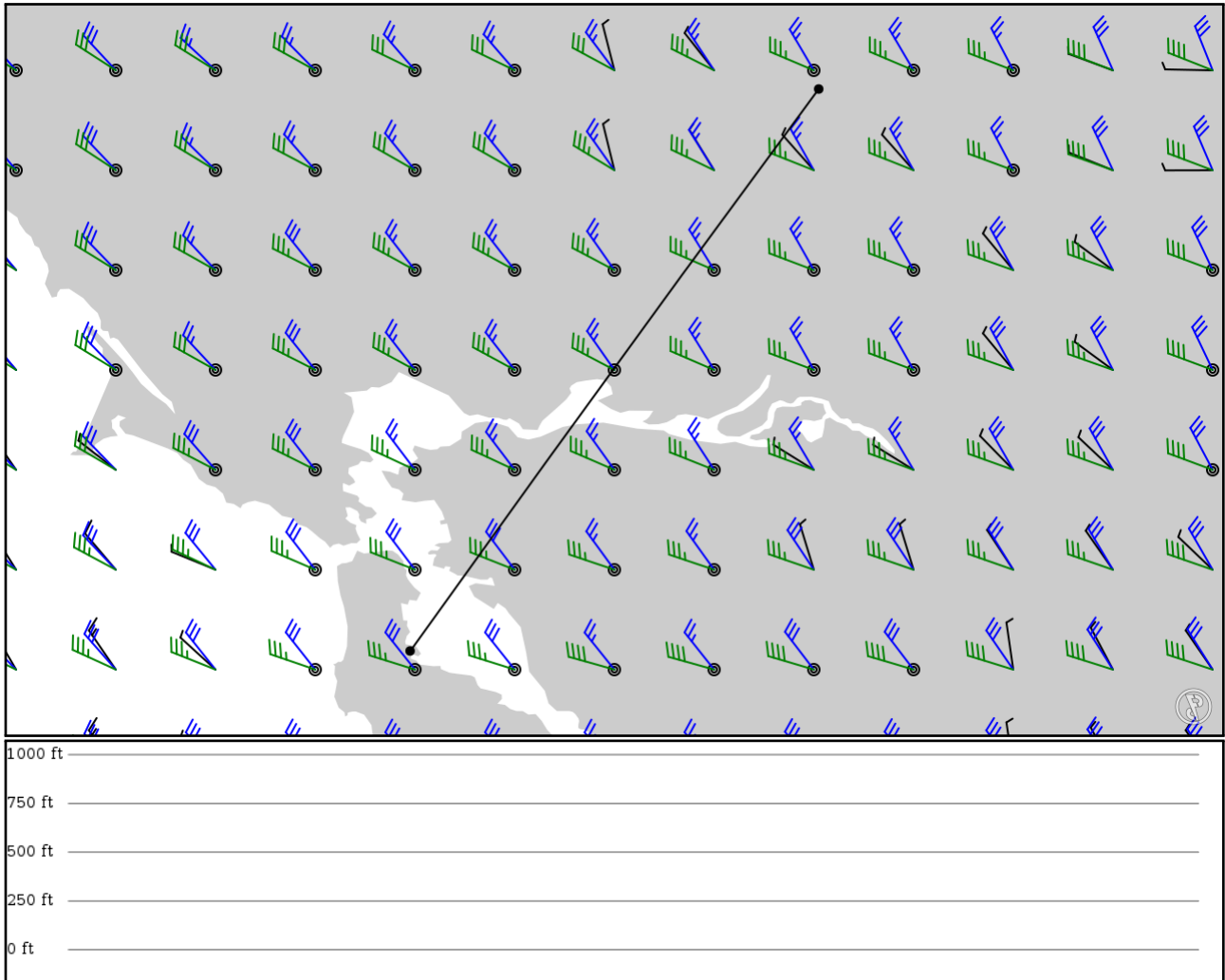


2024/05/06 0939Z

KSMF SFO KSFO

74.52 nm / 138.02 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 19000ft
- Cruise Speed: 280kts
- 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
KSMF	-	38.69543	0 ft	-	Sacramento Intl
APT	-	-121.59077	0 m		
SFO	-	37.61948	0 ft	74	SAN FRANCISCO VOR-DME
DME	-	-122.37389	0 m		
KSFO	-	37.61867	0 ft	0	San Francisco Intl
APT	-	-122.37501	0 m		

## KSMF

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 2

Elevation: 27 ft / 8 m  
Location: 38.695400 -121.591000  
Magnetic Var: 12.931 E

## METAR

KSMF 060853Z 12007KT 10SM CLR 09/06 A3010 RMK A02 SLP191 T00940061 52007

## TAF

TAF KSMF 060520Z 0606/0706 18009KT P6SM SKC

## Frequencies

REC - 126.75 MHz - SACRAMENTO ATIS  
GND - 121.70 MHz - CAPITOL GROUND  
APP - 125.40 MHz - NORCAL APPROACH  
APP - 125.25 MHz - NORCAL APPROACH

CLD - 121.10 MHz - CAPITOL CLEARANCE  
TWR - 125.70 MHz - CAPITOL TOWER  
APP - 127.40 MHz - NORCAL APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	151 ft	8,617 ft	180.76	CONCRETE	0 ft	259 ft
	46 m	2,627 m	167.83		0 m	79 m
35R	151 ft	8,617 ft	0.76	CONCRETE	0 ft	256 ft
	46 m	2,627 m	347.83		0 m	78 m
17R	151 ft	8,613 ft	180.75	CONCRETE	0 ft	154 ft
	46 m	2,625 m	167.82		0 m	47 m
35L	151 ft	8,613 ft	0.75	CONCRETE	0 ft	154 ft
	46 m	2,625 m	347.82		0 m	47 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	LOC-ILS	IMDK	111.75 MHz	18 nm	180.76	-	27 ft
				33 km	167.83		27 m
17R	LOC-ILS	ISMF	111.10 MHz	18 nm	180.75	-	27 ft
				33 km	167.82		27 m
35L	LOC-ILS	IHUX	111.10 MHz	18 nm	0.76	-	27 ft
				33 km	347.83		27 m
17L	GS	IMDK	111.75 MHz	10 nm	180.76	3.00	27 ft
				19 km	167.83		27 m
17R	GS	ISMF	111.10 MHz	10 nm	180.75	3.00	27 ft
				19 km	167.82		27 m
35L	GS	IHUX	111.10 MHz	10 nm	0.75	3.00	27 ft
				19 km	347.82		27 m

## KSFO

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

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.844 E

## METAR

KSFO 060856Z 27010KT 10SM FEW015 11/07 A3013 RMK AO2 SLP204 T01060067 58004 \$

## TAF

KSFO 060839Z 0609/0712 28009KT P6SM FEW015 FM061900 28017KT P6SM BKN250

## 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	194.88		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	194.87		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	194.88		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