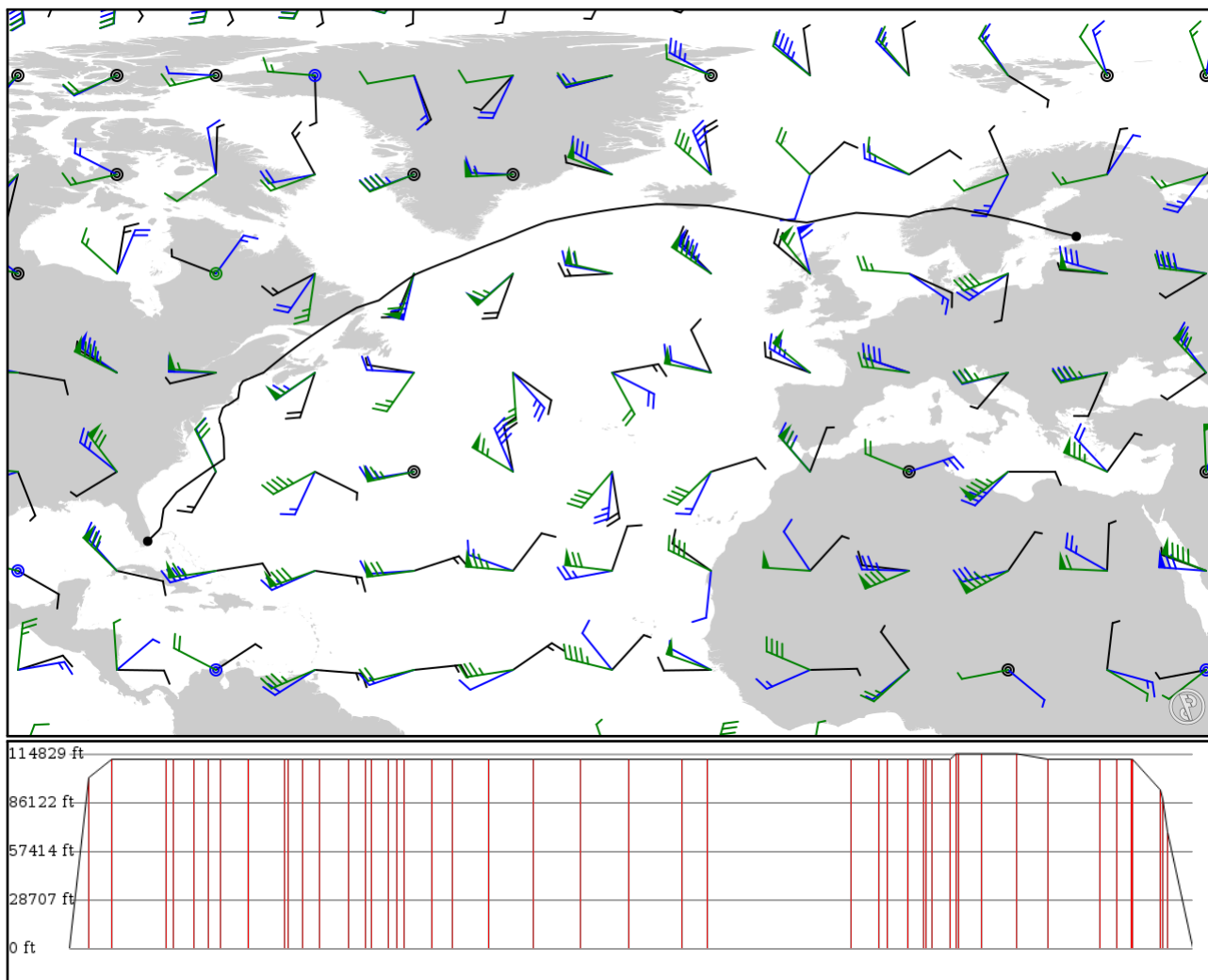


2024/05/06 1813Z

EFHK ATRIV **UP855** TRM **UZ10** VIG **UP608** ISVIG 6200N0500W CONNY **G3** KEF **5E20** 6330N 6200N03500W
6000N04000W 5800N04500W 5600N05000W CARPE **5E16** REDBY **N135B** EBONY **J573** SEAER AWWUM **J79** LFV **J150**
MONTT **J62** CUTOX FLUTE ANNGO **A300** CHAMP **A554** KATHY **A700** ETECK **AR18** WOLFO BENZI KMIA

4720.79 nm / 8742.91 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: no
- Use PACOTS: yes
- Use low airways: no

- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EFHK APT	-	60.32057 24.95267	0 ft 0 m	-	Helsinki Vantaa
ATRIV FIX	-	60.95000 22.33000	30,700 ft 9,357 m	85	-
TOGMI FIX	UP855 AWY-HI	61.76194 19.54028	34,000 ft 10,363 m	93	-
SOLKA FIX	UP855 AWY-HI	63.33083 12.05250	34,000 ft 10,363 m	227	-
TRM VOR	UP855 AWY-HI	63.52587 10.89007	34,000 ft 10,363 m	33	TRONDHEIM VOR-DME
KVB VOR	UZ10 AWY-HI	63.11813 7.81054	34,000 ft 10,363 m	86	KVERNBERGET VOR-DME
VIG VOR	UZ10 AWY-HI	62.55207 6.03442	34,000 ft 10,363 m	59	VIGRA VOR-DME
NALIB FIX	UP608 AWY-HI	62.70889 4.29889	34,000 ft 10,363 m	48	-
ISVIG FIX	UP608 AWY-HI	63.00000 0.00000	34,000 ft 10,363 m	119	-
6200N0500W LATLON	-	62.00000 -5.00000	34,000 ft 10,363 m	151	-
CONNY FIX	-	61.90000 -5.58333	34,000 ft 10,363 m	17	-
MY NDB	G3 AWY-HI	62.10694 -7.58778	34,000 ft 10,363 m	57	MYGGENES NDB
LINDA FIX	G3 AWY-HI	62.62167 -10.00000	34,000 ft 10,363 m	73	-
ROSTI FIX	G3 AWY-HI	63.40639 -14.11222	34,000 ft 10,363 m	121	-
ING VOR	G3 AWY-HI	63.80306 -16.63806	34,000 ft 10,363 m	71	INGO VOR-DME
MIKLA FIX	G3 AWY-HI	63.84833 -17.57417	34,000 ft 10,363 m	24	-
SKARD FIX	G3 AWY-HI	63.94278 -20.20500	34,000 ft 10,363 m	69	-
METIL FIX	G3 AWY-HI	63.97194 -21.52611	34,000 ft 10,363 m	34	-
KEF VOR	G3 AWY-HI	63.98681 -22.61450	34,000 ft 10,363 m	28	KEFLAVIK VORTAC
EMBLA FIX	5E20 AWY-HI	63.47000 -26.98167	34,000 ft 10,363 m	120	-
6330N FIX	5E20 AWY-HI	63.00000 -30.00000	34,000 ft 10,363 m	86	-
6200N03500W LATLON	-	62.00000 -35.00000	34,000 ft 10,363 m	151	-
6000N04000W LATLON	-	60.00000 -40.00000	34,000 ft 10,363 m	188	-
5800N04500W LATLON	-	58.00000 -45.00000	34,000 ft 10,363 m	195	-
5600N05000W LATLON	-	56.00000 -50.00000	34,000 ft 10,363 m	202	-
CARPE FIX	-	53.08333 -54.08333	34,000 ft 10,363 m	225	-
REDBY	5E16	52.24944	34,000 ft	104	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-56.60166	10,363 m		
EBONY	N135B	44.90241	34,000 ft	607	-
FIX	AWY-HI	-67.15657	10,363 m		
SEAER	J573	43.92455	34,000 ft	116	-
FIX	AWY-HI	-69.49180	10,363 m		
AWNUM	-	43.39538	34,000 ft	35	-
FIX	-	-69.83865	10,363 m		
LFV	J79	42.01719	34,000 ft	83	MARCONI VOR-DME
VOR	AWY-HI	-70.03722	10,363 m		
OFTUR	J150	41.25303	34,000 ft	67	-
FIX	AWY-HI	-71.14319	10,363 m		
MONTT	J150	41.18166	34,000 ft	12	-
FIX	AWY-HI	-71.39851	10,363 m		
CUTOX	J62	40.88147	34,000 ft	25	-
FIX	AWY-HI	-71.78663	10,363 m		
FLUTE	-	39.70015	34,000 ft	73	-
FIX	-	-72.18767	10,363 m		
ANNGO	-	39.21861	35,000 ft	28	-
FIX	-	-72.14778	10,668 m		
BERGH	A300	39.13246	35,000 ft	6	-
FIX	AWY-HI	-72.05158	10,668 m		
CHAMP	A300	37.51683	35,000 ft	98	-
FIX	AWY-HI	-71.68281	10,668 m		
KATHY	A554	35.12033	35,000 ft	143	-
FIX	AWY-HI	-71.61501	10,668 m		
FAIRR	A700	33.73101	34,000 ft	132	-
FIX	AWY-HI	-73.68487	10,363 m		
JAINS	A700	31.35557	34,000 ft	220	-
FIX	AWY-HI	-77.00004	10,363 m		
CARPS	A700	30.40800	34,000 ft	68	-
FIX	AWY-HI	-77.75017	10,363 m		
CANIT	A700	29.56251	34,000 ft	61	-
FIX	AWY-HI	-78.42585	10,363 m		
ETECK	A700	29.48567	34,000 ft	5	-
FIX	AWY-HI	-78.48727	10,363 m		
RAMJT	AR18	27.52044	28,500 ft	119	-
FIX	AWY-HI	-78.78000	8,687 m		
WOLFO	AR18	27.40234	26,900 ft	7	-
FIX	AWY-HI	-78.79724	8,199 m		
BENZI	-	27.06364	20,900 ft	23	-
FIX	-	-79.01488	6,370 m		
KMIA	-	25.79617	0 ft	102	Miami Intl
APT	-	-80.28974	0 m		

