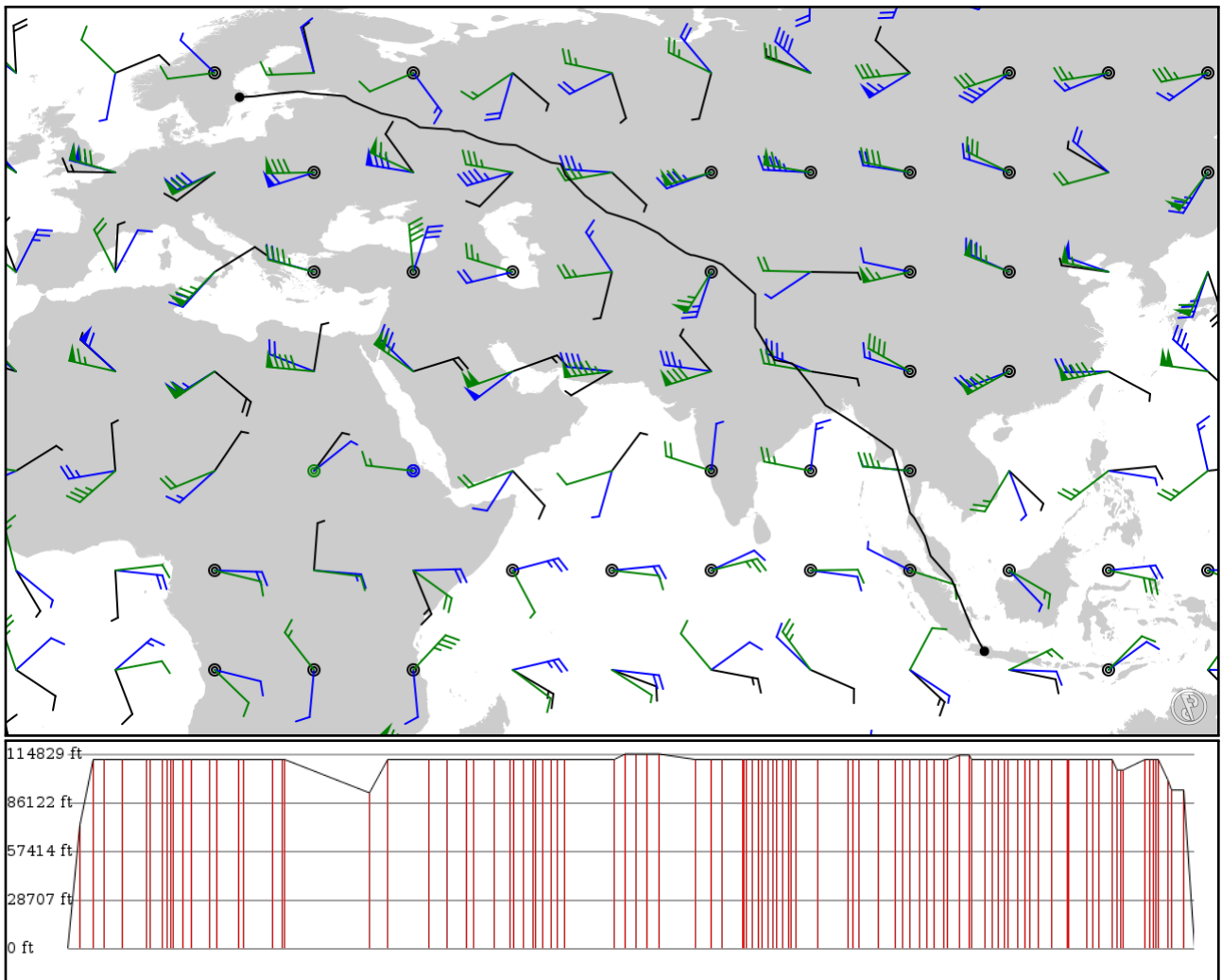


2024/05/11 0753Z

WICC DKI **W12E** BIKAL **B469** SJ **G579** VJR **R325** VIH **A464** HTY **W17** RAN KT **V9** BGO **L507** CEA **R325** DUMKA **R581**
MONDA **G463** SMR BHP **W17** DNG 3200N08000E 3300N08000E 3400N08000E 3500N08000E 3600N08000E SCH **A364**
KHG 4000N07500E OSH **G134** SA **P206** TULGA **A126** SMK **R482** GENDI **A352** KZO **A356** NKZ **B142** KEKUN **G3** AKB
A360 SL **G549** DW **R346** UD01 **R480** CW **R489** MF NE **R815** BD **B160** KOLPI **R30** GOGLA **UT86** PVO **UN872** RUNGA
ESSA

