

KPHL

Philadelphia Intl

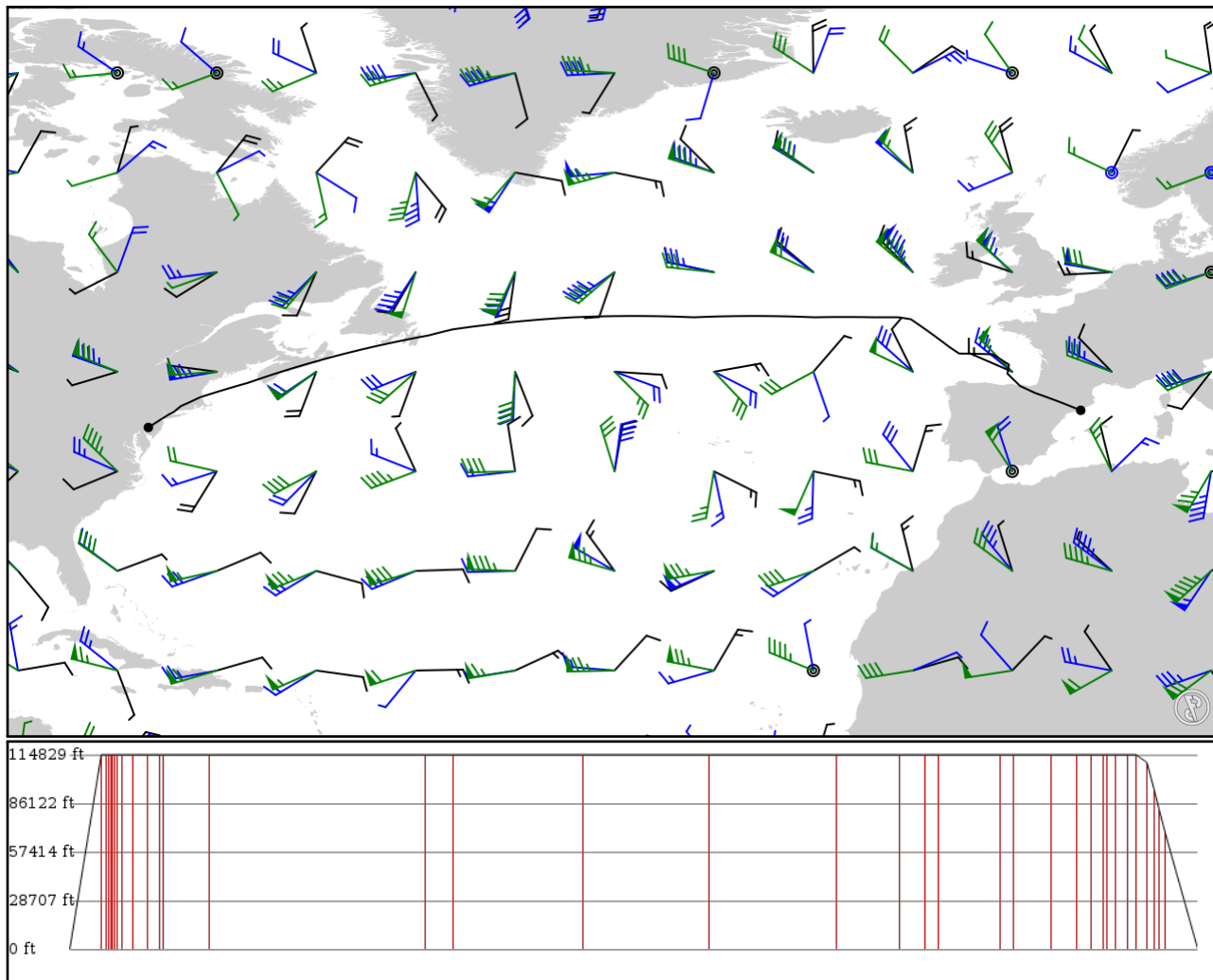
LEBL

Josep Tarradellas Barcelona-El Prat

2024/06/04 0932Z

KPHL WRENN **V433** BDR **V229** HFD **J42** BOS **J575** TUSKY **N201B** NISCO **Y** 48/50 **Z** NASBA OMOKO BUNAV RIVAK
UN460 ERWAN PEPET **UN864** DELOG **G23** BLV **UM601** POSSY LEBL

