

KLAX

Los Angeles Intl

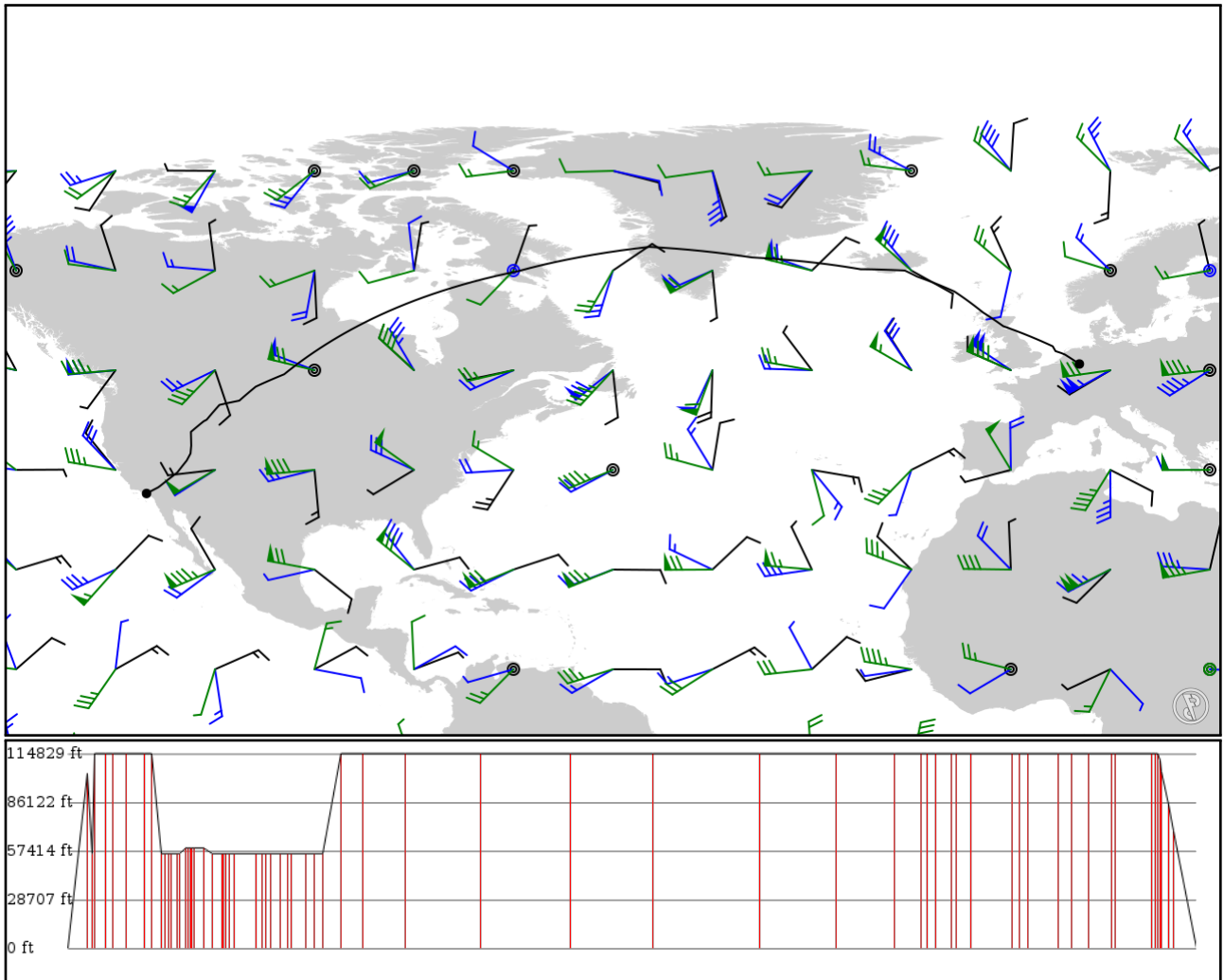
EDDL

Duesseldorf

2024/05/12 1007Z

KLAX BASAL **V394** DAG **J100** NORRA **J107** MLF **V21** DTA **V257** MLD **V465** JAC **V330** DNW **V465** BIL **V2** MLS **V465**
ISN **J549** YBR **N552C** YFB **5E72** KEF **G3** MIKLA ING 6300N01500W RATSU **UN610** FINDO **UM982** ROKAN **UP1** SUPUR
UL602 SPY EDDL

5070.05 nm / 9389.73 km



Notes

Basic altitude profile:

- Ascent Rate: 2200ft/min
- Ascent Speed: 270kts
- Cruise Altitude: 23500ft
- Cruise Speed: 370kts
- Descent Rate: 1800ft/min
- Descent Speed: 300kts

