

KBFI

Boeing Fld King Co Intl

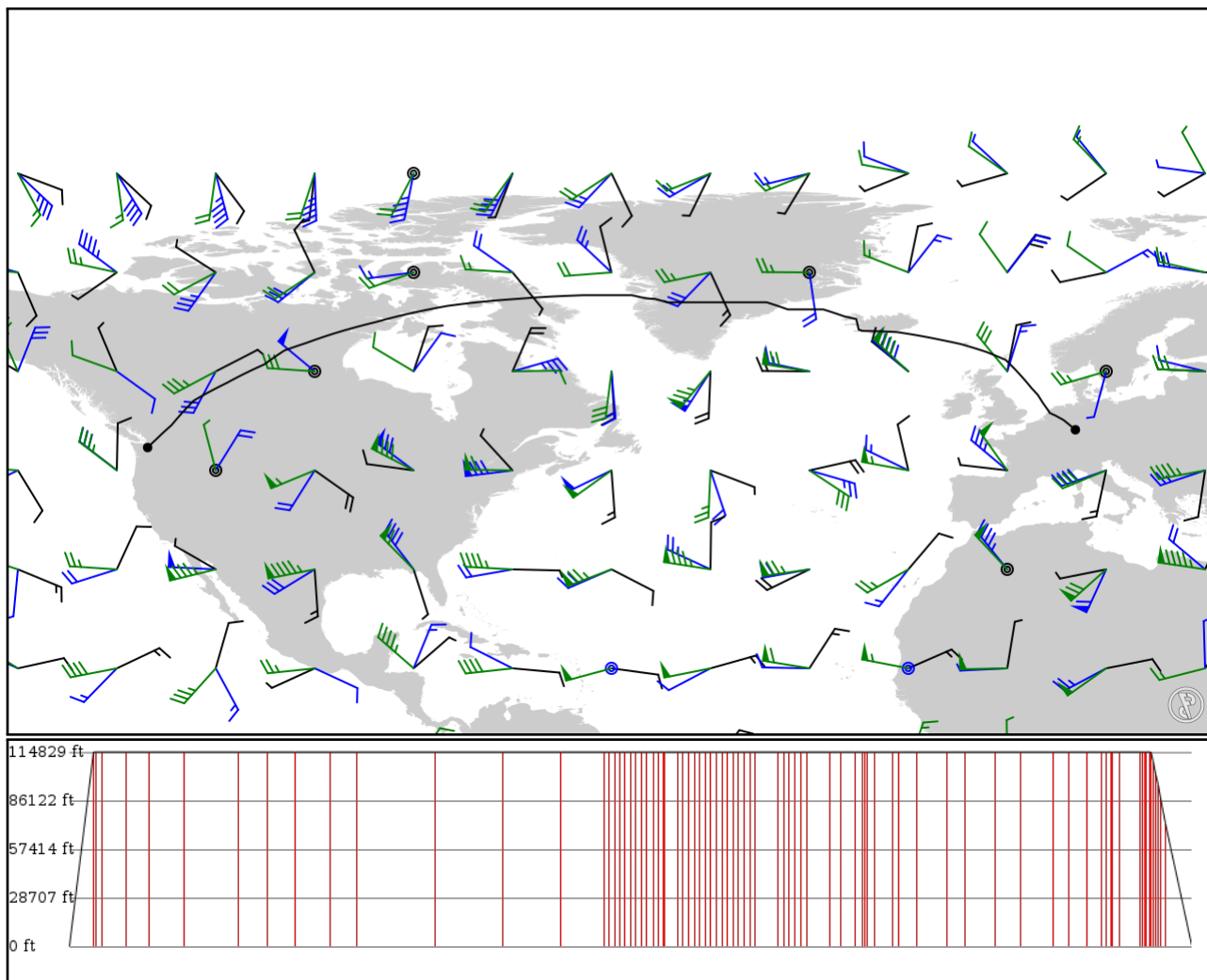
EDDF

Frankfurt

2024/05/10 0643Z

KBFI IWACK **J503** YNY **J527** YMM **NCAC** YSF **LAT2** URSIS **NCAU** 080B **NCAB** BOPUT 6900N06100W 6900N06000W
6900N05900W 6900N05800W 6900N05700W 6900N05600W 6900N05500W 6900N05400W AA DEVBO SIMON ANDRE
KUNUK 6800N04900W 6800N04800W 6800N04700W 6800N04600W 6800N04500W 6800N04400W 6800N04300W
6800N04200W 6800N04100W 6800N04000W 6800N03900W 6800N03800W 6800N03700W 6800N03600W 6800N03500W
6700N03200W 6700N03100W 6700N03000W 6700N02900W 6700N02800W 6700N02700W 6600N02400W SKALM **B1**
METIL **G3** MY **G11** PEMOS SUM **L7** LONAM **UL7** SPY **UN852** ZANDA **UP62** PAM **UZ738** MISGO EDDF

