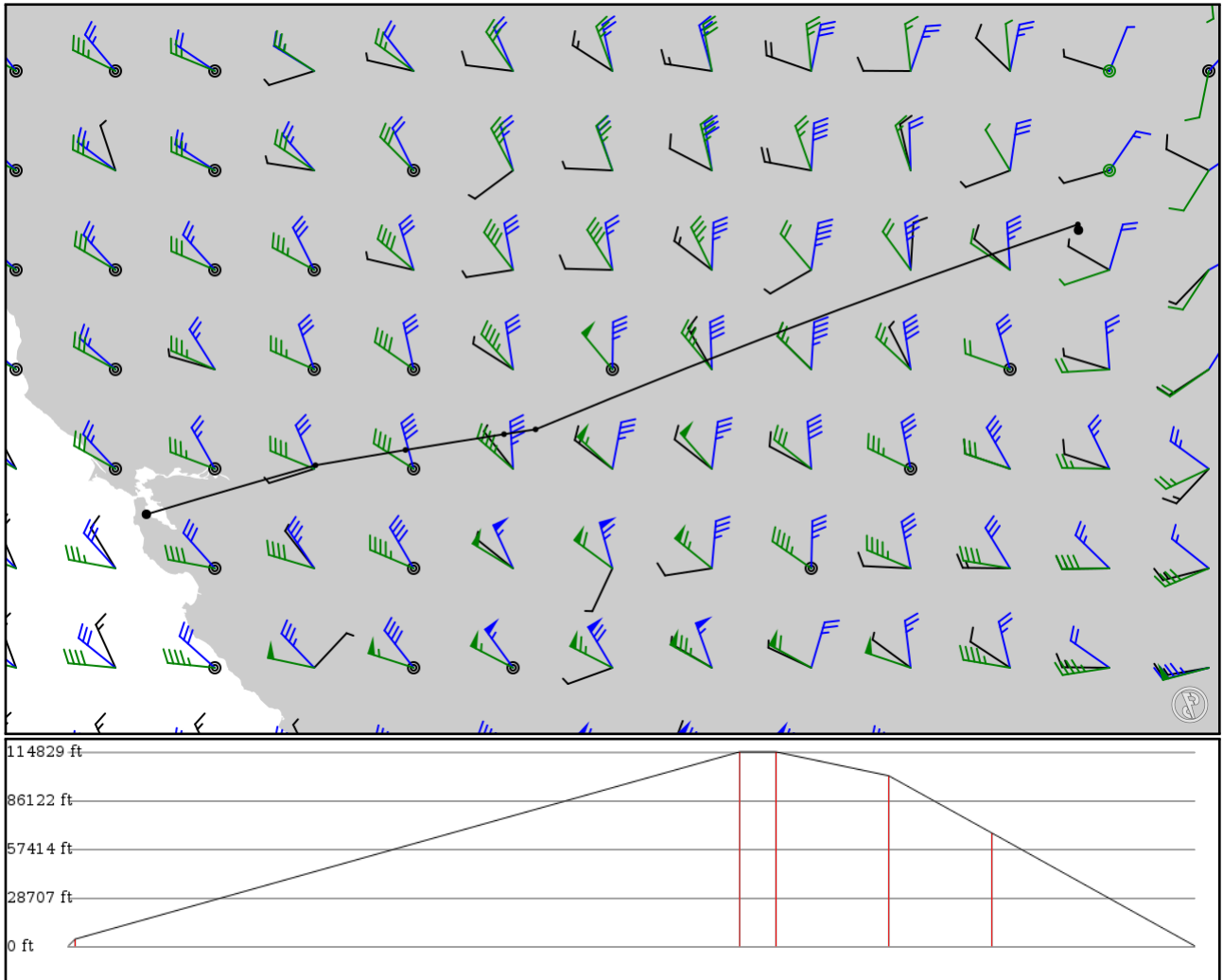


2024/05/23 0453Z

KSLC TCH **J56** MVA **J84** MELTS KSFO

528.50 nm / 978.77 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 31000ft
- 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
KSLC APT	-	40.78697 -111.97543	0 ft 0 m	-	Salt Lake City Intl
TCH VOR	-	40.85025 -111.98192	1,300 ft 396 m	3	WASATCH VORTAC
MVA VOR	J56 AWY-HI	38.56531 -118.03286	35,000 ft 10,668 m	311	MINA VORTAC
BABIT FIX	J84 AWY-HI	38.51148 -118.38457	35,000 ft 10,668 m	16	-
SONNY FIX	J84 AWY-HI	38.33575 -119.48453	30,700 ft 9,357 m	52	-
MELTS FIX	J84 AWY-HI	38.16558 -120.48856	20,400 ft 6,218 m	48	-
KSFO APT	-	37.61867 -122.37501	0 ft 0 m	95	San Francisco Intl

