

ESSA

Stockholm Arlanda

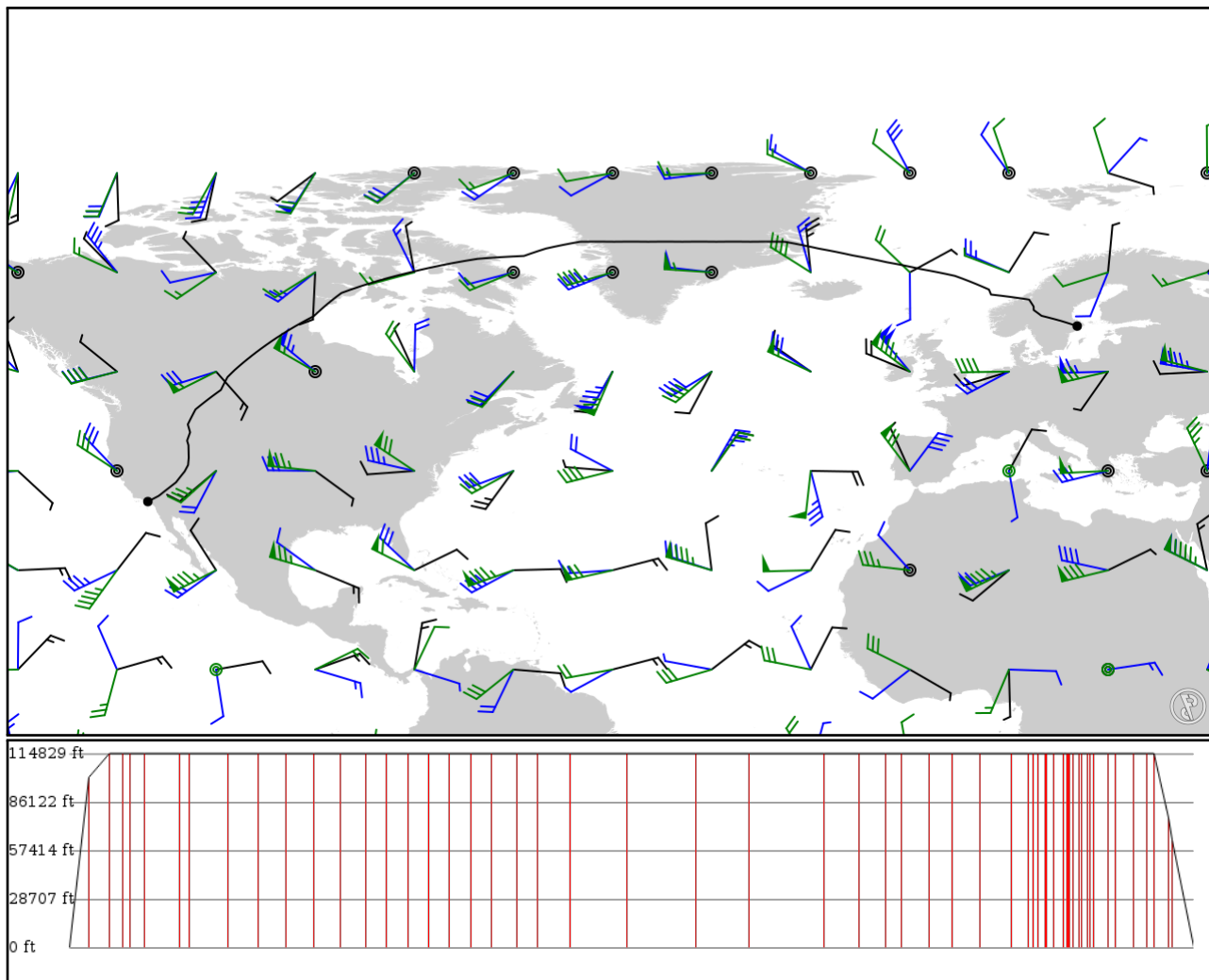
KLAX

Los Angeles Intl

2024/05/05 0948Z

ESSA BOR **P608** SUVAR TOMBO **L996** RBU **UL996** TRM **UP855** ABADA 6500N0500E 6700N0000E 6800N0500W
6900N01000W 7000N01500W 7100N02000W 7200N02500W 7200N03000W 7200N03500W 7200N04000W 7200N04500W
7200N05000W 7200N05500W 7100N06000W ADSAM **NCAA** N6930 **NCAL4** YEK **J540** YYL **J539** YPA **V303** YYN **J530**
GTF **J9** DLN **V21** DBS **V257** PIH **V21** MLD **V257** DTA MLF BERYL **J107** NORRA **J100** CLARR **V394** BASAL KLAX

