

14-DEC-2017

IGS-ETSI

1-10

AOI

**GENERAL****Operational Hours****ATS Hours:** HO**AD Operator Hours:** MON-THU 0800-1600‡, FRI 0800-1300‡; PPR: MON-THU 0600-0800‡, 1600-2100‡, FRI 0600-0800‡, 1300-1900‡, SAT, SUN, HOL SR-30min / 0600-SS+30min / 1900‡**Airport Information**

**RFF:** CAT 9; CAT 6 outside MIL OPS Hours (MON-THU 0800-1600‡, FRI 0800-1300‡, HOL CLSD), higher O/R.

**LCN:** RWY 07R/25L, RWY 07L/25R: 92

**Customs:** For PAX with goods in duty-free quantity. Flights to/from non-EU or non-Schengen countries O/R 24HR PPR prior DEP/LDG.

**Operation****TWY Restriction**

TWY C width 18.5m / 61ft.

TWY N, E width 12.5m / 41ft.

TWY E special briefing required.

**Taxi/Parking**

Follow-me strictly advised.

**Warnings**

PROP ACFT and glider flying SAT, SUN, and HOL from SR-SS up to 3000ft MSL, radius 5NM of AD.

Cargo dropping area 1.6NM south of AD up to 3000ft MSL

Yellow taxiing guide lines for MIL ACFT only.

**ARRIVAL****Communication****COM Failure:** See CRAR.

**DEPARTURE****Take-off Minima**

RWY		07L/25R, 07R/25L	
All ACFT	ft - m/km	0 - 400V	HJ only
		0 - 800V	HN

**Communication****COM Failure:** See CRAR.**De-Icing**

Not AVBL.

02-NOV-2017

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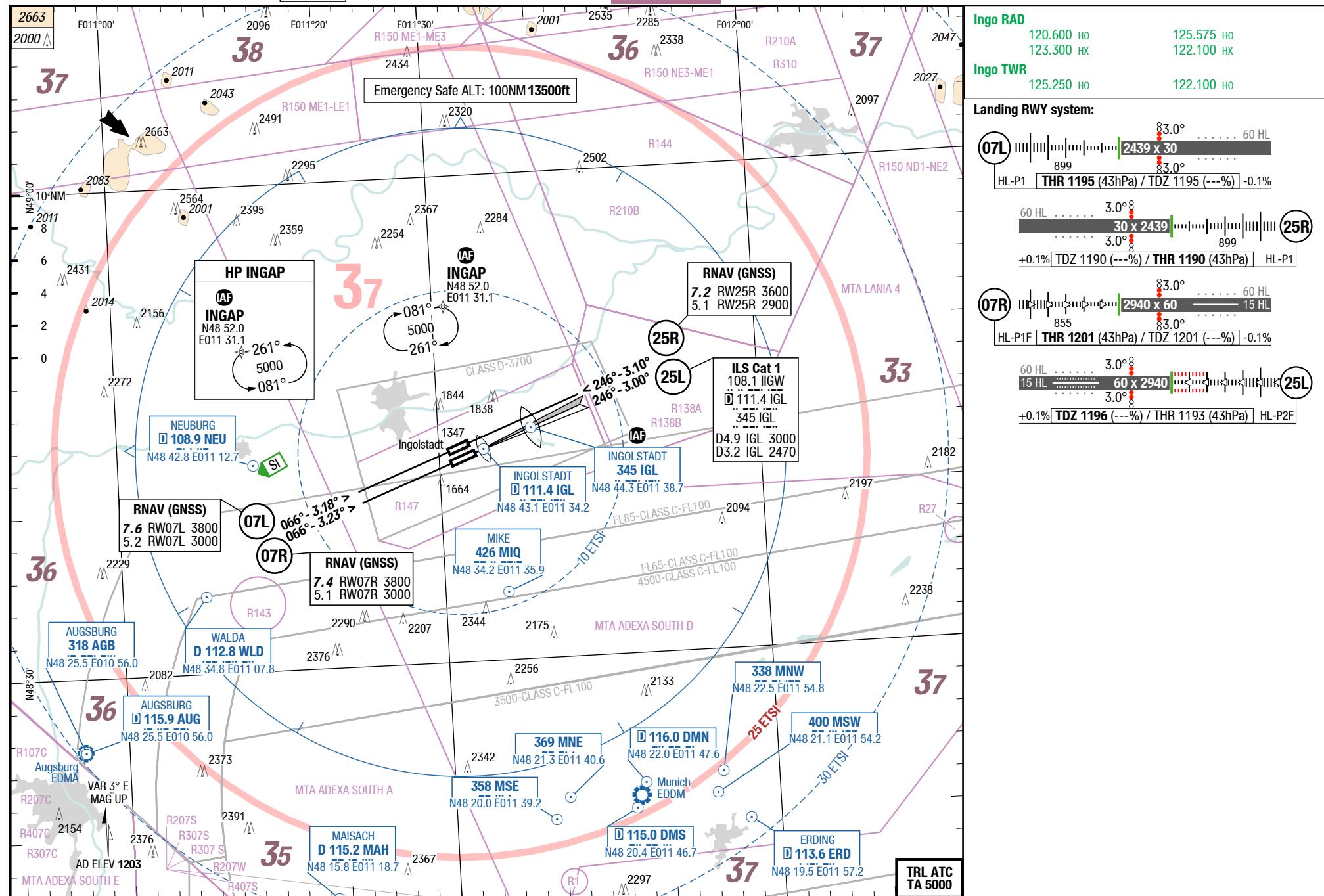
## Germany Ingolstadt Manching

