

# KBOS

General Edward Lawrence Logan Intl

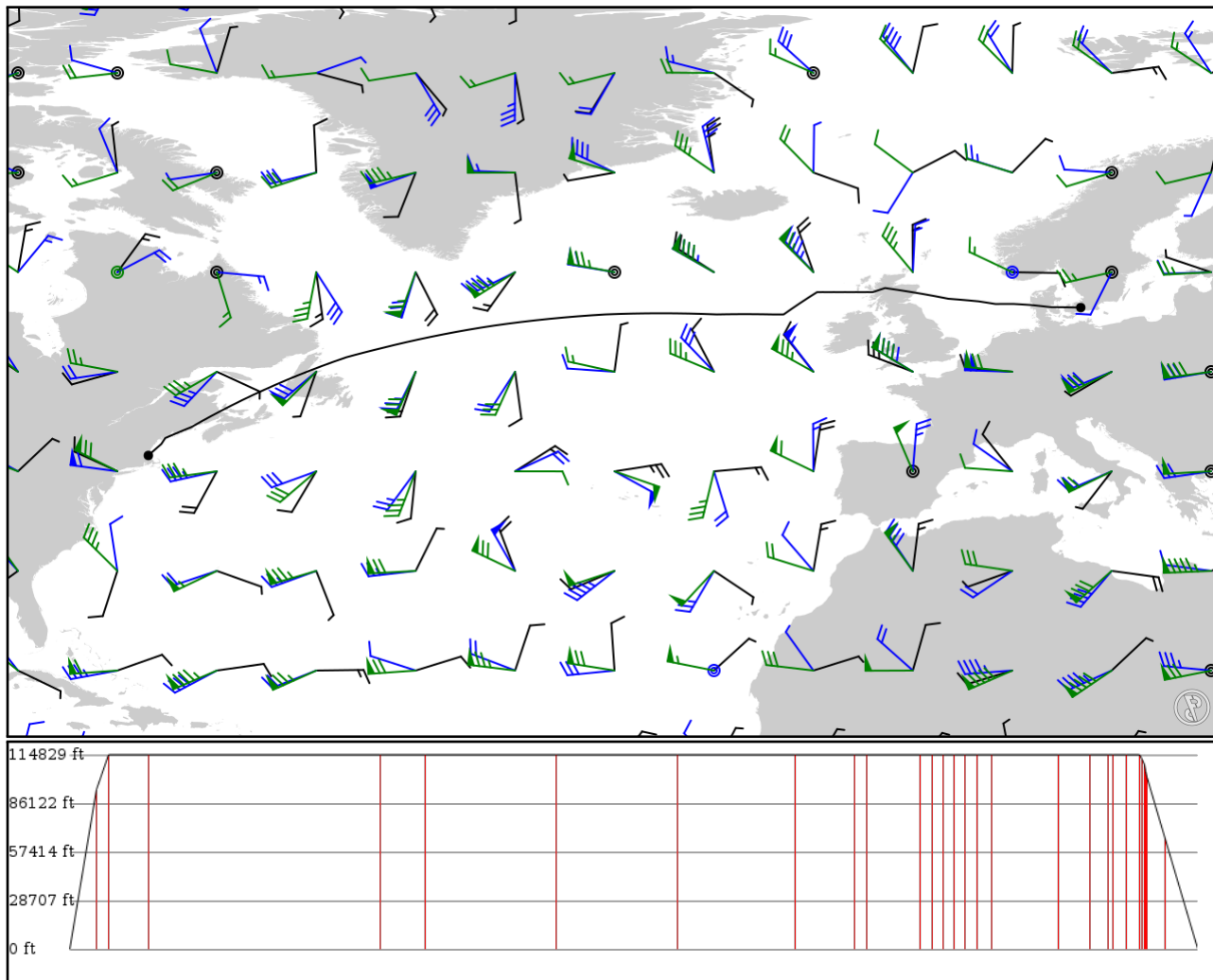
# EKCH

Kastrup

2024/05/21 1854Z

KBOS AWNUM **J79** SEAER **J573** EBONY **N439A** TUDEP **R** NETKI 5700N01100W 5700N01000W 5700N0900W 5700N0800W  
5700N0700W 5700N0600W RUGID **M83** PETIL **L983** AMRAM **P60** NISEM EKCH

