

TNCM

St Maarten - Princess Juliana Intl

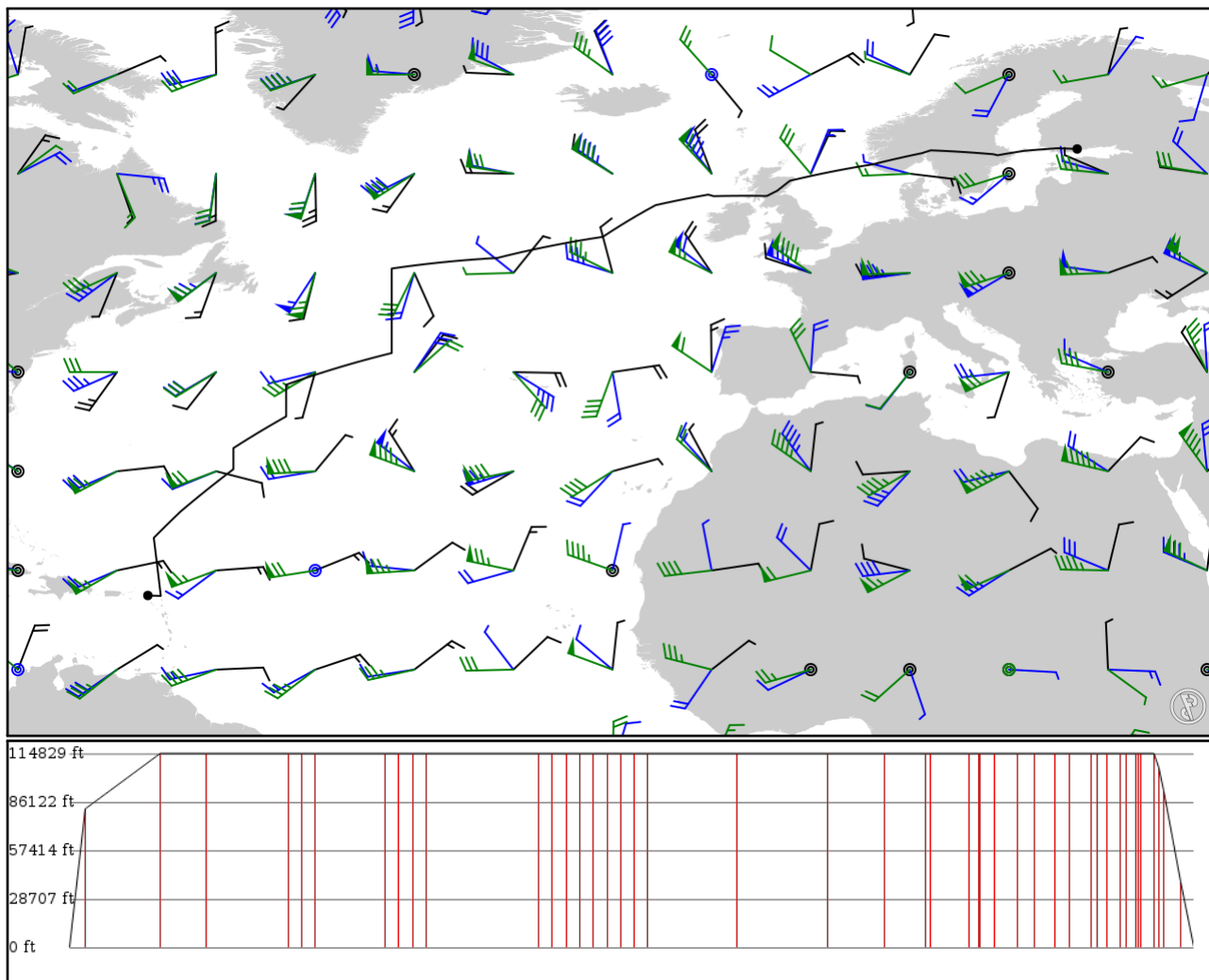
EFHK

Helsinki Vantaa

2024/05/16 0840Z

TNCM TOTEM **A632** PISAX 2600N06000W 3000N05500W 3100N05500W 3200N05500W 3500N05000W 3600N05000W
3700N05000W Z +41.000_--40.000 4200N04000W 4300N04000W 4400N04000W 4500N04000W 4600N04000W
4700N04000W +48.000_--40.000 +49.000_--40.000 R +52.000_--20.000 5500N01500W MIMKU **N562D** MORAG
UN563 GOW FINDO PTH **UP600** ZOL **P600** GRM **P607** LINS **A873** TUNUS EFHK

4952.93 nm / 9172.82 km



Notes

Using NAT tracks from 14/10/2017

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 273kts
- Cruise Altitude: 37000ft
- Cruise Speed: 566kts
- Descent Rate: 2500ft/min
- Descent Speed: 273kts