AGC  
AFC

## Manching Ingolstadt Germany

AGC  
AFC

2-10



02-NOV-2017

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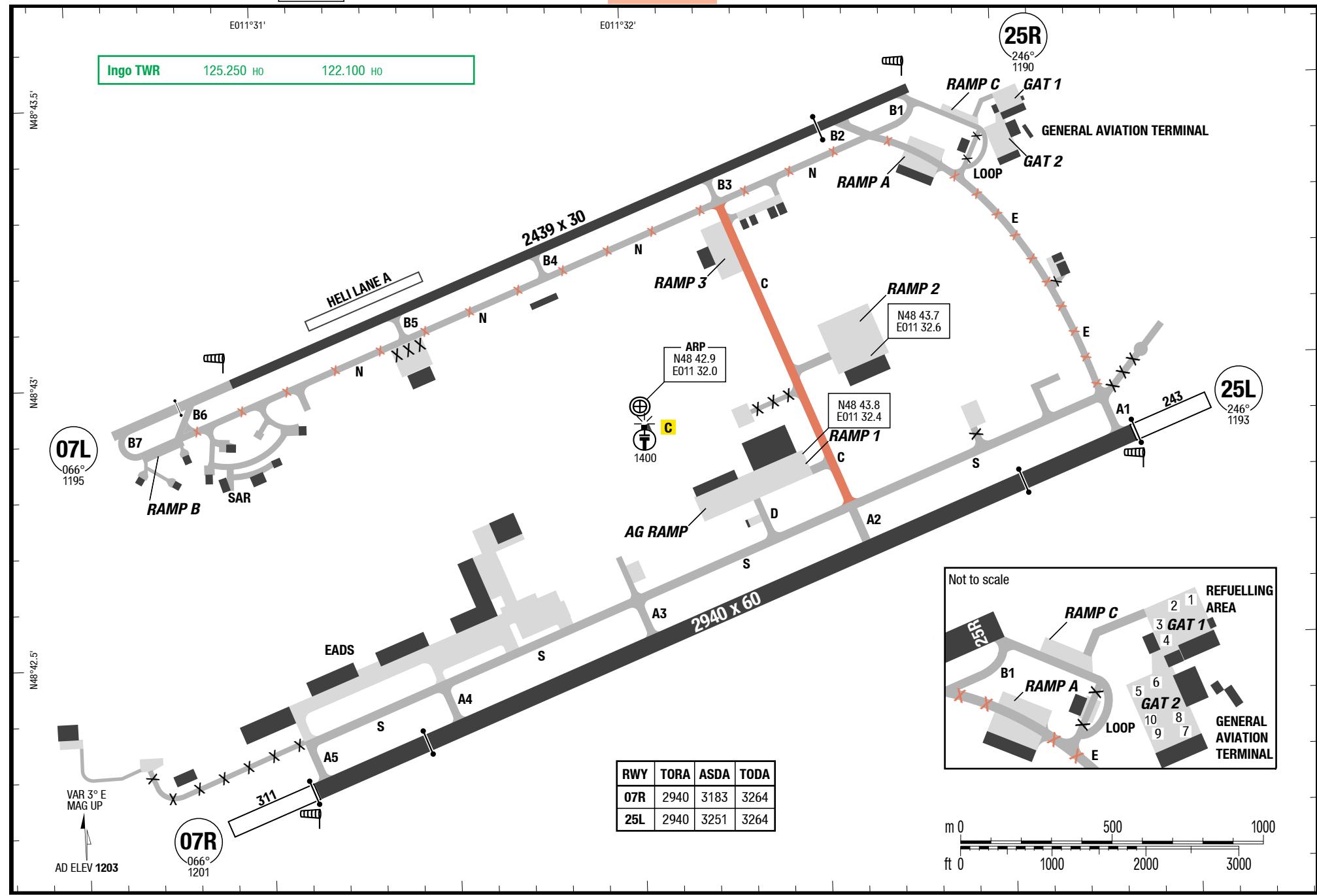
3-20

AGC

AGC

Manching Ingolstadt Germany

AGC



Changes: Nil

23-MAR-2017

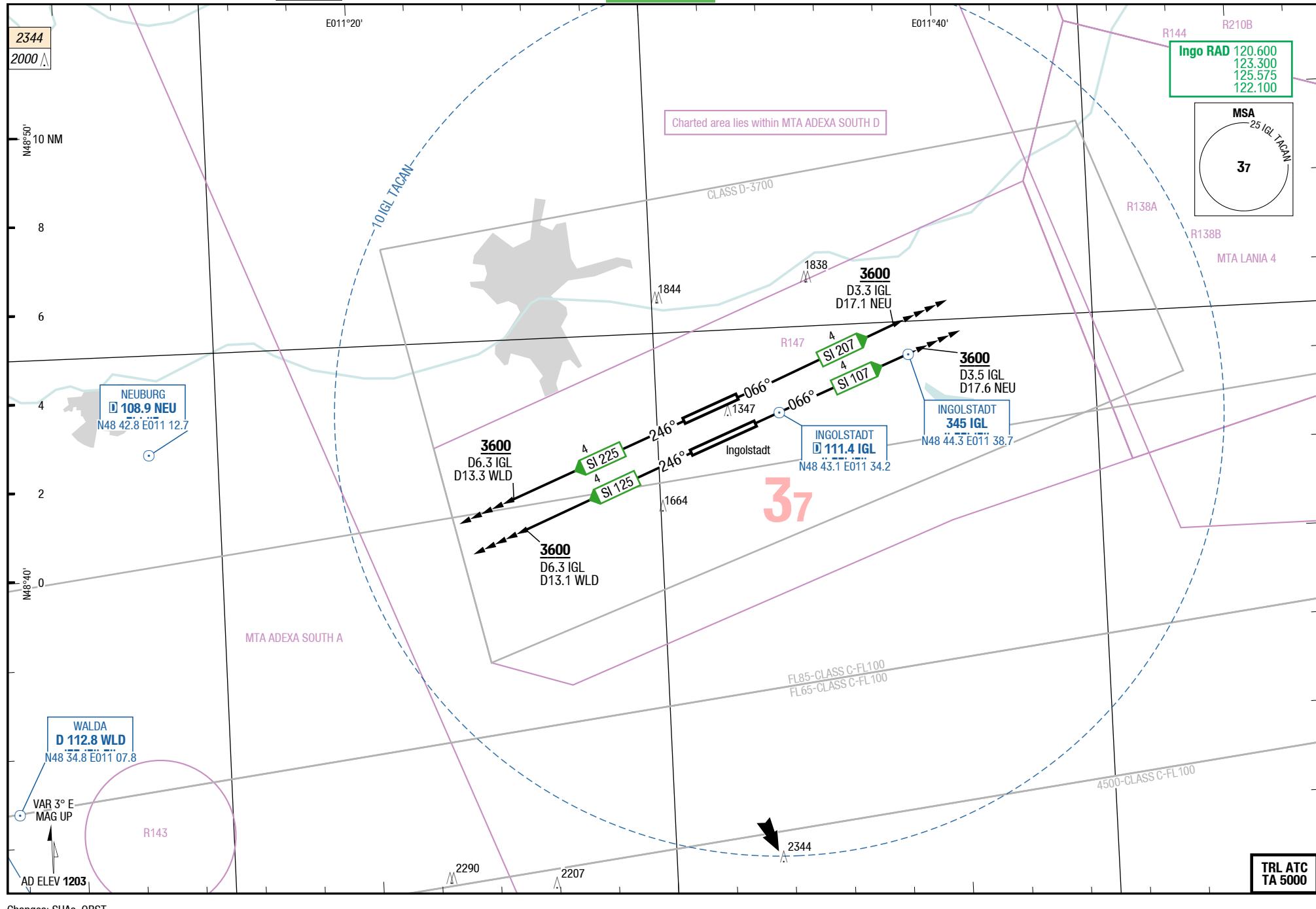
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SID  
SID

