

GENERAL**Operational Hours****ATS Hours / AD ADMIN Hours:** H24**Night Restrictions**

No TK0F/LDG 2100-0500± (2050± off blocks).

Exceptions: ALTN LDG or special ACFT certification required (Bonusliste).

Airport Information**RFF:** CAT 7, CAT 8, 9 AVBL O/R**Rescue:** 'MUENSTER RESCUE' 121.550 AVBL**PCN:** RWY 07/25: 68/F/B/X/T**Operation****Taxi/Parking**

Intersection C: No entry at CAT II/III.

Stands 301-305 MAX wingspan 20m / 66ft.

Stands 401-408 MAX wingspan 12m / 39ft.

Warnings**MYN NDB** unusable:

180°-070° beyond 17NM.

070°-090° beyond 13NM.

090°-130° beyond 17NM.

130°-180° beyond 13NM.

MOD DME unusable:

R265-R315.

Birds in vicinity of AD.

ARRIVAL**Communication****COM Failure:** See CRAR.**Arrival Procedure****FMS RNAV Transitions:** For FMS RNAV transitions leading to all instrument APCHs refer to best AVBL APCH PROC (IAC) leading to the respective RWY.**Arrival Notes****BAMSU 2J:** Only for flights with MNM FL190. Other flights proceed via R15 to HMM**Visual APCH**

Visual APCH with Jet ACFT shall be conducted as follows: Avoid overflying populated areas.

RWY 07: ACFT shall be established on final at D4 MOD.

RWY 25: ACFT shall be established on final at D3 MOD.

Warnings

Occasional rough GP signal within 10NM to 4NM in front of THR RWY 07 possible.

DEPARTURE**Take-off Minima**

| | | | |
|----------|-----------|----------|---|
| RWY | | 25 | |
| All ACFT | ft - m/km | 0 - 75R | - |
| RWY | | 07 | |
| All ACFT | ft - m/km | 0 - 125R | - |

