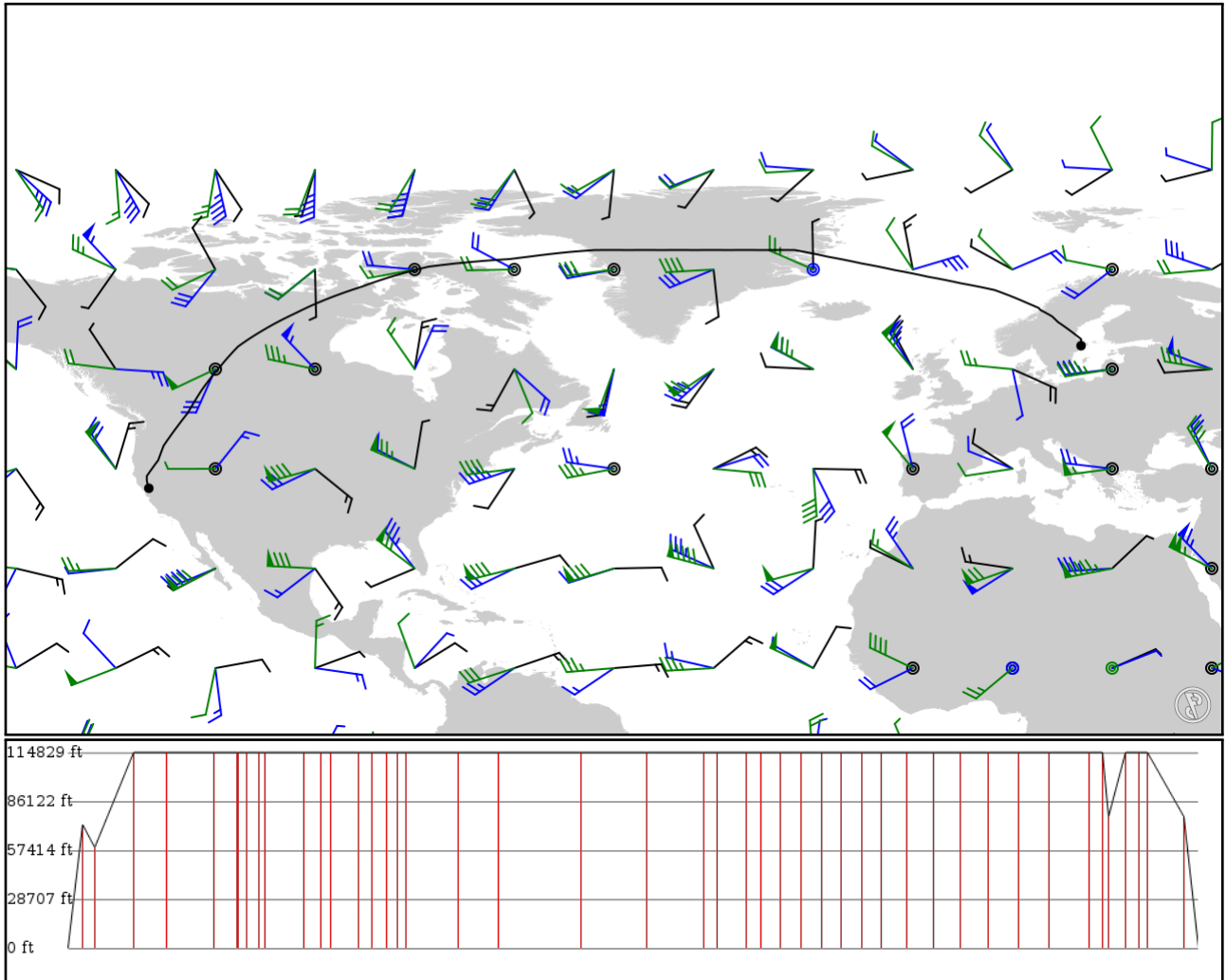


2024/05/12 1754Z

KSUU MXW **V87** RBL **J3** BZXIV **J517** YBE **NCAL1** N6430 **NCAL50** N7130 **NCAH** MEDPA 7300N06500W TOMAS
7400N05500W 7400N05000W 7400N04500W 7400N04000W 7400N03500W 7400N03000W 7400N02500W 7300N02000W
7200N01500W 7100N01000W 7000N0500W 6900N0000E 6800N0500E 6600N01000E BULIN **M609** BINTU BESLO OSS
UY430 DEGAL ESSA

