

KPHL

Philadelphia Intl

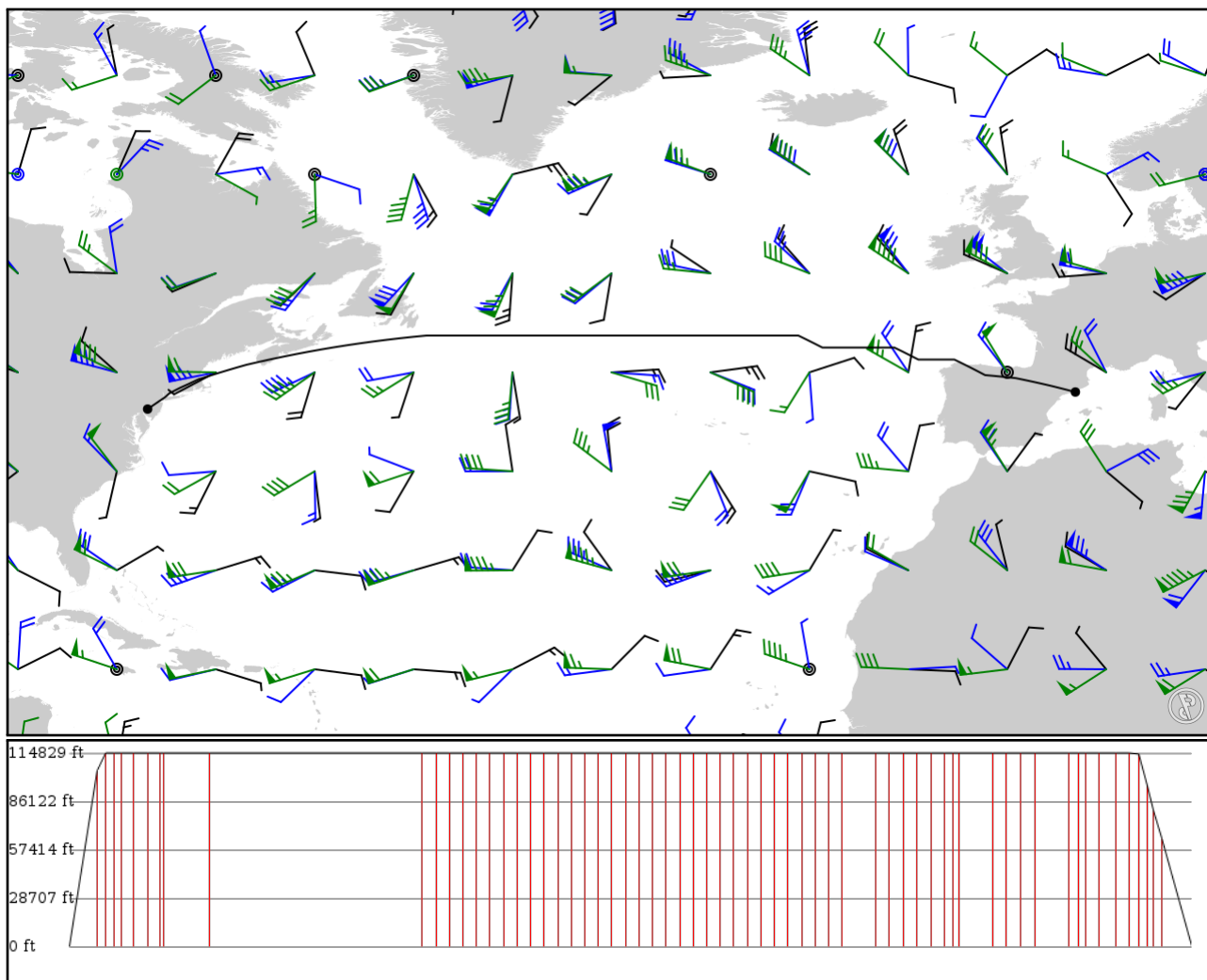
LEBL

Josep Tarradellas Barcelona-El Prat

2024/06/04 0451Z

KPHL LLUND **J42** BOS **J575** TUSKY **N115D** RELIC 4600N05100W 4600N05000W 4600N04900W 4600N04800W
4600N04700W 4600N04600W 4600N04500W 4600N04400W 4600N04300W 4600N04200W 4600N04100W 4600N04000W
4600N03900W 4600N03800W 4600N03700W 4600N03600W 4600N03500W 4600N03400W 4600N03300W 4600N03200W
4600N03100W 4600N03000W 4600N02900W 4600N02800W 4600N02700W 4600N02600W 4600N02500W 4600N02400W
4600N02300W 4600N02200W 4600N02100W 4500N01900W 4500N01800W 4500N01700W 4500N01600W 4500N01500W
4500N01400W NILAV 4500N01300W 4400N01100W 4400N01000W 4400N0900W 4400N0800W 4300N0600W SUSOS
UN725 DIRMU LEBL

