

**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 statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>						<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA						ONE	SLENA1.SLENA	NONE		<b>25 JAN 2024</b>
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

**DP ROUTE DESCRIPTION:**

SAN ANTONIO INTL (KSAT):

TAKEOFF RWY 4: CLIMB ON HEADING 036.78 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 13L: CLIMB ON HEADING 127.63 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 13R: CLIMB ON HEADING 127.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 22: CLIMB ON HEADING 216.79 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 31L: CLIMB ON HEADING 307.61 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 31R: CLIMB ON HEADING 307.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

...ON TRACK 160.93 TO LILJO, THEN ON TRACK 160.98 TO SLENA, THEN ON TRANSITION. MAINTAIN 5000.

BOERNE STAGE FLD (5C1):

TAKEOFF RWY 17: CLIMB ON HEADING 169.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 349.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

CASTROVILLE MUNI (KCVB):

TAKEOFF RWY 16: CLIMB ON HEADING 156.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 336.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

KELLY FLD (KSKF):

TAKEOFF RWY 16: CLIMB ON HEADING 158.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 338.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

NEW BRAUNFELS NTL (KBAZ):

TAKEOFF RWY 13: CLIMB ON HEADING 127.73 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 17: CLIMB ON HEADING 172.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 31: CLIMB ON HEADING 307.74 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 352.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

PLEASANTON MUNI (KPEZ):

TAKEOFF RWY 16: CLIMB ON HEADING 157.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 337.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

RANDOLPH AFB (KRND):

TAKEOFF RWY 15L: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 15R: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 33L: CLIMB ON HEADING 325.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 33R: CLIMB ON HEADING 325.04 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

STINSON MUNI (KSSF):

TAKEOFF RWY 9: CLIMB ON HEADING 094.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 14: CLIMB ON HEADING 137.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 27: CLIMB ON HEADING 274.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 317.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...



...ON TRACK 160.93 TO LILJO, THEN ON TRACK 160.98 TO SLENA, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
BRENI	SLENA1.BRENI	SLENA	BRENI	TRACK 129.14	51.04	10000	1900	

PROCEDURAL DATA NOTES:

PBN REQUIREMENTS NOTES:  
RNAV 1 - DME/DME IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:  
RADAR REQUIRED.

TAKEOFF MINIMUMS:  
SAN ANTONIO INTL  
RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD

BOERNE STAGE FLD  
RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 2200.  
RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3800.

CASTROVILLE MUNI  
RWY 16, 34: STANDARD

KELLY FLD  
RWY 16, 34: STANDARD

NEW BRAUNFELS NTL  
RWY 13, 17, 31, 35: STANDARD

PLEASANTON MUNI  
RWY 16, 34: STANDARD

RANDOLPH AFB  
RWY 15L, 15R, 33L, 33R: STANDARD

STINSON MUNI  
RWY 9: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900  
RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900  
RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER.  
RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700

TAKEOFF OBSTACLES NOTES:  
SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:  
BOERNE STAGE FIELD:  
RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE)  
RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).



STINSON MUNI:  
RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).  
RWY 27: 802 MSL TANK (48-169742) 292048.87N/0983016.57W (CEILING, CLIMB GRADIENT, CLIMB-TO ALTITUDE), 799 MSL TANK (48-005287) 292049.00N/0983017.00W, (VISIBILITY).  
RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

**MSA:**  
KSAT: MSA FROM KSAT, 4100  
5C1: MSA FROM 5C1, 4100  
KCVB: MSA FROM KCVB, 4100  
KSKF: MSA FROM KSKF, 4100  
KBAZ: MSA FROM KBAZ, 3100  
KPEZ: MSA FROM KPEZ, 3100  
KRND: MSA FROM KRND, 3200  
KSSF: MSA FROM KSSF, 4100

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**  
CHART: TOP ALTITUDE: KSAT: 5000; 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF: ASSIGNED BY ATC.  
AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, KCVB 4E/2020, KSKF 4E/2020, KBAZ 8E/1975, KPEZ 6E/2000, KRND 5E/2010, KSSF 8E/1980  
CHART: MINIMUM CROSSING ALTITUDE AT YENNS-5000.  
DME/DME ASSESSMENT: SAT (RNP 2.0).

**AIRPORTS SERVED:**

AIRPORT ID	CITY	STATE
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

**COMMUNICATIONS:**  
SAN ANTONIO INTL: CHART: ATIS, GND CON, CLNC DEL, ATCT  
STINSON MUNI: CHART: ATIS, GND CON, CLNC DEL, ATCT  
KELLY FLD: CHART: ATIS, ATCT, GND CON  
NEW BRAUNFELS NTL: CHART: ATIS, ATCT, GND CON, CLNC DEL  
PLEASANTON MUNI: CHART: CLNC DEL  
RANDOLPH AFB: CHART: ATIS, ATCT, GND CON, CLNC DEL

**FIXES AND/OR NAVAIDS:**



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA	ONE	SLENA1.SLENA	NONE		<b>25 JAN 2024</b>

**REMARKS:**

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

**FLIGHT INSPECTED BY**

*Digitally signed by*  
**MICHAEL GARRITY**  
Aug 11, 2023

**OFFICE**

FPO

**DATE**

08/07/2023

**DEVELOPED BY**

PHILLIP BRANDENBURG

*Digitally signed by*  
**PHILLIP BRANDENBURG**  
Apr 25, 2023

**OFFICE**

AJV-A423

**DATE**

02/28/2023

**APPROVED BY**

ALLAN WILL

*Digitally signed by*  
**MICHAEL GARRITY**  
Aug 11, 2023

**OFFICE**

AJV-A423

**DATE****TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:****A4A** ☒**ALPA** ☒**AOPA** ☒**APA** ☒**HAI** ☐**NBAA** ☒**OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR**CHANGES - REASONS:**

ORIGINAL.



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SLENA					ONE	SLENA1.SLENA	NONE		25 JAN 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
YENNS	290404.59N/0981919.14W	Y	-	IF	-	-	AT/ABOVE 5000		
LILJO	284540.82N/0981341.99W	Y	FB	TF	164.93	19.00			
SLENA	282919.88N/0980844.08W	Y	FB	TF	164.98	16.88			
SLENA	282919.88N/0980844.08W	Y	-	IF	-	-			SLENA1.BRENI
BRENI	275413.90N/0972642.12W	Y	FB	TF	133.14	51.04			

