

KPHL

Philadelphia Intl

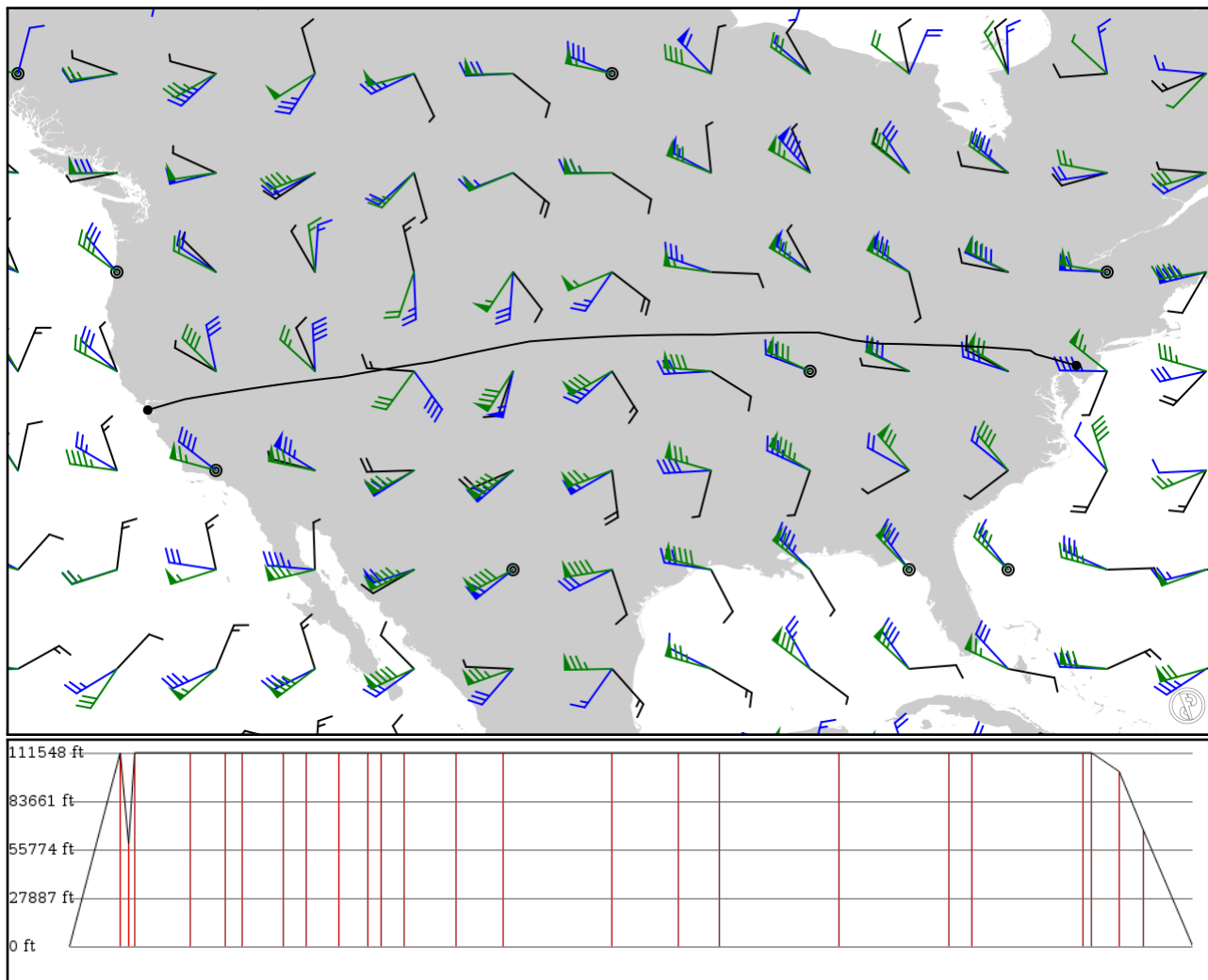
KSFO

San Francisco Intl

2024/05/07 1453Z

KPHL PYCAT **V184** MCMAN **J64** WHETT **J30** JOT **J146** IOW **J10** OBH **J100** EKR **J84** MELTS KSFO

2197.06 nm / 4068.96 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- Cruise Speed: 300kts
- 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	-	39.87387 -75.23739	0 ft 0 m	-	Philadelphia Intl
PYCAT FIX	-	40.44628 -77.28926	34,000 ft 10,363 m	100	-
MCMAN FIX	V184 AWY-LO	40.63781 -77.57064	18,000 ft 5,486 m	17	-
BURNI FIX	J64 AWY-HI	40.65684 -77.80391	34,000 ft 10,363 m	10	-
EWG VOR	J64 AWY-HI	40.82494 -80.21156	34,000 ft 10,363 m	110	ELLWOOD CITY VORTAC
MAINE FIX	J64 AWY-HI	40.89335 -81.68800	34,000 ft 10,363 m	67	-
CASIO FIX	J64 AWY-HI	40.90761 -82.42675	34,000 ft 10,363 m	33	-
GONER FIX	J64 AWY-HI	40.96566 -84.20083	34,000 ft 10,363 m	80	-
FWA VOR	J64 AWY-HI	40.97907 -85.18806	34,000 ft 10,363 m	44	-
WHETT FIX	J64 AWY-HI	41.16018 -86.58415	34,000 ft 10,363 m	64	-
MOPER FIX	J30 AWY-HI	41.43126 -87.78678	34,000 ft 10,363 m	56	-
JOT VOR	J30 AWY-HI	41.54642 -88.31842	34,000 ft 10,363 m	24	JOLIET VORTAC
VORIN FIX	J146 AWY-HI	41.54800 -89.33638	34,000 ft 10,363 m	45	-
IOW DME	J146 AWY-HI	41.51896 -91.61325	34,000 ft 10,363 m	102	IOWA CITY VORTAC
DSM VOR	J10 AWY-HI	41.43761 -93.64856	34,000 ft 10,363 m	91	DES MOINES VORTAC
OBH VOR	J10 AWY-HI	41.37572 -98.35358	34,000 ft 10,363 m	211	WOLBACH VORTAC
ELJAY FIX	J100 AWY-HI	41.22510 -101.22146	34,000 ft 10,363 m	129	-
SNY VOR	J100 AWY-HI	41.09667 -102.98300	34,000 ft 10,363 m	80	SIDNEY VORTAC
