

EDDM

Muenchen Franz-Josef Strauss

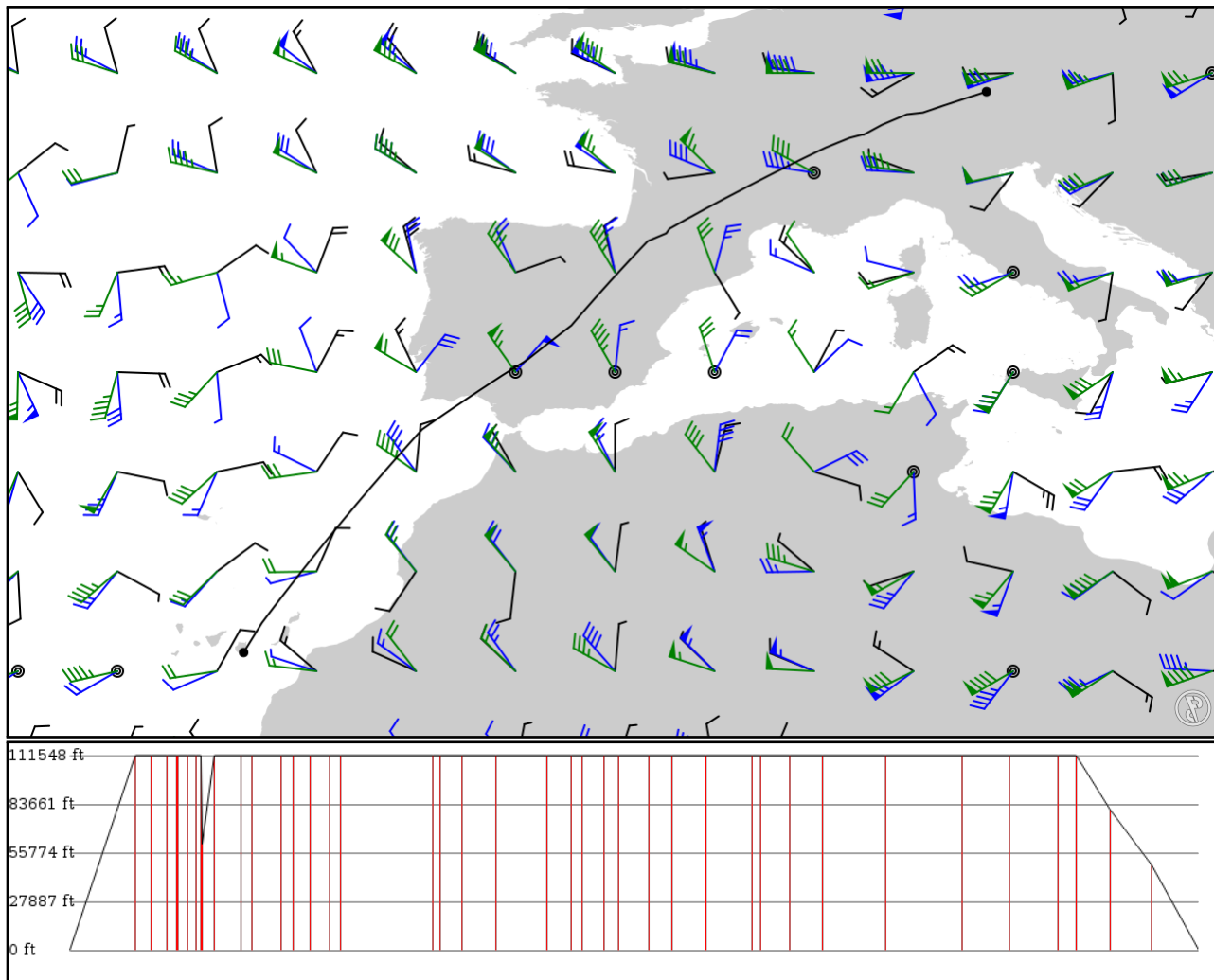
GCLB

El Berriel

2024/05/11 1022Z

EDDM **BODAN T102** KUDES **UN871** TELNO **W112** FRI **Z60** VADAR **UZ669** MILPA **UN869** OBUTO **UN871** VTB **UN10** HIJ
UW990 OXACA **UN858** VASTO **N858** LARYS GCLB

