

LTBA

Istanbul Ataturk

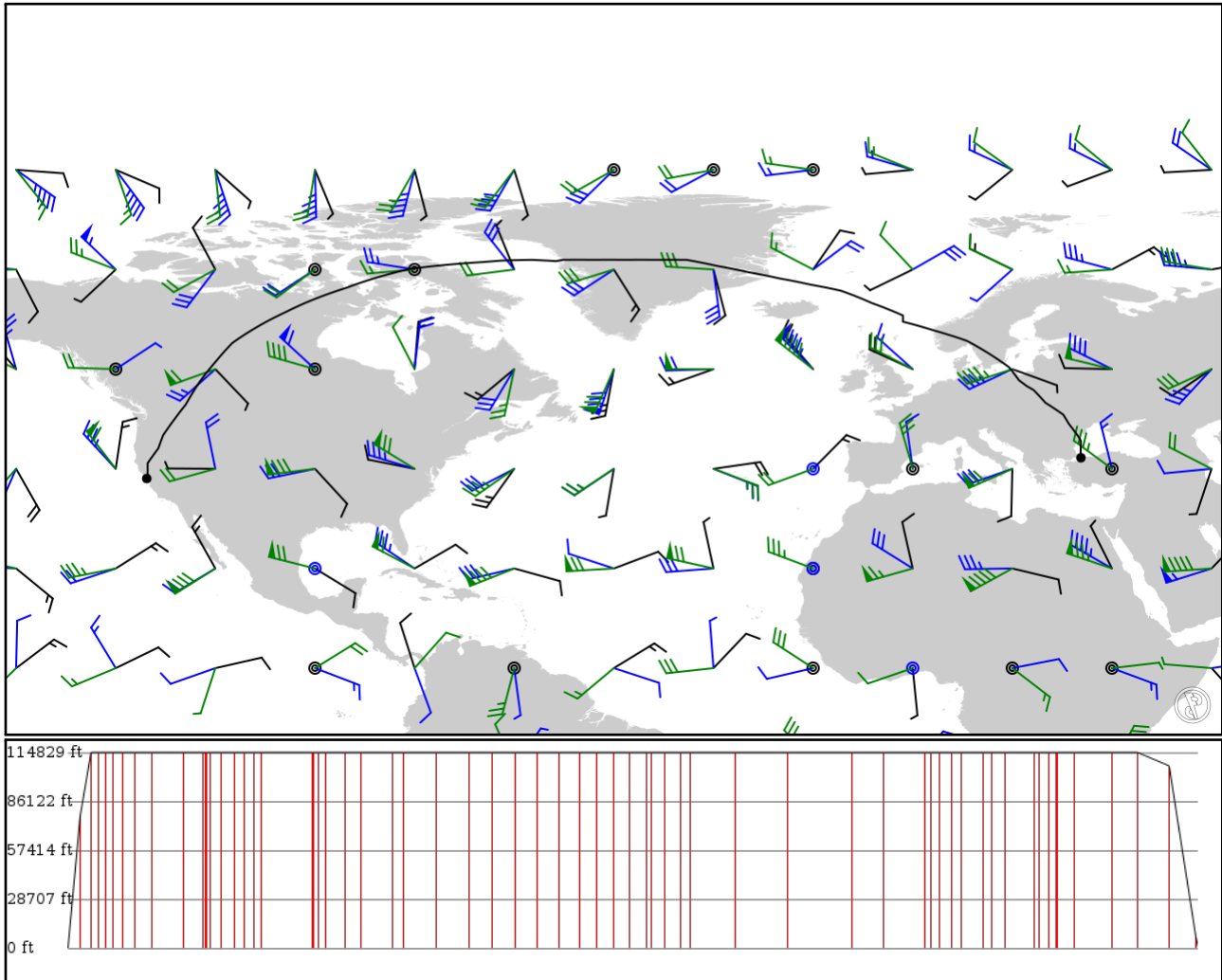
KSFO

San Francisco Intl

2024/05/11 1022Z

LTBA RIXEN **UN616** DINRO **UL601** CND **UN616** BUKOV **UL621** GRU **UN133** PENOR **UL727** ISVIG 6400N0000E
6600N0500W 6800N01000W 6900N01500W 7000N02000W 7100N02500W 7200N03000W 7300N03500W 7300N04000W
7300N04500W 7300N05000W 7300N05500W UP 7300N06000W MANSE MEDPA **NCAH** N7130 **NCA50** N6430 **NCA1** YBE
J517 BZXIV **J3** RBL **J1** OAK KSFO