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

AVBL

FMO-EDDG

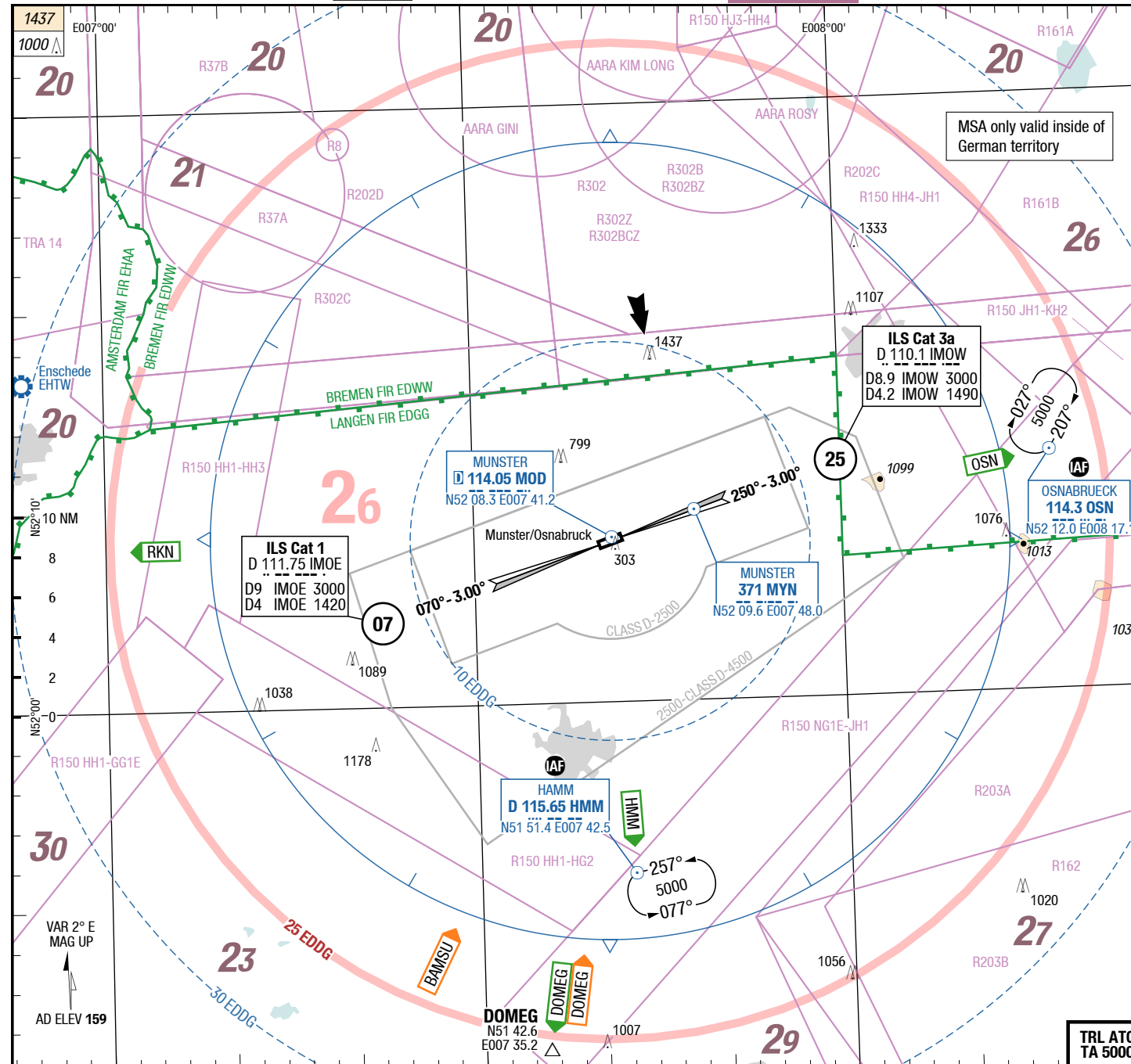
AGC
AFC

AFC

AFC

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2-10



60 HL *****
15 HL
45 x 1970
 3.0°
0.0% TDZ --- (---%) / **THR 159** (6hPa) HL-P2F

TRL ATC
TA 5000

Effective 16-AUG-2018

09-AUG-2018

FMO-EDDG

