

KLAX

Los Angeles Intl

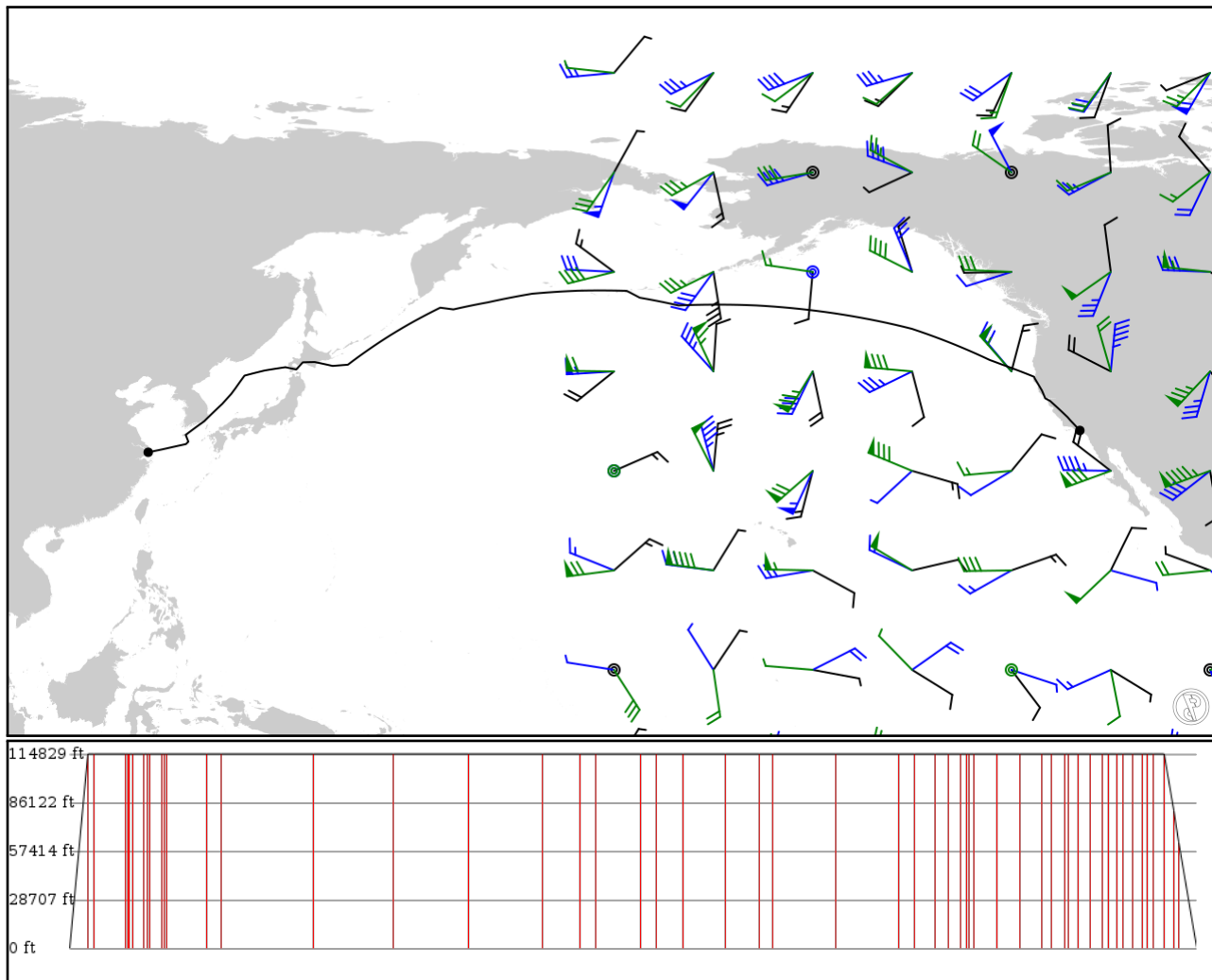
ZSPD

PUDONG

2024/05/20 0100Z

KLAX DERBB **V107** AVE **J1** OAK **V107** PYE **J143** ENI **V27** FOT **V494** FOYTE HOLOT 43N130W 2 50N170W
5100N17500W ADK **R451** OGDEN NIPPI **R220** NUBDA NOSLY **OTR1** OBE **V6** CHE **Y12** HWE **V9** ORE IGROD **G346** NULAR
B467 INTOS **A586** RUGMA ONIKU **A593** AKARA ZSPD

5912.42 nm / 10949.80 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
- Using PACOT tracks from 13/10/2017

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KLAX APT	-	33.94313 -118.40892	0 ft 0 m	-	Los Angeles Intl
DERBB FIX	-	35.25590 -119.64145	35,000 ft 10,668 m	99	-
AVE VOR	V107 AWY-LO	35.64697 -119.97861	35,000 ft 10,668 m	28	AVENAL VORTAC
OAK VOR	J1 AWY-HI	37.72592 -122.22358	35,000 ft 10,668 m	165	OAKLAND VORTAC
COMMO FIX	V107 AWY-LO	37.87422 -122.49204	35,000 ft 10,668 m	15	-
MICRA FIX	V107 AWY-LO	37.95736 -122.64353	35,000 ft 10,668 m	8	-
PYE DME	V107 AWY-LO	38.07976 -122.86783	35,000 ft 10,668 m	12	POINT REYES VORTAC
ENI VOR	J143 AWY-HI	39.05322 -123.27433	35,000 ft 10,668 m	61	MENDOCINO VORTAC
MERRI FIX	V27 AWY-LO	39.29646 -123.41539	35,000 ft 10,668 m	16	-
FLUEN FIX	V27 AWY-LO	39.54662 -123.56174	35,000 ft 10,668 m	16	-
OLRIO FIX	V27 AWY-LO	40.51994 -124.14256	35,000 ft 10,668 m	64	-
FOT VOR	V27 AWY-LO	40.67128 -124.23453	35,000 ft 10,668 m	10	FORTUNA VORTAC
FOYTE FIX	V494 AWY-LO	40.84019 -124.29413	35,000 ft 10,668 m	10	-
HOLOT FIX	-	42.45083 -128.51944	35,000 ft 10,668 m	212	-
43N130W LATLON	-	43.00000 -130.00000	35,000 ft 10,668 m	73	-
47N140W LATLON	2 PACOT	47.00000 -140.00000	35,000 ft 10,668 m	487	-
49N150W LATLON	2 PACOT	49.00000 -150.00000	35,000 ft 10,668 m	419	-
50N160W LATLON	2 PACOT	50.00000 -160.00000	35,000 ft 10,668 m	394	-
50N170W LATLON	2 PACOT	50.00000 -170.00000	35,000 ft 10,668 m	385	-
5100N17500W LATLON	-	51.00000 -175.00000	35,000 ft 10,668 m	200	-
ADK NDB	-	51.87189 -176.67600	35,000 ft 10,668 m	81	MOUNT MOFFETT NDB
CHIKI FIX	R451 AWY-HI	51.88828 177.10253	35,000 ft 10,668 m	230	-
WALLT FIX	R451 AWY-HI	51.78131 174.88250	35,000 ft 10,668 m	82	-
AAMYY FIX	R451 AWY-HI	51.50522 171.15325	35,000 ft 10,668 m	139	-
POWAL FIX	R451 AWY-HI	50.40572 165.51350	35,000 ft 10,668 m	223	-
OGDEN FIX	R451 AWY-HI	49.48692 161.03764	35,000 ft 10,668 m	181	-
NIPPI	-	49.71067	35,000 ft	67	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	159.34675	10,668 m		
NOGAL	R220	46.21667	35,000 ft	330	-
FIX	AWY-LO	153.00333	10,668 m		
NUBDA	R220	42.39106	35,000 ft	330	-
FIX	AWY-LO	147.47575	10,668 m		
NOSLY	-	42.23433	35,000 ft	87	-
FIX	-	145.51510	10,668 m		
OBE	OTR1	42.73396	35,000 ft	105	OBIHIRO VOR-DME
VOR	AWY-LO	143.22045	10,668 m		
CHE	V6	42.69990	35,000 ft	67	CHITOSE VOR-DME
VOR	AWY-LO	141.68617	10,668 m		
HWE	Y12	41.77403	35,000 ft	67	HAKODATE VOR-DME
VOR	AWY-LO	140.83222	10,668 m		
ESASI	V9	41.91341	35,000 ft	29	-
FIX	AWY-LO	140.19012	10,668 m		
MAIKA	V9	41.95547	35,000 ft	9	-
FIX	AWY-LO	139.98248	10,668 m		
ORE	V9	42.07030	35,000 ft	25	OKUSHIRI VOR-DME
VOR	AWY-LO	139.44340	10,668 m		
IGROD	-	41.65000	35,000 ft	121	-
FIX	-	136.78333	10,668 m		
NULAR	G346	40.98667	35,000 ft	123	-
FIX	AWY-LO	134.18333	10,668 m		
TONIN	B467	39.33333	35,000 ft	113	-
FIX	AWY-LO	133.00000	10,668 m		
KANSU	B467	38.63333	35,000 ft	48	-
FIX	AWY-LO	132.47500	10,668 m		
TENAS	B467	37.63944	35,000 ft	73	-
FIX	AWY-LO	131.57500	10,668 m		
INTOS	B467	37.36667	35,000 ft	20	-
FIX	AWY-LO	131.33333	10,668 m		
AGSUS	A586	36.76333	35,000 ft	47	-
FIX	AWY-LO	130.69056	10,668 m		
BULGA	A586	35.93861	35,000 ft	64	-
FIX	AWY-LO	129.82694	10,668 m		
PSN	A586	35.12339	35,000 ft	63	BUSAN VORTAC
VOR	AWY-LO	128.99969	10,668 m		
TOPAX	A586	34.76583	35,000 ft	32	-
FIX	AWY-LO	128.49778	10,668 m		
GOSBO	A586	34.25333	35,000 ft	46	-
FIX	AWY-LO	127.79056	10,668 m		
MAKET	A586	33.91472	35,000 ft	30	-
FIX	AWY-LO	127.33139	10,668 m		
CJU	A586	33.38472	35,000 ft	47	JEJU VORTAC
VOR	AWY-LO	126.62417	10,668 m		
RUGMA	A586	32.50333	35,000 ft	55	-
FIX	AWY-LO	126.96472	10,668 m		
ONIKU	-	32.19500	35,000 ft	24	-
FIX	-	126.65472	10,668 m		
NIRAT	A593	32.06500	35,000 ft	31	-
FIX	AWY-LO	126.05806	10,668 m		
SADLI	A593	31.83333	35,000 ft	55	-
FIX	AWY-LO	124.99833	10,668 m		
LAMEN	A593	31.61000	24,800 ft	52	-
FIX	AWY-LO	124.00000	7,559 m		
AKARA	A593	31.50000	19,100 ft	26	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	123.50000	5,822 m		
ZSPD	-	31.14343	0 ft	89	PUDONG
APT	-	121.80509	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 192353Z 28013G19KT 10SM SCT016 17/12 A3002 RMK A02 SLP163 T01720117 10194 20167 56015 \$

TAF

KLAX 192340Z 2000/2106 26014KT P6SM FEW020 SCT030 TEMPO 2000/2002 BKN030 FM200200 26006KT P6SM OVC020 FM201200 14

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

ZSPD

Region: CHINA
Timezone: ASIA/SHANGHAI
Runways: 5

Elevation: 13 ft / 4 m
Location: 31.141500 121.813000
Magnetic Var: 6.480 W

METAR

ZSPD 200030Z 13006MPS 9999 BKN009 22/20 Q1014 NOSIG

TAF

TAF ZSPD 192105Z 2000/2024 12004MPS 8000 BKN015 TX26/2006Z TN19/2021Z

Frequencies

REC - 131.45 MHz - ATIS	REC - 127.85 MHz - ATIS
TWR - 118.40 MHz - PUDONG TOWER	TWR - 118.57 MHz - PUDONG TOWER
TWR - 118.80 MHz - PUDONG TOWER	TWR - 124.35 MHz - PUDONG TOWER
TWR - 118.72 MHz - PUDONG SECONDARY TOWER	TWR - 118.32 MHz - PUDONG SECONDARY TOWER
GND - 121.62 MHz - PUDONG GROUND	GND - 121.80 MHz - PUDONG GROUND
GND - 121.87 MHz - PUDONG GROUND	GND - 121.70 MHz - PUDONG GROUND
GND - 122.70 MHz - PUDONG APRON RAMP/TAXI	GND - 122.60 MHz - PUDONG APRON RAMP/TAXI
GND - 122.65 MHz - PUDONG APRON RAMP/TAXI	GND - 122.97 MHz - PUDONG APRON RAMP/TAXI
CLD - 121.95 MHz - PUDONG CLEARANCE DELIVERY	CLD - 121.67 MHz -
APP - 121.10 MHz - SHANGHAI APPROACH	PUDONG SECONDARY CLEARANCE DELIVERY
APP - 120.30 MHz - SHANGHAI APPROACH	APP - 125.40 MHz - SHANGHAI APPROACH
APP - 125.85 MHz - SHANGHAI APPROACH	APP - 125.62 MHz - SHANGHAI APPROACH
APP - 126.65 MHz - SHANGHAI APPROACH	APP - 126.30 MHz - SHANGHAI APPROACH
APP - 121.37 MHz - SHANGHAI APPROACH	APP - 123.80 MHz - SHANGHAI APPROACH
APP - 120.65 MHz - SHANGHAI SECONDARY APPROACH	APP - 119.75 MHz - SHANGHAI SECONDARY APPROACH
APP - 124.05 MHz - SHANGHAI SECONDARY APPROACH	APP - 128.05 MHz - SHANGHAI SECONDARY APPROACH
	APP - 119.20 MHz - SHANGHAI SECONDARY APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	144 ft	11,192 ft	162.14	CONCRETE	0 ft	197 ft
	44 m	3,411 m	168.62		0 m	60 m
33	144 ft	11,192 ft	342.15	CONCRETE	0 ft	194 ft
	44 m	3,411 m	348.63		0 m	59 m
16L	197 ft	12,505 ft	162.10	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.58		0 m	0 m
34R	197 ft	12,505 ft	342.11	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.59		0 m	0 m
16R	197 ft	12,505 ft	162.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.57		0 m	0 m
34L	197 ft	12,505 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.57		0 m	0 m
17L	197 ft	13,155 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	168.56		0 m	0 m
35R	197 ft	13,155 ft	342.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	348.57		0 m	0 m
17R	197 ft	11,183 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	3,409 m	168.56		0 m	0 m
35L	197 ft	11,183 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,409 m	348.57		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16R	DME	IZZ	108.70 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
17L	DME	IPD	110.70 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
34L	DME	IDD	108.30 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
16L	LOC-ILS	IHL	111.50 MHz	18 nm	162.11	-	13 ft
				33 km	168.59		13 m
16R	LOC-ILS	IZZ	108.70 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
17L	LOC-ILS	IPD	110.70 MHz	18 nm	162.08	-	13 ft
				33 km	168.56		13 m
17R	LOC-ILS	IKM	111.10 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
34L	LOC-ILS	IDD	108.30 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
34R	LOC-ILS	IPR	108.90 MHz	18 nm	342.11	-	13 ft
				33 km	348.59		13 m
35L	LOC-ILS	IBD	108.10 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
35R	LOC-ILS	INN	111.90 MHz	18 nm	342.08	-	13 ft
				33 km	348.56		13 m
16L	GS	IHL	111.50 MHz	10 nm	162.11	3.00	13 ft
				19 km	168.59		13 m
16R	GS	IZZ	108.70 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
17L	GS	IPD	110.70 MHz	10 nm	162.08	3.00	13 ft
				19 km	168.56		13 m
17R	GS	IKM	111.10 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
34L	GS	IDD	108.30 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
34R	GS	IPR	108.90 MHz	10 nm	342.11	3.00	13 ft
				19 km	348.59		13 m
35L	GS	IBD	108.10 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
35R	GS	INN	111.90 MHz	10 nm	342.08	3.00	13 ft
				19 km	348.56		13 m