

EDDT

Berlin Tegel

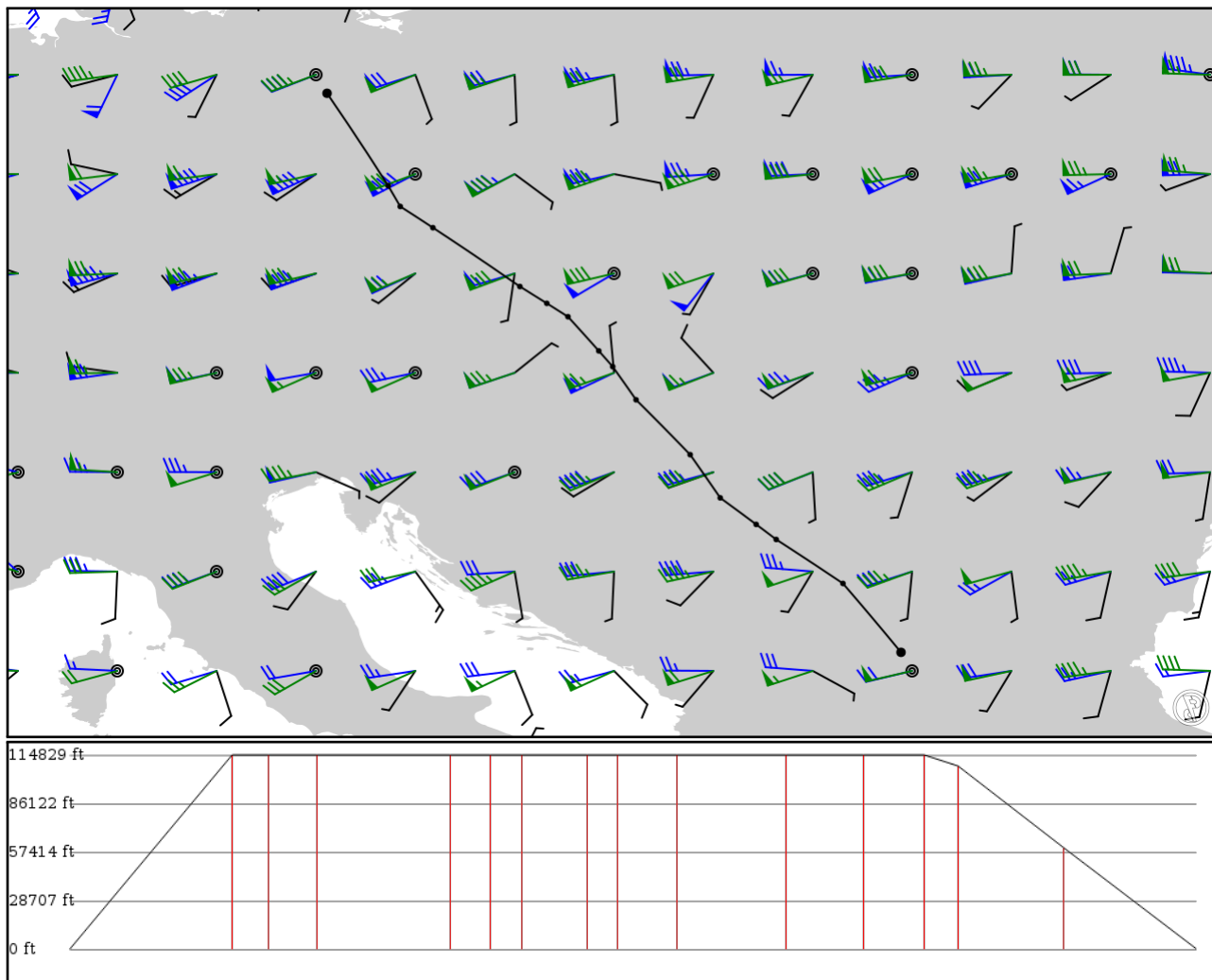
LBSF

Sofia

2024/05/06 0331Z

EDDT HDO **UM725** KOMUR **UL620** KOPIT **UM748** BERA **UP974** TABIN **UL616** KEROP **UP192** TISAK **UL610** UTEKA LBSF