## Manching Ingolstadt Germany

NIL  
SIDs

**SI 207 / SI 107 / SI 125 / SI 225**

RWYs 07L/R (066°) / 25L/R (246°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 07L</b>	
<b>SI 207 120.600 ③</b>	066° to D3.3 <b>IGL</b> / D17.1 <b>NEU</b> - continue as cleared by ATC	<b>D3.3 IGL / D17.1 NEU MNM 3600</b>
	<b>Runway 07R</b>	
<b>SI 107 120.600 ①</b>	066° to D3.5 <b>IGL</b> / D17.6 <b>NEU</b> - continue as cleared by ATC	<b>D3.5 IGL / D17.6 NEU MNM 3600</b>
	<b>Runway 25L</b>	
<b>SI 125 120.600 ①</b>	246° to D6.3 <b>IGL</b> / D13.1 <b>WLD</b> - continue as cleared by ATC	<b>D6.3 IGL / D13.1 WLD MNM 3600</b>
	<b>Runway 25R</b>	
<b>SI 225 120.600 ②</b>	246° to D6.3 <b>IGL</b> / D13.3 <b>WLD</b> - continue as cleared by ATC	<b>D6.3 IGL / D13.3 WLD MNM 3600</b>

- ① Check for close-in obstacle (building 327m 221° beyond DER, 1243ft MSL)  
② Check for close-in obstacle (building 843m 271° beyond DER, 1273ft MSL)  
③ Check for close-in obstacle (building 295m 103° beyond DER, 1230ft MSL and several trees left side of track,  
MAX 1247ft MSL)

02-NOV-2017

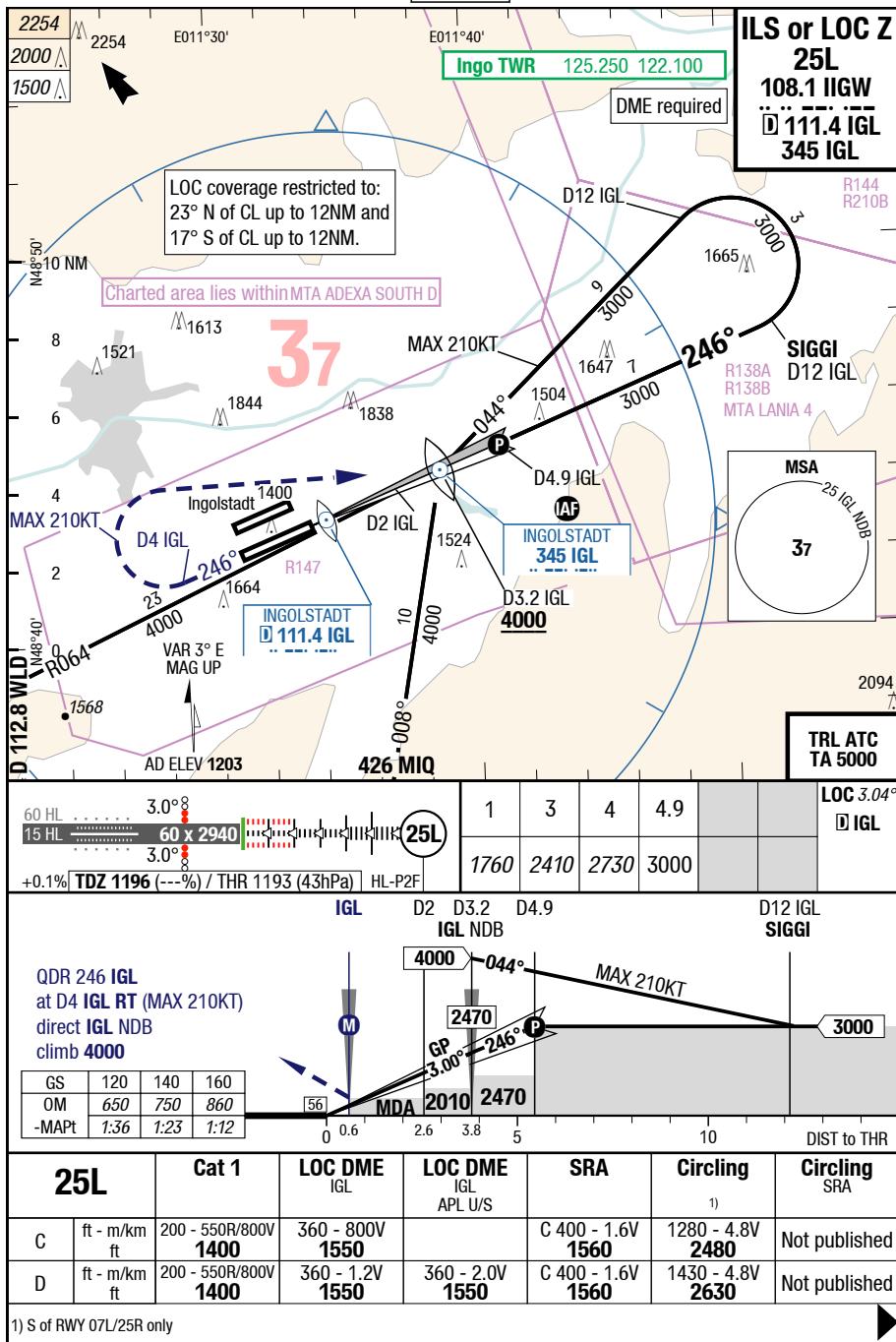
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IAC