6034.13 nm / 11175.20 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
WICC APT	-	-6.90063 107.57629	0 ft 0 m	-	Bandun Husein Sastranegara
DKI VOR	-	-5.96119 107.03552	22,200 ft 6,767 m	64	JAKARTA VOR-DME
BIKAL FIX	W12E AWY-HI	-4.87884 106.46830	34,000 ft 10,363 m	73	-
BIDAK FIX	B469 AWY-HI	-4.04127 106.03206	34,000 ft 10,363 m	56	-
TODAK FIX	B469 AWY-HI	-2.52186 105.38828	34,000 ft 10,363 m	99	-
NE NDB	B469 AWY-HI	-0.48300 104.57599	34,000 ft 10,363 m	131	SINGKEP NDB
NE020 FIX	B469 AWY-HI	-0.20827 104.40486	34,000 ft 10,363 m	19	-
BAVAL FIX	B469 AWY-HI	0.75500 104.04500	34,000 ft 10,363 m	61	-
SJ VOR	B469 AWY-HI	1.22259 103.85423	34,000 ft 10,363 m	30	SINJON VOR-DME
JB NDB	G579 AWY-HI	1.49994 103.71162	34,000 ft 10,363 m	18	-
VJR VOR	G579 AWY-HI	1.72986 103.62164	34,000 ft 10,363 m	14	JOHOR BAHRU VOR-DME
DAMAL FIX	R325 AWY-HI	2.33194 103.08667	34,000 ft 10,363 m	48	-
LATUK FIX	R325 AWY-HI	2.92111 102.56278	34,000 ft 10,363 m	47	-
ANSOM FIX	R325 AWY-HI	4.07333 101.53861	34,000 ft 10,363 m	92	-
VIH VOR	R325 AWY-HI	4.57303 101.09361	34,000 ft 10,363 m	40	IPOH VOR-DME
KARMI FIX	A464 AWY-HI	6.49444 100.52250	34,000 ft 10,363 m	120	-
HTY VOR	A464 AWY-HI	6.93410 100.38791	34,000 ft 10,363 m	27	HAT YAI VOR-DME
STN VOR	W17 AWY-HI	9.12951 99.13475	34,000 ft 10,363 m	151	SURAT THANI VOR-DME
RAN VOR	W17 AWY-HI	9.77866 98.58392	34,000 ft 10,363 m	50	RANONG VOR-DME
KT NDB	-	10.05178 98.54967	34,000 ft 10,363 m	16	KAWTHOUNG NDB
BGO VOR	V9 AWY-HI	17.31961 96.51647	28,000 ft 8,534 m	452	BAGO VOR-DME
OTADA FIX	L507 AWY-HI	18.30119 95.14661	34,000 ft 10,363 m	98	-
TEBOV FIX	L507 AWY-HI	20.41764 91.99694	34,000 ft 10,363 m	219	-
ESDOT FIX	L507 AWY-HI	21.34583 90.54722	34,000 ft 10,363 m	98	-
AVPOP FIX	L507 AWY-HI	22.30250 89.01389	34,000 ft 10,363 m	102	-
CEA VOR	L507 AWY-HI	22.64518 88.45288	34,000 ft 10,363 m	37	KOLKATA VOR-DME
DUMKA	R325	24.18393	34,000 ft	110	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	87.35277	10,363 m		
MONDA	R581	25.35056	34,000 ft	86	-
FIX	AWY-HI	86.43777	10,363 m		
UXAGA	G463	25.58458	34,000 ft	17	-
FIX	AWY-HI	86.25256	10,363 m		
IPLAS	G463	26.32814	34,000 ft	55	-
FIX	AWY-HI	85.65372	10,363 m		
ROMEO	G463	27.04639	34,000 ft	53	-
FIX	AWY-HI	85.07861	10,363 m		
SMR	G463	27.16417	34,000 ft	8	SIMARA VOR-DME
VOR	AWY-HI	84.98222	10,363 m		
BHP	-	27.67944	34,000 ft	42	BHARATPUR NDB
NDB	-	84.42972	10,363 m		
JULIT	W17	27.82520	34,000 ft	41	-
FIX	AWY-HI	83.67285	10,363 m		
THARA	W17	27.95573	34,000 ft	36	-
FIX	AWY-HI	82.99794	10,363 m		
DNG	W17	28.11167	34,000 ft	38	DANG NDB
NDB	AWY-HI	82.29167	10,363 m		
3200N08000E	-	32.00000	34,000 ft	262	-
LATLON	-	80.00000	10,363 m		
3300N08000E	-	33.00000	35,000 ft	60	-
LATLON	-	80.00000	10,668 m		
3400N08000E	-	34.00000	35,000 ft	60	-
LATLON	-	80.00000	10,668 m		
3500N08000E	-	35.00000	35,000 ft	60	-
LATLON	-	80.00000	10,668 m		
3600N08000E	-	36.00000	35,000 ft	60	-
LATLON	-	80.00000	10,668 m		
SCH	-	38.42833	34,000 ft	196	SHACHE VOR-DME
