KBOS - LSZH

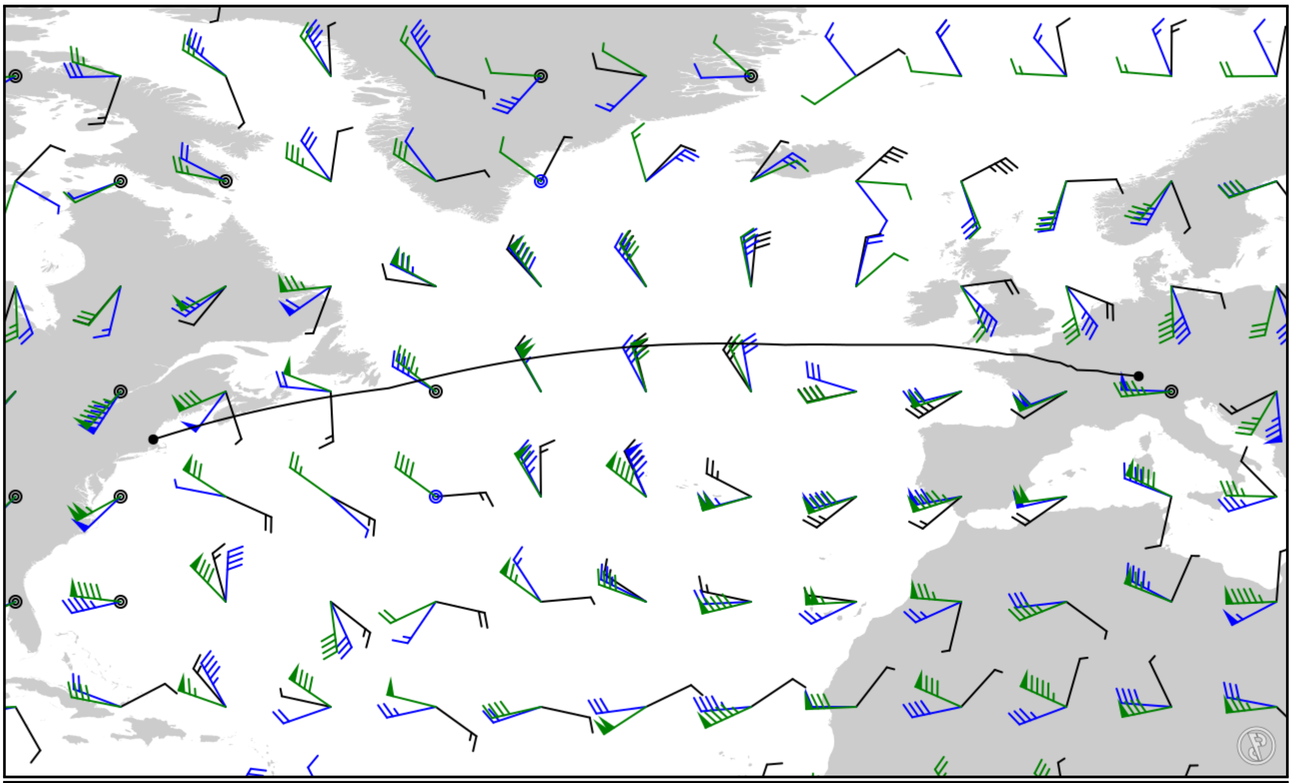
General Edward Lawrence Logan Intl

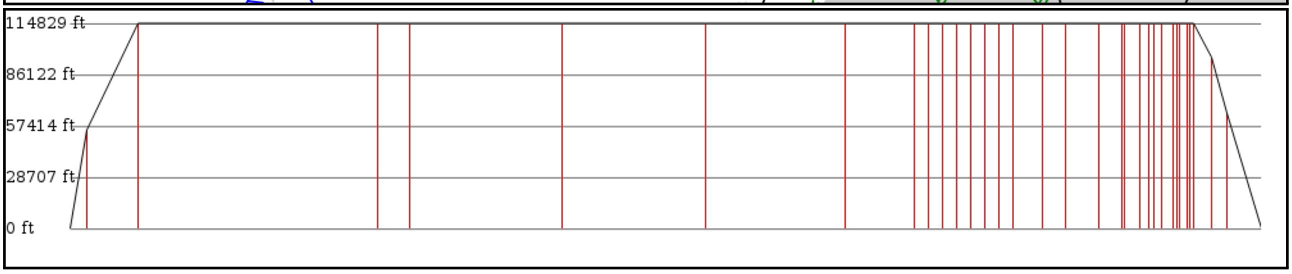
Zurich

2024/03/28 0920Z

KBOS CANAL **J575** TUSKY **N145B** PORTI **W** ATSUR 5000N0-1300W 5000N0-1200W 5000N0-1100W 5000N0-1000W 5000N0-900W GAPLI **UL739** LIZAD **UN160** PIGOP **UN491** RESMI **UM975** PEKIM MOLBA **J301** RLP **G4** LUL LSZH