5938.07 nm / 10997.30 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes

- Use low airways: no
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-------------------|
| LTBA | - | 40.97914 | 0 ft | - | Istanbul Ataturk |
| APT | - | 28.81283 | 0 m | | |
| RIXEN | - | 42.08222 | 23,600 ft | 66 | - |
| FIX | - | 28.76611 | 7,193 m | | |
| MATEL | UN616 | 43.05917 | 35,000 ft | 58 | - |
| FIX | AWY-HI | 28.79194 | 10,668 m | | |
| DINRO | UN616 | 43.70000 | 35,000 ft | 38 | - |
| FIX | AWY-HI | 28.80833 | 10,668 m | | |
| CND | UL601 | 44.29446 | 35,000 ft | 38 | CONSTANTA VOR-DME |
| VOR | AWY-HI | 28.47952 | 10,668 m | | |
| PILAT | UN616 | 44.82382 | 35,000 ft | 35 | - |
| FIX | AWY-HI | 28.09774 | 10,668 m | | |
| EVIKA | UN616 | 45.61252 | 35,000 ft | 53 | - |
| FIX | AWY-HI | 27.51387 | 10,668 m | | |
| BCU | UN616 | 46.51092 | 35,000 ft | 61 | BACAU VOR-DME |
| VOR | AWY-HI | 26.82554 | 10,668 m | | |
| BUKOV | UN616 | 47.95133 | 35,000 ft | 93 | - |
| FIX | AWY-HI | 25.95660 | 10,668 m | | |
| DIBED | UL621 | 49.88833 | 35,000 ft | 163 | - |
| FIX | AWY-HI | 23.05833 | 10,668 m | | |
| OMAVA | UL621 | 51.38389 | 35,000 ft | 103 | - |
| FIX | AWY-HI | 21.68806 | 10,668 m | | |
| KOZEN | UL621 | 51.57861 | 35,000 ft | 13 | - |
| FIX | AWY-HI | 21.50194 | 10,668 m | | |
| MARIA | UL621 | 51.65583 | 35,000 ft | 5 | - |
| FIX | AWY-HI | 21.42778 | 10,668 m | | |
| LIN | UL621 | 51.93289 | 35,000 ft | 19 | LININ VOR-DME |
| VOR | AWY-HI | 21.15853 | 10,668 m | | |
| REMPA | UL621 | 52.60056 | 35,000 ft | 58 | - |
| FIX | AWY-HI | 20.00417 | 10,668 m | | |
| GRU | UL621 | 53.52124 | 35,000 ft | 70 | GRUDZIADZ VOR-DME |
| VOR | AWY-HI | 18.78134 | 10,668 m | | |
| KRT | UN133 | 54.29974 | 35,000 ft | 50 | KARTUZY VOR-DME |
| VOR | AWY-HI | 18.20799 | 10,668 m | | |
| KOSEL | UN133 | 55.03833 | 35,000 ft | 48 | - |
| FIX | AWY-HI | 17.64056 | 10,668 m | | |
| PENOR | UN133 | 55.63861 | 35,000 ft | 39 | - |
| FIX | AWY-HI | 17.16139 | 10,668 m | | |
| OSLOB | UL727 | 59.09444 | 35,000 ft | 269 | - |
| FIX | AWY-HI | 11.82294 | 10,668 m | | |
| MOGLU | UL727 | 59.12500 | 35,000 ft | 2 | - |
| FIX | AWY-HI | 11.76917 | 10,668 m | | |
