

## GENERAL

### Operational Hours

**ATS Hours:** 0700-1930±, PPR required 0500-0700± and 1930-2100±

### AD Operator Hours

0700-1930±, PPR required 0500-0700± (1 day in advance until 1100±) and 1930-2100±

### Airport Information

**RFF:** CAT 6

**Fuel:** 0600-1800±, other times O/R

**PCN:** RWY 13/31: 30/F/D/W/T

**Customs:** O/R 2HR

### Operation

**TWY Restriction:** TWY width 15m / 49ft.

### Warnings

**MHV DVOR/DME** unusable:

0-10NM below 1200ft MSL.

10-20NM below 2500ft MSL

DVOR can be used for published en-route, APCH and DEP procedures.

Overflying of the nature reserve "Pferdsbroich" (1.2NM east of THR RWY 31) shall be avoided if possible.

## ARRIVAL

### Communication

**COM Failure:** See CRAR and in addition;

Proceed to MHV VOR for standard APCH.

## DEPARTURE

### Take-off Minima

RWY		13/31	
A, B, C	ft - m/km	0 - 150R	-
D		Not applicable	

### Communication

**COM Failure:** See CRAR.

### Departure Procedure

#### Departure Notes

##### COL 3A, 3N

FLTs unable to cross LIPMI at FL150 or above shall advise CLR DLV upon start-up REQ.

##### GMH 1N, 8Z

Only for FLTs with RFL140 or below.

##### KUMIK 3A, 3N

Only for FLTs with RFL150 or above.

FLTs unable to cross DEGOM at FL150 or above shall advise CLR DLV upon start-up REQ.

**DEPARTURE****NUDGO 4A, 4N**

Not AVBL for FLTs into upper airspace.

**SONEB 3A, 3N**

Only for FLTs with RFL140 or above via RKN/TENLI. Other FLTs proceed via ABODU on L179 to MEVEL. Flights must be able to cross LN140 at FL140 or above. If unable advise CLR DLV upon start-up REQ.

**De-icing**

Not AVBL.

Effective 01-FEB-2018

25-JAN-2018

MGL-EDLN

Germany Monchengladbach

AGC

AFC

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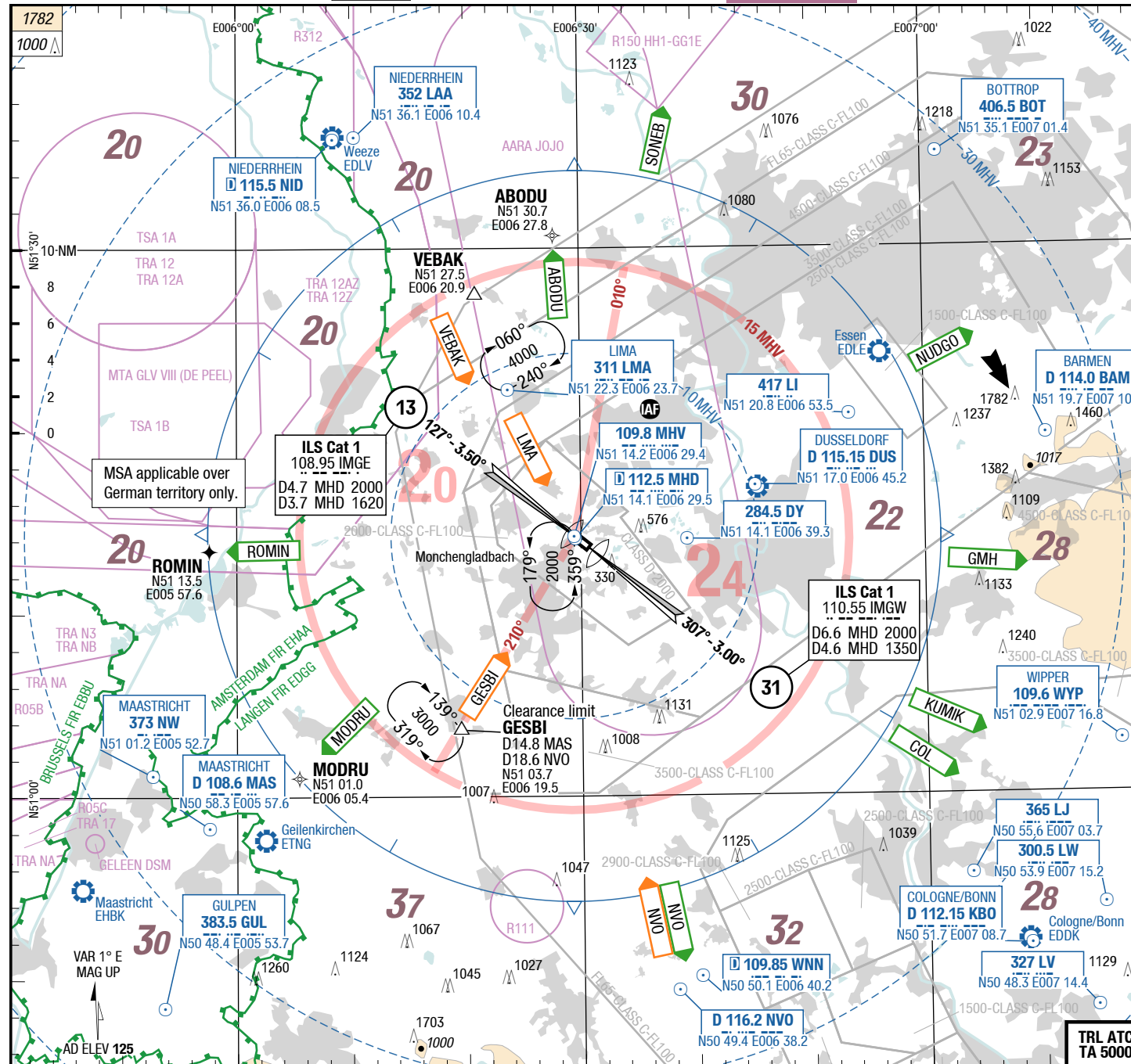
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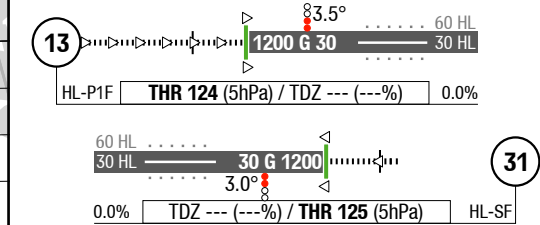
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2-10



