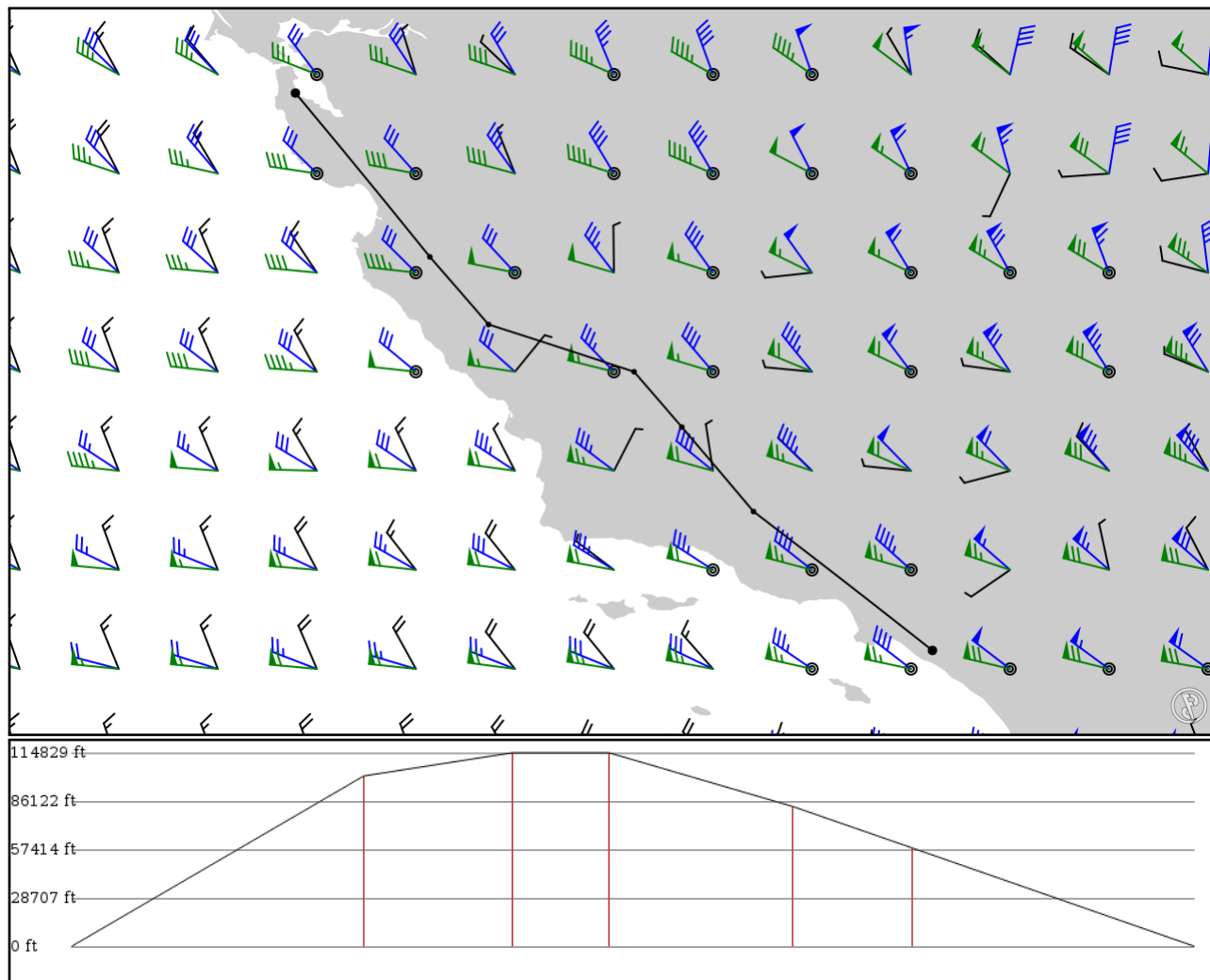


2024/05/17 1049Z

KSNA REYES J1 AVE J6 ROBIE J126 GOALI KSFO

330.96 nm / 612.95 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: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSNA APT	-	33.67610 -117.86800	0 ft 0 m	-	John Wayne/Orange County
REYES FIX	-	34.65870 -119.13400	30,800 ft 9,388 m	86	-
DERBB FIX	J1 AWY-HI	35.25590 -119.64100	35,000 ft 10,668 m	43	-
AVE VOR	J1 AWY-HI	35.64700 -119.97900	35,000 ft 10,668 m	28	AVENAL
ROBIE FIX	J6 AWY-HI	35.98150 -121.00900	25,300 ft 7,711 m	54	-
GOALI FIX	J126 AWY-HI	36.45950 -121.42400	17,800 ft 5,425 m	35	-
KSFO APT	-	37.61850 -122.37500	0 ft 0 m	83	San Francisco International

KSNA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 2

Elevation: 56 ft / 17 m
Location: 33.676100 -117.868000
Magnetic Var: 11.280 E

METAR

KSNA 170953Z AUTO 16003KT 10SM OVC027 17/12 A2997 RMK A02 SLP148 T01670117

TAF

KSNA 170728Z 1707/1806 VRB04KT P6SM OVC025 FM171000 VRB03KT P6SM OVC018 FM172000 21009KT P6SM SCT025 FM180300 220

Frequencies

REC - 126.00 MHz - ATIS	COM - 126.80 MHz - CTAF
COM - 122.95 MHz - UNICOM	CLD - 118.00 MHz - CLEARANCE DELIVERY
CLD - 121.85 MHz - CLEARANCE DELIVERY	GND - 120.80 MHz - JOHN WAYNE GROUND
GND - 132.25 MHz - JOHN WAYNE GROUND	TWR - 119.90 MHz - JOHN WAYNE TOWER
TWR - 126.80 MHz - JOHN WAYNE TOWER	TWR - 128.35 MHz - JOHN WAYNE TOWER
APP - 121.30 MHz - SOCAL APPROACH	DEP - 128.10 MHz - SOCAL DEPARTURE
DEP - 132.70 MHz - SOCAL DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	151 ft	5,711 ft	27.79	ASPHALT	0 ft	1,001 ft
	46 m	1,741 m	16.51		0 m	305 m
20R	151 ft	5,711 ft	207.80	ASPHALT	0 ft	194 ft
	46 m	1,741 m	196.52		0 m	59 m
02R	75 ft	2,891 ft	27.81	ASPHALT	0 ft	404 ft
	23 m	881 m	16.53		0 m	123 m
20L	75 ft	2,891 ft	207.81	ASPHALT	0 ft	151 ft
	23 m	881 m	196.53		0 m	46 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
20R	DME	IOJW	108.30 MHz	18 nm	-	-	40 ft
				33 km	-		40 m
20R	DME	ISNA	111.75 MHz	18 nm	-	-	68 ft
				33 km	-		68 m
20R	LOC-ILS	ISNA	111.75 MHz	18 nm	207.81	-	56 ft
				33 km	196.53		56 m
20R	GS	ISNA	111.75 MHz	10 nm	207.81	3.00	56 ft
				19 km	196.53		56 m

KSFO

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

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.841 E

METAR

KSFO 170956Z 27010KT 10SM FEW004 BKN010 OVC015 12/09 A2994 RMK A02 SLP137 T01220089

TAF

TAF AMD KSFO 170901Z 1709/1812 26010KT P6SM BKN009 FM171600 VRB05KT P6SM FEW010 FM172100 27013KT P6SM SKC FM180600

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