

KSFO

San Francisco International

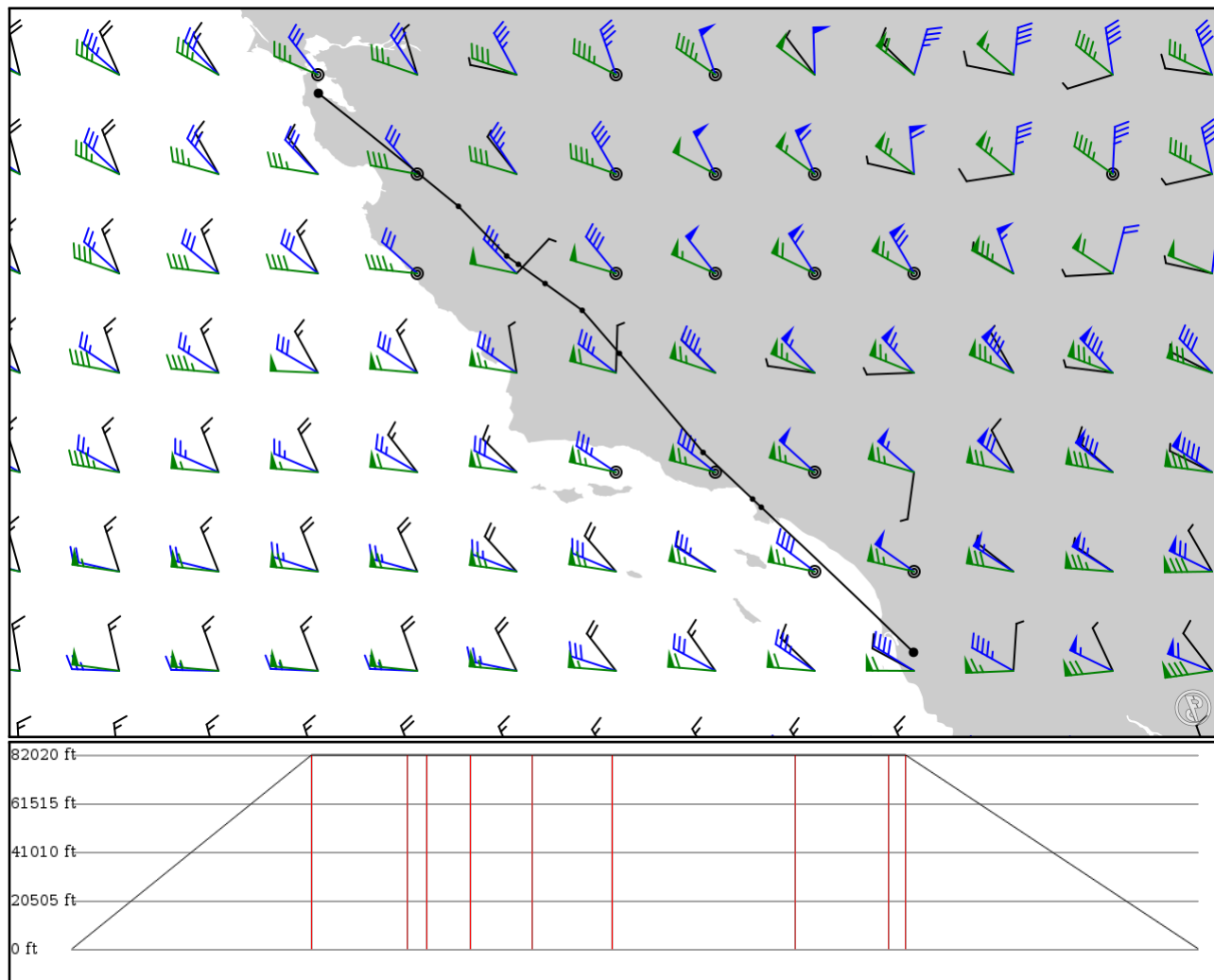
MMTJ

Tijuana Intl

2024/05/02 1715Z

KSFO RANCK V485 ROM V137 AVE J1 DERBB T263 FIM J1 LAX V165 HERMO MMTJ

405.29 nm / 750.60 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 225kts
- Cruise Altitude: 25000ft
- Cruise Speed: 300kts
- Descent Rate: 1500ft/min
- Descent Speed: 225kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-----------------------------|
| KSFO | - | 37.61850 | 0 ft | - | San Francisco International |
| APT | - | -122.37500 | 0 m | | |
| RANCK | - | 36.59160 | 25,000 ft | 86 | - |
| FIX | - | -121.10300 | 7,620 m | | |
| ROM | V485 | 36.14040 | 25,000 ft | 34 | PRIEST |
| VOR | AWY-LO | -120.66500 | 7,620 m | | |
| OKEEF | V137 | 36.06500 | 25,000 ft | 6 | - |
| FIX | AWY-LO | -120.55900 | 7,620 m | | |
| NEFDE | V137 | 35.89060 | 25,000 ft | 15 | - |
| FIX | AWY-LO | -120.31600 | 7,620 m | | |
| AVE | V137 | 35.64700 | 25,000 ft | 21 | AVENAL |
| VOR | AWY-LO | -119.97900 | 7,620 m | | |
| DERBB | J1 | 35.25590 | 25,000 ft | 28 | - |
| FIX | AWY-HI | -119.64100 | 7,620 m | | |
| FIM | T263 | 34.35670 | 25,000 ft | 65 | FILLMORE |
| VOR | AWY-LO | -118.88100 | 7,620 m | | |
| LAX | J1 | 33.93320 | 25,000 ft | 33 | LOS ANGELES |
| VOR | AWY-HI | -118.43200 | 7,620 m | | |
| HERMO | V165 | 33.85900 | 25,000 ft | 5 | - |
| FIX | AWY-LO | -118.35300 | 7,620 m | | |
| MMTJ | - | 32.54110 | 0 ft | 105 | Tijuana Intl |
| APT | - | -116.97000 | 0 m | | |

KSFO

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

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.845 E

METAR

KSFO 021656Z 28014KT 10SM FEW006 SCT250 16/09 A3004 RMK A02 SLP173 T01560094

TAF

KSFO 021457Z 0215/0318 27017KT P6SM SKC FM022000 29020G30KT P6SM SKC FM030500 28015KT P6SM SKC FM031100 28010KT P