ATIS	109.800	MHV 0700-1930†
Langen RAD	128.500	
	121.350	
TWR	120.450	0700-1930† up to 4000 AGL; other times PPR
GND	121.925	0800-1200† 1400-1800†
	120.450	Other Times

Landing RWY system:



Changes: ASP, Navaid, SUAs, OBST

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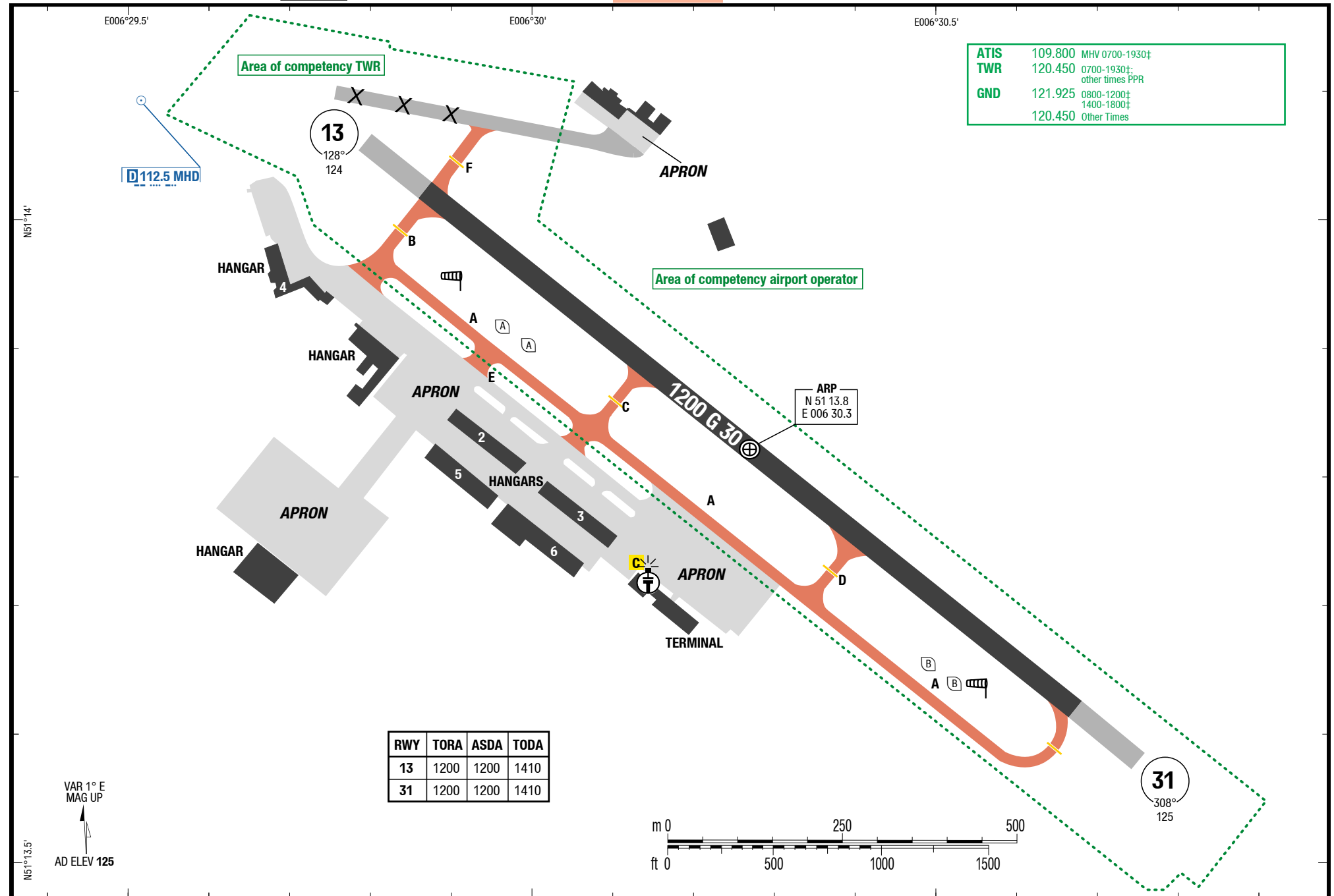
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3-20



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SIDs RWY 13 West (RNAV Overlay)

4-10 SIDs RWY 13 East (RNAV Overlay)