3280.96 nm / 6076.33 km



## Notes

Using NAT tracks from 11/2/2024

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
AWNUM FIX	-	43.39540 -69.83860	28,700 ft 8,748 m	80	-
SEAER FIX	J79 AWY-HI	43.92460 -69.49180	35,000 ft 10,668 m	35	-
EBONY FIX	J573 AWY-HI	44.90240 -67.15660	35,000 ft 10,668 m	116	-
TUDEP FIX	N439A AWY-HI	51.16670 -53.23330	35,000 ft 10,668 m	672	-
52/50 LATLON	R NAT	52.00000 -50.00000	35,000 ft 10,668 m	130	-
54/40 LATLON	R NAT	54.00000 -40.00000	35,000 ft 10,668 m	380	-
55/30 LATLON	R NAT	55.00000 -30.00000	35,000 ft 10,668 m	353	-
55/20 LATLON	R NAT	55.00000 -20.00000	35,000 ft 10,668 m	344	-
RESNO FIX	R NAT	55.00000 -15.00000	35,000 ft 10,668 m	172	-
NETKI FIX	R NAT	55.00000 -14.00000	35,000 ft 10,668 m	34	-
5700N01100W LATLON	- -	57.00000 -11.00000	35,000 ft 10,668 m	156	-
5700N01000W LATLON	- -	57.00000 -10.00000	35,000 ft 10,668 m	32	-
5700N0900W LATLON	- -	57.00000 -9.00000	35,000 ft 10,668 m	32	-
5700N0800W LATLON	- -	57.00000 -8.00000	35,000 ft 10,668 m	32	-
5700N0700W LATLON	- -	57.00000 -7.00000	35,000 ft 10,668 m	32	-
5700N0600W LATLON	- -	57.00000 -6.00000	35,000 ft 10,668 m	32	-
RUGID FIX	- -	57.36920 -4.89861	35,000 ft 10,668 m	42	-
RIVOT FIX	M83 AWY-HI	56.40810 0.77694	35,000 ft 10,668 m	194	-
REKNA FIX	M83 AWY-HI	56.17470 3.50000	35,000 ft 10,668 m	91	-
PETIL FIX	M83 AWY-HI	55.93890 5.00000	35,000 ft 10,668 m	52	-
BUSOM FIX	L983 AWY-HI	55.94190 5.39472	35,000 ft 10,668 m	13	-
AMRAM FIX	L983 AWY-HI	55.94360 6.63417	35,000 ft 10,668 m	41	-
NUGLO FIX	P60 AWY-HI	55.87530 7.78111	35,000 ft 10,668 m	38	-
NAVIK FIX	P60 AWY-HI	55.86310 7.96972	34,200 ft 10,424 m	6	-
NARBA FIX	P60 AWY-HI	55.85330 8.11389	33,200 ft 10,119 m	4	-
BAMPI	P60	55.84280	32,000 ft	5	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	8.26972	9,754 m		
EPILO	P60	55.82780	31,000 ft	4	-
FIX	AWY-HI	8.41222	9,449 m		
NISEM	P60	55.65810	19,900 ft	51	-
FIX	AWY-HI	9.91556	6,066 m		
EKCH	-	55.61790	0 ft	92	Kastrup
APT	-	12.65600	0 m		

## KBOS

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

Elevation: 19 ft / 6 m  
Location: 42.363000 -71.006800  
Magnetic Var: 14.285 W

## METAR

KBOS 211654Z 08007KT 10SM FEW050 SCT250 22/16 A2992 RMK A02 SLP133 T02220161

## TAF

TAF KBOS 211720Z 2118/2224 08008KT P6SM FEW250 FM212100 19010KT P6SM FEW250 FM220000 23008KT P6SM BKN250

## 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	213.95		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	270.81		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 33.96	-	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

