . .
TAKEOFF RUNWAY 31L/R: Climb on heading 308° or as assigned by ATC,
for vectors to LVACA, thence. . .

...on track 205° to TJANO. Maintain 5000.

KAHAN TRANSITION (TJANO1.KAHAN)
ZANNI TRANSITION (TJANO1.ZANNI)

PROTOTYPE-NOT FOR NAVIGATION



Vector SID Controller TERRAIN+AAO (919)
Leg: LVACA:TJANO Primary OEA-Considered Terrain Point-51595

TEEPY TOWER (1470)
48-013321

TJANO (RNAV) ONE
KSAT
1:500K

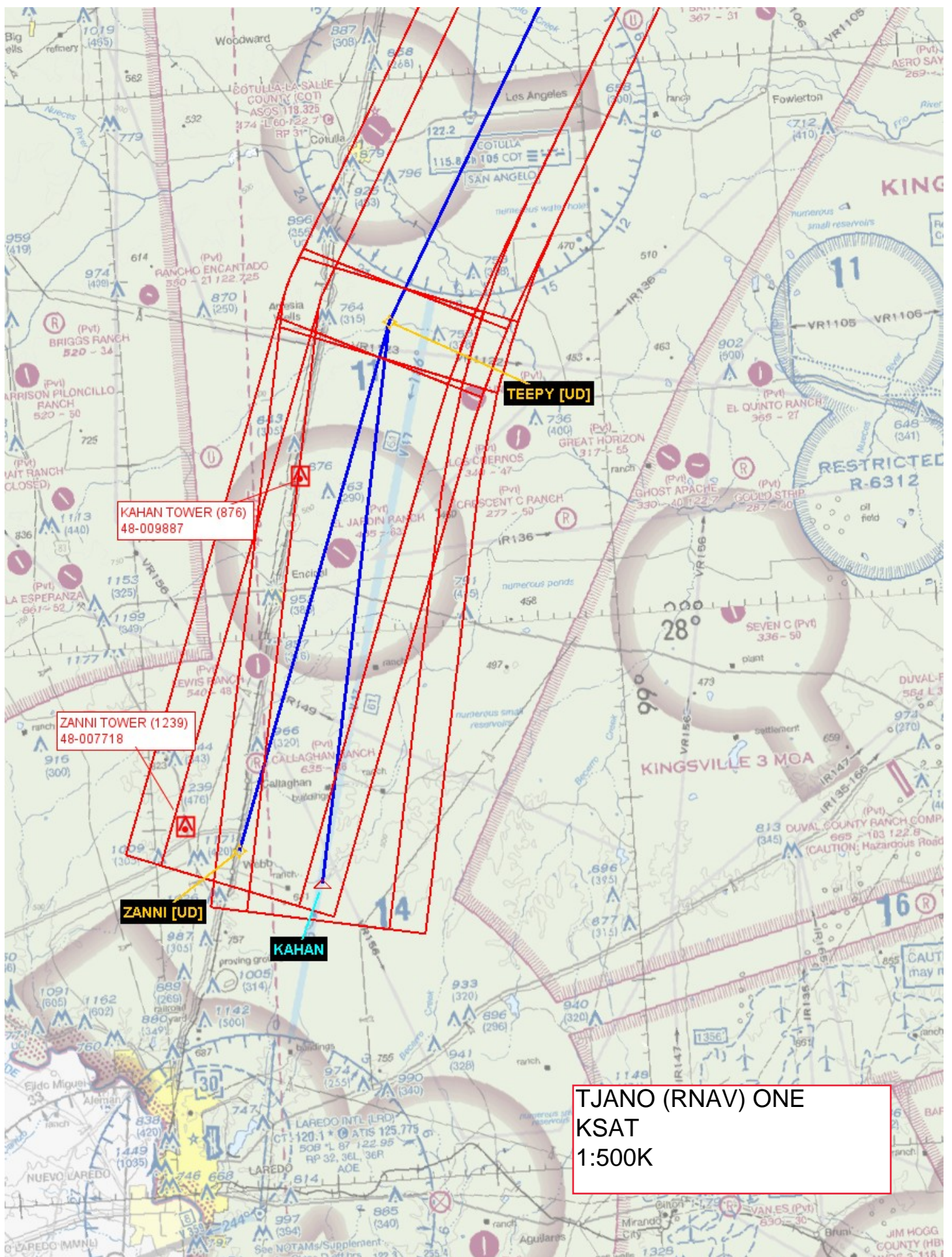
GTC SAN ANTONIO APP WITHIN
20 NM ONLY 18.05 353.5

