

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
SAN ANTONIO, TX	SAN ANTONIO INTL		1

TAKEOFF MINIMUMS:

RWY 4, 12L, 12R, 22, 30L, 30R – STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12R, ANTENNA ON RTR TOWER, 1034 FT FROM DER, 723 FT RIGHT OF CENTERLINE, 42 FT AGL/820 FT MSL. BUILDING 3801 FT FROM DER, 1488 FT RIGHT OF CENTERLINE, 177 FT AGL/881 FT MSL.

NOTE: RWY 22, ANTENNA ON HANGER AND FLAGPOLE, 1198 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 39 FT AGL/825 FT MSL. POLES BEGINNING 2209 FT FROM DER, 1041 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/869 FT MSL. SIGN 2713 FT FROM DER, 1034 FT RIGHT OF CENTERLINE, 71 FT AGL/857 FT MSL.

NOTE: RWY 30L, POLE 1931 FT FROM DER, 911 FT LEFT OF CENTERLINE, 42 FT AGL/867 FT MSL. POLES BEGINNING 2356 FT FROM DER, 913 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/892 FT MSL. SIGN 2435 FT FROM DER, 1032 FT RIGHT OF CENTERLINE, 42 FT AGL/873 FT MSL. TOWER 2766 FT FROM DER, 834 FT LEFT OF CENTERLINE, 54 FT AGL/891 FT MSL.

NOTE: RWY 30R, ROD ON OL GS 1261 FT FROM DER, 591 FT LEFT OF CENTERLINE, 57 FT AGL/854 FT MSL.

CONTROLLING OBSTACLES:



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SAN ANTONIO, TX	STINSON MUNI		3

INFO ONLY

TAKEOFF MINIMUMS:

TAKEOFF RWY 14, 32: STANDARD.

TAKEOFF RWY 9, STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 1900 OR 1000-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

TAKEOFF 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.

TEXTUAL DEPARTURE PROCEDURES:

RWY 9: FOR CLIMB IN VISUAL CONDITIONS, CROSS STINSON MUNI AIRPORT AT OR ABOVE 1400 MSL BEFORE PROCEEDING ON COURSE.

RWY 14: CLIMB HEADING 137.36 TO 1200 BEFORE TURNING LEFT.

RWY 32: CLIMB HEADING 317.37 TO 1500 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

STINSON MUNI:

NOTE: RWY 9, VEHICLE ON ROAD 285 FT FROM DER, 380 FT LEFT OF CENTERLINE, 15 FT AGL/584 FT MSL. TREES BEGINNING 1653 FT FROM DER, 435 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/629 FT MSL.

NOTE: RWY 14, VEHICLE ON ROAD 114 FT FROM DER, ON CENTERLINE EXTENDING 373 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/564 FT MSL. TREES BEGINNING 72 FT FROM DER, 79 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/607 FT MSL. TREES BEGINNING 232 FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/618 FT MSL. TRANSMISSION LINE TOWER 4205 FT FROM DER, 133 FT RIGHT OF CENTERLINE, 119 FT AGL/663 FT MSL.

NOTE: RWY 27, FENCE 41 FT FROM DER, 30 FT RIGHT OF CENTERLINE, 8 FT AGL/584 FT MSL. VEHICLE ON ROAD 108 FT FROM DER, 202 FT RIGHT OF CENTERLINE, 15 FT AGL/584 FT MSL. VEHICLE ON ROAD 123 FT FROM DER, 113 FT RIGHT OF CENTERLINE, 15 FT AGL/596 FT MSL. TREES AND POLES BEGINNING 229 FT FROM DER, 117 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/645 FT MSL. TREES AND POLES BEGINNING 599 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/634 FT MSL. TANKS BEGINNING 1.32 NM FROM DER, 1338 FT RIGHT OF CENTERLINE, 179 FT AGL/799 FT MSL. BUILDING 1422 FT FROM DER, 432 FT RIGHT OF CENTERLINE, 40 FT AGL/627 FT MSL. BUILDING 2133 FT FROM DER, 36 FT LEFT OF CENTERLINE, 55 FT AGL/635 FT MSL.

NOTE: RWY 32, FENCE 17 FT FROM DER, 80 FT LEFT OF CENTERLINE, 8 FT AGL/578 FT MSL. VEHICLE ON ROAD 54 FT FROM DER, 199 FT LEFT OF CENTERLINE, 15 FT AGL/586 FT MSL. TREES BEGINNING 164 FT FROM DER, 125 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/639 FT MSL. TREES AND POLES BEGINNING 43 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/668 FT MSL.

CONTROLLING OBSTACLES:

RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W; **RWY 27:** 799 MSL TANK (48-005287) 292048.97N/0983016.50W

RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W

VCOA: 940 MSL TOWER (48-007986) 292304.00N/0982719.00W

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REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

LARRY STROUT
(THERON CYRUS)

AJV-353

06/16/2012

APPROVED BY:

JILL OLSON

AJV-353

COORDINATED WITH:

AOPA, ALPA, NBAA, ZHU, SAT DEP CON, SAT ATCT, SSF ATCT, AMGR, ST. AV. DIR

CHANGES:

REASONS: