

# KLAX

Los Angeles Intl

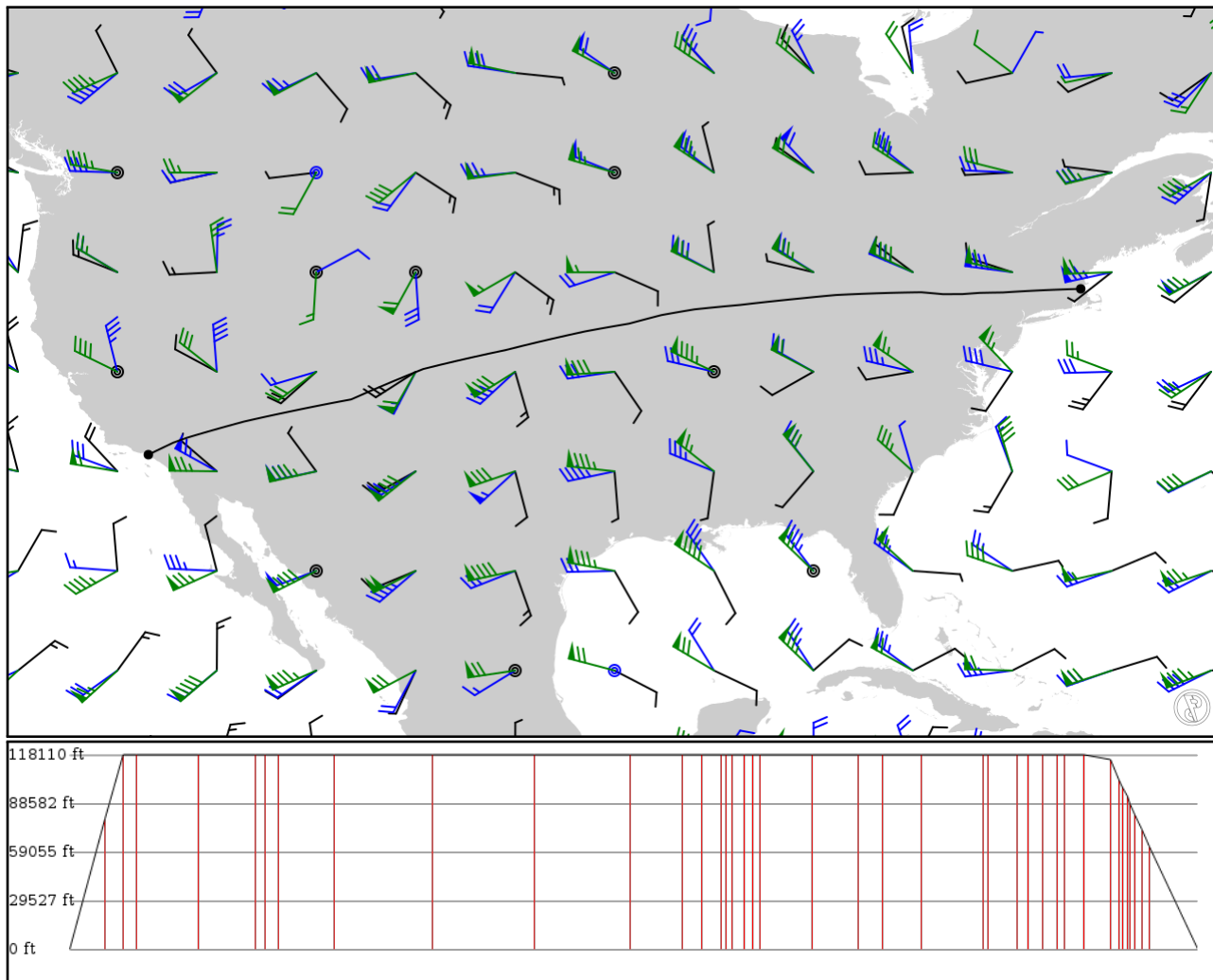
# KBOS

General Edward Lawrence Logan Intl

2024/05/19 0649Z

KLAX APLES **V442** HEC **J64** PGS **J128** TBC **J64** LMN **V216** OTM **V434** MZV **J18** JOT **J146** GIJ **J554** JHW **V270**  
STELA KBOS