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 APT	-	33.94313 -118.40892	0 ft 0 m	-	Los Angeles Intl
BASAL FIX	-	34.75778 -116.86183	31,400 ft 9,571 m	90	-
DAG VOR	V394 AWY-LO	34.96244 -116.57817	17,000 ft 5,182 m	18	DAGGETT VORTAC
MISEN FIX	J100 AWY-HI	35.10235 -116.40385	35,000 ft 10,668 m	12	-
CLARR FIX	J100 AWY-HI	35.67568 -115.67975	35,000 ft 10,668 m	49	-
LAS DME	J100 AWY-HI	36.07970 -115.15979	35,000 ft 10,668 m	35	LAS VEGAS VORTAC
NORRA FIX	J100 AWY-HI	36.75931 -114.28109	35,000 ft 10,668 m	58	-
BERYL FIX	J107 AWY-HI	37.90005 -113.38572	35,000 ft 10,668 m	80	-
MLF VOR	J107 AWY-HI	38.36036 -113.01322	35,000 ft 10,668 m	32	MILFORD VORTAC
ZIBRA FIX	V21 AWY-LO	38.99513 -112.67275	17,000 ft 5,182 m	41	-
DTA VOR	V21 AWY-LO	39.30222 -112.50556	17,000 ft 5,182 m	20	DELTA VORTAC
WADOK FIX	V257 AWY-LO	39.55192 -112.48300	17,000 ft 5,182 m	15	-
LOLIC FIX	V257 AWY-LO	39.71832 -112.46789	17,000 ft 5,182 m	10	-
VERNE FIX	V257 AWY-LO	40.18814 -112.42481	17,000 ft 5,182 m	28	-
ENJAK FIX	V257 AWY-LO	40.35688 -112.40917	17,000 ft 5,182 m	10	-
STACO FIX	V257 AWY-LO	40.82220 -112.41960	18,000 ft 5,486 m	27	-
EMONT FIX	V257 AWY-LO	41.05056 -112.42468	18,000 ft 5,486 m	13	-
RIDEN FIX	V257 AWY-LO	41.14956 -112.42700	18,000 ft 5,486 m	5	-
MOINT FIX	V257 AWY-LO	41.25258 -112.42933	18,000 ft 5,486 m	6	-
KREBS FIX	V257 AWY-LO	41.48879 -112.43471	18,000 ft 5,486 m	14	-
MLD DME	V257 AWY-LO	42.19990 -112.45124	18,000 ft 5,486 m	42	MALAD CITY VOR-DME
LUNDI FIX	V465 AWY-LO	42.69112 -111.86924	17,000 ft 5,182 m	39	-
GIGSE FIX	V465 AWY-LO	43.22657 -111.22022	17,000 ft 5,182 m	42	-
CILEG FIX	V465 AWY-LO	43.27654 -111.15882	17,000 ft 5,182 m	4	-
ELKHO FIX	V465 AWY-LO	43.38618 -111.02361	17,000 ft 5,182 m	8	-
ECUNA FIX	V465 AWY-LO	43.42332 -110.97767	17,000 ft 5,182 m	2	-
JAC	V465	43.62103	17,000 ft	15	JACKSON VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-110.73169	5,182 m		
DNW	V330	43.82828	17,000 ft	21	DUNOIR VOR-DME
VOR	AWY-LO	-110.33547	5,182 m		
REDLO	V465	45.24336	17,000 ft	99	-
FIX	AWY-LO	-109.12730	5,182 m		
LAREI	V465	45.59689	17,000 ft	24	-
FIX	AWY-LO	-108.81434	5,182 m		
BIL	V465	45.80856	17,000 ft	14	BILLINGS VORTAC
VOR	AWY-LO	-108.62464	5,182 m		
NIBBE	V2	45.93664	17,000 ft	24	-
FIX	AWY-LO	-108.05722	5,182 m		
CONUK	V2	46.15373	17,000 ft	43	-
FIX	AWY-LO	-107.05931	5,182 m		
ASHLI	V2	46.31673	17,000 ft	33	-
FIX	AWY-LO	-106.27683	5,182 m		
MLS	V2	46.38223	17,000 ft	13	MILES CITY VOR-DME
DME	AWY-LO	-105.95354	5,182 m		
SAYOR	V465	47.23286	17,000 ft	64	-
FIX	AWY-LO	-104.97758	5,182 m		
LAMBE	V465	47.76136	17,000 ft	40	-
FIX	AWY-LO	-104.35022	5,182 m		
ISN	V465	48.25342	17,000 ft	38	WILLISTON VORTAC
VOR	AWY-LO	-103.75067	5,182 m		
ISN80	J549	49.00157	35,000 ft	79	-
FIX	AWY-HI	-102.10129	10,668 m		
YBR	J549	49.90989	35,000 ft	100	BRANDON VOR-DME
VOR	AWY-HI	-99.94567	10,668 m		
KAIIN	N552C	52.34000	35,000 ft	190	-
FIX	AWY-HI	-96.71167	10,668 m		
KEGLU	N552C	56.40611	35,000 ft	338	-
FIX	AWY-HI	-90.00000	10,668 m		
DUGNO	N552C	60.66083	35,000 ft	403	-
FIX	AWY-HI	-80.00000	10,668 m		
YFB	N552C	63.74167	35,000 ft	371	FROBAY VOR
VOR	AWY-HI	-68.47333	10,668 m		