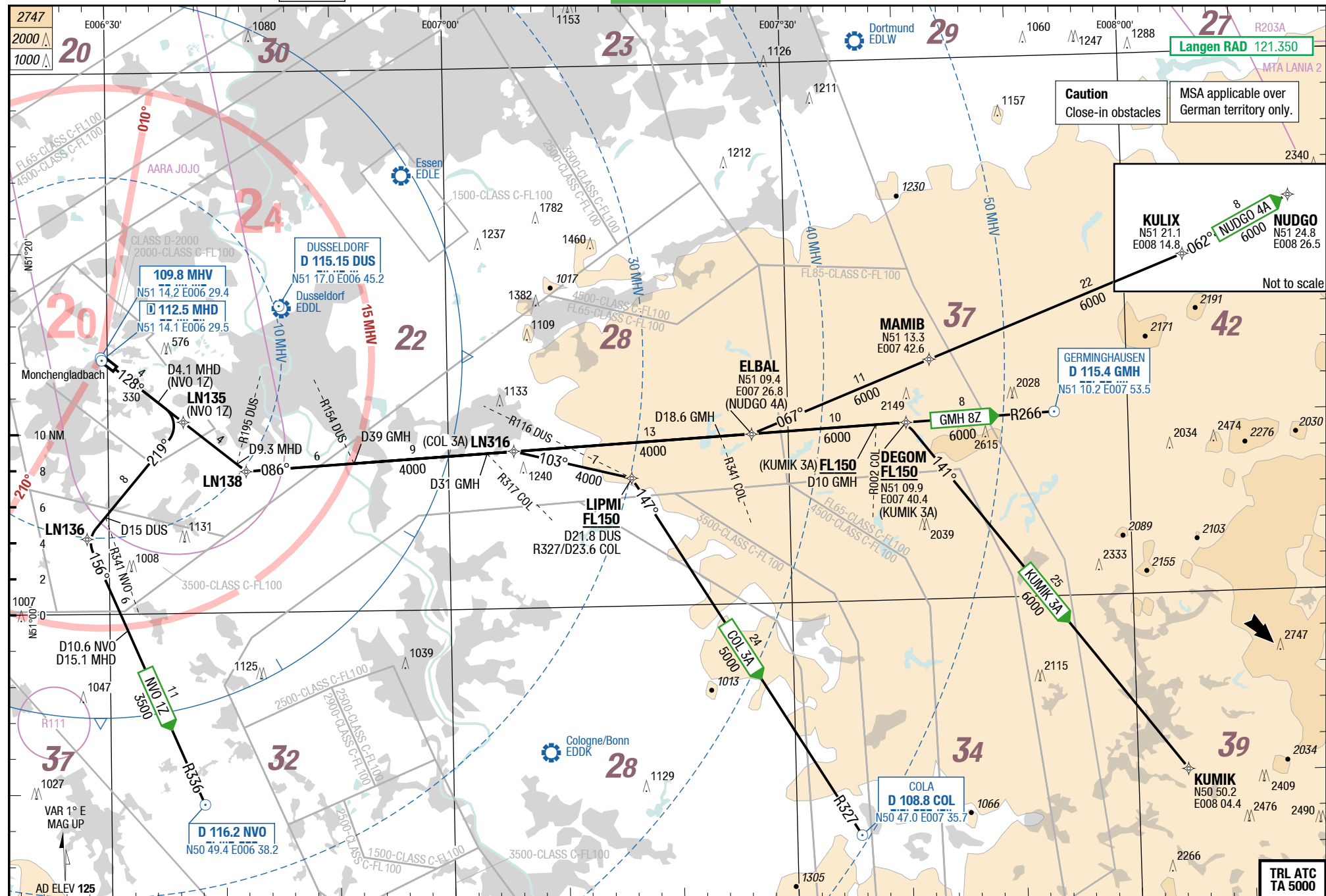
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# Monchengladbach Germany

SIDs RWY 13 West (RNAV Overlay)

SIDs RWY 13 East (RNAV Overlay)



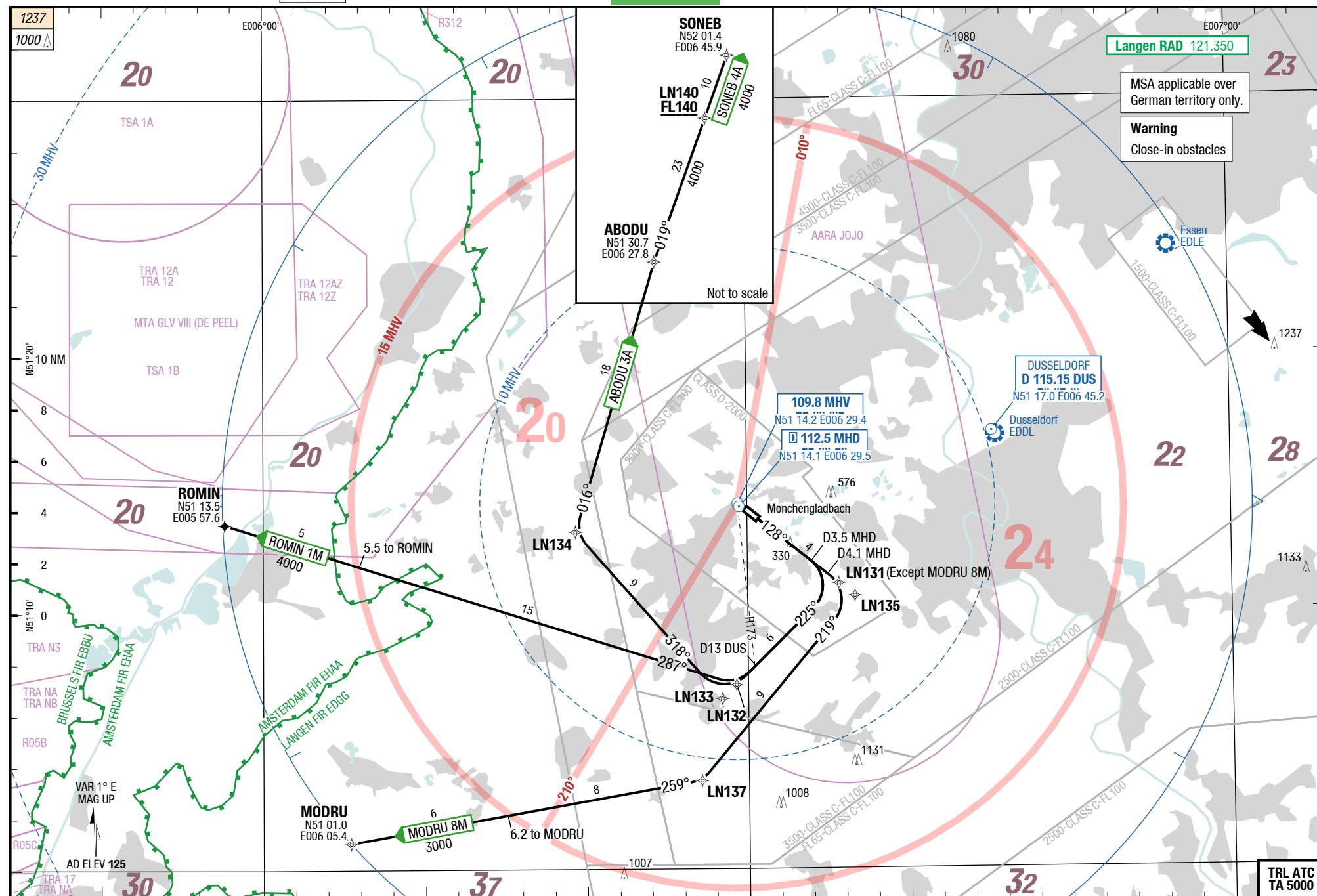
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## 4-20 SIDs RWY 13 West (RNAV Overlay)

