

# PANS-OPS

## INSTRUMENT APPROACH CHART

AD ELEV 1203

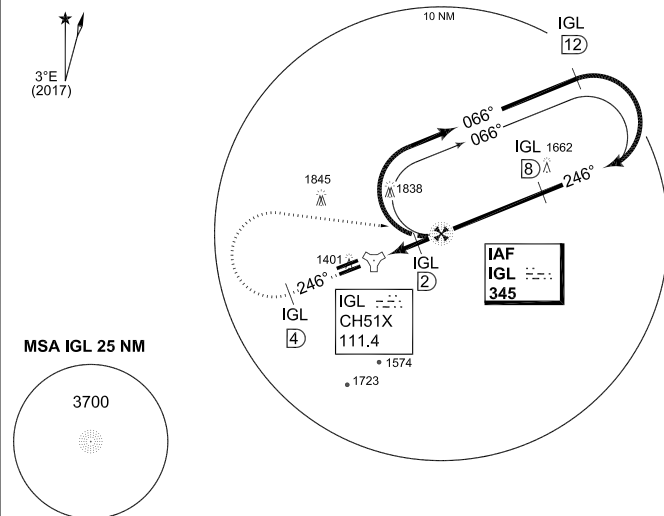
NDB Y RWY 25L  
INGOLSTADT/MANCHING (ETSI)

|                                      |                                       |                             |                     |
|--------------------------------------|---------------------------------------|-----------------------------|---------------------|
| MUENCHEN RADAR<br>242.200            | INGO RADAR<br>278.100 120.600 125.575 | INGO TWR<br>373.200 125.250 |                     |
| TACAN / NDB<br>IGL CH51X / IGL 345.0 | APP COURSE<br>246°                    | FAF ALT<br>2400             | Descent GR<br>5.2%  |
|                                      |                                       | MDA<br>1570                 | TDZE<br>1197        |
|                                      |                                       |                             | ALS-Length<br>900 M |
|                                      |                                       |                             | LDA<br>9646         |

### NOTE:

- MISSED APCH TURN LIMITED TO 210 KIAS MAXIMUM.
- CIRCLING NOT AUTHORIZED NORTH OF RWY 07L/25R.  
CIRCLING CAT B SPEED LIMITED TO 130 KIAS.
- RACETRACK SPEED LIMITED TO 210 KIAS MAXIMUM.
- DME REQUIRED

IAF  
48°44.26'N  
011°38.67'E

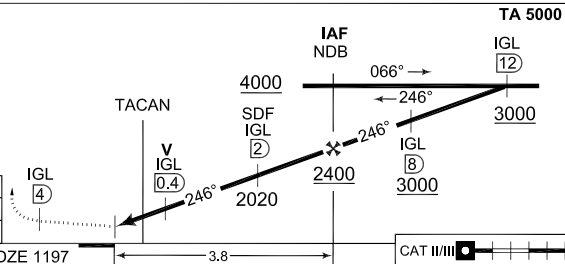


EMERG SAFE ALT 100 NM 13500

### MISSED APPROACH

Climb on IGL NDB track 246° to altitude 4000 ft. When passing IGL TACAN 4 DME turn right inbound IGL NDB.

| FAF - MAPt 3.8 NM |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| Knots             | 60   | 90   | 120  | 150  | 180  |
| Min:Sec           | 3:48 | 2:32 | 1:54 | 1:31 | 1:16 |



| CATEGORY  | A                            | B                        | C                            | D                             | E |
|-----------|------------------------------|--------------------------|------------------------------|-------------------------------|---|
| S-NDB 25L | 1570 - 0.8/373 (400-0.8/1.6) |                          | 1570 - 1.2/373 (400-1.2/1.6) | 1570 - 1.2/3753 (400-1.2/2.0) |   |
| 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)    |   |

NDB Y RWY 25L

48°42.94'N  
011°32.02'E

INGOLSTADT/MANCHING (ETSI)