

# KSFO

San Francisco Intl

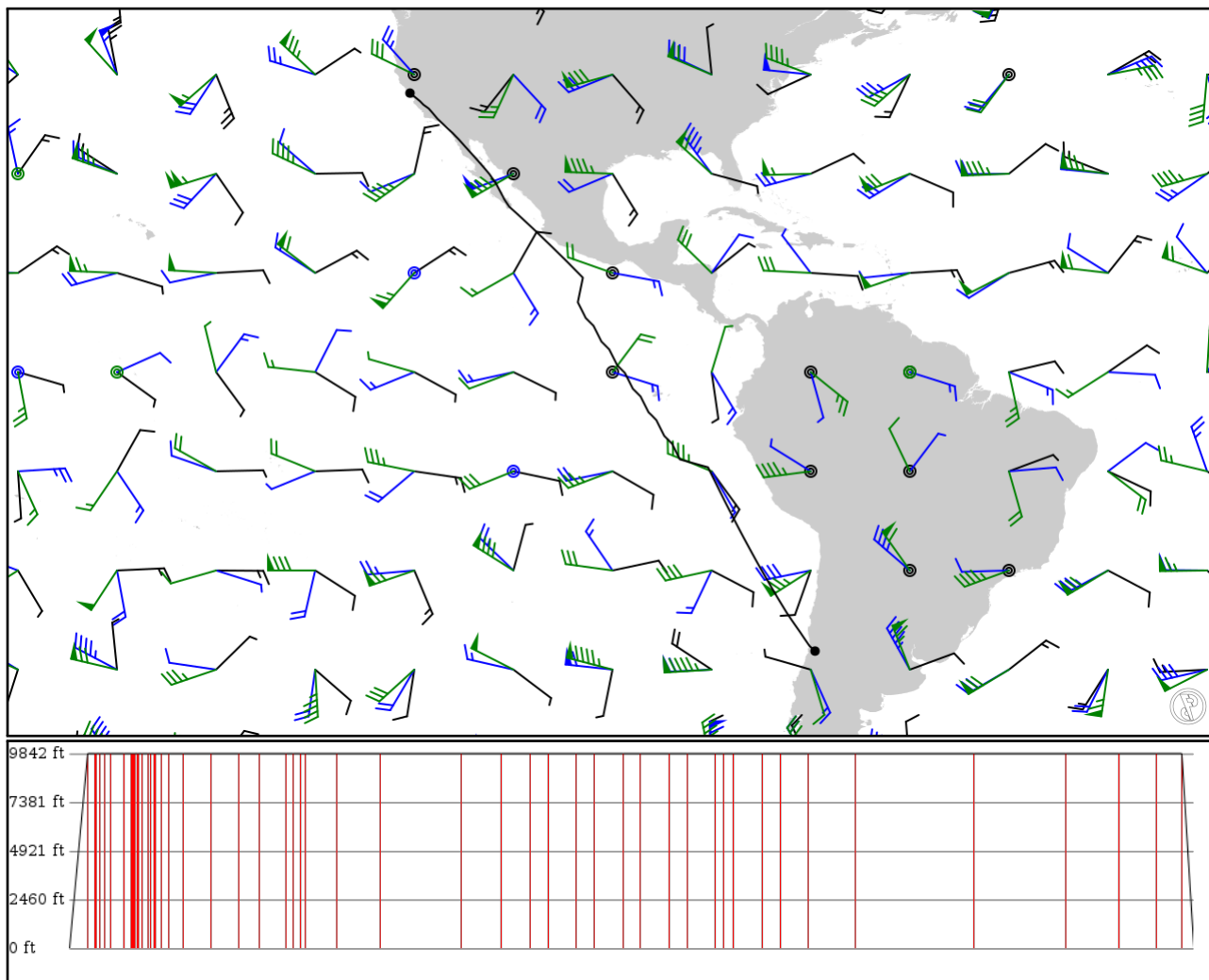
# SCEL

Arturo Merino Benitez Intl

2024/05/21 1530Z

KSFO RANCK **V485** ROM **V137** AVE **J1** DERBB **T263** FIM **J1** LAX **V165** HERMO **V25** MZB **J1** TIJ **UT6** IMUSU **UT25**  
LTO **J1** SJD **UL312** BERAN 1100N-10100W 900N-10000W 800N0-9900W 600N0-9800W 500N0-9700W 300N0-9600W  
200N0-9500W 000N0-9400W -100S0-9300W -300S0-9200W UDILA -400S0-9100W -600S0-9000W -700S0-8900W  
-900S0-8800W ILVOS **UL401** VTN SCEL