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
TNCM	-	18.04089	0 ft	-	St Maarten - Princess Juliana Intl
APT	-	-63.10897	0 m		
TOTEM	-	18.00000	25,000 ft	70	-
FIX	-	-61.88367	7,620 m		
PISAX	A632	23.50000	35,000 ft	332	-
FIX	AWY-LO	-62.54664	10,668 m		
2600N06000W	-	26.00000	35,000 ft	204	-
LATLON	-	-60.00000	10,668 m		
3000N05500W	-	30.00000	35,000 ft	357	-
LATLON	-	-55.00000	10,668 m		
3100N05500W	-	31.00000	35,000 ft	60	-
LATLON	-	-55.00000	10,668 m		
3200N05500W	-	32.00000	35,000 ft	60	-
LATLON	-	-55.00000	10,668 m		
3500N05000W	-	35.00000	35,000 ft	308	-
LATLON	-	-50.00000	10,668 m		
3600N05000W	-	36.00000	35,000 ft	60	-
LATLON	-	-50.00000	10,668 m		
3700N05000W	-	37.00000	35,000 ft	60	-
LATLON	-	-50.00000	10,668 m		
+38.000_--50.000	Z	38.00000	35,000 ft	60	-
LATLON	NAT	-50.00000	10,668 m		
+41.000_--40.000	Z	41.00000	35,000 ft	496	-
LATLON	NAT	-40.00000	10,668 m		
4200N04000W	-	42.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
4300N04000W	-	43.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
4400N04000W	-	44.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
4500N04000W	-	45.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
4600N04000W	-	46.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
4700N04000W	-	47.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
+48.000_--40.000	-	48.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
+49.000_--40.000	-	49.00000	35,000 ft	60	-
LATLON	-	-40.00000	10,668 m		
+50.000_--30.000	R	50.00000	35,000 ft	394	-
LATLON	NAT	-30.00000	10,668 m		
+52.000_--20.000	R	52.00000	35,000 ft	396	-
LATLON	NAT	-20.00000	10,668 m		
5500N01500W	-	55.00000	35,000 ft	253	-
LATLON	-	-15.00000	10,668 m		
MIMKU	-	56.00000	35,000 ft	180	-
FIX	-	-10.00000	10,668 m		
MORAG	N562D	55.85361	35,000 ft	18	-
FIX	AWY-LO	-9.50000	10,668 m		
GOW	UN563	55.87050	35,000 ft	170	GLASGOW VOR-DME
VOR	AWY-HI	-4.44573	10,668 m		
FINDO	-	56.36917	35,000 ft	44	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-3.46361	10,668 m		
PTH	-	56.44250	35,000 ft	5	PERTH VOR
VOR	-	-3.36861	10,668 m		
ADN	UP600	57.31056	35,000 ft	63	ABERDEEN VOR-DME
VOR	AWY-HI	-2.26722	10,668 m		
FORTY	UP600	57.95000	35,000 ft	99	-
FIX	AWY-HI	0.59583	10,668 m		
KLONN	UP600	58.39000	35,000 ft	75	-
FIX	AWY-HI	2.82889	10,668 m		
ZOL	UP600	58.87506	35,000 ft	92	SOLA VOR-DME
VOR	AWY-HI	5.64015	10,668 m		
SOTIR	P600	59.32639	35,000 ft	63	-
FIX	AWY-LO	7.50000	10,668 m		
TRF	P600	59.92918	35,000 ft	91	TYRIFJORD NDB
NDB	AWY-LO	10.26931	10,668 m		
GRM	P600	60.19176	35,000 ft	28	GARDERMOEN VOR-DME
VOR	AWY-LO	11.07442	10,668 m		
SUTOK	P607	60.12750	35,000 ft	43	-
FIX	AWY-LO	12.51278	10,668 m		
MEGEN	P607	60.01833	35,000 ft	57	-
FIX	AWY-LO	14.40856	10,668 m		
DEMOR	P607	59.96125	35,000 ft	25	-
FIX	AWY-LO	15.24542	10,668 m		
NARIT	P607	59.84561	35,000 ft	45	-
FIX	AWY-LO	16.73906	10,668 m		
ELTOK	P607	59.82444	35,000 ft	7	-
FIX	AWY-LO	17.00000	10,668 m		
LINSA	P607	59.72453	35,000 ft	13	-
FIX	AWY-LO	17.41169	10,668 m		
DODAM	N873	60.04444	35,000 ft	60	-
FIX	AWY-LO	19.30167	10,668 m		
MAR	N873	60.14099	32,400 ft	19	MARIE VOR-DME
VOR	AWY-LO	19.91443	9,876 m		
BUKOT	N873	60.19611	28,300 ft	18	-
FIX	AWY-LO	20.54056	8,626 m		
TUNUS	N873	60.38861	11,900 ft	76	-
FIX	AWY-LO	23.08639	3,627 m		
EFHK	-	60.32057	0 ft	55	Helsinki Vantaa
APT	-	24.95267	0 m		

EFHK

Region: FINLAND
Timezone: EUROPE/HELSINKI
Runways: 3

Elevation: 180 ft / 55 m
Location: 60.320400 24.952200
Magnetic Var: 9.964 E

METAR

EFHK 160820Z 28013KT CAVOK 22/05 Q1022 NOSIG

TAF

TAF TAF EFHK 160526Z 1606/1706 25005KT CAVOK BECMG 1612/1615 31010KT

Frequencies

REC - 135.07 MHz - ATIS ARRIVAL	REC - 114.20 MHz - ATIS DEPARTURE
TWR - 119.70 MHz - HELSINKI TOWER	TWR - 118.85 MHz - HELSINKI TOWER
TWR - 118.60 MHz - HELSINKI TOWER	GND - 121.80 MHz - HELSINKI GROUND
GND - 118.12 MHz - HELSINKI GROUND	GND - 121.65 MHz - HELSINKI RAMP/TAXI
APP - 119.10 MHz - HELSINKI RADAR APPROACH	APP - 129.85 MHz - HELSINKI RADAR APPROACH
APP - 119.70 MHz - HELSINKI RADAR APPROACH	APP - 124.32 MHz - HELSINKI ARRIVAL
APP - 119.90 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	143.10		0 m	59 m
33	197 ft	9,497 ft	333.09	ASPHALT	0 ft	197 ft
	60 m	2,895 m	323.12		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