

EDDM - Munich - Muenchen Franz-josef-strauss

Airport details

State	Bavaria
Country	Germany
Region	ED
Elevation	1481ft (451m)
Timezone	GMT +1
Coordinates	48.35378, 11.78609
Type	land
ICAO code	EDDM
IATA code	MUC
FAA code	n/a

Runway info

Runway 08L / 26R	
length	3989m (13087ft)
bearing	86° / 266°
width	60m (197ft)
surface	concrete
Runway 08R / 26L	
length	3989m (13087ft)
bearing	86° / 266°
width	60m (197ft)
surface	concrete

Communication

Muenchen Franz-Josef-Strauss	123.130
Muenchen ATIS	
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Muenchen ATIS	
Muenchen Franz-Josef-Strauss	123.130
Muenchen ATIS	
Muenchen Franz-Josef-Strauss	121.730
Muenchen Delivery	
Muenchen Franz-Josef-Strauss	121.730
Muenchen Delivery	
Muenchen Franz-Josef-Strauss	121.730
Muenchen Delivery	
Muenchen Franz-Josef-Strauss	121.730
Muenchen Delivery	
Muenchen Franz-Josef-Strauss	121.980
Muenchen Ground	

Muenchen Franz-Josef-Strauss	121.980
Muenchen Ground	
Muenchen Franz-Josef-Strauss	121.980
Muenchen Ground	
Muenchen Franz-Josef-Strauss	121.980
Muenchen Ground	
Muenchen Franz-Josef-Strauss	118.705
Muenchen Tower North	
Muenchen Franz-Josef-Strauss	120.505
Muenchen Tower South	
Muenchen Franz-Josef-Strauss	120.505
Muenchen Tower South	
Muenchen Franz-Josef-Strauss	118.705
Muenchen Tower North	
Muenchen Franz-Josef-Strauss	120.505
Muenchen Tower South	
Muenchen Franz-Josef-Strauss	118.705
Muenchen Tower North	
Muenchen Franz-Josef-Strauss	120.505
Muenchen Tower South	
Muenchen Franz-Josef-Strauss	118.705
Muenchen Tower North	
Muenchen Franz-Josef-Strauss	123.905
Muenchen Approach	
Muenchen Franz-Josef-Strauss	123.905
Muenchen Approach	
Muenchen Franz-Josef-Strauss	123.905
Muenchen Approach	
Muenchen Franz-Josef-Strauss	123.905
Muenchen Approach	
Muenchen Franz-Josef-Strauss	123.905
Muenchen Depature	
Muenchen Franz-Josef-Strauss	123.905
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Muenchen Depature	
Muenchen Franz-Josef-Strauss	123.905
Muenchen Depature	

Approach frequencies

ILS-cat-III	08L	109.5	18.00mi
ILS-cat-III	26R	108.7	18.00mi
ILS-cat-III	08R	109.3	18.00mi
ILS-cat-III	26L	108.3	18.00mi
3° GS	08L	109.5	18.00mi
3° GS	26R	108.7	18.00mi
3° GS	08R	109.3	18.00mi
3° GS	26L	108.3	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
DMN	DME	0.8	31.1°	116
DMS	DME	0.8	211.1°	115
MNE	MUNICH NDB	4.3	270.8°	369
MSW	MUNICH NDB	4.6	90.6°	400
MNW	MUNICH NDB	5.2	80.9°	338
MSE	MUNICH NDB	5.4	261.3°	358
OTT	OTTERSBERG VOR/DME	10.4	170°	112.30
MIQ	MIKE NDB	15	318.9°	426
MAH	MAISACH VOR/DME	19.7	259.2°	115.20
IGL	INGOLSTADT TACAN	23.5	329.2°	111.40
IGL	INGOLSTADT NDB	23.7	339.7°	345
OBI	OBERPFAFFENHOFEN NDB	25.8	241.3°	429
WLD	WALDA VOR/DME	29.4	288.9°	112.80
NEU	NEUBURG TACAN	31.4	301.9°	108.90
AUG	DME	34.1	274.8°	115.90
AGB	AUGSBURG NDB	34.2	274.7°	318
LCH	LECHFELD TACAN	38.3	260°	108.80
RDG	RODING VOR/DME	50.6	47.1°	114.70
HFX	HOHENFELS NDB	52	4.8°	286
RTT	RATTENBERG NDB	55.7	170.5°	303