Germany Munster/Osnabruck

AGC

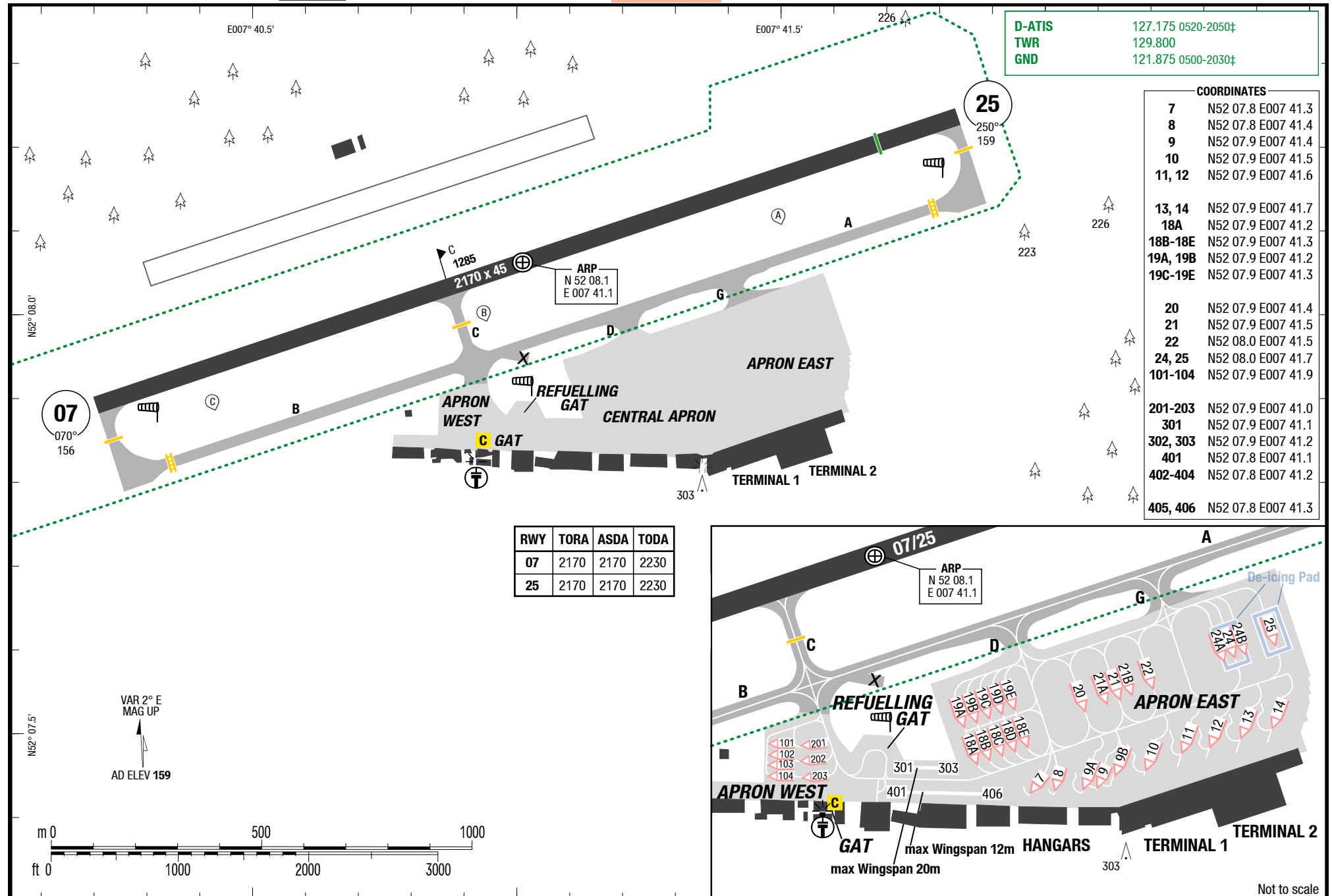
AGC

AGC

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AGC

3-20



Changes: Nil

Not to scale

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24-MAY-2018

FMO-EDDG

Germany Munster/Osnabruck

SIDs RWY 25 (RNAV Overlay)

4-10

SIDs RWY 07 (RNAV Overlay)

