

LBSF

Sofia

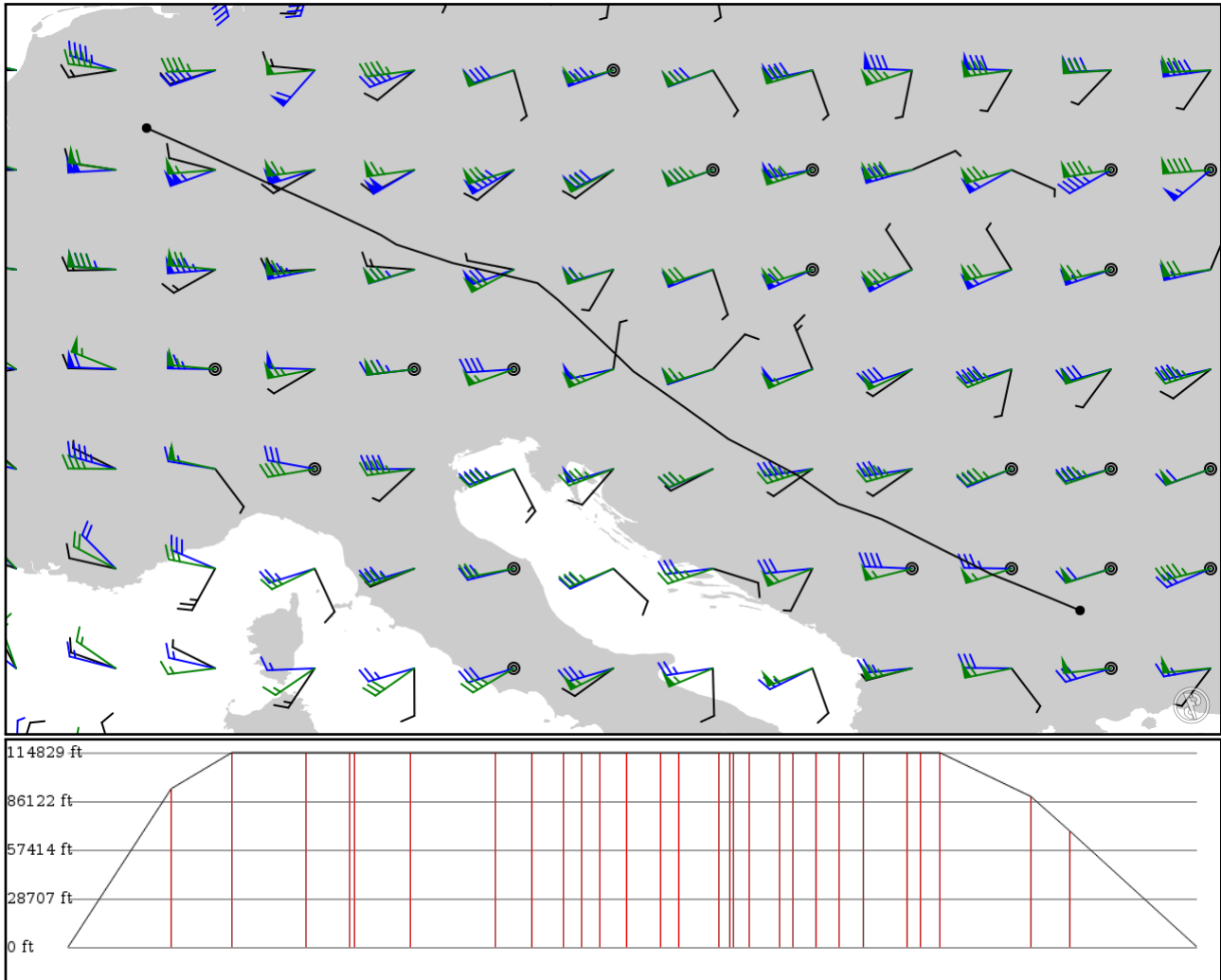
EDDL

Duesseldorf

2024/05/06 0824Z

LBSF NIS **UN131** VAL **UL863** VBA **UM19** GRZ **UL604** PABSA **UL610** LOHRE **T880** ESAMA EDDL

865.63 nm / 1603.15 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
LBSF	-	42.69640	0 ft	-	Sofia
APT	-	23.41790	0 m		
NIS	-	43.34650	28,500 ft	80	NIS VOR-DME
DME	-	21.82710	8,687 m		
SOSEK	UN131	43.78050	35,000 ft	46	-
FIX	AWY-HI	20.95550	10,668 m		
VAL	UN131	44.32390	35,000 ft	56	VALJEVO VOR-DME
DME	AWY-HI	19.87470	10,668 m		
DIMSI	UL863	44.57170	35,000 ft	33	-
FIX	AWY-HI	19.18000	10,668 m		
SOMUN	UL863	44.59640	35,000 ft	3	-
FIX	AWY-HI	19.10500	10,668 m		
SIVLA	UL863	45.10190	35,000 ft	43	-
FIX	AWY-HI	18.38170	10,668 m		
VBA	UL863	45.74780	35,000 ft	64	BARNA
VOR	AWY-HI	17.14670	10,668 m		
RASIN	UM19	46.09030	35,000 ft	28	-
FIX	AWY-HI	16.67530	10,668 m		
OBUTI	UM19	46.37830	35,000 ft	24	-
FIX	AWY-HI	16.27400	10,668 m		
RATGO	UM19	46.54610	35,000 ft	14	-
FIX	AWY-HI	16.03690	10,668 m		
MUREG	UM19	46.70670	35,000 ft	13	-
FIX	AWY-HI	15.80810	10,668 m		
GRZ	UM19	46.95540	35,000 ft	20	GRAZ
VOR	AWY-HI	15.44940	10,668 m		
MILGO	UL604	47.30170	35,000 ft	25	-
FIX	AWY-HI	15.09170	10,668 m		
EPOLA	UL604	47.49660	35,000 ft	14	-
FIX	AWY-HI	14.88770	10,668 m		
LIMRA	UL604	47.91100	35,000 ft	30	-
FIX	AWY-HI	14.44780	10,668 m		
ALMER	UL604	48.01850	35,000 ft	7	-
FIX	AWY-HI	14.33220	10,668 m		
BAGSI	UL604	48.05780	35,000 ft	2	-
FIX	AWY-HI	14.28970	10,668 m		
LNZ	UL604	48.22970	35,000 ft	12	LINZ
VOR	AWY-HI	14.10320	10,668 m		
PABSA	UL604	48.52830	35,000 ft	23	-
FIX	AWY-HI	13.73810	10,668 m		
RENKA	UL610	48.58470	35,000 ft	9	-
FIX	AWY-HI	13.50530	10,668 m		
GONBA	UL610	48.68780	35,000 ft	18	-
FIX	AWY-HI	13.07580	10,668 m		
STAUB	UL610	48.78570	35,000 ft	17	-
FIX	AWY-HI	12.65800	10,668 m		
MAMOR	UL610	48.88580	35,000 ft	18	-
FIX	AWY-HI	12.22220	10,668 m		
UNKUL	UL610	49.13730	35,000 ft	33	-
FIX	AWY-HI	11.45970	10,668 m		
UPALA	UL610	49.21440	35,000 ft	10	-
FIX	AWY-HI	11.22140	10,668 m		
