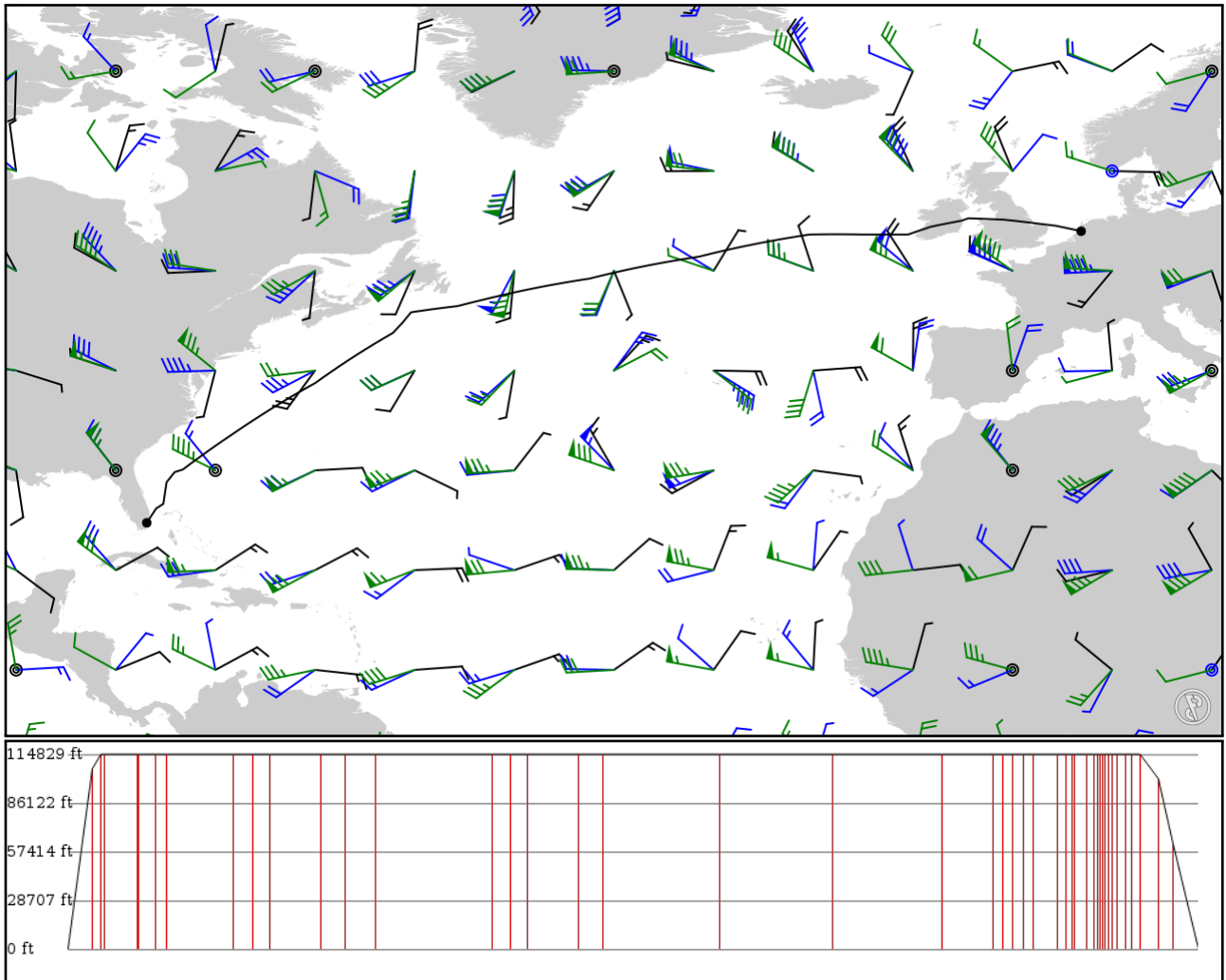


2024/04/28 0334Z

KMIA AMNDA **A699** RAMJT **AR18** ETECK **M202** LOMPI PEPRA **N89A** SUPRY **U** XETBO 5200N01300W 5200N01200W
5200N01100W SHA **W12** KLY **W10** LIFFY **UL975** WAL **M16** DOLAS **L603** ENITO EHAM

