

EHAM

Amsterdam Schiphol

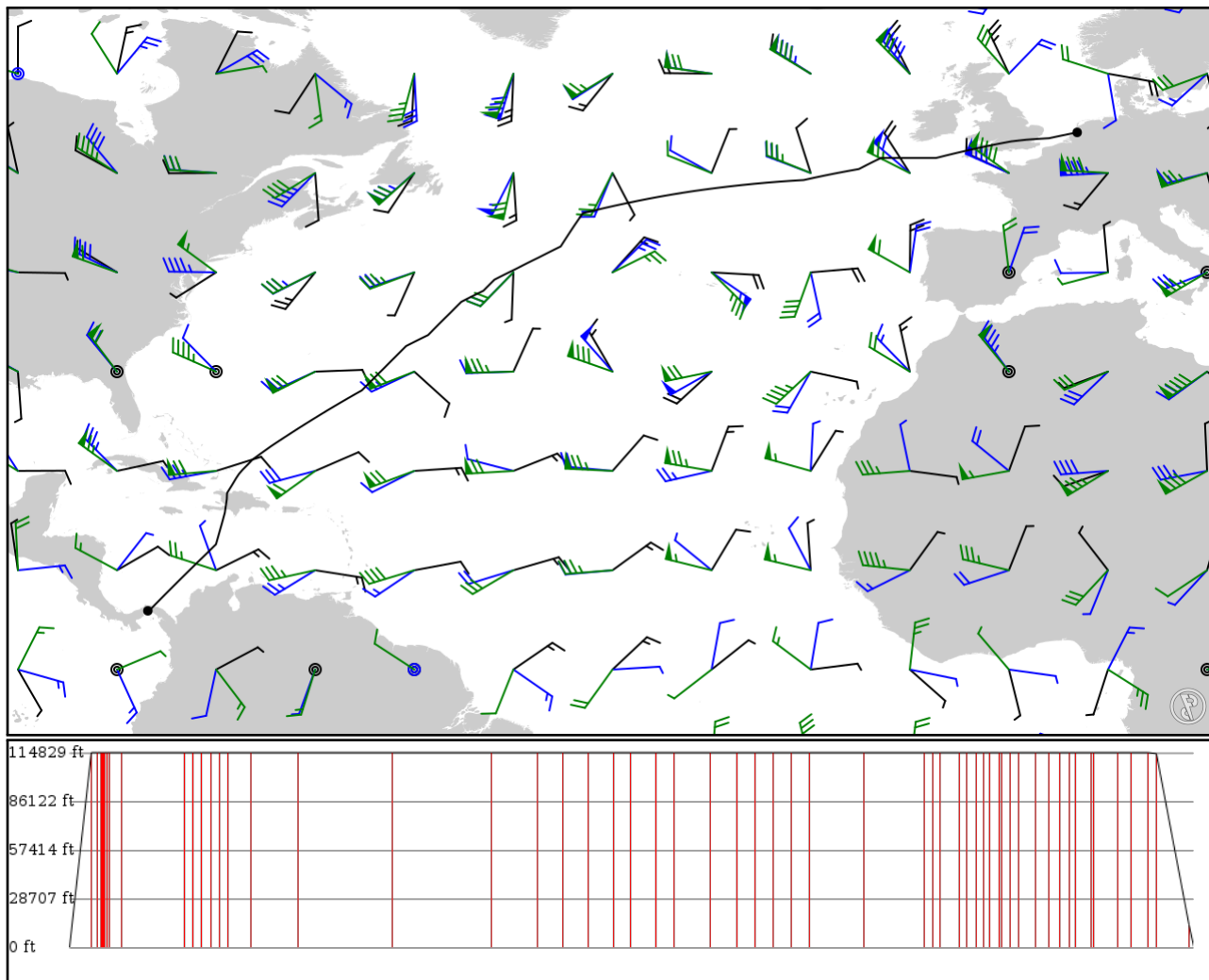
MPTO

Tocumen Intl

2024/05/18 0135Z

EHAM XAMAN **UL980** LAM **UL179** CPT **UM197** GAPLI 5000N0900W 5000N01000W 5000N01100W 5000N01200W
5000N01300W BEDRA **G 45/40** 4200N04200W 4100N04400W 4000N04600W 3900N04800W 3800N04900W 3700N05100W
3600N05200W 3400N05400W 3300N05600W 3200N05700W 3100N05800W 3000N05900W AMENO **M594** CERDA **A554**
GTK GTK **G444** BOTES **UG444** LIDOL **A319** OROSA **UA319** ERIKO **A319** SIPOK **UA319** AGUJA **A319** PANIL MPTO

