

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CRVZA (RNAV)	ONE	CRVZA.CRVZA1	NONE		25 JAN 2024

TRANSITION ROUTES:**THIS IS A CORRECTED COPY OF THIS PROCEDURE PREVIOUSLY PUBLISHED IN NFDD #211.**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BRENI	BRENI.CRVZA1	BRENI	BRENI						
			EELIZ	301.42	29.99	11000	1900		
			BUGGI	301.20	23.57	11000	1900		
			CRVZA	326.64	29.81	11000	1900		BETWEEN 11000 AND 17000
EELIZ	EELIZ.CRVZA1	EELIZ	EELIZ						
			BUGGI	301.20	23.57	11000	1900		
			CRVZA	326.64	29.81	11000	1900		BETWEEN 11000 AND 17000
HFMAN	HFMAN.CRVZA1	HFMAN	HFMAN						
			GYTON	024.79	18.87	11000	1900		
			PECOZ	030.05	34.00	11000	1900		
			CRVZA	030.23	13.05	11000	1900		BETWEEN 11000 AND 17000

ARRIVAL ROUTE DESCRIPTION:

KSAT: FROM CRVZA ON TRACK 356.62/14.75 TO CROSS CEGAR AT OR BELOW 8000.

LANDING KSAT RWY 4: FROM CEGAR ON TRACK 338.88/16.01 TO CROSS HARDD AT 5000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 4 APPROACH.

LANDING KSAT RWY 13R: FROM CEGAR ON TRACK 355.55/23.02 TO CROSS AYALA AT 6000 AND AT 210 KIAS, THEN ON TRACK 307.56/4.67 TO CROSS AGOVE AT 6000, THEN ON TRACK 307.56. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KSAT RWY 22: FROM CEGAR ON TRACK 007.99/18.60 TO TIERA, THEN ON TRACK 036.75/5.68 TO CROSS IPHON AT 6000 AND AT 210 KIAS, THEN ON TRACK 036.75. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KSAT RWY 31L: FROM CEGAR ON TRACK 353.61/16.40 TO SAYNN, THEN ON TRACK 040.86/5.34 TO CROSS KEENM AT 6000 AND AT 210 KIAS, THEN ON TRACK 127.54/6.47 TO CROSS KRILN AT 6000, THEN ON TRACK 127.54. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KSKF/KBAZ/KCVB/KSSF/KPEZ/5C1/KRND: FROM CRVZA ON TRACK 356.67/16.81 TO CROSS LLISA AT 8000, THEN ON TRACK 356.67. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AND TURBOPROP AIRCRAFT ONLY

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT EELIZ: HOLD SE, LT, 301.20 INBOUND, 10 NM LEGS.

CHART HOLDING AT ERROR: HOLD NE, RT, 216.97 INBOUND, 5 NM LEGS.

CHART HOLDING AT HARDD: HOLD SW, RT, 036.67 INBOUND, 5 NM LEGS.



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CHART HOLDING AT HFMAN: HOLD SW, LT, 024.79 INBOUND, 10 NM LEGS.

CHART HOLDING AT RBNSN: HOLD NW, RT, 127.60 INBOUND, 5 NM LEGS.

CHART HOLDING AT SLOW: HOLD SE, RT, 307.61 INBOUND, 5 NM LEGS.

CHART: SARAI, TYRYN

COMMUNICATIONS:

CHART: SAN ANTONIO APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
5C1	SAN ANTONIO	TX
KCVB	CASTROVILLE	TX
KSKF	SAN ANTONIO	TX
KBAZ	NEW BRAUNFELS	TX
KPEZ	PLEASANTON	TX
KRND	UNIVERSAL CITY	TX
KSSF	SAN ANTONIO	TX

LOST COMMUNICATIONS PREFERENCES:

KSAT RWY 13R: AFTER AGOVE PROCEED TO SARAI, THEN ON ILS OR LOC RWY 13R OR RNAV (GPS) Y RWY 13R APPROACH.

KSAT RWY 22: AFTER IPHON PROCEED TO TYRYN, THEN ON RNAV (GPS) Y RWY 22 APPROACH.