## KSLC

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 4

Elevation: 4,227 ft / 1,288 m

Location: 40.787000 -111.975000

Magnetic Var: 10.768 E

## METAR

KSLC 230422Z 36029G39KT 10SM BKN130 BKN160 15/06 A2970 RMK A02 PK WND 36039/0421 WSHFT 0402 PRESRR T01500056 \$

## TAF

KSLC 230328Z 2303/2406 28008KT P6SM SCT080 BKN150 FM230410 35020G36KT P6SM SCT060 OVC100 FM230530 34015G25KT P6SM

## Frequencies

REC - 124.75 MHz - ATIS

COM - 122.95 MHz - UNICOM

GND - 121.90 MHz -

TWR - 118.30 MHz -

TWR - 132.65 MHz -

APP - 124.30 MHz - APP/DEP

APP - 126.25 MHz - APP/DEP

REC - 127.62 MHz - ATIS

CLD - 127.30 MHz - CLNC DEL

GND - 133.65 MHz -

TWR - 119.05 MHz -

APP - 121.10 MHz - APP/DEP

APP - 124.90 MHz - APP/DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	151 ft	12,013 ft	174.97	ASPHALT	0 ft	394 ft
	46 m	3,662 m	164.21		0 m	120 m
34R	151 ft	12,013 ft	354.98	ASPHALT	0 ft	400 ft
	46 m	3,662 m	344.21		0 m	122 m
16R	151 ft	12,013 ft	174.97	CONCRETE	0 ft	400 ft
	46 m	3,662 m	164.20		0 m	122 m
34L	151 ft	12,013 ft	354.97	CONCRETE	0 ft	400 ft
	46 m	3,662 m	344.20		0 m	122 m
17	151 ft	9,606 ft	179.99	ASPHALT	0 ft	102 ft
	46 m	2,928 m	169.22		0 m	31 m
35	151 ft	9,606 ft	359.99	ASPHALT	335 ft	312 ft
	46 m	2,928 m	349.22		102 m	95 m
14	151 ft	4,896 ft	153.08	ASPHALT	0 ft	0 ft
	46 m	1,492 m	142.32		0 m	0 m
32	151 ft	4,896 ft	333.09	ASPHALT	0 ft	0 ft
	46 m	1,492 m	322.32		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	DME	IMOY	109.50 MHz	18 nm	-	-	4,227 ft
				33 km	-		4,227 m
16R	DME	IUAT	111.90 MHz	18 nm	-	-	4,227 ft
				33 km	-		4,227 m
17	DME	IBNT	111.50 MHz	18 nm	-	-	4,227 ft
				33 km	-		4,227 m
34L	DME	IUUH	111.90 MHz	18 nm	-	-	4,227 ft
				33 km	-		4,227 m
34R	DME	ISLC	109.50 MHz	18 nm	-	-	4,227 ft
				33 km	-		4,227 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	LOC-ILS	IMOY	109.50 MHz	18 nm 33 km	174.98 164.21	-	4,227 ft 4,227 m
16R	LOC-ILS	IUAT	111.90 MHz	18 nm 33 km	174.97 164.20	-	4,227 ft 4,227 m
17	LOC-ILS	IBNT	111.50 MHz	18 nm 33 km	179.99 169.22	-	4,227 ft 4,227 m
34L	LOC-ILS	IUUH	111.90 MHz	18 nm 33 km	354.97 344.20	-	4,227 ft 4,227 m
34R	LOC-ILS	ISLC	109.50 MHz	18 nm 33 km	354.98 344.21	-	4,227 ft 4,227 m
35	LOC-ILS	IUTJ	111.50 MHz	18 nm 33 km	359.99 349.22	-	4,227 ft 4,227 m
16L	GS	IMOY	109.50 MHz	10 nm 19 km	174.98 164.21	3.00	4,227 ft 4,227 m
16R	GS	IUAT	111.90 MHz	10 nm 19 km	174.97 164.20	3.00	4,227 ft 4,227 m
17	GS	IBNT	111.50 MHz	10 nm 19 km	179.99 169.22	3.00	4,227 ft 4,227 m
34L	GS	IUUH	111.90 MHz	10 nm 19 km	354.97 344.20	3.00	4,227 ft 4,227 m
34R	GS	ISLC	109.50 MHz	10 nm 19 km	354.98 344.21	3.00	4,227 ft 4,227 m
35	GS	IUTJ	111.50 MHz	10 nm 19 km	359.99 349.22	3.00	4,227 ft 4,227 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 230356Z 28017G31KT 10SM CLR 13/07 A2991 RMK A02 PK WND 27031/0305 SLP128 T01330072

## TAF

KSFO 230359Z 2304/2406 28018G24KT P6SM SKC FM230500 28014KT P6SM SKC FM232200 28018G28KT P6SM SKC FM240500 28014KT

## 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