

# KPHL

Philadelphia Intl

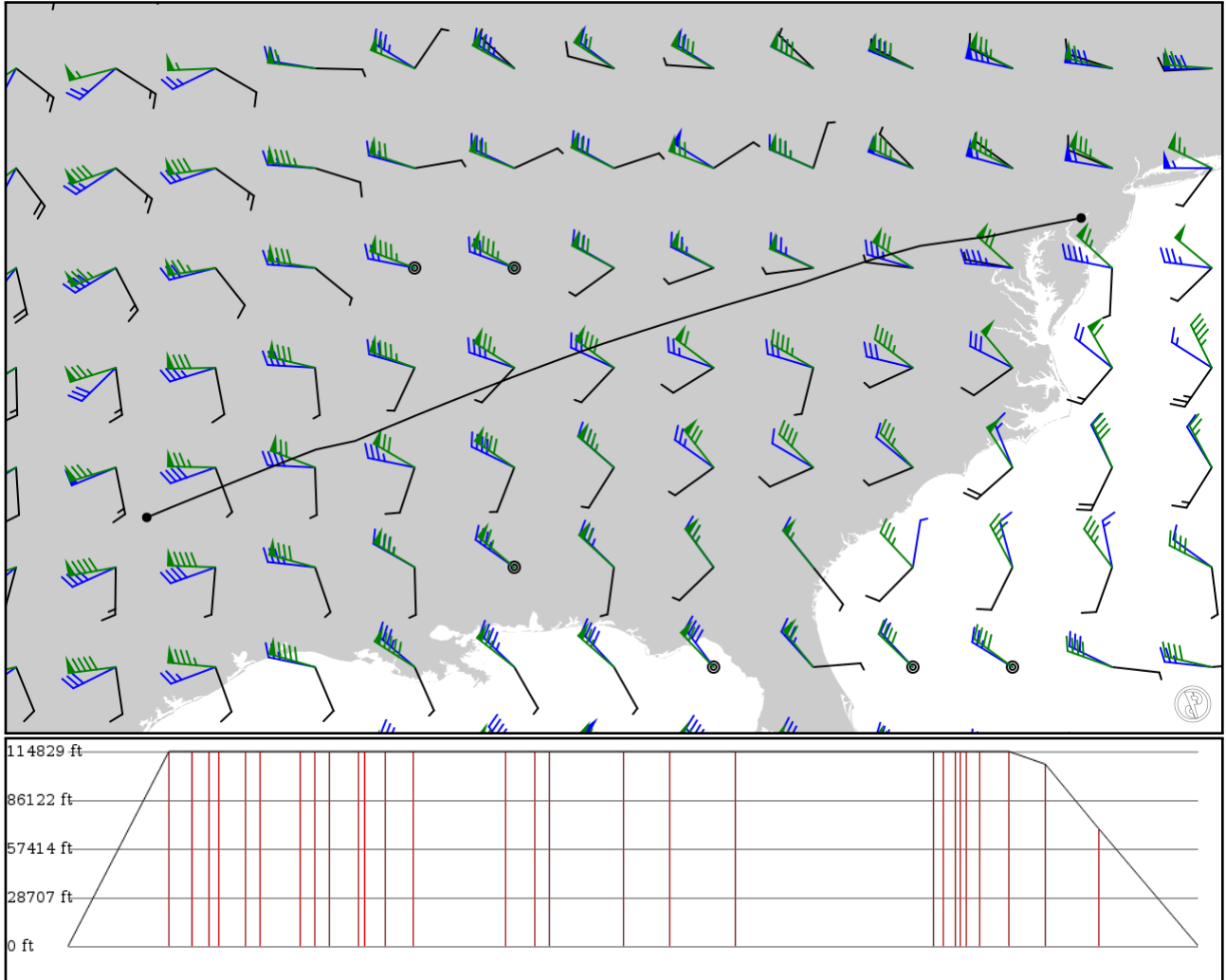
# KDFW

Dallas Fort Worth Intl

2024/06/12 1707Z

KPHL RUANE V166 ESL V4 HVQ J6 LIT V124 YOTUB KDFW

1132.58 nm / 2097.53 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: no
- Use PACOTS: no
- 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
RUANE FIX	-	39.44610 -77.37400	35,000 ft 10,668 m	102	-
MRB VOR	V166 AWY-LO	39.38560 -77.84840	35,000 ft 10,668 m	22	MARTINSBURG
MEPEW FIX	V166 AWY-LO	39.33420 -78.22370	35,000 ft 10,668 m	17	-
CAPON FIX	V166 AWY-LO	39.30550 -78.42980	35,000 ft 10,668 m	9	-
ESL VOR	V166 AWY-LO	39.22550 -78.98950	35,000 ft 10,668 m	26	KESSEL
OMIYO FIX	V4 AWY-LO	39.14190 -79.29250	35,000 ft 10,668 m	14	-
EKN VOR	V4 AWY-LO	38.91440 -80.09930	35,000 ft 10,668 m	40	ELKINS
REACH FIX	V4 AWY-LO	38.81620 -80.39680	35,000 ft 10,668 m	15	-
FILES FIX	V4 AWY-LO	38.72700 -80.66460	35,000 ft 10,668 m	13	-
ITALY FIX	V4 AWY-LO	38.53370 -81.23600	35,000 ft 10,668 m	29	-
CAMMA FIX	V4 AWY-LO	38.49050 -81.36210	35,000 ft 10,668 m	6	-
HVQ VOR	V4 AWY-LO	38.34970 -81.76990	35,000 ft 10,668 m	20	CHARLESTON
SPAYD FIX	J6 AWY-HI	38.19350 -82.32460	35,000 ft 10,668 m	27	-
