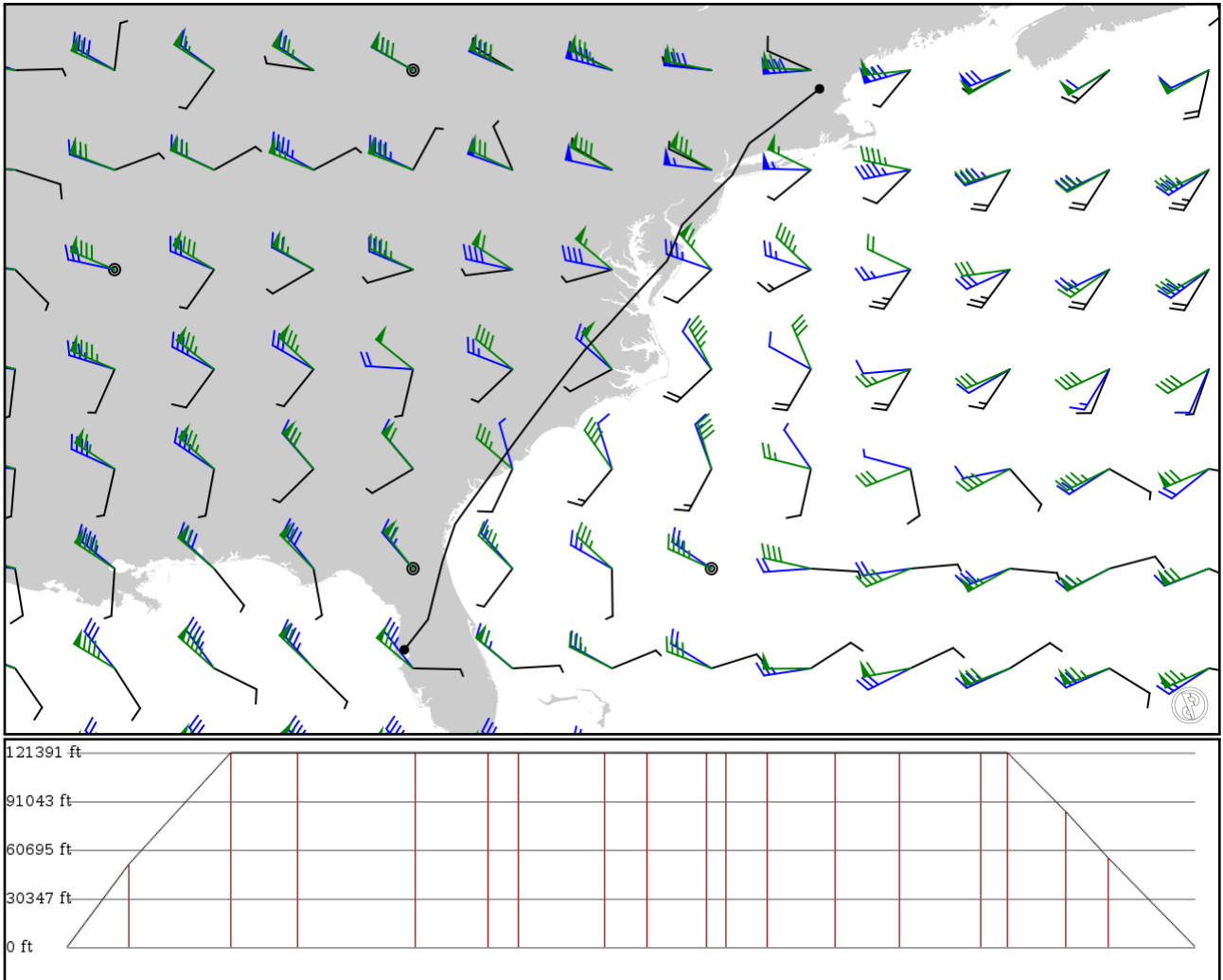


2024/05/10 0254Z

KTPA LOULO J55 CRG J121 CHS J79 SBY J209 VILLS J79 JFK J222 GREKI J75 NELIE KMHT

1058.95 nm / 1961.17 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 37000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 180kts

