

EDDK

Koeln-Bonn Airport Konrad Adenauer

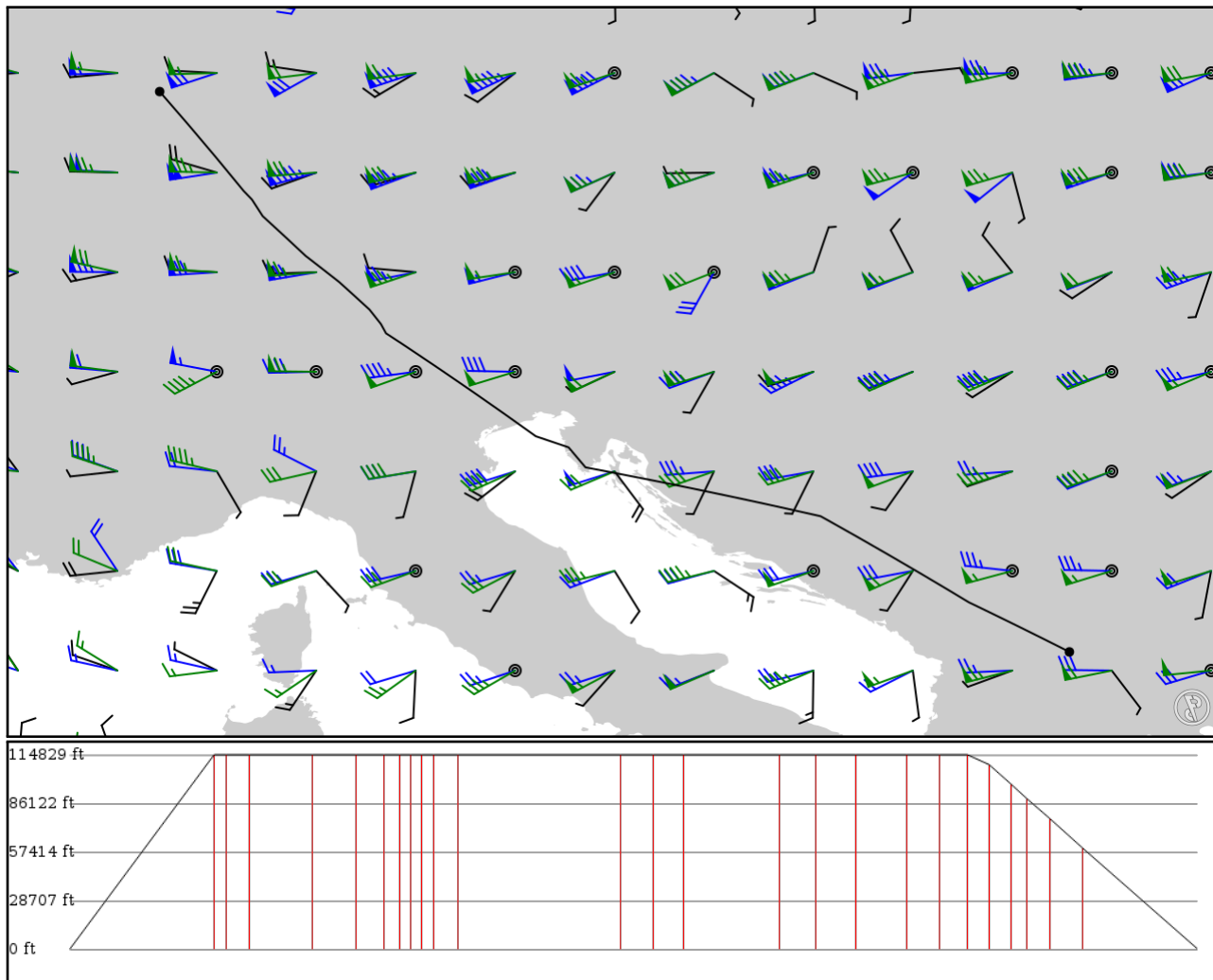
LWSK

Skopje

2024/05/07 0638Z

EDDK NEKLO Y171 INKAM T725 LAMGO UM150 UTABA UL607 ELMEM UN606 OTRES UT307 DIRAB T307 BABAG VRS
P28 PUL L614 SOLGU M867 MEDUX LWSK