4656.40 nm / 8623.66 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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSUU	-	38.26254	0 ft	-	Travis AFB
APT	-	-121.92757	0 m		
MXW	-	39.31758	22,100 ft	64	MAXWELL VORTAC
VOR	-	-122.22153	6,736 m		
RBL	V87	40.09891	18,000 ft	46	RED BLUFF VORTAC
DME	AWY-LO	-122.23635	5,486 m		
LKV	J3	42.49286	35,000 ft	163	LAKEVIEW VORTAC
VOR	AWY-HI	-120.50711	10,668 m		
IMB	J3	44.64839	35,000 ft	134	KIMBERLY VORTAC
VOR	AWY-HI	-119.71164	10,668 m		
GEG	J3	47.56494	35,000 ft	195	SPOKANE VORTAC
VOR	AWY-HI	-117.62689	10,668 m		
EDGES	J3	48.96475	35,000 ft	94	-
FIX	AWY-HI	-116.55924	10,668 m		
BZXIV	J3	49.00000	35,000 ft	2	-
FIX	AWY-HI	-116.53093	10,668 m		
YXC	J517	49.55499	35,000 ft	37	CRANBROOK VOR-DME
VOR	AWY-HI	-116.08770	10,668 m		
LUMBY	J517	50.35778	35,000 ft	51	-
FIX	AWY-HI	-115.62889	10,668 m		
FARNS	J517	50.75408	35,000 ft	25	-
FIX	AWY-HI	-115.39547	10,668 m		
YEG	J517	53.18556	35,000 ft	156	EDMONTON VOR-DME
VOR	AWY-HI	-113.86686	10,668 m		
ABENY	J517	54.25167	35,000 ft	69	-
FIX	AWY-HI	-113.07611	10,668 m		
CACHO	J517	54.90417	35,000 ft	42	-
FIX	AWY-HI	-112.56944	10,668 m		
YMM	J517	56.64722	35,000 ft	115	FORT MCMURRAY VOR-DME
VOR	AWY-HI	-111.12222	10,668 m		
ALPIM	J517	57.46333	35,000 ft	53	-
FIX	AWY-HI	-110.43833	10,668 m		
PEVRA	J517	58.39167	35,000 ft	61	-
FIX	AWY-HI	-109.61667	10,668 m		
TUFLY	J517	59.03667	35,000 ft	42	-
FIX	AWY-HI	-109.01833	10,668 m		
YBE	J517	59.55500	35,000 ft	34	URANIUM CITY NDB
NDB	AWY-HI	-108.51750	10,668 m		
TADOM	NCAL1	62.44917	35,000 ft	218	-
FIX	AWY-HI	-103.98722	10,668 m		
N6430	NCAL1	64.50000	35,000 ft	163	-
FIX	AWY-HI	-100.00000	10,668 m		
N6830	NCAL50	68.50028	35,000 ft	338	-
FIX	AWY-HI	-90.00000	10,668 m		
N7130	NCAL50	71.50000	35,000 ft	272	-
FIX	AWY-HI	-80.00000	10,668 m		
MEDPA	NCAH	72.66111	35,000 ft	237	-
FIX	AWY-HI	-67.71333	10,668 m		
7300N06500W	-	73.00000	35,000 ft	52	-
LATLON	-	-65.00000	10,668 m		
TOMAS	-	73.73333	35,000 ft	118	-
FIX	-	-58.58333	10,668 m		
7400N05500W	-	74.00000	35,000 ft	61	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-55.00000	10,668 m		
7400N05000W	-	74.00000	35,000 ft	82	-
LATLON	-	-50.00000	10,668 m		
7400N04500W	-	74.00000	35,000 ft	82	-
LATLON	-	-45.00000	10,668 m		
7400N04000W	-	74.00000	35,000 ft	82	-
LATLON	-	-40.00000	10,668 m		
7400N03500W	-	74.00000	35,000 ft	82	-
LATLON	-	-35.00000	10,668 m		
7400N03000W	-	74.00000	35,000 ft	82	-
LATLON	-	-30.00000	10,668 m		
7400N02500W	-	74.00000	35,000 ft	82	-
LATLON	-	-25.00000	10,668 m		
7300N02000W	-	73.00000	35,000 ft	104	-
LATLON	-	-20.00000	10,668 m		
7200N01500W	-	72.00000	35,000 ft	108	-
LATLON	-	-15.00000	10,668 m		
7100N01000W	-	71.00000	35,000 ft	112	-
LATLON	-	-10.00000	10,668 m		
7000N0500W	-	70.00000	35,000 ft	116	-
LATLON	-	-5.00000	10,668 m		
6900N0000E	-	69.00000	35,000 ft	121	-
LATLON	-	0.00000	10,668 m		
6800N0500E	-	68.00000	35,000 ft	125	-
LATLON	-	5.00000	10,668 m		
6600N01000E	-	66.00000	35,000 ft	167	-
LATLON	-	10.00000	10,668 m		
BULIN	-	65.31944	35,000 ft	56	-
FIX	-	11.58333	10,668 m		
BINTU	M609	65.00000	23,500 ft	20	-
FIX	AWY-LO	11.88278	7,163 m		
BESLO	-	64.05861	35,000 ft	71	-
FIX	-	13.60056	10,668 m		
OSS	-	63.19956	35,000 ft	56	OSTERSUND VOR-DME
VOR	-	14.48756	10,668 m		
OSLAV	UY430	62.72636	35,000 ft	34	-
FIX	AWY-HI	15.18331	10,668 m		
DEGAL	UY430	60.63883	23,500 ft	148	-
FIX	AWY-HI	17.95667	7,163 m		
ESSA	-	59.65014	0 ft	59	Stockholm Arlanda
APT	-	17.94363	0 m		

