

ETSI

Ingolstadt Manching

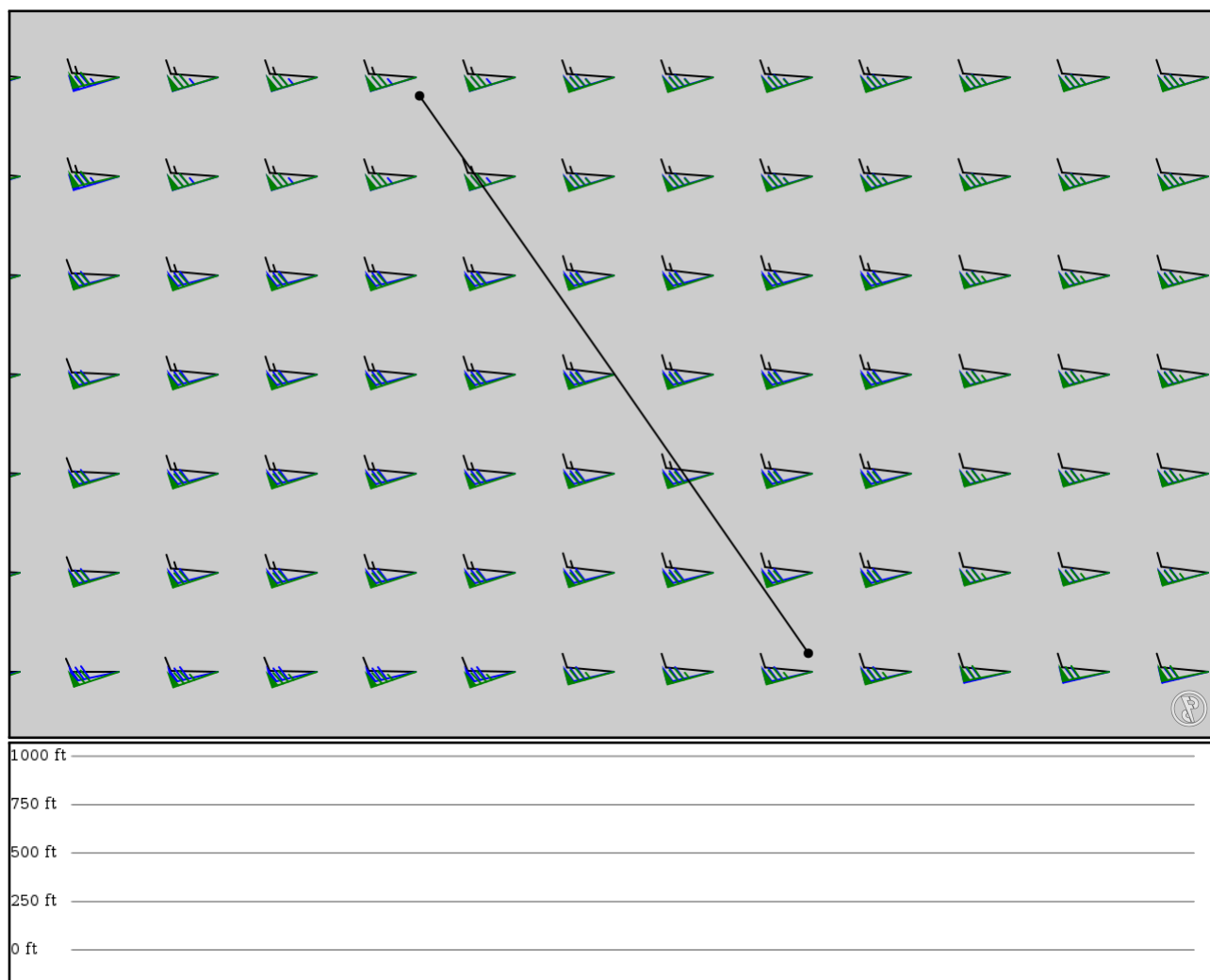
EDDM

Muenchen International Airport Franz-Josef Strauss

2024/05/16 0250Z

ETSI DETUM EDDM

23.90 nm / 44.27 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
ETSI	-	48.71510	0 ft	-		Ingolstadt Manching
APT	-	11.53400	0 m			
DETUM	-	48.35390	0 ft	23	-	
FIX	-	11.78610	0 m			
EDDM	-	48.35380	0 ft	0		Muenchen International Airport Franz-Josef Strauss
APT	-	11.78610	0 m			

ETSI

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

Elevation: 1,203 ft / 367 m
Location: 48.715100 11.534000
Magnetic Var: 3.901 E

METAR

ETSI 160220Z AUTO 08003KT //// // // 13/08 Q1005 ///

TAF

UNKNOWN

Frequencies

TWR - 125.25 MHz - INGO TOWER
GND - 122.10 MHz - INGO GROUND
APP - 120.60 MHz - INGO RADAR
REC - 120.65 MHz - ATIS

TWR - 122.10 MHz - INGO TOWER
APP - 125.57 MHz - INGO RADAR
COM - 122.80 MHz - INGO UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	197 ft	9,655 ft	68.14	CONCRETE	0 ft	1,047 ft
	60 m	2,943 m	64.24		0 m	319 m
25L	197 ft	9,655 ft	248.17	CONCRETE	0 ft	1,063 ft
	60 m	2,943 m	244.27		0 m	324 m
07L	98 ft	8,007 ft	68.19	ASPHALT	0 ft	1,499 ft
	30 m	2,440 m	64.29		0 m	457 m
25R	98 ft	8,007 ft	248.22	ASPHALT	0 ft	1,033 ft
	30 m	2,440 m	244.31		0 m	315 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25L	LOC-ILS	MG	108.10 MHz	18 nm	248.36	-	1,209 ft
				33 km	244.46		1,209 m
25L	GS	MG	108.10 MHz	10 nm	248.30	3.00	1,229 ft
				19 km	244.40		1,229 m

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.942 E

METAR

EDDM 160220Z AUTO 31002KT CAVOK 11/08 Q1006 NOSIG

TAF

TAF AMD EDDM 160144Z 1601/1706 25005KT CAVOK PROB30 TEMPO 1605/1607 4000 -RA BKN012 BECMG 1605/1608 07006KT TEMPO

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