842.63 nm / 1560.56 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 |
|---------------|--------|----------|------------|-----|--------------|------------------------------------|
| EDDK | - | 50.86580 | 0 ft | - | | Koeln-Bonn Airport Konrad Adenauer |
| APT | - | 7.13891 | 0 m | | | |
| NEKLO | - | 49.28610 | 35,000 ft | 107 | - | |
| FIX | - | 8.47639 | 10,668 m | | | |
| INKAM | Y171 | 49.15000 | 35,000 ft | 9 | - | |
| FIX | AWY-LO | 8.60778 | 10,668 m | | | |
| LAMGO | T725 | 48.88580 | 35,000 ft | 17 | - | |
| FIX | AWY-LO | 8.77917 | 10,668 m | | | |
| UTABA | UM150 | 48.25500 | 35,000 ft | 46 | - | |
| FIX | AWY-HI | 9.46167 | 10,668 m | | | |
| MOMUK | UL607 | 47.83860 | 35,000 ft | 32 | - | |
| FIX | AWY-HI | 9.99694 | 10,668 m | | | |
| BEMKI | UL607 | 47.55940 | 35,000 ft | 20 | - | |
| FIX | AWY-HI | 10.30560 | 10,668 m | | | |
| XEBIX | UL607 | 47.40000 | 35,000 ft | 11 | - | |
| FIX | AWY-HI | 10.47990 | 10,668 m | | | |
| ELMEM | UL607 | 47.28560 | 35,000 ft | 7 | - | |
| FIX | AWY-HI | 10.57070 | 10,668 m | | | |
| BILDU | UN606 | 47.17040 | 35,000 ft | 7 | - | |
| FIX | AWY-HI | 10.66180 | 10,668 m | | | |
| OTRES | UN606 | 47.02350 | 35,000 ft | 9 | - | |
| FIX | AWY-HI | 10.74240 | 10,668 m | | | |
| DIRAB | UT307 | 46.81370 | 35,000 ft | 18 | - | |
| FIX | AWY-HI | 11.06230 | 10,668 m | | | |
| BABAG | T307 | 45.38690 | 35,000 ft | 121 | - | |
| FIX | AWY-HI | 13.12690 | 10,668 m | | | |
| VRS | - | 45.21020 | 35,000 ft | 24 | VRSAR | |
| NDB | - | 13.64900 | 10,668 m | | | |
| PUL | P28 | 44.89240 | 35,000 ft | 22 | PULA | |
| VOR | AWY-LO | 13.91810 | 10,668 m | | | |
| PALEZ | L614 | 44.57500 | 35,000 ft | 71 | - | |
| FIX | AWY-LO | 15.53310 | 10,668 m | | | |
| SONIK | L614 | 44.44830 | 35,000 ft | 27 | - | |
| FIX | AWY-LO | 16.14330 | 10,668 m | | | |
| ELTIB | L614 | 44.30360 | 35,000 ft | 30 | - | |
| FIX | AWY-LO | 16.81640 | 10,668 m | | | |
| SOLGU | L614 | 44.11580 | 35,000 ft | 38 | - | |
| FIX | AWY-LO | 17.66140 | 10,668 m | | | |
| GILUK | M867 | 43.86690 | 35,000 ft | 24 | - | |
| FIX | AWY-LO | 18.10560 | 10,668 m | | | |
| RUDAR | M867 | 43.64860 | 35,000 ft | 21 | - | |
| FIX | AWY-LO | 18.48920 | 10,668 m | | | |
| OSLUD | M867 | 43.47720 | 33,200 ft | 16 | - | |
| FIX | AWY-LO | 18.78720 | 10,119 m | | | |
| GORAV | M867 | 43.30810 | 29,700 ft | 16 | - | |
| FIX | AWY-LO | 19.07780 | 9,053 m | | | |
| BUNEX | M867 | 43.18440 | 27,100 ft | 11 | - | |
| FIX | AWY-LO | 19.28870 | 8,260 m | | | |
| MODRA | M867 | 43.00700 | 23,500 ft | 16 | - | |
| FIX | AWY-LO | 19.58880 | 7,163 m | | | |
| MEDUX | M867 | 42.74750 | 18,200 ft | 24 | - | |
| FIX | AWY-LO | 20.02190 | 5,547 m | | | |
| LWSK | - | 41.95940 | 0 ft | 85 | Skopje | |
| APT | - | 21.62220 | 0 m | | | |

