FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated.

DP NAM						NUMBER SEVEN	DP COMPUTER CODE ALISS7.ALISS	SUPERSEDED NUMBER SIX	DATED 01/25/2024	ACTUAL EFFECTIVE DATE
	,					JEVEN	ALISS/.ALISS	317	01/25/2024	
TYPE:			SID X	SPECIAL	RNAV					
SAN AN	TONIO INTL (SA	AT):	G 036.78 OR /	AS ASSIGNED B	Y ATC. FOF	R VECTORS TO) TREVA, THENCE			
TAKEOF	F RWY 13L: CL	IMB ON HEADI	ING 127.63 O	R AS ASSIGNED	BY ATC, F	OR VECTORS	TO TREVA, THENCE TO TREVA, THENCE			
TAKEOF	F RWY 22: CLIN	MB ON HEADIN	NG 216.79 OR	AS ASSIGNED I	BY ATC, FO	R VECTORS T	O TREVA, THENCE			
					,		TO TREVA, THENCE TO TREVA, THENCE			
ON TF	ACK 305.10 TO	TATAR, THEN	ON TRACK	305.15 TO ALISS	. MAINTAIN	5000. EXPECT	FILED ALTITUDE 10 MINUTE	ES AFTER DEPARTURE.		
BOERN	E STAGE FLD (5	5C1):								
							O TREVA, THENCE O TREVA, THENCE			
	OVILLE MUNI (C				51710,10					
TAKEOF	F RWY 16: CLIN	MB ON HEADIN			,		O TREVA, THENCE			
		VIB ON HEADIN	NG 330.98 UR	AS ASSIGNED I	BY AIC, FO	R VECTORS I	O TREVA, THENCE			
TAKEOF					,		O TREVA, THENCE			
TAKEOF	F RWY 34: CLIN	MB ON HEADIN	NG 338.15 OR	AS ASSIGNED I	BY ATC, FO	R VECTORS T	O TREVA, THENCE			
	AUNFELS NTL	· /	NG 127 73 OR	AS ASSIGNED I	BY ATC FO	R VECTORS T	O TREVA, THENCE			
TAKEOF	F RWY 17: CLIN	MB ON HEADIN	NG 172.71 OR	AS ASSIGNED I	BY ATC, FO	R VECTORS T	O TREVA, THENCE O TREVA, THENCE			
					,		O TREVA, THENCE			
	NTON MUNI (PE	,								
							O TREVA, THENCE O TREVA, THENCE			
RANDO	LPH AFB (RND):	:								
							TO TREVA, THENCE TO TREVA, THENCE			
TAKEOF	F RWY 33L: CL	IMB ON HEADI	ING 325.03 O	R AS ASSIGNED	BY ATC, F	OR VECTORS	TO TREVA, THENCE			
			ING 325.04 U	K AS ASSIGNEL	J DT AIC, F	OR VECTORS	TO TREVA, THENCE			
TAKEOF							O TREVA, THENCE			
							O TREVA, THENCE O TREVA, THENCE			OUAL 172
TAKEOF	F RWY 32: CLIN	MB ON HEADIN	NG 322.36 OR	AS ASSIGNED I	BY ATC, FO	R VECTORS T	O TREVA, THENCE			23
										CHECKED