KSAT RWY 31L: AFTER KRILN PROCEED TO SLOW AT 4000 AND HOLD.

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KSAT 04E/2020

CHART AT KRILN TERMINUS: KSAT LDG RWY 31L

CHART AT IPHON TERMINUS: KSAT LDG RWY 22

CHART AT HARDD TERMINUS: KSAT LDG RWY 4

CHART AT AGOVE TERMINUS: KSAT LDG RWY 13R

CHART AT LLISA TERMINUS: LDG 5C1/KBAZ/KCVB/KPEZ/KRND/KSKF/KSSF



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CRVZA (RNAV)	ONE	CRVZA.CRVZA1	NONE		25 JAN 2024
<i>Digitally signed by</i>					
MICHAEL GARRITY					
<i>Dec 18, 2023</i>					
FLIGHT INSPECTED BY:	ORGANIZATION:	DATE:			
JAMES HAWLEY	FPO	08/09/2023	Flight Inspected Signature:		
<i>Digitally signed by</i>					
WILLIAM D MELTON					
<i>Dec 13, 2023</i>					
DEVELOPED BY:			Developed By Signature:		
WILLIAM D. MELTON	AJV-A423	02/24/2023			
APPROVED BY:			Approved By Signature:		
MARLON ROBINSON	AJV-A420				

CHANGES:

REASONS:

06/13/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/24/2023:

1. CHANGED COMMUNICATIONS: CHART HOUSTON APP CON TO CHART: SAN ANTONIO APP CON.

12/12/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/16/2023.

1. CHANGED LOST COMMUNICATIONS FROM KSAT RWY 13R: AFTER AGOVE PROCEED TO SARAI, THEN ON ILS OR LOC RWY 13 OR RNAV (GPS) Y RWY 13R APPROACH TO KSAT RWY 13R: AFTER AGOVE PROCEED TO SARAI, THEN ON ILS OR LOC RWY 13R OR RNAV (GPS) Y RWY 13R APPROACH - CORRECT ADMINISTRATIVE ERROR.

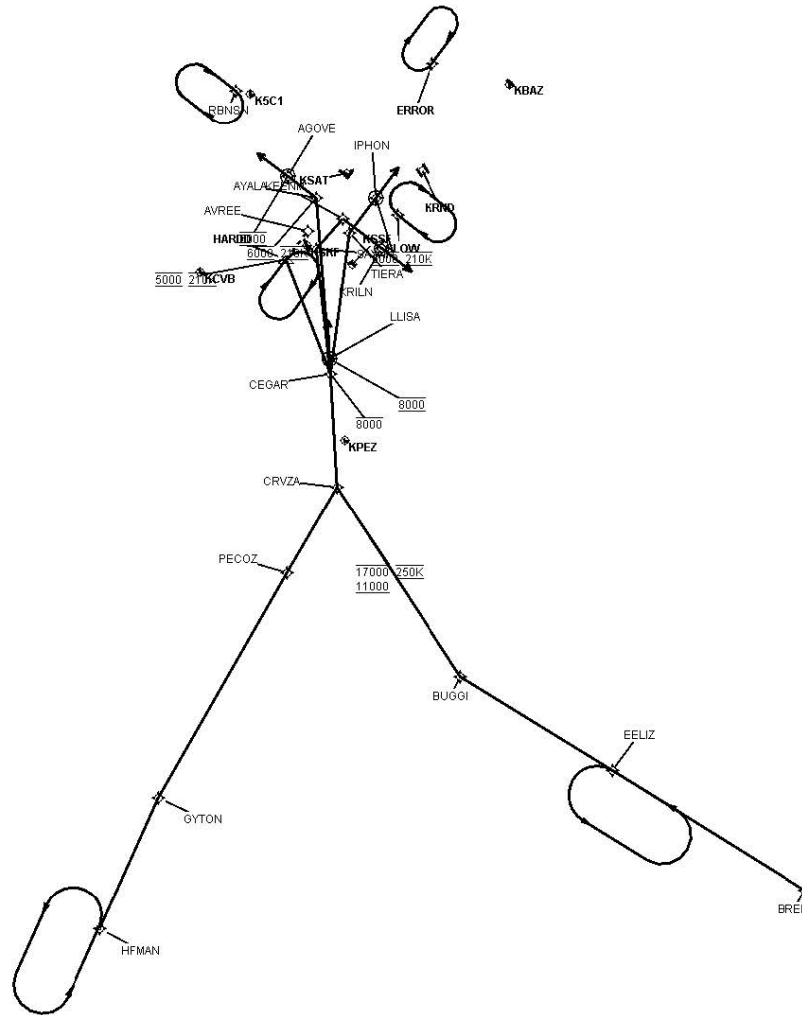
2. CHANGED RBNSN HOLDING PATTERN FROM 127.45 TO 127.60 - CORRECT ADMINISTRATIVE ERROR.



