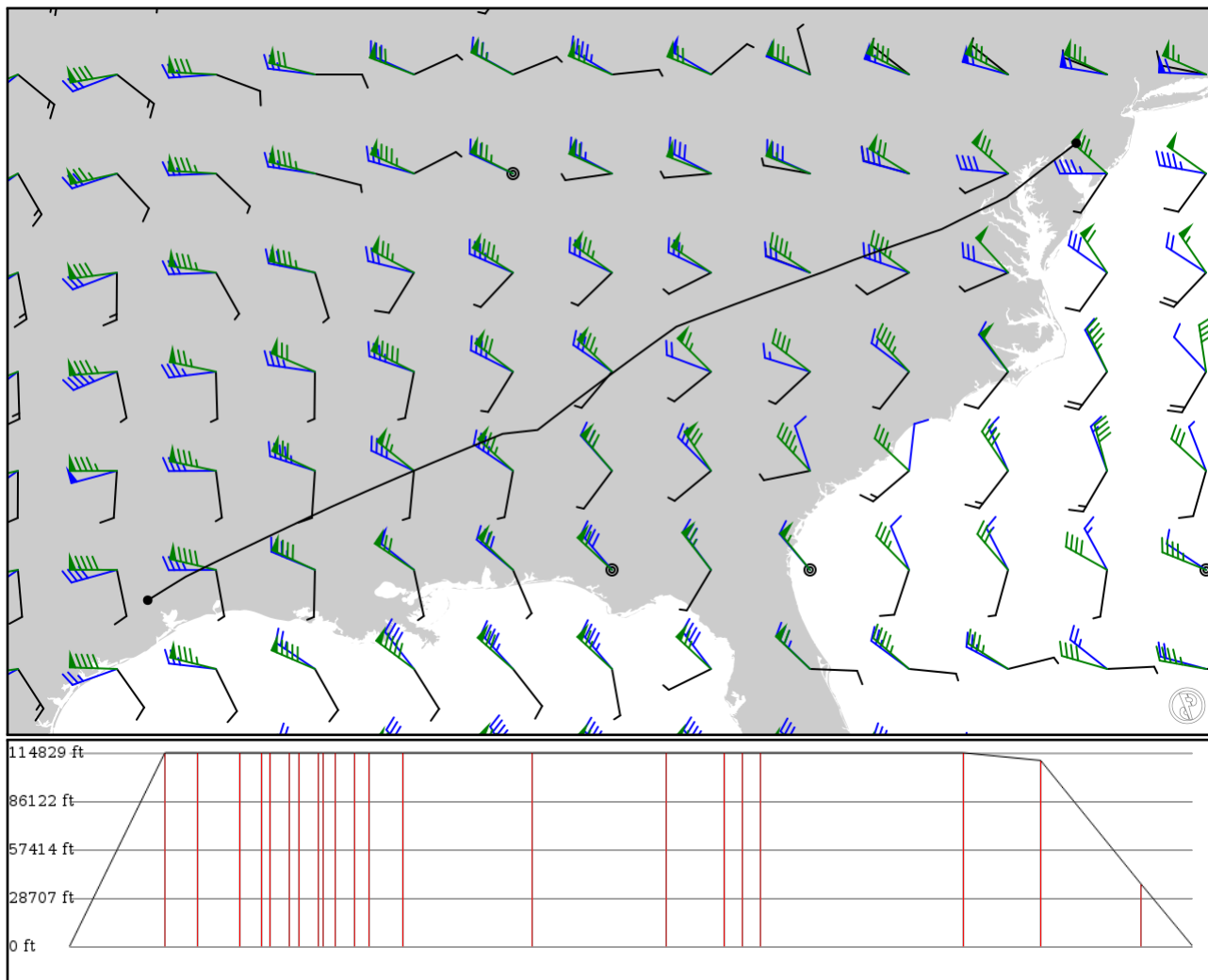


2024/05/03 0625Z

KPHL OTT **J150** GVE **V375** ROA **V16** PSK **J22** VUZ **J52** FIBER **V278** BESOM **Q38** ROKIT KIAH

1166.77 nm / 2160.85 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
KPHL APT	-	39.87410 -75.23680	0 ft 0 m	-	Philadelphia Intl
OTT VOR	-	38.70590 -76.74480	35,000 ft 10,668 m	99	NOTTINGHAM
BOOYA FIX	J150 AWY-HI	38.40570 -77.36290	35,000 ft 10,668 m	34	-
GVE VOR	J150 AWY-HI	38.01360 -78.15300	35,000 ft 10,668 m	44	GORDONSVILLE
KENNI FIX	V375 AWY-LO	37.86330 -78.59410	35,000 ft 10,668 m	22	-
ROMAN FIX	V375 AWY-LO	37.80350 -78.76760	35,000 ft 10,668 m	8	-
CLYFF FIX	V375 AWY-LO	37.66930 -79.15350	35,000 ft 10,668 m	20	-
RADIA FIX	V375 AWY-LO	37.60450 -79.33800	35,000 ft 10,668 m	9	-
PROSE FIX	V375 AWY-LO	37.46660 -79.72710	35,000 ft 10,668 m	20	-
FOSER FIX	V375 AWY-LO	37.42870 -79.83310	35,000 ft 10,668 m	5	-
ROA VOR	V375 AWY-LO	37.34350 -80.07040	35,000 ft 10,668 m	12	ROANOKE
BUFIY FIX	V16 AWY-LO	37.19970 -80.43320	35,000 ft 10,668 m	19	-
PSK VOR	V16 AWY-LO	37.08770 -80.71290	35,000 ft 10,668 m	14	PULASKI (DUBLIN)
YICUT FIX	J22 AWY-HI	36.84270 -81.39930	35,000 ft 10,668 m	36	-
VXV VOR	J22 AWY-HI	35.90480 -83.89470	35,000 ft 10,668 m	133	VOLUNTEER (KNOXVILLE)
CALCO FIX	J22 AWY-HI	34.34530 -86.01940	35,000 ft 10,668 m	140	-
VUZ VOR	J22 AWY-HI	33.67010 -86.89980	35,000 ft 10,668 m	59	VULCAN (BIRMINGHAM)
