

LIMC

Milano-Malpensa

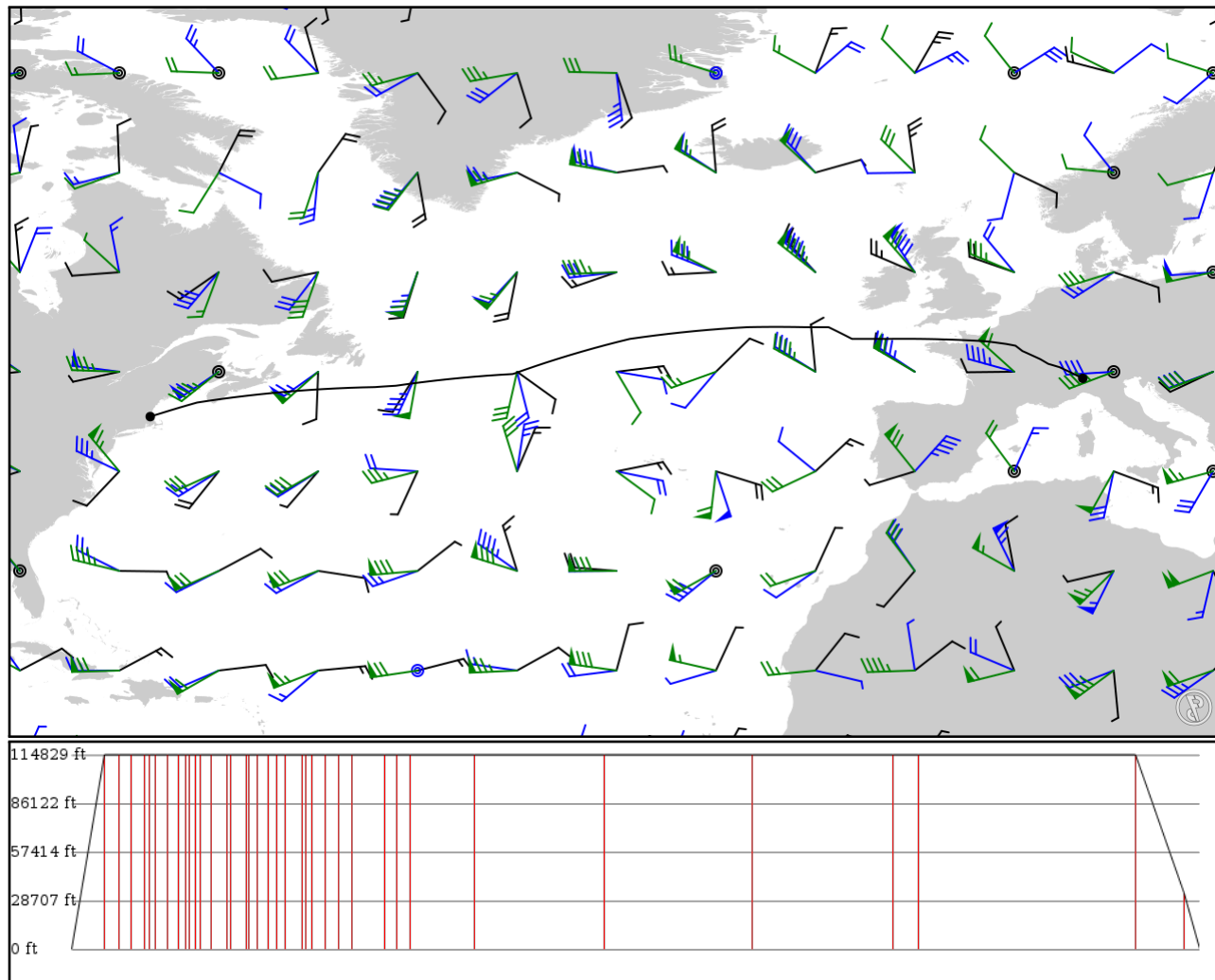
KBOS

General Edward Lawrence Logan Intl

2024/06/07 0419Z

LIMC REVL I **A41** LISMO **A1** DJL **UH10** AMODO **UM729** RESMI **UN491** MOSIS **N491** TAKAS 4900N0900W 4900N01000W
4900N01100W 5000N01300W 5000N01400W SOMAX **C** RAFIN **N86A** TUSKY **J575** CANAL KBOS

