

# LIME

Bergamo-Orio Al Serio "Il Caravaggio"

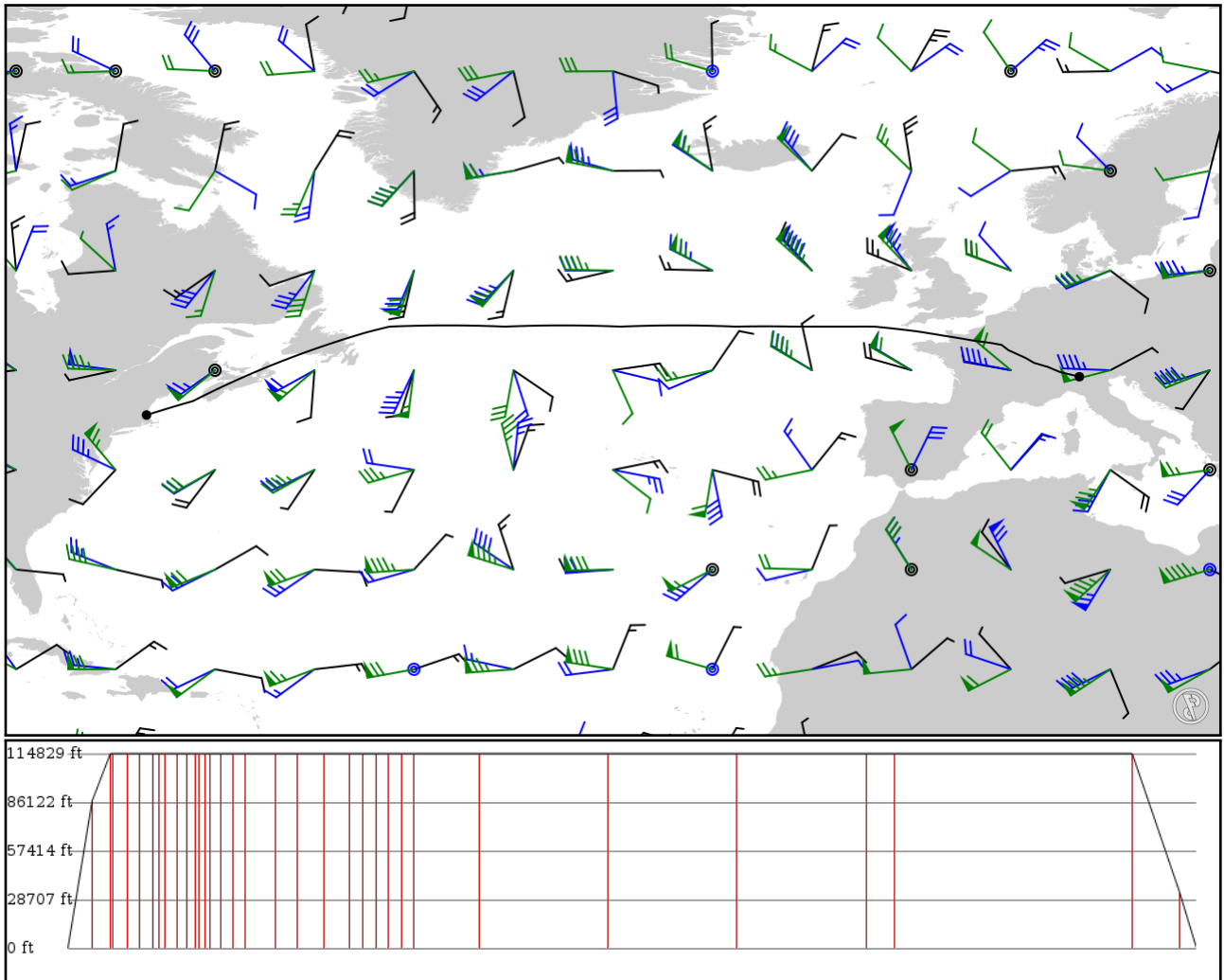
# KBOS

General Edward Lawrence Logan Intl

2024/05/13 0015Z

LIME PUNSA **UL153** SOSAL REVL **A41** LISMO **A1** DJL **UH10** AMODO **UM729** RESMI **UN491** LGL **UN502** JSY **UN160**  
LIZAD **UL739** GAPLI 5000N0-1000W 5000N0-1100W 5000N0-1200W 5000N0-1300W 5000N0-1400W SOMAX **A** ELSIR  
ELSIR **N316A** TUSKY **J575** CANAL KBOS