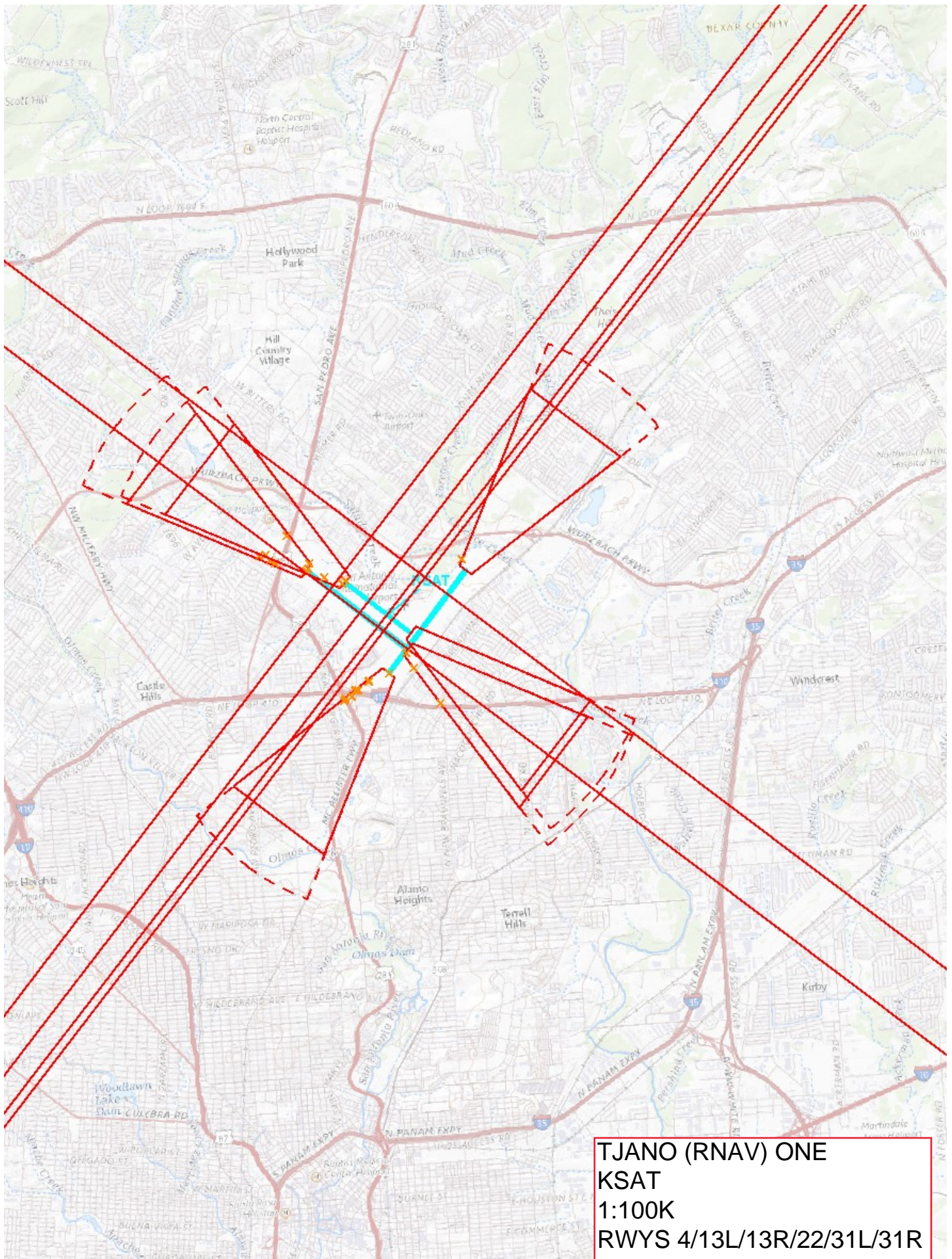
DEVINE
359 MHH

TJANO [UD]