4558.88 nm / 8443.04 km



Notes

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
KBFI APT	-	47.53110 -122.30300	0 ft 0 m	-	Boeing Fld King Co Intl
IWACK FIX	-	48.93210 -120.83700	35,000 ft 10,668 m	102	-
FOLDY FIX	J503 AWY-HI	49.05160 -120.71200	35,000 ft 10,668 m	8	-
YDC VOR	J503 AWY-HI	49.38150 -120.37400	35,000 ft 10,668 m	23	PRINCETON
YNY VOR	J503 AWY-HI	50.67780 -118.93900	35,000 ft 10,668 m	95	ENDERBY
BOJAM FIX	J527 AWY-HI	52.10440 -117.71500	35,000 ft 10,668 m	97	-
YZU VOR	J527 AWY-HI	54.14570 -115.79700	35,000 ft 10,668 m	140	WHITECOURT
YMM VOR	J527 AWY-HI	56.64720 -111.12200	35,000 ft 10,668 m	218	FORT MCMURRAY
DUROT FIX	NCAC AWY-HI	58.04100 -108.44900	35,000 ft 10,668 m	120	-
YSF NDB	NCAC AWY-HI	59.25510 -105.83200	35,000 ft 10,668 m	109	STONY RAPIDS
URSIS FIX	LAT2 AWY-HI	61.20970 -103.01300	35,000 ft 10,668 m	144	-
100U FIX	NCAU AWY-HI	62.25000 -100.00000	35,000 ft 10,668 m	106	-
090U FIX	NCAU AWY-HI	65.25000 -90.00000	35,000 ft 10,668 m	320	-
080B FIX	NCAU AWY-HI	67.50000 -80.00000	35,000 ft 10,668 m	275	-
070B FIX	NCAB AWY-HI	68.50000 -70.00000	35,000 ft 10,668 m	232	-
BOPUT FIX	NCAB AWY-HI	68.95940 -61.94120	35,000 ft 10,668 m	177	-
6900N06100W LATLON	- -	69.00000 -61.00000	35,000 ft 10,668 m	20	-
6900N06000W LATLON	- -	69.00000 -60.00000	35,000 ft 10,668 m	21	-
6900N05900W LATLON	- -	69.00000 -59.00000	35,000 ft 10,668 m	21	-
6900N05800W LATLON	- -	69.00000 -58.00000	35,000 ft 10,668 m	21	-
6900N05700W LATLON	- -	69.00000 -57.00000	35,000 ft 10,668 m	21	-
6900N05600W LATLON	- -	69.00000 -56.00000	35,000 ft 10,668 m	21	-
6900N05500W LATLON	- -	69.00000 -55.00000	35,000 ft 10,668 m	21	-
6900N05400W LATLON	- -	69.00000 -54.00000	35,000 ft 10,668 m	21	-
AA NDB	- -	68.72310 -52.78480	35,000 ft 10,668 m	31	AASIAAT
DEVBO FIX	- -	68.58330 -52.00000	35,000 ft 10,668 m	19	-
SIMON	-	68.49420	35,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-51.22170	10,668 m		
ANDRE	-	68.50250	35,000 ft	4	-
FIX	-	-51.02420	10,668 m		
KUNUK	-	68.50670	35,000 ft	3	-
FIX	-	-50.87280	10,668 m		
6800N04900W	-	68.00000	35,000 ft	51	-
LATLON	-	-49.00000	10,668 m		
6800N04800W	-	68.00000	35,000 ft	22	-
LATLON	-	-48.00000	10,668 m		
6800N04700W	-	68.00000	35,000 ft	22	-
LATLON	-	-47.00000	10,668 m		
6800N04600W	-	68.00000	35,000 ft	22	-
LATLON	-	-46.00000	10,668 m		
6800N04500W	-	68.00000	35,000 ft	22	-
LATLON	-	-45.00000	10,668 m		
6800N04400W	-	68.00000	35,000 ft	22	-
LATLON	-	-44.00000	10,668 m		
6800N04300W	-	68.00000	35,000 ft	22	-
LATLON	-	-43.00000	10,668 m		
6800N04200W	-	68.00000	35,000 ft	22	-
LATLON	-	-42.00000	10,668 m		
6800N04100W	-	68.00000	35,000 ft	22	-
LATLON	-	-41.00000	10,668 m		
6800N04000W	-	68.00000	35,000 ft	22	-
LATLON	-	-40.00000	10,668 m		
6800N03900W	-	68.00000	35,000 ft	22	-
LATLON	-	-39.00000	10,668 m		
6800N03800W	-	68.00000	35,000 ft	22	-
LATLON	-	-38.00000	10,668 m		
6800N03700W	-	68.00000	35,000 ft	22	-
LATLON	-	-37.00000	10,668 m		
6800N03600W	-	68.00000	35,000 ft	22	-
LATLON	-	-36.00000	10,668 m		
6800N03500W	-	68.00000	35,000 ft	22	-
LATLON	-	-35.00000	10,668 m		
6700N03200W	-	67.00000	35,000 ft	91	-
LATLON	-	-32.00000	10,668 m		
6700N03100W	-	67.00000	35,000 ft	23	-
LATLON	-	-31.00000	10,668 m		
6700N03000W	-	67.00000	35,000 ft	23	-
LATLON	-	-30.00000	10,668 m		
6700N02900W	-	67.00000	35,000 ft	23	-
LATLON	-	-29.00000	10,668 m		
6700N02800W	-	67.00000	35,000 ft	23	-
LATLON	-	-28.00000	10,668 m		
6700N02700W	-	67.00000	35,000 ft	23	-
LATLON	-	-27.00000	10,668 m		
6600N02400W	-	66.00000	35,000 ft	93	-
LATLON	-	-24.00000	10,668 m		
SKALM	-	65.62860	35,000 ft	46	-
FIX	-	-22.36000	10,668 m		
MYRAR	B1	64.70220	35,000 ft	55	-
FIX	AWY-HI	-22.14810	10,668 m		
RK	B1	64.15150	35,000 ft	33	REYKJAVIK
NDB	AWY-HI	-22.02880	10,668 m		
EL	B1	64.08110	35,000 ft	7	ELLIDAVATN