| SORPI | UL727 | 59.41667 | 35,000 ft | 23 | - |
| FIX | AWY-HI | 11.24917 | 10,668 m | | |
| TRF | UL727 | 59.92918 | 35,000 ft | 42 | TYRIFJORD NDB |
| NDB | AWY-HI | 10.26931 | 10,668 m | | |
| SOPEN | UL727 | 60.84778 | 35,000 ft | 98 | - |
| FIX | AWY-HI | 7.50000 | 10,668 m | | |
| FLO | UL727 | 61.58156 | 35,000 ft | 84 | FLORO VOR-DME |
| VOR | AWY-HI | 5.02018 | 10,668 m | | |
| ISVIG | UL727 | 63.00000 | 35,000 ft | 163 | - |
| FIX | AWY-HI | 0.00000 | 10,668 m | | |
| 6400N0000E | - | 64.00000 | 35,000 ft | 60 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-----------------------|
| LATLON | - | 0.00000 | 10,668 m | | |
| 6600N0500W | - | 66.00000 | 35,000 ft | 174 | - |
| LATLON | - | -5.00000 | 10,668 m | | |
| 6800N01000W | - | 68.00000 | 35,000 ft | 167 | - |
| LATLON | - | -10.00000 | 10,668 m | | |
| 6900N01500W | - | 69.00000 | 35,000 ft | 125 | - |
| LATLON | - | -15.00000 | 10,668 m | | |
| 7000N02000W | - | 70.00000 | 35,000 ft | 121 | - |
| LATLON | - | -20.00000 | 10,668 m | | |
| 7100N02500W | - | 71.00000 | 35,000 ft | 116 | - |
| LATLON | - | -25.00000 | 10,668 m | | |
| 7200N03000W | - | 72.00000 | 35,000 ft | 112 | - |
| LATLON | - | -30.00000 | 10,668 m | | |
| 7300N03500W | - | 73.00000 | 35,000 ft | 108 | - |
| LATLON | - | -35.00000 | 10,668 m | | |
| 7300N04000W | - | 73.00000 | 35,000 ft | 87 | - |
| LATLON | - | -40.00000 | 10,668 m | | |
| 7300N04500W | - | 73.00000 | 35,000 ft | 87 | - |
| LATLON | - | -45.00000 | 10,668 m | | |
| 7300N05000W | - | 73.00000 | 35,000 ft | 87 | - |
| LATLON | - | -50.00000 | 10,668 m | | |
| 7300N05500W | - | 73.00000 | 35,000 ft | 87 | - |
| LATLON | - | -55.00000 | 10,668 m | | |
| UP | - | 72.79261 | 35,000 ft | 23 | UPERNAVIK NDB |
| NDB | - | -56.14602 | 10,668 m | | |
| 7300N06000W | - | 73.00000 | 35,000 ft | 69 | - |
| LATLON | - | -60.00000 | 10,668 m | | |
| MANSE | - | 72.88333 | 35,000 ft | 86 | - |
| FIX | - | -64.91667 | 10,668 m | | |
| MEDPA | - | 72.66111 | 35,000 ft | 51 | - |
| FIX | - | -67.71333 | 10,668 m | | |
| N7130 | NCAH | 71.50000 | 35,000 ft | 237 | - |
| FIX | AWY-HI | -80.00000 | 10,668 m | | |
| N6830 | NCAL50 | 68.50028 | 35,000 ft | 272 | - |
