

# EDDF

Frankfurt Am Main

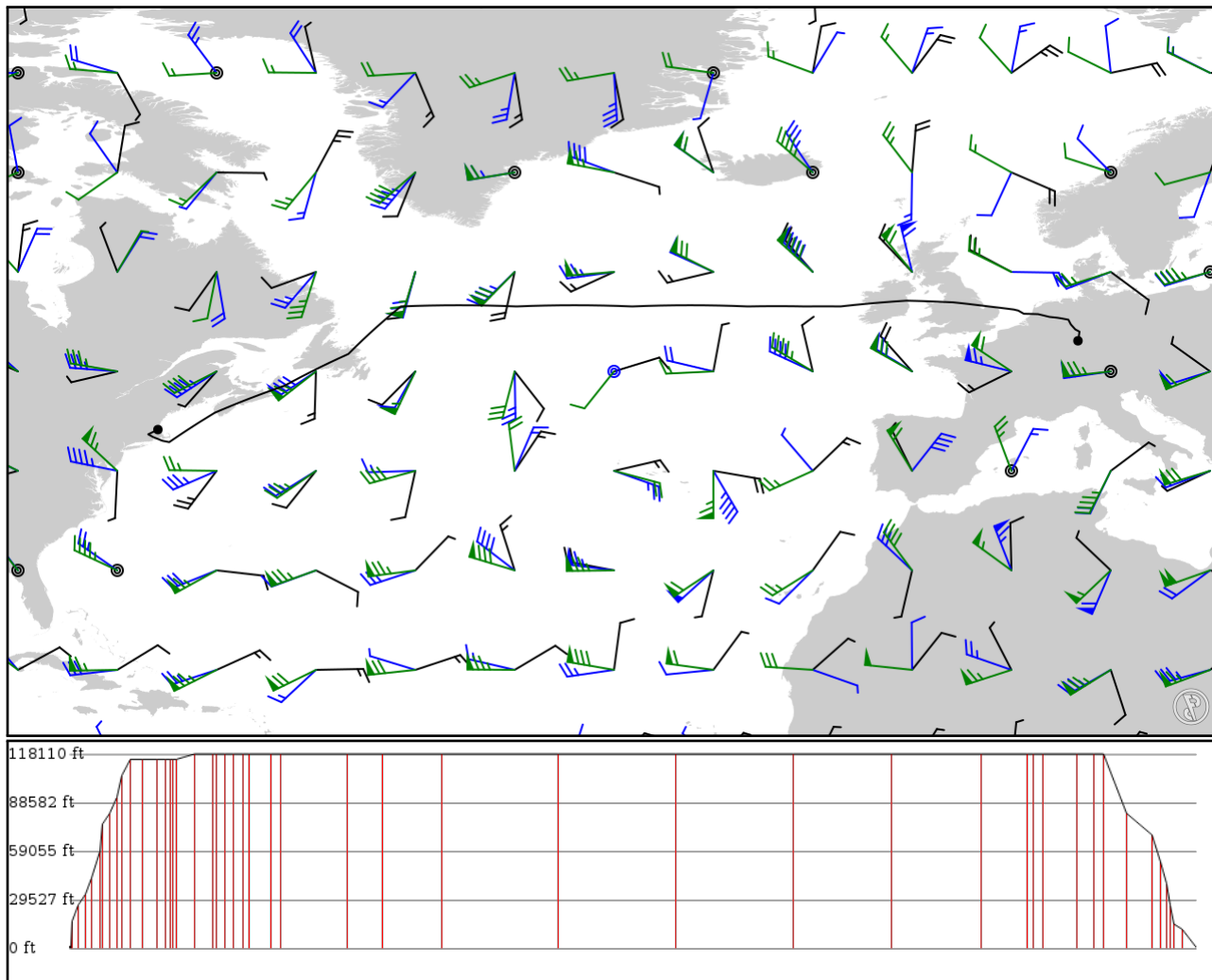
# KBOS

Boston Logan Intl

2024/05/20 0950Z

EDDF FFM GALEC TESGA MARUN ARPEG ABLEG EDLA HMM SUVOX SONEB ARNEM PAM TULIP EVELI LAMSO BUKUT  
ENITO DOLAS WAD NAPEX DISAL MCT WAL MALUD LIFFY DUB BURAK MALOT 53N20 53N30 53N40 53N50 YQX YQY  
IGTAS YHZ HIDIG YQI YQI52 DAVES STOOL ACK MVY COSSY AVONN PVD PUT KBOS

3466.06 nm / 6419.15 km



## Notes

None

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDF	-	50.03265	357 ft	-	Frankfurt am Main
APT	-	8.54062	109 m		
FFM	-	50.05639	0 ft	4	FRANKFURT NDB
NDB	-	8.65111	0 m		
GALEC	-	50.12234	5,000 ft	4	-
FIX	-	8.70203	1,524 m		
TESGA	-	50.44500	8,000 ft	19	-
FIX	-	8.61889	2,438 m		
MARUN	-	50.82117	10,000 ft	22	-
FIX	-	8.67200	3,048 m		
ARPEG	-	51.01667	13,000 ft	18	-
FIX	-	8.30639	3,962 m		
ABLEG	-	51.41000	18,000 ft	27	-
FIX	-	7.95417	5,486 m		
EDLA	-	51.48374	23,000 ft	4	ARNSBERG MENDEN
APT	-	7.90011	7,010 m		
HMM	-	51.85687	25,000 ft	23	-
LATLON	-	7.70829	7,620 m		
SUVOX	-	51.96917	28,000 ft	23	-
FIX	-	7.10806	8,534 m		
SONEB	-	52.02361	32,000 ft	13	-
FIX	-	6.76417	9,754 m		
ARNEM	-	52.09639	35,000 ft	25	-
FIX	-	6.07667	10,668 m		
PAM	-	52.33476	35,000 ft	38	-
LATLON	-	5.09216	10,668 m		
TULIP	-	52.36778	35,000 ft	45	-
FIX	-	3.85722	10,668 m		
EVELI	-	52.64389	35,000 ft	24	-
FIX	-	3.37194	10,668 m		
LAMSO	-	52.73278	35,000 ft	14	-
FIX	-	2.99444	10,668 m		
BUKUT	-	52.75833	35,000 ft	7	-
FIX	-	2.80056	10,668 m		
ENITO	-	52.80139	35,000 ft	12	-
FIX	-	2.46750	10,668 m		
DOLAS	-	52.97861	36,000 ft	54	-
FIX	-	1.00083	10,973 m		
WAD	-	53.16533	36,000 ft	56	-
LATLON	-	-0.52683	10,973 m		
NAPEX	-	53.20639	36,000 ft	12	-
FIX	-	-0.86111	10,973 m		