4900.78 nm / 9076.25 km



Notes

Using NAT tracks from 4/7/2022

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
EHAM APT	-	52.30810 4.76417	0 ft 0 m	-	Amsterdam Schiphol
XAMAN FIX	-	51.78470 2.22417	35,000 ft 10,668 m	98	-
LOGAN FIX	UL980 AWY-HI	51.74760 1.61183	35,000 ft 10,668 m	22	-
TRIPO FIX	UL980 AWY-HI	51.71310 1.08278	35,000 ft 10,668 m	19	-
SABER FIX	UL980 AWY-HI	51.70380 0.94950	35,000 ft 10,668 m	4	-
LIVSU FIX	UL980 AWY-HI	51.69690 0.84944	35,000 ft 10,668 m	3	-
MANGO FIX	UL980 AWY-HI	51.69280 0.79056	35,000 ft 10,668 m	2	-
BRASO FIX	UL980 AWY-HI	51.68530 0.68333	35,000 ft 10,668 m	4	-
WESUL FIX	UL980 AWY-HI	51.67080 0.48583	35,000 ft 10,668 m	7	-
LAM VOR	UL980 AWY-HI	51.64600 0.15170	35,000 ft 10,668 m	12	LAMBOURNE
CPT VOR	UL179 AWY-HI	51.49160 -1.21969	35,000 ft 10,668 m	52	COMPTON
GAPLI FIX	UM197 AWY-HI	50.00000 -8.00000	35,000 ft 10,668 m	272	-
5000N0900W LATLON	-	50.00000 -9.00000	35,000 ft 10,668 m	38	-
5000N01000W LATLON	-	50.00000 -10.00000	35,000 ft 10,668 m	38	-
5000N01100W LATLON	-	50.00000 -11.00000	35,000 ft 10,668 m	38	-
5000N01200W LATLON	-	50.00000 -12.00000	35,000 ft 10,668 m	38	-
5000N01300W LATLON	-	50.00000 -13.00000	35,000 ft 10,668 m	38	-
BEDRA FIX	-	49.00000 -15.00000	35,000 ft 10,668 m	98	-
48/20 LATLON	G NAT	48.00000 -20.00000	35,000 ft 10,668 m	207	-
47/30 LATLON	G NAT	47.00000 -30.00000	35,000 ft 10,668 m	409	-
45/40 LATLON	G NAT	45.00000 -40.00000	35,000 ft 10,668 m	433	-
4200N04200W LATLON	-	42.00000 -42.00000	35,000 ft 10,668 m	200	-
4100N04400W LATLON	-	41.00000 -44.00000	35,000 ft 10,668 m	108	-
4000N04600W LATLON	-	40.00000 -46.00000	35,000 ft 10,668 m	109	-
3900N04800W LATLON	-	39.00000 -48.00000	35,000 ft 10,668 m	110	-
3800N04900W LATLON	-	38.00000 -49.00000	35,000 ft 10,668 m	76	-
3700N05100W	-	37.00000	35,000 ft	112	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-51.00000	10,668 m		
3600N05200W	-	36.00000	35,000 ft	77	-
LATLON	-	-52.00000	10,668 m		
3400N05400W	-	34.00000	35,000 ft	155	-
LATLON	-	-54.00000	10,668 m		
3300N05600W	-	33.00000	35,000 ft	116	-
LATLON	-	-56.00000	10,668 m		
3200N05700W	-	32.00000	35,000 ft	78	-
LATLON	-	-57.00000	10,668 m		
3100N05800W	-	31.00000	35,000 ft	78	-
LATLON	-	-58.00000	10,668 m		
3000N05900W	-	30.00000	35,000 ft	79	-
LATLON	-	-59.00000	10,668 m		
AMENO	-	29.00000	35,000 ft	79	-
FIX	-	-60.00000	10,668 m		
KOZIK	M594	26.80740	35,000 ft	238	-
FIX	AWY-HI	-63.75050	10,668 m		
MCOOP	M594	24.27070	35,000 ft	264	-
FIX	AWY-HI	-67.74410	10,668 m		
MLLER	M594	23.93470	35,000 ft	34	-
FIX	AWY-HI	-68.24890	10,668 m		
MNDEZ	M594	23.58110	35,000 ft	34	-
FIX	AWY-HI	-68.74630	10,668 m		
CERDA	M594	22.74540	35,000 ft	81	-
FIX	AWY-HI	-69.90250	10,668 m		
EYSEL	A554	22.33930	35,000 ft	32	-
FIX	AWY-HI	-70.28930	10,668 m		
NETTA	A554	21.82310	35,000 ft	42	-
FIX	AWY-HI	-70.80310	10,668 m		
GTK	A554	21.44070	35,000 ft	29	GRAND TURK VORTAC
DME	AWY-HI	-71.13440	10,668 m		
GTK	-	21.44000	35,000 ft	0	GRAND TURK
VOR	-	-71.13500	10,668 m		
SAAKO	G444	21.06100	35,000 ft	26	-
FIX	AWY-HI	-71.38910	10,668 m		
BOTES	G444	20.41670	35,000 ft	44	-
FIX	AWY-LO	-71.77500	10,668 m		
TUMAR	UG444	20.26830	35,000 ft	10	-
FIX	AWY-HI	-71.86670	10,668 m		
HCN	UG444	19.71530	35,000 ft	38	CAP HAITIEN
VOR	AWY-HI	-72.21000	10,668 m		
SEDET	UG444	19.15830	35,000 ft	33	-
FIX	AWY-HI	-72.23170	10,668 m		
KOBEX	UG444	17.94000	35,000 ft	73	-
FIX	AWY-HI	-72.41170	10,668 m		
LENOM	UG444	17.00000	35,000 ft	58	-
FIX	AWY-HI	-72.67000	10,668 m		
IKMAG	UG444	16.25170	35,000 ft	46	-
FIX	AWY-HI	-72.88500	10,668 m		
MAXIN	UG444	15.55330	35,000 ft	43	-
FIX	AWY-HI	-73.08330	10,668 m		
LIDOL	UG444	15.08260	35,000 ft	29	-
FIX	AWY-HI	-73.21640	10,668 m		
OROSA	A319	14.31170	35,000 ft	64	-
FIX	AWY-LO	-74.00000	10,668 m		
ERIKO	UA319	14.16690	35,000 ft	12	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-74.15030	10,668 m		
SIPOK	A319	12.93530	35,000 ft	104	-
FIX	AWY-LO	-75.41940	10,668 m		
NESMO	UA319	12.27440	35,000 ft	55	-
FIX	AWY-HI	-76.09190	10,668 m		
ESKOR	UA319	11.37470	35,000 ft	75	-
FIX	AWY-HI	-77.00000	10,668 m		
AGUJA	UA319	10.95860	34,800 ft	35	-
FIX	AWY-HI	-77.41670	10,607 m		
PANIL	A319	9.24528	4,000 ft	143	-
FIX	AWY-LO	-79.11720	1,219 m		
MPTO	-	9.07140	0 ft	18	Tocumen Intl
APT	-	-79.38350	0 m		