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### SIDs RWY 13 West (RNAV Overlay)



Changes: ASP, SUAs

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## MGL-EDLN

SIDs RWY 31 West (RNAV Overlay)

4-30

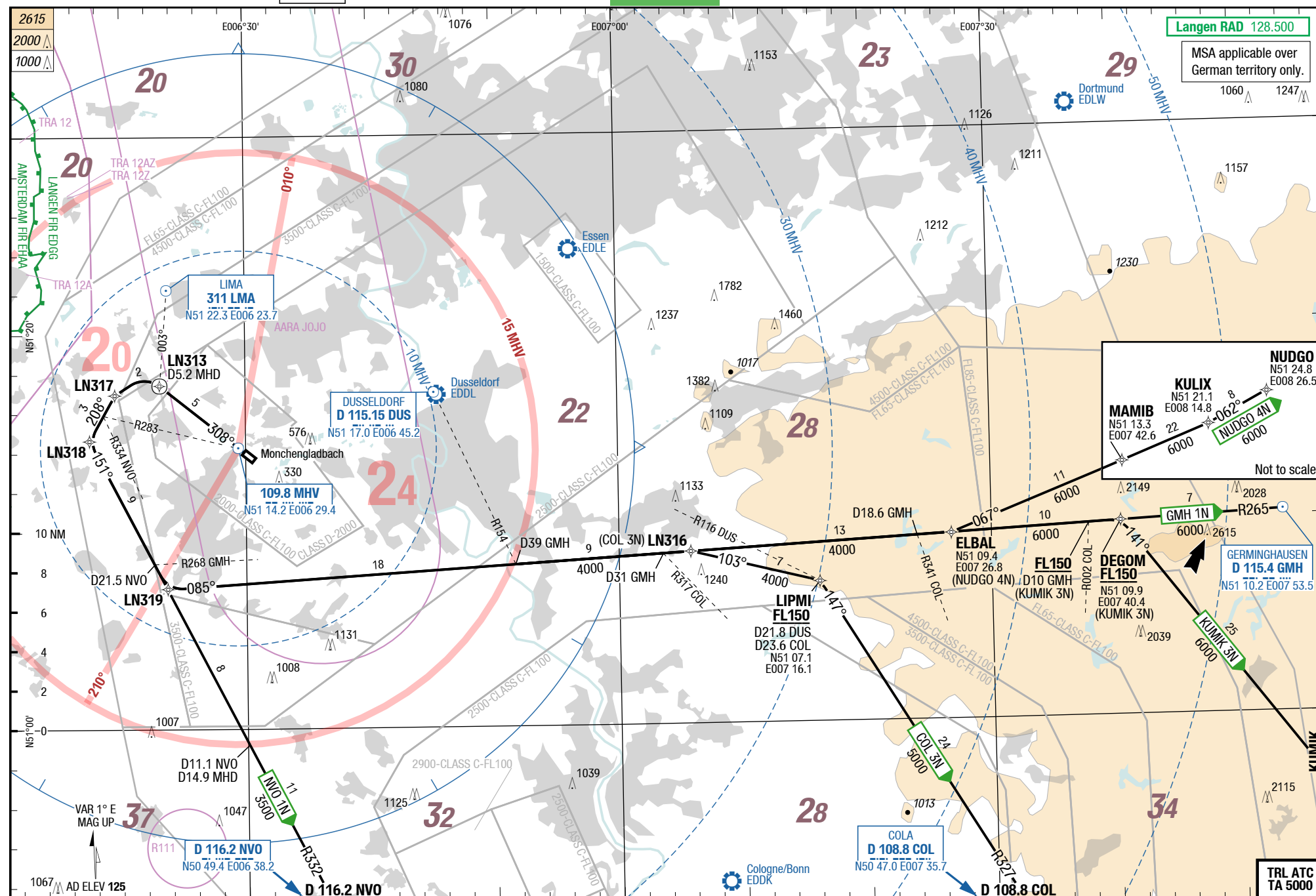
### SIDs RWY 31 East (RNAV Overlay)

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SIDs RWY 31 West (RNAV Overlay)

