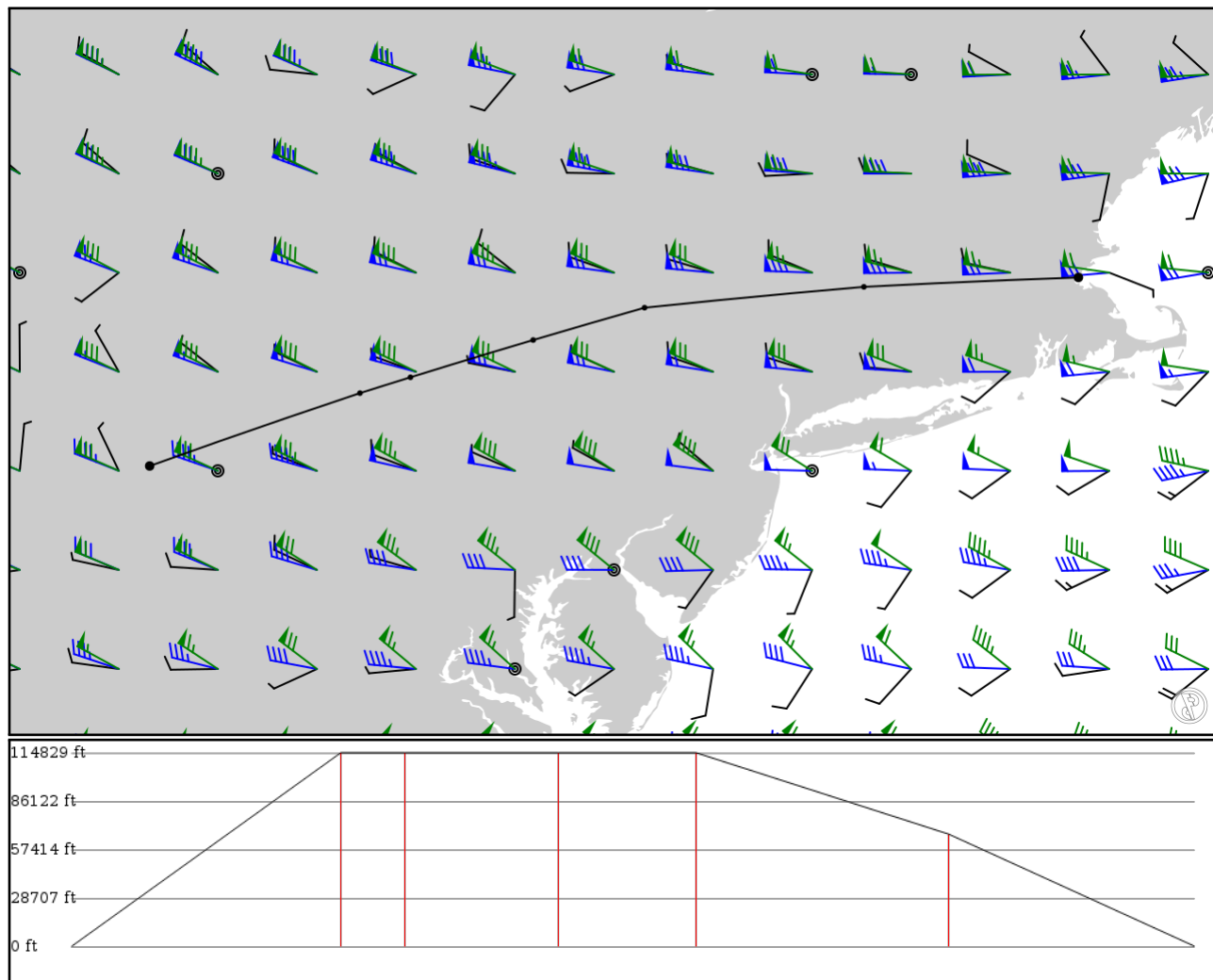


2024/06/08 2244Z

KPIT ETG **J217** HNK **J68** PONEE KBOS

433.62 nm / 803.07 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: no
- Use high airways: yes

Route

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
KPIT	-	40.49140	0 ft	-	Pittsburgh Intl	
APT	-	-80.23170	0 m			
ETG	-	41.21500	35,000 ft	104	KEATING	
VOR	-	-78.14280	10,668 m			
ZUUCS	J217	41.37210	35,000 ft	24	-	
FIX	AWY-HI	-77.64130	10,668 m			
LHY45	J217	41.74210	35,000 ft	59	-	
FIX	AWY-HI	-76.42240	10,668 m			
HNK	J217	42.06310	35,000 ft	53	HANCOCK	
VOR	AWY-HI	-75.31630	10,668 m			
PONEE	J68	42.26980	20,300 ft	97	-	
FIX	AWY-HI	-73.13770	6,187 m			
KBOS	-	42.36300	0 ft	94	General Edward Lawrence Logan Intl	
APT	-	-71.00680	0 m			

