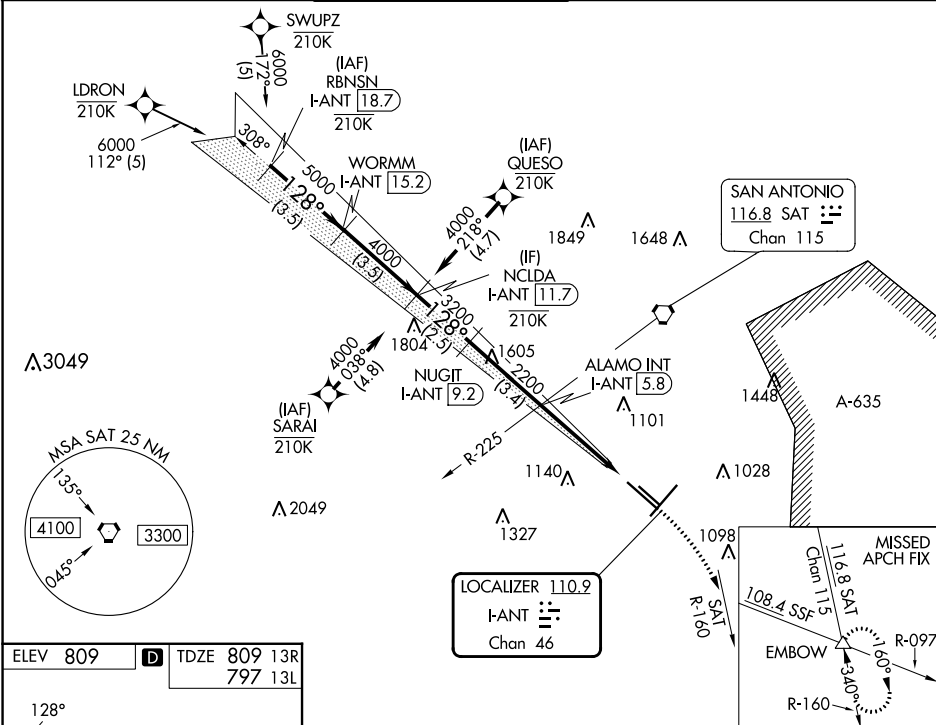


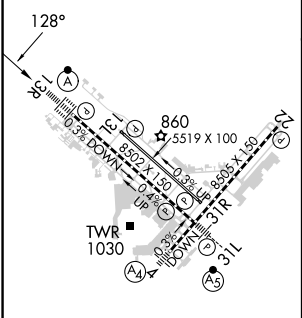
|                                                 |                        |                                                                   |                                                                   |
|-------------------------------------------------|------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| LOC/DME I-ANT<br><b>110.9</b><br>Chan <b>46</b> | APP CRS<br><b>128°</b> | Rwy 13R Idg <b>8502</b><br>TDZE <b>809</b><br>Apt Elev <b>809</b> | Rwy 13L Idg <b>5519</b><br>TDZE <b>797</b><br>Apt Elev <b>809</b> |
|-------------------------------------------------|------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|

ILS or LOC RWY 13R  
SAN ANTONIO INTL (SAT)

|                                                                                                                         |                                           |                                         |                                                                                              |                                                                                            |       |  |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------|--|
| RNP APCH-GPS. From LDRON, SWUPZ, SARAI, QUESO.                                                                          |                                           |                                         | ALSIF-2<br> | MISSED APPROACH: Climb to 3100 on heading 128° and SAT VORTAC R-160 to EMBOW INT and hold. |       |  |
| RNAV 1-GPS or RADAR required for procedure entry. DME required.                                                         |                                           |                                         |                                                                                              |                                                                                            |       |  |
|  Circling NA northwest of Rws 4 and 13R. |                                           |                                         |                                                                                              |                                                                                            |       |  |
| D-ATIS<br><b>118.9</b>                                                                                                  | SAN ANTONIO APP CON<br><b>125.1 307.0</b> | SAN ANTONIO TOWER<br><b>119.8 257.8</b> | GND CON<br><b>121.9 348.6</b>                                                                | CLNC DEL<br><b>126.7</b>                                                                   | CPDLC |  |



|                 |   |                                       |
|-----------------|---|---------------------------------------|
| ELEV <b>809</b> | D | TDZE <b>809 13R</b><br><b>797 13L</b> |
|-----------------|---|---------------------------------------|



|                                                                                             |      |      |      |      |      |
|---------------------------------------------------------------------------------------------|------|------|------|------|------|
| TDZ/CL Rwy 13R<br>REIL Rws 13L, 22 and 31R<br>HIRL Rws 4-22 and 13R-31L<br>MIRL Rwy 13L-31R |      |      |      |      |      |
| FAF to MAP 4.2 NM                                                                           |      |      |      |      |      |
| Knots                                                                                       | 60   | 90   | 120  | 150  | 180  |
| Min:Sec                                                                                     | 4:12 | 2:48 | 2:06 | 1:41 | 1:24 |

|                                                                 |                     |             |                                         |
|-----------------------------------------------------------------|---------------------|-------------|-----------------------------------------|
| VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 75). |                     |             |                                         |
| 3100<br>hdg 128°                                                |                     |             |                                         |
| SAT R-160                                                       |                     |             |                                         |
| EMBOW                                                           |                     |             |                                         |
| NCLDA I-ANT 11.7                                                |                     |             |                                         |
| 4000 128°                                                       |                     |             |                                         |
| NUGIT I-ANT 9.2                                                 |                     |             |                                         |
| 3200                                                            |                     |             |                                         |
| ALAMO INT I-ANT 5.8                                             |                     |             |                                         |
| 2200                                                            |                     |             |                                         |
| GS 3.00° TCH 58                                                 |                     |             |                                         |
| 2.5 NM 3.4 NM 2.4 NM 1.8 NM                                     |                     |             |                                         |
| CATEGORY                                                        | A                   | B           | C                                       |
| S-ILS 13R                                                       | 1009/18 200 (200-½) |             |                                         |
| S-LOC 13R                                                       | 1460/24             | 651 (700-½) | 1460-1⅓ 651 (700-1⅓)                    |
| SIDESTEP 13L                                                    | 1480-1              | 683 (700-1) | 1480-2 683 (700-2¼)                     |
| CIRCLING                                                        | 1480-1              | 671 (700-1) | 1480-2 671 (700-2) 1520-2¼ 711 (800-2¼) |

SC-3, 21 MAR 2024 to 18 APR 2024

SC-3, 21 MAR 2024 to 18 APR 2024