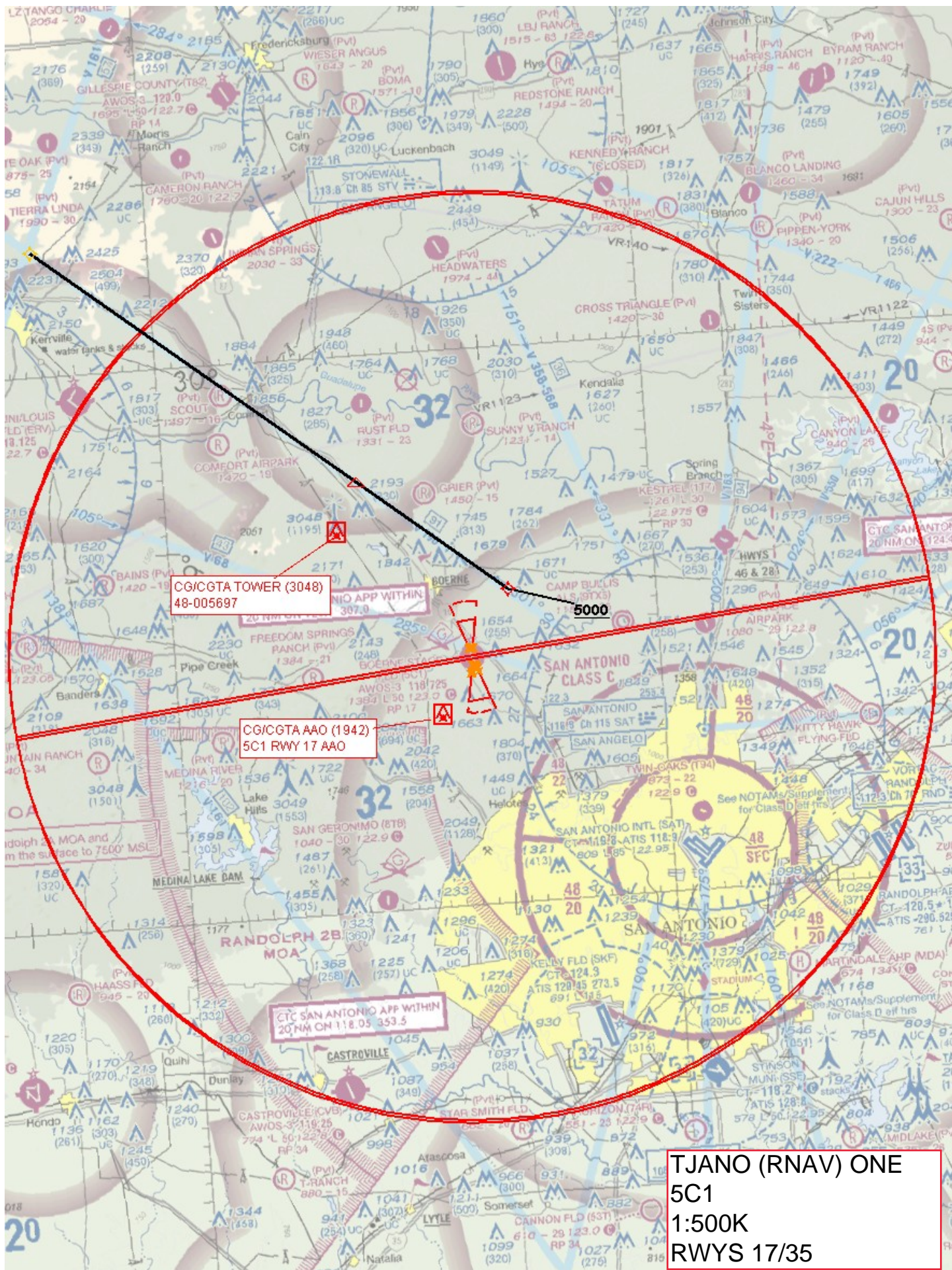
LVACA [UD]