INBED	UL610	49.38750	35,000 ft	15	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	10.94170	10,668 m		
LOHRE	UL610	50.06690	27,100 ft	69	-
FIX	AWY-HI	9.48639	8,260 m		
ESAMA	T880	50.34110	20,900 ft	29	-
FIX	AWY-HI	8.85972	6,370 m		
EDDL	-	51.28940	0 ft	97	Duesseldorf
APT	-	6.76662	0 m		

LBSF

Region: BULGARIA
Timezone: EUROPE/SOFIA
Runways: 1

Elevation: 1,741 ft / 531 m
Location: 42.696400 23.417900
Magnetic Var: 5.601 E

METAR

LBSF 060800Z VRB03KT CAVOK 16/08 Q1016 NOSIG

TAF

TAF LBSF 060500Z 0606/0706 VRB04KT 9999 SCT050 TEMPO 0606/0607 5000 BR SCT015 PROB40 TEMPO 0612/0617 VRB16KT 5000

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	89.04		298 m	119 m
27	148 ft	11,777 ft	274.67	ASPHALT	0 ft	397 ft
	45 m	3,590 m	269.07		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	88.31		1,741 m
27	LOC-ILS	ISF	109.50 MHz	18 nm	273.91	-	1,741 ft
				33 km	268.31		1,741 m
09	GS	ISL	110.70 MHz	10 nm	95.00	3.00	1,741 ft
				19 km	89.40		1,741 m
27	GS	ISF	109.50 MHz	10 nm	275.00	3.00	1,741 ft
				19 km	269.40		1,741 m

EDDL

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 145 ft / 44 m
Location: 51.289400 6.766620
Magnetic Var: 2.676 E

METAR

EDDL 060750Z AUTO 06008KT 020V090 CAVOK 16/10 Q1007 NOSIG

TAF

TAF EDDL 060500Z 0606/0712 07004KT 9999 BKN040 BECMG 0618/0621 RA BKN012 PROB30 TEMPO 0618/0622 2000 +TSRA BKN007

Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	50.00		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.03		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	50.00		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.02		296 m	283 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.01		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.02		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.02		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.01		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.01		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.02		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.02		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.01		145 m