LON TRACK 36: 10 TO TARA, THEN ON TRACK 36: 15 TO ALIES. MAINTAIN ATC ASSIGNED ALITITUDE - EXPECT FILED ALITITUDE - IS MAUTER TRANSITION NOLTS: GRAPHIC DEPICTION ONLY: TRANSITION NAME TRANSITION END OF 20 FIXMAXAD FIXMAXAD FIXMAXAD COURSE DISTANCE MEA MOCA CROSSING ALITITUDE/TXEES TRANSITION NAME COMPUTER COORE FIXMAXAD FIXMAXAD FIXMAXAD COURSE DISTANCE MEA MOCA CROSSING ALITITUDE/TXEES TRANSITION NAME COMPUTER COORE FIXMAXAD FIXMAXAD FIXMAXAD FIXMAXAD COURSE DISTANCE MEA MOCA CROSSING ALITITUDE/TXEES TRANSITION NAME TRANSITION GPS COURSE DISTANCE MEA MOCA FIXMAXAD TO MEDIATE COURSENT NOTES: RADAR REQUIREMENT NOTES: TRANSITION NOTE: CATIONED OF 210 FITM TO 2200. RWY 4: 13L: 13R: 22: 31L: 31R: STANDARD TO THIN MOMMOLINE OF 210 FITM TO 2200. RWY 4: 13L: 13R: 22: 31L: 31R: STANDARD RWY 16: 34R: STANDARD WITH MINIMAD CLINB OF 210 FITM TO 2200. RWY 4: 13L: 13R: 22: 31L: 31R: STANDARD RWY 17: STANDARD RWY 16: 34R: 35 STANDARD RWY 16: 34R: 35 STANDARD RWY 17: STANDARD RWY 16: 34R: 35 STANDARD RWY 17: 14R: 35. STANDARD RWY 17: 14R: 35. STANDARD RWY 17: 14R: 35. STANDARD RWY 16: 34R: 35 STANDARD RWY 16: 34R: 35 STANDARD RWY 16: 34R: 35 STANDARD RWY 17: 14R: 35. STANDAR	DP NAME ALISS (RNAV)			NUMBER SEVEN	DP COMPUTER CODE ALISS7.ALISS	<u>SUPERSEDEE</u> SIX		DAT 01/25/2		ACTUAL EFFECTIVE DATE		
TRANSITION NAME TRANSITION COMPUTER CODE FROM to Department of the part of th												
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RNAY 1- DME/DME/RU OR GPS EQUIPMENT REQUIREMENT NOTES: RADAR RECUIRED FOR NON-ORS EQUIPPED AIRCRAFT. RADAR RECUIRED OR 100 0 0 200 FT/NM TO 2200. RAVY 134, 134, 134, 134, 232, 314, 317, 313, 355 STANDARD RECUIRED OR NON-ORS EQUIPPED AIRCRAFT. RADAR RECUIRED OR RECUIRED OR RECUIRED OR RADAR RECUIRED OR R												
RADAR RECUIRED. FOR NON-GPS EQUIPPED AIRCRAFT. RADAR RECUIRED. PROCEDURAL DATA NOTES: TAKEOFF MINIMUMS: SAN ANTONIO INTI. (SAT) SAN ANTONIO INTI. (SAT) SAN ANTONIO INTI. (SAT) RWY 41.31. 13R. 22. 311. 31R. STANDARD BOERNE STAGE FLD (SC1) RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FTAIN TO 2200. RWY 18: STANDARD WITH MINIMUM CLIMB OF 250 FTAIN TO 200. CASTROVILLE MUNI (CVB) RWY 16. 34: STANDARD NEW BRAUNFELS NTL (BA2) RWY 16. 34: STANDARD NEW BRAUNFELS NTL (BA2) RWY 15. 31. STANDARD PLEASANTON MUNI (PZ) RWY 10. 31. STANDARD RWY 10. STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD OF 220 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD OF 220 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1900 RWY 28: 300-1 56 OR STANDARD WITH MINIMUM CLIMB OF 230 FTAIN TO 1700												
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	SEE FORM 8260-15A, T	AKEOFF MINIMUMS AND OB	STACLE DEPARTURE PF	ROCEDURES (C	DP).					NAL/X.		
CONTROLLING OBSTACLES: OVAL/72 BOERNE STAGE FIELD (5C1): 23 RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE) OVECOPY	BOERNE STAGE FIELD	(5C1):	GRADIENT, CLIMB-TO A	ALTITUDE)						23 CHECKER		

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
ALISS (RNAV)	SEVEN	ALISS7.ALISS	SIX	01/25/2024	
RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933	.00W (CLIMB GRADIENT, CLIMB-	-TO ALTITUDE).			
STINSON MUNI (SSF): RWY 10, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982 RWY 28: 802 MSL TANK (48-169742) 292048.87N/0983016.57 RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901	W (CEILING), (CLIMB GRADIENT)), (CLIMB GRADIENT TERMIN	N ALTITUDE). IATION ALTITUDE), (VISIBILITY).		
MSA: SAT: MSA FROM SAT, 4100 5C1: MSA FROM 5C1, 4100 CVB: MSA FROM CVB, 4100 SKF: MSA FROM CVB, 4100 SKF: MSA FROM SKF, 4100 BAZ: MSA FROM BAZ, 3100 PEZ: MSA FROM PEZ, 3100 RND: MSA FROM RND, 3200 SSF: MSA FROM SSF, 4100 LOST COMMUNICATIONS PROCEDURES: ADDITIONAL FLIGHT DATA: CHART: TOP ALTITUDE: SAT: 5000; 5C1, CVB, SKF, BAZ, PE: AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, CVB 4E/2020, S CHART: MINIMUM CROSSING ALTITUDE AT TREVA-5000. DME/DME ASSESSMENT: SAT (RNP 2.0).			3E/2025.		
AIRPORTS SERVED:					
AIRPORT ID		<u>CITY</u>			<u>STATE</u>
SAT		SAN ANTONIO			ТХ
5C1		SAN ANTONIO			ТХ
CVB		CASTROVILLE			ТХ
SKF		SAN ANTONIO			TX
BAZ		NEW BRAUNFELS			TX
PEZ		PLEASANTON			TX
RND		UNIVERSAL CITY			ТХ
SSF		SAN ANTONIO			ТХ
COMMUNICATIONS:					