### SIDs RWY 31 East (RNAV Overlay)



Changes: SUAs, OBST

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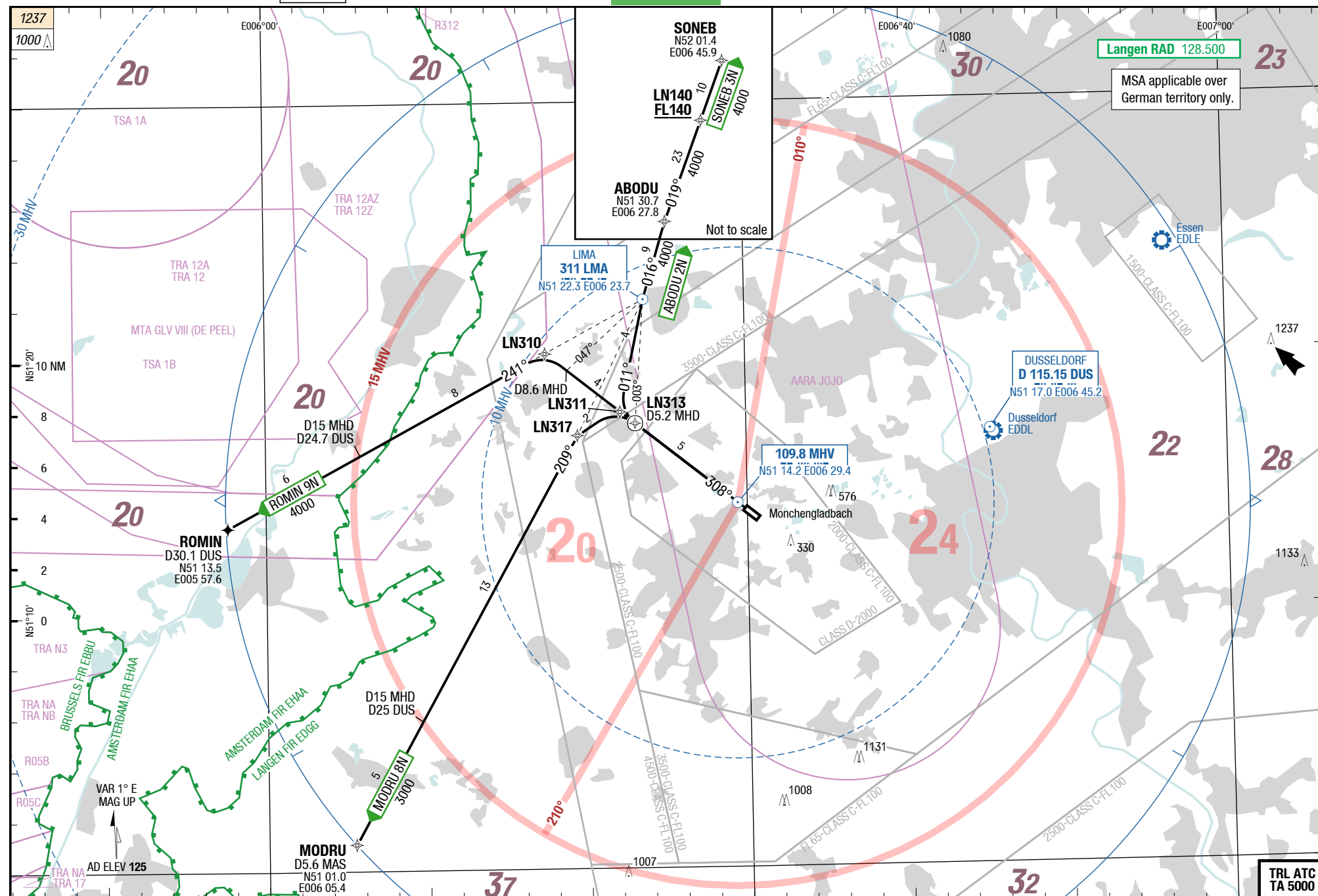
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### SIDs RWY 31 West (RNAV Overlay)

4-40

### SIDs RWY 31 West (RNAV Overlay)



Changes: SUAs, OBST

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**COLA 3A / GERMINGHAUSEN 8Z / KUMIK 3A / NOERVENICH 1Z / NUDGO 4A**  
RWY 13 (128°)

**After take-off, contact Langen RAD.**

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 13</b>	
<b>COLA 3A</b> <b>COL 3A</b> <b>121.350</b> ②	at D9.3 <b>MHD/R195 DUS LT</b> intercept R266 <b>GMH</b> inbound - at D31 <b>GMH/R317 COL RT</b> 103° - intercept R327 <b>COL</b> to <b>COL</b>  <b>FMS</b> [A600+] - LN138 - LN316 - LIPMI - COL	D21.8/R116 <b>DUS MNM FL150</b>  LIPMI MNM <b>FL150</b>  <b>initial climb 2000</b>
<b>GERMINGHAUSEN 8Z</b> <b>GMH 8Z</b> <b>121.350</b> ②	at D9.3 <b>MHD/R195 DUS LT</b> intercept R266 <b>GMH</b> to <b>GMH</b>  <b>FMS</b> [A600+] - LN138 - GMH	   <b>initial climb 2000</b>
<b>KUMIK 3A</b> <b>121.350</b> ①②	at D9.3 <b>MHD/R195 DUS LT</b> intercept R266 <b>GMH</b> inbound - at D10 <b>GMH/R002 COL RT</b> 141° to KUMIK  <b>FMS</b> [A600+] - LN138 - DEGOM - KUMIK	D10 <b>GMH/R002 COL MNM FL150</b>  DEGOM MNM <b>FL150</b>  <b>initial climb 2000</b>
<b>NOERVENICH 1Z</b> <b>NVO 1Z</b> <b>121.350</b> ②	at D4.1 <b>MHD RT</b> 219° - at D15 <b>DUS/R341 NVO LT</b> intercept R336 <b>NVO</b> to <b>NVO</b>  <b>FMS</b> [A600+] - LN135 - LN136 - NVO	   <b>initial climb 2000</b>
<b>NUDGO 4A</b> <b>121.350</b> ②	at D9.3 <b>MHD/R195 DUS LT</b> intercept R266 <b>GMH</b> inbound - at D18.6 <b>GMH/R341 COL LT</b> 067° via MAMIB to KULIX - LT 062° to NUDGO  <b>FMS</b> [A600+] - LN138 - ELBAL - MAMIB - KULIX - NUDGO	   <b>initial climb 2000</b>

① After D10 GMH/R002 COL B-RNAV equipment necessary

② Warning: Close-in obstacles.