EFHK

Region: FINLAND

Timezone: EUROPE/HELSINKI

Runways: 3

Elevation: 180 ft / 55 m

Location: 60.320400 24.952200

Magnetic Var: 9.960 E

METAR

EFHK 061750Z 12006KT 100V170 9999 FEW048 05/M05 Q1014 NOSIG

TAF

TAF TAF EFHK 061736Z 0618/0718 09006KT 9999 FEW045 BECMG 0706/0708 36010KT

Frequencies

REC - 135.07 MHz - ATIS ARRIVAL

TWR - 119.70 MHz - HELSINKI TOWER

TWR - 118.60 MHz - HELSINKI TOWER

GND - 118.12 MHz - HELSINKI GROUND

APP - 119.10 MHz - HELSINKI RADAR APPROACH

APP - 119.70 MHz - HELSINKI RADAR APPROACH

APP - 119.90 MHz - HELSINKI ARRIVAL

REC - 114.20 MHz - ATIS DEPARTURE

TWR - 118.85 MHz - HELSINKI TOWER

GND - 121.80 MHz - HELSINKI GROUND

GND - 121.65 MHz - HELSINKI RAMP/TAXI

APP - 129.85 MHz - HELSINKI RADAR APPROACH

APP - 124.32 MHz - HELSINKI ARRIVAL

GND - 127.02 MHz - HELSINKI DE-ICING

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04R	197 ft	11,459 ft	47.48	ASPHALT	978 ft	210 ft
	60 m	3,493 m	37.52		298 m	64 m
22L	197 ft	11,459 ft	227.52	ASPHALT	0 ft	207 ft
	60 m	3,493 m	217.56		0 m	63 m
04L	197 ft	10,047 ft	47.42	ASPHALT	0 ft	236 ft
	60 m	3,062 m	37.46		0 m	72 m
22R	197 ft	10,047 ft	227.46	ASPHALT	253 ft	177 ft
	60 m	3,062 m	217.50		77 m	54 m
15	197 ft	9,497 ft	153.07	ASPHALT	0 ft	194 ft
	60 m	2,895 m	143.11		0 m	59 m
33	197 ft	9,497 ft	333.09	ASPHALT	0 ft	197 ft
	60 m	2,895 m	323.13		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	HTV	111.90 MHz	18 nm	-	-	165 ft
				33 km	-		165 m
04R	DME	HG	111.50 MHz	18 nm	-	-	206 ft
				33 km	-		206 m
15	DME	HL	109.10 MHz	18 nm	-	-	220 ft
				33 km	-		220 m
22L	DME	HK	110.30 MHz	18 nm	-	-	205 ft
				33 km	-		205 m
22R	DME	HUO	110.70 MHz	18 nm	-	-	207 ft
				33 km	-		207 m
04L	LOC-ILS	HTV	111.90 MHz	18 nm	47.45	-	180 ft
				33 km	37.49		180 m
04R	LOC-ILS	HG	111.50 MHz	18 nm	47.51	-	180 ft
				33 km	37.55		180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	LOC-ILS	HL	109.10 MHz	18 nm	153.08	-	180 ft
				33 km	143.12		180 m
22L	LOC-ILS	HK	110.30 MHz	18 nm	227.51	-	180 ft
				33 km	217.55		180 m
22R	LOC-ILS	HUO	110.70 MHz	18 nm	227.45	-	180 ft
				33 km	217.49		180 m
04L	GS	HTV	111.90 MHz	10 nm	47.45	3.00	180 ft
				19 km	37.49		180 m
04R	GS	HG	111.50 MHz	10 nm	47.51	3.00	180 ft
				19 km	37.55		180 m
15	GS	HL	109.10 MHz	10 nm	153.08	3.00	180 ft
				19 km	143.12		180 m
22L	GS	HK	110.30 MHz	10 nm	227.51	3.00	180 ft
				19 km	217.55		180 m
22R	GS	HUO	110.70 MHz	10 nm	227.45	3.00	180 ft
				19 km	217.49		180 m

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.272 W

METAR

KMIA 061753Z 12010KT 10SM FEW028 SCT043 BKN060 28/21 A3002 RMK A02 SLP165 60000 T02830211 10294 20256 57009 \$

TAF

KMIA 061724Z 0618/0724 11012G20KT P6SM SCT025 BKN050 FM070200 11010KT P6SM SCT040 SCT250 FM070800 VRB04KT P6SM FE

Frequencies

REC - 119.15 MHz - D-ATIS	REC - 133.67 MHz - D-ATIS
COM - 123.00 MHz - UNICOM	CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - MIAMI GROUND	GND - 127.50 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER	TWR - 123.90 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH	APP - 124.85 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH	DEP - 119.45 MHz - MIAMI DEPARTURE
DEP - 125.50 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