EHAM

Region: NETHERLANDS
Timezone: EUROPE/AMSTERDAM
Runways: 6

Elevation: -11 ft / -3 m
Location: 52.308100 4.764170
Magnetic Var: 2.046 E

METAR

EHAM 180055Z 32005KT 6000 NSC 14/13 Q1009 NOSIG

TAF

TAF TAF EHAM 172316Z 1800/1906 32007KT 6000 NSC PROB30 1800/1806 3000 BR BECMG 1804/1806 CAVOK PROB30 TEMPO 1815/1

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	181.15		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

MPTO

Region: PANAMA
Timezone: AMERICA/PANAMA
Runways: 2

Elevation: 134 ft / 41 m
Location: 9.071400 -79.383500
Magnetic Var: 5.456 W

METAR

MPTO 180100Z VRB02KT 9999 SCT018 27/26 Q1010 NOSIG

TAF

TAF MPTO 172300Z 1800/1906 16006KT 9999 SCT018 TEMPO 1808/1812 VRB02KT TEMPO 1812/1815 06004KT PROB30 1818/1822 6

Frequencies

REC - 127.70 MHz - ATIS	TWR - 118.10 MHz - TOCUMEN TOWER
GND - 121.90 MHz - TOCUMEN GROUND	GND - 112.05 MHz - TOCUMEN GROUND
CLD - 129.80 MHz - CLEARANCE DELIVERY	APP - 121.20 MHz - PANAMA APPROACH
APP - 123.30 MHz - PANAMA APPROACH	APP - 119.70 MHz - PANAMA APPROACH
APP - 119.20 MHz - PANAMA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03R	148 ft	10,049 ft	29.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	34.78		0 m	0 m
21L	148 ft	10,049 ft	209.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	214.79		0 m	0 m
03L	148 ft	8,832 ft	30.67	ASPHALT	814 ft	0 ft
	45 m	2,692 m	36.13		248 m	0 m
21R	148 ft	8,832 ft	210.67	ASPHALT	0 ft	0 ft
	45 m	2,692 m	216.13		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03R	DME	INAT	110.70 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
03R	LOC-ILS	INAT	110.70 MHz	18 nm	29.33	-	134 ft
				33 km	34.79		134 m
03R	GS	INAT	110.70 MHz	10 nm	29.33	3.00	134 ft
				19 km	34.79		134 m