YOCKY FIX	J6 AWY-HI	37.65410 -84.15620	35,000 ft 10,668 m	92	-
UNCKL FIX	J6 AWY-HI	37.48140 -84.71630	35,000 ft 10,668 m	28	-
RYANS FIX	J6 AWY-HI	37.38800 -85.01700	35,000 ft 10,668 m	15	-
BWG VOR	J6 AWY-HI	36.92870 -86.44340	35,000 ft 10,668 m	73	BOWLING GREEN
LAJUG FIX	J6 AWY-HI	36.61210 -87.31590	35,000 ft 10,668 m	46	-
SOPIE FIX	J6 AWY-HI	36.14370 -88.56330	35,000 ft 10,668 m	66	-
LIT VOR	J6 AWY-HI	34.67770 -92.18050	35,000 ft 10,668 m	197	LITTLE ROCK
JENAN FIX	V124 AWY-LO	34.63170 -92.39370	35,000 ft 10,668 m	10	-
BEGAN FIX	V124 AWY-LO	34.58470 -92.61000	35,000 ft 10,668 m	11	-
TAYUV FIX	V124 AWY-LO	34.56320 -92.70800	35,000 ft 10,668 m	5	-
LONNS FIX	V124 AWY-LO	34.53750 -92.82490	35,000 ft 10,668 m	5	-
HOT VOR	V124 AWY-LO	34.47860 -93.09060	35,000 ft 10,668 m	13	HOT SPRINGS
NEPRE	V124	34.26710	35,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-93.63800	10,668 m		
DEENS	V124	34.00740	32,700 ft	36	-
FIX	AWY-LO	-94.29800	9,967 m		
YOTUB	V124	33.61580	21,100 ft	53	-
FIX	AWY-LO	-95.26910	6,431 m		
KDFW	-	32.89720	0 ft	98	Dallas Fort Worth Intl
APT	-	-97.03770	0 m		

## KPHL

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 36 ft / 11 m  
Location: 39.874100 -75.236800  
Magnetic Var: 11.989 W

