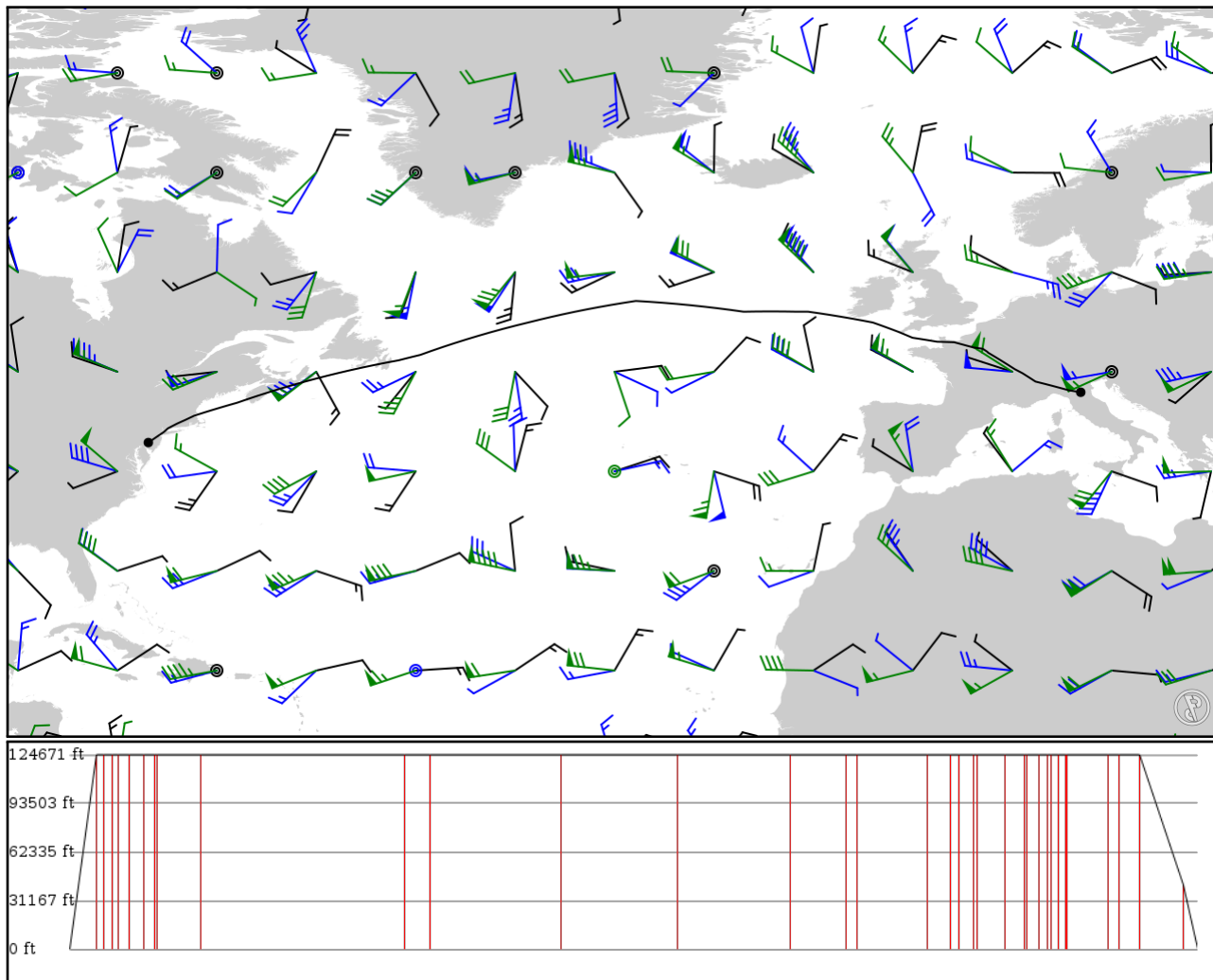


2024/06/10 0159Z

KPHL LLUND J42 BOS J575 TUSKY N201B NICSO X XETBO LESLU UM142 LND UN160 PIGOP UN491 RESMI UL612
OGULO UQ223 LURAG UT293 LOGDI LIPE

3724.41 nm / 6897.61 km



Notes

Using NAT tracks from 9/1/2019

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- Cruise Speed: 340kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes

- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KPHL APT	-	39.87390 -75.23740	0 ft 0 m	-	Philadelphia Intl
LLUND FIX	-	40.86250 -73.78260	38,000 ft 11,582 m	89	-
SANTT FIX	J42 AWY-HI	41.18890 -73.42330	38,000 ft 11,582 m	25	-
PACER FIX	J42 AWY-HI	41.43980 -72.94040	38,000 ft 11,582 m	26	-
HFD VOR	J42 AWY-HI	41.64110 -72.54740	38,000 ft 11,582 m	21	HARTFORD
PUT VOR	J42 AWY-HI	41.95550 -71.84410	38,000 ft 11,582 m	36	PUTNAM
BOS VOR	J42 AWY-HI	42.35740 -70.98950	38,000 ft 11,582 m	45	BOSTON
SCUPP FIX	J575 AWY-HI	42.60310 -70.23040	38,000 ft 11,582 m	36	-
CANAL FIX	J575 AWY-HI	42.66900 -70.02270	38,000 ft 11,582 m	9	-
TUSKY FIX	J575 AWY-HI	43.56500 -67.00000	38,000 ft 11,582 m	143	-
NICSO FIX	N201B AWY-HI	47.50000 -52.00000	38,000 ft 11,582 m	672	-
48/50 LATLON	X NAT	48.00000 -50.00000	38,000 ft 11,582 m	86	-
51/40 LATLON	X NAT	51.00000 -40.00000	38,000 ft 11,582 m	429	-
53/30 LATLON	X NAT	53.00000 -30.00000	38,000 ft 11,582 m	388	-
52/20 LATLON	X NAT	52.00000 -20.00000	38,000 ft 11,582 m	370	-
LIMRI FIX	X NAT	52.00000 -15.00000	38,000 ft 11,582 m	184	-
XETBO FIX	X NAT	52.00000 -14.00000	38,000 ft 11,582 m	36	-
LESLU FIX	- -	51.00000 -8.00000	38,000 ft 11,582 m	232	-
INSUN FIX	UM142 AWY-HI	50.39530 -6.32333	38,000 ft 11,582 m	73	-
LND VOR	UM142 AWY-HI	50.13630 -5.63693	38,000 ft 11,582 m	30	LANDS END
NAKID FIX	UN160 AWY-HI	49.71500 -4.62306	38,000 ft 11,582 m	46	-
LIZAD FIX	UN160 AWY-HI	49.59030 -4.33028	38,000 ft 11,582 m	13	-
JSY VOR	UN160 AWY-HI	49.22110 -2.04615	38,000 ft 11,582 m	91	JERSEY
CAN VOR	UN160 AWY-HI	49.17320 -0.45528	38,000 ft 11,582 m	62	CAEN CARPIQUET
IXINI FIX	UN160 AWY-HI	49.11720 -0.25000	38,000 ft 11,582 m	8	-
BUSUK FIX	UN160 AWY-HI	48.85530 0.71333	38,000 ft 11,582 m	41	-
PIGOP	UN160	48.68580	38,000 ft	26	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	1.33889	11,582 m		
TABOV	UN491	48.64420	38,000 ft	12	-
FIX	AWY-HI	1.64889	11,582 m		
RESMI	UN491	48.56860	38,000 ft	22	-
FIX	AWY-HI	2.19194	11,582 m		
ODEBU	UL612	48.28110	38,000 ft	24	-
FIX	AWY-HI	2.62611	11,582 m		
OGULO	UL612	48.21830	38,000 ft	4	-
FIX	AWY-HI	2.66917	11,582 m		
LUSAR	UQ223	46.66890	38,000 ft	138	-
FIX	AWY-HI	5.17944	11,582 m		
MILPA	UQ223	46.30250	38,000 ft	36	-
FIX	AWY-HI	5.87972	11,582 m		
LURAG	UQ223	45.52780	38,000 ft	68	-
FIX	AWY-HI	7.08889	11,582 m		
LOGDI	UT293	44.71310	12,600 ft	140	-
FIX	AWY-HI	10.19610	3,840 m		
LIPE	-	44.53560	0 ft	47	Bologna
APT	-	11.28830	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 100054Z 29009KT 10SM FEW050 SCT300 24/08 A2964 RMK A02 SLP035 T02440083 \$

TAF

TAF KPHL 092323Z 1000/1106 30010KT P6SM FEW080 FM100200 29006KT P6SM SKC FM101400 30012G20KT P6SM SCT060

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

LIPE

Region: ITALY
Timezone: EUROPE/ROME
Runways: 1

Elevation: 123 ft / 37 m
Location: 44.535600 11.288300
Magnetic Var: 3.641 E

METAR

LIPE 100120Z 28010KT 260V320 9999 -TSRA FEW025CB SCT050 21/18 Q1002 RERA

TAF

TAF LIPE 092300Z 1000/1024 VRB05KT 9999 SCT040 TEMPO 1000/1004 TSRA BECMG 1009/1011 23010KT

Frequencies

REC - 134.87 MHz - ATIS
TWR - 120.80 MHz - BOLOGNA TOWER
APP - 129.90 MHz - BOLOGNA APPROACH
GND - 129.92 MHz - BOLOGNA GROUND
APP - 120.10 MHz - BOLOGNA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	9,206 ft	116.79	ASPHALT	1,017 ft	243 ft
	45 m	2,806 m	113.14		310 m	74 m
30	148 ft	9,206 ft	296.81	ASPHALT	1,188 ft	180 ft
	45 m	2,806 m	293.17		362 m	55 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	BLN	108.90 MHz	18 nm	-	-	131 ft
				33 km	-		131 m
30	DME	IBBP	109.75 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
12	LOC-ILS	BLN	108.90 MHz	18 nm	116.81	-	123 ft
				33 km	113.17		123 m
30	LOC-ILS	IBBP	109.75 MHz	18 nm	296.66	-	123 ft
				33 km	293.02		123 m
12	GS	BLN	108.90 MHz	10 nm	117.59	3.00	120 ft
				19 km	113.95		120 m
30	GS	IBBP	109.75 MHz	10 nm	297.75	3.50	123 ft
				19 km	294.11		123 m