

LPFR

Faro

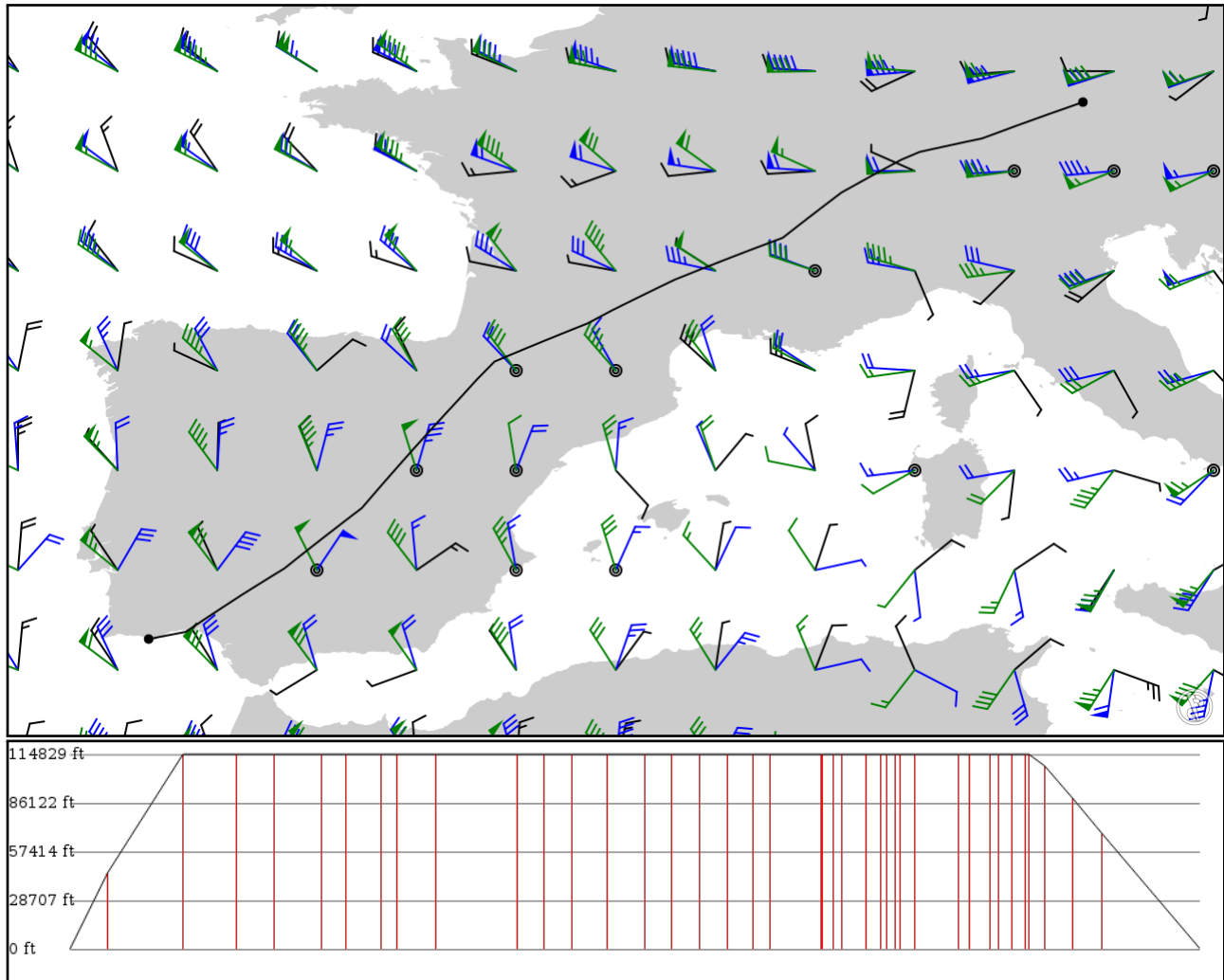
EDDM

Muenchen International Airport Franz-Josef Strauss

2024/06/04 2038Z

LPFR OSLEP **UN858** OXACA **UM30** HIJ **UN10** VTB **UN871** MEN **G53** MEZIN **UN871** LUXAN **G53** LTP **UN871** DITON **T103**
NUNRI EDDM

