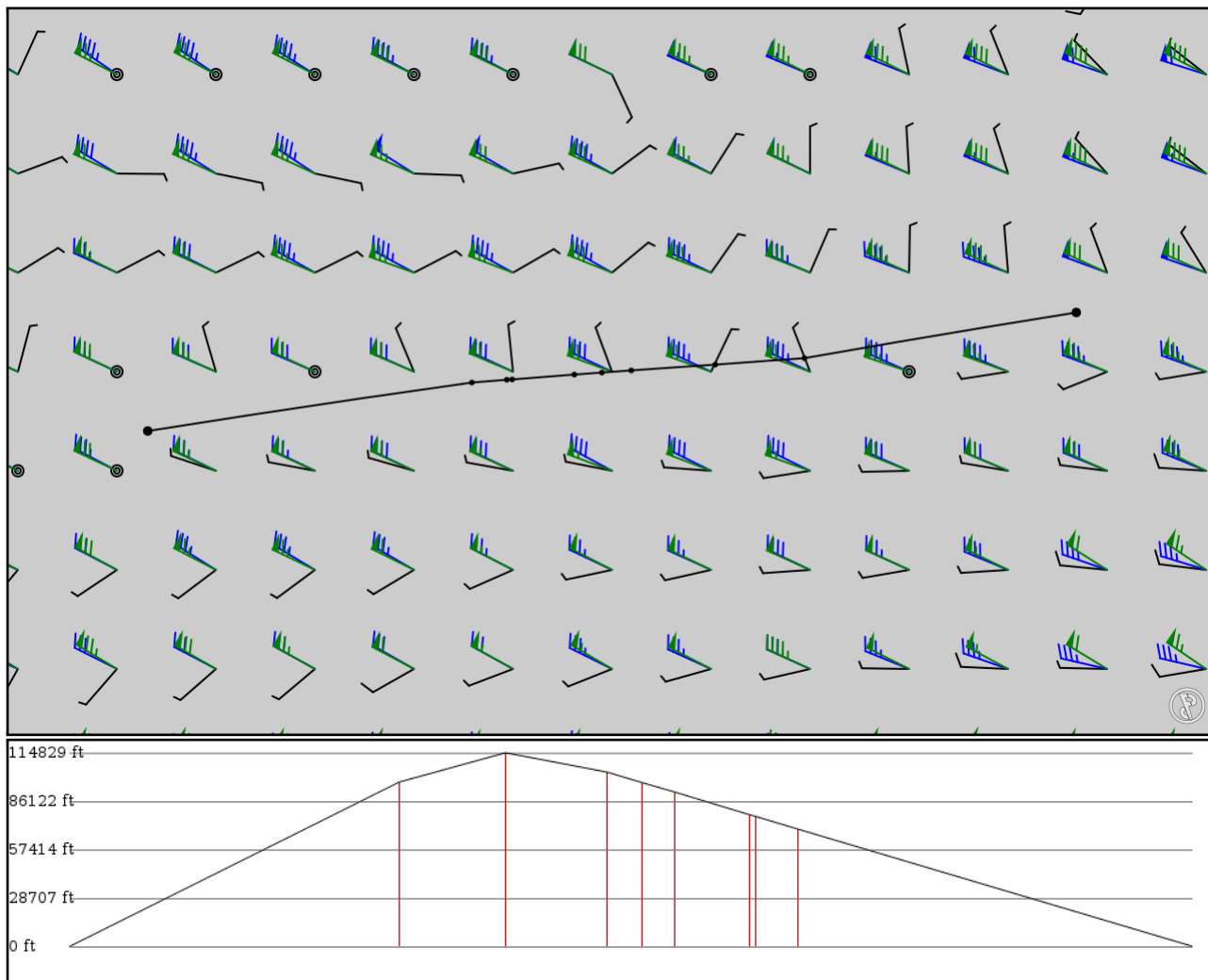


2024/05/12 0122Z

KPIT ROSCO V12 TRUNC KIND

282.68 nm / 523.52 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
KPIT	-	40.49140	0 ft	-	Pittsburgh Intl	
APT	-	-80.23170	0 m			
ROSCO	-	40.19330	29,700 ft	83	-	
FIX	-	-82.00650	9,053 m			
APE	V12	40.15110	35,000 ft	26	APPLETON	
VOR	AWY-LO	-82.58830	10,668 m			
DIPNE	V12	40.11330	31,500 ft	25	-	
FIX	AWY-LO	-83.13670	9,601 m			
PIZZA	V12	40.09940	29,600 ft	8	-	
FIX	AWY-LO	-83.32860	9,022 m			
MECAN	V12	40.08620	27,900 ft	8	-	
FIX	AWY-LO	-83.50820	8,504 m			
TARRY	V12	40.05440	23,800 ft	18	-	
FIX	AWY-LO	-83.91420	7,254 m			
BONEE	V12	40.05250	23,500 ft	1	-	
FIX	AWY-LO	-83.94890	7,163 m			
TRUNC	V12	40.03430	21,200 ft	10	-	
FIX	AWY-LO	-84.17680	6,462 m			
KIND	-	39.71820	0 ft	99	Indianapolis International Airport	
APT	-	-86.29280	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: 9.284 W