3457.75 nm / 6403.76 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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KPHL	-	39.87410	0 ft	-	Philadelphia Intl
APT	-	-75.23680	0 m		
LLUND	-	40.86250	31,800 ft	89	-
FIX	-	-73.78260	9,693 m		
SANTT	J42	41.18890	35,000 ft	25	-
FIX	AWY-HI	-73.42330	10,668 m		
PACER	J42	41.43980	35,000 ft	26	-
FIX	AWY-HI	-72.94040	10,668 m		
HFD	J42	41.64110	35,000 ft	21	HARTFORD
VOR	AWY-HI	-72.54740	10,668 m		
PUT	J42	41.95550	35,000 ft	36	PUTNAM
VOR	AWY-HI	-71.84410	10,668 m		
BOS	J42	42.35740	35,000 ft	45	BOSTON
VOR	AWY-HI	-70.98950	10,668 m		
SCUPP	J575	42.60310	35,000 ft	36	-
FIX	AWY-HI	-70.23040	10,668 m		
CANAL	J575	42.66900	35,000 ft	9	-
FIX	AWY-HI	-70.02270	10,668 m		
TUSKY	J575	43.56500	35,000 ft	143	-
FIX	AWY-HI	-67.00000	10,668 m		
RELIC	N115D	46.00000	35,000 ft	654	-
FIX	AWY-HI	-52.00000	10,668 m		
4600N05100W	-	46.00000	35,000 ft	41	-
LATLON	-	-51.00000	10,668 m		
4600N05000W	-	46.00000	35,000 ft	41	-
LATLON	-	-50.00000	10,668 m		
4600N04900W	-	46.00000	35,000 ft	41	-
LATLON	-	-49.00000	10,668 m		
4600N04800W	-	46.00000	35,000 ft	41	-
LATLON	-	-48.00000	10,668 m		
4600N04700W	-	46.00000	35,000 ft	41	-
LATLON	-	-47.00000	10,668 m		
4600N04600W	-	46.00000	35,000 ft	41	-
LATLON	-	-46.00000	10,668 m		
4600N04500W	-	46.00000	35,000 ft	41	-
LATLON	-	-45.00000	10,668 m		
4600N04400W	-	46.00000	35,000 ft	41	-
LATLON	-	-44.00000	10,668 m		
4600N04300W	-	46.00000	35,000 ft	41	-
LATLON	-	-43.00000	10,668 m		
4600N04200W	-	46.00000	35,000 ft	41	-
LATLON	-	-42.00000	10,668 m		
4600N04100W	-	46.00000	35,000 ft	41	-
LATLON	-	-41.00000	10,668 m		
4600N04000W	-	46.00000	35,000 ft	41	-
LATLON	-	-40.00000	10,668 m		
4600N03900W	-	46.00000	35,000 ft	41	-
LATLON	-	-39.00000	10,668 m		
4600N03800W	-	46.00000	35,000 ft	41	-
LATLON	-	-38.00000	10,668 m		
4600N03700W	-	46.00000	35,000 ft	41	-
LATLON	-	-37.00000	10,668 m		
4600N03600W	-	46.00000	35,000 ft	41	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-36.00000	10,668 m		
4600N03500W	-	46.00000	35,000 ft	41	-
LATLON	-	-35.00000	10,668 m		
4600N03400W	-	46.00000	35,000 ft	41	-
LATLON	-	-34.00000	10,668 m		
4600N03300W	-	46.00000	35,000 ft	41	-
LATLON	-	-33.00000	10,668 m		
4600N03200W	-	46.00000	35,000 ft	41	-
LATLON	-	-32.00000	10,668 m		
4600N03100W	-	46.00000	35,000 ft	41	-
LATLON	-	-31.00000	10,668 m		
4600N03000W	-	46.00000	35,000 ft	41	-
LATLON	-	-30.00000	10,668 m		
4600N02900W	-	46.00000	35,000 ft	41	-
LATLON	-	-29.00000	10,668 m		
4600N02800W	-	46.00000	35,000 ft	41	-
LATLON	-	-28.00000	10,668 m		
4600N02700W	-	46.00000	35,000 ft	41	-
LATLON	-	-27.00000	10,668 m		
4600N02600W	-	46.00000	35,000 ft	41	-
LATLON	-	-26.00000	10,668 m		
4600N02500W	-	46.00000	35,000 ft	41	-
LATLON	-	-25.00000	10,668 m		
4600N02400W	-	46.00000	35,000 ft	41	-
LATLON	-	-24.00000	10,668 m		
4600N02300W	-	46.00000	35,000 ft	41	-
LATLON	-	-23.00000	10,668 m		
4600N02200W	-	46.00000	35,000 ft	41	-
LATLON	-	-22.00000	10,668 m		
4600N02100W	-	46.00000	35,000 ft	41	-
LATLON	-	-21.00000	10,668 m		
4500N01900W	-	45.00000	35,000 ft	103	-
LATLON	-	-19.00000	10,668 m		
4500N01800W	-	45.00000	35,000 ft	42	-
LATLON	-	-18.00000	10,668 m		
4500N01700W	-	45.00000	35,000 ft	42	-
LATLON	-	-17.00000	10,668 m		
4500N01600W	-	45.00000	35,000 ft	42	-
LATLON	-	-16.00000	10,668 m		
4500N01500W	-	45.00000	35,000 ft	42	-
LATLON	-	-15.00000	10,668 m		
4500N01400W	-	45.00000	35,000 ft	42	-
LATLON	-	-14.00000	10,668 m		
NILAV	-	45.00000	35,000 ft	24	-
FIX	-	-13.41670	10,668 m		
4500N01300W	-	45.00000	35,000 ft	17	-
LATLON	-	-13.00000	10,668 m		
4400N01100W	-	44.00000	35,000 ft	104	-
LATLON	-	-11.00000	10,668 m		
4400N01000W	-	44.00000	35,000 ft	43	-
LATLON	-	-10.00000	10,668 m		
4400N0900W	-	44.00000	35,000 ft	43	-
LATLON	-	-9.00000	10,668 m		
4400N0800W	-	44.00000	35,000 ft	43	-
LATLON	-	-8.00000	10,668 m		
4300N0600W	-	43.00000	35,000 ft	105	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-6.00000	10,668 m		
SUSOS	-	42.70650	35,000 ft	30	-
FIX	-	-5.44269	10,668 m		
NUBLO	UN725	42.66600	35,000 ft	20	-
FIX	AWY-HI	-4.98889	10,668 m		
RATAS	UN725	42.57440	35,000 ft	42	-
FIX	AWY-HI	-4.03078	10,668 m		
DGO	UN725	42.45330	35,000 ft	51	DOMINGO
VOR	AWY-HI	-2.88069	10,668 m		
VASUM	UN725	42.27190	35,000 ft	40	-
FIX	AWY-HI	-2.01100	10,668 m		
LARDA	UN725	42.13160	34,800 ft	30	-
FIX	AWY-HI	-1.36208	10,607 m		
ZARKO	UN725	42.00490	29,100 ft	26	-
FIX	AWY-HI	-0.79281	8,870 m		
VAKIN	UN725	41.90480	24,700 ft	20	-
FIX	AWY-HI	-0.35331	7,529 m		
DIRMU	UN725	41.78550	19,600 ft	24	-
FIX	AWY-HI	0.15958	5,974 m		
LEBL	-	41.29510	0 ft	91	Josep Tarradellas Barcelona-El Prat
APT	-	2.08803	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 040354Z 09003KT 10SM BKN070 BKN100 23/19 A2994 RMK A02 SLP136 T02280194 \$