1121.43 nm / 2076.88 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
LPFR	-	37.01530	0 ft	-	Faro
APT	-	-7.97232	0 m		
OSLEP	-	37.16540	13,700 ft	38	-
FIX	-	-7.19183	4,176 m		
OXACA	UN858	37.95000	35,000 ft	73	-
FIX	AWY-HI	-6.00000	10,668 m		
HIJ	UM30	38.50810	35,000 ft	54	HINOJOSA DEL DUQUE
VOR	AWY-HI	-5.09969	10,668 m		
CRISA	UN10	38.93860	35,000 ft	36	-
FIX	AWY-HI	-4.55628	10,668 m		
BOGAS	UN10	39.50610	35,000 ft	48	-
FIX	AWY-HI	-3.82464	10,668 m		
VTB	UN10	39.78080	35,000 ft	23	VILLATOBAS
VOR	AWY-HI	-3.46403	10,668 m		
PALIO	UN871	40.26220	35,000 ft	34	-
FIX	AWY-HI	-3.04831	10,668 m		
LIPOR	UN871	40.49110	35,000 ft	16	-
FIX	AWY-HI	-2.84811	10,668 m		
SEGRE	UN871	41.02280	35,000 ft	38	-
FIX	AWY-HI	-2.37647	10,668 m		
LARDA	UN871	42.13160	35,000 ft	80	-
FIX	AWY-HI	-1.36208	10,668 m		
RONKO	UN871	42.49600	35,000 ft	26	-
FIX	AWY-HI	-1.03067	10,668 m		
LATEK	UN871	42.87500	35,000 ft	28	-
FIX	AWY-HI	-0.65694	10,668 m		
OBUTO	UN871	43.15920	35,000 ft	34	-
FIX	AWY-HI	0.02083	10,668 m		
GONUP	UN871	43.46080	35,000 ft	36	-
FIX	AWY-HI	0.75889	10,668 m		
TOU	UN871	43.68080	35,000 ft	27	TOULOUSE BLAGNAC
VOR	AWY-HI	1.30981	10,668 m		
GAI	UN871	43.95410	35,000 ft	27	GAILLAC
VOR	AWY-HI	1.82417	10,668 m		
MAKIL	UN871	44.20970	35,000 ft	27	-
FIX	AWY-HI	2.33972	10,668 m		
GONIM	UN871	44.45440	35,000 ft	26	-
FIX	AWY-HI	2.84222	10,668 m		
MEN	UN871	44.60840	35,000 ft	16	MENDE
VOR	AWY-HI	3.16242	10,668 m		
MEZIN	G53	45.01720	35,000 ft	50	-
FIX	AWY-LO	4.19583	10,668 m		
LATAM	UN871	45.03390	35,000 ft	2	-
FIX	AWY-HI	4.23911	10,668 m		
OTROT	UN871	45.11360	35,000 ft	9	-
FIX	AWY-HI	4.44556	10,668 m		
ETREK	UN871	45.18760	35,000 ft	9	-
FIX	AWY-HI	4.63872	10,668 m		
LUXAN	UN871	45.37470	35,000 ft	23	-
FIX	AWY-HI	5.13278	10,668 m		
LTP	G53	45.48900	35,000 ft	14	LA TOUR DU PIN
VOR	AWY-LO	5.43906	10,668 m		
GIPNO	UN871	45.56000	35,000 ft	5	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	5.52917	10,668 m		
NAVLA	UN871	45.66720	35,000 ft	8	-
FIX	AWY-HI	5.66694	10,668 m		
SOPLO	UN871	45.72890	35,000 ft	4	-
FIX	AWY-HI	5.74583	10,668 m		
OMASI	UN871	45.90610	35,000 ft	14	-
FIX	AWY-HI	5.97417	10,668 m		
MOLUS	UN871	46.44390	35,000 ft	43	-
FIX	AWY-HI	6.67944	10,668 m		
SOSAL	UN871	46.55810	35,000 ft	10	-
FIX	AWY-HI	6.88444	10,668 m		
TELNO	UN871	46.77200	35,000 ft	20	-
FIX	AWY-HI	7.27081	10,668 m		
KORED	UN871	46.85060	35,000 ft	7	-
FIX	AWY-HI	7.41417	10,668 m		
KONOL	UN871	46.99530	35,000 ft	13	-
FIX	AWY-HI	7.68083	10,668 m		
BERSU	UN871	47.13550	35,000 ft	13	-
FIX	AWY-HI	7.94131	10,668 m		
SUREP	UN871	47.16530	35,000 ft	3	-
FIX	AWY-HI	8.01083	10,668 m		
DITON	UN871	47.30220	32,900 ft	15	-
FIX	AWY-HI	8.33333	10,028 m		
KUDIS	T103	47.44110	27,100 ft	27	-
FIX	AWY-HI	8.96694	8,260 m		
NUNRI	T103	47.58670	20,800 ft	29	-
FIX	AWY-HI	9.65250	6,340 m		
EDDM	-	48.35380	0 ft	97	Muenchen International Airport Franz-Josef Strauss
APT	-	11.78610	0 m		

LPFR

Region: PORTUGAL
Timezone: EUROPE/LISBON
Runways: 1

Elevation: 22 ft / 7 m
Location: 37.015300 -7.972320
Magnetic Var: 1.167 W

METAR

LPFR 042000Z 24005KT CAVOK 20/17 Q1014

TAF

TAF LPFR 041700Z 0418/0518 25010KT 9999 FEW025 BECMG 0421/0424 VRB02KT 5000 BR SCT006 PROB30 TEMPO 0500/0506 1500

Frequencies

REC - 124.20 MHz - ATIS
TWR - 120.75 MHz -

GND - 118.57 MHz -
APP - 119.40 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	8,179 ft	100.08	ASPHALT	148 ft	0 ft
	45 m	2,493 m	101.24		45 m	0 m
28	148 ft	8,179 ft	280.09	ASPHALT	144 ft	0 ft
	45 m	2,493 m	281.26		44 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	DME	IIF	109.50 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28	LOC-ILS	IIF	109.50 MHz	18 nm	280.08	-	22 ft
				33 km	281.25		22 m
28	GS	IIF	109.50 MHz	10 nm	280.17	3.00	24 ft
				19 km	281.34		24 m

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.949 E

METAR

EDDM 042020Z AUTO 15004KT 120V200 CAVOK 14/12 Q1013 NOSIG

TAF

TAF EDDM 041700Z 0418/0524 VRB02KT CAVOK BECMG 0506/0508 27006KT BECMG 0516/0518 VRB02KT PROB30 TEMPO 0518/0524 2

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.44		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.48		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.42		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.46		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.46		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.44		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.44		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.46		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.46		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.44		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.44		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.46		1,484 m