## METAR

KPIT 120051Z 22005KT 8SM -RA FEW008 BKN032 OVC050 11/09 A2976 RMK A02 RAE09B43 SLP085 P0000 T01060089 \$

## TAF

KPIT 120010Z 1200/1306 32010G22KT P6SM -RA BKN025 FM120200 30010KT P6SM BKN035 FM120900 26010KT P6SM OVC015 FM121

## 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	101.24		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	101.22		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	281.24		1,204 m
28R	LOC-ILS	IHFE	111.70 MHz	18 nm	271.94	-	1,204 ft
				33 km	281.22		1,204 m
32	LOC-ILS	ITQW	111.30 MHz	18 nm	316.49	-	1,204 ft
				33 km	325.77		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	102.20		1,197 m
10R	GS	IGUT	108.90 MHz	10 nm	92.96	3.00	1,134 ft
				19 km	102.24		1,134 m
28L	GS	IPFS	108.90 MHz	10 nm	272.96	3.00	1,124 ft
				19 km	282.24		1,124 m
28R	GS	IHFE	111.70 MHz	10 nm	272.92	3.00	1,171 ft
				19 km	282.20		1,171 m
32	GS	ITQW	111.30 MHz	10 nm	317.00	3.00	1,117 ft
				19 km	326.28		1,117 m

## KIND

Region: UNITED STATES  
Timezone: AMERICA/INDIANA/INDIANAPOLIS  
Runways: 3

Elevation: 793 ft / 242 m  
Location: 39.718200 -86.292800  
Magnetic Var: 5.031 W

## METAR

KIND 120054Z 32008KT 10SM FEW090 SCT250 18/03 A2983 RMK A02 SLP100 T01780033

## TAF

KIND 112321Z 1200/1306 31012KT P6SM FEW090 FM120200 30004KT P6SM FEW250 FM121300 24009KT P6SM FEW250

## Frequencies

REC - 124.40 MHz - ATIS	REC - 134.25 MHz - ATIS
COM - 122.95 MHz - UNICOM	CLD - 128.75 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - INDY GROUND	GND - 121.90 MHz - INDY GROUND
TWR - 120.90 MHz - INDY TOWER	TWR - 127.82 MHz - INDY TOWER
APP - 119.30 MHz - INDIANAPOLIS APPROACH	APP - 124.65 MHz - INDIANAPOLIS APPROACH
APP - 127.15 MHz - INDIANAPOLIS APPROACH	DEP - 119.05 MHz - INDIANAPOLIS DEPARTURE
DEP - 124.95 MHz - INDIANAPOLIS DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	11,210 ft	44.43	CONCRETE	0 ft	0 ft
	46 m	3,417 m	49.46		0 m	0 m
23R	151 ft	11,210 ft	224.45	CONCRETE	0 ft	0 ft
	46 m	3,417 m	229.48		0 m	0 m
05R	151 ft	10,009 ft	44.45	CONCRETE	0 ft	0 ft
	46 m	3,051 m	49.48		0 m	0 m
23L	151 ft	10,009 ft	224.47	CONCRETE	0 ft	0 ft
	46 m	3,051 m	229.50		0 m	0 m
14	151 ft	7,284 ft	134.65	CONCRETE	0 ft	0 ft
	46 m	2,220 m	139.68		0 m	0 m
32	151 ft	7,284 ft	314.66	CONCRETE	0 ft	0 ft
	46 m	2,220 m	319.70		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IIND	111.75 MHz	18 nm	-	-	1,010 ft
				33 km	-		1,010 m
05R	DME	IOQV	111.15 MHz	18 nm	-	-	797 ft
				33 km	-		797 m
23L	DME	IFVJ	111.15 MHz	18 nm	-	-	797 ft
				33 km	-		797 m
23R	DME	IUZK	111.75 MHz	18 nm	-	-	1,010 ft
				33 km	-		1,010 m
05L	LOC-ILS	IIND	111.75 MHz	18 nm	44.45	-	797 ft
				33 km	49.48		797 m
05R	LOC-ILS	IOQV	111.15 MHz	18 nm	44.46	-	797 ft
				33 km	49.49		797 m
14	LOC-ILS	IBJP	110.50 MHz	18 nm	134.67	-	797 ft
				33 km	139.70		797 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
23L	LOC-ILS	IFVJ	111.15 MHz	18 nm	224.43	-	797 ft
				33 km	229.46		797 m
23R	LOC-ILS	IUZK	111.75 MHz	18 nm	224.42	-	797 ft
				33 km	229.45		797 m
32	LOC-ILS	ICOA	110.50 MHz	18 nm	314.66	-	797 ft
				33 km	319.69		797 m
05L	GS	IIND	111.75 MHz	10 nm	44.86	3.00	741 ft
				19 km	49.89		741 m
05R	GS	IOQV	111.15 MHz	10 nm	44.88	3.00	790 ft
				19 km	49.91		790 m
14	GS	IBJP	110.50 MHz	10 nm	135.34	3.00	797 ft
				19 km	140.37		797 m
23L	GS	IFVJ	111.15 MHz	10 nm	224.88	3.00	788 ft
				19 km	229.91		788 m
23R	GS	IUZK	111.75 MHz	10 nm	224.86	3.00	777 ft
				19 km	229.89		777 m
32	GS	ICOA	110.50 MHz	10 nm	315.34	3.00	797 ft
				19 km	320.37		797 m