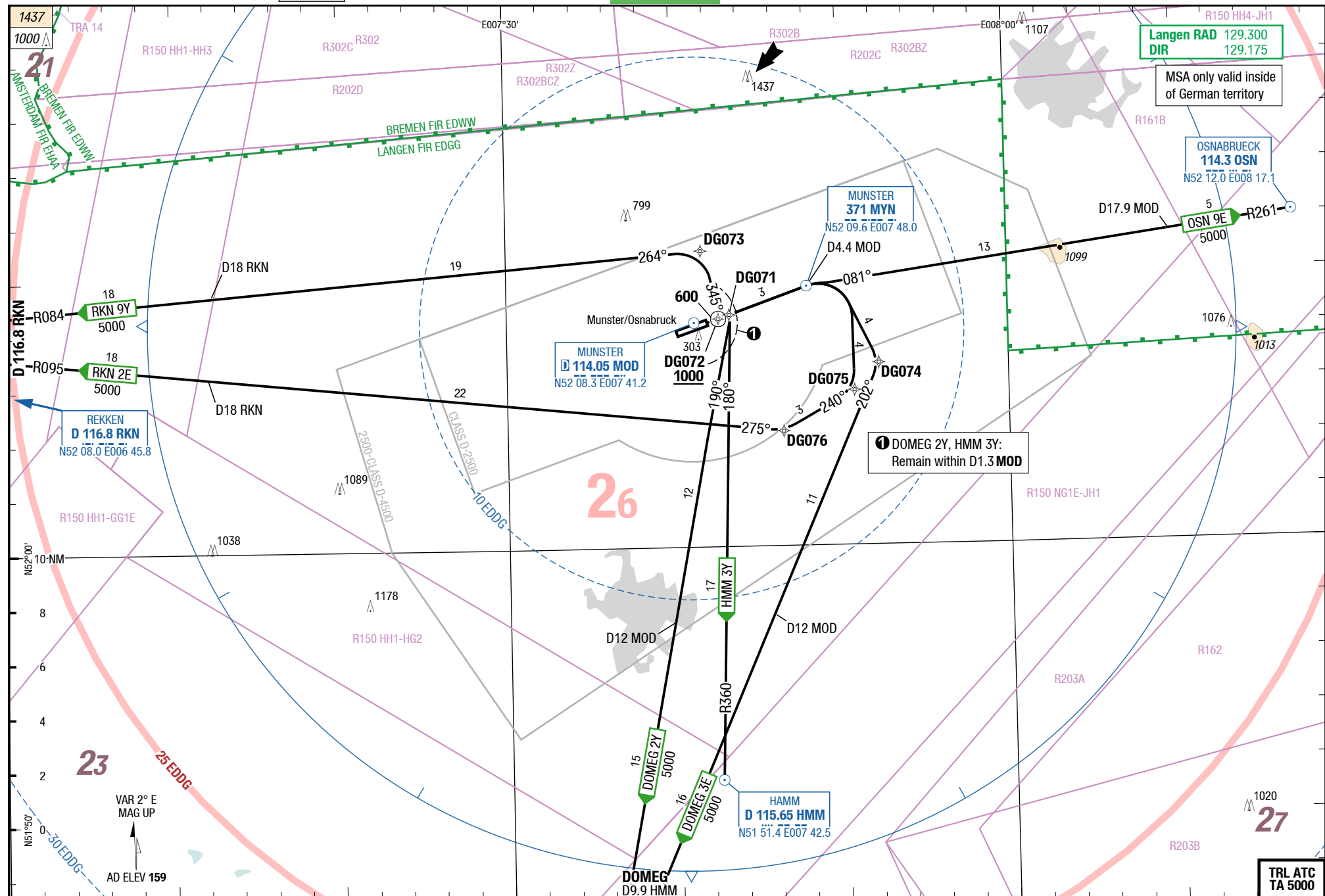
SID

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Munster/Osnabruck Germany

SIDs RWY 25 (RNAV Overlay)

SIDs RWY 07 (RNAV Overlay)