4112.63 nm / 7616.59 km



Notes

Using NAT tracks from 12/11/2023

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
KMIA	-	25.79620	0 ft	-	Miami Intl
APT	-	-80.28970	0 m		
AMNDA	-	27.10000	32,400 ft	90	-
FIX	-	-79.43640	9,876 m		
PERMT	A699	27.41420	35,000 ft	32	-
FIX	AWY-HI	-78.94730	10,668 m		
RAMJT	A699	27.52040	35,000 ft	10	-
FIX	AWY-HI	-78.78000	10,668 m		
ETECK	AR18	29.48570	35,000 ft	119	-
FIX	AWY-HI	-78.48730	10,668 m		
CANIT	M202	29.56250	35,000 ft	5	-
FIX	AWY-HI	-78.42580	10,668 m		
CARPX	M202	30.40800	35,000 ft	61	-
FIX	AWY-HI	-77.75000	10,668 m		
UKOKA	M202	30.64830	35,000 ft	41	-
FIX	AWY-HI	-77.00000	10,668 m		
OMALA	M202	33.24220	35,000 ft	240	-
FIX	AWY-HI	-73.39690	10,668 m		
ONGOT	M202	33.98180	35,000 ft	70	-
FIX	AWY-HI	-72.30170	10,668 m		
GOUGH	M202	34.66970	35,000 ft	65	-
FIX	AWY-HI	-71.28070	10,668 m		
KINER	M202	36.57420	35,000 ft	185	-
FIX	AWY-HI	-68.28740	10,668 m		
OVAPI	M202	37.45460	35,000 ft	88	-
FIX	AWY-HI	-66.80950	10,668 m		
MUNEY	M202	38.50000	35,000 ft	107	-
FIX	AWY-HI	-64.96440	10,668 m		
JEBBY	M202	43.07220	35,000 ft	423	-
FIX	AWY-HI	-57.86810	10,668 m		
LOMPI	M202	44.00000	35,000 ft	67	-
FIX	AWY-HI	-57.00000	10,668 m		
PEPRA	-	44.93720	35,000 ft	65	-
FIX	-	-56.23170	10,668 m		
SUPRY	N89A	45.50000	35,000 ft	182	-
FIX	AWY-HI	-52.00000	10,668 m		
46/50	U	46.00000	35,000 ft	89	-
LATLON	NAT	-50.00000	10,668 m		
48/40	U	48.00000	35,000 ft	426	-
LATLON	NAT	-40.00000	10,668 m		
50/30	U	50.00000	35,000 ft	411	-
LATLON	NAT	-30.00000	10,668 m		
52/20	U	52.00000	35,000 ft	396	-
LATLON	NAT	-20.00000	10,668 m		
LIMRI	U	52.00000	35,000 ft	184	-
FIX	NAT	-15.00000	10,668 m		
XETBO	U	52.00000	35,000 ft	36	-
FIX	NAT	-14.00000	10,668 m		
5200N01300W	-	52.00000	35,000 ft	36	-
LATLON	-	-13.00000	10,668 m		
5200N01200W	-	52.00000	35,000 ft	36	-
LATLON	-	-12.00000	10,668 m		
5200N01100W	-	52.00000	35,000 ft	36	-

Ident Type LATLON	Via	Lat Lon	Alt	Dist (nm)	Name
	-	-11.00000	10,668 m		
SHA	-	52.72100	35,000 ft	88	SHANNON
VOR	-	-8.88522	10,668 m		
TOMTO	W12	52.87360	35,000 ft	28	-
FIX	AWY-LO	-8.15144	10,668 m		
TORLU	W12	52.98780	35,000 ft	21	-
FIX	AWY-LO	-7.58306	10,668 m		
OSGAR	W12	53.04940	35,000 ft	11	-
FIX	AWY-LO	-7.27022	10,668 m		
KLY	W12	53.26960	35,000 ft	43	KILLINEY
NDB	AWY-LO	-6.10644	10,668 m		
LIFFY	W10	53.48010	35,000 ft	25	-
FIX	AWY-LO	-5.50000	10,668 m		
IDEXA	UL975	53.47060	35,000 ft	12	-
FIX	AWY-HI	-5.16417	10,668 m		
GINIS	UL975	53.46080	35,000 ft	10	-
FIX	AWY-HI	-4.85806	10,668 m		
NATKO	UL975	53.45330	35,000 ft	7	-
FIX	AWY-HI	-4.63528	10,668 m		
LYNAS	UL975	53.44250	35,000 ft	10	-
FIX	AWY-HI	-4.33333	10,668 m		
ROLEX	UL975	53.42830	35,000 ft	13	-
FIX	AWY-HI	-3.96778	10,668 m		
MALUD	UL975	53.41330	35,000 ft	12	-
FIX	AWY-HI	-3.60833	10,668 m		
WAL	UL975	53.39190	35,000 ft	17	WALLASEY
VOR	AWY-HI	-3.13446	10,668 m		
MCT	M16	53.35700	35,000 ft	31	MANCHESTER
VOR	AWY-HI	-2.26229	10,668 m		
XAPOS	M16	53.29140	35,000 ft	22	-
FIX	AWY-HI	-1.63083	10,668 m		
NAPEX	M16	53.20640	35,000 ft	28	-
FIX	AWY-HI	-0.86111	10,668 m		
DOLAS	M16	52.97860	30,600 ft	68	-
FIX	AWY-HI	1.00083	9,327 m		
ENITO	L603	52.80140	19,000 ft	54	-
FIX	AWY-HI	2.46750	5,791 m		
EHAM	-	52.30810	0 ft	88	Amsterdam Schiphol
APT	-	4.76417	0 m		

