

KLAX

Los Angeles Intl

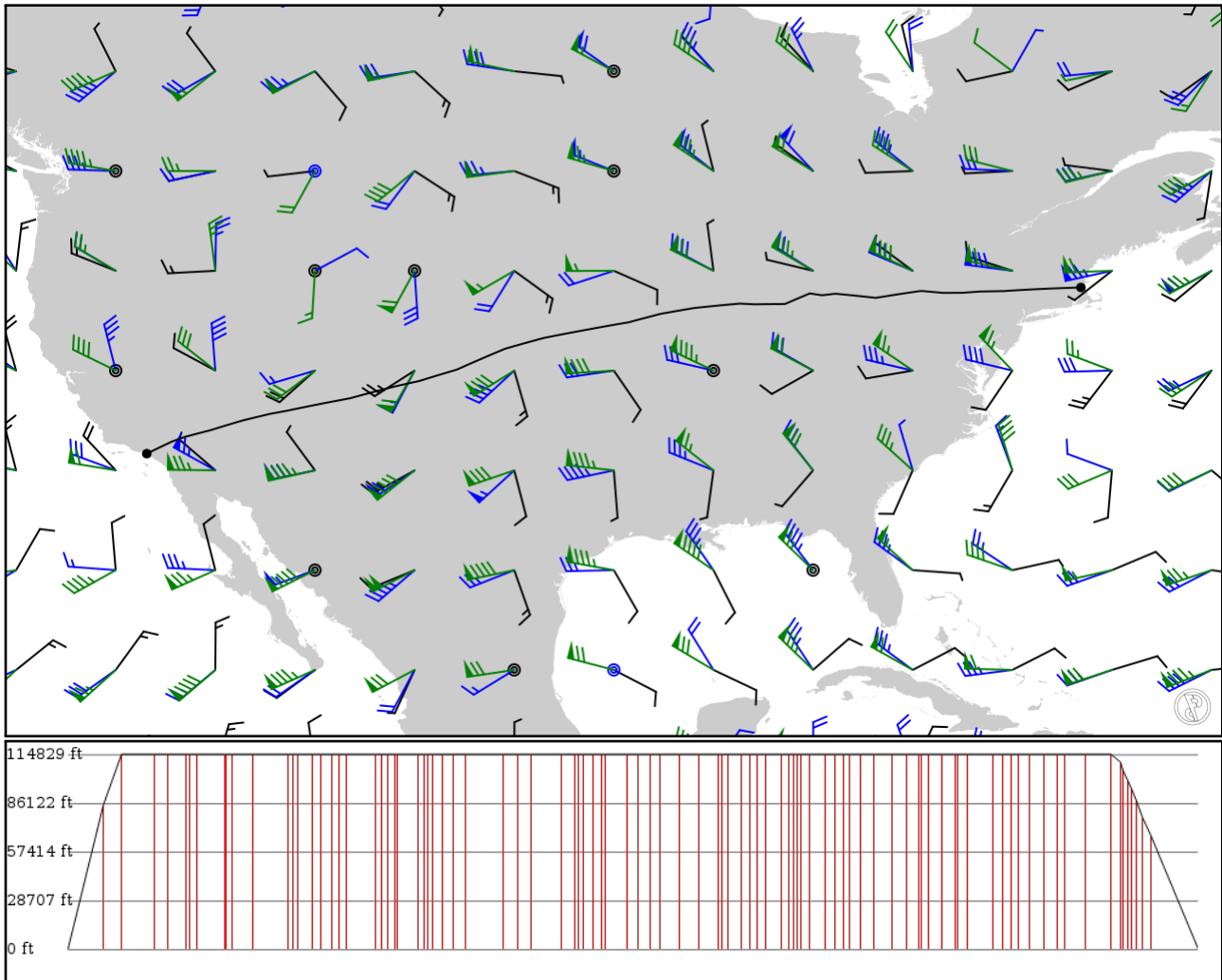
KBOS

General Edward Lawrence Logan Intl

2024/05/19 0350Z

KLAX APLES **V442** HEC **V210** PGS **V208** GCN **V210** LAA **V216** OTM **V434** MZV **V38** TRIDE **V8** HALIE **V126** GSH **V233**
LFD **V10** FAILS **V522** ERI **V270** STELA KBOS