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7-10

ILS or LOC Z 25L



Changes: MIN, APL

02-NOV-2017

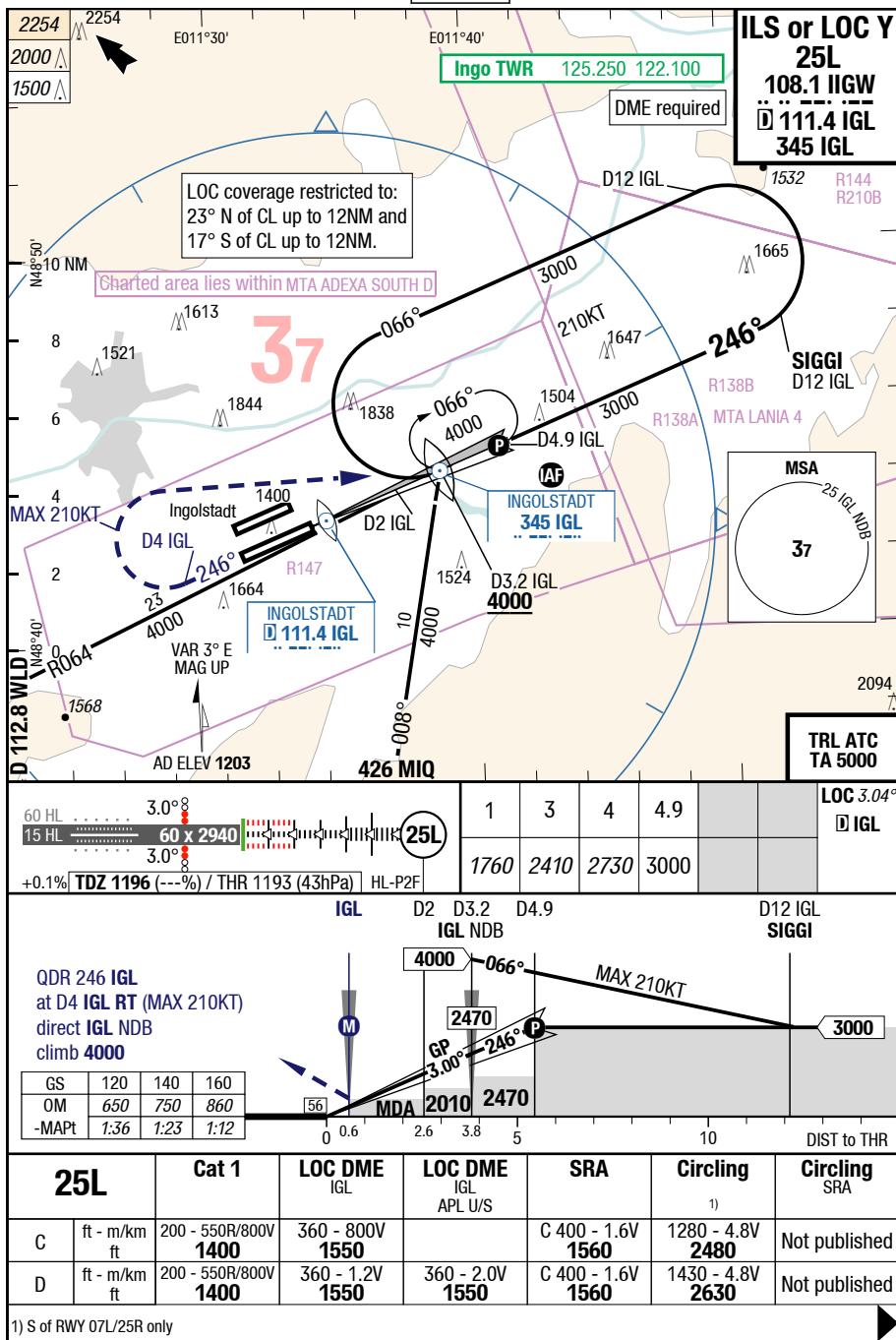
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IAC

IGS-ETSI

7-20

ILS or LOC Y 25L



Changes: MIN, APL

02-NOV-2017

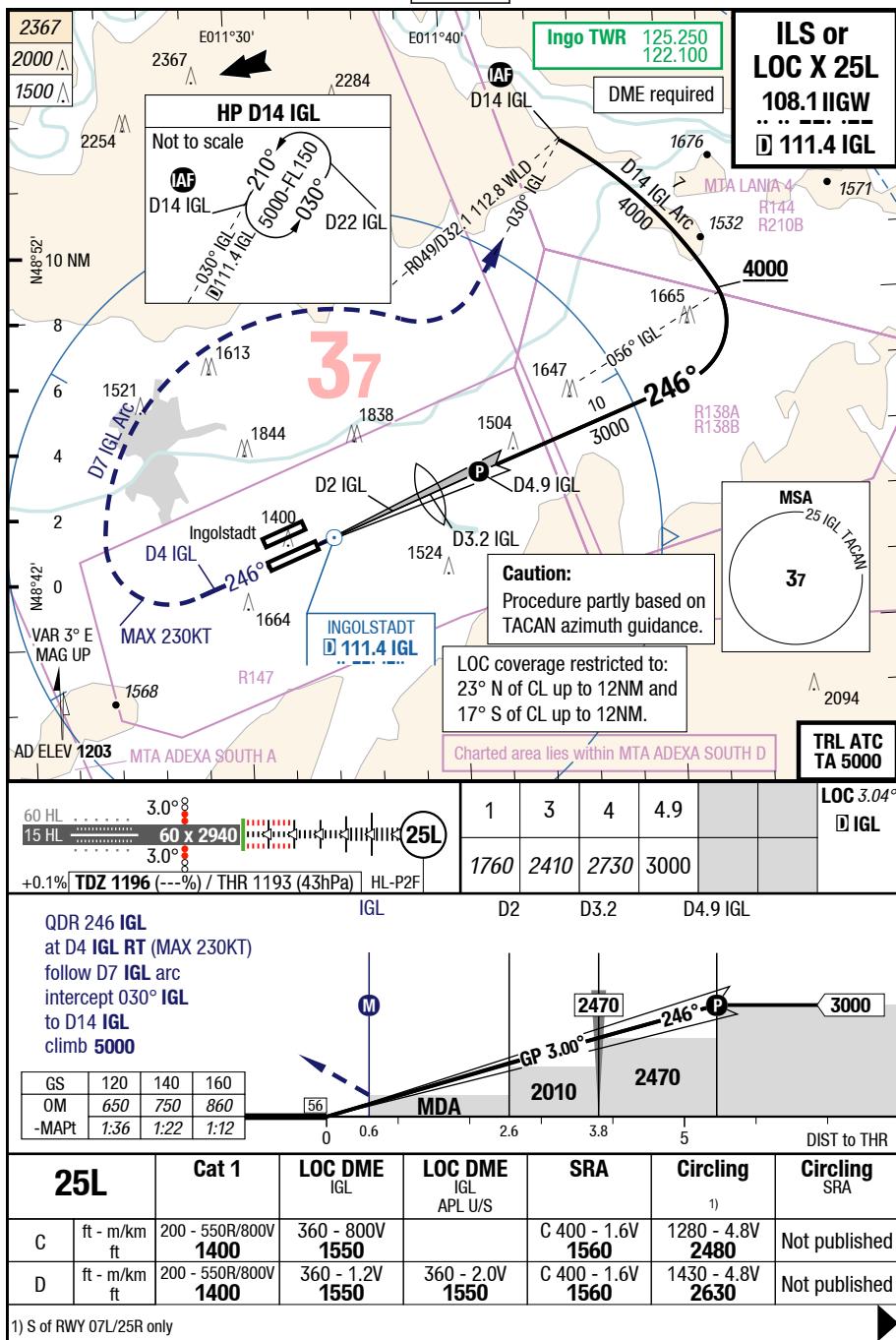
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IAC