5302.87 nm / 9820.91 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 3000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

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 Intl
APT	-	-122.37500	0 m		
RANCK	-	36.59160	3,000 ft	86	-
FIX	-	-121.10300	914 m		
ROM	V485	36.14040	3,000 ft	34	PRIEST
VOR	AWY-LO	-120.66500	914 m		
OKEEF	V137	36.06500	3,000 ft	6	-
FIX	AWY-LO	-120.55900	914 m		
NEFDE	V137	35.89060	3,000 ft	15	-
FIX	AWY-LO	-120.31600	914 m		
AVE	V137	35.64700	3,000 ft	21	AVENAL
VOR	AWY-LO	-119.97900	914 m		
DERBB	J1	35.25590	3,000 ft	28	-
FIX	AWY-HI	-119.64100	914 m		
FIM	T263	34.35670	3,000 ft	65	FILLMORE
VOR	AWY-LO	-118.88100	914 m		
LAX	J1	33.93320	3,000 ft	33	LOS ANGELES
VOR	AWY-HI	-118.43200	914 m		
HERMO	V165	33.85900	3,000 ft	5	-
FIX	AWY-LO	-118.35300	914 m		
WILMA	V25	33.77120	3,000 ft	7	-
FIX	AWY-LO	-118.25900	914 m		
FERMY	V25	33.73340	3,000 ft	3	-
FIX	AWY-LO	-118.21900	914 m		
ALBAS	V25	33.59960	3,000 ft	10	-
FIX	AWY-LO	-118.07800	914 m		
MINOE	V25	33.50430	3,000 ft	7	-
FIX	AWY-LO	-117.97700	914 m		
PACIF	V25	33.28590	3,000 ft	17	-
FIX	AWY-LO	-117.74800	914 m		
REDIN	V25	32.95110	3,000 ft	26	-
FIX	AWY-LO	-117.40000	914 m		
MZB	V25	32.78220	3,000 ft	13	MISSION BAY (SAN DIEGO)
VOR	AWY-LO	-117.22500	914 m		
TEYON	J1	32.60060	3,000 ft	15	-
FIX	AWY-HI	-117.02100	914 m		
TIJ	J1	32.54040	3,000 ft	4	TIJUANA
VOR	AWY-HI	-116.95300	914 m		
TOPOS	UT6	32.15190	3,000 ft	30	-
FIX	AWY-HI	-116.58000	914 m		
KOBAM	UT6	31.74520	3,000 ft	31	-
FIX	AWY-HI	-116.17700	914 m		
DUPOL	UT6	30.80860	3,000 ft	70	-
FIX	AWY-HI	-115.35100	914 m		
XOSMA	UT6	29.07720	3,000 ft	132	-
FIX	AWY-HI	-113.78500	914 m		
IMUSU	UT6	27.32830	3,000 ft	132	-
FIX	AWY-HI	-112.27000	914 m		
LTO	UT25	25.98070	3,000 ft	94	LORETO
VOR	AWY-HI	-111.35000	914 m		
LAP	J1	24.08560	3,000 ft	125	LA PAZ
VOR	AWY-HI	-110.35900	914 m		
AMARI	J1	23.61610	3,000 ft	33	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-110.03900	914 m		
SJD	J1	23.14620	3,000 ft	33	CABOS (SAN JOSE DEL CABO)
VOR	AWY-HI	-109.72200	914 m		
SIBAU	UL312	22.85560	3,000 ft	25	-
FIX	AWY-HI	-109.39700	914 m		
AXOKA	UL312	21.13750	3,000 ft	146	-
FIX	AWY-HI	-107.52000	914 m		
ORFEO	UL312	18.70390	3,000 ft	205	-
FIX	AWY-HI	-104.96900	914 m		
BERAN	UL312	14.12580	3,000 ft	382	-
FIX	AWY-HI	-100.36100	914 m		
1100N-10100W	-	11.00000	3,000 ft	191	-
LATLON	-	-101.00000	914 m		
900N-10000W	-	9.00000	3,000 ft	133	-
LATLON	-	-100.00000	914 m		
800N0-9900W	-	8.00000	3,000 ft	84	-
LATLON	-	-99.00000	914 m		
600N0-9800W	-	6.00000	3,000 ft	134	-
LATLON	-	-98.00000	914 m		
500N0-9700W	-	5.00000	3,000 ft	84	-
LATLON	-	-97.00000	914 m		
300N0-9600W	-	3.00000	3,000 ft	134	-
LATLON	-	-96.00000	914 m		
200N0-9500W	-	2.00000	3,000 ft	84	-
LATLON	-	-95.00000	914 m		
000N0-9400W	-	0.00000	3,000 ft	134	-
LATLON	-	-94.00000	914 m		
-100S0-9300W	-	-1.00000	3,000 ft	84	-
LATLON	-	-93.00000	914 m		
-300S0-9200W	-	-3.00000	3,000 ft	134	-
LATLON	-	-92.00000	914 m		
UDILA	-	-3.40000	3,000 ft	34	-
FIX	-	-91.58390	914 m		
-400S0-9100W	-	-4.00000	3,000 ft	50	-
LATLON	-	-91.00000	914 m		
-600S0-9000W	-	-6.00000	3,000 ft	134	-
LATLON	-	-90.00000	914 m		
-700S0-8900W	-	-7.00000	3,000 ft	84	-
LATLON	-	-89.00000	914 m		
-900S0-8800W	-	-9.00000	3,000 ft	134	-
LATLON	-	-88.00000	914 m		
ILVOS	-	-10.00000	3,000 ft	220	-
FIX	-	-84.42030	914 m		
ESDIN	UL401	-18.35000	3,000 ft	558	-
FIX	AWY-HI	-80.20330	914 m		
JURAK	UL401	-24.78500	3,000 ft	434	-
FIX	AWY-HI	-76.62920	914 m		
ANPUK	UL401	-28.50330	3,000 ft	253	-
FIX	AWY-HI	-74.40250	914 m		
RENEM	UL401	-30.96860	3,000 ft	172	-
FIX	AWY-HI	-72.70470	914 m		
VTN	UL401	-32.73860	3,000 ft	122	VENTANAS
VOR	AWY-HI	-71.49610	914 m		
SCEL	-	-33.39100	0 ft	52	Arturo Merino Benitez Intl
APT	-	-70.79430	0 m		