730.16 nm / 1352.25 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: no
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-------------------|
| EDDT | - | 52.55910 | 0 ft | - | Berlin Tegel |
| APT | - | 13.29019 | 0 m | | |
| HDO | - | 50.92815 | 35,000 ft | 105 | HERMSDORF VOR-DME |
| VOR | - | 14.36880 | 10,668 m | | |
| KOMUR | UM725 | 50.56235 | 35,000 ft | 23 | - |
| FIX | AWY-HI | 14.58164 | 10,668 m | | |
| KOPIT | UL620 | 50.18821 | 35,000 ft | 31 | - |
| FIX | AWY-HI | 15.15795 | 10,668 m | | |
| BNO | UM748 | 49.15006 | 35,000 ft | 86 | BRNO VOR-DME |
| VOR | AWY-HI | 16.69258 | 10,668 m | | |
| ODNEM | UM748 | 48.85320 | 35,000 ft | 25 | - |
| FIX | AWY-HI | 17.16784 | 10,668 m | | |
| BERVA | UM748 | 48.61757 | 35,000 ft | 20 | - |
| FIX | AWY-HI | 17.54117 | 10,668 m | | |
| TABIN | UP974 | 48.01528 | 35,000 ft | 42 | - |
| FIX | AWY-HI | 18.08444 | 10,668 m | | |
| ALAMU | UL616 | 47.73694 | 35,000 ft | 19 | - |
| FIX | AWY-HI | 18.33000 | 10,668 m | | |
| PUSTA | UL616 | 47.15222 | 35,000 ft | 38 | - |
| FIX | AWY-HI | 18.74232 | 10,668 m | | |
| KEROP | UL616 | 46.18431 | 35,000 ft | 70 | - |
| FIX | AWY-HI | 19.69656 | 10,668 m | | |
| TISAK | UP192 | 45.42206 | 35,000 ft | 50 | - |
| FIX | AWY-HI | 20.22731 | 10,668 m | | |
| PELOV | UL610 | 44.95408 | 35,000 ft | 38 | - |
| FIX | AWY-HI | 20.86119 | 10,668 m | | |
| NERTA | UL610 | 44.68814 | 33,000 ft | 21 | - |
| FIX | AWY-HI | 21.21475 | 10,058 m | | |
| UTEKA | UL610 | 43.91222 | 18,300 ft | 68 | - |
| FIX | AWY-HI | 22.39222 | 5,578 m | | |
| LBSF | - | 42.69713 | 0 ft | 85 | Sofia |
| APT | - | 23.41672 | 0 m | | |

EDDT

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

Elevation: 122 ft / 37 m
Location: 52.559100 13.290200
Magnetic Var: 4.610 E

METAR

UNKNOWN

TAF

UNKNOWN

Frequencies

REC - 125.90 MHz - ATIS
TWR - 118.85 MHz - TEGEL TOWER
GND - 121.75 MHz - TEGEL GROUND
CLD - 121.92 MHz - CLEARANCE DELIVERY
APP - 119.60 MHz - BREMEN RADAR
APP - 126.42 MHz - BREMEN RADAR

REC - 112.30 MHz - ATIS
TWR - 124.52 MHz - TEGEL TOWER
GND - 136.00 MHz - TEGEL GROUND
APP - 120.60 MHz - BREMEN RADAR
APP - 119.50 MHz - BREMEN RADAR
APP - 136.10 MHz - BERLIN DIRECT

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 08L | 151 ft | 9,888 ft | 80.82 | ASPHALT | 0 ft | 217 ft |
| | 46 m | 3,014 m | 76.21 | | 0 m | 66 m |
| 26R | 151 ft | 9,888 ft | 260.86 | ASPHALT | 0 ft | 230 ft |
| | 46 m | 3,014 m | 256.25 | | 0 m | 70 m |
| 08R | 151 ft | 7,907 ft | 80.84 | ASPHALT | 325 ft | 164 ft |
| | 46 m | 2,410 m | 76.23 | | 99 m | 50 m |
| 26L | 151 ft | 7,907 ft | 260.87 | ASPHALT | 686 ft | 233 ft |
| | 46 m | 2,410 m | 256.26 | | 209 m | 71 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 08L | LOC-ILS | ITLE | 109.10 MHz | 18 nm | 80.84 | - | 122 ft |
| | | | | 33 km | 76.23 | | 122 m |
| 08R | LOC-ILS | ITGE | 108.50 MHz | 18 nm | 80.85 | - | 122 ft |
| | | | | 33 km | 76.24 | | 122 m |
| 26L | LOC-ILS | ITGW | 109.30 MHz | 18 nm | 260.85 | - | 122 ft |
| | | | | 33 km | 256.24 | | 122 m |
| 26R | LOC-ILS | ITLW | 110.10 MHz | 18 nm | 260.84 | - | 122 ft |
| | | | | 33 km | 256.23 | | 122 m |
| 08L | GS | ITLE | 109.10 MHz | 10 nm | 80.84 | 3.00 | 122 ft |
| | | | | 19 km | 76.23 | | 122 m |
| 08R | GS | ITGE | 108.50 MHz | 10 nm | 80.85 | 3.00 | 122 ft |
| | | | | 19 km | 76.24 | | 122 m |
| 26L | GS | ITGW | 109.30 MHz | 10 nm | 260.85 | 3.00 | 122 ft |
| | | | | 19 km | 256.24 | | 122 m |
| 26R | GS | ITLW | 110.10 MHz | 10 nm | 260.84 | 3.00 | 122 ft |
| | | | | 19 km | 256.23 | | 122 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 060300Z AUTO 32002KT 9999 FEW067/// 07/06 Q1017 NOSIG

TAF

TAF LBSF 052300Z 0600/0624 VRB04KT 9999 SCT050 TEMPO 0600/0607 3000 BR SCT015 PROB40 0602/0605 0600 BCFG OVC002 PR

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 |