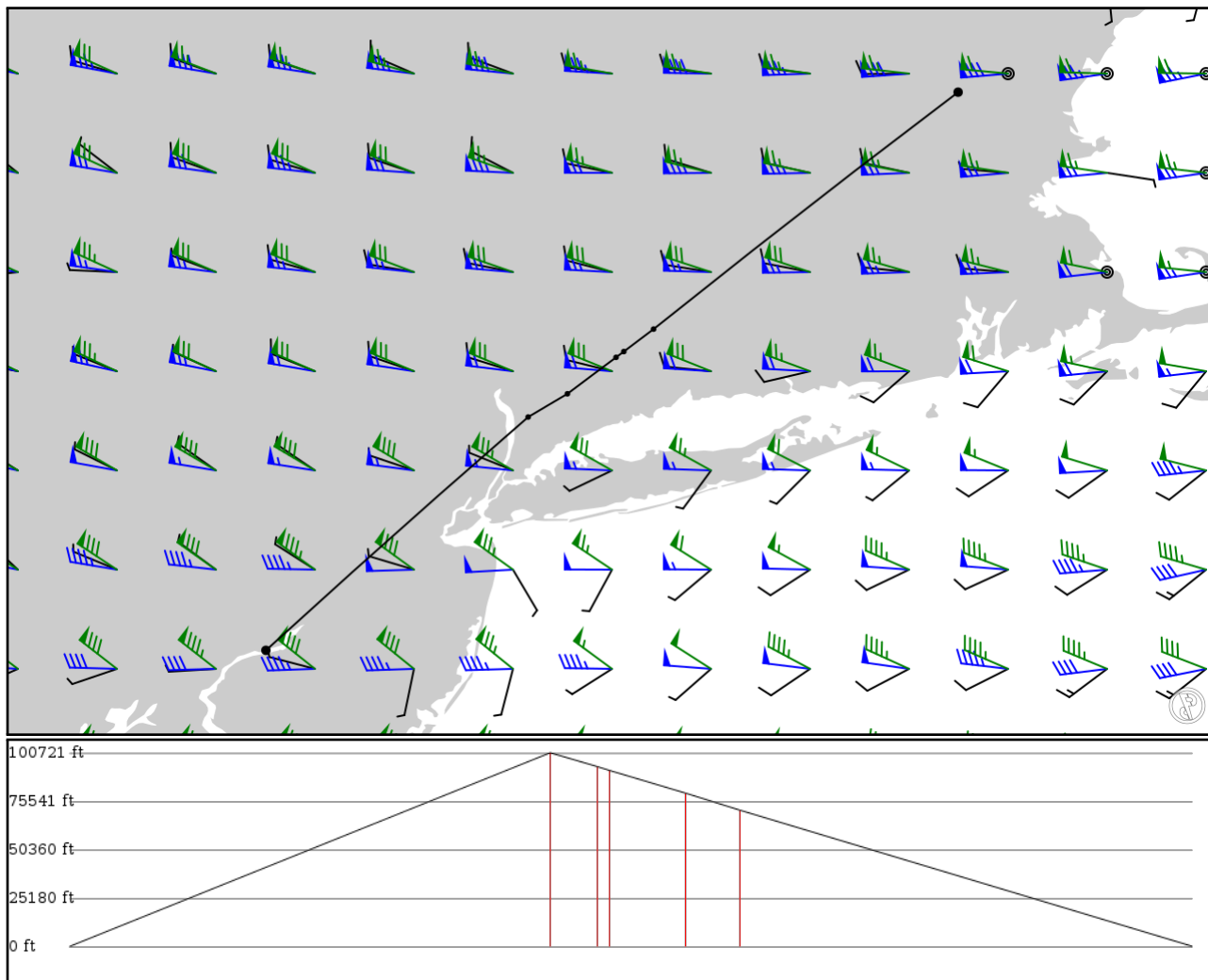


2024/05/05 0909Z

KMHT JUDDS **V419** SOARS **V39** GREKI **J75** DUEYS KPHL

251.29 nm / 465.38 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: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KMHT APT	-	42.93310 -71.43610	0 ft 0 m	-	Manchester Airport
JUDDS FIX	-	41.63470 -73.10820	30,700 ft 9,357 m	107	-
SOARS FIX	V419 AWY-LO	41.51170 -73.27160	28,500 ft 8,687 m	10	-
GREKI FIX	V39 AWY-LO	41.48000 -73.31420	27,900 ft 8,504 m	2	-
CMK VOR	J75 AWY-HI	41.28010 -73.58130	24,300 ft 7,407 m	17	CARMEL
DUEYS FIX	J75 AWY-HI	41.15260 -73.79680	21,600 ft 6,584 m	12	-
KPHL APT	-	39.87410 -75.23680	0 ft 0 m	101	Philadelphia Intl

KMHT

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 266 ft / 81 m
Location: 42.933100 -71.436100
Magnetic Var: 14.252 W