EDDK

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 3

Elevation: 296 ft / 90 m
Location: 50.865800 7.138910
Magnetic Var: 2.786 E

METAR

EDDK 070620Z AUTO VRB02KT 7000 FEW042 12/11 Q1015 NOSIG

TAF

TAF EDDK 070500Z 0706/0812 35005KT 9999 BKN025 TEMPO 0712/0717 36010KT BECMG 0800/0803 4000 BR PROB40 TEMPO 0803/0806 3000 BR

Frequencies

| | |
|--|--|
| REC - 112.15 MHz - ATIS | CLD - 121.85 MHz - KOELN BONN DELIVERY |
| GND - 121.72 MHz - KOELN BONN GROUND | GND - 121.95 MHz - KOELN BONN APRON |
| TWR - 124.97 MHz - KOELN BONN TOWER | TWR - 136.25 MHz - KOELN BONN MILITARY |
| APP - 118.75 MHz - LANGEN RADAR | APP - 135.35 MHz - LANGEN RADAR |
| APP - 121.05 MHz - KOELN BONN DIRECTOR | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 14L | 197 ft | 12,495 ft | 137.55 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,808 m | 134.76 | | 0 m | 0 m |
| 32R | 197 ft | 12,495 ft | 317.58 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 3,808 m | 314.79 | | 0 m | 0 m |
| 06 | 148 ft | 8,045 ft | 64.33 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,452 m | 61.55 | | 0 m | 0 m |
| 24 | 148 ft | 8,045 ft | 244.36 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 2,452 m | 241.57 | | 0 m | 0 m |
| 14R | 148 ft | 6,104 ft | 137.56 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 1,860 m | 134.78 | | 0 m | 0 m |
| 32L | 148 ft | 6,104 ft | 317.58 | ASPHALT | 0 ft | 0 ft |
| | 45 m | 1,860 m | 314.79 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 14L | LOC-ILS | IKES | 110.90 MHz | 18 nm | 137.57 | - | 296 ft |
| | | | | 33 km | 134.78 | | 296 m |
| 24 | LOC-ILS | IKOW | 109.10 MHz | 18 nm | 244.35 | - | 296 ft |
| | | | | 33 km | 241.56 | | 296 m |
| 32R | LOC-ILS | IKEN | 111.10 MHz | 18 nm | 317.57 | - | 296 ft |
| | | | | 33 km | 314.78 | | 296 m |
| 14L | GS | IKES | 110.90 MHz | 10 nm | 137.57 | 3.00 | 296 ft |
| | | | | 19 km | 134.78 | | 296 m |
| 24 | GS | IKOW | 109.10 MHz | 10 nm | 244.35 | 3.00 | 296 ft |
| | | | | 19 km | 241.56 | | 296 m |
| 32R | GS | IKEN | 111.10 MHz | 10 nm | 317.57 | 3.00 | 296 ft |
| | | | | 19 km | 314.78 | | 296 m |

LWSK

Region: MACEDONIA
Timezone: EUROPE/SKOPJE
Runways: 1

Elevation: 780 ft / 238 m
Location: 41.959400 21.622200
Magnetic Var: 5.239 E

METAR

LWSK 070552Z VRB01KT CAVOK 16/11 Q1016 NOSIG

TAF

TAF LWSK 070525Z 0706/0806 VRB02KT CAVOK

Frequencies

REC - 130.12 MHz - ATIS
APP - 120.30 MHz -

TWR - 118.50 MHz -

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 16 | 140 ft | 9,684 ft | 165.46 | ASPHALT | 0 ft | 85 ft |
| | 43 m | 2,952 m | 160.22 | | 0 m | 26 m |
| 34 | 140 ft | 9,684 ft | 345.47 | ASPHALT | 1,640 ft | 200 ft |
| | 43 m | 2,952 m | 340.23 | | 500 m | 61 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 34 | DME | MSK | 108.70 MHz | 50 nm | - | - | 758 ft |
| | | | | 93 km | - | | 758 m |
| 34 | LOC-ILS | MSK | 108.70 MHz | 18 nm | 345.47 | - | 780 ft |
| | | | | 33 km | 340.23 | | 780 m |
| 34 | GS | MSK | 108.70 MHz | 10 nm | 345.47 | 3.30 | 780 ft |
| | | | | 19 km | 340.23 | | 780 m |