FIBER FIX	J52 AWY-HI	33.62850 -87.28170	35,000 ft 10,668 m	19	-
BESOM FIX	V278 AWY-LO	33.58630 -87.65650	35,000 ft 10,668 m	18	-
LAREY FIX	Q38 AWY-HI	32.00330 -91.37280	35,000 ft 10,668 m	210	-
INCIN FIX	Q38 AWY-HI	31.35250 -92.75500	33,600 ft 10,241 m	80	-
ROKIT FIX	Q38 AWY-HI	30.49720 -94.51380	11,300 ft 3,444 m	104	-
KIAH APT	-	29.98540 -95.34120	0 ft 0 m	52	George Bush Intercontinental

## 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 030554Z 08014G18KT 10SM SCT280 21/07 A3000 RMK A02 SLP159 T02060067 10300 20194 51010

## TAF

TAF KPHL 030527Z 0306/0412 06010KT P6SM SCT250 FM031000 08012KT P6SM OVC020 FM031500 08012KT P6SM BKN250 FM031800

## 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

## KIAH

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 5

Elevation: 98 ft / 30 m  
Location: 29.985400 -95.341200  
Magnetic Var: 1.732 E

## METAR

KIAH 030553Z 11005KT 7SM BKN016 BKN250 22/22 A2981 RMK A02 SLP092 T02220217 10261 20222 402720200 58000

## TAF

TAF KIAH 030520Z 0306/0412 14006KT P6SM BKN023 BKN250 FM030900 11004KT P6SM VCSH BKN015 FM031600 15008KT P6SM VCTS

## Frequencies

REC - 124.05 MHz - D-ATIS  
CLD - 128.10 MHz - CLEARANCE DELIVERY  
GND - 121.70 MHz - HOUSTON GROUND  
TWR - 120.72 MHz - HOUSTON TOWER  
TWR - 135.15 MHz - HOUSTON TOWER  
APP - 120.05 MHz - HOUSTON APPROACH  
DEP - 126.67 MHz - HOUSTON DEPARTURE  
DEP - 133.60 MHz - HOUSTON DEPARTURE