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KTPA APT	-	27.97489 -82.53190	0 ft 0 m	-	TAMPA INTL
LOULO FIX	-	28.78368 -81.90077	15,800 ft 4,816 m	58	-
CRG VOR	J55 AWY-HI	30.33889 -81.50992	37,000 ft 11,278 m	95	CRAIG VORTAC
MILIE FIX	J121 AWY-HI	31.32862 -81.17372	37,000 ft 11,278 m	61	-
CHS VOR	J121 AWY-HI	32.89431 -80.03781	37,000 ft 11,278 m	110	CHARLESTON VORTAC
JOINT FIX	J79 AWY-HI	33.86709 -79.32318	37,000 ft 11,278 m	68	-
MULLS FIX	J79 AWY-HI	34.27878 -79.01484	37,000 ft 11,278 m	29	-
BLAMO FIX	J79 AWY-HI	35.41452 -78.14522	37,000 ft 11,278 m	80	-
TYI DME	J79 AWY-HI	35.97673 -77.70373	37,000 ft 11,278 m	40	TAR RIVER VORTAC
FKN VOR	J79 AWY-HI	36.71425 -77.01239	37,000 ft 11,278 m	55	FRANKLIN VORTAC
KATZN FIX	J79 AWY-HI	36.96868 -76.78340	37,000 ft 11,278 m	18	-
LEESA FIX	J79 AWY-HI	37.48717 -76.31104	37,000 ft 11,278 m	38	-
SBY VOR	J79 AWY-HI	38.34500 -75.51058	37,000 ft 11,278 m	63	SALISBURY VORTAC
VILLS FIX	J209 AWY-HI	39.30107 -75.11052	37,000 ft 11,278 m	60	-
JOANI FIX	J79 AWY-HI	40.30408 -74.10837	37,000 ft 11,278 m	75	-
JFK VOR	J79 AWY-HI	40.63289 -73.77139	37,000 ft 11,278 m	25	KENNEDY VOR-DME
GREKI FIX	J222 AWY-HI	41.48001 -73.31416	25,800 ft 7,864 m	54	-
NELIE FIX	J75 AWY-HI	41.94101 -72.68858	17,000 ft 5,182 m	39	-
KMHT APT	-	42.93284 -71.43637	0 ft 0 m	81	Manchester

KTPA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 26 ft / 8 m
Location: 27.974900 -82.531900
Magnetic Var: 6.196 W

METAR

KTPA 100230Z 23004KT 10SM SCT017 27/24 A2994 RMK AO2 T02670239

TAF

TAF KTPA 092326Z 1000/1106 23007KT P6SM SCT015 FM100200 21006KT P6SM BKN015 FM101300 22010KT P6SM SCT015 SCT250 FM101800 23007KT P6SM SCT015

Frequencies

REC - 126.45 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.70 MHz - TAMPA GROUND
TWR - 119.50 MHz - TAMPA TOWER
APP - 118.15 MHz - TAMPA APPROACH
APP - 119.65 MHz - TAMPA APPROACH
APP - 118.80 MHz - TAMPA APPROACH

REC - 128.47 MHz - D-ATIS
CLD - 133.60 MHz - CLEARANCE DELIVERY
GND - 121.35 MHz - TAMPA GROUND
TWR - 119.05 MHz - TAMPA TOWER
DEP - 118.15 MHz - TAMPA DEPARTURE
DEP - 119.65 MHz - TAMPA DEPARTURE
DEP - 118.80 MHz - TAMPA DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01L	151 ft	11,011 ft	1.72	CONCRETE	0 ft	417 ft
	46 m	3,356 m	7.91		0 m	127 m
19R	151 ft	11,011 ft	181.72	CONCRETE	0 ft	417 ft
	46 m	3,356 m	187.91		0 m	127 m
01R	151 ft	8,308 ft	1.72	CONCRETE	0 ft	410 ft
	46 m	2,532 m	7.91		0 m	125 m
19L	151 ft	8,308 ft	181.72	CONCRETE	0 ft	410 ft
	46 m	2,532 m	187.91		0 m	125 m
10	151 ft	7,005 ft	91.74	ASPHALT	505 ft	187 ft
	46 m	2,135 m	97.93		154 m	57 m
28	151 ft	7,005 ft	271.75	ASPHALT	0 ft	141 ft
	46 m	2,135 m	277.94		0 m	43 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19R	DME	IJRT	108.50 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
01L	LOC-ILS	IAMP	108.90 MHz	18 nm	1.72	-	22 ft
				33 km	7.92		22 m
19L	LOC-ILS	ITPA	110.30 MHz	18 nm	181.72	-	26 ft
				33 km	187.92		26 m
19R	LOC-ILS	IJRT	108.50 MHz	18 nm	181.72	-	26 ft
				33 km	187.92		26 m
01R	LOC-LOC	ITWJ	111.95 MHz	18 nm	1.72	-	26 ft
				33 km	7.92		26 m
01L	GS	IAMP	108.90 MHz	10 nm	1.72	3.00	26 ft
				19 km	7.92		26 m
19L	GS	ITPA	110.30 MHz	10 nm	181.72	3.00	26 ft
				19 km	187.92		26 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19R	GS	IJRT	108.50 MHz	10 nm	181.72	3.00	26 ft
				19 km	187.92		26 m

KMHT

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

Elevation: 266 ft / 81 m
Location: 42.933100 -71.436100
Magnetic Var: 14.251 W

METAR

KMHT 100220Z VRB03KT 10SM BKN030 OVC050 11/06 A2985 RMK A02 T01110061

TAF

TAF KMHT 092320Z 1000/1024 10005KT P6SM FEW045 BKN070 BKN250 FM100200 07004KT P6SM BKN030 FM101800 09010G19KT P6S

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	350.85		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