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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
LEJON	FIVE	LEJON5.LEJON	FOUR	03/02/2017	**07 AUG 2025**

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	☐	☐	☒	☐	☐

DP ROUTE DESCRIPTION:

DEPARTING SAN ANTONIO INTL (KSAT):

TAKEOFF RWY 4, 13L, 13R, 22, 31L, 31R: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SAT VORTAC, MAINTAIN 5000, THEN ON DEPICTED ROUTE TO LEJON. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DEPARTING STINSON MUNI (KSSF):

TAKEOFF RWY 10: CLIMB ON HEADING 99.53 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE…
TAKEOFF RWY 14: CLIMB ON HEADING 142.36 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE…
TAKEOFF RWY 28: CLIMB ON HEADING 279.53 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE…
TAKEOFF RWY 32: CLIMB ON HEADING 322.36 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE…

...ON DEPICTED ROUTE TO LEJON. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

SAN ANTONIO INTL:

RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD.

STINSON MUNI:

RWY 10: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900.
RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900.
RWY 28: 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 FT 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:

STINSON MUNI (KSSF):
RWY 10: 1546 FT MSL TOWER (48-004668) 291938.75N/0982117.63W

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
LEJON	FIVE	LEJON5.LEJON	FOUR	03/02/2017	**07 AUG 2025**

RWY 14: 1546 FT MSL TOWER (48-004668) 291938.75N/0982117.63W
RWY 28: 802 FT MSL TANK (48-005287) 292048.87N/0983016.57W
RWY 32: 1379 FT MSL TOWER (48-001577) 292509.00N/0982901.00W

MSA:
KSAT: MSA FROM SAT VORTAC 225-315 4100, 315-225 3300
KSSF: MSA FROM SAT VORTAC 225-315 4100, 315-225 3300

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
CHART: V198 SAT VORTAC TO LEJON.
CHART CSI R-015 (LEJON INT); STV R-248 (LEJON INT) AND R-187 (TATAR INT)
CHART: SAT VORTAC TO TATAR (MEA 4100)
CHART: TATAR TO LEJON (MEA 4100)
SAN ANTONIO INTL – CHART: TOP ALTITUDE 5000
AIRPORT MV: SAT (P) 4E/2020, SSF 3/E/2025

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KSAT	SAN ANTONIO	TX
KSSF	SAN ANTONIO	TX

COMMUNICATIONS:
SAN ANTONIO INTL (KSAT) CHART: ATIS, GND CON, ASOS, CLNC DEL, ATCT
STINSON MUNI (KSSF) CHART**:** ATIS, GND CON, ASOS, CLNC DEL, ATCT

FIXES AND/OR NAVAIDS:
CSI VORTAC; STV VORTAC, TATAR

REMARKS:
STINSON MUNI - NO TOP ALTITUDE REQUESTED BY ATC.
KSAT AND KSSF MSA SECTOR 315-225 MINIMUM REQUIRED ALTITUDE PER OBSTACLE EVALUATION IS 3200. RETAINED 3300 VALUE TO ALIGN WITH OTHER PUBLISHED CONVENTIONAL PROCEDURES. 315-225 MSA SECTOR CONTROLLING OBSTACLE: 3049 FT MSL TOWER (48-005142) 293639N/0985334W, 225-315 MSA SECTOR CONTROLLING OBSTACLE: 2195 FT MSL AAO 300436N/0984009W.
WAIVER TO FAA ORDER 8260.46 MEMORANDUM TO PERMIT ATC ISSUING A RANGE OF INITIAL HEADINGS WITH A MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS -ATC OPERATIONAL REQUIREMENT.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE
HANNAH WIESNESKI	*Digitally signed by* ***ALLAN WILL*** Apr 25, 2025	AJF	04/24/2025

DEVELOPED BY	SIGNATURE	OFFICE	DATE
RAYMOND JOHNSON	*Digitally signed by* ***ALLAN WILL*** Apr 25, 2025	AJV-A423	12/20/2024

APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ALLAN WILL	*Digitally signed by* ***ALLAN WILL*** Apr 25, 2025	AJV-A423		MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
LEJON	FIVE	LEJON5.LEJON	FOUR	03/02/2017	**07 AUG 2025**

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, SAT DEP CON, SAT ATCT, AMGR, ST.AV.DIR

