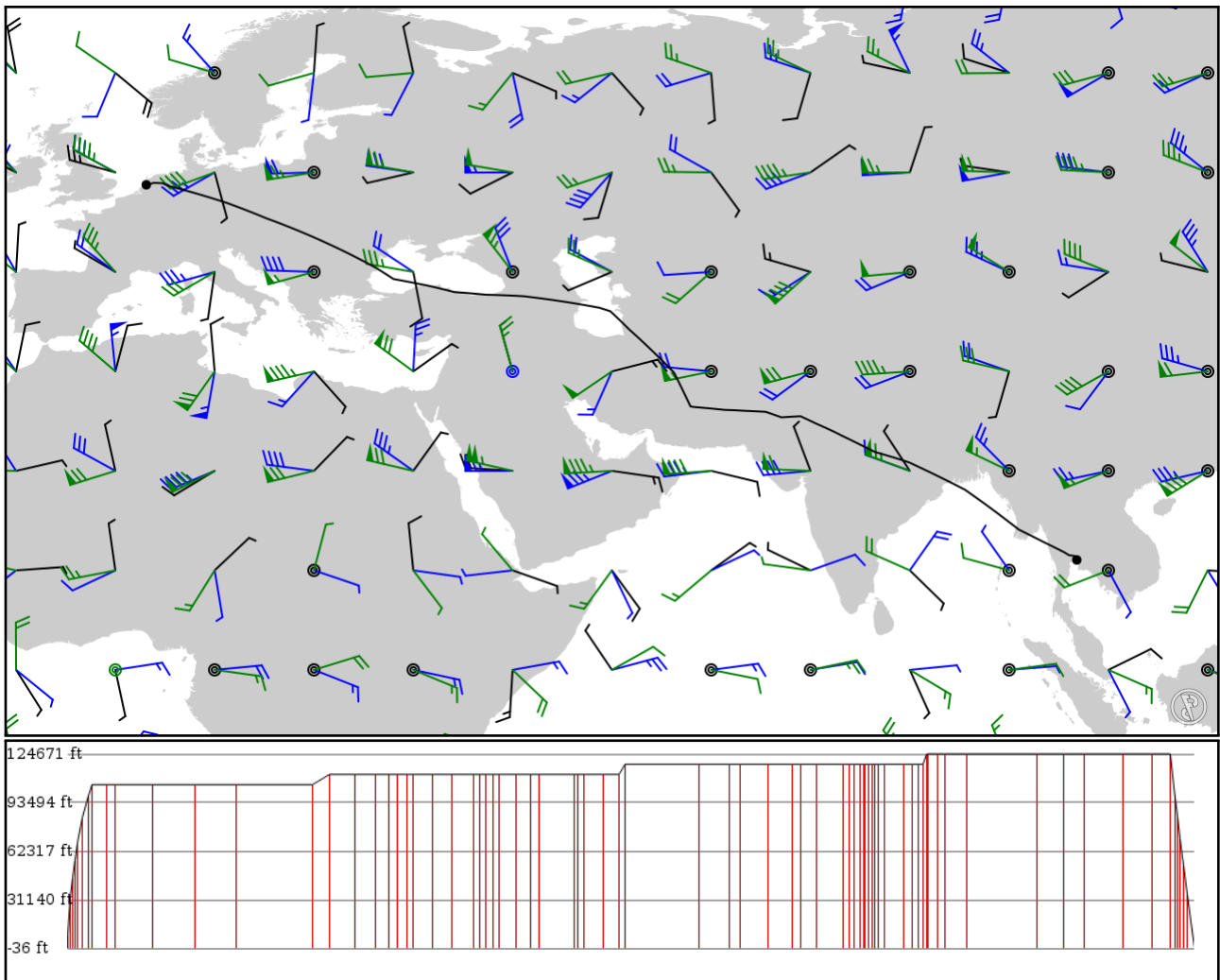


2024/05/20 0805Z

VTBS EXSON BS104 BS108 BS117 BS118 TEMPO TARED +14.570_+099.265 BETNO POXEM PTN IBITA DOPID LAPAN
VILOP KJ MEMID BAVOX INTIL JJP ELMON KABEL MERUN RK MORBA MEMIX POPOT ELKEB KALAT BILIP SOKIR
DERBO ZDN LUDAX ELOKA ODBES BJD SOMAD NENIS BODKA NATSO DOLUM ELSIV REBLO DELEL EKTES TBN TEMEL
ARLAT IPSAT ARSUG ERKOS EMLAD OSDUT TERME CRM GOKPA INB ADUMU OLDUD GIPDA ASBEP EVGEG ODERO LUGEB
ADUKU BALAP ODNEM KONAR WERRA +52.050_+007.618 NORKU SONSA ROBIS OSKUR ARTIP EHAM

5398.76 nm / 9998.51 km



Notes

None

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VTBS	-	13.68583	5 ft	-	-
APT	-	100.74889	2 m		
EXSON	-	13.74845	2,700 ft	4	-
FIX	-	100.77596	823 m		
BS104	-	13.94730	9,700 ft	12	-
FIX	-	100.81999	2,957 m		
BS108	-	14.06601	13,800 ft	10	-
FIX	-	100.69794	4,206 m		
BS117	-	14.09247	17,200 ft	10	-
FIX	-	100.52434	5,243 m		
BS118	-	14.11969	20,600 ft	10	-
FIX	-	100.34488	6,279 m		
TEMPO	-	14.18358	25,500 ft	25	-
FIX	-	99.91999	7,772 m		
TARED	-	14.43876	29,800 ft	27	-
FIX	-	99.52469	9,083 m		
+14.570_+099.265	-	14.56962	32,000 ft	17	-
LATLON	-	99.26533	9,754 m		
BETNO	-	15.09819	32,000 ft	69	-
FIX	-	98.20867	9,754 m		
POXEM	-	15.44308	32,000 ft	46	-
FIX	-	97.49639	9,754 m		
PTN	-	16.80869	32,000 ft	177	-
VOR	-	94.76955	9,754 m		
IBITA	-	18.92000	32,000 ft	202	-
FIX	-	91.99694	9,754 m		
DOPID	-	20.91750	32,000 ft	198	-
FIX	-	89.20444	9,754 m		
LAPAN	-	23.73194	32,000 ft	362	-
FIX	-	83.43556	9,754 m		
VILOP	-	24.19222	34,000 ft	83	-
FIX	-	81.99806	10,363 m		
KKJ	-	24.80300	34,000 ft	119	-
VOR	-	79.91300	10,363 m		
MEMID	-	25.60861	34,000 ft	100	-
FIX	-	78.29861	10,363 m		
BAVOX	-	26.14194	34,000 ft	66	-
FIX	-	77.21556	10,363 m		
INTIL	-	26.46417	34,000 ft	40	-
FIX	-	76.54472	10,363 m		
JJP	-	26.82575	34,000 ft	43	-
VOR	-	75.83806	10,363 m		
ELMON	-	27.05944	34,000 ft	30	-
FIX	-	75.33222	10,363 m		
KABEL	-	27.73333	34,000 ft	89	-
FIX	-	73.83778	10,363 m		
MERUN	-	28.48056	34,000 ft	95	-
FIX	-	72.24833	10,363 m		
RK	-	28.36565	34,000 ft	104	-
VOR	-	70.27315	10,363 m		
MORBA	-	28.53917	34,000 ft	27	-
FIX	-	69.78972	10,363 m		
MEMIX	-	28.72000	34,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	69.27917	10,363 m		
POPOT	-	28.93333	34,000 ft	34	-
FIX	-	68.66667	10,363 m		
ELKEB	-	28.96556	34,000 ft	31	-
FIX	-	68.06556	10,363 m		
KALAT	-	29.03361	34,000 ft	77	-
FIX	-	66.58361	10,363 m		
BILIP	-	29.10500	34,000 ft	69	-
FIX	-	65.26444	10,363 m		
SOKIR	-	29.13361	34,000 ft	44	-
FIX	-	64.41722	10,363 m		
DERBO	-	29.42833	34,000 ft	165	-
FIX	-	61.28361	10,363 m		
ZDN	-	29.48675	34,000 ft	20	-
VOR	-	60.90158	10,363 m		
LUDAX	-	29.94944	34,000 ft	30	-
FIX	-	60.68361	10,363 m		
ELOKA	-	31.39028	34,000 ft	93	-
FIX	-	59.98944	10,363 m		
ODBES	-	32.51389	34,000 ft	73	-
FIX	-	59.43222	10,363 m		
BJD	-	32.97242	36,000 ft	29	-
VOR	-	59.20014	10,973 m		
SOMAD	-	37.44578	36,000 ft	352	-
FIX	-	54.54763	10,973 m		
NENIS	-	39.29163	36,000 ft	142	-
FIX	-	52.63561	10,973 m		
BODKA	-	39.64996	36,000 ft	56	-
FIX	-	51.49892	10,973 m		
NATSO	-	40.13083	36,000 ft	129	-
FIX	-	48.76861	10,973 m		
DOLUM	-	40.52028	36,000 ft	120	-
FIX	-	46.19000	10,973 m		
ELSIV	-	40.63111	36,000 ft	37	-
FIX	-	45.37056	10,973 m		
REBLO	-	40.84000	36,000 ft	77	-
FIX	-	43.68500	10,973 m		
DELEL	-	40.96500	36,000 ft	127	-
FIX	-	40.89028	10,973 m		
EKTES	-	40.98528	36,000 ft	31	-
FIX	-	40.20444	10,973 m		
TBN	-	40.99528	36,000 ft	18	-
VOR	-	39.79564	10,973 m		
TEMEL	-	41.05722	36,000 ft	30	-
FIX	-	39.13722	10,973 m		
ARLAT	-	41.09694	36,000 ft	19	-
FIX	-	38.70194	10,973 m		
IPSAT	-	41.10528	36,000 ft	4	-
FIX	-	38.60583	10,973 m		
ARSUG	-	41.13306	36,000 ft	15	-
FIX	-	38.27222	10,973 m		
ERKOS	-	41.16444	36,000 ft	17	-
FIX	-	37.88389	10,973 m		
EMLAD	-	41.18694	36,000 ft	12	-
FIX	-	37.61806	10,973 m		
OSDUT	-	41.19000	36,000 ft	2	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	37.55444	10,973 m		
TERME	-	41.21444	36,000 ft	14	-
FIX	-	37.22472	10,973 m		
CRM	-	41.26550	36,000 ft	30	-
VOR	-	36.54886	10,973 m		
GOKPA	-	41.74611	36,000 ft	92	-
FIX	-	34.59472	10,973 m		
INB	-	41.95142	36,000 ft	41	-
VOR	-	33.70628	10,973 m		
ADUMU	-	42.07139	36,000 ft	28	-
FIX	-	33.07778	10,973 m		
OLDUD	-	42.16611	36,000 ft	21	-
FIX	-	32.61194	10,973 m		
GIPDA	-	42.24694	38,000 ft	18	-
FIX	-	32.20500	11,582 m		
ASBEP	-	42.26278	38,000 ft	3	-
FIX	-	32.12389	11,582 m		
EVGEG	-	42.45722	38,000 ft	46	-
FIX	-	31.10750	11,582 m		
ODERO	-	42.61056	38,000 ft	38	-
FIX	-	30.26444	11,582 m		
LUGEB	-	43.73556	38,000 ft	102	-
FIX	-	28.50111	11,582 m		
ADUKU	-	46.92389	38,000 ft	334	-
FIX	-	22.00000	11,582 m		
BALAP	-	48.06806	38,000 ft	131	-
FIX	-	19.25000	11,582 m		
ODNEM	-	48.85320	38,000 ft	95	-
FIX	-	17.16784	11,582 m		
KONAR	-	50.44514	38,000 ft	185	-
FIX	-	13.06558	11,582 m		
WERRA	-	51.47001	38,000 ft	140	-
FIX	-	9.73412	11,582 m		
+52.050_+007.618	-	52.05000	38,000 ft	86	-
LATLON	-	7.61804	11,582 m		
NORKU	-	52.21556	29,400 ft	25	-
FIX	-	6.97639	8,961 m		
SONSA	-	52.33089	25,800 ft	10	-
FIX	-	6.74559	7,864 m		
ROBIS	-	52.46861	21,500 ft	13	-
FIX	-	6.46722	6,553 m		
OSKUR	-	52.49046	16,200 ft	16	-
FIX	-	6.02402	4,938 m		
ARTIP	-	52.51121	10,600 ft	16	-
FIX	-	5.56908	3,231 m		
EHAM	-	52.30806	-11 ft	31	-
APT	-	4.76417	-3 m		

VTBS

Region: THAILAND
Timezone: ASIA/BANGKOK
Runways: 2

Elevation: 4 ft / 1 m
Location: 13.680800 100.748000
Magnetic Var: 0.534 W

METAR

VTBS 200730Z 18011KT 9999 VCSH SCT020CB 34/25 Q1004 NOSIG

TAF

TAF VTBS 200500Z 2006/2112 19008KT 9999 FEW020 TEMPO 2007/2011 VRB15KT 3000 TSRA FEW018CB SCT030 TEMPO 2022/2102 V

Frequencies

REC - 133.60 MHz - ATIS	TWR - 119.00 MHz - SUVARNABHUMI TOWER
TWR - 118.20 MHz - SUVARNABHUMI TOWER	GND - 121.95 MHz - SUVARNABHUMI GROUND
GND - 121.65 MHz - SUVARNABHUMI GROUND	GND - 121.75 MHz - SUVARNABHUMI GROUND
CLD - 135.80 MHz - BANGKOK CLEARANCE DELIVERY	CLD - 128.70 MHz - BANGKOK CLEARANCE DELIVERY
CLD - 120.80 MHz - BANGKOK CLEARANCE DELIVERY	CLD - 125.80 MHz - DON MUEANG CLEARANCE DELIVERY
CLD - 133.80 MHz - BANGKOK CLEARANCE DELIVERY	APP - 124.35 MHz - BANGKOK ARRIVAL
APP - 125.20 MHz - BANGKOK ARRIVAL	APP - 122.35 MHz - BANGKOK ARRIVAL
APP - 120.30 MHz - BANGKOK APPROACH	APP - 119.10 MHz - BANGKOK APPROACH
APP - 121.70 MHz - BANGKOK ARRIVAL	APP - 126.30 MHz - SUVARNABHUMI ARRIVAL
APP - 133.60 MHz - SUVARNABHUMI ARRIVAL	APP - 121.10 MHz - SUVARNABHUMI ARRIVAL
APP - 133.40 MHz - SUVARNABHUMI ARRIVAL	DEP - 119.25 MHz - SUVARNABHUMI DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	197 ft	13,189 ft	14.33	ASPHALT	0 ft	394 ft
	60 m	4,020 m	14.86		0 m	120 m
19L	197 ft	13,189 ft	194.33	ASPHALT	0 ft	394 ft
	60 m	4,020 m	194.86		0 m	120 m
01L	197 ft	12,201 ft	14.32	ASPHALT	0 ft	394 ft
	60 m	3,719 m	14.86		0 m	120 m
19R	197 ft	12,201 ft	194.32	ASPHALT	0 ft	397 ft
	60 m	3,719 m	194.86		0 m	121 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	ISWS	109.10 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
01R	DME	ISES	110.10 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
19L	DME	ISEN	110.50 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
19R	DME	ISWN	109.50 MHz	18 nm	-	-	5 ft
				33 km	-		5 m
01L	LOC-ILS	ISWS	109.10 MHz	18 nm	14.32	-	4 ft
				33 km	14.85		4 m
01R	LOC-ILS	ISES	110.10 MHz	18 nm	14.33	-	4 ft
				33 km	14.86		4 m
19L	LOC-ILS	ISEN	110.50 MHz	18 nm	194.33	-	4 ft
				33 km	194.86		4 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19R	LOC-ILS	ISWN	109.50 MHz	18 nm	194.32	-	4 ft
				33 km	194.85		4 m
01L	GS	ISWS	109.10 MHz	10 nm	14.32	3.00	4 ft
				19 km	14.85		4 m
01R	GS	ISES	110.10 MHz	10 nm	14.33	3.00	4 ft
				19 km	14.86		4 m
19L	GS	ISEN	110.50 MHz	10 nm	194.33	3.00	4 ft
				19 km	194.86		4 m
19R	GS	ISWN	109.50 MHz	10 nm	194.32	3.00	4 ft
				19 km	194.85		4 m

EHAM

Region: NETHERLANDS
Timezone: EUROPE/AMSTERDAM
Runways: 6

Elevation: -11 ft / -3 m
Location: 52.308100 4.764170
Magnetic Var: 2.047 E

METAR

EHAM 200725Z 33008KT 310V010 9999 FEW007 BKN012 15/14 Q1012 NOSIG

TAF

TAF TAF EHAM 200439Z 2006/2112 35010KT 9999 BKN008 BECMG 2006/2008 7000 SCT018 PROB40 2008/2010 BKN018 TEMPO 2011

Frequencies

GND - 121.55 MHz - SCHIPHOL GROUND	GND - 121.70 MHz - SCHIPHOL GROUND
GND - 121.80 MHz - SCHIPHOL GROUND	GND - 121.90 MHz - SCHIPHOL GROUND
GND - 121.60 MHz - SCHIPHOL GROUND	TWR - 119.22 MHz - SCHIPHOL TOWER
TWR - 118.10 MHz - SCHIPHOL TOWER	TWR - 118.27 MHz - SCHIPHOL TOWER
TWR - 119.90 MHz - SCHIPHOL TOWER	APP - 118.80 MHz - AMSTERDAM RADAR
APP - 120.55 MHz - AMSTERDAM RADAR	APP - 127.78 MHz - AMSTERDAM RADAR
APP - 119.05 MHz - SCHIPHOL APPROACH	APP - 118.08 MHz - SCHIPHOL APPROACH
APP - 126.68 MHz - SCHIPHOL APPROACH	APP - 118.40 MHz - SCHIPHOL ARRIVAL
APP - 131.15 MHz - SCHIPHOL ARRIVAL	DEP - 121.20 MHz - SCHIPHOL DEPARTURE
REC - 122.20 MHz - SCHIPHOL ATIS	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	145 ft	11,319 ft	86.77	ASPHALT	325 ft	0 ft
	44 m	3,450 m	84.73		99 m	0 m
27	145 ft	11,319 ft	266.81	ASPHALT	0 ft	0 ft
	44 m	3,450 m	264.77		0 m	0 m
18L	150 ft	11,150 ft	183.24	ASPHALT	1,886 ft	0 ft
	46 m	3,399 m	181.20		575 m	0 m
36R	150 ft	11,150 ft	3.24	ASPHALT	0 ft	0 ft
	46 m	3,399 m	1.19		0 m	0 m
18C	145 ft	10,813 ft	183.22	ASPHALT	0 ft	0 ft
	44 m	3,296 m	181.17		0 m	0 m
36C	145 ft	10,813 ft	3.22	ASPHALT	1,473 ft	0 ft
	44 m	3,296 m	1.17		449 m	0 m
18R	190 ft	12,467 ft	183.19	ASPHALT	886 ft	0 ft
	58 m	3,800 m	181.14		270 m	0 m
36L	190 ft	12,467 ft	3.19	ASPHALT	0 ft	0 ft
	58 m	3,800 m	1.14		0 m	0 m
06	150 ft	11,288 ft	57.85	ASPHALT	814 ft	0 ft
	46 m	3,441 m	55.81		248 m	0 m
24	150 ft	11,288 ft	237.89	ASPHALT	0 ft	0 ft
	46 m	3,441 m	235.84		0 m	0 m
04	140 ft	6,624 ft	41.18	ASPHALT	0 ft	0 ft
	43 m	2,019 m	39.14		0 m	0 m
22	140 ft	6,624 ft	221.20	ASPHALT	0 ft	0 ft
	43 m	2,019 m	219.15		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	KAG	110.55 MHz	18 nm 33 km	- -	-	-11 ft -11 m
18R	DME	VPB	110.10 MHz	18 nm 33 km	- -	-	-11 ft -11 m
22	DME	SCH	109.15 MHz	18 nm 33 km	- -	-	-11 ft -11 m
27	DME	BVB	111.55 MHz	18 nm 33 km	- -	-	-11 ft -11 m
36C	DME	MSA	108.75 MHz	18 nm 33 km	- -	-	-11 ft -11 m
36R	DME	ABA	111.95 MHz	18 nm 33 km	- -	-	-11 ft -11 m
06	LOC-ILS	KAG	110.55 MHz	18 nm 33 km	57.88 55.83	-	-11 ft -11 m
18C	LOC-ILS	ZWA	109.50 MHz	18 nm 33 km	183.22 181.17	-	-11 ft -11 m
18R	LOC-ILS	VPB	110.10 MHz	18 nm 33 km	183.19 181.14	-	-11 ft -11 m
22	LOC-ILS	SCH	109.15 MHz	18 nm 33 km	221.20 219.15	-	-11 ft -11 m
27	LOC-ILS	BVB	111.55 MHz	18 nm 33 km	266.79 264.74	-	-11 ft -11 m
36C	LOC-ILS	MSA	108.75 MHz	18 nm 33 km	3.22 1.17	-	-11 ft -11 m
36R	LOC-ILS	ABA	111.95 MHz	18 nm 33 km	3.24 1.19	-	-11 ft -11 m
06	GS	KAG	110.55 MHz	10 nm 19 km	57.88 55.83	3.00	-11 ft -11 m
18C	GS	ZWA	109.50 MHz	10 nm 19 km	183.22 181.17	3.00	-11 ft -11 m
18R	GS	VPB	110.10 MHz	10 nm 19 km	183.19 181.14	3.00	-11 ft -11 m
22	GS	SCH	109.15 MHz	10 nm 19 km	221.20 219.15	3.00	-11 ft -11 m
27	GS	BVB	111.55 MHz	10 nm 19 km	266.79 264.74	3.00	-11 ft -11 m
36C	GS	MSA	108.75 MHz	10 nm 19 km	3.22 1.17	3.00	-11 ft -11 m
36R	GS	ABA	111.95 MHz	10 nm 19 km	3.24 1.19	3.00	-11 ft -11 m