



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



22111

## SAN ANTONIO, TX

### BOERNE STAGE FLD (5C1)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 18JAN07 (22027) (FAA)

##### DEPARTURE PROCEDURE:

**Rwy 17**, climb heading 169° to 2000 before turning westbound.

**Rwy 35**, climb heading 349° to 2800 before turning westbound.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, tree, pole beginning 20' from DER, 34' left of centerline, up to 1446' MSL.

Tree, pole beginning 47' from DER, 12' right of centerline, up to 1410' MSL.

Pole, tree beginning 788' from DER, 526' left of centerline, up to 1448' MSL.

Trees beginning 1005' from DER, 566' left of centerline, up to 1451' MSL.

Tree 2244' from DER, 986' right of centerline, 1450' MSL.

Tree 2327' from DER, 1069' right of centerline, 1455' MSL.

Tree 2464' from DER, 1005' left of centerline, 1452' MSL.

Tree 2465' from DER, 1093' right of centerline, 1457' MSL.

Tree 2531' from DER, 1082' left of centerline, 1454' MSL.

Trees beginning 2569' from DER, 980' right of centerline, up to 1471' MSL.

Trees beginning 2659' from DER, 1037' right of centerline, up to 1476' MSL.

**Rwy 35**, building beginning 3' from DER, 221' right of centerline, up to 1400' MSL.

Trees beginning 79' from DER, 175' right of centerline, up to 1412' MSL.

Tree, pole beginning 103' from DER, 8' left of centerline, up to 1416' MSL.

Trees beginning 163' from DER, 23' right of centerline, up to 1431' MSL.

Pole, tree beginning 207' from DER, 37' left of centerline, up to 1418' MSL.

Pole, tree beginning 246' from DER, 103' left of centerline, up to 1422' MSL.

Trees beginning 437' from DER, 573' left of centerline, up to 1426' MSL.

Trees beginning 584' from DER, 78' left of centerline, up to 1428' MSL.

Trees beginning 778' from DER, 371' left of centerline, up to 1430' MSL.

## SAN ANTONIO INTL (SAT)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 02MAR17 (17061) (FAA)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 13R**, antenna on rtr tower, 1034' from DER, 723' right of centerline, 42' AGL/820' MSL.

Building 3801' from DER, 1488' right of centerline, 117' AGL/881' MSL.

**Rwy 22**, antenna on hangar and flagpole 1198' from DER, 700' right of centerline, 39' AGL/825' MSL.

Poles beginning 2209' from DER, 1041' right of centerline, up to 23' AGL/869' MSL.

Sign 2713' from DER, 1034' right of centerline, 71' AGL/857' MSL.

**Rwy 31L**, pole 1931' from DER, 911' left of centerline, 42' AGL/867' MSL.

Poles beginning 2356' from DER, 913' left of centerline, up to 42' AGL/892' MSL.

Sign 2435' from DER, 1032' right of centerline, 42' AGL/873' MSL.

Tower 2766' from DER, 834' left of centerline, 54' AGL/891' MSL.

**Rwy 31R**, rod on ol gs 1261' from DER, 591' left of centerline, 57' AGL/854' MSL.

## STINSON MUNI (SSF)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 14FEB08 (08045) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 9**, std. w/min. climb of 225' per NM to 1900 or 1000-2½ for climb in visual conditions.

**Rwy 27**, 300-1¼ or std. w/min. climb of 221' per NM to 900, or alternatively, with std. takeoff minimums and normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to DER.

##### DEPARTURE PROCEDURE:

**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° to 1200 before turning left.

**Rwy 32**, climb heading 317° to 1500 before turning right.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 9**, vehicle on road 285' from DER, 380' left of centerline, 15' AGL/584' MSL.

Trees beginning 1653' from DER, 435' right of centerline, up to 70' AGL/629' MSL.

**Rwy 14**, vehicle on road 114' from DER, on centerline extending 373' left of centerline, up to 15' AGL/564' MSL.

Trees beginning 72' from DER, 79' right of centerline, up to 70' AGL/607' MSL.

Trees beginning 232' from DER, 54' left of centerline, up to 70' AGL/618' MSL.

Transmission line tower 4205' from DER, 133' right of centerline, 119' AGL/663' MSL.

**Rwy 27**, fence 41' from DER, 30' right of centerline, 8' AGL/584' MSL.

Vehicle on road 108' from DER, 202' right of centerline, 15' AGL/584' MSL.

Vehicle on road 123' from DER, 113' right of centerline, 15' AGL/596' MSL.

Trees and poles beginning 229' from DER, 117' right of centerline, up to 70' AGL/645' MSL.

Trees and poles beginning 599' from DER, 6' left of centerline, up to 70' AGL/634' MSL.