Departure and arrival routes

Transition altitude	5000ft
Transition level	60ft

SID end points	distance	outbound direction
RW08L		
AKIN1Q	27.3	40°
ANKE9Q	15.7	45°
BIBA2Q	38.5	87°
KIRD2Q	42.3	98°
ROTA4Q	32.9	122°
VAVO3Q	29.2	139°
TURB7Q	27.1	160°
TULS2Q	39.1	180°
OBAX2T	21.0	199°
MERS2T, MERS4Q	37.2	243°
ALG2Q	64.6	257°
OLAS2Q	62.7	265°
RIDA7Q	41.6	283°
GIVM6Q	26.7	310°
MIQ9Q	15.0	319°
INPU3Q	21.1	322°
EVIV4Q	19.1	345°

RW08R

AKIN1E	27.3	40°
ANKE9E	15.7	45°
BIBA2E	38.5	87°
KIRD2E	42.3	98°
ROTA4E	32.9	122°
VAVO3E	29.2	139°
TURB6E	27.1	160°
TULS3E	39.1	180°
OBAX2P	21.0	199°
MERS2P, MERS4E	37.2	243°
ALG2E	64.6	257°
OLAS2E	62.7	265°
RIDA7E	41.6	283°
GIVM6E	26.7	310°
MIQ8E	15.0	319°
INPU3E	21.1	322°
EVIV4E	19.1	345°

RW26L

AKIN1S	27.3	40°
ANKE7S	15.7	45°
BIBA3W, BIBA3S	38.5	87°
KIRD3W, KIRD3S	42.3	98°
ROTA3W, ROTA3S	32.9	122°
VAVO3W, VAVO3S	29.2	139°
TURB7S, TURB7W	27.1	160°
TULS7S, TULS4W	39.1	180°
OBAX6S	21.0	199°
MERS5S	37.2	243°
ALG2S	64.6	257°
OLAS2S	62.7	265°
RIDA6S	41.6	283°
GIVM6S	26.7	310°
MIQ8S	15.0	319°
INPU2S	21.1	322°
EVIV4S	19.1	345°

RW26R

AKIN1N	27.3	40°
ANKE9N	15.7	45°
BIBA4N	38.5	87°
KIRD4N	42.3	98°
ROTA4N	32.9	122°
VAVO4N	29.2	139°
TURB7N	27.1	160°
TULS4N	39.1	180°
OBAX6N	21.0	199°
MERS6N	37.2	243°
ALG2N	64.6	257°

OLAS2N	62.7	265°
RIDA6N	41.6	283°
GIVM1N	26.7	310°
MIQ9N	15.0	319°
INPU2N	21.1	322°
EVIV5N	19.1	345°

STAR starting points

RW08 (ALL)

	distance	inbound direction
BETO1A	24.4	57°
ROKI1A	25.3	105°
LULA2C	71.9	224°
VESU2C	79.8	229°
NIRG2C	79.2	234°
LAND2A	24.2	244°
BAGS1C	101.7	277°
VATE1C	101.0	289°
NAPS4A	25.6	291°
RAST1C	82.3	298°

RW26 (ALL)

BETO1B	24.4	57°
ROKI1B	25.3	105°
LEVB1D	65.7	116°
ELMO1D	99.1	118°
LAND2B	24.2	244°
NAPS1B	25.6	291°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BETO1A	BETOS	VHF	right	247 (67)°	> 5000ft	1.0min timed	ICAO rules
BETO1A	OTT	NDB	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
BETO1B	BETOS	VHF	right	247 (67)°	> 5000ft	1.0min timed	ICAO rules
BETO1B	OTT	NDB	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
LAND2A	LANDU	VHF	left	33 (213)°	> 5000ft	1.0min timed	ICAO rules
LAND2A	MIQ	FIX	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
LAND2B	LANDU	VHF	left	33 (213)°	> 5000ft	1.0min timed	ICAO rules
LAND2B	MIQ	FIX	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
NAPS1B	NAPSA	VHF	left	93 (273)°	> 5000ft	1.0min timed	ICAO rules
NAPS1B	OTT	NDB	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
NAPS4A	NAPSA	VHF	left	93 (273)°	> 5000ft	1.0min timed	ICAO rules
NAPS4A	OTT	NDB	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
ROKI1A	MIQ	FIX	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
ROKI1A	ROKIL	VHF	right	306 (126)°	> 5000ft	1.0min timed	ICAO rules
ROKI1B	MIQ	FIX	right	260 (80)°	> 5000ft	1.0min timed	ICAO rules
ROKI1B	ROKIL	VHF	right	306 (126)°	> 5000ft	1.0min timed	ICAO rules

*) magnetic outbound (inbound) holding course

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