

ENGM

Oslo Gardermoen

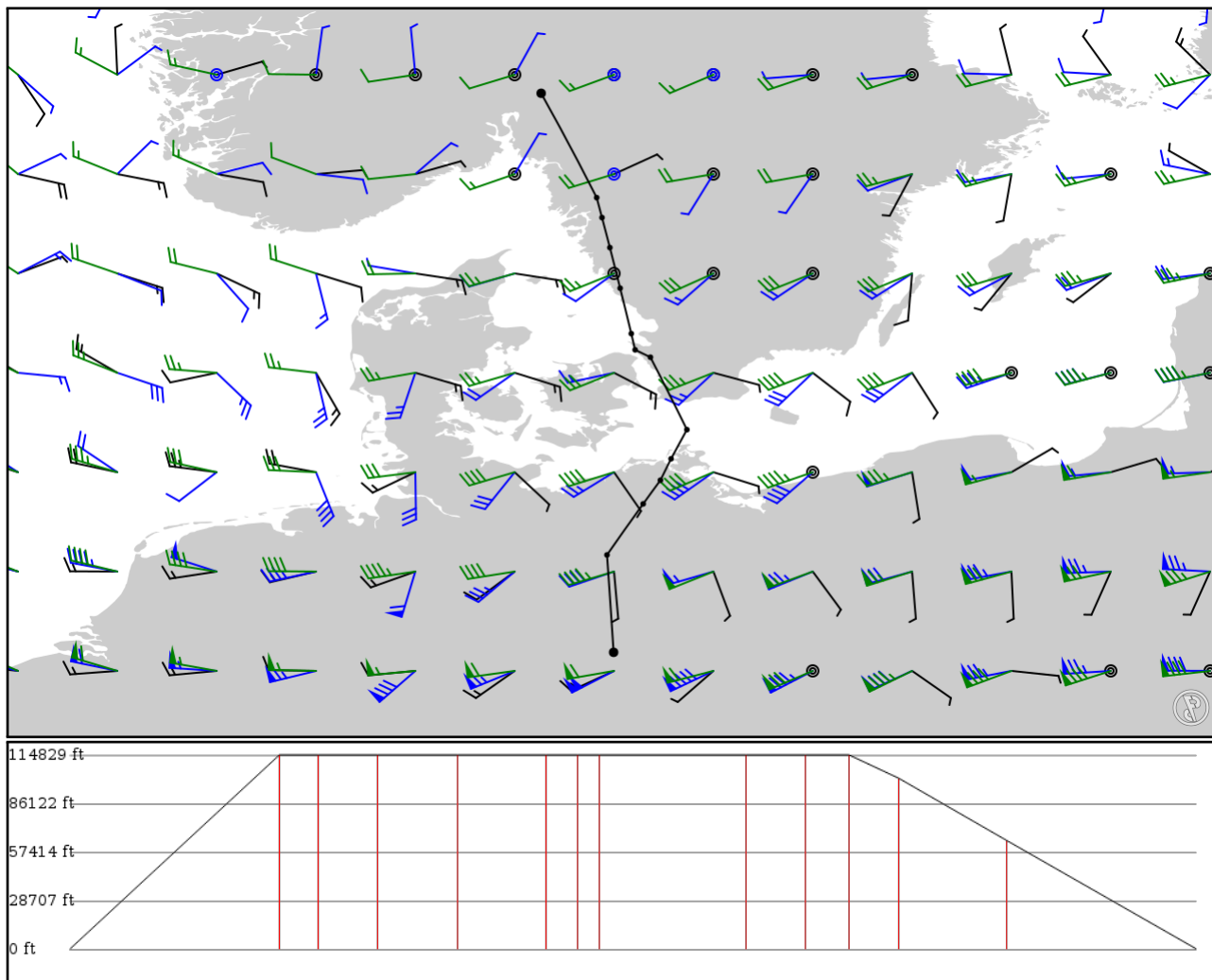
EDDP

Leipzig-Halle

2024/05/17 2044Z

ENGM LATKU **L996** SVD **L621** INRER **M44** SALLO **M736** PEROM **UM736** INDOK EDDP

546.41 nm / 1011.95 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
ENGM	-	60.19450	0 ft	-	Oslo Gardermoen
APT	-	11.09890	0 m	-	
LATKU	-	58.55720	35,000 ft	101	-
FIX	-	11.97030	10,668 m	-	
KELIN	L996	58.24360	35,000 ft	19	-
FIX	AWY-HI	12.05420	10,668 m	-	
LALIL	L996	57.77350	35,000 ft	28	-
FIX	AWY-HI	12.17720	10,668 m	-	
TOPLA	L996	57.13590	35,000 ft	38	-
FIX	AWY-HI	12.33890	10,668 m	-	
ATRIB	L996	56.42330	35,000 ft	43	-
FIX	AWY-HI	12.51330	10,668 m	-	
SVD	L996	56.16890	35,000 ft	15	SVEDA VOR-DME
DME	AWY-HI	12.57380	10,668 m	-	
INRER	L621	56.05270	35,000 ft	10	-
FIX	AWY-HI	12.81370	10,668 m	-	
SALLO	M44	54.91670	35,000 ft	70	-
FIX	AWY-HI	13.38620	10,668 m	-	
PEROM	M736	54.45970	35,000 ft	28	-
FIX	AWY-HI	13.13770	10,668 m	-	
BAKDO	UM736	54.12310	35,000 ft	21	-
FIX	AWY-HI	12.97030	10,668 m	-	
TIMIB	UM736	53.75220	30,800 ft	24	-
FIX	AWY-HI	12.69970	9,388 m	-	
INDOK	UM736	52.95140	19,600 ft	52	-
FIX	AWY-HI	12.13220	5,974 m	-	
EDDP	-	51.42260	0 ft	91	Leipzig-Halle
APT	-	12.23600	0 m	-	