3374.57 nm / 6249.70 km



## Notes

Using NAT tracks from 1/4/2020

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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
LIME	-	45.67200	0 ft	-	Bergamo-Orio Al Serio	"Il Caravaggio"
APT	-	9.70681	0 m			
PUNSA	-	46.07860	26,500 ft	74	-	
FIX	-	8.02583	8,077 m			
SOSAL	UL153	46.55810	35,000 ft	55	-	
FIX	AWY-HI	6.88444	10,668 m			
REVL	-	46.58640	35,000 ft	6	-	
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			
ARGED	UN502	48.92970	35,000 ft	31	-	
FIX	AWY-HI	-0.25000	10,668 m			
SENLO	UN502	49.08330	35,000 ft	37	-	
FIX	AWY-HI	-1.17833	10,668 m			
JSY	UN502	49.22110	35,000 ft	35	JERSEY	
VOR	AWY-HI	-2.04615	10,668 m			
LIZAD	UN160	49.59030	35,000 ft	91	-	
FIX	AWY-HI	-4.33028	10,668 m			
MABUG	UL739	49.78470	35,000 ft	63	-	
FIX	AWY-HI	-5.93667	10,668 m			
GAPLI	UL739	50.00000	35,000 ft	80	-	
FIX	AWY-HI	-8.00000	10,668 m			
5000N0-1000W	-	50.00000	35,000 ft	77	-	
LATLON	-	-10.00000	10,668 m			
5000N0-1100W	-	50.00000	35,000 ft	38	-	
LATLON	-	-11.00000	10,668 m			
5000N0-1200W	-	50.00000	35,000 ft	38	-	
LATLON	-	-12.00000	10,668 m			
5000N0-1300W	-	50.00000	35,000 ft	38	-	
LATLON	-	-13.00000	10,668 m			
5000N0-1400W	-	50.00000	35,000 ft	38	-	
LATLON	-	-14.00000	10,668 m			
SOMAX	-	50.00000	35,000 ft	38	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-15.00000	10,668 m		
50/20	A	50.00000	35,000 ft	192	-
LATLON	NAT	-20.00000	10,668 m		
50/30	A	50.00000	35,000 ft	385	-
LATLON	NAT	-30.00000	10,668 m		
50/40	A	50.00000	35,000 ft	385	-
LATLON	NAT	-40.00000	10,668 m		
50/50	A	50.00000	35,000 ft	385	-
LATLON	NAT	-50.00000	10,668 m		
ELSIR	A	49.50000	35,000 ft	83	-
FIX	NAT	-52.00000	10,668 m		
ELSIR	-	49.50000	35,000 ft	0	-
FIX	-	-52.00000	10,668 m		
TUSKY	N316A	43.56500	35,000 ft	713	-
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		

## LIME

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 2

Elevation: 776 ft / 237 m  
Location: 45.672000 9.706810  
Magnetic Var: 3.344 E

## METAR

LIME 122350Z AUTO 34003KT 310V080 9999 SCT069/// BKN110/// 18/13 Q1016

## TAF

TAF LIME 122300Z 1300/1324 VRB05KT 9999 SCT040 TEMPO 1300/1308 4000 TSRA TEMPO 1308/1315 SHRA TEMPO 1318/1324 TSRA

## Frequencies

GND - 120.50 MHz - ORIO GROUND  
REC - 114.95 MHz - ATIS  
APP - 126.75 MHz - MILANO RADAR

TWR - 125.87 MHz - ORIO TOWER  
APP - 126.30 MHz - MILANO RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	59 ft	2,670 ft	121.46	ASPHALT	200 ft	0 ft
	18 m	814 m	118.12		61 m	0 m
30	59 ft	2,670 ft	301.47	ASPHALT	312 ft	0 ft
	18 m	814 m	298.12		95 m	0 m
10	148 ft	9,439 ft	104.87	ASPHALT	718 ft	0 ft
	45 m	2,877 m	101.53		219 m	0 m
28	148 ft	9,439 ft	284.90	ASPHALT	443 ft	0 ft
	45 m	2,877 m	281.55		135 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	DME	BRM	108.70 MHz	18 nm	-	-	779 ft
				33 km	-		779 m
28	LOC-ILS	BRM	108.70 MHz	18 nm	285.08	-	779 ft
				33 km	281.74		779 m
28	GS	BRM	108.70 MHz	10 nm	285.80	3.00	779 ft
				19 km	282.46		779 m

## KBOS

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 6

Elevation: 19 ft / 6 m  
Location: 42.363000 -71.006800  
Magnetic Var: 14.286 W

## METAR

KBOS 122354Z 19007KT 10SM FEW035 BKN090 BKN120 OVC200 13/07 A2991 RMK A02 SLP128 T01280067 10139 20122 53010

## TAF

TAF KBOS 122326Z 1300/1406 19008KT P6SM BKN070 FM130700 18007KT P6SM SCT080 FM131500 13010KT P6SM SCT080 FM140000

## 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	149.56		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	213.95		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.80		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.82		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.05		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.06		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	329.60		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 33.97	-	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