IGS-ETSI

7-30

ILS or LOC X 25L



Changes: MIN, APL

02-NOV-2017

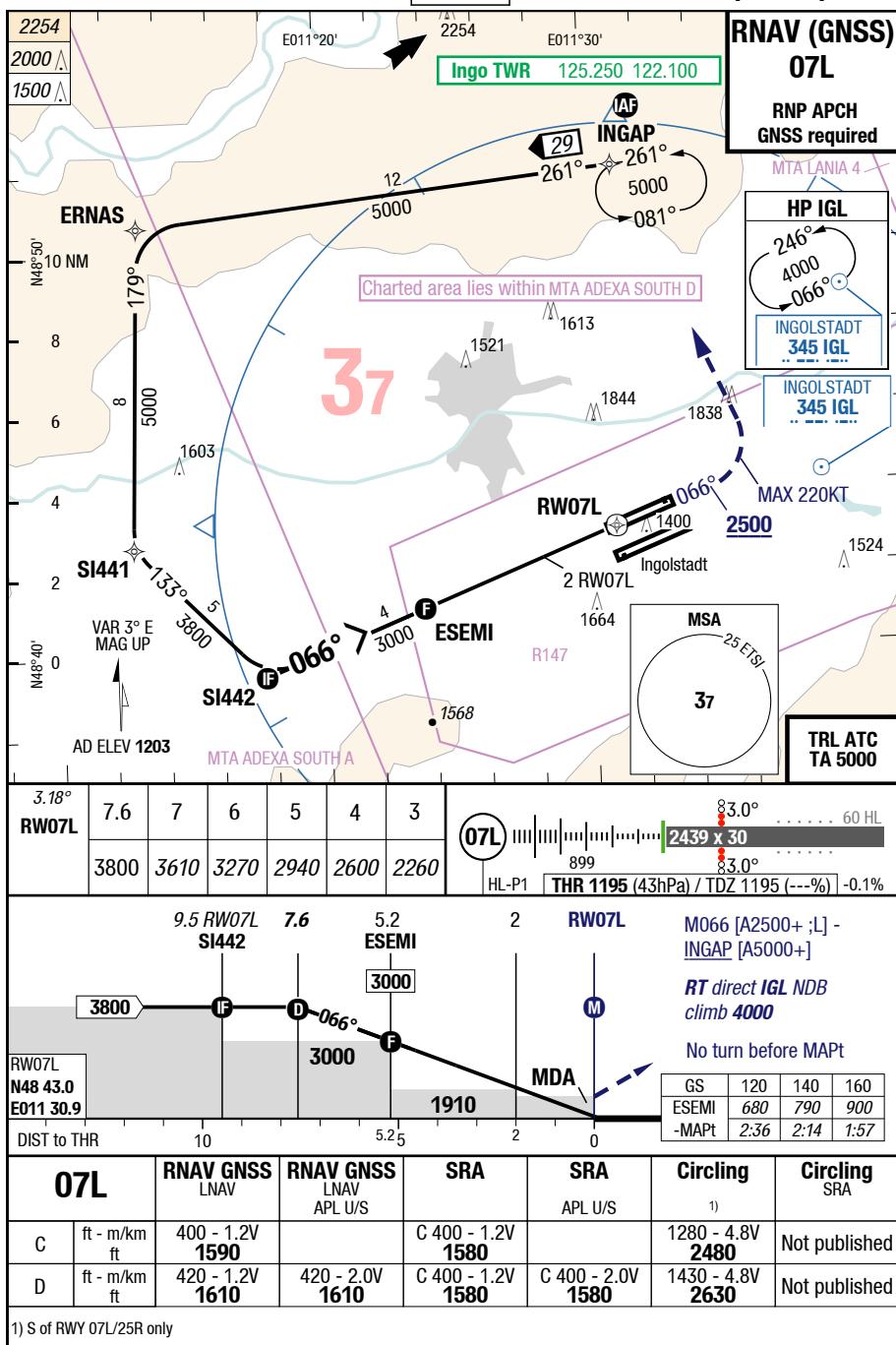
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IAC

## IGS-ETSI

7-50

## RNAV (GNSS) 07L



Changes: MIN

7-60

## **RNAV (GNSS) 07R**

## BNAV (GNSS)

07B

RNP APCH  
NSS required

**RNAV (GNSS) 07R**

RNP APCH GNSS required

MTA Lania 4

HP IGL

INGOLSTADT 345 IGL

INGOLSTADT 345 IGL

MAX 220KT

MSA 25 ETSI

TRL ATC TA 5000

3.23° RW07R 7.4 6 5 4 3 2 07R 83.0° 2940 x 60 60 HL 15 HL

3800 3320 2970 2630 2280 1940 855 83.0° HL-P1F THR 1201 (43hPa) / TDZ 1201 (---%) -0.1%

9.4 RW07R SI442 7.4 5.1 NOSDO 1.5 RW07R M066 [A2500+ ;L] - INGAP [A5000+] direct IGL NDB climb 4000 No turn before MAPt

3800 3000 1700 MDA GS 120 140 160

NOSDO 690 800 910 -MAPt 2.33 2.11 1.55

DIST to THR 10 5.15 1.5 0

**07R** RNAV GNSS LNAV RNAV GNSS LNAV APL U/S SRA SRA Circling Circling 1) Circling SRA

C	ft - m/km ft	360 - 1.2V <b>1560</b>		C 500 - 1.2V <b>1620</b>	C 500 - 2.0V <b>1620</b>	1280 - 4.8V <b>2480</b>	Not published
D	ft - m/km ft	380 - 1.2V <b>1580</b>	380 - 2.0V <b>1580</b>	C 500 - 1.2V <b>1620</b>	C 500 - 2.0V <b>1620</b>	1430 - 4.8V <b>2630</b>	Not published