Changes: MGA, FREQ, VAR, SUAs

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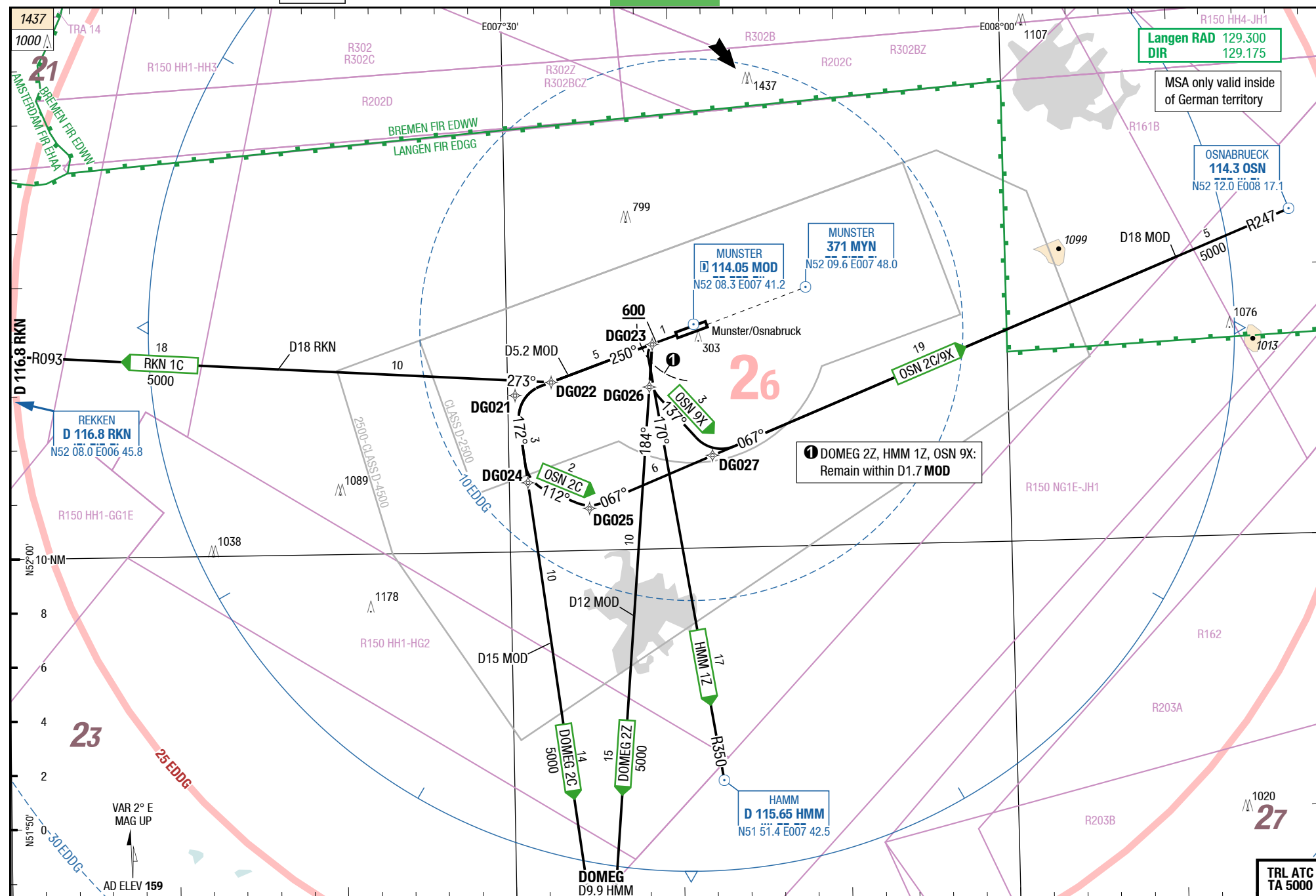
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4-20 **SIDs RWY 25 (RNAV Overlay)**

SID

SID

SIDs RWY 25 (RNAV Overlay)



Changes: MGA, FREQ, VAR, SUAs

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11-AUG-2016

FMO-EDDG**5-10****SIDs RWY 07 (RNAV Overlay)****DOMEG 2Y / DOMEG 3E / HAMM 3Y / OSNABRUCK 9E / REKKEN 2E / REKKEN 9Y**
RWY 07 (070°)**After take-off, contact Langen RAD.**