## MGL-EDLN

5-20

SIDs RWY 13 West (RNAV Overlay)

ABODU 3A / MODRU 8M / ROMIN 1M / SONEB 4A

RWY 13 (128°)

After take-off, contact Langen RAD.

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
<b>ABODU 3A</b> <b>121.350</b> ①③	at D3.5 <b>MHD RT 225°</b> - at D13 <b>DUS/R173 MHV RT 318°</b> to LN134 - <b>RT 016°</b> to ABODU  <b>FMS</b> [A600+] - LN131 - LN133 - LN134 - ABODU	<b>initial climb 2000</b>
<b>MODRU 8M</b> <b>121.350</b> ②③	at D4.1 <b>MHD RT 219°</b> to LN137 - <b>RT 259°</b> to MODRU  <b>FMS</b> [A600+] - LN135 - LN137 - MODRU	<b>initial climb 2000</b>
<b>ROMIN 1M</b> <b>121.350</b> ①③	at D3.5 <b>MHD RT 225°</b> - at D13 <b>DUS/R173 MHV RT 287°</b> to ROMIN  <b>FMS</b> [A600+] - LN131 - LN132 - ROMIN	<b>initial climb 2000</b>
<b>SONEB 4A</b> <b>121.350</b> ①③	at D3.5 <b>MHD RT 225°</b> - at D13 <b>DUS/R173 MHV RT 318°</b> to LN134 - <b>RT 016°</b> to ABODU - <b>RT 019°</b> via LN140 to SONEB  <b>FMS</b> [A600+] - LN131 - LN133 - LN134 - ABODU - LN140 - SONEB	<b>LN140 MNM FL140</b>  <b>LN140 MNM FL140</b>  <b>initial climb 2000</b>

① After D13 DUS/R173 MHV, B-RNAV equipment necessary.

② After passing 2000ft, B-RNAV equipment necessary.

③ Warning: Close-in obstacles

## MGL-EDLN

5-30

SIDs RWY 31 East (RNAV Overlay)

COLA 3N / GERMINGHAUSEN 1N / KUMIK 3N / NOERVENICH 1N / NUDGO 4N

RWY 31 (308°)

After take-off, contact Langen RAD.

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 31</b>	
<b>COLA 3N</b> <b>COL 3N</b> <b>128.500</b>	at D5.2 MHD/QDM 003 <b>LMA LT</b> 208° - crossing R334 <b>NVO</b> /R283 <b>MHV LT</b> intercept R332 <b>NVO</b> inbound - at D21.5 <b>NVO</b> /R268 <b>GMH LT</b> intercept R265 <b>GMH</b> inbound - at D31 <b>GMH</b> /R317 <b>COL RT</b> 103° intercept R327 <b>COL</b> to <b>COL</b>  <b>FMS</b> [A600+] - <u>LN313</u> - LN317 - LN318 - LN319 - LN316 - LIPMI - COL	D21.8/R116 <b>DUS</b> MNM <b>FL150</b>  LIPMI MNM <b>FL150</b>  <b>initial climb 2000</b>
<b>GERMINGHAUSEN 1N</b> <b>GMH 1N</b> <b>128.500</b>	at D5.2 MHD/QDM 003 <b>LMA LT</b> 208° - crossing R334 <b>NVO</b> /R283 <b>MHV LT</b> intercept R332 <b>NVO</b> inbound - at D21.5 <b>NVO</b> /R268 <b>GMH LT</b> intercept R265 <b>GMH</b> to <b>GMH</b>  <b>FMS</b> [A600+] - <u>LN313</u> - LN317 - LN318 - LN319 - GMH	<b>initial climb 2000</b>
<b>KUMIK 3N</b> <b>128.500</b> ①	at D5.2 MHD/QDM 003 <b>LMA LT</b> 208° - crossing R334 <b>NVO</b> /R283 <b>MHV LT</b> intercept R332 <b>NVO</b> inbound - at D21.5 <b>NVO</b> /R268 <b>GMH LT</b> intercept R265 <b>GMH</b> inbound - at D10 <b>GMH</b> /R002 <b>COL RT</b> 141° to KUMIK  <b>FMS</b> [A600+] - <u>LN313</u> - LN317 - LN318 - LN319 - DEGOM - KUMIK	D10 <b>GMH</b> /R002 COL MNM <b>FL150</b>  DEGOM MNM <b>FL150</b>  <b>initial climb 2000</b>
<b>NOERVENICH 1N</b> <b>NVO 1N</b> <b>128.500</b>	at D5.2 MHD/QDM 003 <b>LMA LT</b> 208° - crossing R334 <b>NVO</b> /R283 <b>MHV LT</b> intercept R332 <b>NVO</b> to <b>NVO</b>  <b>FMS</b> [A600+] - <u>LN313</u> - LN317 - LN318 - NVO	<b>initial climb 2000</b>
<b>NUDGO 4N</b> <b>128.500</b> ②	at D5.2 MHD/QDM 003 <b>LMA LT</b> 208° - crossing R334 <b>NVO</b> /R283 <b>MHV LT</b> intercept R332 <b>NVO</b> inbound - at D21.5 <b>NVO</b> /R268 <b>GMH LT</b> intercept R265 <b>GMH</b> inbound - at D18.6 <b>GMH</b> /R341 <b>COL LT</b> 067° via MAMIB to KULIX - <b>LT</b> 062° to NUDGO  <b>FMS</b> [A600+] - <u>LN313</u> - LN317 - LN318 - LN319 - ELBAL - MAMIB - KULIX - NUDGO	<b>initial climb 2000</b>

① After D10 GMH/R002 COL B-RNAV equipment necessary

② After D18.6 GMH/R341 COL B-RNAV equipment necessary

## MGL-EDLN

5-40

SIDs RWY 31 West (RNAV Overlay)

## ABODU 2N / MODRU 8N / ROMIN 9N / SONEB 3N

RWY 31 (308°)

After take-off, contact Langen RAD.

