

# ETSI - Manching - Ingolstadt-manching

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## Airport details

State	Bavaria
Country	Germany
Region	ED
Elevation	1203ft (367m)
Timezone	GMT +1
Coordinates	48.71563, 11.53370
Type	land
ICAO code	ETSI
IATA code	IGS
FAA code	n/a

## Runway info

Runway 07L / 25R	
length	2891m (9485ft)
bearing	75° / 255°
width	30m (98ft)
surface	concrete
displacement threshold	460m (1509ft) / 0m (0ft)
blast zone	0m (0ft) / 255m (837ft)
Runway 07R / 25L	
length	2933m (9623ft)
bearing	75° / 255°
width	60m (197ft)
surface	concrete
blast zone	255m (837ft) / 255m (837ft)
Runway 06R / 24L	
length	848m (2782ft)
bearing	75° / 255°
width	40m (131ft)
surface	grass
Runway 06L / 24R	
length	400m (1312ft)
bearing	75° / 255°
width	30m (98ft)
surface	grass
Runway 06 / 24	
length	1700m (5577ft)
bearing	75° / 255°
width	30m (98ft)
surface	hard surface

## Communication

Ingolstadt-Manching IMA Dispatch	131.700
Ingolstadt-Manching IMA Dispatch	131.700
Ingolstadt-Manching IMA Dispatch	131.700
Ingolstadt-Manching IMA Dispatch	131.700
Ingolstadt-Manching Ingo Tower	125.250
Ingolstadt-Manching Ingo Tower	125.250
Ingolstadt-Manching Ingo Tower	125.250
Ingolstadt-Manching Ingo Tower	125.250
Ingolstadt-Manching Ingo Radar	120.600
Ingolstadt-Manching Ingo Radar	120.600
Ingolstadt-Manching Ingo Radar	120.600
Ingolstadt-Manching Ingo Radar	120.600
Ingolstadt-Manching Ingo Radar	125.575
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## Approach frequencies

ILS-cat-I	25L	108.1	18.00mi
3° GS	25L	108.1	18.00mi

## Nearby beacons

<b>code</b>	<b>identifier</b>	<b>dist</b>	<b>bearing</b>	<b>frequency</b>
IGL	INGOLSTADT TACAN	1.4	86.1°	111.40
IGL	INGOLSTADT NDB	4.5	78.7°	345
MIQ	MIKE NDB	9	156.3°	426
NEU	NEUBURG TACAN	12.7	269.4°	108.90
WLD	WALDA VOR/DME	18	251.3°	112.80
MNE	MUNICH NDB	22.3	158.4°	369
DMN	DME	23.3	143.2°	116
MSE	MUNICH NDB	23.4	162.6°	358
DMS	DME	24.5	146.8°	115
MNW	MUNICH NDB	25.4	131.9°	338
MSW	MUNICH NDB	26.3	134.4°	400
MAH	MAISACH VOR/DME	28.5	206.1°	115.20
AUG	DME	29.4	244°	115.90
AGB	AUGSBURG NDB	29.5	244.1°	318
HFX	HOHENFELS NDB	32.8	32.9°	286
OTT	OTTERSBERG VOR/DME	34	152.1°	112.30
OBI	OBERPFAFFENHOFEN NDB	39.3	201.3°	429
LCH	LECHFELD TACAN	41.4	232.1°	108.80
RDG	RODING VOR/DME	43.7	71.8°	114.70
RTB	ROETHENBACH NDB	47.3	339.8°	415
ANS	ANSBACH NDB	50.3	303.3°	452

NGD	DME	50.4	329.9°	113.10
NUB	NUERNBERG VOR/DME	51.1	327.6°	115.75
ERL	ERLANGEN VOR/DME	58.4	337.8°	114.90
GRF	GRAFENWOHR TACAN	60.7	22.5°	111.80
GRW	GRAFENWOHR NDB	60.9	22.6°	405

## Disclaimer

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## To be used with X-Plane simulation only