

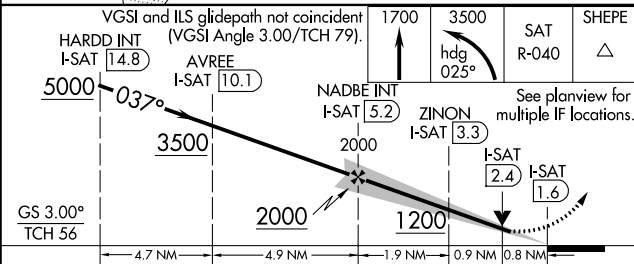
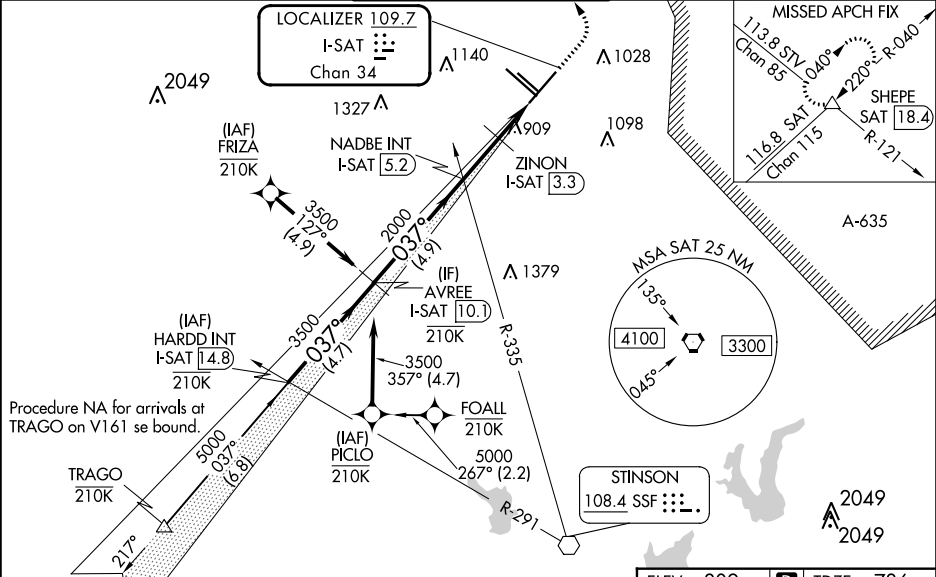
|               |         |          |      |
|---------------|---------|----------|------|
| LOC/DME I-SAT | APP CRS | Rwy ldg  | 8505 |
| 109.7         | 037°    | TDZE     | 786  |
| Chan 34       |         | Apt Elev | 809  |

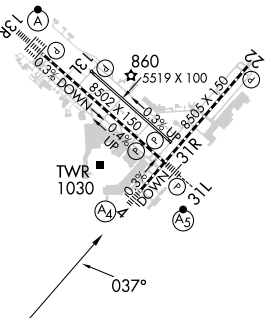
ILS or LOC RWY 4

SAN ANTONIO INTL (SAT)

|                                                                                               |                                                                                                                                                                                        |                                                                                                              |                                                                                                                                            |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| RNP APCH-GPS. From TRAGO or PICLO or FRIZA.                                                   |                                                                                                                                                                                        | <div>MALS</div> <div></div> | MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 on heading 025° and on SAT VORTAC R-040 to SHEPE INT/SAT 18.4 DME and hold. |
| Aircraft not GPS equipped - RADAR required for procedure entry.                               |                                                                                                                                                                                        |                                                                                                              |                                                                                                                                            |
| <div> NA</div> | Circling NA northwest of Rwy 4 and 13R. Autopilot coupled approach NA below 1189. Inop table does not apply to S-ILS 4. For inop ALS, increase S-LOC 4 Cat C/D visibility to RVR 6000. |                                                                                                              |                                                                                                                                            |

|                 |                                    |                                  |                        |                   |       |
|-----------------|------------------------------------|----------------------------------|------------------------|-------------------|-------|
| 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 | CLNC DEL<br>126.7 | CPDLC |
|-----------------|------------------------------------|----------------------------------|------------------------|-------------------|-------|



|                                                                                     |                          |
|-------------------------------------------------------------------------------------|--------------------------|
| ELEV 809                                                                            | TDZE 786                 |
| TDZ/CL Rwy 13R                                                                      |                          |
| REIL Rws 13L, 22 and 31R                                                            |                          |
| HIRL Rws 4-22 and 13R-31L                                                           |                          |
| MIRL Rwy 13L-31R                                                                    |                          |
|  |                          |
| FAF to MAP 3.6 NM                                                                   |                          |
| Knots                                                                               | 60 90 120 150 180        |
| Min:Sec                                                                             | 3:36 2:24 1:48 1:26 1:12 |