| FIX | AWY-HI | -90.00000 | 10,668 m | | |
| N6430 | NCAL50 | 64.50000 | 35,000 ft | 338 | - |
| FIX | AWY-HI | -100.00000 | 10,668 m | | |
| TADOM | NCAL1 | 62.44917 | 35,000 ft | 163 | - |
| FIX | AWY-HI | -103.98722 | 10,668 m | | |
| YBE | NCAL1 | 59.55500 | 35,000 ft | 218 | URANIUM CITY NDB |
| NDB | AWY-HI | -108.51750 | 10,668 m | | |
| TUFLY | J517 | 59.03667 | 35,000 ft | 34 | - |
| FIX | AWY-HI | -109.01833 | 10,668 m | | |
| PEVRA | J517 | 58.39167 | 35,000 ft | 42 | - |
| FIX | AWY-HI | -109.61667 | 10,668 m | | |
| ALPIM | J517 | 57.46333 | 35,000 ft | 61 | - |
| FIX | AWY-HI | -110.43833 | 10,668 m | | |
| YMM | J517 | 56.64722 | 35,000 ft | 53 | FORT MCMURRAY VOR-DME |
| VOR | AWY-HI | -111.12222 | 10,668 m | | |
| CACHO | J517 | 54.90417 | 35,000 ft | 115 | - |
| FIX | AWY-HI | -112.56944 | 10,668 m | | |
| ABENY | J517 | 54.25167 | 35,000 ft | 42 | - |
| FIX | AWY-HI | -113.07611 | 10,668 m | | |
| YEG | J517 | 53.18556 | 35,000 ft | 69 | EDMONTON VOR-DME |
| VOR | AWY-HI | -113.86686 | 10,668 m | | |
| FARNS | J517 | 50.75408 | 35,000 ft | 156 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|--------------------|
| FIX | AWY-HI | -115.39547 | 10,668 m | | |
| LUMBY | J517 | 50.35778 | 35,000 ft | 25 | - |
| FIX | AWY-HI | -115.62889 | 10,668 m | | |
| YXC | J517 | 49.55499 | 35,000 ft | 51 | CRANBROOK VOR-DME |
| VOR | AWY-HI | -116.08770 | 10,668 m | | |
| BZXIV | J517 | 49.00000 | 35,000 ft | 37 | - |
| FIX | AWY-HI | -116.53093 | 10,668 m | | |
| EDGES | J3 | 48.96475 | 35,000 ft | 2 | - |
| FIX | AWY-HI | -116.55924 | 10,668 m | | |
| GEG | J3 | 47.56494 | 35,000 ft | 94 | SPOKANE VORTAC |
| VOR | AWY-HI | -117.62689 | 10,668 m | | |
| IMB | J3 | 44.64839 | 35,000 ft | 195 | KIMBERLY VORTAC |
| VOR | AWY-HI | -119.71164 | 10,668 m | | |
| LKV | J3 | 42.49286 | 35,000 ft | 134 | LAKEVIEW VORTAC |
| VOR | AWY-HI | -120.50711 | 10,668 m | | |
| RBL | J3 | 40.09891 | 32,600 ft | 163 | RED BLUFF VORTAC |
| DME | AWY-HI | -122.23635 | 9,936 m | | |
| OAK | J1 | 37.72592 | 2,000 ft | 142 | OAKLAND VORTAC |
| VOR | AWY-HI | -122.22358 | 610 m | | |
| KSFO | - | 37.61867 | 0 ft | 9 | San Francisco Intl |
| APT | - | -122.37501 | 0 m | | |