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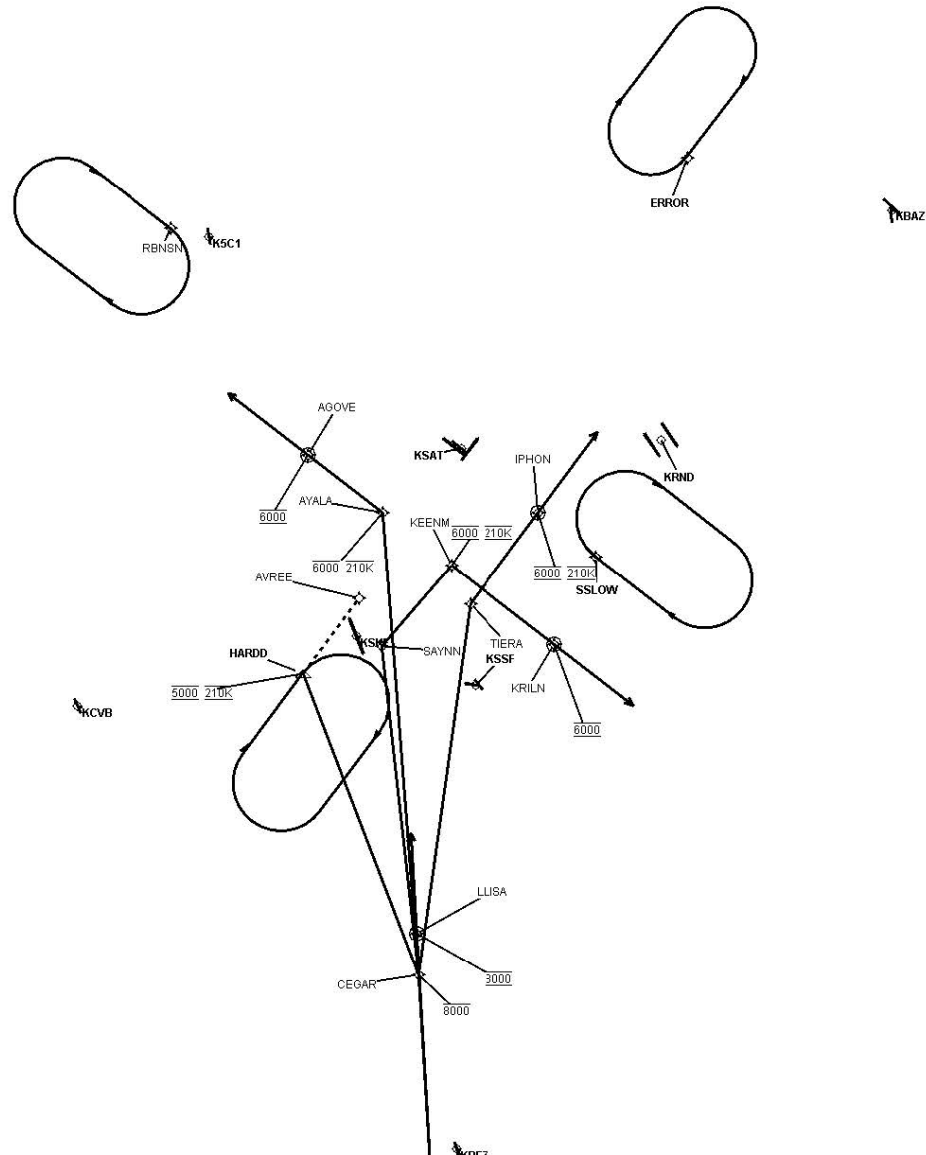
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
CRVZA (RNAV)	ONE	CRVZA.CRVZA1	NONE		25 JAN 2024
Graphic Depiction 1					