2285.55 nm / 4232.83 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: no

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	25,800 ft	72	-
FIX	-	-117.14900	7,864 m		
HEC	V442	34.79700	35,000 ft	37	HECTOR
VOR	AWY-LO	-116.46300	10,668 m		
GFS	V210	35.13110	35,000 ft	66	GOFFS
VOR	AWY-LO	-115.17600	10,668 m		
UNPAS	V210	35.29630	35,000 ft	28	-
FIX	AWY-LO	-114.64100	10,668 m		
PRFUM	V210	35.50680	35,000 ft	36	-
FIX	AWY-LO	-113.94300	10,668 m		
DOMMS	V210	35.53850	35,000 ft	5	-
FIX	AWY-LO	-113.83600	10,668 m		
PGS	V210	35.62470	35,000 ft	15	PEACH SPRINGS
VOR	AWY-LO	-113.54400	10,668 m		
GUCRU	V208	35.89390	35,000 ft	56	-
FIX	AWY-LO	-112.42900	10,668 m		
AMERE	V208	35.90490	35,000 ft	2	-
FIX	AWY-LO	-112.38300	10,668 m		
GCN	V208	35.96030	35,000 ft	11	GRAND CANYON
VOR	AWY-LO	-112.14600	10,668 m		
TBC	V210	36.12130	35,000 ft	43	TUBA CITY
VOR	AWY-LO	-111.27000	10,668 m		
YIKLO	V210	36.40950	35,000 ft	69	-
FIX	AWY-LO	-109.87100	10,668 m		
ROUGH	V210	36.44650	35,000 ft	9	-
FIX	AWY-LO	-109.68500	10,668 m		
WUDIR	V210	36.48500	35,000 ft	9	-
FIX	AWY-LO	-109.49000	10,668 m		
ZENFO	V210	36.60340	35,000 ft	30	-
FIX	AWY-LO	-108.87600	10,668 m		
FULLY	V210	36.66610	35,000 ft	16	-
FIX	AWY-LO	-108.54300	10,668 m		
RSK	V210	36.74840	35,000 ft	21	RATTLESNAKE (FARMINGTON)
VOR	AWY-LO	-108.09900	10,668 m		
PELDY	V210	36.83880	35,000 ft	16	-
FIX	AWY-LO	-107.76800	10,668 m		
RESER	V210	36.91370	35,000 ft	14	-
FIX	AWY-LO	-107.49100	10,668 m		
GEMKY	V210	37.22330	35,000 ft	59	-
FIX	AWY-LO	-106.31100	10,668 m		
MRKKO	V210	37.28100	35,000 ft	11	-
FIX	AWY-LO	-106.08500	10,668 m		
ALS	V210	37.34920	35,000 ft	13	ALAMOSA
VOR	AWY-LO	-105.81600	10,668 m		
BLOKE	V210	37.41700	35,000 ft	14	-
FIX	AWY-LO	-105.51700	10,668 m		
ACHES	V210	37.43590	35,000 ft	4	-
FIX	AWY-LO	-105.43400	10,668 m		
GOSIP	V210	37.62070	35,000 ft	41	-
FIX	AWY-LO	-104.59700	10,668 m		
RADIO	V210	37.68950	35,000 ft	11	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-104.37600	10,668 m		
JUKEX	V210	37.74330	35,000 ft	8	-
FIX	AWY-LO	-104.20200	10,668 m		
BLOOM	V210	37.79690	35,000 ft	8	-
FIX	AWY-LO	-104.02800	10,668 m		
KINGO	V210	37.92410	35,000 ft	21	-
FIX	AWY-LO	-103.60900	10,668 m		
TEKAE	V210	38.04860	35,000 ft	21	-
FIX	AWY-LO	-103.19300	10,668 m		
LAA	V210	38.19710	35,000 ft	25	LAMAR
VOR	AWY-LO	-102.68800	10,668 m		
WILVA	V216	38.80450	35,000 ft	74	-
FIX	AWY-LO	-101.30300	10,668 m		
