

PANS-OPS INSTRUMENT APPROACH CHART

AD ELEV 1203

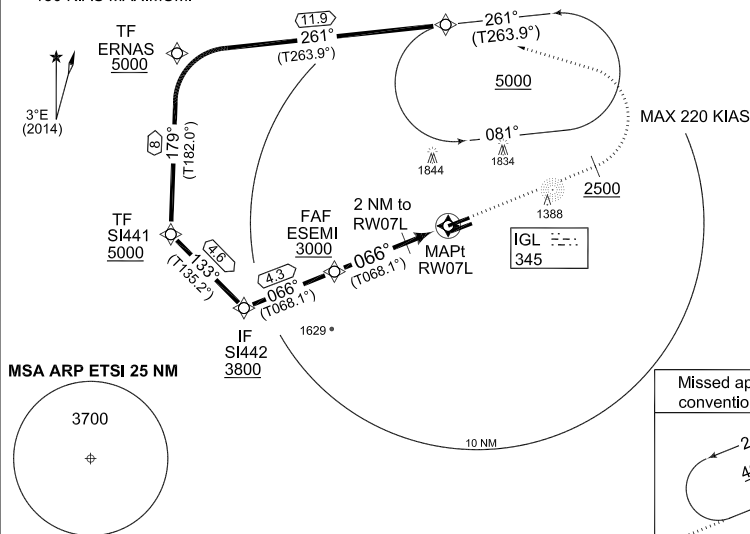
RNAV (GNSS) RWY 07L INGOLSTADT/MANCHING (ETSI)

MUNCHEN RADAR 242.200		INGO RADAR 278.100 120.600 125.575			INGO TWR 373.200 125.250		
NDB IGL 345	APP COURSE 066°	FAF ALT 3000	GS 3.1°	MDA see CAT	TDZE 1196	ALS-Length 900 M	LDA 8001

NOTE:

- GPS QUALIFICATION REQUIRED.
 - MISSED APCH TURN LIMITED TO KIAS 220.
 - NO TURN BEFORE MAPt.
 - CIRCLING NOT AUTHORIZED N OF RWY 07L/25R.
- CAT B: CIRCLING SPEED LIMITED TO 130 KIAS MAXIMUM.

**IAF/MAHF
INGAP**



EMERG SAFE ALT 100 NM 13500

Distance THR	5	4	3	2	1
Altitude	2930	2590	2250	1910	1570

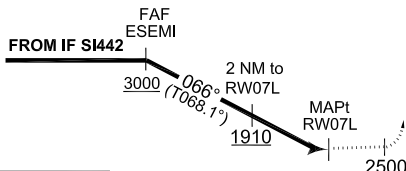
TA 5000

MISSED APPROACH

Climb on track 066°. When passing 2500 ft turn left direct INGAP. Climb to 5000 ft and enter holding.
[M066,A2500+;L] - **INGAP** [A5000+]

CONVENTIONAL MISSED APPROACH

Climb inbound IGL NDB. Climb within published holding to 4000 ft.



CAT I	■	5.2	TDZE 1196	TCH 50
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CATEGORY	A	B	C	D	E
GNSS 07L	1580 - 0.8 384 (400-0.8/1.6)		1590 - 1.2 394 (400-1.2/1.6)	1610 - 1.2 414 (500-1.2/2.0)	
CIRCLING	1700 - 1.6 497 (500-1.6)	1700 - 1.6 497 (500-1.6)	2480 - 4.8 1427 (1300-4.8)	2630 - 4.8 1427 (1500-4.8)	2630 - 4.8 1427 (1500-4.8)

RNAV (GNSS) RWY 07L

48°42.94'N
011°32.02'E

INGOLSTADT/MANCHING (ETSI)

RWY 07L from INGAP APPROACH RNAV (GNSS)

INGAP (IAWP)	48 51 58.000 N	011 31 06.000 E
ERNAS (TWP)	48 50 41.000 N	011 13 10.000 E
SI441 (TWP)	48 42 43.000 N	011 12 45.000 E
SI442 (IWP)	48 39 27.901 N	011 17 37.013 E
ESEMI (FAWP)	48 41 04.093 N	011 23 38.150 E
RW07L (MAWP)	48 42 59.998 N	011 30 55.384 E
INGAP (MAHWP)	48 51 58.000 N	011 31 06.000 E

Threshold Coordinates

RWY 07L	48 42 59.998 N	011 30 55.384 E
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