TAF

TAF AMD KPHL 040257Z 0403/0506 06004KT P6SM BKN060 FM041200 09005KT P6SM SCT060 FM041800 12007KT P6SM FEW050 BKN200

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

LEBL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 3

Elevation: 14 ft / 4 m
Location: 41.295100 2.088030
Magnetic Var: 1.549 E

METAR

LEBL 040430Z 32004KT 9999 FEW018 18/14 Q1015 NOSIG

TAF

TAF LEBL 032300Z 0400/0424 24004KT 9999 FEW025 TX24/0412Z TN16/0405Z BECMG 0400/0402 32005KT BECMG 0407/0409 2101

Frequencies

REC - 121.97 MHz - ATIS	REC - 118.65 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER	TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER	TWR - 122.10 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND	GND - 121.70 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND	CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 121.15 MHz - BARCELONA APPROACH	APP - 119.10 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH	APP - 133.97 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH	APP - 127.70 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH	APP - 124.70 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	8,307 ft	18.91	ASPHALT	0 ft	0 ft
	45 m	2,532 m	17.36		0 m	0 m
20	148 ft	8,307 ft	198.92	ASPHALT	0 ft	226 ft
	45 m	2,532 m	197.37		0 m	69 m
07R	197 ft	8,722 ft	65.48	ASPHALT	0 ft	0 ft
	60 m	2,658 m	63.94		0 m	0 m
25L	197 ft	8,722 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	2,658 m	243.95		0 m	0 m
07L	197 ft	10,984 ft	65.48	ASPHALT	1,401 ft	0 ft
	60 m	3,348 m	63.93		427 m	0 m
25R	197 ft	10,984 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	3,348 m	243.96		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm	-	-	12 ft
				46 km	-		12 m
07L	DME	QAA	110.30 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
07R	DME	BLE	110.75 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25L	DME	BLW	111.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
25R	DME	BCA	109.50 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm	18.92	-	14 ft
				33 km	17.37		14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm	65.50	-	14 ft
				33 km	63.95		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.95		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.95		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.95		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.37		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.95		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.95		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.95		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.95		14 m