## KSFO

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 4

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.840 E

## METAR

KSFO 211456Z 16003KT 10SM CLR 14/10 A2998 RMK A02 SLP151 T01390100 51009 \$

## TAF

TAF AMD KSFO 211456Z 2115/2218 32006KT P6SM FEW010 FM212100 29015G25KT P6SM FEW250 FM220400 26015KT P6SM FEW250 FM

## 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	105.06		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	105.06		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

## SCEL

Region: CHILE  
Timezone: AMERICA/SANTIAGO  
Runways: 2

Elevation: 1,555 ft / 474 m  
Location: -33.391000 -70.794300  
Magnetic Var: 0.780 E

## METAR

SCEL 211500Z 18006KT 150V240 8000 SCT005 BKN020 10/09 Q1017 NOSIG

## TAF

TAF SCEL 211040Z 2112/2212 33004KT 5000 SHRA SCT005 BKN010 OVC020 TX12/2119Z TN08/2210Z BECMG 2113/2115 7000 -SHR

## Frequencies

REC - 132.70 MHz - ATIS	TWR - 118.10 MHz - SANTIAGO TOWER
TWR - 118.35 MHz - SANTIAGO TOWER	GND - 122.20 MHz - SANTIAGO GROUND
CLD - 121.70 MHz - CLEARANCE DELIVERY	APP - 119.70 MHz - SANTIAGO APPROACH
APP - 129.70 MHz - SANTIAGO APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	148 ft	12,479 ft	177.47	ASPHALT	0 ft	0 ft
	45 m	3,804 m	176.69		0 m	0 m
35L	148 ft	12,479 ft	357.47	ASPHALT	0 ft	0 ft
	45 m	3,804 m	356.69		0 m	0 m
17L	180 ft	12,315 ft	177.42	ASPHALT	0 ft	0 ft
	55 m	3,754 m	176.64		0 m	0 m
35R	180 ft	12,315 ft	357.42	ASPHALT	1,785 ft	0 ft
	55 m	3,754 m	356.64		544 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IUEL	110.30 MHz	18 nm	-	-	1,557 ft
				33 km	-		1,557 m
17R	DME	IMER	111.10 MHz	18 nm	-	-	1,555 ft
				33 km	-		1,555 m
17L	LOC-ILS	IUEL	110.30 MHz	18 nm	177.42	-	1,555 ft
				33 km	176.64		1,555 m
17R	LOC-ILS	IMER	111.10 MHz	18 nm	177.47	-	1,555 ft
				33 km	176.69		1,555 m
17L	GS	IUEL	110.30 MHz	10 nm	177.42	3.00	1,555 ft
				19 km	176.64		1,555 m
17R	GS	IMER	111.10 MHz	10 nm	177.47	3.00	1,555 ft
				19 km	176.69		1,555 m