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
<b>ABODU 2N</b> <b>128.500</b>	at D5.2 <b>MHD/QDM 003 LMA RT</b> intercept QDM 011 <b>LMA</b> to <b>LMA</b> - QDR 016 <b>LMA</b> to ABODU  <b>FMS</b> [A600+] - LN311 - LMA - ABODU	<b>initial climb 2000</b>
<b>MODRU 8N</b> <b>128.500</b>	at D5.2 <b>MHD/QDM 003 LMA LT</b> intercept QDR 209 <b>LMA</b> to MODRU  <b>FMS</b> [A600+] - LN313 - LN317 - MODRU	<b>initial climb 2000</b>
<b>ROMIN 9N</b> <b>128.500</b>	at D8.6 <b>MHD/QDM 047 LMA LT</b> intercept QDR 241 <b>LMA</b> to ROMIN  <b>FMS</b> [A600+] - LN310 - ROMIN	<b>initial climb 2000</b>
<b>SONEB 3N</b> <b>128.500</b> ①	at D5.2 <b>MHD/QDM 003 LMA RT</b> intercept QDM 011 <b>LMA</b> to <b>LMA</b> - QDR 016 <b>LMA</b> to ABODU - <b>RT 019°</b> via LN140 to SONEB  <b>FMS</b> [A600+] - LN311 - LMA - ABODU - LN140 - SONEB	LN140 MNM <b>FL140</b>  LN140 MNM <b>FL140</b>  <b>initial climb 2000</b>

① After ABODU B-RNAV equipment necessary.