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.484 E

METAR

ENGM 172020Z 14005KT 110V170 CAVOK 18/01 Q1018 NOSIG

TAF

TAF ENGM 171700Z 1718/1818 17010KT CAVOK BECMG 1720/1722 01003KT BECMG 1808/1810 19010KT

Frequencies

REC - 126.12 MHz - GARDERMOEN ARRIVAL INFORMATION
CLD - 121.67 MHz - GARDERMOEN DELIVERY WEST
GND - 121.75 MHz - GARDERMOEN GROUND
GND - 121.90 MHz - GARDERMOEN GROUND EAST
TWR - 120.10 MHz - GARDERMOEN TOWER
APP - 120.45 MHz - OSLO APPROACH

REC - 127.15 MHz - GARDERMOEN DEPARTURE INFORMATION
CLD - 121.92 MHz - GARDERMOEN DELIVERY EAST
GND - 121.60 MHz - GARDERMOEN GROUND WEST
TWR - 118.30 MHz - GARDERMOEN TOWER
APP - 118.47 MHz - OSLO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	148 ft	9,664 ft	16.01	ASPHALT	0 ft	486 ft
	45 m	2,946 m	11.52		0 m	148 m
19L	148 ft	9,664 ft	196.02	ASPHALT	0 ft	489 ft
	45 m	2,946 m	191.54		0 m	149 m
01L	148 ft	11,797 ft	15.99	ASPHALT	0 ft	423 ft
	45 m	3,596 m	11.51		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.53		0 m	148 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	OBW	110.30 MHz	18 nm	-	-	709 ft
				33 km	-		709 m
01R	DME	ONE	111.95 MHz	18 nm	-	-	723 ft
				33 km	-		723 m
19L	DME	GME	110.55 MHz	18 nm	-	-	729 ft
				33 km	-		729 m
19R	DME	GSW	111.30 MHz	18 nm	-	-	727 ft
				33 km	-		727 m
01L	LOC-ILS	OBW	110.30 MHz	18 nm	16.00	-	681 ft
				33 km	11.52		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.56		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.56		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.52		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.52		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.56		681 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	GS	GME	110.55 MHz	10 nm	196.04	3.00	681 ft
				19 km	191.56		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.52		681 m

EDDP

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

Elevation: 470 ft / 143 m
Location: 51.422600 12.236000
Magnetic Var: 4.238 E

METAR

EDDP 172020Z AUTO 08009KT 9999 BKN048 14/10 Q1009 NOSIG

TAF

TAF EDDP 171700Z 1718/1818 11010KT 9999 BKN030 BECMG 1802/1804 10005KT BECMG 1806/1808 20005KT TEMPO 1806/1818 SH

Frequencies

REC - 123.95 MHz - LEIPZIG ATIS	GND - 121.67 MHz - LEIPZIG GROUND
TWR - 125.95 MHz - LEIPZIG TOWER	TWR - 121.10 MHz - LEIPZIG TOWER
COM - 121.10 MHz - LEIPZIG UNICOM	APP - 126.17 MHz - MUNCHEN RADAR
APP - 379.92 MHz - MUNCHEN RADAR	APP - 128.47 MHz - LEIPZIG DIRECTOR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	148 ft	11,769 ft	85.69	CONCRETE	0 ft	331 ft
	45 m	3,587 m	81.45		0 m	101 m
26R	148 ft	11,769 ft	265.73	CONCRETE	0 ft	335 ft
	45 m	3,587 m	261.49		0 m	102 m
08R	197 ft	11,778 ft	85.69	CONCRETE	0 ft	325 ft
	60 m	3,590 m	81.45		0 m	99 m
26L	197 ft	11,778 ft	265.73	CONCRETE	0 ft	341 ft
	60 m	3,590 m	261.49		0 m	104 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	ILNE	108.55 MHz	18 nm	85.71	-	470 ft
				33 km	81.47		470 m
08R	LOC-ILS	ILSR	111.75 MHz	18 nm	85.71	-	470 ft
				33 km	81.47		470 m
26L	LOC-ILS	ILSL	110.30 MHz	18 nm	265.71	-	470 ft
				33 km	261.47		470 m
26R	LOC-ILS	ILNW	108.35 MHz	18 nm	265.71	-	470 ft
				33 km	261.47		470 m
08L	GS	ILNE	108.55 MHz	10 nm	85.71	3.00	470 ft
				19 km	81.47		470 m
08R	GS	ILSR	111.75 MHz	10 nm	85.71	3.00	470 ft
				19 km	81.47		470 m
26L	GS	ILSL	110.30 MHz	10 nm	265.71	3.00	470 ft
				19 km	261.47		470 m
26R	GS	ILNW	108.35 MHz	10 nm	265.71	3.00	470 ft
				19 km	261.47		470 m