4963.58 nm / 9192.55 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 240kts
- Cruise Altitude: 35000ft
- Cruise Speed: 525kts
- Descent Rate: 2000ft/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
ESSA	-	59.65014	0 ft	-	Stockholm Arlanda
APT	-	17.94363	0 m		
BOR	-	60.42150	30,700 ft	86	BORLANGE VOR-DME
VOR	-	15.51919	9,357 m		
SUVAR	P608	61.15657	35,000 ft	93	-
FIX	AWY-LO	12.70780	10,668 m		
TOMBO	-	62.00000	35,000 ft	60	-
FIX	-	11.56250	10,668 m		
RBU	L996	62.50608	35,000 ft	30	RAMBU NDB
NDB	AWY-LO	11.55689	10,668 m		
TRM	UL996	63.52587	35,000 ft	63	TRONDHEIM VOR-DME
VOR	AWY-HI	10.89007	10,668 m		
ABADA	UP855	64.26556	35,000 ft	154	-
FIX	AWY-HI	5.29806	10,668 m		
6500N0500E	-	65.00000	35,000 ft	44	-
LATLON	-	5.00000	10,668 m		
6700N0000E	-	67.00000	35,000 ft	171	-
LATLON	-	0.00000	10,668 m		
6800N0500W	-	68.00000	35,000 ft	129	-
LATLON	-	-5.00000	10,668 m		
6900N01000W	-	69.00000	35,000 ft	125	-
LATLON	-	-10.00000	10,668 m		
7000N01500W	-	70.00000	35,000 ft	121	-
LATLON	-	-15.00000	10,668 m		
7100N02000W	-	71.00000	35,000 ft	116	-
LATLON	-	-20.00000	10,668 m		
7200N02500W	-	72.00000	35,000 ft	112	-
LATLON	-	-25.00000	10,668 m		
7200N03000W	-	72.00000	35,000 ft	92	-
LATLON	-	-30.00000	10,668 m		
7200N03500W	-	72.00000	35,000 ft	92	-
LATLON	-	-35.00000	10,668 m		
7200N04000W	-	72.00000	35,000 ft	92	-
LATLON	-	-40.00000	10,668 m		
7200N04500W	-	72.00000	35,000 ft	92	-
LATLON	-	-45.00000	10,668 m		
7200N05000W	-	72.00000	35,000 ft	92	-
LATLON	-	-50.00000	10,668 m		
7200N05500W	-	72.00000	35,000 ft	92	-
LATLON	-	-55.00000	10,668 m		
7100N06000W	-	71.00000	35,000 ft	112	-
LATLON	-	-60.00000	10,668 m		
ADSAM	-	69.92111	35,000 ft	91	-
FIX	-	-63.22000	10,668 m		
N6930	NCAA	69.50000	35,000 ft	143	-
FIX	AWY-HI	-70.00000	10,668 m		
N6780	NCAL4	67.50000	35,000 ft	250	-
FIX	AWY-HI	-80.00000	10,668 m		
N6490	NCAL4	64.50000	35,000 ft	302	-
FIX	AWY-HI	-90.00000	10,668 m		
YEK	NCAL4	61.09917	35,000 ft	232	ARVIAT NDB
NDB	AWY-HI	-94.06889	10,668 m		
YYL	J540	56.86394	35,000 ft	333	LYNN LAKE VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-101.07533	10,668 m		
POLLE	J539	54.77500	35,000 ft	156	-
FIX	AWY-HI	-103.83333	10,668 m		