25-JAN-2018

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NIL

STARs

STAR

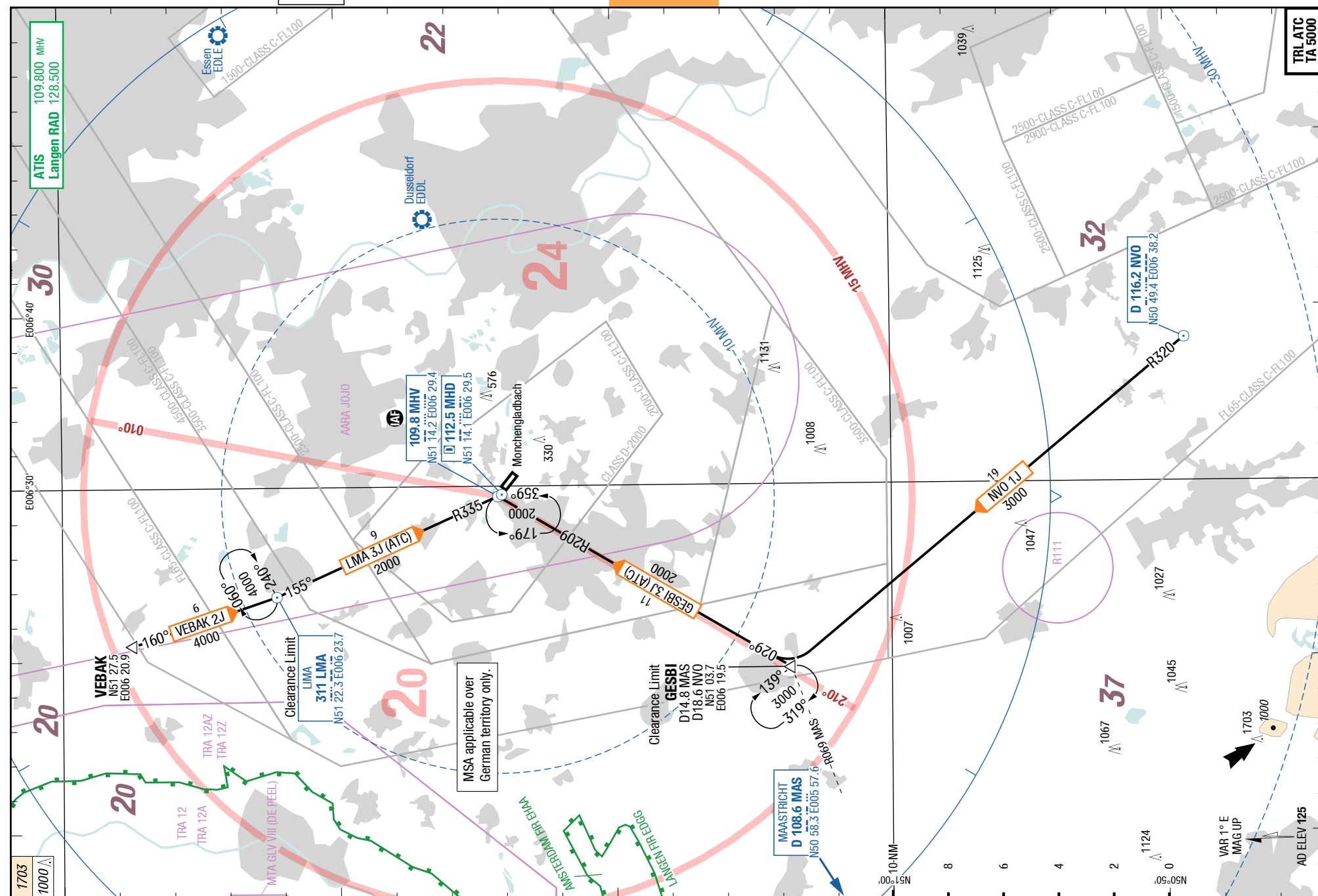
STAR

Monchengladbach Germany

NIL

STARs

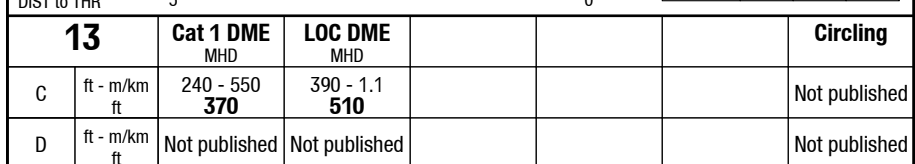
6-10



Changes: SUAs, OBST



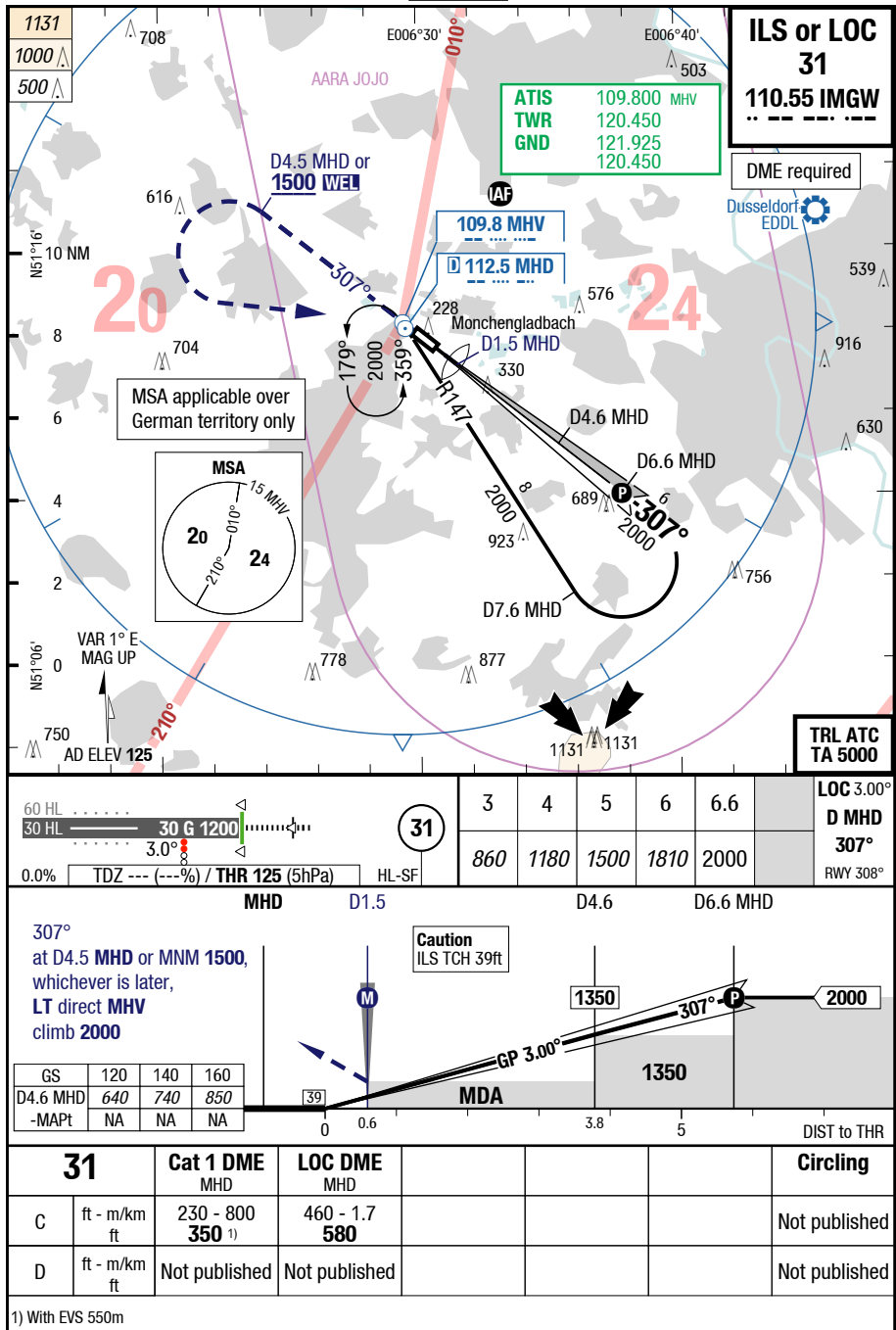
## ILS or LOC 13



## MGL-EDLN

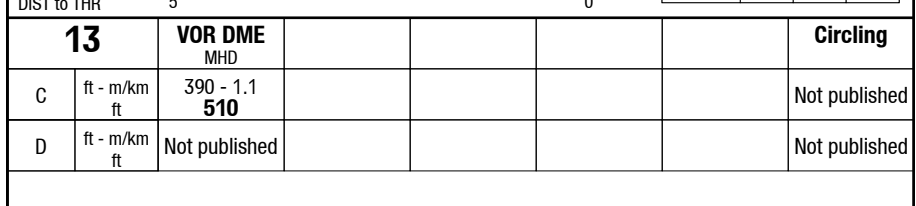
7-20

## ILS or LOC 31



Changes: Completely revised

**VOR 13**



**VOR 31**