| DESIGNATOR | ROUTING | ALTITUDES |
|--|--|---|
| | Runway 07 | |
| DOMEG 2Y 129.300 ①② | at 600 RT (within D1.3 MOD) 190° to DOMEG FMS [A600+] - <u>DG071</u> [R] - DOMEG | initial climb 5000 |
| DOMEG 3E 129.300 ① | direct MYN (D4.4 MOD) - RT 202° to DOMEG FMS [A600+] - <u>MYN</u> [R] - <u>DG074</u> - DOMEG | initial climb 5000 |
| HAMM 3Y HMM 3Y 129.300 ③④ | at 600 RT (within D1.3 MOD) intercept R360 HMM to HMM | initial climb 5000 |
| OSNABRUCK 9E OSN 9E 129.300 | direct MYN (D4.4 MOD) - RT intercept R261 OSN to OSN FMS [A600+] - <u>MYN</u> [R] - OSN | initial climb 5000 |
| REKKEN 2E RKN 2E 129.300 | direct MYN (D4.4 MOD) - RT 240° intercept R095 RKN to RKN FMS [A600+] - <u>MYN</u> [R] - <u>DG075</u> - <u>DG076</u> [R] - RKN | initial climb 5000 |
| REKKEN 9Y RKN 9Y 129.300 ⑤ | 070° - at <u>DG072 LT</u> to <u>DG073 LT</u> - 264° to RKN FMS [A600+] - <u>DG072</u> [L] - <u>DG073</u> - RKN | DG072 MNM 1000 DG072 MNM 1000 initial climb 5000 |

① After passing 2000 B-RNAV equipment necessary.

② For Prop/Turboprop aircraft up to 5.7 tonnes MTOW only. If unable to comply, file DOMEG E.

③ For Non-RNAV flights only.

④ For Prop/Turboprop aircraft up to 5.7 tonnes MTOW only.

⑤ For Jet aircraft up to 20 tonnes MTOW and Prop/Turboprop aircraft only. If unable to comply, file RKN E.

11-AUG-2016

FMO-EDDG**5-20****SIDs RWY 25 (RNAV Overlay)****DOMEG 2C / DOMEG 2Z / HAMM 1Z / OSNABRUCK 2C / OSNABRUCK 9X / REKKEN 1C**
RWY 25 (250°)**After take-off, contact Langen RAD.**

| DESIGNATOR | ROUTING | ALTITUDES |
|---|---|---------------------------|
| | Runway 25 | |
| DOMEG 2C 129.300 ① | QDR 250 MYN - at D5.2 MOD LT 172° to DOMEG FMS [A600+] - DG021 [L] - DOMEG | initial climb 5000 |
| DOMEG 2Z 129.300 ①② | QDR 250 MYN - at 600 LT (within D1.7 MOD) 184° to DOMEG FMS [A600+] - DG023 [L] - DOMEG | initial climb 5000 |
| HAMM 1Z HMM 1Z 129.300 ③④ | QDR 250 MYN - at 600 LT (within D1.7 MOD) intercept R350 HMM to HMM | initial climb 5000 |
| OSNABRUCK 2C OSN 2C 129.300 | QDR 250 MYN - at D5.2 MOD LT 112° intercept R247 OSN to OSN FMS [A600+] - DG021 [L] - DG024 [L] - DG025 [L] - OSN | initial climb 5000 |
| OSNABRUCK 9X OSN 9X 129.300 ⑤ | QDR 250 MYN - at 600 LT (within D1.7 MOD) 137° intercept R247 OSN to OSN FMS [A600+] - DG023 [L] - DG026 [L] - DG027 [L] - OSN | initial climb 5000 |
| REKKEN 1C RKN 1C 129.300 | QDR 250 MYN - at D5.2 MOD RT intercept R093 RKN to RKN FMS [A600+] - DG022 [R] - RKN | initial climb 5000 |

① After passing 2000 B-RNAV equipment necessary.

② For Jet aircraft up to 20 tonnes MTOW and Prop/Turboprop aircraft only. If unable to comply, file DOMEG C.

③ For Non-RNAV flights only.

④ For jet aircraft up to 20 tonnes MTOW and prop/turboprop aircraft.

⑤ For jet aircraft up to 20 tonnes MTOW and prop/turboprop aircraft. If unable to comply, file OSN C.