Tank beginning 1.32 NM from DER, 1338' right of centerline, 179' AGL/799' MSL.

Building 1422' from DER, 432' right of centerline, 40' AGL/627' MSL.

Building 2133' from DER, 36' left of centerline, 55' AGL/635' MSL.

CON'T

21 APR 2022 to 19 MAY 2022

21 APR 2022 to 19 MAY 2022



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



22111

SC-3



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



22111

## SAN ANTONIO, TX (CON'T)

### STINSON MUNI (SSF) (CON'T)

**Rwy 32**, fence 17' from DER, 80' left of centerline, 8' AGL/578' MSL.  
Vehicle on road 54' from DER, 199' left of centerline, 15' AGL/586' MSL.  
Trees beginning 164' from DER, 125' right of centerline, up to 70' AGL/639' MSL.  
Trees and poles beginning 43' from DER, 41' left of centerline, up to 75' AGL/668' MSL.

## SINTON, TX

### ALFRED C. BUBBA THOMAS (T69)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 13NOV14 (14317) (FAA)

##### TAKEOFF MINIMUMS:

**Rwys 3, 21**, NA-Environmental.

##### DEPARTURE PROCEDURE:

**Rwy 14**, climb runway heading to 800 prior to turning east.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 32**, vehicle on road 29' from DER, 308' right of centerline, 15' AGL/64' MSL.

## SONORA, TX

### SONORA MUNI (SOA)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 20AUG15 (15232) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 18**, 300-1 or std. w/min. climb gradient of 553' per NM to 2400.

##### DEPARTURE PROCEDURE:

**Rwy 18**, climb heading 182° to 2900 before turning left.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 18**, buildings beginning 683' from DER, left and right of centerline, up to 27' AGL/2163' MSL.

Trees and terrain beginning 2233' from DER, 686' right of centerline, up to 50' AGL/2309' MSL.

Tower 4860' from DER, 1458' right of centerline, 75' AGL/2287' MSL.

**Rwy 36**, fence beginning 2' from DER, left and right of centerline, up to 5' AGL/2144' MSL.

Vehicles on road beginning 8' from DER, left and right of centerline, up to 10' AGL/2149' MSL.

Tree 65' from DER, 462' right of centerline, 48' AGL/2178' MSL.

Tree 247' from DER, 337' left of centerline, 47' AGL/2187' MSL.

Trees beginning 278' from DER, 439' right of centerline, up to 27' AGL/2157' MSL.

Tree 759' from DER, 508' left of centerline, 15' AGL/2195' MSL.

Trees and terrain beginning 981' from DER, 258' left of centerline, up to 39' AGL/2269' MSL.

## TAYLOR, TX

### TAYLOR MUNI (T74)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 17AUG17 (17229) (FAA)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 17**, transmission line towers beginning 2212' from DER, 17' left of centerline, up to 50' AGL/656' MSL.

Transmission line towers beginning 2298' from DER, 463' right of centerline, up to 85' AGL/649' MSL.

Transmission line tower 2365' from DER, 1041' right of centerline, 110' AGL/661' MSL.

**Rwy 35**, vehicles on road 773' from DER, 544' left of centerline, 630' MSL.

Pole and tree beginning 829' from DER, 442' left of centerline, up to 28' AGL/642' MSL.

Vehicles on road 1105' from DER, 427' right of centerline, 635' MSL.

Tree 1129' from DER, 415' right of centerline, 639' MSL.

Poles beginning 1150' from DER, 474' right of centerline, up to 30' AGL/644' MSL.

## TEMPLE, TX

### DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 23SEP10 (10266) (FAA)

##### DEPARTURE PROCEDURE:

**Rwy 2**, climb on heading between 085° CW to 200° from DER, or climb on heading between 200° CW to 345° from DER to 3600 before proceeding on course or minimum climb of 250' per NM to 3200 for all other courses.

**Rwy 33**, climb on heading between 070° CW to 155° from DER, or climb on heading between 155° CW to 330° from DER to 3600 before proceeding on course or minimum climb of 240' per NM to 3200 for all other courses.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 2**, tree 279' from DER, 362' right of centerline, 11' AGL/680' MSL.

Bushes and tree beginning 176' from DER, 416' left of centerline, up to 30' AGL/699' MSL.

**Rwy 15**, bush 60' from DER, 210' left of centerline, 11' AGL/680' MSL.

**Rwy 20**, hangars beginning 548' from DER, 571' right of centerline, up to 18' AGL/697' MSL.

**Rwy 33**, trees beginning 307' from DER, 474' right of centerline, up to 32' AGL/701' MSL.

21 APR 2022 to 19 MAY 2022

21 APR 2022 to 19 MAY 2022



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)



22111

SC-3