## EKCH

Region: DENMARK / FAROE ISLANDS  
Timezone: EUROPE/COPENHAGEN  
Runways: 3

Elevation: 17 ft / 5 m  
Location: 55.617900 12.656000  
Magnetic Var: 4.675 E

## METAR

EKCH 211820Z AUTO 08016KT 9999 NCD 17/06 Q1015 NOSIG

## TAF

TAF EKCH 211714Z 2118/2218 08012KT CAVOK TEMPO 2206/2218 08015G25KT

## Frequencies

REC - 122.75 MHz - KASTRUP ARRIVAL INFORMATION	REC - 122.85 MHz - KASTRUP DEPARTURE INFORMATION
CLD - 119.90 MHz - CLEARANCE DELIVERY	GND - 121.62 MHz - APRON
GND - 121.72 MHz - APRON	GND - 121.90 MHz - APRON
TWR - 118.10 MHz - TOWER (ARRIVAL)	TWR - 118.57 MHz - TOWER
TWR - 118.70 MHz - TOWER (VFR)	TWR - 119.35 MHz - TOWER (DEPARTURE)
APP - 120.20 MHz - FINAL	APP - 119.80 MHz - COPENHAGEN APPROACH
DEP - 120.25 MHz - DEPARTURE	DEP - 124.95 MHz - DEPARTURE
APP - 118.45 MHz - ARRIVAL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	148 ft	11,695 ft	41.13	ASPHALT	0 ft	0 ft
	45 m	3,565 m	36.45		0 m	0 m
22R	148 ft	11,695 ft	221.16	ASPHALT	1,870 ft	0 ft
	45 m	3,565 m	216.48		570 m	0 m
04R	148 ft	10,814 ft	41.14	ASPHALT	0 ft	0 ft
	45 m	3,296 m	36.47		0 m	0 m
22L	148 ft	10,814 ft	221.17	ASPHALT	0 ft	0 ft
	45 m	3,296 m	216.50		0 m	0 m
12	148 ft	10,046 ft	123.21	ASPHALT	2,306 ft	0 ft
	45 m	3,062 m	118.53		703 m	0 m
30	148 ft	10,046 ft	303.24	ASPHALT	886 ft	0 ft
	45 m	3,062 m	298.57		270 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	CH	110.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
12	DME	KA	109.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
22L	DME	OXS	109.50 MHz	18 nm	-	-	7 ft
				33 km	-		7 m
22R	DME	KLK	110.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
30	DME	OY	108.90 MHz	18 nm	-	-	9 ft
				33 km	-		9 m
04L	LOC-ILS	CH	110.50 MHz	18 nm	41.16	-	17 ft
				33 km	36.48		17 m
04R	LOC-ILS	NE	109.30 MHz	18 nm	41.18	-	17 ft
				33 km	36.50		17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	KA	109.90 MHz	18 nm	123.25	-	17 ft
				33 km	118.57		17 m
22L	LOC-ILS	OXS	109.50 MHz	18 nm	221.14	-	17 ft
				33 km	216.47		17 m
22R	LOC-ILS	KLK	110.90 MHz	18 nm	221.14	-	17 ft
				33 km	216.47		17 m
30	LOC-ILS	OY	108.90 MHz	18 nm	303.23	-	17 ft
				33 km	298.55		17 m
04L	GS	CH	110.50 MHz	10 nm	41.32	3.00	17 ft
				19 km	36.65		17 m
04R	GS	NE	109.30 MHz	10 nm	41.32	3.00	17 ft
				19 km	36.64		17 m
12	GS	KA	109.90 MHz	10 nm	123.46	3.00	17 ft
				19 km	118.78		17 m
22L	GS	OXS	109.50 MHz	10 nm	221.32	3.00	17 ft
				19 km	216.64		17 m
22R	GS	KLK	110.90 MHz	10 nm	221.32	3.00	17 ft
				19 km	216.65		17 m
30	GS	OY	108.90 MHz	10 nm	303.46	3.00	17 ft
				19 km	298.78		17 m