YPA	J539	53.21642	35,000 ft	113	PRINCE ALBERT VOR-DME
VOR	AWY-HI	-105.66647	10,668 m		
YXE	V303	52.18117	35,000 ft	73	SASKATOON VORTAC
VOR	AWY-LO	-106.71978	10,668 m		
YYN	V303	50.29706	35,000 ft	118	SWIFT CURRENT VOR-DME
VOR	AWY-LO	-107.69089	10,668 m		
GGRBI	J530	49.00000	35,000 ft	103	-
FIX	AWY-HI	-109.45800	10,668 m		
GTF	J530	47.44998	35,000 ft	121	GREAT FALLS VORTAC
DME	AWY-HI	-111.41216	10,668 m		
DLN	J9	45.24858	35,000 ft	140	DILLON VOR-DME
VOR	AWY-HI	-112.54714	10,668 m		
DBS	V21	44.08886	35,000 ft	71	DUBOIS VORTAC
VOR	AWY-LO	-112.20933	10,668 m		
TERRE	V257	43.73364	35,000 ft	22	-
FIX	AWY-LO	-112.34036	10,668 m		
ROCCA	V257	43.40117	35,000 ft	20	-
FIX	AWY-LO	-112.46156	10,668 m		
PIH	V257	42.87039	35,000 ft	32	POCATELLO VOR-DME
VOR	AWY-LO	-112.65222	10,668 m		
BANNO	V21	42.72035	35,000 ft	9	-
FIX	AWY-LO	-112.60687	10,668 m		
MLD	V21	42.19990	35,000 ft	32	MALAD CITY VOR-DME
DME	AWY-LO	-112.45124	10,668 m		
KREBS	V257	41.48879	35,000 ft	42	-
FIX	AWY-LO	-112.43471	10,668 m		
MOINT	V257	41.25258	35,000 ft	14	-
FIX	AWY-LO	-112.42933	10,668 m		
RIDEN	V257	41.14956	35,000 ft	6	-
FIX	AWY-LO	-112.42700	10,668 m		
EMONT	V257	41.05056	35,000 ft	5	-
FIX	AWY-LO	-112.42468	10,668 m		
STACO	V257	40.82220	35,000 ft	13	-
FIX	AWY-LO	-112.41960	10,668 m		
ENJAK	V257	40.35688	35,000 ft	27	-
FIX	AWY-LO	-112.40917	10,668 m		
VERNE	V257	40.18814	35,000 ft	10	-
FIX	AWY-LO	-112.42481	10,668 m		
LOLIC	V257	39.71832	35,000 ft	28	-
FIX	AWY-LO	-112.46789	10,668 m		
WADOK	V257	39.55192	35,000 ft	10	-
FIX	AWY-LO	-112.48300	10,668 m		
DTA	V257	39.30222	35,000 ft	15	DELTA VORTAC
VOR	AWY-LO	-112.50556	10,668 m		
MLF	-	38.36036	35,000 ft	61	MILFORD VORTAC
VOR	-	-113.01322	10,668 m		
BERYL	-	37.90005	35,000 ft	32	-
FIX	-	-113.38572	10,668 m		
NORRA	J107	36.75931	35,000 ft	80	-
FIX	AWY-HI	-114.28109	10,668 m		
LAS	J100	36.07970	35,000 ft	58	LAS VEGAS VORTAC
DME	AWY-HI	-115.15979	10,668 m		
CLARR	J100	35.67568	35,000 ft	35	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-115.67975	10,668 m		
DAG	V394	34.96244	23,400 ft	61	DAGGETT VORTAC
VOR	AWY-LO	-116.57817	7,132 m		
BASAL	V394	34.75778	19,400 ft	18	-
FIX	AWY-LO	-116.86183	5,913 m		
KLAX	-	33.94313	0 ft	90	Los Angeles Intl
APT	-	-118.40892	0 m		