KPIT

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

Elevation: 1,204 ft / 367 m
Location: 40.491400 -80.231700
Magnetic Var: 9.285 W

METAR

KPIT 082151Z 21007KT 10SM FEW060 SCT120 SCT220 25/08 A2984 RMK A02 SLP105 T02500083

TAF

KPIT 082101Z 0821/0924 27006KT P6SM FEW050 SCT250 FM090000 25005KT P6SM BKN100 FM090900 27005KT P6SM -SHRA OVC025

Frequencies

COM - 122.95 MHz - UNICOM	REC - 127.25 MHz - ATIS (ARRIVAL)
REC - 135.90 MHz - ATIS (DEPARTURE)	GND - 121.90 MHz - PITTSBURGH GROUND
GND - 127.80 MHz - PITTSBURGH GROUND	TWR - 119.10 MHz - PITTSBURGH TOWER
TWR - 128.30 MHz - PITTSBURGH TOWER	TWR - 135.02 MHz - PITTSBURGH TOWER
TWR - 270.32 MHz - PITTSBURGH TOWER	APP - 121.25 MHz - PITTSBURGH APPROACH
APP - 123.95 MHz - PITTSBURGH APPROACH	CLD - 126.75 MHz - CLEARANCE DELIVERY
APP - 124.15 MHz - PITTSBURGH APPROACH	DEP - 119.35 MHz - PITTSBURGH DEPARTURE
DEP - 124.75 MHz - PITTSBURGH DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10R	200 ft	11,468 ft	91.96	CONCRETE	171 ft	184 ft
	61 m	3,495 m	101.25		52 m	56 m
28L	200 ft	11,468 ft	271.99	CONCRETE	177 ft	197 ft
	61 m	3,495 m	281.27		54 m	60 m
10L	151 ft	10,476 ft	91.95	ASPHALT	180 ft	371 ft
	46 m	3,193 m	101.23		55 m	113 m
28R	151 ft	10,476 ft	271.97	ASPHALT	0 ft	390 ft
	46 m	3,193 m	281.26		0 m	119 m
10C	151 ft	10,758 ft	91.94	CONCRETE	469 ft	108 ft
	46 m	3,279 m	101.23		143 m	33 m
28C	151 ft	10,758 ft	271.97	CONCRETE	607 ft	299 ft
	46 m	3,279 m	281.25		185 m	91 m
14	151 ft	8,099 ft	136.49	CONCRETE	144 ft	194 ft
	46 m	2,469 m	145.78		44 m	59 m
32	151 ft	8,099 ft	316.51	CONCRETE	335 ft	184 ft
	46 m	2,469 m	325.79		102 m	56 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	LOC-ILS	ILXB	111.70 MHz	18 nm	91.98	-	1,204 ft
				33 km	101.26		1,204 m
10R	LOC-ILS	IGUT	108.90 MHz	18 nm	91.99	-	1,204 ft
				33 km	101.27		1,204 m
28L	LOC-ILS	IPFS	108.90 MHz	18 nm	271.96	-	1,204 ft
				33 km	281.25		1,204 m
28R	LOC-ILS	IHFE	111.70 MHz	18 nm	271.94	-	1,204 ft
				33 km	281.23		1,204 m
32	LOC-ILS	ITQW	111.30 MHz	18 nm	316.49	-	1,204 ft
				33 km	325.78		1,204 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	GS	ILXB	111.70 MHz	10 nm	92.92	3.00	1,197 ft
				19 km	102.21		1,197 m
10R	GS	IGUT	108.90 MHz	10 nm	92.96	3.00	1,134 ft
				19 km	102.25		1,134 m
28L	GS	IPFS	108.90 MHz	10 nm	272.96	3.00	1,124 ft
				19 km	282.25		1,124 m
28R	GS	IHFE	111.70 MHz	10 nm	272.92	3.00	1,171 ft
				19 km	282.21		1,171 m
32	GS	ITQW	111.30 MHz	10 nm	317.00	3.00	1,117 ft
				19 km	326.29		1,117 m

KBOS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 6

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.282 W

METAR

KBOS 082154Z 30016G24KT 10SM FEW060 SCT070 SCT250 23/10 A2967 RMK A02 PK WND 29030/2143 SLP045 T02330100 \$

TAF

TAF AMD KBOS 082059Z 0821/0924 27014G28KT P6SM SCT050 FM090000 26010KT P6SM SCT050 FM091100 25006KT P6SM VCSH BKN

Frequencies

REC - 135.00 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 121.65 MHz - CLEARANCE DELIVERY	GND - 121.75 MHz - BOSTON GROUND
GND - 121.90 MHz - BOSTON GROUND	TWR - 128.80 MHz - BOSTON TOWER
TWR - 124.72 MHz - BOSTON TOWER	TWR - 132.22 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH	APP - 120.60 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH	DEP - 133.00 MHz - BOSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.55		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.57		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.94		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.79		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.81		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.04		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.05		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.59		0 m	18 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.96	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.56	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.96	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.80	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.56	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.96	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.56	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.96	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.80	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.56	3.00	20 ft 20 m