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 | 285.07 | | 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 | 285.07 | | 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 | 194.87 | | 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 | 194.87 | | 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 | 194.87 | | 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 | 285.06 | | 13 m |
| 28R | LOC-ILS | IGWQ | 111.70 MHz | 18 nm | 297.91 | - | 13 ft |
| | | | | 33 km | 285.06 | | 13 m |
| 19L | GS | ISIA | 108.90 MHz | 10 nm | 207.72 | 3.00 | 13 ft |
| | | | | 19 km | 194.87 | | 13 m |
| 28L | GS | ISFO | 109.55 MHz | 10 nm | 297.91 | 2.85 | 13 ft |
| | | | | 19 km | 285.06 | | 13 m |
| 28R | GS | IGWQ | 111.70 MHz | 10 nm | 297.91 | 3.00 | 13 ft |
| | | | | 19 km | 285.06 | | 13 m |

MMTJ

Region: MEXICO
Timezone: AMERICA/TIJUANA
Runways: 1

Elevation: 487 ft / 148 m
Location: 32.541100 -116.970000
Magnetic Var: 10.890 E

METAR

UNKNOWN

TAF

TAF AMD MMTJ 021409Z 0214/0312 00000KT 3SM BR OVC010 TX21/0222Z TN14/0312Z FM021800 28010KT 5SM HZ BKN020 FM022100

Frequencies

REC - 127.90 MHz - TIJUANA ATIS
GND - 126.10 MHz - TIJUANA GROUND
APP - 119.50 MHz - TIJUANA APPROACH
CLD - 122.35 MHz - TIJUANA CLEARANCE
TWR - 118.10 MHz - TIJUANA TOWER
APP - 120.30 MHz - TIJUANA APPROACH

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 09 | 146 ft | 9,704 ft | 98.90 | ASPHALT | 0 ft | 200 ft |
| | 45 m | 2,958 m | 88.01 | | 0 m | 61 m |
| 27 | 146 ft | 9,704 ft | 278.92 | ASPHALT | 0 ft | 194 ft |
| | 45 m | 2,958 m | 268.03 | | 0 m | 59 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09 | DME | ITIJ | 111.50 MHz | 18 nm | - | - | 489 ft |
| | | | | 33 km | - | | 489 m |
| 09 | LOC-ILS | ITIJ | 111.50 MHz | 18 nm | 98.91 | - | 485 ft |
| | | | | 33 km | 88.02 | | 485 m |
| 09 | GS | ITIJ | 111.50 MHz | 10 nm | 98.91 | 3.00 | 485 ft |
| | | | | 19 km | 88.02 | | 485 m |