VOR	-	77.24000	10,363 m		
KHG	A364	39.54667	34,000 ft	87	KASHI VOR-DME
VOR	AWY-HI	76.02333	10,363 m		
4000N07500E	-	40.00000	34,000 ft	54	-
LATLON	-	75.00000	10,363 m		
OSH	-	40.63667	34,000 ft	110	-
VOR	-	72.74333	10,363 m		
OGODA	G134	40.66667	34,000 ft	7	-
FIX	AWY-HI	72.58333	10,363 m		
AN	G134	40.69833	34,000 ft	15	ANDIZHAN NDB
NDB	AWY-HI	72.25000	10,363 m		
SA	G134	40.96833	34,000 ft	32	NAMANGAN NDB
NDB	AWY-HI	71.62167	10,363 m		
ABDOK	P206	41.29167	34,000 ft	29	-
FIX	AWY-HI	71.12500	10,363 m		
FIKAS	P206	41.46667	34,000 ft	16	-
FIX	AWY-HI	70.83333	10,363 m		
TULGA	P206	41.89639	34,000 ft	38	-
FIX	AWY-HI	70.20111	10,363 m		
ADESA	A126	42.16111	34,000 ft	23	-
FIX	AWY-HI	69.81500	10,363 m		
SMK	A126	42.35861	34,000 ft	18	SHYMKENT VOR-DME
VOR	AWY-HI	69.50472	10,363 m		
BEDIK	R482	42.76361	34,000 ft	32	-
FIX	AWY-HI	69.02111	10,363 m		
VAGRI	R482	43.17944	34,000 ft	33	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	68.51500	10,363 m		
GENDI	R482	43.30000	34,000 ft	9	-
FIX	AWY-HI	68.36667	10,363 m		
ULMAK	A352	43.59556	34,000 ft	30	-
FIX	AWY-HI	67.80667	10,363 m		
KZO	A352	44.70667	34,000 ft	116	KYZYLORDA VOR-DME
VOR	AWY-HI	65.60000	10,363 m		
NKZ	A356	45.83083	34,000 ft	161	NOVOKAZALINSK VOR-DME
VOR	AWY-HI	62.12861	10,363 m		
AVLAK	B142	46.18111	34,000 ft	27	-
FIX	AWY-HI	61.69167	10,363 m		
IDROS	B142	46.55444	34,000 ft	29	-
FIX	AWY-HI	61.21722	10,363 m		
EL	B142	47.83361	34,000 ft	103	SHALKAR NDB
NDB	AWY-HI	59.51972	10,363 m		
KEKUN	B142	49.10389	34,000 ft	89	-
FIX	AWY-HI	58.33278	10,363 m		
ODILA	G3	49.65944	34,000 ft	39	-
FIX	AWY-HI	57.79028	10,363 m		
AKB	G3	50.26306	34,000 ft	43	AKTYUBINSK VOR-DME
VOR	AWY-HI	57.18389	10,363 m		
MULTA	A360	51.07833	34,000 ft	50	-
FIX	AWY-HI	56.84500	10,363 m		
VL	A360	51.63333	34,000 ft	34	ZHELTOYE NDB
NDB	AWY-HI	56.60000	10,363 m		
UWOO	A360	51.79579	34,000 ft	43	ORENBURG
APT	AWY-HI	55.45675	10,363 m		
PO	A360	52.25000	34,000 ft	50	PRETORIA NDB
NDB	AWY-HI	54.31667	10,363 m		
VENOK	A360	52.50000	34,000 ft	21	-
FIX	AWY-HI	53.88333	10,363 m		
PEKUR	A360	53.19000	34,800 ft	63	-
FIX	AWY-HI	52.56667	10,607 m		
NANKA	A360	53.75000	34,800 ft	50	-
FIX	AWY-HI	51.51500	10,607 m		
SL	A360	53.90000	34,000 ft	14	SUKHODOL NDB
NDB	AWY-HI	51.18333	10,363 m		
DW	G549	54.03333	34,000 ft	71	-
NDB	AWY-HI	49.18333	10,363 m		
UWLL	R346	54.26833	34,000 ft	36	-
APT	AWY-HI	48.22667	10,363 m		
GOTUN	R346	54.53833	34,000 ft	32	-
FIX	AWY-HI	47.41667	10,363 m		
BT	R346	54.81667	34,000 ft	33	ALATYR NDB
NDB	AWY-HI	46.58167	10,363 m		
DABER	R346	55.05000	34,000 ft	20	-
FIX	AWY-HI	46.13333	10,363 m		
UD01	R346	55.56667	34,000 ft	51	-
APT	AWY-HI	44.91667	10,363 m		
MB	R480	55.60000	34,000 ft	38	CHERNUKHA NDB
NDB	AWY-HI	43.78139	10,363 m		
RP	R480	55.80000	34,000 ft	24	SOSNOVSKOYE NDB
NDB	AWY-HI	43.16472	10,363 m		
CW	R480	55.86778	34,000 ft	46	KRASNAYA GORBATKA NDB
NDB	AWY-HI	41.78444	10,363 m		
MF	R489	56.02611	34,000 ft	72	LARIONOVO NDB