SF	5E72	66.96749	35,000 ft	477	SONDRE STROMFJORD NDB
NDB	AWY-HI	-50.94167	10,668 m		
DA	5E72	65.57056	35,000 ft	341	KULUSUK NDB
NDB	AWY-HI	-37.20694	10,668 m		
GIMLI	5E72	64.64000	35,000 ft	264	-
FIX	AWY-HI	-26.97833	10,668 m		
KEF	5E72	63.98681	35,000 ft	120	KEFLAVIK VORTAC
VOR	AWY-HI	-22.61450	10,668 m		
METIL	G3	63.97194	35,000 ft	28	-
FIX	AWY-HI	-21.52611	10,668 m		
SKARD	G3	63.94278	35,000 ft	34	-
FIX	AWY-HI	-20.20500	10,668 m		
MIKLA	G3	63.84833	35,000 ft	69	-
FIX	AWY-HI	-17.57417	10,668 m		
ING	-	63.80306	35,000 ft	24	INGO VOR-DME
VOR	-	-16.63806	10,668 m		
6300N01500W	-	63.00000	35,000 ft	65	-
LATLON	-	-15.00000	10,668 m		
RATSU	-	61.00000	35,000 ft	185	-
FIX	-	-10.00000	10,668 m		
BARKU	UN610	60.60500	35,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-9.41000	10,668 m		
BILLY	UN610	60.01972	35,000 ft	43	-
FIX	AWY-HI	-8.56889	10,668 m		
STN	UN610	58.20694	35,000 ft	131	STORNOWAY VOR-DME
VOR	AWY-HI	-6.18306	10,668 m		
RUGID	UN610	57.36917	35,000 ft	64	-
FIX	AWY-HI	-4.89861	10,668 m		
FINDO	UN610	56.36917	35,000 ft	76	-
FIX	AWY-HI	-3.46361	10,668 m		
ROBEM	UM982	55.45917	35,000 ft	98	-
FIX	AWY-HI	-1.02056	10,668 m		
ERLOT	UM982	55.28722	35,000 ft	18	-
FIX	AWY-HI	-0.58500	10,668 m		
ROKAN	UM982	53.66333	35,000 ft	163	-
FIX	AWY-HI	3.18889	10,668 m		
BINBO	UP1	53.40167	35,000 ft	16	-
FIX	AWY-HI	3.34139	10,668 m		
GODOS	UP1	53.24904	35,000 ft	9	-
FIX	AWY-HI	3.42966	10,668 m		
SUPUR	UP1	53.01522	33,800 ft	14	-
FIX	AWY-HI	3.56446	10,302 m		
AMGOD	UL602	52.97522	31,800 ft	4	-
FIX	AWY-HI	3.68539	9,693 m		
BERGI	UL602	52.74875	25,800 ft	27	-
FIX	AWY-HI	4.35893	7,864 m		
SPY	UL602	52.54028	21,100 ft	21	SPIJKERBOOR VOR-DME
VOR	AWY-HI	4.85378	6,431 m		
EDDL	-	51.28942	0 ft	103	Duesseldorf
APT	-	6.76664	0 m		

KLAX

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.441 E

METAR

KLAX 120853Z 10004KT 8SM SCT008 OVC013 15/12 A2995 RMK AO2 SLP141 T01500117 58006 \$

TAF

TAF AMD KLAX 120921Z 1209/1312 VRB03KT P6SM SCT008 OVC013 FM121700 22006KT P6SM OVC015 FM121900 26010KT P6SM BKN0

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	251.52		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

EDDL

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 145 ft / 44 m
Location: 51.289400 6.766620
Magnetic Var: 2.678 E

METAR

EDDL 120920Z AUTO VRB04KT CAVOK 23/13 Q1017 NOSIG

TAF

TAF EDDL 120500Z 1206/1312 07005KT CAVOK BECMG 1208/1211 12011KT BECMG 1218/1221 13006KT BECMG 1307/1310 16011KT

Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	50.00		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.03		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	50.00		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.02		296 m	283 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.01		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.02		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.02		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.01		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.01		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.02		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.02		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.01		145 m