3282.61 nm / 6079.40 km





Notes

Using NAT tracks from 14/3/2020

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
KBOS APT	- -	42.36300 -71.00680	0 ft 0 m	-	General Edward Lawrence Logan Intl
CANAL FIX	- -	42.66900 -70.02270	16,800 ft 5,121 m	47	-
TUSKY FIX	J575 AWY-HI	43.56500 -67.00000	35,000 ft 10,668 m	143	-
PORTI FIX	N145B AWY-HI	46.50000 -52.00000	35,000 ft 10,668 m	659	-
47/50 LATLON	W NAT	47.00000 -50.00000	35,000 ft 10,668 m	87	-
49/40 LATLON	W NAT	49.00000 -40.00000	35,000 ft 10,668 m	419	-
50/30 LATLON	W NAT	50.00000 -30.00000	35,000 ft 10,668 m	394	-
50/20 LATLON	W NAT	50.00000 -20.00000	35,000 ft 10,668 m	385	-
SOMAX FIX	W NAT	50.00000 -15.00000	35,000 ft 10,668 m	192	-
ATSUR FIX	W NAT	50.00000 -14.00000	35,000 ft 10,668 m	38	-
5000N0-1300W LATLON	- -	50.00000 -13.00000	35,000 ft 10,668 m	38	-
5000N0-1200W LATLON	- -	50.00000 -12.00000	35,000 ft 10,668 m	38	-
5000N0-1100W LATLON	- -	50.00000 -11.00000	35,000 ft 10,668 m	38	-
5000N0-1000W LATLON	- -	50.00000 -10.00000	35,000 ft 10,668 m	38	-
5000N0-900W LATLON	- -	50.00000 -9.00000	35,000 ft 10,668 m	38	-
GAPLI FIX	- -	50.00000 -8.00000	35,000 ft 10,668 m	38	-
MABUG FIX	UL739 AWY-HI	49.78470 -5.93667	35,000 ft 10,668 m	80	-
LIZAD FIX	UL739 AWY-HI	49.59030 -4.33028	35,000 ft 10,668 m	63	-
JSY VOR	UN160 AWY-HI	49.22110 -2.04615	35,000 ft 10,668 m	91	JERSEY
CAN VOR	UN160 AWY-HI	49.17320 -0.45528	35,000 ft 10,668 m	62	CAEN CARPIQUET
IXINI FIX	UN160 AWY-HI	49.11720 -0.25000	35,000 ft 10,668 m	8	-
BUSUK FIX	UN160 AWY-HI	48.85530 0.71333	35,000 ft 10,668 m	41	-
PIGOP FIX	UN160 AWY-HI	48.68580 1.33889	35,000 ft 10,668 m	26	-
TABOV FIX	UN491 AWY-HI	48.64420 1.64889	35,000 ft 10,668 m	12	-
RESMI FIX	UN491 AWY-HI	48.56860 2.19194	35,000 ft 10,668 m	22	-
PEKIM FIX	UM975 AWY-HI	48.27580 2.82556	35,000 ft 10,668 m	30	-
MOLBA	-	48.29500	35,000 ft	9	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	3.06294	10,668 m		
EBOMA	J301	48.20210	35,000 ft	7	-
FIX	AWY-LO	3.20611	10,668 m		
OKRIX	J301	47.96610	35,000 ft	20	-
FIX	AWY-LO	3.56750	10,668 m		
DIVDA	J301	47.95920	35,000 ft	9	-
FIX	AWY-LO	3.80861	10,668 m		
GORET	J301	47.95220	35,000 ft	8	-
FIX	AWY-LO	4.03139	10,668 m		
RLP	J301	47.90630	29,200 ft	49	ROLAMPONT
VOR	AWY-LO	5.24917	8,900 m		
LUL	G4	47.68830	19,700 ft	44	LUXEUIL
VOR	AWY-LO	6.29558	6,005 m		
LSZH	-	47.46350	0 ft	92	Zurich
APT	-	8.54995	0 m		