Ident Type NDB	Via	Lat Lon	Alt	Dist (nm)	Name
METIL	B1	63.97190	35,000 ft	9	-
FIX	AWY-HI	-21.52610	10,668 m		
NASBU	G3	63.94670	35,000 ft	31	-
FIX	AWY-HI	-20.34820	10,668 m		
MIKLA	G3	63.84830	35,000 ft	73	-
FIX	AWY-HI	-17.57420	10,668 m		
ING	G3	63.80310	35,000 ft	24	INGO
VOR	AWY-HI	-16.63810	10,668 m		
ROSTI	G3	63.40640	35,000 ft	71	-
FIX	AWY-HI	-14.11220	10,668 m		
LARUX	G3	62.62170	35,000 ft	121	-
FIX	AWY-HI	-10.00000	10,668 m		
MY	G3	62.10690	35,000 ft	73	MYGGENAES (VAGAR)
NDB	AWY-HI	-7.58768	10,668 m		
PEMOS	G11	61.00000	35,000 ft	122	-
FIX	AWY-HI	-4.00000	10,668 m		
SUM	-	59.87880	35,000 ft	104	SUMBURGH
VOR	-	-1.28653	10,668 m		
FORTY	L7	57.95000	35,000 ft	129	-
FIX	AWY-HI	0.59583	10,668 m		
ODMIX	L7	56.97000	35,000 ft	65	-
FIX	AWY-HI	1.46750	10,668 m		
CUTEL	L7	55.88580	35,000 ft	71	-
FIX	AWY-HI	2.37444	10,668 m		
ASKAM	L7	54.96310	35,000 ft	62	-
FIX	AWY-HI	3.23056	10,668 m		
PELET	L7	54.65330	35,000 ft	19	-
FIX	AWY-HI	3.43111	10,668 m		
GOLVO	L7	54.41140	35,000 ft	15	-
FIX	AWY-HI	3.58556	10,668 m		
VENAS	L7	54.30560	35,000 ft	6	-
FIX	AWY-HI	3.65222	10,668 m		
LONAM	L7	53.83960	35,000 ft	29	-
FIX	AWY-HI	3.94254	10,668 m		
SPY	UL7	52.54030	35,000 ft	84	SPIJKERBOOR
VOR	AWY-HI	4.85378	10,668 m		
ZANDA	UN852	52.38980	35,000 ft	9	-
FIX	AWY-HI	4.92252	10,668 m		
PAM	UP62	52.33480	35,000 ft	7	PAMPUS
VOR	AWY-HI	5.09216	10,668 m		
IVLUT	UZ738	52.24410	35,000 ft	8	-
FIX	AWY-HI	5.25696	10,668 m		
LUNIX	UZ738	52.10980	35,000 ft	13	-
FIX	AWY-HI	5.56540	10,668 m		
RENDI	UZ738	52.06150	35,000 ft	4	-
FIX	AWY-HI	5.67543	10,668 m		
EDUPO	UZ738	51.97550	33,300 ft	7	-
FIX	AWY-HI	5.83594	10,150 m		
NAPRO	UZ738	51.85580	31,000 ft	10	-
FIX	AWY-HI	6.05889	9,449 m		
DEPAD	UZ738	51.76810	29,200 ft	7	-
FIX	AWY-HI	6.22000	8,900 m		
AMOSU	UZ738	51.63890	26,700 ft	11	-
FIX	AWY-HI	6.45500	8,138 m		
MISGO	UZ738	51.40470	22,200 ft	21	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	6.87583	6,767 m		
EDDF	-	50.03260	0 ft	103	Frankfurt
APT	-	8.54067	0 m		