## METAR

KPHL 121554Z 31008KT 10SM SCT055 SCT210 BKN260 24/11 A3004 RMK A02 SLP173 T02390106

## TAF

TAF AMD KPHL 121446Z 1215/1318 26006KT P6SM FEW040 SCT250 FM130000 23004KT P6SM FEW050 SCT250 FM131100 20007KT P6SM

## 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	87.40		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

## KDFW

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 7

Elevation: 604 ft / 184 m  
Location: 32.897200 -97.037700  
Magnetic Var: 2.721 E

## METAR

KDFW 121553Z 00000KT 10SM FEW035 FEW070 28/21 A3000 RMK A02 SLP149 T02830206

## TAF

KDFW 121500Z 1215/1318 12007KT P6SM BKN250

## Frequencies

REC - 123.77 MHz - ATIS ARRIVAL	REC - 135.92 MHz - ATIS DEPARTURE
COM - 122.95 MHz - UNICOM	CLD - 128.25 MHz - CLNC DEL
GND - 121.65 MHz - RGNL GND EAST 1	GND - 121.80 MHz - RGNL GND EAST 2
GND - 121.85 MHz - RGNL GND WEST	TWR - 126.55 MHz - RGNL TWR EAST 1
TWR - 127.50 MHz - RGNL TWR EAST 2	TWR - 134.90 MHz - RGNL TWR WEST 1
TWR - 124.15 MHz - RGNL TWR WEST 2	APP - 125.02 MHz - RGNL APP EAST 1
APP - 133.52 MHz - RGNL APP EAST 3	APP - 133.62 MHz - RGNL APP WEST 1
APP - 119.87 MHz - RGNL APP WEST 2	DEP - 118.55 MHz - RGNL DEP EAST 1
DEP - 124.82 MHz - RGNL DEP NORTH 1	DEP - 125.12 MHz - RGNL DEP SOUTH 1
DEP - 126.47 MHz - RGNL DEP WEST 1	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17C	151 ft	13,440 ft	180.26	CONCRETE	0 ft	413 ft
	46 m	4,097 m	177.54		0 m	126 m
35C	151 ft	13,440 ft	0.26	CONCRETE	0 ft	299 ft
	46 m	4,097 m	357.54		0 m	91 m
17L	151 ft	8,523 ft	180.25	CONCRETE	0 ft	400 ft
	46 m	2,598 m	177.53		0 m	122 m
35R	151 ft	8,523 ft	0.25	CONCRETE	0 ft	407 ft
	46 m	2,598 m	357.53		0 m	124 m
18R	151 ft	13,439 ft	180.25	CONCRETE	0 ft	404 ft
	46 m	4,096 m	177.53		0 m	123 m
36L	151 ft	13,439 ft	0.25	CONCRETE	0 ft	299 ft
	46 m	4,096 m	357.53		0 m	91 m
17R	200 ft	13,439 ft	180.26	CONCRETE	0 ft	400 ft
	61 m	4,096 m	177.54		0 m	122 m
35L	200 ft	13,439 ft	0.26	CONCRETE	0 ft	400 ft
	61 m	4,096 m	357.54		0 m	122 m
18L	200 ft	13,439 ft	180.25	CONCRETE	0 ft	404 ft
	61 m	4,096 m	177.53		0 m	123 m
36R	200 ft	13,439 ft	0.25	CONCRETE	0 ft	394 ft
	61 m	4,096 m	357.53		0 m	120 m
13R	151 ft	9,309 ft	139.18	CONCRETE	0 ft	397 ft
	46 m	2,837 m	136.46		0 m	121 m
31L	151 ft	9,309 ft	319.19	CONCRETE	0 ft	400 ft
	46 m	2,837 m	316.47		0 m	122 m
13L	200 ft	9,010 ft	135.41	CONCRETE	630 ft	299 ft
	61 m	2,746 m	132.69		192 m	91 m
31R	200 ft	9,010 ft	315.42	CONCRETE	0 ft	299 ft
	61 m	2,746 m	312.70		0 m	91 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13R	DME	ILWN	109.50 MHz	18 nm	-	-	590 ft
				33 km	-		590 m