ORION	V216	39.04820	35,000 ft	30	-
FIX	AWY-LO	-100.73000	10,668 m		
HLC	V216	39.25870	35,000 ft	26	HILL CITY
VOR	AWY-LO	-100.22600	10,668 m		
RISHO	V216	39.61260	35,000 ft	61	-
FIX	AWY-LO	-98.97300	10,668 m		
KOTZA	V216	39.75700	35,000 ft	25	-
FIX	AWY-LO	-98.44380	10,668 m		
TKO	V216	39.80640	35,000 ft	8	MANKATO
VOR	AWY-LO	-98.26000	10,668 m		
KOPSY	V216	39.84420	35,000 ft	8	-
FIX	AWY-LO	-98.07160	10,668 m		
FAZED	V216	39.92410	35,000 ft	19	-
FIX	AWY-LO	-97.66830	10,668 m		
OYITO	V216	39.99940	35,000 ft	18	-
FIX	AWY-LO	-97.28100	10,668 m		
STEEL	V216	40.02550	35,000 ft	6	-
FIX	AWY-LO	-97.14400	10,668 m		
PWE	V216	40.20040	35,000 ft	44	PAWNEE CITY
VOR	AWY-LO	-96.20630	10,668 m		
COVUT	V216	40.28430	35,000 ft	21	-
FIX	AWY-LO	-95.75420	10,668 m		
TRIG	V216	40.38340	35,000 ft	25	-
FIX	AWY-LO	-95.20580	10,668 m		
KARMA	V216	40.45410	35,000 ft	18	-
FIX	AWY-LO	-94.80520	10,668 m		
LMN	V216	40.59670	35,000 ft	39	LAMONI
VOR	AWY-LO	-93.96760	10,668 m		
OHGEE	V216	40.81830	35,000 ft	39	-
FIX	AWY-LO	-93.14000	10,668 m		
OTM	V216	41.02910	35,000 ft	39	OTTUMWA
VOR	AWY-LO	-92.32590	10,668 m		
VOYUG	V434	41.06180	35,000 ft	8	-
FIX	AWY-LO	-92.14450	10,668 m		
ACKLY	V434	41.10940	35,000 ft	12	-
FIX	AWY-LO	-91.87720	10,668 m		
WAPEL	V434	41.20330	35,000 ft	25	-
FIX	AWY-LO	-91.33810	10,668 m		
POCIN	V434	41.26540	35,000 ft	16	-
FIX	AWY-LO	-90.97170	10,668 m		
MZV	V434	41.32090	35,000 ft	15	MOLINE
VOR	AWY-LO	-90.63820	10,668 m		
GENSO	V38	41.36230	35,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-90.24810	10,668 m		
WYNET	V38	41.43120	35,000 ft	30	-
FIX	AWY-LO	-89.56660	10,668 m		
TRIDE	V38	41.46650	35,000 ft	16	-
FIX	AWY-LO	-89.19940	10,668 m		
URRBS	V8	41.48490	35,000 ft	8	-
FIX	AWY-LO	-89.00340	10,668 m		
AHMED	V8	41.49770	35,000 ft	6	-
FIX	AWY-LO	-88.86450	10,668 m		
BENKY	V8	41.51180	35,000 ft	7	-
FIX	AWY-LO	-88.70900	10,668 m		
JOT	V8	41.54640	35,000 ft	17	JOLIET
VOR	AWY-LO	-88.31840	10,668 m		
CGT	V8	41.51000	35,000 ft	33	CHICAGO HEIGHTS
VOR	AWY-LO	-87.57150	10,668 m		
HALIE	V8	41.51610	35,000 ft	18	-
FIX	AWY-LO	-87.15890	10,668 m		
INKEN	V126	41.52040	35,000 ft	17	-
FIX	AWY-LO	-86.77240	10,668 m		
NOMES	V126	41.52270	35,000 ft	12	-
FIX	AWY-LO	-86.50130	10,668 m		
GSH	V126	41.52520	35,000 ft	21	GOSHEN
VOR	AWY-LO	-86.02800	10,668 m		
SEWTO	V233	41.74780	35,000 ft	26	-
FIX	AWY-LO	-85.51130	10,668 m		
