

PANS-OPS INSTRUMENT APPROACH CHART

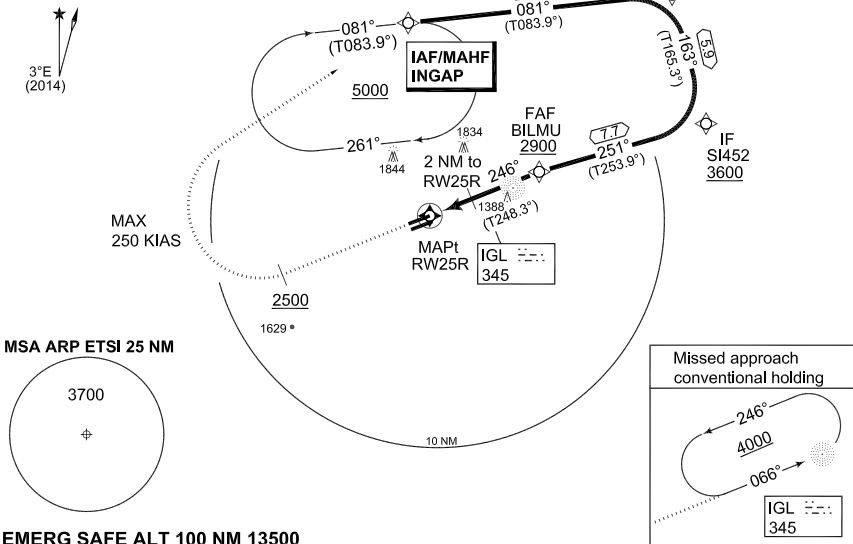
AD ELEV 1203

**RNAV (GNSS) RWY 25R
INGOLSTADT/MANCHING (ETSI)**

MUENCHEN RADAR 242.200		INGO RADAR 278.100 120.600 125.575			INGO TWR 373.200 125.250		
NDB IGL 345	APP COURSE 246°	FAF ALT 2900	GS 3.1°	MDA see CAT	TDZE 1192	ALS-Length 900 M	LDA 8001

NOTE:

- GPS QUALIFICATION REQUIRED.
- MISSED APCH TURN LIMITED TO KIAS 250.
- NO TURN BEFORE MAPt.
- MISSED APCH:
- CIRCLING: CLIMB WITH MINIMUM 3% (183FT/NM) FOR ATC REASON.
CIRCLING NOT AUTHORIZED N OF RWY 07L/25R.
CAT B: CIRCLING SPEED LIMITED TO 130 KIAS MAXIMUM.



EMERG SAFE ALT 100 NM 13500

MISSED APPROACH

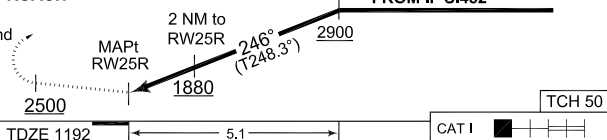
Climb on track 246°, when passing 2500 ft turn right direct INGAP. Climb to 5000 ft and enter holding.
[M246, A2500+; R] - INGAP [A5000+]

CONVENTIONAL MISSED APPROACH

Climb on track 246°, when passing 2500 ft turn right inbound IGL NDB and enter published holding at 4000 ft.

TA 5000

1	2	3	4	5	Distance THR
1550	1880	2210	2540	2870	Altitude



CATEGORY	A	B	C	D	E
GNSS 25R	1590 - 1.6 398 (400-1.6)			1610 - 2.0 418 (400-2.0)	1650 - 2.4 458 (500-2.4)
CIRCLING	1700 - 1.6 497 (500-1.6)	1700 - 1.6 497 (500-1.6)	2480 - 4.8 1277 (1300-4.8)	2630 - 4.8 1427 (1500-4.8)	2630 - 4.8 1427 (1500-4.8)

RNAV (GNSS) RWY 25R

48°42.94'N
011°32.02'E

INGOLSTADT/MANCHING (ETSI)

RWY 25R from INGAP APPROACH RNAV (GNSS)

INGAP (IAF)	48 51 58.000 N	011 31 06.000 E
SI451 (TF)	48 53 11.000 N	011 48 47.000 E
SI452 (IF)	48 47 30.243 N	011 51 02.812 E
BILMU (FAF)	48 45 22.416 N	011 39 55.808 E
RW25R (MAPt)	48 43 29.275 N	011 32 46.195 E
INGAP (MAHF)	48 51 58.000 N	011 31 06.000 E

Threshold Coordinates

RWY 25R	48 43 29.275 N	011 32 46.195 E
---------	----------------	-----------------