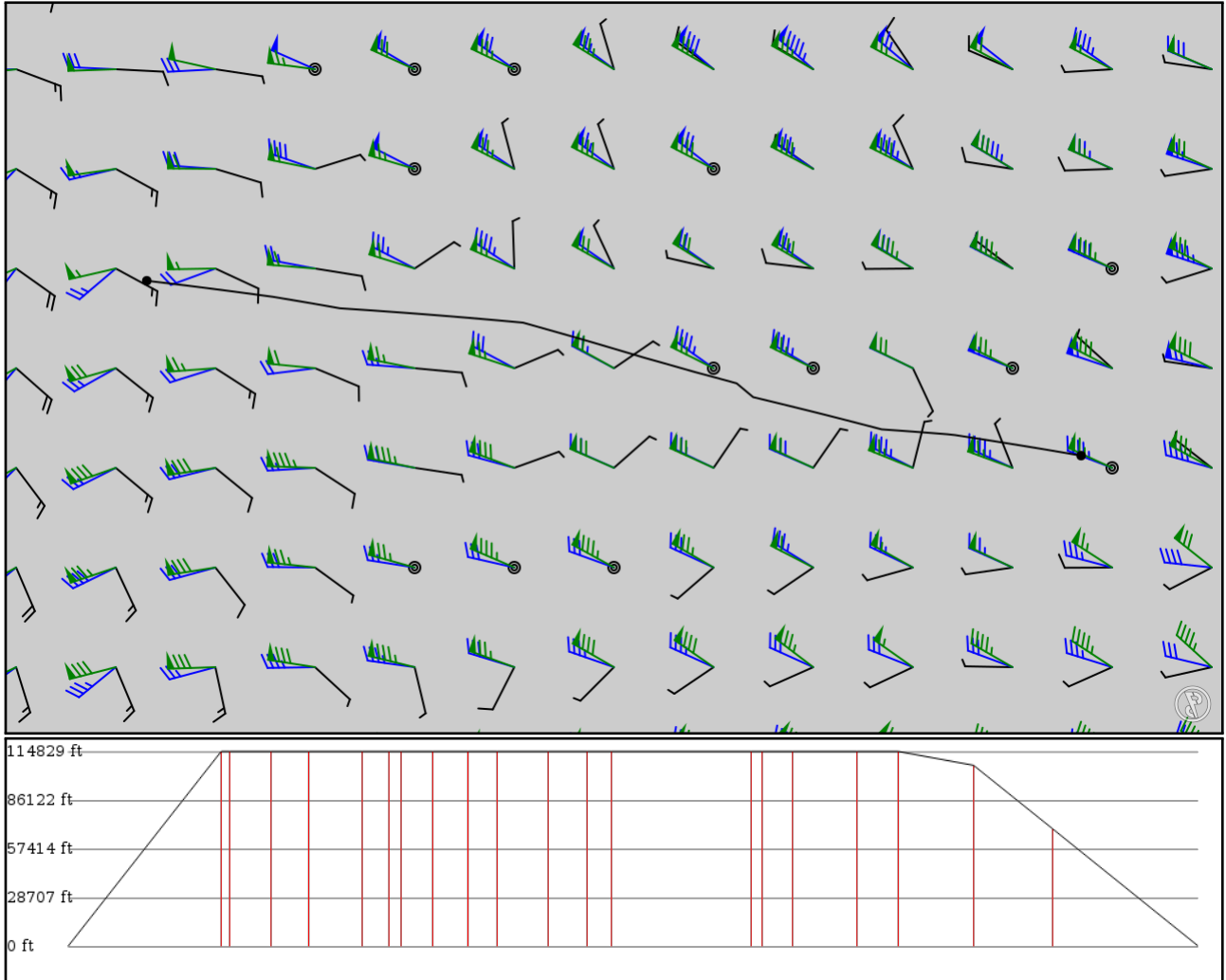


2024/05/05 0415Z

KPIT JUSEP **V542** MFD **V8** FBC **V422** TWERP **V8** GSH **V55** GIJ **V228** OBK **J90** MCW **J16** ONTIJ KFSD

765.24 nm / 1417.23 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 APT	-	40.49140 -80.23170	0 ft 0 m	-	Pittsburgh Intl
JUSEP FIX	-	40.85480 -82.46040	35,000 ft 10,668 m	103	-
MFD VOR	V542 AWY-LO	40.86860 -82.59100	35,000 ft 10,668 m	5	MANSFIELD
DUSKY FIX	V8 AWY-LO	40.91540 -83.19970	35,000 ft 10,668 m	27	-
FBC VOR	V8 AWY-LO	40.95530 -83.75600	35,000 ft 10,668 m	25	FLAG CITY
TWERP FIX	V422 AWY-LO	41.15210 -84.51600	35,000 ft 10,668 m	36	-
GRABI FIX	V8 AWY-LO	41.25070 -84.90610	35,000 ft 10,668 m	18	-
GAREN FIX	V8 AWY-LO	41.29100 -85.06780	35,000 ft 10,668 m	7	-
RABBT FIX	V8 AWY-LO	41.40340 -85.52380	35,000 ft 10,668 m	21	-
GSH VOR	V8 AWY-LO	41.52520 -86.02800	35,000 ft 10,668 m	23	GOSHEN
GIJ VOR	V55 AWY-LO	41.76860 -86.31850	35,000 ft 10,668 m	19	GIPPER (NILES)
NEPTS FIX	V228 AWY-LO	41.96750 -87.05300	35,000 ft 10,668 m	34	-
THORR FIX	V228 AWY-LO	42.12330 -87.60030	35,000 ft 10,668 m	26	-
OBK VOR	V228 AWY-LO	42.22140 -87.95160	35,000 ft 10,668 m	16	NORTHBROOK
BRIBE FIX	J90 AWY-HI	42.79830 -89.94040	35,000 ft 10,668 m	94	-
JIBOR FIX	J90 AWY-HI	42.84040 -90.09180	35,000 ft 10,668 m	7	-
LARVA FIX	J90 AWY-HI	42.88230 -90.55170	35,000 ft 10,668 m	20	-
VIKNG FIX	J90 AWY-HI	42.96600 -91.54330	35,000 ft 10,668 m	43	-
SUZYQ FIX	J90 AWY-HI	43.01470 -92.17440	35,000 ft 10,668 m	27	-
MCW VOR	J90 AWY-HI	43.09480 -93.32990	32,500 ft 9,906 m	50	MASON CITY
ONTIJ FIX	J16 AWY-HI	43.29760 -94.51290	21,100 ft 6,431 m	53	-
KFSD APT	-	43.58100 -96.74180	0 ft 0 m	98	JOE FOSS FLD

KPIT

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

