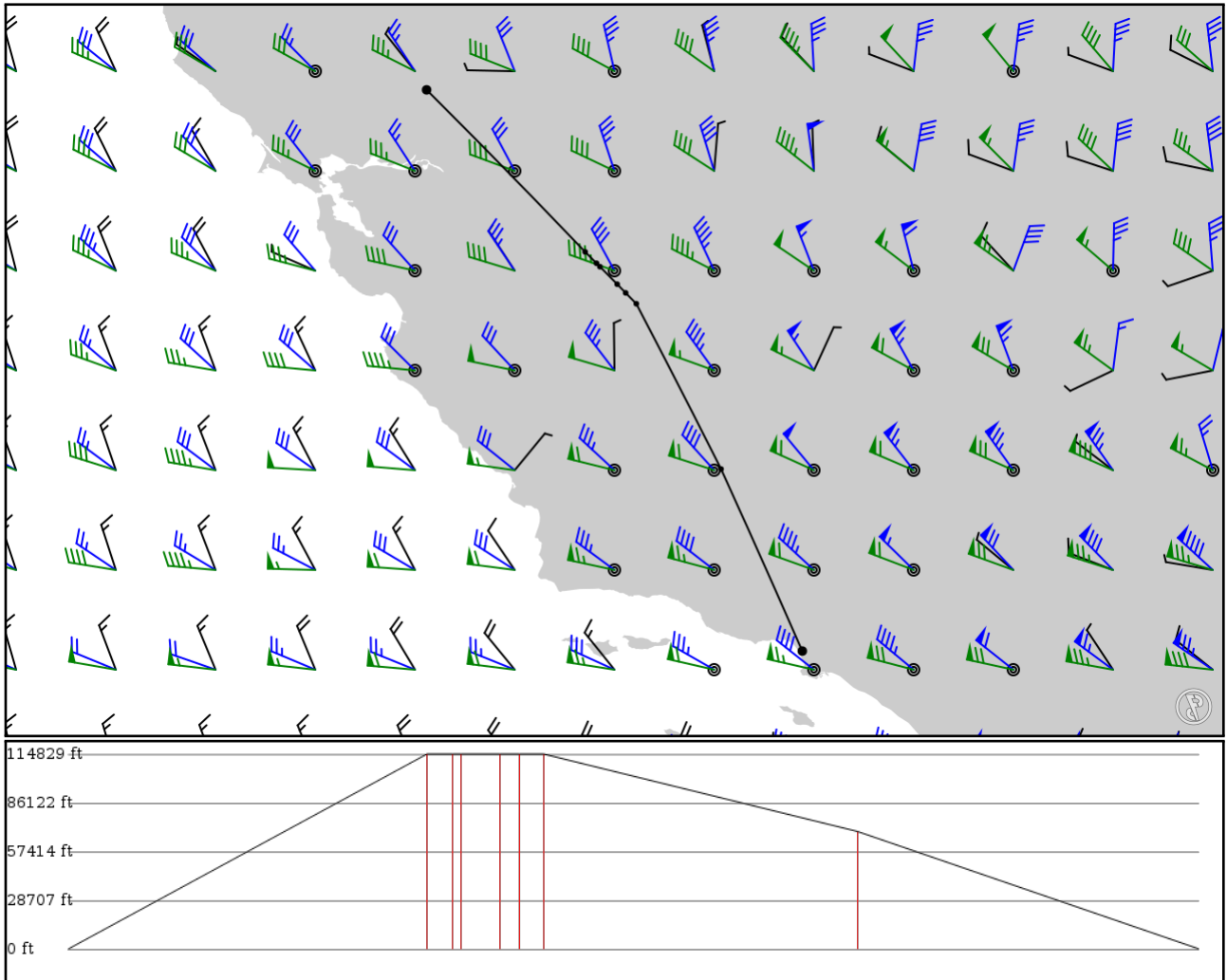


2024/06/15 0149Z

KSMF EBTUW **V23** CZQ **J65** EHF KLAX

327.20 nm / 605.97 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: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSMF APT	-	38.69540 -121.59100	0 ft 0 m	-	Sacramento Intl
EBTUW FIX	-	37.32310 -120.24800	35,000 ft 10,668 m	104	-
UYOKA FIX	V23 AWY-LO	37.22710 -120.15200	35,000 ft 10,668 m	7	-
LAPOW FIX	V23 AWY-LO	37.19790 -120.12300	35,000 ft 10,668 m	2	-
BEREN FIX	V23 AWY-LO	37.04980 -119.97700	35,000 ft 10,668 m	11	-
OXVEV FIX	V23 AWY-LO	36.97610 -119.90500	35,000 ft 10,668 m	5	-
CZQ VOR	V23 AWY-LO	36.88430 -119.81500	35,000 ft 10,668 m	7	CLOVIS (FRESNO)
EHF VOR	J65 AWY-HI	35.48460 -119.09700	21,100 ft 6,431 m	90	SHAFTER (BAKERSFIELD)
KLAX APT	-	33.94310 -118.40900	0 ft 0 m	98	Los Angeles Intl

## KSMF

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

Elevation: 27 ft / 8 m  
Location: 38.695400 -121.591000  
Magnetic Var: 12.920 E

## METAR

KSMF 150053Z 18012KT 10SM FEW250 33/10 A2986 RMK A02 SLP112 T03330100

## TAF

TAF KSMF 142320Z 1500/1524 19014KT P6SM SKC FM150600 16010KT P6SM FEW250 FM151600 33008KT P6SM SCT250

## 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	167.84		0 m	79 m
35R	151 ft	8,617 ft	0.76	CONCRETE	0 ft	256 ft
	46 m	2,627 m	347.84		0 m	78 m
17R	151 ft	8,613 ft	180.75	CONCRETE	0 ft	154 ft
	46 m	2,625 m	167.83		0 m	47 m
35L	151 ft	8,613 ft	0.75	CONCRETE	0 ft	154 ft
	46 m	2,625 m	347.83		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	167.84		27 m
17R	LOC-ILS	ISMF	111.10 MHz	18 nm	180.75	-	27 ft
				33 km	167.83		27 m
35L	LOC-ILS	IHUX	111.10 MHz	18 nm	0.76	-	27 ft
				33 km	347.84		27 m
17L	GS	IMDK	111.75 MHz	10 nm	180.76	3.00	27 ft
				19 km	167.84		27 m
17R	GS	ISMF	111.10 MHz	10 nm	180.75	3.00	27 ft
				19 km	167.83		27 m
35L	GS	IHUX	111.10 MHz	10 nm	0.75	3.00	27 ft
				19 km	347.83		27 m

## KLAX

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

Elevation: 125 ft / 38 m  
Location: 33.943100 -118.409000  
Magnetic Var: 11.432 E

## METAR

KLAX 150053Z 26011KT 10SM FEW018 18/14 A2987 RMK AO2 SLP114 T01830139

## TAF

TAF KLAX 142338Z 1500/1606 26012KT P6SM FEW012 FM150400 VRB03KT P6SM FEW010 FM150900 VRB03KT 5SM BR OVC006 FM151100

## Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.52		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.54		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.52		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.54		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.51		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.53		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.52		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.53		0 m	87 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.54	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.54	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.55	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.54	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.54	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.54	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.54	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.55	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.54	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.54	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.55	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.54	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.54	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.54	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.54	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.55	3.00	125 ft 125 m