2273.10 nm / 4209.79 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- Cruise Speed: 450kts
- 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
KLAX	-	33.94310	0 ft	-	Los Angeles Intl
APT	-	-118.40900	0 m		
APLES	-	34.54850	24,100 ft	72	-
FIX	-	-117.14900	7,346 m		
HEC	V442	34.79700	36,000 ft	37	HECTOR
VOR	AWY-LO	-116.46300	10,973 m		
GLACO	J64	34.94450	36,000 ft	25	-
FIX	AWY-HI	-115.96800	10,973 m		
PGS	J64	35.62470	36,000 ft	125	PEACH SPRINGS
VOR	AWY-HI	-113.54400	10,973 m		
TBC	J128	36.12130	36,000 ft	114	TUBA CITY
VOR	AWY-HI	-111.27000	10,973 m		
RHYSS	J64	36.20530	36,000 ft	19	-
FIX	AWY-HI	-110.87100	10,973 m		
COCAN	J64	36.31250	36,000 ft	25	-
FIX	AWY-HI	-110.35200	10,973 m		
RSK	J64	36.74840	36,000 ft	111	RATTLESNAKE (FARMINGTON)
VOR	AWY-HI	-108.09900	10,973 m		
PUB	J64	38.29430	36,000 ft	197	PUEBLO
VOR	AWY-HI	-104.42900	10,973 m		
HLC	J64	39.25870	36,000 ft	205	HILL CITY
VOR	AWY-HI	-100.22600	10,973 m		
PWE	J64	40.20040	36,000 ft	194	PAWNEE CITY
VOR	AWY-HI	-96.20630	10,973 m		
LMN	J64	40.59670	36,000 ft	105	LAMONI
VOR	AWY-HI	-93.96760	10,973 m		
OHGEE	V216	40.81830	36,000 ft	39	-
FIX	AWY-LO	-93.14000	10,973 m		
OTM	V216	41.02910	36,000 ft	39	OTTUMWA
VOR	AWY-LO	-92.32590	10,973 m		
VOYUG	V434	41.06180	36,000 ft	8	-
FIX	AWY-LO	-92.14450	10,973 m		
ACKLY	V434	41.10940	36,000 ft	12	-
FIX	AWY-LO	-91.87720	10,973 m		
WAPEL	V434	41.20330	36,000 ft	25	-
FIX	AWY-LO	-91.33810	10,973 m		
POCIN	V434	41.26540	36,000 ft	16	-
FIX	AWY-LO	-90.97170	10,973 m		
MZV	V434	41.32090	36,000 ft	15	MOLINE
VOR	AWY-LO	-90.63820	10,973 m		
JOT	J18	41.54640	36,000 ft	105	JOLIET
VOR	AWY-HI	-88.31840	10,973 m		
GIJ	J146	41.76860	36,000 ft	90	GIPPER (NILES)
VOR	AWY-HI	-86.31850	10,973 m		
BENJO	J554	41.87980	36,000 ft	50	-
FIX	AWY-HI	-85.20910	10,973 m		
CRL	J554	42.04800	36,000 ft	78	CARLETON
VOR	AWY-HI	-83.45760	10,973 m		
COHOW	J554	42.15660	36,000 ft	123	-
FIX	AWY-HI	-80.69410	10,973 m		
SURLY	J554	42.16310	36,000 ft	11	-
FIX	AWY-HI	-80.44630	10,973 m		
JHW	J554	42.18860	36,000 ft	58	JAMESTOWN

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-79.12130	10,973 m		
VAIRS	V270	42.14650	36,000 ft	22	-
FIX	AWY-LO	-78.62770	10,973 m		
ELZ	V270	42.08960	36,000 ft	28	WELLSVILLE
VOR	AWY-LO	-77.99960	10,973 m		
WOMAN	V270	42.09360	36,000 ft	28	-
FIX	AWY-LO	-77.35420	10,973 m		
ULW	V270	42.09420	36,000 ft	14	ELMIRA
VOR	AWY-LO	-77.02480	10,973 m		
CFB	V270	42.15750	36,000 ft	39	BINGHAMTON
VOR	AWY-LO	-76.13650	10,973 m		
DNY	V270	42.17830	35,100 ft	52	DE LANCEY
VOR	AWY-LO	-74.95690	10,698 m		
PETER	V270	42.20530	31,300 ft	19	-
FIX	AWY-LO	-74.53060	9,540 m		
TUSON	V270	42.21460	29,900 ft	6	-
FIX	AWY-LO	-74.37600	9,114 m		
AGNEZ	V270	42.22580	28,300 ft	8	-
FIX	AWY-LO	-74.18850	8,626 m		
ACOVE	V270	42.23480	26,900 ft	6	-
FIX	AWY-LO	-74.03180	8,199 m		
ATHOS	V270	42.24710	24,900 ft	9	-
FIX	AWY-LO	-73.81210	7,590 m		
HIDAL	V270	42.26390	22,100 ft	13	-
FIX	AWY-LO	-73.49820	6,736 m		
STELA	V270	42.28140	19,000 ft	15	-
FIX	AWY-LO	-73.15390	5,791 m		
KBOS	-	42.36300	0 ft	95	General Edward Lawrence Logan Intl
APT	-	-71.00680	0 m		

## KLAX

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

Elevation: 125 ft / 38 m  
Location: 33.943100 -118.409000  
Magnetic Var: 11.439 E

## METAR

KLAX 190553Z 24008KT 10SM BKN016 15/12 A3004 RMK AO2 SLP171 T01500117 10167 20144 51012 \$

## TAF

KLAX 190540Z 1906/2012 27008KT P6SM OVC015 FM191500 25006KT P6SM OVC025 FM192100 26012KT P6SM SCT025 BKN035 FM2000

## 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	71.51		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	71.51		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 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m

## KBOS

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 6

Elevation: 19 ft / 6 m  
Location: 42.363000 -71.006800  
Magnetic Var: 14.285 W

## METAR

KBOS 190632Z 04010KT 3SM -RA BR BKN006 OVC010 12/12 A2999 RMK A02 P0002 T01220117

## TAF

TAF KBOS 190520Z 1906/2012 04009KT 6SM -SHRA BR OVC008 FM190700 03009KT 4SM BR VCSH OVC003 FM190900 04010G17KT 3SM

## Frequencies

REC - 135.00 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 121.65 MHz - CLEARANCE DELIVERY	GND - 121.75 MHz - BOSTON GROUND
GND - 121.90 MHz - BOSTON GROUND	TWR - 128.80 MHz - BOSTON TOWER
TWR - 124.72 MHz - BOSTON TOWER	TWR - 132.22 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH	APP - 120.60 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH	DEP - 133.00 MHz - BOSTON DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.56		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.57		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.95		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.80		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.81		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.05		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.06		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.60		0 m	18 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.97	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.57	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.97	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.81	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.57	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.97	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.57	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.97	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.81	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.57	3.00	20 ft 20 m