KBFI

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 2

Elevation: 21 ft / 6 m
Location: 47.531100 -122.303000
Magnetic Var: 14.789 E

METAR

KBFI 100553Z 00000KT 10SM CLR 19/06 A3020 RMK A02 SLP227 T01940061 10239 20189 50005

TAF

TAF AMD KBFI 100234Z 1003/1024 VRB03KT P6SM SKC FM101800 31008KT P6SM SKC

Frequencies

REC - 127.75 MHz - ATIS	COM - 122.95 MHz - BOEING UNICOM
GND - 121.90 MHz - BOEING GROUND	TWR - 118.30 MHz - BOEING TOWER
TWR - 120.60 MHz - BOEING TOWER	CLD - 132.40 MHz - BOEING CLEARANCE
DEP - 119.20 MHz - SEATTLE DEPARTURE	DEP - 120.10 MHz - SEATTLE DEPARTURE
DEP - 120.40 MHz - SEATTLE DEPARTURE	DEP - 125.90 MHz - SEATTLE DEPARTURE
DEP - 126.50 MHz - SEATTLE DEPARTURE	APP - 119.20 MHz - SEATTLE APPROACH
APP - 120.10 MHz - SEATTLE APPROACH	APP - 120.40 MHz - SEATTLE APPROACH
APP - 125.90 MHz - SEATTLE APPROACH	APP - 126.50 MHz - SEATTLE APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14L	100 ft	3,712 ft	150.28	ASPHALT	249 ft	0 ft
	30 m	1,131 m	135.49		76 m	0 m
32R	100 ft	3,712 ft	330.29	ASPHALT	377 ft	0 ft
	30 m	1,131 m	315.50		115 m	0 m
14R	200 ft	10,006 ft	150.28	ASPHALT	0 ft	915 ft
	61 m	3,050 m	135.49		0 m	279 m
32L	200 ft	10,006 ft	330.29	ASPHALT	889 ft	190 ft
	61 m	3,050 m	315.50		271 m	58 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14R	DME	IBFI	110.90 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
32L	DME	ICHJ	110.90 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
14R	LOC-ILS	IBFI	110.90 MHz	18 nm	150.29	-	22 ft
				33 km	135.50		22 m
32L	LOC-ILS	ICHJ	110.90 MHz	18 nm	330.29	-	22 ft
				33 km	315.50		22 m
14R	GS	IBFI	110.90 MHz	10 nm	150.29	3.00	22 ft
				19 km	135.50		22 m
32L	GS	ICHJ	110.90 MHz	10 nm	330.29	3.10	22 ft
				19 km	315.50		22 m

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.173 E

METAR

EDDF 100620Z AUTO 04007KT 010V070 CAVOK 15/08 Q1023 NOSIG

TAF

TAF EDDF 100500Z 1006/1112 04006KT CAVOK

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL	REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.80 MHz - GROUND	GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.70 MHz - APRON RAMP/TAXI	GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI	GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER	TWR - 119.90 MHz - TOWER
TWR - 124.85 MHz - TOWER	TWR - 127.32 MHz - TOWER
TWR - 136.50 MHz - TOWER	CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 127.27 MHz - FRANKFURT DIRECT	APP - 118.50 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR	APP - 126.55 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR	APP - 120.15 MHz - LANGEN RADAR
APP - 136.12 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	246.42		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.40		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.44		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	66.42		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.41		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.44		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.42		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.44		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.41		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.42		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.41		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.44		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.42		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.44		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.41		362 m