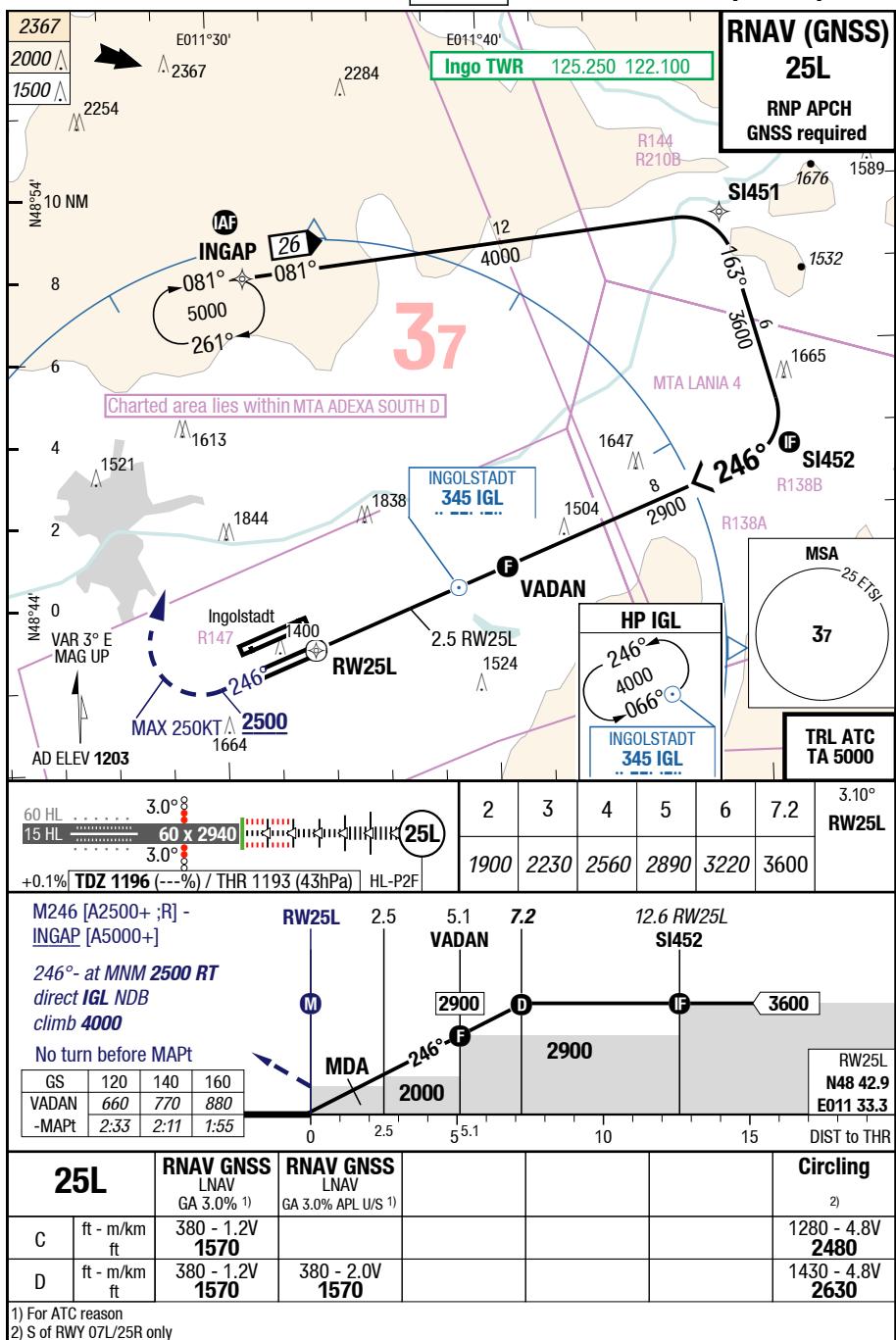
1) S of RWY 07L/25R only

1) S of RWY 07L/25R only

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7-70

RNAV (GNSS) 25L



Changes: MIN, APL

02-NOV-2017

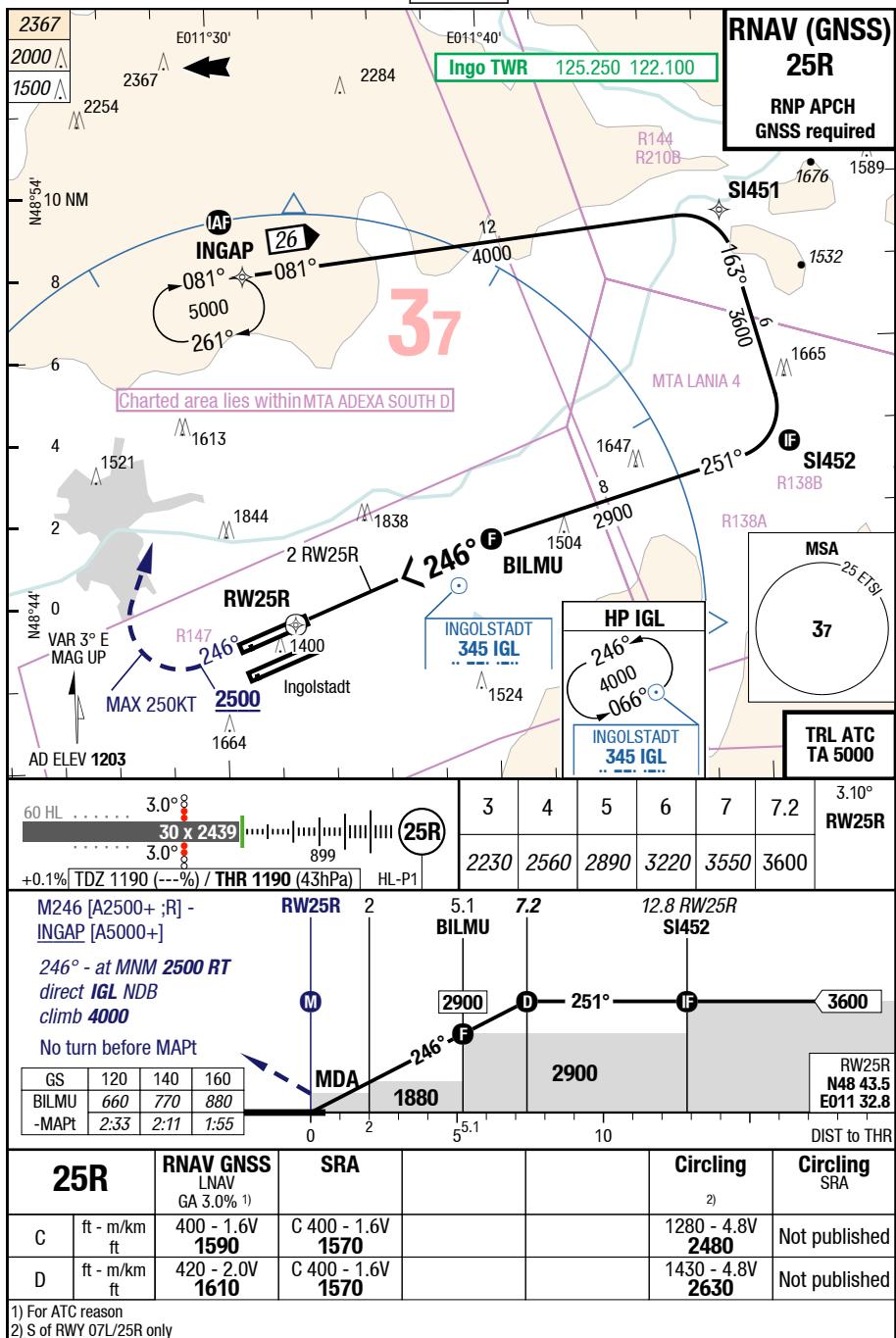
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IAC