3402.72 nm / 6301.84 km



Notes

Using NAT tracks from 17/9/2021

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
LIMC	-	45.63060	0 ft	-	Milano-Malpensa
APT	-	8.72812	0 m		
REVL	-	46.58640	35,000 ft	100	-
FIX	-	6.74333	10,668 m		
LISMO	A41	46.87060	35,000 ft	43	-
FIX	AWY-LO	5.77806	10,668 m		
DJL	A1	47.27080	35,000 ft	36	DIJON LONGVIC
VOR	AWY-LO	5.09733	10,668 m		
OBURO	UH10	47.65170	35,000 ft	40	-
FIX	AWY-HI	4.26472	10,668 m		
CHABY	UH10	47.79670	35,000 ft	15	-
FIX	AWY-HI	3.94861	10,668 m		
OKRIX	UH10	47.96610	35,000 ft	18	-
FIX	AWY-HI	3.56750	10,668 m		
AMODO	UH10	48.41940	35,000 ft	35	-
FIX	AWY-HI	2.98028	10,668 m		
RESMI	UM729	48.56860	35,000 ft	32	-
FIX	AWY-HI	2.19194	10,668 m		
TABOV	UN491	48.64420	35,000 ft	22	-
FIX	AWY-HI	1.64889	10,668 m		
PIGOP	UN491	48.68580	35,000 ft	12	-
FIX	AWY-HI	1.33889	10,668 m		
DITAL	UN491	48.74470	35,000 ft	18	-
FIX	AWY-HI	0.88917	10,668 m		
LGL	UN491	48.79060	35,000 ft	14	L'AIGLE
VOR	AWY-HI	0.53028	10,668 m		
GALBO	UN491	48.83810	35,000 ft	30	-
FIX	AWY-HI	-0.25000	10,668 m		
EKRAS	UN491	48.89940	35,000 ft	49	-
FIX	AWY-HI	-1.49917	10,668 m		
UPALO	UN491	48.91030	35,000 ft	9	-
FIX	AWY-HI	-1.75194	10,668 m		
BASIK	UN491	48.95360	35,000 ft	47	-
FIX	AWY-HI	-2.95111	10,668 m		
BETUV	UN491	48.95440	35,000 ft	6	-
FIX	AWY-HI	-3.12222	10,668 m		
RUSIB	UN491	48.97690	35,000 ft	27	-
FIX	AWY-HI	-3.80861	10,668 m		
NERLA	UN491	48.99310	35,000 ft	32	-
FIX	AWY-HI	-4.63194	10,668 m		
ERPOM	UN491	49.00180	35,000 ft	24	-
FIX	AWY-HI	-5.24092	10,668 m		
DEKOR	UN491	49.00720	35,000 ft	27	-
FIX	AWY-HI	-5.93306	10,668 m		
MOSIS	UN491	49.00720	35,000 ft	50	-
FIX	AWY-HI	-7.21472	10,668 m		
ALUTA	N491	49.00530	35,000 ft	11	-
FIX	AWY-HI	-7.49806	10,668 m		
TAKAS	N491	49.00000	35,000 ft	19	-
FIX	AWY-HI	-8.00000	10,668 m		
4900N0900W	-	49.00000	35,000 ft	39	-
LATLON	-	-9.00000	10,668 m		
4900N01000W	-	49.00000	35,000 ft	39	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-10.00000	10,668 m		
4900N01100W	-	49.00000	35,000 ft	39	-
LATLON	-	-11.00000	10,668 m		
5000N01300W	-	50.00000	35,000 ft	98	-
LATLON	-	-13.00000	10,668 m		
5000N01400W	-	50.00000	35,000 ft	38	-
LATLON	-	-14.00000	10,668 m		
SOMAX	-	50.00000	35,000 ft	38	-
FIX	-	-15.00000	10,668 m		
50/20	C	50.00000	35,000 ft	192	-
LATLON	NAT	-20.00000	10,668 m		
49/30	C	49.00000	35,000 ft	394	-
LATLON	NAT	-30.00000	10,668 m		
46/40	C	46.00000	35,000 ft	443	-
LATLON	NAT	-40.00000	10,668 m		
45/50	C	45.00000	35,000 ft	424	-
LATLON	NAT	-50.00000	10,668 m		
RAFIN	C	44.88330	35,000 ft	77	-
FIX	NAT	-51.80470	10,668 m		
TUSKY	N86A	43.56500	35,000 ft	657	-
FIX	AWY-HI	-67.00000	10,668 m		
CANAL	J575	42.66900	10,100 ft	143	-
FIX	AWY-HI	-70.02270	3,078 m		
KBOS	-	42.36300	0 ft	47	General Edward Lawrence Logan Intl
APT	-	-71.00680	0 m		