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION, TAKEOF MINIMUMS, AND CONTROLING OBSTACLES: AT KSSF AIRPORT ALL REFERENCES TO RWY 9 CHANGED TO RWY 10 AND ALL REFERENCES TO RWY 27 CHANGED TO RWY 28 - RUNWAY RENUMBERD DUE TO STINSON MUNI KSSF AIRPORT MAGVAR CHANGED FROM 8E TO 3E.
2. MOVED NOTE RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - 8260.19J 8-6-9.
3. DP ROUTE DESCRIPTION DEPARTING STINSON MUNI (KSSF): CHANGED **FROM** TAKEOFF RWY 9, 14, 27, 32: CLIMB ON ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO SAT VORTAC, THENCE...**TO** TAKEOFF RWY 10: CLIMB ON HEADING 99.53 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE, TAKEOFF RWY 14: CLIMB ON HEADING 142.36 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE, TAKEOFF RWY 28: CLIMB ON HEADING 279.53 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE, AND TAKEOFF RWY 32: CLIMB ON HEADING 322.36 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO SAT VORTAC, THENCE...- PER SAT TRACON TO DECONFLICT TRAFFIC AND ADJUST WITH SEQUENCING.
4. DP ROUTE DESCRIPTION DEPARTING SAN ANTONIO INTL (KSAT): CHANGED FROM TAKEOFF RWY 4, 13L, 13R, 22, 31L, 31R: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SAT VORTAC, THENCE...ON DEPICTED ROUTE TO LEJON INT, MAINTAIN 5000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. **TO** TAKEOFF RWY 4, 13L, 13R, 22, 31L, 31R: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SAT VORTAC, MAINTAIN 5000, THEN ON DEPICTED ROUTE TO LEJON. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE - THENCE STATEMENT NOT REQUIRED DUE TO ALL RUNWAYS SHARING THE SAME INSTRUCTIONS.
5. STINSON MUNI (KSSF) TAKEOFF MINIMUMS: CHANGED **FROM** RWY 14, 32, STANDARD, RWY 9, STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 1900, RWY 27, 300-1 3/4 OR STANDARD WITH A MINIMUM CLIMB OF 221 FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1700 FT PRIOR TO DEPARTURE END OF RUNWAY **TO** RWY 10: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900, RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900, RWY 28: 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 FT PRIOR TO DER, RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700 - NEW EVAL AND MOVED RWY 14 AND 32 ALTITUDES FROM DP ROUTES DESCRIPTION AND UPDATED CLIMB GRADIENTS FOR ATC SEQUENCING AND AIR TRAFFIC DECONFLICTION.
6. CONTROLLING OBSTACLES: CHANGED RWY 27 TO RWY 28 AND CHANGED OBSTACLE FROM 799 MSL TANK (48-005287) 292049.00N/0983017.00W TO RWY 10: 1546 FT MSL TOWER (48-004668) 291938.75N/0982117.63W, RWY 14: 1546 FT MSL TOWER (48-004668) 291938.75N/0982117.63W, RWY 28: 802 FT MSL TANK (48-005287) 292048.87N/0983016.57W, RWY 32: 1379 FT MSL TOWER (48-001577) 292509.00N/0982901.00W
7. REMOVED TAKEOFF OBSTACLE NOTES AND ADDED SEE FORM 8260-15A TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).- 8260-46J APPENDIX E SECTION 1.2(I).
8. ADDED MSA - 8260.46 SECTION 2 PARA 2(K).
9. AIRPORT SERVED: CHANGED FROM AIRPORT NAMES TO AIRPORT ID: SAN ANTONIO INTL (KSAT) TO KSAT AND STENSON MUNI (KSSF) TO KSSF - UPDATED FORM.
10. REMARKS: ADDED KSAT AND KSSF MSA SECTOR 315-225 MINIMUM REQUIRED ALTITUDE PER OBSTACLE EVALUATION IS 3200. RETAINED 3300 VALUE TO ALIGN WITH OTHER PUBLISHED CONVENTIONAL PROCEDURES. 315-225 MSA SECTOR CONTROLLING OBSTACLE: 3049 FT MSL TOWER (48-005142) 293639N/0985334W, 225-315 MSA SECTOR CONTROLLING OBSTACLE: 2195 FT MSL AAO 300436N/0984009W.- CLARIFICATION.
11. ADDITIONAL FLIGHT DATA: ADDED AIRPORT MV: SAT (P) 4E/2020, SSF 3E/2025 - UPDATED FORMAT
12. COMMUNICATIONS: CHANGED FROM **SAN ANTONIO INTL (KSAT):** ATIS, GND CON, ASOS, CLNC DEL, DEP CON, ATCT TO **SAN ANTONIO INTL (KSAT) CHART:** ATIS, GND CON, ASOS, CLNC DEL, ATCT AND FROM **STINSON MUNI (KSSF):** ATIS, GND CON, ASOS, CLNC DEL, SAT DEP CON, ATCT TO STINSON MUNI (KSSF) CHART: ATIS, GND CON, ASOS, CLNC DEL, ATCT - DEP CON IS AUTOMATICALLY CHARTED, NO NEED TO BE LISTED; 8260.46J SECTION 2(O).
13. REMARKS: ADDED WAIVER TO FAA ORDER 8260.46 MEMORANDUM TO PERMIT ATC ISSUING A RANGE OF INITIAL HEADINGS WITH A MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS -ATC OPERATIONAL REQUIREMENT - INFORM AND CLARIFY.

QUALITY 20 CHECKED