Elevation: 1,204 ft / 367 m
Location: 40.491400 -80.231700
Magnetic Var: 9.283 W

METAR

KPIT 050351Z 12007KT 10SM BKN007 OVC090 14/12 A3001 RMK A02 RAE12 SLP167 P0000 T01390122 \$

TAF

TAF AMD KPIT 050347Z 0504/0606 13008KT 6SM -SHRA BR OVC007 FM051400 19007KT P6SM VCSH BKN007 FM051600 22010KT P6SM

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

KFSD

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

Elevation: 1,427 ft / 435 m
Location: 43.581000 -96.741800
Magnetic Var: 2.480 E

METAR

KFSD 050356Z 00000KT 10SM CLR 08/03 A3007 RMK A02 SLP187 T00780028

TAF

TAF KFSD 042320Z 0500/0524 32008KT P6SM SCT060 FM050200 VRB03KT P6SM SKC FM051400 16005KT P6SM SKC FM051600 17009KT

Frequencies

REC - 126.60 MHz - ATIS
COM - 122.95 MHz - UNICOM
TWR - 118.30 MHz - SIOUX FALLS TWR
COM - 118.30 MHz - CTAF
GND - 121.90 MHz - SIOUX FALLS GND
APP - 125.80 MHz - SIOUX FALLS APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	150 ft	9,008 ft	34.80	CONCRETE	0 ft	0 ft
	46 m	2,746 m	32.32		0 m	0 m
21	150 ft	9,008 ft	214.81	CONCRETE	0 ft	0 ft
	46 m	2,746 m	212.33		0 m	0 m
15	150 ft	8,003 ft	155.00	ASPHALT	0 ft	0 ft
	46 m	2,439 m	152.52		0 m	0 m
33	150 ft	8,003 ft	335.01	ASPHALT	0 ft	151 ft
	46 m	2,439 m	332.53		0 m	46 m
09	75 ft	3,145 ft	103.22	CONCRETE	0 ft	0 ft
	23 m	959 m	100.74		0 m	0 m
27	75 ft	3,145 ft	283.23	CONCRETE	0 ft	0 ft
	23 m	959 m	280.75		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	LOC-ILS	IFSD	109.90 MHz	18 nm	34.81	-	1,427 ft
				33 km	32.33		1,427 m
21	LOC-ILS	IJOU	111.10 MHz	18 nm	214.81	-	1,427 ft
				33 km	212.33		1,427 m
03	GS	IFSD	109.90 MHz	10 nm	34.81	3.00	1,427 ft
				19 km	32.33		1,427 m
21	GS	IJOU	111.10 MHz	10 nm	214.81	3.00	1,427 ft
				19 km	212.33		1,427 m