LTBA

Region: TURKEY
Timezone: EUROPE/ISTANBUL
Runways: 1

Elevation: 163 ft / 50 m
Location: 40.976100 28.814200
Magnetic Var: 6.066 E

METAR

LTBA 110950Z 02013KT 9999 -SHRA BKN023 BKN070 14/12 Q1013 RMK RWY23 02011KT

TAF

TAF LTBA 110440Z 1106/1206 02017G28KT 9999 -SHRA BKN025 BKN080 BECMG 1109/1112 SCT035 BKN100 BECMG 1114/1117 0301

Frequencies

| | |
|--------------------------------------|--------------------------------------|
| REC - 130.25 MHz - D-ATIS ARRIVAL | REC - 128.20 MHz - D-ATIS DEPARTURE |
| TWR - 118.02 MHz - YESILKOY TOWER | TWR - 118.10 MHz - YESILKOY TOWER |
| TWR - 118.17 MHz - YESILKOY TOWER | TWR - 118.37 MHz - YESILKOY TOWER |
| TWR - 119.80 MHz - YESILKOY TOWER | TWR - 121.35 MHz - YESILKOY TOWER |
| TWR - 121.60 MHz - YESILKOY TOWER | TWR - 121.97 MHz - YESILKOY TOWER |
| TWR - 123.52 MHz - YESILKOY TOWER | TWR - 125.30 MHz - YESILKOY TOWER |
| TWR - 125.90 MHz - YESILKOY TOWER | TWR - 126.05 MHz - YESILKOY TOWER |
| TWR - 126.80 MHz - YESILKOY TOWER | APP - 118.95 MHz - YESILKOY APPROACH |
| APP - 119.35 MHz - YESILKOY APPROACH | APP - 119.47 MHz - YESILKOY APPROACH |
| APP - 120.12 MHz - YESILKOY APPROACH | APP - 120.45 MHz - YESILKOY APPROACH |
| APP - 120.50 MHz - YESILKOY APPROACH | APP - 120.70 MHz - YESILKOY APPROACH |
| APP - 121.10 MHz - YESILKOY APPROACH | APP - 121.25 MHz - YESILKOY APPROACH |
| APP - 122.47 MHz - YESILKOY APPROACH | APP - 122.57 MHz - YESILKOY APPROACH |
| APP - 122.67 MHz - YESILKOY APPROACH | APP - 124.45 MHz - YESILKOY APPROACH |
| APP - 126.42 MHz - YESILKOY APPROACH | APP - 127.10 MHz - YESILKOY APPROACH |
| APP - 127.82 MHz - YESILKOY APPROACH | APP - 128.72 MHz - YESILKOY APPROACH |
| APP - 130.30 MHz - YESILKOY APPROACH | APP - 131.12 MHz - YESILKOY APPROACH |
| APP - 132.05 MHz - YESILKOY APPROACH | APP - 132.32 MHz - YESILKOY APPROACH |
| APP - 132.47 MHz - YESILKOY APPROACH | APP - 132.77 MHz - YESILKOY APPROACH |
| APP - 132.95 MHz - YESILKOY APPROACH | APP - 133.07 MHz - YESILKOY APPROACH |
| APP - 133.22 MHz - YESILKOY APPROACH | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 05 | 197 ft | 8,513 ft | 58.45 | ASPHALT | 492 ft | 207 ft |
| | 60 m | 2,595 m | 52.38 | | 150 m | 63 m |
| 23 | 197 ft | 8,513 ft | 238.47 | ASPHALT | 0 ft | 197 ft |
| | 60 m | 2,595 m | 232.40 | | 0 m | 60 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 05 | DME | IIST | 110.30 MHz | 18 nm | - | - | 82 ft |
| | | | | 33 km | - | | 82 m |
| 23 | DME | IATA | 111.90 MHz | 18 nm | - | - | 163 ft |
| | | | | 33 km | - | | 163 m |
| 05 | LOC-ILS | IIST | 110.30 MHz | 18 nm | 58.46 | - | 163 ft |
| | | | | 33 km | 52.39 | | 163 m |
| 23 | LOC-ILS | IATA | 111.90 MHz | 18 nm | 238.46 | - | 163 ft |
| | | | | 33 km | 232.39 | | 163 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 05 | GS | IIST | 110.30 MHz | 10 nm | 58.46 | 3.00 | 163 ft |
| | | | | 19 km | 52.39 | | 163 m |
| 23 | GS | IATA | 111.90 MHz | 10 nm | 238.46 | 3.20 | 163 ft |
| | | | | 19 km | 232.39 | | 163 m |