EKR VOR	J100 AWY-HI	40.06742 -107.92494	34,000 ft 10,363 m	233	MEEKER VOR-DME
DTA VOR	J84 AWY-HI	39.30222 -112.50556	34,000 ft 10,363 m	216	DELTA VORTAC
PAWLY FIX	J84 AWY-HI	39.19714 -113.43983	34,000 ft 10,363 m	43	-
MVA VOR	J84 AWY-HI	38.56531 -118.03286	34,000 ft 10,363 m	218	MINA VORTAC
BABIT FIX	J84 AWY-HI	38.51148 -118.38457	34,000 ft 10,363 m	16	-
SONNY FIX	J84 AWY-HI	38.33575 -119.48453	30,700 ft 9,357 m	52	-
MELTS FIX	J84 AWY-HI	38.16558 -120.48856	20,400 ft 6,218 m	48	-
KSFO APT	-	37.61867 -122.37501	0 ft 0 m	95	San Francisco Intl

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 071354Z 09006KT 10SM BKN080 22/10 A2983 RMK AO2 SLP100 T02220100

TAF

TAF AMD KPHL 071440Z 0715/0818 08006KT P6SM BKN080 FM071700 22005KT P6SM BKN060 FM080100 19004KT P6SM BKN050 FM080600 18004KT P6SM BKN050

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

KSFO

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

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.844 E

METAR

KSFO 071356Z 25008KT 10SM FEW006 FEW012 11/08 A3009 RMK A02 SLP191 T01110078 VISNO \$

TAF

KSFO 071137Z 0712/0818 27009KT P6SM FEW015 FM071500 34005KT P6SM FEW020 FM071900 28020G25KT P6SM SKC FM080600 270

Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.05		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.07		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.05		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.07		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.87		0 m	136 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m