LFD	V233	42.06250	35,000 ft	38	LITCHFIELD
VOR	AWY-LO	-84.76510	10,668 m		
CRUXX	V10	41.97020	35,000 ft	28	-
FIX	AWY-LO	-84.14430	10,668 m		
JUSUL	V10	42.03330	35,000 ft	25	-
FIX	AWY-LO	-83.59030	10,668 m		
CRL	V10	42.04800	35,000 ft	5	CARLETON
VOR	AWY-LO	-83.45760	10,668 m		
MACCS	V10	42.01770	35,000 ft	14	-
FIX	AWY-LO	-83.14040	10,668 m		
SSUNN	V10	41.95920	35,000 ft	26	-
FIX	AWY-LO	-82.55130	10,668 m		
AZTRO	V10	41.89540	35,000 ft	27	-
FIX	AWY-LO	-81.94310	10,668 m		
GILLS	V10	41.88530	35,000 ft	4	-
FIX	AWY-LO	-81.85030	10,668 m		
FAILS	V10	41.83780	35,000 ft	19	-
FIX	AWY-LO	-81.42030	10,668 m		
ERI	V522	42.01740	35,000 ft	51	ERIE
VOR	AWY-LO	-80.29270	10,668 m		
WABOR	V270	42.08300	35,000 ft	19	-
FIX	AWY-LO	-79.85400	10,668 m		
HERMA	V270	42.13830	35,000 ft	17	-
FIX	AWY-LO	-79.47490	10,668 m		
JHW	V270	42.18860	35,000 ft	16	JAMESTOWN
VOR	AWY-LO	-79.12130	10,668 m		
VAIRS	V270	42.14650	35,000 ft	22	-
FIX	AWY-LO	-78.62770	10,668 m		
ELZ	V270	42.08960	35,000 ft	28	WELLSVILLE
VOR	AWY-LO	-77.99960	10,668 m		
WOMAN	V270	42.09360	35,000 ft	28	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-77.35420	10,668 m		
ULW	V270	42.09420	35,000 ft	14	ELMIRA
VOR	AWY-LO	-77.02480	10,668 m		
CFB	V270	42.15750	35,000 ft	39	BINGHAMTON
VOR	AWY-LO	-76.13650	10,668 m		
DNY	V270	42.17830	35,000 ft	52	DE LANCEY
VOR	AWY-LO	-74.95690	10,668 m		
PETER	V270	42.20530	33,600 ft	19	-
FIX	AWY-LO	-74.53060	10,241 m		
TUSON	V270	42.21460	32,100 ft	6	-
FIX	AWY-LO	-74.37600	9,784 m		
AGNEZ	V270	42.22580	30,300 ft	8	-
FIX	AWY-LO	-74.18850	9,235 m		
ACOVE	V270	42.23480	28,800 ft	6	-
FIX	AWY-LO	-74.03180	8,778 m		
ATHOS	V270	42.24710	26,700 ft	9	-
FIX	AWY-LO	-73.81210	8,138 m		
HIDAL	V270	42.26390	23,700 ft	13	-
FIX	AWY-LO	-73.49820	7,224 m		
STELA	V270	42.28140	20,400 ft	15	-
FIX	AWY-LO	-73.15390	6,218 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 190253Z 27010KT 10SM FEW010 SCT018 SCT030 14/12 A3001 RMK A02 SLP160 T01440122 53004 \$

TAF

KLAX 190258Z 1903/2006 26010KT P6SM SCT015 SCT030 FM190400 26008KT P6SM OVC015 FM191200 25007KT P6SM OVC025 FM192

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 190333Z 04011KT 2 1/2SM +RA BR BKN006 BKN010 OVC022 12/11 A3001 RMK AO2 P0018 T01170111

TAF

TAF AMD KBOS 190258Z 1903/2006 04012KT 3SM RA BR OVC008 FM190600 04010G17KT 3/4SM -DZ BR OVC003 FM191300 04010G17KT

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