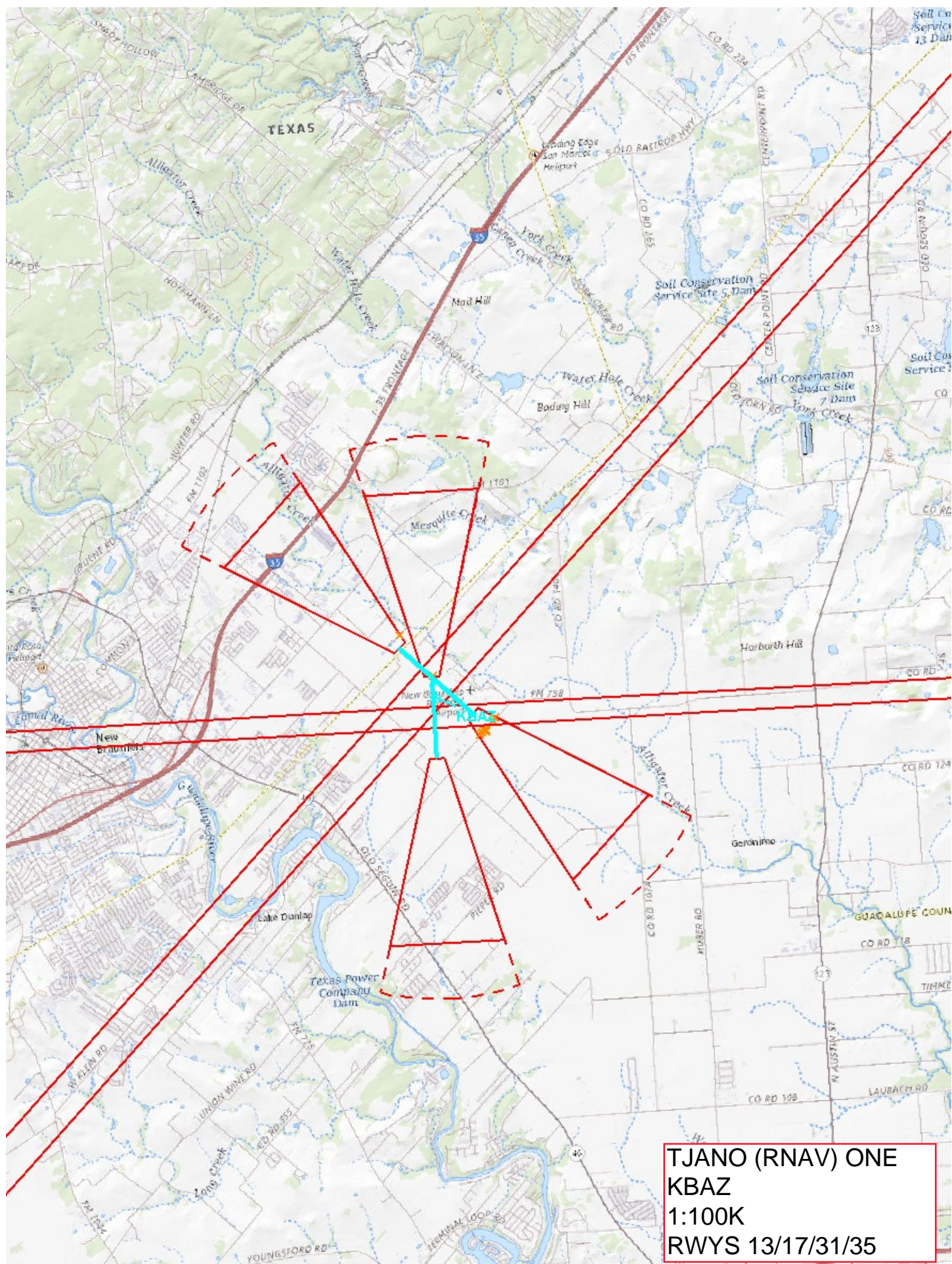
COTULLA LA SALLE
COUNTY (COT)
ASOS 118.325
3174 L 60-122.7
RP 31



