

APP CRS

308°

Rwy Ldg

8502

TDZE

790

Apt Elev

809

RNAV (RNP) Z RWY 31L

SAN ANTONIO INTL (SAT)

RNP AR APCH - GPS

For uncompensated Baro-VNAV systems, procedure NA below -5°C or above 54°C. For inop ALS, increase RNP 0.15 all Cats visibility to RVR 5500, increase RNP 0.30 all Cats visibility to RVR 6000.

MALSR

MISSED APPROACH: Climb to 4200 direct HASDO and track 307° to REUBE and hold.

|                 |                                    |                                  |                        |
|-----------------|------------------------------------|----------------------------------|------------------------|
| D-ATIS<br>118.9 | SAN ANTONIO APP CON<br>125.1 307.0 | SAN ANTONIO TOWER<br>119.8 257.8 | GND CON<br>121.9 348.6 |
|-----------------|------------------------------------|----------------------------------|------------------------|

RNAV (RNP) Z RWY 31L chart showing the approach path from HASDO to REUBE. The chart includes various waypoints and altitudes:

- HASDO (MISSED APCH FIX) 307° (7.1)
- REUBE (MISSED APCH FIX) 117° 297° 4 NM
- JUUST 4000 164° (3.3)
- HUGUK 2700 308° (2.4)
- ZUBOX 2700 (3)
- CUERO 5000 128° (3.1)
- UMIYU 3300 (3.5)
- CUGRR 4000
- REYNA 210K 5000 021° (9.8)
- WENDL 5000
- DEFIX 2200
- RTAMA 6000 210K
- GOKUU 6000 210K
- SLLOW 210K

MSA RW31L 25 NM 4100

ELEV 809

D

TDZE 790

4200

HASDO

tr 307°

REUBE

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00°/TCH 82).

See planview for multiple IF locations.

RW31L

2200

308°

GP 3.00°

TCH 60

|             |   |         |             |   |
|-------------|---|---------|-------------|---|
| CATEGORY    | A | B       | C           | D |
| RNP 0.15 DA |   | 1144/30 | 354 (400-%) |   |
| RNP 0.30 DA |   | 1200/40 | 410 (400-¾) |   |

TDZL/RCLS Rwy 13R

REIL Rwy 13L, 22 and 31R

HIRL Rwy 4-22 and 13R-31L

MIRL Rwy 13L-31R

4.3 NM

2200

308°

GP 3.00°

TCH 60

AUTHORIZATION REQUIRED

SAN ANTONIO, TEXAS

Amdt 1 25JAN24

29°32'N-98°28'W

RNAV (RNP) Z RWY 31L

SAN ANTONIO INTL (SAT)

25331