DISAL	-	53.29139	36,000 ft	28	-
FIX	-	-1.63083	10,973 m		
MCT	-	53.35694	36,000 ft	22	-
LATLON	-	-2.26222	10,973 m		
WAL	-	53.39194	36,000 ft	31	-
LATLON	-	-3.13444	10,973 m		
MALUD	-	53.41333	36,000 ft	17	-
FIX	-	-3.60833	10,973 m		
LIFFY	-	53.48000	36,000 ft	67	-
FIX	-	-5.50000	10,973 m		
DUB	-	53.49938	36,000 ft	28	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-6.30711	10,973 m		
BURAK	-	53.00000	36,000 ft	206	-
FIX	-	-12.00000	10,973 m		
MALOT	-	53.00000	36,000 ft	108	-
FIX	-	-15.00000	10,973 m		
53N20	-	53.00000	36,000 ft	180	-
FIX	-	-20.00000	10,973 m		
53N30	-	53.00000	36,000 ft	361	-
FIX	-	-30.00000	10,973 m		
53N40	-	53.00000	36,000 ft	361	-
FIX	-	-40.00000	10,973 m		
53N50	-	53.00000	36,000 ft	361	-
FIX	-	-50.00000	10,973 m		
YQX	-	48.89958	36,000 ft	300	-
LATLON	-	-54.53500	10,973 m		
YQY	-	46.15336	36,000 ft	277	-
LATLON	-	-60.05578	10,973 m		
IGTAS	-	45.08083	36,000 ft	139	-
FIX	-	-62.99361	10,973 m		
YHZ	-	44.92314	36,000 ft	19	-
LATLON	-	-63.40183	10,973 m		
HIDIG	-	44.67917	36,000 ft	30	-
FIX	-	-64.02028	10,973 m		
YQI	-	43.82508	36,000 ft	102	-
LATLON	-	-66.08250	10,973 m		
YQI52	-	43.26390	36,000 ft	51	-
FIX	-	-66.99175	10,973 m		
DAVES	-	42.94563	36,000 ft	29	-
FIX	-	-67.50755	10,973 m		
STOOL	-	42.14280	25,000 ft	73	-
FIX	-	-68.74977	7,620 m		
ACK	-	41.28189	21,000 ft	77	-
LATLON	-	-70.02672	6,401 m		
MVY	-	41.39622	16,000 ft	27	-
LATLON	-	-70.61272	4,877 m		
COSSY	-	41.53299	12,000 ft	17	-
FIX	-	-70.95053	3,658 m		
AVONN	-	41.63592	8,000 ft	13	-
FIX	-	-71.20726	2,438 m		
PVD	-	41.72433	4,500 ft	11	-
LATLON	-	-71.42964	1,372 m		
PUT	-	41.95547	3,500 ft	23	-
LATLON	-	-71.84408	1,067 m		
KBOS	-	42.36306	20 ft	44	Boston Logan Intl
APT	-	-71.00696	6 m		

## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.177 E

## METAR

EDDF 200920Z AUTO 03005KT 340V080 9999 FEW014 17/12 Q1012 NOSIG

## TAF

TAF EDDF 200500Z 2006/2112 19004KT 1300 BCFG SCT001 TEMPO 2006/2007 0200 FG BKN001 BECMG 2006/2009 9999 TEMPO 2007/2008 0200 FG BKN001

## Frequencies

REC - 118.02 MHz - ATIS ARRIVAL  
GND - 121.80 MHz - GROUND  
GND - 121.70 MHz - APRON RAMP/TAXI  
GND - 121.85 MHz - APRON RAMP/TAXI  
TWR - 118.77 MHz - TOWER  
TWR - 124.85 MHz - TOWER  
TWR - 136.50 MHz - TOWER  
APP - 127.27 MHz - FRANKFURT DIRECT  
APP - 125.35 MHz - LANGEN RADAR  
APP - 120.80 MHz - LANGEN RADAR  
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE  
GND - 121.65 MHz - APRON RAMP/TAXI  
GND - 121.95 MHz - APRON RAMP/TAXI  
GND - 121.75 MHz - APRON RAMP/TAXI  
TWR - 119.90 MHz - TOWER  
TWR - 127.32 MHz - TOWER  
CLD - 121.90 MHz - CLEARANCE DELIVERY  
APP - 118.50 MHz - FRANKFURT DIRECT  
APP - 126.55 MHz - LANGEN RADAR  
APP - 120.15 MHz - LANGEN RADAR  
APP - 119.02 MHz - LANGEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.39		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.41		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.45		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		0 m	37 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 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 200854Z 35005KT 10SM FEW014 OVC027 11/09 A3005 RMK A02 SLP175 T01110094 55001

## TAF

TAF AMD KBOS 200809Z 2008/2112 02005KT P6SM BKN015 TEMPO 2008/2011 4SM -DZ BR OVC007 FM201200 03004KT P6SM OVC015

## 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