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-HI	39.63417	10,363 m		
NE	-	57.03778	34,000 ft	81	NERL NDB
NDB	-	37.99528	10,363 m		
BD	R815	57.10778	34,000 ft	10	BOGDANOV NDB
NDB	AWY-HI	37.71194	10,363 m		
DB	B160	57.71306	34,000 ft	95	POCHINOK NDB
NDB	AWY-HI	34.97194	10,363 m		
NUKOL	B160	58.08333	34,000 ft	34	-
FIX	AWY-HI	34.13111	10,363 m		
OKULO	B160	58.40333	34,000 ft	30	-
FIX	AWY-HI	33.38944	10,363 m		
UD	B160	59.11667	34,000 ft	69	CHUDOVO NDB
NDB	AWY-HI	31.65000	10,363 m		
NURMA	B160	59.50139	32,100 ft	29	-
FIX	AWY-HI	31.04417	9,784 m		
KOLPI	B160	59.74972	32,100 ft	19	-
FIX	AWY-HI	30.64750	9,784 m		
SPB	R30	59.80694	32,100 ft	11	SANKT-PETERBURG Pulkovo VOR-DM
VOR	AWY-HI	30.27472	9,784 m		
GOGLA	R30	60.10000	34,000 ft	116	-
FIX	AWY-HI	26.45667	10,363 m		
PVO	UT86	60.29438	34,000 ft	28	PORVOO VOR-DME
VOR	AWY-HI	25.58848	10,363 m		
HEL	UN872	60.33782	34,000 ft	19	HELSINKI VOR-DME
VOR	AWY-HI	24.95373	10,363 m		
NUKSI	UN872	60.30778	34,000 ft	9	-
FIX	AWY-HI	24.62472	10,363 m		
RUNEN	UN872	60.25750	34,000 ft	16	-
FIX	AWY-HI	24.08167	10,363 m		
SUNAS	UN872	60.10000	30,300 ft	47	-
FIX	AWY-HI	22.53694	9,235 m		
OSMIN	UN872	60.02250	28,500 ft	20	-
FIX	AWY-HI	21.86444	8,687 m		
RUNGA	UN872	59.74972	28,500 ft	66	-
FIX	AWY-HI	19.72417	8,687 m		
ESSA	-	59.65014	0 ft	54	Stockholm Arlanda
APT	-	17.94363	0 m		

ESSA

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 3

Elevation: 138 ft / 42 m
Location: 59.651900 17.918600
Magnetic Var: 7.122 E

METAR

ESSA 110720Z VRB02KT CAVOK 12/M01 Q1024 NOSIG

TAF

TAF ESSA 110530Z 1106/1206 VRB03KT CAVOK

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