3503.15 nm / 6487.84 km



Notes

Using NAT tracks from 13/11/2022

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
WRENN FIX	-	40.94720 -73.54830	35,000 ft 10,668 m	100	-
PRENO FIX	V433 AWY-LO	41.06550 -73.31400	35,000 ft 10,668 m	12	-
BDR VOR	V433 AWY-LO	41.16070 -73.12450	35,000 ft 10,668 m	10	BRIDGEPORT
MILUM FIX	V229 AWY-LO	41.22270 -73.05070	35,000 ft 10,668 m	4	-
BAYYS FIX	V229 AWY-LO	41.28920 -72.97130	35,000 ft 10,668 m	5	-
DWAIN FIX	V229 AWY-LO	41.29950 -72.95910	35,000 ft 10,668 m	0	-
SEALL FIX	V229 AWY-LO	41.39270 -72.84740	35,000 ft 10,668 m	7	-
SNIVL FIX	V229 AWY-LO	41.47950 -72.74300	35,000 ft 10,668 m	7	-
HFD VOR	V229 AWY-LO	41.64110 -72.54740	35,000 ft 10,668 m	13	HARTFORD
PUT VOR	J42 AWY-HI	41.95550 -71.84410	35,000 ft 10,668 m	36	PUTNAM
BOS VOR	J42 AWY-HI	42.35740 -70.98950	35,000 ft 10,668 m	45	BOSTON
SCUPP FIX	J575 AWY-HI	42.60310 -70.23040	35,000 ft 10,668 m	36	-
CANAL FIX	J575 AWY-HI	42.66900 -70.02270	35,000 ft 10,668 m	9	-
TUSKY FIX	J575 AWY-HI	43.56500 -67.00000	35,000 ft 10,668 m	143	-
NICSO FIX	N201B AWY-HI	47.50000 -52.00000	35,000 ft 10,668 m	672	-
48/50 LATLON	Y NAT	48.00000 -50.00000	35,000 ft 10,668 m	86	-
49/40 LATLON	Z NAT	49.00000 -40.00000	35,000 ft 10,668 m	402	-
49/30 LATLON	Z NAT	49.00000 -30.00000	35,000 ft 10,668 m	393	-
49/20 LATLON	Z NAT	49.00000 -20.00000	35,000 ft 10,668 m	393	-
BEDRA FIX	Z NAT	49.00000 -15.00000	35,000 ft 10,668 m	196	-
NASBA FIX	Z NAT	49.00000 -13.00000	35,000 ft 10,668 m	78	-
OMOKO FIX	-	48.83890 -12.00000	35,000 ft 10,668 m	40	-
BUNAV FIX	-	46.50000 -8.75000	35,000 ft 10,668 m	192	-
RIVAK FIX	-	46.00000 -8.00000	35,000 ft 10,668 m	43	-
ERWAN FIX	UN460 AWY-HI	45.93690 -5.22139	35,000 ft 10,668 m	116	-
PEPET	-	45.08420	35,000 ft	76	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-3.86722	10,668 m		
DELOG	UN864	44.32890	35,000 ft	45	-
FIX	AWY-HI	-3.98750	10,668 m		
XORNA	G23	43.81240	35,000 ft	38	-
FIX	AWY-LO	-3.45161	10,668 m		
DOSUL	G23	43.68060	35,000 ft	9	-
FIX	AWY-LO	-3.31667	10,668 m		
BLV	G23	43.30440	35,000 ft	28	BILBAO
VOR	AWY-LO	-2.93589	10,668 m		
CEGAM	UM601	42.98370	35,000 ft	36	-
FIX	AWY-HI	-2.23636	10,668 m		
PPN	UM601	42.73370	35,000 ft	27	PAMPLONA
VOR	AWY-HI	-1.70200	10,668 m		
RONKO	UM601	42.49600	33,600 ft	32	-
FIX	AWY-HI	-1.03067	10,241 m		
SURCO	UM601	42.32880	28,700 ft	22	-
FIX	AWY-HI	-0.56794	8,748 m		
MARIO	UM601	42.21020	25,200 ft	16	-
FIX	AWY-HI	-0.24411	7,681 m		
POSSY	UM601	42.06130	21,000 ft	19	-
FIX	AWY-HI	0.15717	6,401 m		
LEBL	-	41.29510	0 ft	98	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 040854Z 09004KT 6SM BR FEW110 21/19 A2993 RMK A02 SLP134 T02060194 56004 \$

TAF

TAF AMD KPHL 040904Z 0409/0512 09004KT 6SM BR SCT100 FM041200 10006KT P6SM SCT100 FM041600 12007KT P6SM FEW045 BKN

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 040900Z 20011KT 160V220 9999 FEW020 21/18 Q1015 NOSIG

TAF

TAF LEBL 040500Z 0406/0506 32005KT 9999 FEW025 TX25/0412Z TN18/0505Z BECMG 0407/0409 21012KT BECMG 0419/0422 VRB0

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