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.119 E

METAR

ESSA 050920Z 11010KT 9999 -RA SCT062 BKN080 09/05 Q1011 TEMPO SHRA SCT040CB

TAF

TAF ESSA 050830Z 0509/0609 09009KT 9999 SCT050 PROB40 0509/0518 SHRA SCT040CB PROB40 0521/0523 SHRA SCT040CB

Frequencies

REC - 119.00 MHz - ATIS	REC - 121.62 MHz - ATIS
APP - 123.75 MHz - STOCKHOLM CONTROL APPROACH	APP - 120.15 MHz - STOCKHOLM CONTROL APPROACH
APP - 126.65 MHz - STOCKHOLM CONTROL APPROACH	DEP - 123.75 MHz - STOCKHOLM CONTROL DEPARTURE
DEP - 120.15 MHz - STOCKHOLM CONTROL DEPARTURE	DEP - 126.65 MHz - STOCKHOLM CONTROL DEPARTURE
TWR - 118.50 MHz - ARLANDA TOWER	TWR - 125.12 MHz - ARLANDA TOWER
TWR - 128.72 MHz - ARLANDA TOWER	TWR - 123.10 MHz - ARLANDA TOWER
GND - 121.70 MHz - ARLANDA GROUND	GND - 121.97 MHz - ARLANDA GROUND
GND - 121.92 MHz - ARLANDA GROUND	CLD - 121.82 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	148 ft	10,817 ft	10.38	ASPHALT	0 ft	154 ft
	45 m	3,297 m	3.26		0 m	47 m
19R	148 ft	10,817 ft	190.38	ASPHALT	0 ft	164 ft
	45 m	3,297 m	183.27		0 m	50 m
01R	148 ft	8,151 ft	10.38	ASPHALT	0 ft	223 ft
	45 m	2,484 m	3.26		0 m	68 m
19L	148 ft	8,151 ft	190.38	ASPHALT	0 ft	0 ft
	45 m	2,484 m	183.26		0 m	0 m
08	148 ft	8,180 ft	75.84	ASPHALT	0 ft	161 ft
	45 m	2,493 m	68.72		0 m	49 m
26	148 ft	8,180 ft	255.88	ASPHALT	0 ft	161 ft
	45 m	2,493 m	248.76		0 m	49 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	LOC-ILS	SSA	109.90 MHz	18 nm	10.38	-	138 ft
				33 km	3.26		138 m
01R	LOC-ILS	TSA	109.35 MHz	18 nm	10.38	-	138 ft
				33 km	3.26		138 m
19L	LOC-ILS	USA	111.35 MHz	18 nm	190.38	-	138 ft
				33 km	183.26		138 m
19R	LOC-ILS	NSA	110.70 MHz	18 nm	190.38	-	138 ft
				33 km	183.26		138 m
26	LOC-ILS	ESA	110.10 MHz	18 nm	255.86	-	138 ft
				33 km	248.74		138 m
08	LOC-LOC	WSA	109.55 MHz	18 nm	75.86	-	138 ft
				33 km	68.74		138 m
01L	GS	SSA	109.90 MHz	10 nm	10.38	3.00	138 ft
				19 km	3.26		138 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01R	GS	TSA	109.35 MHz	10 nm	10.38	3.00	138 ft
				19 km	3.26		138 m
19L	GS	USA	111.35 MHz	10 nm	190.38	3.00	138 ft
				19 km	183.26		138 m
19R	GS	NSA	110.70 MHz	10 nm	190.38	3.00	138 ft
				19 km	183.26		138 m
26	GS	ESA	110.10 MHz	10 nm	255.86	3.00	138 ft
				19 km	248.74		138 m

KLAX

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

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.442 E

METAR

KLAX 050853Z 23008KT 3SM -RA BR FEW003 BKN008 OVC016 14/13 A2988 RMK A02 RAE22B37 SLP118 VIS W 2 P0006 60007 T01390

TAF

KLAX 050834Z 0509/0612 25010KT 3SM BR OVC015 FM051000 28015KT P6SM SCT025 BKN040 FM051800 28020G30KT P6SM SCT040

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	71.51		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.53		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	251.53		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.50		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.52		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