IGS-ETSI

7-80

RNAV (GNSS) 25R



Changes: MIN, APL

02-NOV-2017

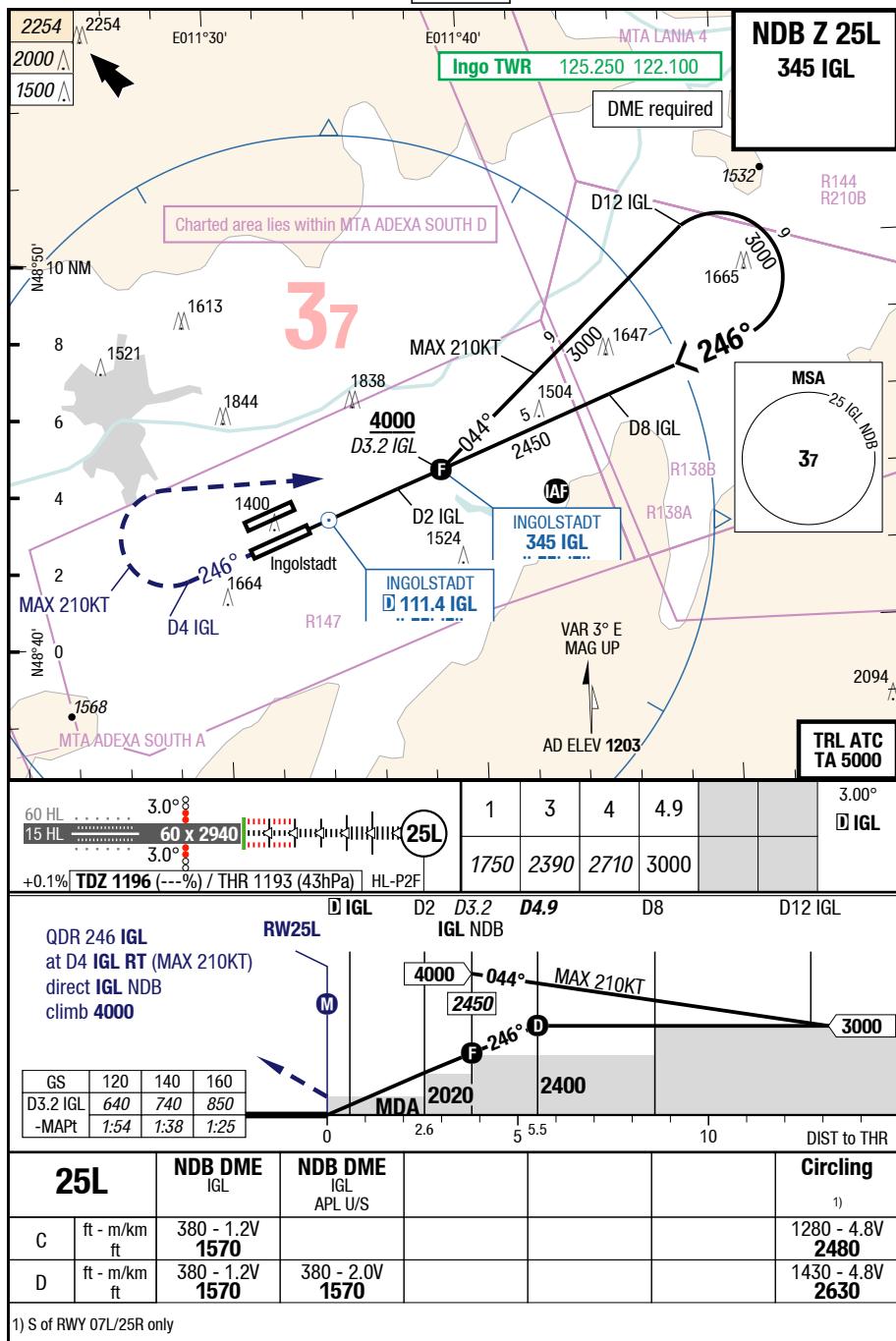
IGS-ETSI

7-90

IAC

NDB Z 25L

345 IGL

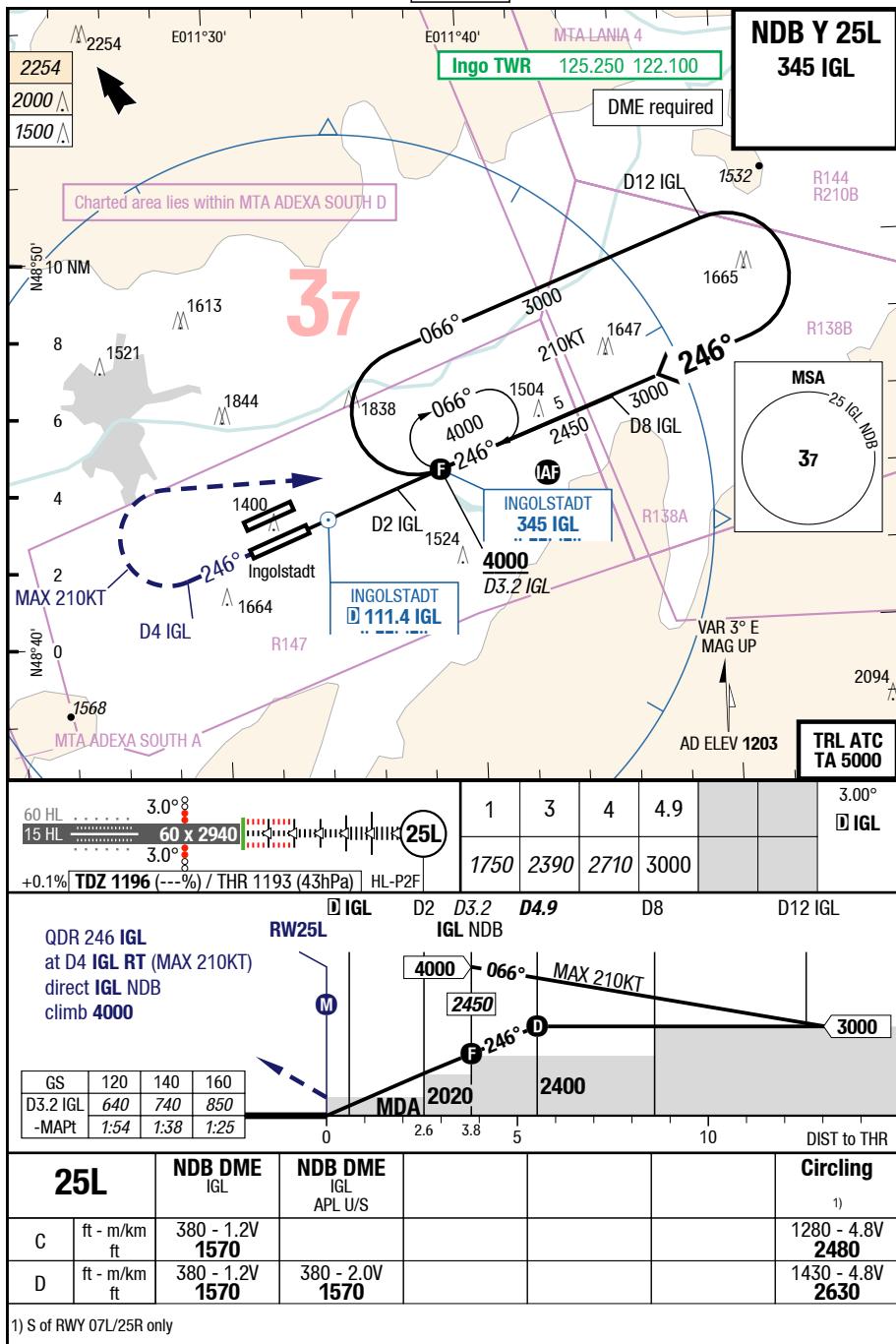


Changes: MIN, APL

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7-100

NDB Y 25L



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**IGS-ETSI****7-110****WxMinima Overflow**