17C	DME	IFLQ	110.30 MHz	18 nm	-	-	575 ft
				33 km	-		575 m
17L	DME	IPPZ	111.75 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
17R	DME	IJHZ	111.35 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
18L	DME	ICIX	110.55 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
18R	DME	IVYN	111.90 MHz	18 nm	-	-	584 ft
				33 km	-		584 m
31R	DME	IRRA	110.90 MHz	18 nm	-	-	548 ft
				33 km	-		548 m
35C	DME	IPKQ	110.30 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
35L	DME	IUWX	111.35 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
35R	DME	IAJQ	111.75 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
36L	DME	IBXN	111.90 MHz	18 nm	-	-	584 ft
				33 km	-		584 m
36R	DME	IFJN	110.55 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
13R	LOC-ILS	ILWN	109.50 MHz	18 nm	139.19	-	577 ft
				33 km	136.46		577 m
17C	LOC-ILS	IFLQ	110.30 MHz	18 nm	180.26	-	563 ft
				33 km	177.54		563 m
17L	LOC-ILS	IPPZ	111.75 MHz	18 nm	180.27	-	570 ft
				33 km	177.55		570 m
17R	LOC-ILS	IJHZ	111.35 MHz	18 nm	180.26	-	558 ft
				33 km	177.54		558 m
18L	LOC-ILS	ICIX	110.55 MHz	18 nm	180.25	-	570 ft
				33 km	177.53		570 m
18R	LOC-ILS	IVYN	111.90 MHz	18 nm	180.25	-	580 ft
				33 km	177.53		580 m
31R	LOC-ILS	IRRA	110.90 MHz	18 nm	315.40	-	552 ft
				33 km	312.68		552 m
35C	LOC-ILS	IPKQ	110.30 MHz	18 nm	0.26	-	558 ft
				33 km	357.54		558 m
35L	LOC-ILS	IUWX	111.35 MHz	18 nm	0.26	-	607 ft
				33 km	357.54		607 m
35R	LOC-ILS	IAJQ	111.75 MHz	18 nm	0.27	-	607 ft
				33 km	357.55		607 m
36L	LOC-ILS	IBXN	111.90 MHz	18 nm	0.25	-	598 ft
				33 km	357.53		598 m
36R	LOC-ILS	IFJN	110.55 MHz	18 nm	0.25	-	595 ft
				33 km	357.53		595 m
13R	GS	ILWN	109.50 MHz	10 nm	139.37	3.00	589 ft
				19 km	136.65		589 m
17C	GS	IFLQ	110.30 MHz	10 nm	180.53	3.00	562 ft
				19 km	177.81		562 m
17L	GS	IPPZ	111.75 MHz	10 nm	180.54	3.00	532 ft
				19 km	177.82		532 m
17R	GS	IJHZ	111.35 MHz	10 nm	180.52	3.00	567 ft
				19 km	177.80		567 m
18L	GS	ICIX	110.55 MHz	10 nm	180.49	3.00	594 ft
				19 km	177.77		594 m
18R	GS	IVYN	111.90 MHz	10 nm	180.50	3.00	601 ft
				19 km	177.77		601 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	177.78		601 m
31R	GS	IRRA	110.90 MHz	10 nm	315.80	3.00	513 ft
				19 km	313.08		513 m
35C	GS	IPKQ	110.30 MHz	10 nm	0.52	3.00	563 ft
				19 km	357.80		563 m
35L	GS	IUWX	111.35 MHz	10 nm	0.52	3.00	564 ft
				19 km	357.80		564 m
35R	GS	IAJQ	111.75 MHz	10 nm	0.54	3.00	565 ft
				19 km	357.82		565 m
36L	GS	IBXN	111.90 MHz	10 nm	0.50	3.00	584 ft
				19 km	357.78		584 m
36R	GS	IFJN	110.55 MHz	10 nm	0.49	3.00	577 ft
				19 km	357.77		577 m