METAR

KMHT 050753Z 00000KT 10SM BKN011 08/06 A3034 RMK A02 SLP288 T00830061

TAF

KMHT 050530Z 0506/0606 VRB03KT P6SM OVC012 FM050900 13004KT P6SM OVC009 FM051500 14006KT P6SM OVC015 FM051800 140

Frequencies

COM - 122.95 MHz - UNICOM	REC - 119.55 MHz - ATIS
GND - 121.90 MHz - MANCHESTER GROUND	TWR - 121.30 MHz - MANCHESTER TOWER
APP - 124.90 MHz - BOSTON APPROACH	DEP - 124.90 MHz - BOSTON DEPARTURE
CLD - 135.90 MHz - CLEARANCE DELIVERY	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	150 ft	9,259 ft	156.59	ASPHALT	335 ft	200 ft
	46 m	2,822 m	170.85		102 m	61 m
35	150 ft	9,259 ft	336.60	ASPHALT	850 ft	200 ft
	46 m	2,822 m	350.86		259 m	61 m
06	150 ft	7,658 ft	42.33	ASPHALT	443 ft	249 ft
	46 m	2,334 m	56.58		135 m	76 m
24	150 ft	7,658 ft	222.34	ASPHALT	0 ft	600 ft
	46 m	2,334 m	236.59		0 m	183 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	DME	IMNA	109.10 MHz	18 nm	-	-	257 ft
				33 km	-		257 m
35	DME	IMHT	109.10 MHz	18 nm	-	-	236 ft
				33 km	-		236 m
06	LOC-ILS	IMJE	109.95 MHz	18 nm	42.33	-	266 ft
				33 km	56.58		266 m
17	LOC-ILS	IMNA	109.10 MHz	18 nm	156.62	-	266 ft
				33 km	170.87		266 m
35	LOC-ILS	IMHT	109.10 MHz	18 nm	336.62	-	266 ft
				33 km	350.87		266 m
06	GS	IMJE	109.95 MHz	10 nm	42.33	3.00	266 ft
				19 km	56.58		266 m
17	GS	IMNA	109.10 MHz	10 nm	156.62	3.10	266 ft
				19 km	170.87		266 m
35	GS	IMHT	109.10 MHz	10 nm	336.62	3.00	266 ft
				19 km	350.87		266 m

KPHL

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

Elevation: 36 ft / 11 m
Location: 39.874100 -75.236800
Magnetic Var: 11.990 W

METAR

KPHL 050754Z 10009KT 10SM OVC008 10/09 A3024 RMK AO2 SLP240 T01000089

TAF

TAF AMD KPHL 050846Z 0509/0612 10008KT P6SM VCSH OVC008 FM051400 12009KT 4SM -SHRA BR OVC007 FM052200 14008KT 6SM

Frequencies

REC - 133.40 MHz - D-ATIS	REC - 135.92 MHz - D-ATIS
COM - 122.95 MHz - PHILADELPHIA UNICOM	GND - 121.65 MHz - PHILADELPHIA GROUND
GND - 121.90 MHz - PHILADELPHIA GROUND	TWR - 118.50 MHz - PHILADELPHIA TOWER
TWR - 135.10 MHz - PHILADELPHIA TOWER	CLD - 118.85 MHz - CLEARANCE DELIVERY
DEP - 119.75 MHz - PHILADELPHIA DEPARTURE	DEP - 124.35 MHz - PHILADELPHIA DEPARTURE
APP - 123.80 MHz - PHILADELPHIA APPROACH	APP - 124.35 MHz - PHILADELPHIA APPROACH
APP - 126.85 MHz - PHILADELPHIA APPROACH	APP - 127.35 MHz - PHILADELPHIA APPROACH
APP - 128.40 MHz - PHILADELPHIA APPROACH	APP - 133.87 MHz - PHILADELPHIA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09R	200 ft	11,981 ft	75.41	ASPHALT	0 ft	292 ft
	61 m	3,652 m	87.40		0 m	89 m
27L	200 ft	11,981 ft	255.44	ASPHALT	1,909 ft	397 ft
	61 m	3,652 m	267.43		582 m	121 m
09L	150 ft	9,482 ft	75.42	ASPHALT	0 ft	413 ft
	46 m	2,890 m	87.41		0 m	126 m
27R	150 ft	9,482 ft	255.44	ASPHALT	0 ft	397 ft
	46 m	2,890 m	267.43		0 m	121 m
17	150 ft	6,508 ft	159.13	ASPHALT	0 ft	200 ft
	46 m	1,984 m	171.12		0 m	61 m
35	150 ft	6,508 ft	339.14	ASPHALT	0 ft	200 ft
	46 m	1,984 m	351.13		0 m	61 m
08	150 ft	4,992 ft	75.44	ASPHALT	0 ft	197 ft
	46 m	1,521 m	87.43		0 m	60 m
26	150 ft	4,992 ft	255.45	ASPHALT	0 ft	0 ft
	46 m	1,521 m	267.44		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IVII	108.95 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
09R	DME	IPHL	109.30 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
26	DME	ILLH	111.55 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
27L	DME	IGLC	109.30 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
27R	DME	IPDP	108.95 MHz	18 nm	-	-	38 ft
				33 km	-		38 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IVII	108.95 MHz	18 nm	75.43	-	36 ft
				33 km	87.42		36 m
09R	LOC-ILS	IPHL	109.30 MHz	18 nm	75.43	-	36 ft
				33 km	87.42		36 m
17	LOC-ILS	IMMY	108.75 MHz	18 nm	159.14	-	36 ft
				33 km	171.13		36 m
27L	LOC-ILS	IGLC	109.30 MHz	18 nm	255.43	-	36 ft
				33 km	267.42		36 m
27R	LOC-ILS	IPDP	108.95 MHz	18 nm	255.43	-	36 ft
				33 km	267.42		36 m
09L	GS	IVII	108.95 MHz	10 nm	75.43	3.00	36 ft
				19 km	87.42		36 m
09R	GS	IPHL	109.30 MHz	10 nm	75.43	3.00	36 ft
				19 km	87.42		36 m
17	GS	IMMY	108.75 MHz	10 nm	159.14	3.00	36 ft
				19 km	171.13		36 m
27L	GS	IGLC	109.30 MHz	10 nm	255.43	3.00	36 ft
				19 km	267.42		36 m
27R	GS	IPDP	108.95 MHz	10 nm	255.43	3.00	36 ft
				19 km	267.42		36 m