REC - 122.95 MHz - UNICOM  
GND - 119.95 MHz - HOUSTON GROUND  
GND - 118.57 MHz - HOUSTON GROUND  
TWR - 125.35 MHz - HOUSTON TOWER  
TWR - 127.30 MHz - HOUSTON TOWER  
APP - 124.35 MHz - HOUSTON APPROACH  
DEP - 132.25 MHz - HOUSTON DEPARTURE  
DEP - 127.12 MHz - HOUSTON DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	151 ft	10,010 ft	152.07	CONCRETE	0 ft	407 ft
	46 m	3,051 m	150.34		0 m	124 m
33L	151 ft	10,010 ft	332.08	CONCRETE	0 ft	407 ft
	46 m	3,051 m	330.35		0 m	124 m
15L	151 ft	12,013 ft	152.08	CONCRETE	0 ft	413 ft
	46 m	3,662 m	150.34		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.35		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.21		0 m	118 m
26R	151 ft	9,008 ft	269.96	CONCRETE	0 ft	387 ft
	46 m	2,746 m	268.23		0 m	118 m
08R	151 ft	9,412 ft	89.96	CONCRETE	0 ft	384 ft
	46 m	2,869 m	88.22		0 m	117 m
26L	151 ft	9,412 ft	269.97	CONCRETE	0 ft	384 ft
	46 m	2,869 m	268.24		0 m	117 m
09	151 ft	10,009 ft	89.95	CONCRETE	0 ft	387 ft
	46 m	3,051 m	88.22		0 m	118 m
27	151 ft	10,009 ft	269.97	CONCRETE	0 ft	387 ft
	46 m	3,051 m	268.24		0 m	118 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IBZU	111.55 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
08R	DME	IIAH	109.70 MHz	18 nm	-	-	109 ft
				33 km	-		109 m
09	DME	IUYO	110.90 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	IJYV	109.70 MHz	18 nm	-	-	109 ft
				33 km	-		109 m
26R	DME	IOND	111.55 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27	DME	IGHI	110.90 MHz	18 nm	-	-	100 ft
				33 km	-		100 m
08L	LOC-ILS	IBZU	111.55 MHz	18 nm	89.95	-	98 ft
				33 km	88.22		98 m
08R	LOC-ILS	IIAH	109.70 MHz	18 nm	89.96	-	98 ft
				33 km	88.23		98 m
09	LOC-ILS	IUYO	110.90 MHz	18 nm	89.96	-	98 ft
				33 km	88.23		98 m
15R	LOC-ILS	ILKM	111.15 MHz	18 nm	152.08	-	98 ft
				33 km	150.35		98 m
26L	LOC-ILS	IJYV	109.70 MHz	18 nm	269.96	-	98 ft
				33 km	268.23		98 m
26R	LOC-ILS	IOND	111.55 MHz	18 nm	269.95	-	98 ft
				33 km	268.22		98 m
27	LOC-ILS	IGHI	110.90 MHz	18 nm	269.96	-	98 ft
				33 km	268.23		98 m
33R	LOC-ILS	ICDG	111.90 MHz	18 nm	332.09	-	98 ft
				33 km	330.36		98 m
08L	GS	IBZU	111.55 MHz	10 nm	89.95	3.00	98 ft
				19 km	88.22		98 m
08R	GS	IIAH	109.70 MHz	10 nm	89.96	3.00	98 ft
				19 km	88.23		98 m
09	GS	IUYO	110.90 MHz	10 nm	89.96	3.00	98 ft
				19 km	88.23		98 m
15R	GS	ILKM	111.15 MHz	10 nm	152.08	3.00	98 ft
				19 km	150.35		98 m
26L	GS	IJYV	109.70 MHz	10 nm	269.96	3.00	98 ft
				19 km	268.23		98 m
26R	GS	IOND	111.55 MHz	10 nm	269.95	3.00	98 ft
				19 km	268.22		98 m
27	GS	IGHI	110.90 MHz	10 nm	269.96	3.00	98 ft
				19 km	268.23		98 m
33R	GS	ICDG	111.90 MHz	10 nm	332.09	3.00	98 ft
				19 km	330.36		98 m