KSFO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.843 E

METAR

KSFO 110956Z 29007KT 10SM CLR 14/11 A2993 RMK A02 SLP134 T01440106 \$

TAF

TAF AMD KSFO 110841Z 1109/1212 31006KT P6SM SCT250 FM112000 28016KT P6SM SCT250 FM120600 26009KT P6SM SCT250

Frequencies

| | |
|--|---|
| REC - 113.70 MHz - D-ATIS | REC - 115.80 MHz - D-ATIS |
| REC - 118.85 MHz - D-ATIS | COM - 122.95 MHz - UNICOM |
| CLD - 118.20 MHz - | GND - 121.80 MHz - SAN FRANCISCO GROUND |
| SAN FRANCISCO CLEARANCE DELIVERY | APP - 134.50 MHz - NORCAL APPROACH |
| TWR - 120.50 MHz - SAN FRANCISCO TOWER | APP - 128.57 MHz - NORCAL APPROACH |
| APP - 128.32 MHz - NORCAL APPROACH | DEP - 120.90 MHz - NORCAL DEPARTURE |
| APP - 133.95 MHz - NORCAL APPROACH | |
| DEP - 135.10 MHz - NORCAL DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 10L | 200 ft | 11,859 ft | 117.90 | ASPHALT | 0 ft | 876 ft |
| | 61 m | 3,615 m | 105.05 | | 0 m | 267 m |
| 28R | 200 ft | 11,859 ft | 297.92 | ASPHALT | 302 ft | 318 ft |
| | 61 m | 3,615 m | 285.08 | | 92 m | 97 m |
| 10R | 200 ft | 11,371 ft | 117.90 | ASPHALT | 0 ft | 748 ft |
| | 61 m | 3,466 m | 105.05 | | 0 m | 228 m |
| 28L | 200 ft | 11,371 ft | 297.92 | ASPHALT | 305 ft | 322 ft |
| | 61 m | 3,466 m | 285.08 | | 93 m | 98 m |
| 01R | 200 ft | 8,665 ft | 27.71 | ASPHALT | 564 ft | 404 ft |
| | 61 m | 2,641 m | 14.87 | | 172 m | 123 m |
| 19L | 200 ft | 8,665 ft | 207.72 | ASPHALT | 0 ft | 443 ft |
| | 61 m | 2,641 m | 194.88 | | 0 m | 135 m |
| 01L | 200 ft | 7,664 ft | 27.71 | ASPHALT | 643 ft | 469 ft |
| | 61 m | 2,336 m | 14.87 | | 196 m | 143 m |
| 19R | 200 ft | 7,664 ft | 207.72 | ASPHALT | 0 ft | 446 ft |
| | 61 m | 2,336 m | 194.88 | | 0 m | 136 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 19L | DME | ISIA | 108.90 MHz | 18 nm | - | - | 24 ft |
| | | | | 33 km | - | | 24 m |
| 28L | DME | ISFO | 109.55 MHz | 18 nm | - | - | 22 ft |
| | | | | 33 km | - | | 22 m |
| 28R | DME | IGWQ | 111.70 MHz | 18 nm | - | - | 17 ft |
| | | | | 33 km | - | | 17 m |
| 28R | DME | IFNP | 110.75 MHz | 18 nm | - | - | 13 ft |
| | | | | 33 km | - | | 13 m |
| 19L | LOC-ILS | ISIA | 108.90 MHz | 18 nm | 207.72 | - | 13 ft |
| | | | | 33 km | 194.88 | | 13 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 28L | LOC-ILS | ISFO | 109.55 MHz | 18 nm | 297.91 | - | 13 ft |
| | | | | 33 km | 285.07 | | 13 m |
| 28R | LOC-ILS | IGWQ | 111.70 MHz | 18 nm | 297.91 | - | 13 ft |
| | | | | 33 km | 285.07 | | 13 m |
| 19L | GS | ISIA | 108.90 MHz | 10 nm | 207.72 | 3.00 | 13 ft |
| | | | | 19 km | 194.88 | | 13 m |
| 28L | GS | ISFO | 109.55 MHz | 10 nm | 297.91 | 2.85 | 13 ft |
| | | | | 19 km | 285.07 | | 13 m |
| 28R | GS | IGWQ | 111.70 MHz | 10 nm | 297.91 | 3.00 | 13 ft |
| | | | | 19 km | 285.07 | | 13 m |