LIMC

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 767 ft / 234 m
Location: 45.630600 8.728120
Magnetic Var: 3.131 E

METAR

LIMC 070350Z VRB02KT 9999 R35R/P2000N R17L/1400D R35L/P2000N MIFG NSC 16/15 Q1017 NOSIG

TAF

TAF LIMC 062300Z 0700/0806 VRB05KT 9999 FEW040

Frequencies

REC - 120.02 MHz - ATIS ARRIVAL	REC - 121.62 MHz - ATIS DEPARTURE
CLD - 120.90 MHz - CLEARANCE DELIVERY	GND - 121.82 MHz - MALPENSA GROUND
GND - 121.90 MHz - MALPENSA GROUND	TWR - 119.00 MHz - MALPENSA TOWER
TWR - 128.35 MHz - MALPENSA TOWER	APP - 126.75 MHz - MILANO APPROACH
APP - 125.62 MHz - MILANO APPROACH	APP - 132.70 MHz - MILANO APPROACH
DEP - 126.30 MHz - MILANO DEPARTURE	DEP - 126.75 MHz - MILANO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	197 ft	12,873 ft	169.06	ASPHALT	0 ft	387 ft
	60 m	3,924 m	165.93		0 m	118 m
35L	197 ft	12,873 ft	349.07	ASPHALT	1,319 ft	197 ft
	60 m	3,924 m	345.94		402 m	60 m
17L	197 ft	12,873 ft	169.06	ASPHALT	3,081 ft	207 ft
	60 m	3,924 m	165.93		939 m	63 m
35R	197 ft	12,873 ft	349.07	ASPHALT	0 ft	180 ft
	60 m	3,924 m	345.94		0 m	55 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IMSL	110.75 MHz	25 nm	-	-	792 ft
				46 km	-		792 m
35L	DME	IMA	109.10 MHz	25 nm	-	-	768 ft
				46 km	-		768 m
35R	DME	MLP	109.90 MHz	18 nm	-	-	713 ft
				33 km	-		713 m
17L	LOC-ILS	IMSL	110.75 MHz	18 nm	169.06	-	697 ft
				33 km	165.93		697 m
35L	LOC-ILS	IMA	109.10 MHz	18 nm	349.07	-	767 ft
				33 km	345.94		767 m
35R	LOC-ILS	MLP	109.90 MHz	18 nm	349.07	-	780 ft
				33 km	345.94		780 m
17L	GS	IMSL	110.75 MHz	10 nm	170.24	3.00	792 ft
				19 km	167.11		792 m
35L	GS	IMA	109.10 MHz	10 nm	350.24	3.00	768 ft
				19 km	347.11		768 m
35R	GS	MLP	109.90 MHz	10 nm	350.24	3.00	740 ft
				19 km	347.11		740 m

KBOS

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

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.282 W

METAR

KBOS 070354Z 03005KT 2SM R04R/6000VP6000FT BR OVC002 16/16 A2954 RMK A02 SLP004 VIS NE-SE 1 1/2 T01610161 \$

TAF

TAF AMD KBOS 070253Z 0703/0806 03006KT 1/2SM FG OVC002 FM070600 03004KT 1/4SM FG OVC003 FM070900 35004KT P6SM BKN0

Frequencies

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

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.55		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.57		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.94		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.79		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.81		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.04		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.05		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.59		0 m	18 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		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 33.96	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.56	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.96	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.80	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.56	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.96	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.56	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.96	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.80	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.56	3.00	20 ft 20 m