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CRVZA (RNAV)	ONE	CRVZA.CRVZA1	NONE		25 JAN 2024
Graphic Depiction 2					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name CRVZA (RNAV)	Number ONE		STAR Computer Code CRVZA.CRVZA1		Superseded Number NONE		Dated		Effective Date 25 JAN 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BRENI	275413.90N / 0972642.12W	Y		IF					BRENI.CRVZA1
EELIZ	281136.75N / 0975421.73W	Y	FB	TF	305.42	29.99			
BUGGI	282512.26N / 0981612.16W	Y	FB	TF	305.20	23.57			
CRVZA	285114.30N / 0983250.91W	Y	FB	TF	330.64	29.81	11000B17000	AT 250K	
En Route Transition									
EELIZ	281136.75N / 0975421.73W	Y		IF					EELIZ.CRVZA1
BUGGI	282512.26N / 0981612.16W	Y	FB	TF	305.20	23.57			
CRVZA	285114.30N / 0983250.91W	Y	FB	TF	330.64	29.81	11000B17000	AT 250K	
En Route Transition									
HFMAN	275537.76N / 0991308.41W	Y		IF					HFMAN.CRVZA1
GYTON	281212.44N / 0990251.26W	Y	FB	TF	028.79	18.87			
PECOZ	284025.35N / 0984112.56W	Y	FB	TF	034.05	34.00			
CRVZA	285114.30N / 0983250.91W	Y	FB	TF	034.23	13.05	11000B17000	AT 250K	
Common Route									
CRVZA	285114.30N / 0983250.91W	Y		IF			11000B17000	AT 250K	CRVZA.CRVZA1
CEGAR	290601.52N / 0983239.96W	Y	FB	TF	000.62	14.75	AT/BELOW 8000		
Common Route									
CRVZA	285114.30N / 0983250.91W	Y		IF			11000B17000	AT 250K	CRVZA.CRVZA1
LLISA	290805.53N / 0983237.43W	Y	FO	TF	000.67	16.81	AT 8000		
5C1,KBAZ,KCVB, KPEZ,KRND,KSKF, KSSF				FM	000.67				

QUALITY
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CHECKED

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FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name CRVZA (RNAV)		Number ONE		STAR Computer Code CRVZA.CRVZA1			Superseded Number NONE		Dated	Effective Date 25 JAN 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
Runway Transition										
CEGAR	290601.52N / 0983239.96W	Y		IF			AT/BELOW 8000			
HARDD	292122.05N / 0983803.63W	Y	FB	TF	342.88	16.01	AT 5000	AT 210K		
KSAT:RWY 4										
Runway Transition										
CEGAR	290601.52N / 0983239.96W	Y		IF			AT/BELOW 8000			
AYALA	292905.99N / 0983252.38W	Y	FB	TF	359.55	23.02	AT 6000	AT 210K		
AGOVE	293212.31N / 0983652.78W	Y	FO	TF	311.56	04.67	AT 6000			
KSAT:RWY 13R				FM	311.56					
Runway Transition										
CEGAR	290601.52N / 0983239.96W	Y		IF			AT/BELOW 8000			
TIERA	292415.63N / 0982814.48W	Y	FB	TF	011.99	18.60				
IPHON	292834.34N / 0982359.69W	Y	FO	TF	040.75	05.68	AT 6000	AT 210K		
KSAT:RWY 22				FM	040.75					
Runway Transition										
CEGAR	290601.52N / 0983239.96W	Y		IF			AT/BELOW 8000			
SAYNN	292227.15N / 0983326.93W	Y	FB	TF	357.61	16.40				
KEENM	292614.79N / 0982908.07W	Y	FB	TF	044.86	05.34	AT 6000	AT 210K		
KRILN	292156.76N / 0982335.73W	Y	FO	TF	131.54	06.47	AT 6000			
KSAT:RWY 31L				FM	131.54					

QUALITY
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