

EDDF

Frankfurt am Main

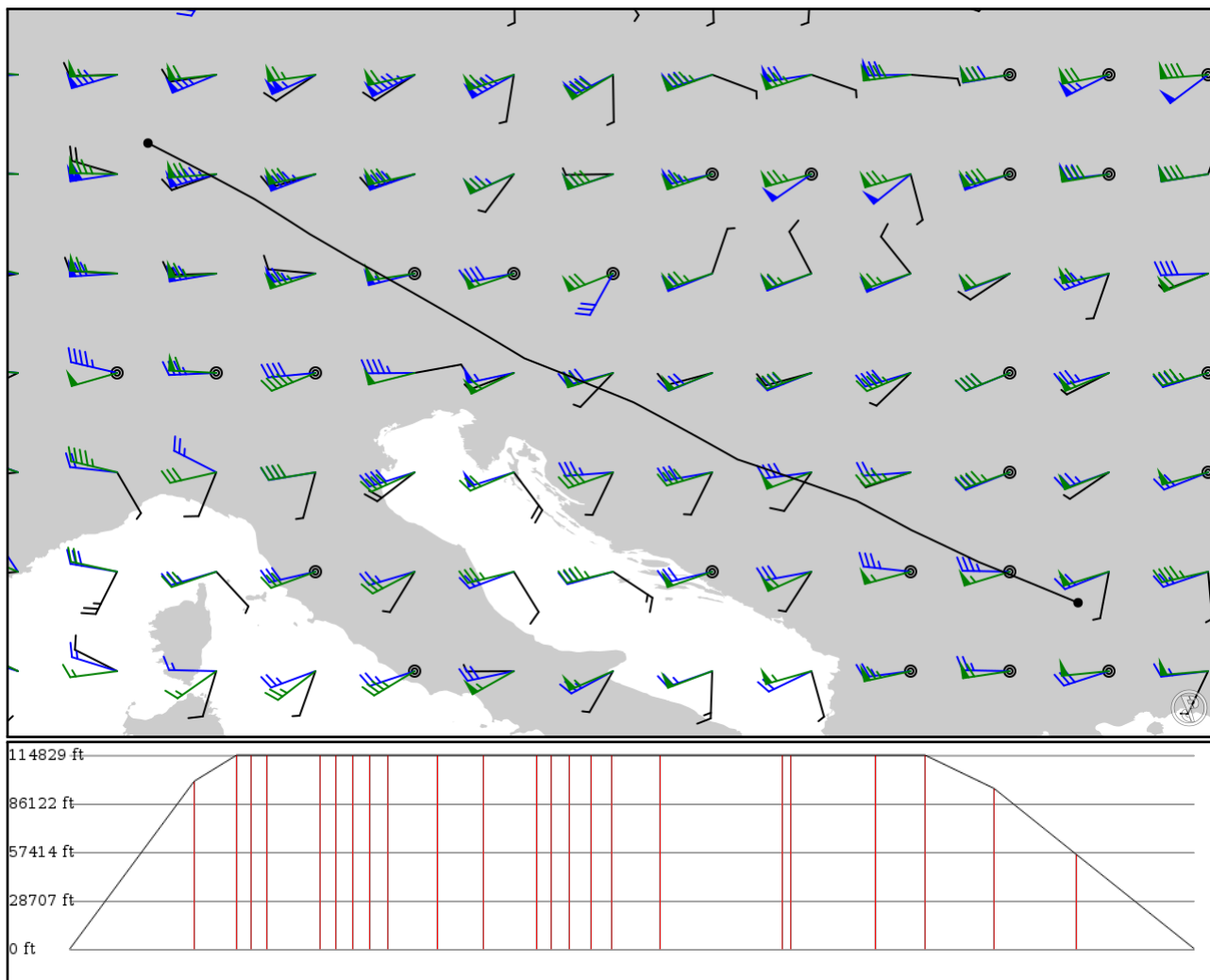
LBSF

Sofia

2024/06/04 0548Z

EDDF DKB T104 WLD Q700 MUN L603 DER UL603 LOKSI L603 VAL N131 NIS LBSF

763.09 nm / 1413.24 km



Notes

Basic altitude profile:

- Ascent Rate: 1800ft/min
- Ascent Speed: 270kts
- Cruise Altitude: 10000ft
- Cruise Speed: 300kts
- Descent Rate: 1800ft/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
EDDF	-	50.03260	0 ft	-	Frankfurt am Main
APT	-	8.54064	0 m		
DKB	-	49.14275	30,300 ft	84	DINKELSBUHL VORTAC
VOR	-	10.23831	9,235 m		
XERUM	T104	48.81111	35,000 ft	28	-
FIX	AWY-LO	10.76778	10,668 m		
BURAM	T104	48.69556	35,000 ft	9	-
FIX	AWY-LO	10.94889	10,668 m		
WLD	T104	48.57942	35,000 ft	9	WALDA VOR-DME
VOR	AWY-LO	11.12939	10,668 m		
MUN	Q700	48.18033	35,000 ft	36	MUNCHEN VOR-DME
VOR	AWY-LO	11.81602	10,668 m		
LAKOL	L603	48.07111	35,000 ft	10	-
FIX	AWY-LO	12.01472	10,668 m		
ROTIN	L603	47.94278	35,000 ft	12	-
FIX	AWY-LO	12.24639	10,668 m		
CHIEM	L603	47.82528	35,000 ft	10	-
FIX	AWY-LO	12.45583	10,668 m		
UNKEN	L603	47.69014	35,000 ft	12	-
FIX	AWY-LO	12.69687	10,668 m		
OBEDI	L603	47.32790	35,000 ft	33	-
FIX	AWY-LO	13.32975	10,668 m		
ELKAT	L603	46.99100	35,000 ft	31	-
FIX	AWY-LO	13.90551	10,668 m		
KFT	L603	46.59758	35,000 ft	35	KLAGENFURT VOR-DME
VOR	AWY-LO	14.56232	10,668 m		
KLGY	L603	46.51430	35,000 ft	10	-
FIX	AWY-LO	14.77517	10,668 m		
ARLON	L603	46.41382	35,000 ft	12	-
FIX	AWY-LO	15.02976	10,668 m		
VALLU	L603	46.29159	35,000 ft	14	-
FIX	AWY-LO	15.33632	10,668 m		
PODET	L603	46.17138	35,000 ft	14	-
FIX	AWY-LO	15.62680	10,668 m		
ZAG	L603	45.89556	35,000 ft	32	ZAGREB VOR-DME
VOR	AWY-LO	16.30670	10,668 m		
GUBOK	L603	45.04472	35,000 ft	83	-
FIX	AWY-LO	17.86167	10,668 m		
DER	L603	44.98413	35,000 ft	5	DERVENTA VOR-DME
VOR	AWY-LO	17.96946	10,668 m		
LOKSI	UL603	44.57167	35,000 ft	57	-
FIX	AWY-HI	19.18000	10,668 m		
VAL	L603	44.32389	35,000 ft	33	VALJEVO VOR-DME
VOR	AWY-LO	19.87469	10,668 m		
GONAR	N131	43.85467	29,000 ft	47	-
FIX	AWY-LO	20.75311	8,839 m		
NIS	N131	43.34647	17,100 ft	55	NIS VOR-DME
VOR	AWY-LO	21.82706	5,212 m		
LBSF	-	42.69713	0 ft	79	Sofia
APT	-	23.41672	0 m		

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.182 E

METAR

EDDF 040520Z AUTO 08004KT 020V120 CAVOK 13/08 Q1017 NOSIG

TAF

TAF EDDF 032300Z 0400/0506 03003KT CAVOK BECMG 0408/0411 22007KT PROB30 TEMPO 0504/0506 SHRA BKN035TCU

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	66.38		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

LBSF

Region: BULGARIA
Timezone: EUROPE/SOFIA
Runways: 1

Elevation: 1,741 ft / 531 m
Location: 42.696400 23.417900
Magnetic Var: 5.610 E

METAR

LBSF 040530Z VRB02KT 9999 FEW015 19/16 Q1014 TEMPO 3000 BR SCT002

TAF

TAF LBSF 032300Z 0400/0424 VRB04KT 9999 SCT070 TEMPO 0400/0405 3000 BR SCT007 PROB40 0401/0405 0800 BCFG BKN002 BE

Frequencies

REC - 123.70 MHz - SOFIA ATIS
APP - 123.70 MHz - SOFIA APPROACH

TWR - 118.10 MHz - SOFIA TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	11,777 ft	94.64	ASPHALT	978 ft	390 ft
	45 m	3,590 m	89.03		298 m	119 m
27	148 ft	11,777 ft	274.67	ASPHALT	0 ft	397 ft
	45 m	3,590 m	269.06		0 m	121 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ISL	110.70 MHz	18 nm	-	-	1,741 ft
				33 km	-		1,741 m
09	LOC-ILS	ISL	110.70 MHz	18 nm	93.91	-	1,741 ft
				33 km	88.30		1,741 m
27	LOC-ILS	ISF	109.50 MHz	18 nm	273.91	-	1,741 ft
				33 km	268.30		1,741 m
09	GS	ISL	110.70 MHz	10 nm	95.00	3.00	1,741 ft
				19 km	89.39		1,741 m
27	GS	ISF	109.50 MHz	10 nm	275.00	3.00	1,741 ft
				19 km	269.39		1,741 m