KBOS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 6

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.294 W

METAR

KBOS 280854Z 31004KT 6SM -RA BR FEW005 BKN013 OVC045 08/07 A3002 RMK AO2 SLP166 P0005 60005 T00780072 55002

TAF

TAF AMD KBOS 280806Z 2808/2912 05004KT P6SM -RA OVC006 FM281500 02003KT 1SM -RA BR OVC003 FM290000 34006KT 3/4SM -

Frequencies

REC - 135.00 MHz - D-ATIS
CLD - 121.65 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - BOSTON GROUND
TWR - 124.72 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH
COM - 122.95 MHz - UNICOM
GND - 121.75 MHz - BOSTON GROUND
TWR - 128.80 MHz - BOSTON TOWER
TWR - 132.22 MHz - BOSTON TOWER
APP - 120.60 MHz - BOSTON APPROACH
DEP - 133.00 MHz - BOSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft 45 m	10,092 ft 3,076 m	135.27 149.56	ASPHALT	883 ft 269 m	197 ft 60 m
33L	148 ft 45 m	10,092 ft 3,076 m	315.29 329.58	ASPHALT	0 ft 0 m	167 ft 51 m
04R	148 ft 45 m	10,012 ft 3,052 m	19.69 33.98	ASPHALT	1,155 ft 352 m	420 ft 128 m
22L	148 ft 45 m	10,012 ft 3,052 m	199.69 213.99	ASPHALT	1,201 ft 366 m	200 ft 61 m
04L	148 ft 45 m	7,871 ft 2,399 m	19.66 33.95	ASPHALT	0 ft 0 m	1,250 ft 381 m
22R	148 ft 45 m	7,871 ft 2,399 m	199.66 213.96	ASPHALT	820 ft 250 m	200 ft 61 m
09	148 ft 45 m	7,008 ft 2,136 m	76.51 90.81	ASPHALT	0 ft 0 m	932 ft 284 m
27	148 ft 45 m	7,008 ft 2,136 m	256.53 270.82	ASPHALT	0 ft 0 m	161 ft 49 m
14	98 ft 30 m	5,005 ft 1,526 m	125.76 140.06	ASPHALT	0 ft 0 m	0 ft 0 m
32	98 ft 30 m	5,005 ft 1,526 m	305.77 320.07	ASPHALT	0 ft 0 m	801 ft 244 m
15L	98 ft 30 m	2,558 ft 780 m	135.31 149.60	ASPHALT	0 ft 0 m	305 ft 93 m
33R	98 ft 30 m	2,558 ft 780 m	315.31 329.61	ASPHALT	0 ft 0 m	59 ft 18 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
15R	DME	IMDC	110.70 MHz	18 nm 33 km	- -	-	27 ft 27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.97	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.57	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.97	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.81	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.57	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.97	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.57	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.97	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.81	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.57	3.00	20 ft 20 m

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.111 E

METAR

LSZH 280850Z 20005KT 110V260 8000 -RA SCT008 BKN060 04/02 Q0996 NOSIG

TAF

TAF LSZH 280825Z 2809/2915 25010KT 9999 SCT020 BKN025 TX12/2815Z TN02/2902Z TX18/2915Z TEMPO 2810/2815 27015G28K

Frequencies

REC - 125.72 MHz - ATIS
GND - 118.15 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER
APP - 135.22 MHz - ZURICH APPROACH
APP - 120.75 MHz - ZURICH FINAL
GND - 121.90 MHz - ZURICH GROUND
GND - 119.75 MHz - ZURICH GROUND
GND - 121.70 MHz - ZURICH APRON
GND - 121.97 MHz - ZURICH APRON
TWR - 120.22 MHz - ZURICH TOWER
APP - 118.00 MHz - ZURICH ARRIVAL
APP - 125.32 MHz - ZURICH FINAL
DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft 60 m	12,181 ft 3,713 m	155.03 151.92	CONCRETE	0 ft 0 m	62 ft 19 m
34	197 ft 60 m	12,181 ft 3,713 m	335.05 331.94	CONCRETE	1,542 ft 470 m	49 ft 15 m
14	197 ft 60 m	10,816 ft 3,297 m	137.29 134.18	CONCRETE	492 ft 150 m	75 ft 23 m
32	197 ft 60 m	10,816 ft 3,297 m	317.31 314.20	CONCRETE	0 ft 0 m	82 ft 25 m
10	197 ft 60 m	8,196 ft 2,498 m	95.99 92.88	CONCRETE	0 ft 0 m	62 ft 19 m
28	197 ft 60 m	8,196 ft 2,498 m	276.02 272.91	CONCRETE	0 ft 0 m	276 ft 84 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm 33 km	- -	-	1,460 ft 1,460 m
16	DME	IZH	110.50 MHz	18 nm 33 km	- -	-	1,400 ft 1,400 m
28	DME	IZW	109.75 MHz	18 nm 33 km	- -	-	1,416 ft 1,416 m
34	DME	IZS	110.75 MHz	18 nm 33 km	- -	-	1,410 ft 1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm 33 km	137.31 134.20	-	1,417 ft 1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm 33 km	155.05 151.94	-	1,417 ft 1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm 33 km	276.01 272.90	-	1,417 ft 1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm 33 km	335.06 331.95	-	1,417 ft 1,417 m
14	GS	IKL	111.75 MHz	10 nm 19 km	137.31 134.20	3.00	1,417 ft 1,417 m
16	GS	IZH	110.50 MHz	10 nm 19 km	155.05 151.94	3.00	1,417 ft 1,417 m
28	GS	IZW	109.75 MHz	10 nm 19 km	276.01 272.90	3.30	1,417 ft 1,417 m
34	GS	IZS	110.75 MHz	10 nm 19 km	335.06 331.95	3.30	1,417 ft 1,417 m