1787.13 nm / 3309.77 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 400ft
- Cruise Speed: 450kts
- 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
EDDM	-	48.35379	0 ft	-	Muenchen Franz-Josef Strauss
APT	-	11.78612	0 m	-	
BODAN	-	47.58750	34,000 ft	104	-
FIX	-	9.45139	10,363 m	-	
KUDES	T102	47.52083	34,000 ft	24	-
FIX	AWY-HI	8.85722	10,363 m	-	
DITON	UN871	47.30222	34,000 ft	25	-
FIX	AWY-HI	8.33333	10,363 m	-	
SUREP	UN871	47.16528	34,000 ft	15	-
FIX	AWY-HI	8.01083	10,363 m	-	
BERSU	UN871	47.13556	34,000 ft	3	-
FIX	AWY-HI	7.94139	10,363 m	-	
KONOL	UN871	46.99528	34,000 ft	13	-
FIX	AWY-HI	7.68083	10,363 m	-	
KORED	UN871	46.85056	34,000 ft	13	-
FIX	AWY-HI	7.41417	10,363 m	-	
TELNO	UN871	46.77194	34,000 ft	7	-
FIX	AWY-HI	7.27083	10,363 m	-	
FRI	W112	46.77758	18,500 ft	1	FRIBOURG VOR-DME
VOR	AWY-LO	7.22350	5,639 m	-	
VADAR	Z60	46.65722	34,000 ft	20	-
FIX	AWY-HI	6.75361	10,363 m	-	
MILPA	UZ669	46.30250	34,000 ft	41	-
FIX	AWY-HI	5.87972	10,363 m	-	
NINTU	UN869	46.14722	34,000 ft	16	-
FIX	AWY-HI	5.55306	10,363 m	-	
MEBAK	UN869	45.70806	34,000 ft	46	-
FIX	AWY-HI	4.64889	10,363 m	-	
REPSI	UN869	45.52250	34,000 ft	19	-
FIX	AWY-HI	4.27528	10,363 m	-	
LERGA	UN869	45.25722	34,000 ft	27	-
FIX	AWY-HI	3.75028	10,363 m	-	
MOKDI	UN869	44.95694	34,000 ft	30	-
FIX	AWY-HI	3.16694	10,363 m	-	
OLRAK	UN869	44.78444	34,000 ft	17	-
FIX	AWY-HI	2.83722	10,363 m	-	
TBO	UN869	43.33222	34,000 ft	145	TARBES VOR
VOR	AWY-HI	0.14575	10,363 m	-	
OBUTO	UN869	43.15917	34,000 ft	11	-
FIX	AWY-HI	0.02083	10,363 m	-	
LATEK	UN871	42.87500	34,000 ft	34	-
FIX	AWY-HI	-0.65694	10,363 m	-	
LARDA	UN871	42.13158	34,000 ft	54	-
FIX	AWY-HI	-1.36209	10,363 m	-	
SEGRE	UN871	41.02283	34,000 ft	80	-
FIX	AWY-HI	-2.37646	10,363 m	-	
LIPOR	UN871	40.49105	34,000 ft	38	-
FIX	AWY-HI	-2.84811	10,363 m	-	
PALIO	UN871	40.26216	34,000 ft	16	-
FIX	AWY-HI	-3.04831	10,363 m	-	
VTB	UN871	39.78077	34,000 ft	34	VILLATOBAS VOR-DME
VOR	AWY-HI	-3.46403	10,363 m	-	
BOGAS	UN10	39.50610	34,000 ft	23	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-3.82465	10,363 m		
CRISA	UN10	38.93861	34,000 ft	48	-
FIX	AWY-HI	-4.55628	10,363 m		
HIJ	UN10	38.50813	34,000 ft	36	HINOJOSA VOR-DME
VOR	AWY-HI	-5.09968	10,363 m		
OXACA	UN990	37.95000	34,000 ft	54	-
FIX	AWY-HI	-6.00000	10,363 m		
LEPES	UN858	37.16543	34,000 ft	73	-
FIX	AWY-HI	-7.19184	10,363 m		
PESAS	UN858	37.03669	34,000 ft	11	-
FIX	AWY-HI	-7.38333	10,363 m		
OBOLO	UN858	36.53139	34,000 ft	47	-
FIX	AWY-HI	-8.13250	10,363 m		
AKUDA	UN858	35.96667	34,000 ft	52	-
FIX	AWY-HI	-8.95000	10,363 m		
SUNID	UN858	34.61972	34,000 ft	100	-
FIX	AWY-HI	-10.15667	10,363 m		
ATLUX	UN858	32.99750	34,000 ft	119	-
FIX	AWY-HI	-11.55167	10,363 m		
DIMSA	UN858	31.97194	34,000 ft	75	-
FIX	AWY-HI	-12.39889	10,363 m		
SULAM	UN858	30.91833	34,000 ft	76	-
FIX	AWY-HI	-13.25000	10,363 m		
VASTO	UN858	30.50944	34,000 ft	29	-
FIX	AWY-HI	-13.57278	10,363 m		
SARAY	N858	29.75863	24,500 ft	54	-
FIX	AWY-LO	-14.15743	7,468 m		
LARYS	N858	28.87183	14,900 ft	63	-
FIX	AWY-LO	-14.83429	4,542 m		
GCLB	-	27.78242	0 ft	74	El Berriel
APT	-	-15.50731	0 m		

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.941 E

METAR

EDDM 110950Z AUTO 07007KT 040V110 CAVOK 18/08 Q1021 NOSIG

TAF

TAF EDDM 110500Z 1106/1212 VRB03KT CAVOK BECMG 1106/1108 08007KT BECMG 1117/1119 VRB03KT PROB30 TEMPO 1202/1205 1

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	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		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	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m