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.270 W

METAR

KMIA 280253Z 11013G27KT 10SM BKN027 BKN045 OVC250 24/18 A3015 RMK A02 PK WND 10027/0249 RAB05E14 SLP211 P0000 6000

TAF

KMIA 280252Z 2803/2906 10018G28KT P6SM SCT025 BKN035 BKN050 FM281500 10015G25KT P6SM SCT025 BKN050

Frequencies

REC - 119.15 MHz - D-ATIS
COM - 123.00 MHz - UNICOM
GND - 121.80 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH
DEP - 125.50 MHz - MIAMI DEPARTURE

REC - 133.67 MHz - D-ATIS
CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 127.50 MHz - MIAMI GROUND
TWR - 123.90 MHz - MIAMI TOWER
APP - 124.85 MHz - MIAMI APPROACH
DEP - 119.45 MHz - MIAMI DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	151 ft	13,027 ft	87.37	CONCRETE	1,371 ft	384 ft
	46 m	3,971 m	94.64		418 m	117 m
27	151 ft	13,027 ft	267.39	CONCRETE	276 ft	374 ft
	46 m	3,971 m	274.66		84 m	114 m
08R	200 ft	10,515 ft	87.38	CONCRETE	0 ft	407 ft
	61 m	3,205 m	94.65		0 m	124 m
26L	200 ft	10,515 ft	267.39	CONCRETE	0 ft	407 ft
	61 m	3,205 m	274.66		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.65		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.66		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.88		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.89		289 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IROY	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	DME	IMFA	110.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
12	DME	IGEM	108.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
26L	DME	IVIN	109.10 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
26R	DME	ICNV	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.87		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.87		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.63		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.63		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.87		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.87		4 m

EHAM

Region: NETHERLANDS
Timezone: EUROPE/AMSTERDAM
Runways: 6

Elevation: -11 ft / -3 m
Location: 52.308100 4.764170
Magnetic Var: 2.038 E

METAR

EHAM 280255Z 14013KT 110V170 CAVOK 14/08 Q1001 NOSIG

TAF

TAF EHAM 272254Z 2800/2906 14012KT CAVOK BECMG 2806/2809 18020KT BECMG 2809/2811 19024G34KT PROB30 TEMPO 2810/2811 18020KT

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	84.74		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	1.20		0 m	0 m
18C	145 ft	10,813 ft	183.22	ASPHALT	0 ft	0 ft
	44 m	3,296 m	181.18		0 m	0 m
36C	145 ft	10,813 ft	3.22	ASPHALT	1,473 ft	0 ft
	44 m	3,296 m	1.18		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	1.15		0 m	0 m
06	150 ft	11,288 ft	57.85	ASPHALT	814 ft	0 ft
	46 m	3,441 m	55.82		248 m	0 m
24	150 ft	11,288 ft	237.89	ASPHALT	0 ft	0 ft
	46 m	3,441 m	235.85		0 m	0 m
04	140 ft	6,624 ft	41.18	ASPHALT	0 ft	0 ft
	43 m	2,019 m	39.15		0 m	0 m
22	140 ft	6,624 ft	221.20	ASPHALT	0 ft	0 ft
	43 m	2,019 m	219.16		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 55.84	-	-11 ft -11 m
18C	LOC-ILS	ZWA	109.50 MHz	18 nm 33 km	183.22 181.18	-	-11 ft -11 m
18R	LOC-ILS	VPB	110.10 MHz	18 nm 33 km	183.19 181.15	-	-11 ft -11 m
22	LOC-ILS	SCH	109.15 MHz	18 nm 33 km	221.20 219.16	-	-11 ft -11 m
27	LOC-ILS	BVB	111.55 MHz	18 nm 33 km	266.79 264.75	-	-11 ft -11 m
36C	LOC-ILS	MSA	108.75 MHz	18 nm 33 km	3.22 1.18	-	-11 ft -11 m
36R	LOC-ILS	ABA	111.95 MHz	18 nm 33 km	3.24 1.20	-	-11 ft -11 m
06	GS	KAG	110.55 MHz	10 nm 19 km	57.88 55.84	3.00	-11 ft -11 m
18C	GS	ZWA	109.50 MHz	10 nm 19 km	183.22 181.18	3.00	-11 ft -11 m
18R	GS	VPB	110.10 MHz	10 nm 19 km	183.19 181.15	3.00	-11 ft -11 m
22	GS	SCH	109.15 MHz	10 nm 19 km	221.20 219.16	3.00	-11 ft -11 m
27	GS	BVB	111.55 MHz	10 nm 19 km	266.79 264.75	3.00	-11 ft -11 m
36C	GS	MSA	108.75 MHz	10 nm 19 km	3.22 1.18	3.00	-11 ft -11 m
36R	GS	ABA	111.95 MHz	10 nm 19 km	3.24 1.20	3.00	-11 ft -11 m