KSUU

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3

Elevation: 62 ft / 19 m
Location: 38.267400 -121.919000
Magnetic Var: 12.899 E

METAR

KSUU 121655Z AUTO 24019KT 10SM CLR 18/11 A2991 RMK A02 SLP135 T01790112

TAF

TAF KSUU 121055Z 1211/1317 24015G25KT 9999 SKC QNH2985INS BECMG 1216/1217 23009KT 9999 SKC QNH2991INS BECMG 1300/

Frequencies

REC - 135.55 MHz - ATIS	COM - 123.30 MHz - AERO CLUB UNICOM
CLD - 127.55 MHz - CLNC DEL	GND - 121.80 MHz -
TWR - 120.75 MHz -	APP - 126.60 MHz -
APP - 119.90 MHz -	DEP - 119.90 MHz -
DEP - 126.60 MHz -	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03L	148 ft	10,998 ft	47.54	ASPHALT	0 ft	1,001 ft
	45 m	3,352 m	34.64		0 m	305 m
21R	148 ft	10,998 ft	227.55	ASPHALT	0 ft	157 ft
	45 m	3,352 m	214.65		0 m	48 m
03R	148 ft	10,997 ft	47.56	CONCRETE	0 ft	1,001 ft
	45 m	3,352 m	34.66		0 m	305 m
21L	148 ft	10,997 ft	227.57	CONCRETE	0 ft	1,001 ft
	45 m	3,352 m	214.67		0 m	305 m
04	89 ft	4,100 ft	47.55	CONCRETE	0 ft	0 ft
	27 m	1,250 m	34.65		0 m	0 m
22	89 ft	4,100 ft	227.56	CONCRETE	0 ft	0 ft
	27 m	1,250 m	214.66		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03L	LOC-ILS	ITXV	108.35 MHz	18 nm	47.56	-	57 ft
				33 km	34.66		57 m
21L	LOC-ILS	ISUU	110.10 MHz	18 nm	227.57	-	33 ft
				33 km	214.67		33 m
03L	GS	ITXV	108.35 MHz	10 nm	48.09	2.50	36 ft
				19 km	35.19		36 m
21L	GS	ISUU	110.10 MHz	10 nm	228.12	2.80	51 ft
				19 km	215.22		51 m

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.123 E

METAR

ESSA 121720Z 07008KT CAVOK 19/08 Q1021 NOSIG

TAF

TAF ESSA 121430Z 1215/1315 33005KT CAVOK PROB40 1310/1315 SCT050TCU

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	3.25		0 m	47 m
19R	148 ft	10,817 ft	190.38	ASPHALT	0 ft	164 ft
	45 m	3,297 m	183.26		0 m	50 m
01R	148 ft	8,151 ft	10.38	ASPHALT	0 ft	223 ft
	45 m	2,484 m	3.25		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