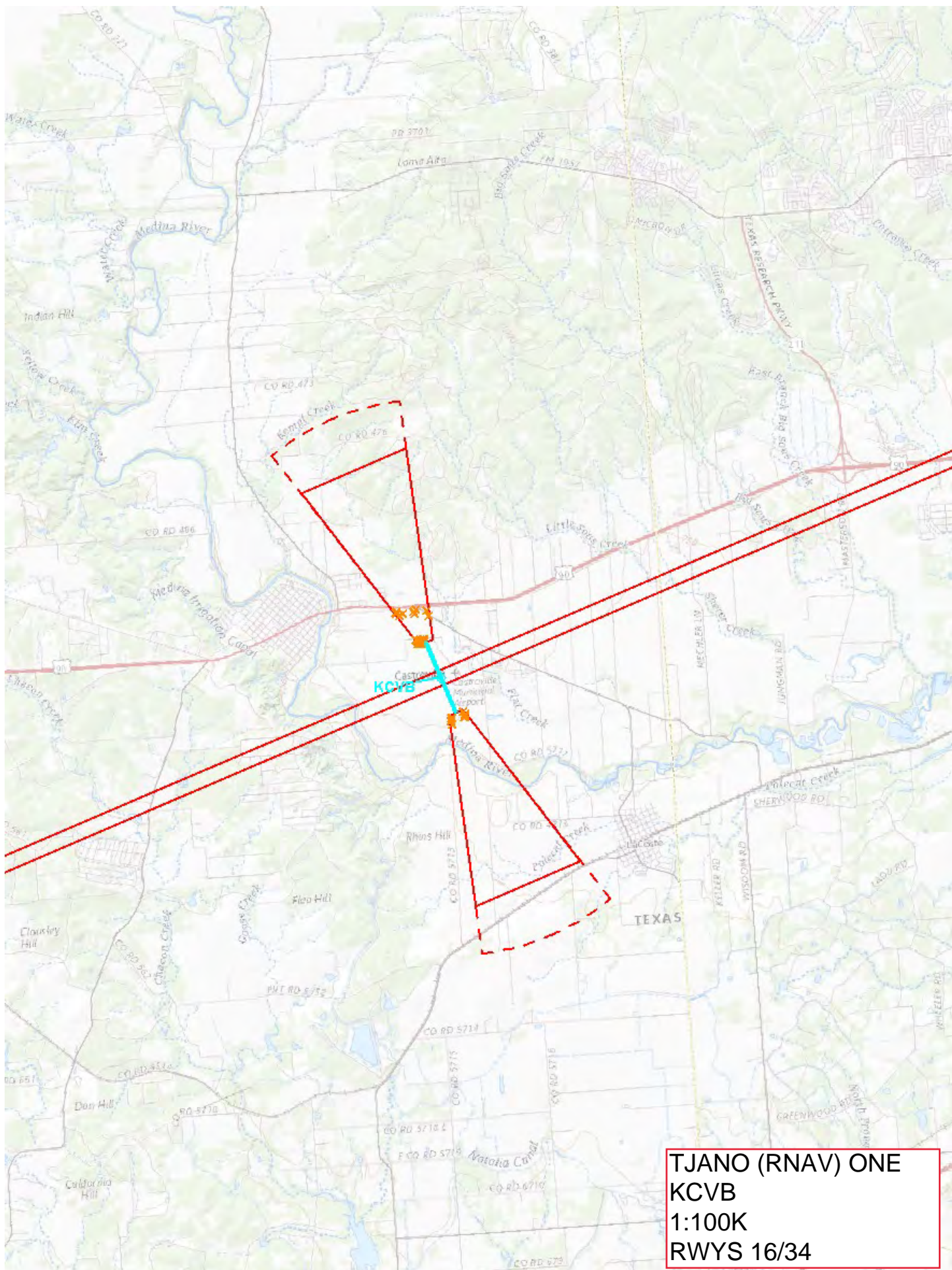






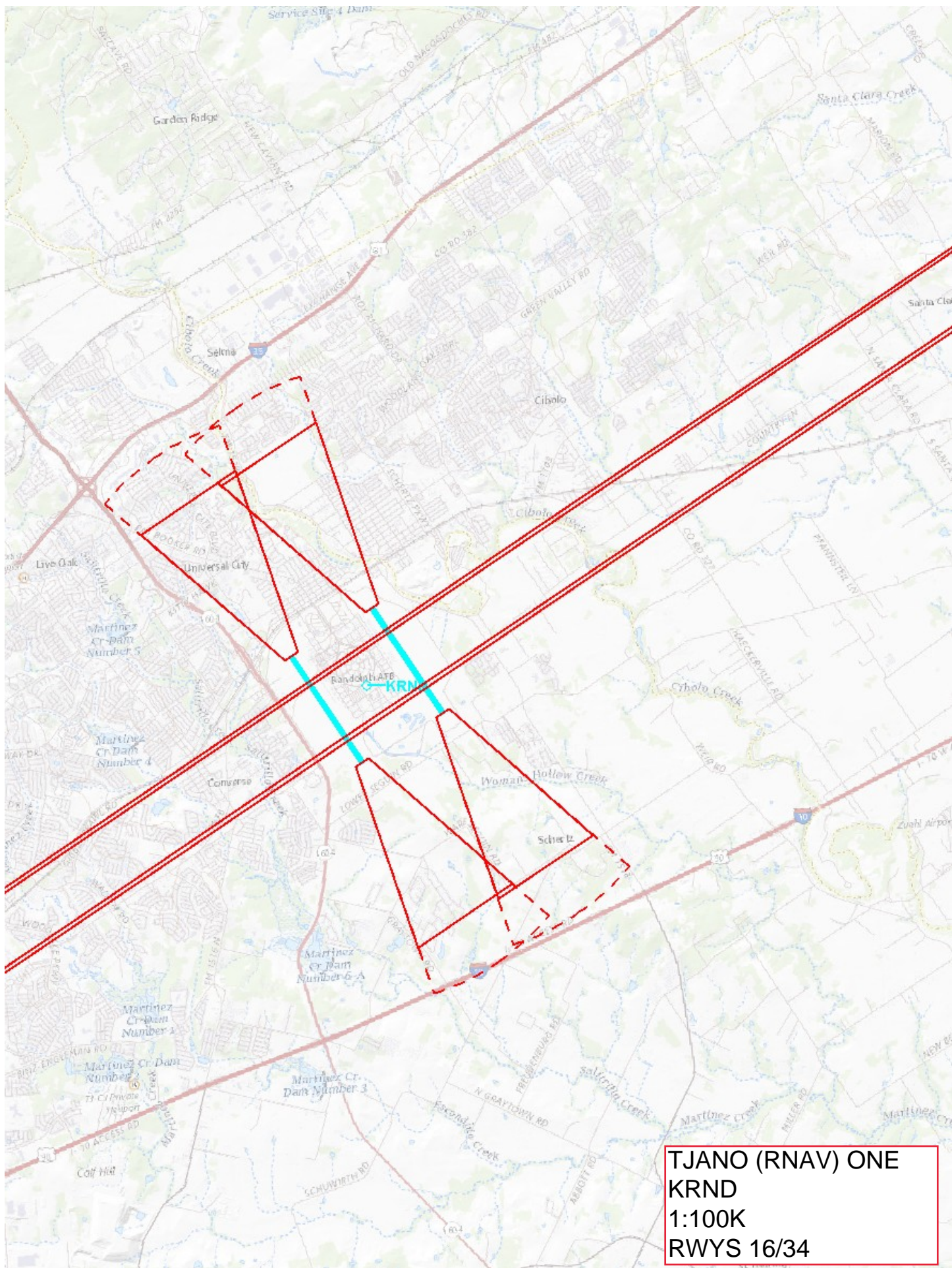




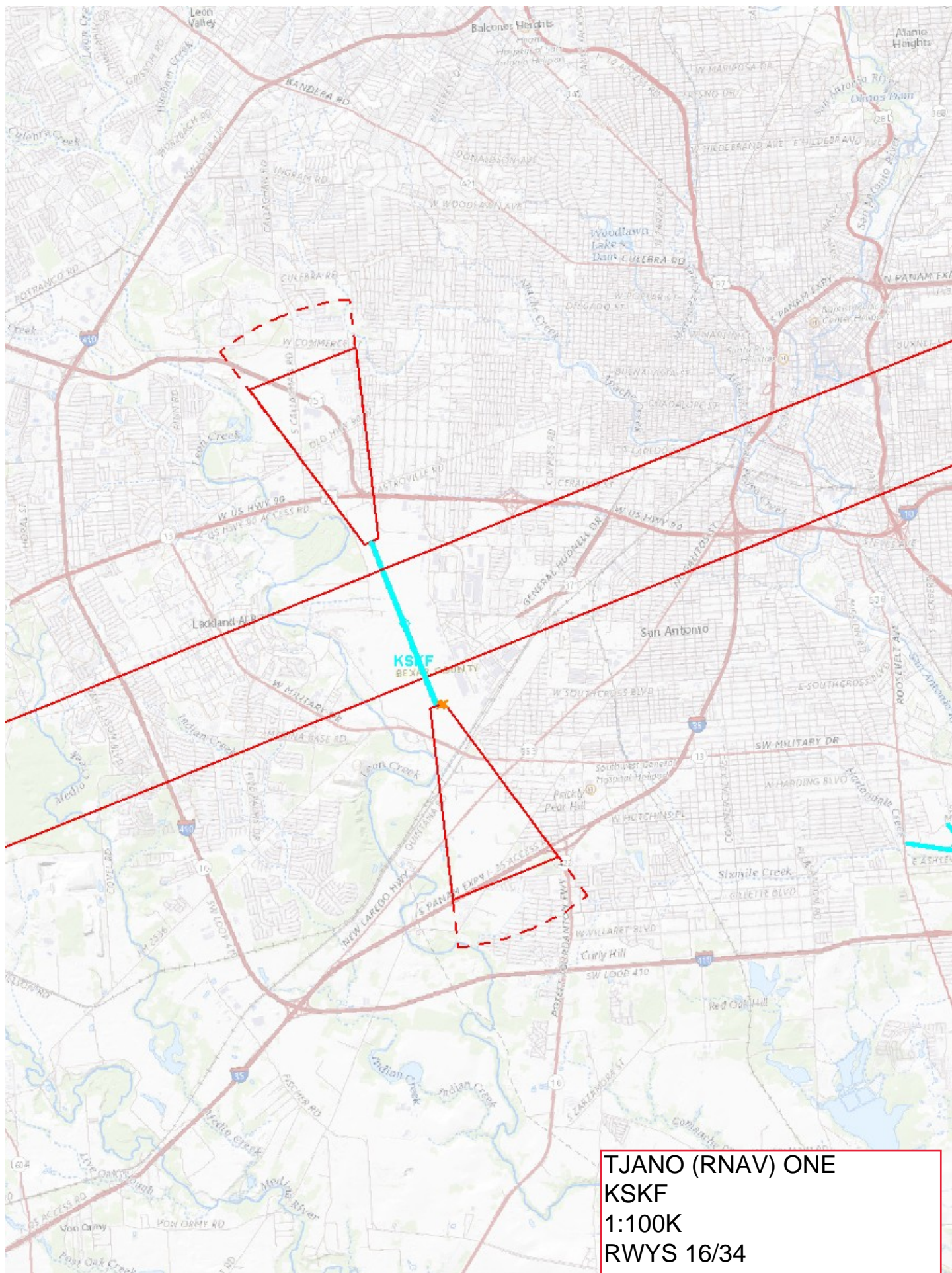


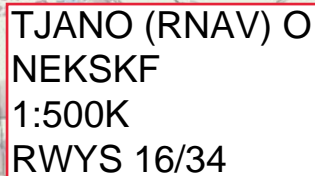
TJANO (RNAV) ONE
KCVB
1:100K
RWYS 16/34

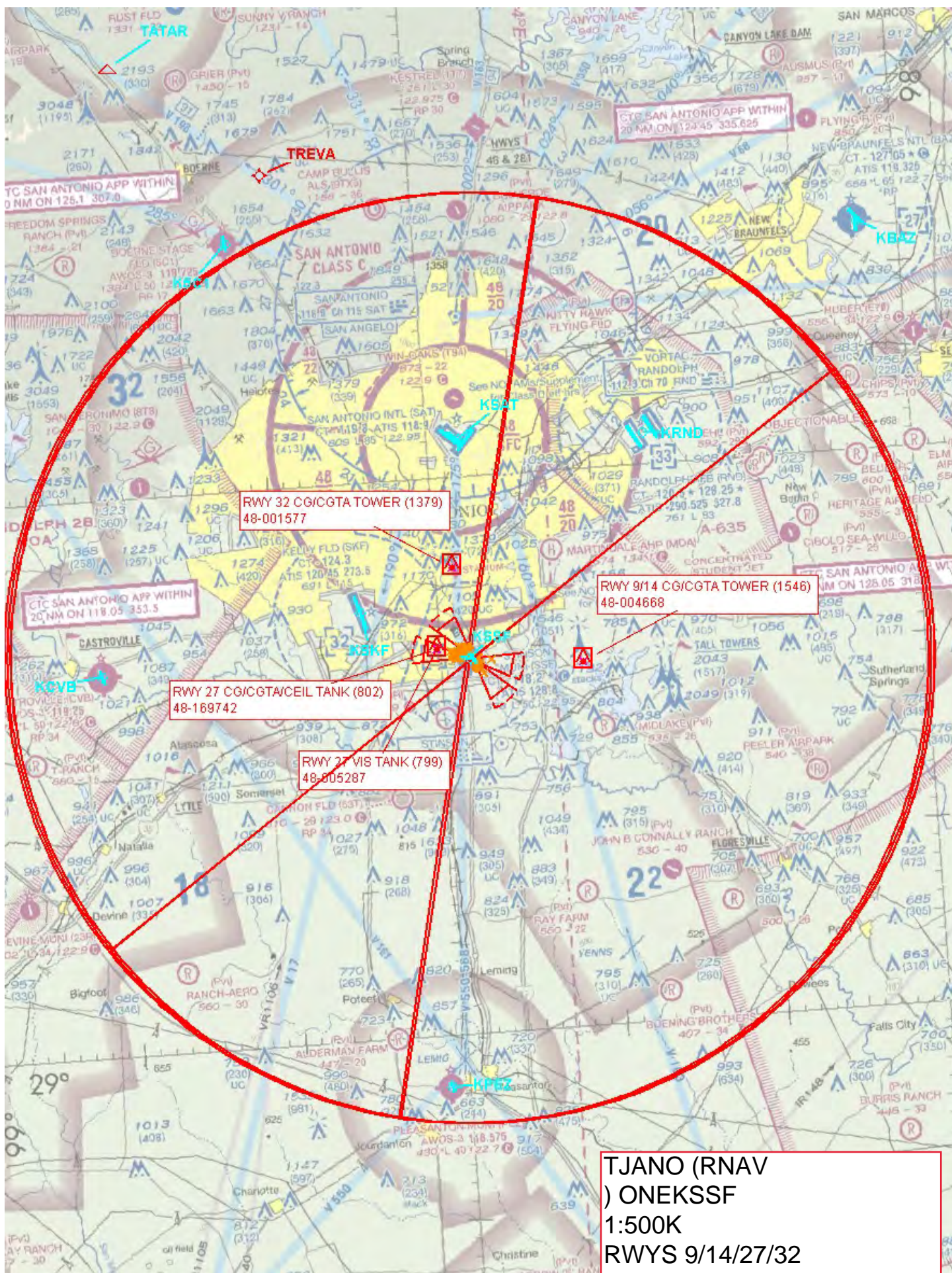












ESV Details

Originating Office :AJV-C2		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:CORPUS CHRISTI		City:CORPUS CHRISTI		Ident:CRP		State:TX
Type/Class: TACAN		Frequency: M1189		Reference Number: 23011340		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 704212 - 043	274	283	101	99	181	
Requirement: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMES						
Signature:Medina Jose		Routing Symbol:				Date:01/18/2023
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704212 - 043	274	283	101	99	181	APPROVE