DP COMPLITER CODE

ACTUAL EFFECTIVE DATE

NUMBER

COMMUNICATIONS:

SAN ANTONIO INTL (SAT): CHART: ATIS, GND CON, CLNC DEL, ATCT BOERNE STAGE FIELD (5C1): CHART: ATIS, CLNC DEL CASTROVILLE MUNI (CVB): CHART: ATIS, CLNC DEL KELLY FLD (SKF): CHART: ATIS, GND CON, ATCT NEW BRAUNFELS NTL (BAZ): CHART: ATIS, ATCT, GND CON, CLNC DEL PLEASANTON MUNI (PEZ): CHART: CLNC DEL RANDOLPH AFB (RND): CHART: ATIS, ATCT, GND CON, CLNC DEL STINSON MUNI (SSF): CHART: ATIS, GND CON, CLNC DEL, ATCT

QUALITY

23 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
ALISS (RNAV)	SEVEN	ALISS7.ALISS	SIX	01/25/2024	

FIXES AND/OR NAVAIDS:

REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED. ATC APPROVAL TO APPLY 45 DEGREE INTERCEPT AT TREVA IAW 8260.58B, 5-6-2 D. AFS MEMO WAIVER TO FAA ORDER 8260-58C PARA 1-2-5 C. 3., MAXIMUM BANK ANGLE DATED 1/21/23 ALLOWING 23 DEGREES OF BANK ANGLE ABOVE FL195 UP TO FL245 APPLIED FOR KPEZ DEPARTURE SEGMENT TREVA TO TATAR. VEGETATION HEIGHT: 75FT - BASED ON SAT AND FPT.

VEGEN (HOR HEIGHT. FOR F BAGED ON G				
FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
RICHARD CAMPBELL	Digitally signed by RICHARD E CAMPBELL	AV-A423	12/13/2024	
	Feb 12, 2025			
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ALLAN WILL		AJV-A423		MANAGER

REQUIRED EFFECTIVE DATE

COORDINATED WITH:

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION : ADDED EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE - IAW 8260.46 EX. 8260-15B PG E-2.

2. KSSF RUNWAY CHANGED FROM 9/27 TO 10/28 - KSSF MAG VAR UPDATED TO 3.0E

3. KSSF RUNWAY HEADINGS CHANGED - RWY 10: FROM 094.53 TO 099.53, RWY 14: FROM 137.36 TO 142.36, RWY 28: FROM 274.53 TO 279.53, RWY 32: FROM 317.36 TO 322.36 - KSSF MAG VAR UPDATED TO 3.0E.

4. PBN REQUIREMENTS: CHANGED FROM RNAV 1 - GPS TO RNAV 1 - DME/DME/IRU OR GPS - DME SCREENS AND APPROVED ESVS PROVIDE DME/DEME/IRU SOLUTIONS.

5. EQUIPMENT REQUIREMENT NOTES: CHANGED FROM RADAR REQURED TO RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT AND RADAR REQUIRED - DME SCREENS AND APPROVED ESVS PROVIDE DME/DEME/IRU SOLUTIONS.

5. ADDITIONAL FLIGHT DATA: MAG VAR CHANGED FOR KSSF FROM 8E/1980 TO 03E/2025.

6. ADDITIONAL FLIGHT DATA CHANGED DME ASSESSMENT FROM UNSAT TO SAT (RNP 1.0).

7. ALL LOCATION IDENTIFIERS REMOVED K'S FROM BEGINNING OF IDENTIFIER.

8. COMMUNICATIONS: ADDED BOERNE STAGE FIELD (5C1) AND CASTROVILLE MUNI (CVB).

9. REMARKS: ADDED VEGETATION HEIGHT.

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE DEPARTURE (DATA RECORD)

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSE	EDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
ALISS (RNAV)						SEVEN	ALISS7.ALISS		SIX	01/25/2024	
FIX/NAVAID	LAT/LONG	<u>C</u>	FO/FB	B LEG TYPE	<u>TC</u>	<u>DIST</u> (NM)	ALTITUDE	<u>SPEED</u>		REMARKS	
TREVA	294655.06N/0983914.10W	Y	-	IF	-	-	AT/ABOVE 5000				
TATAR	295313.51N/0984808.85W	Y	FP	TF	309.10	09.98					
ALISS	300646.67N/0990719.62W	Y	FB	TF	309.15	21.45					