<b>25L</b>		<b>SRA</b> APL U/S					
C	ft - m/km ft						
D	ft - m/km ft	C 400 - 2.0V <b>1560</b>					

23-MAR-2017

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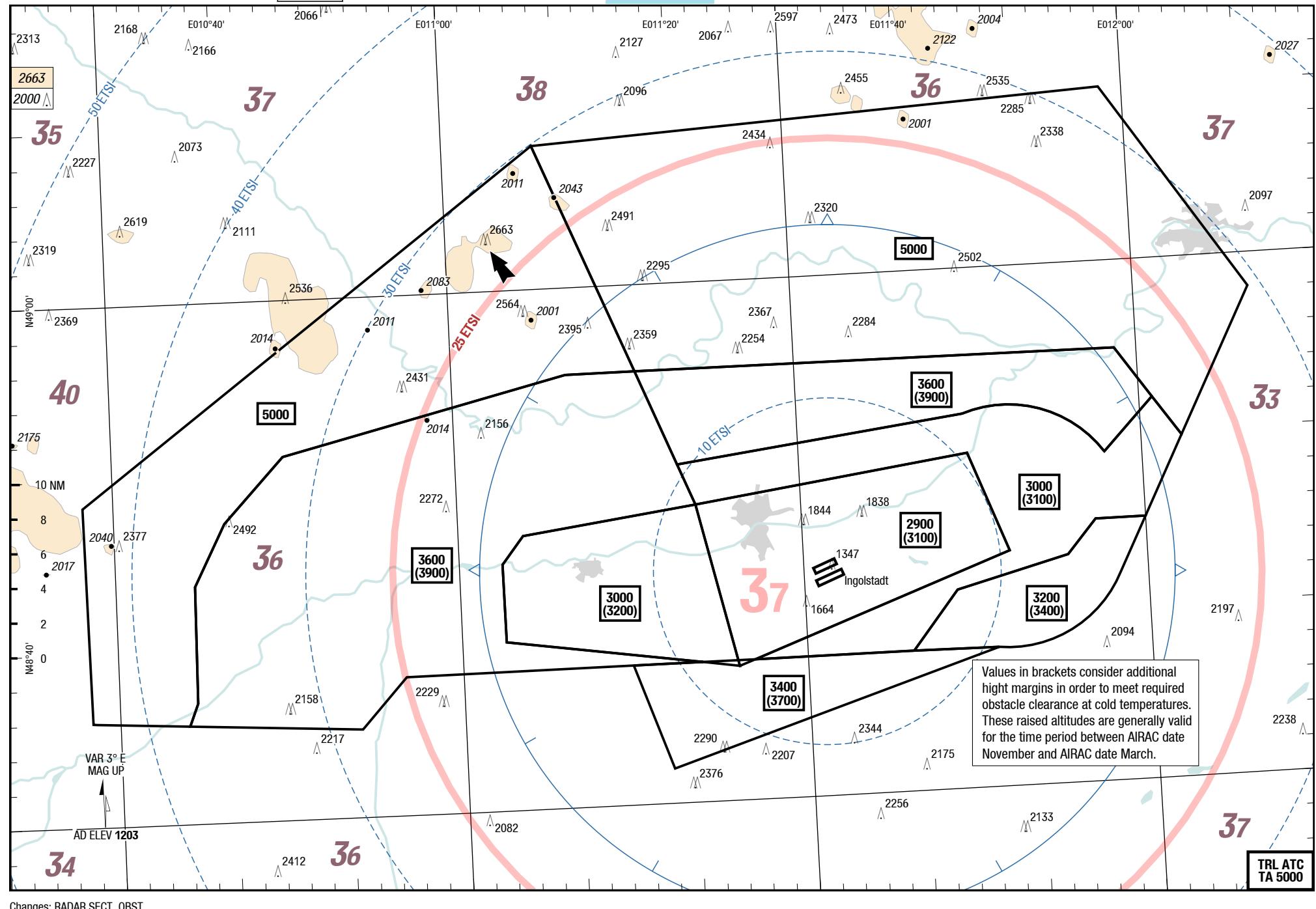
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MRC  
NIL

Manching Ingolstadt Germany

MRC  
NIL

8-10



Changes: RADAR SECT, OBST