Requirement/Remarks: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMESAPPROVED. FREQUENCY. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/18/2023	
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704212 - 043	274	283	101	99	181	APPROVE
Requirement/Remarks: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMESAPPROVED. FREQUENCY. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/18/2023	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 704212 - 043	274	283				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

ESV Details

Originating Office :AJV-C2		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:KERRVILLE		City:KERRVILLE		Ident:CSI		State:TX
Type/Class: TACAN		Frequency: M1209		Reference Number: 23011342		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 766740 - 029	143	161	72	59	166	
Requirement: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMES						
Signature:Medina Jose		Routing Symbol:				Date:01/18/2023
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 766740 - 029	143	161	72	59	166	APPROVE
Requirement/Remarks: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMESAPPROVED. FREQUENCY. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/18/2023	
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 766740 - 029	143	161	72	59	166	APPROVE
Requirement/Remarks: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMESAPPROVED. FREQUENCY. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/18/2023	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 766740 - 029	143	161				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

ESV Details

Originating Office :AJV-C2		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:KERRVILLE		City:KERRVILLE		Ident:CSI		State:TX
Type/Class: TACAN		Frequency: M1209		Reference Number: 23011341		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 766740 - 028	154	169	85	91	166	
Requirement: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMES						
Signature:Medina Jose		Routing Symbol:				Date:01/18/2023
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 766740 - 028	154	169	85	91	166	APPROVE
Requirement/Remarks: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMESAPPROVED. FREQUENCY. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/18/2023	
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 766740 - 028	154	169	85	91	166	APPROVE
Requirement/Remarks: KSAT TJANO SID DME COVERAGE AND MITIGATE CRITICAL DMESAPPROVED. FREQUENCY. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/18/2023	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 766740 - 028	154	169				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	