24-MAY-2018
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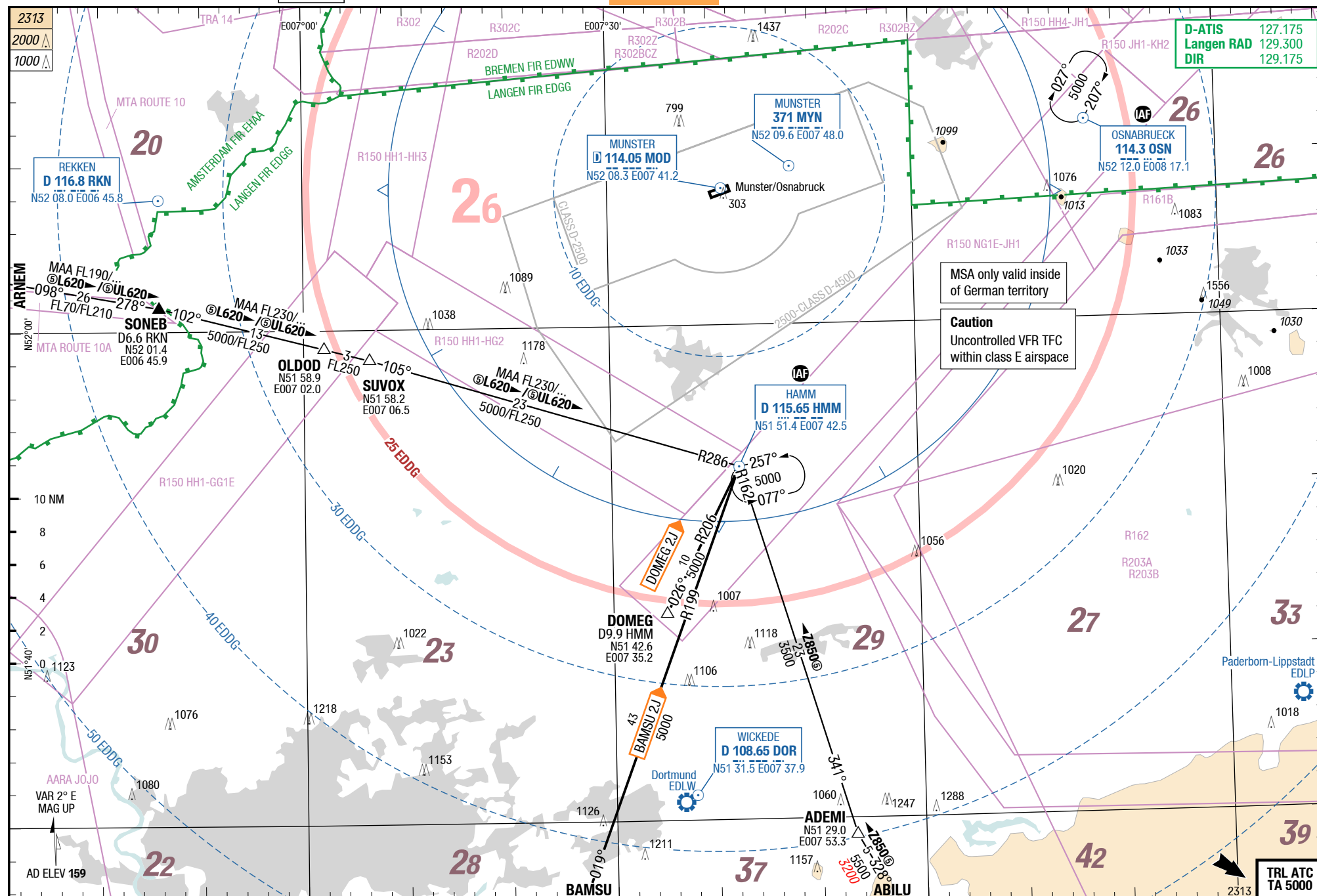
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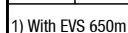
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Changes: FREQ, VAR, OBST, SUAs, AWY

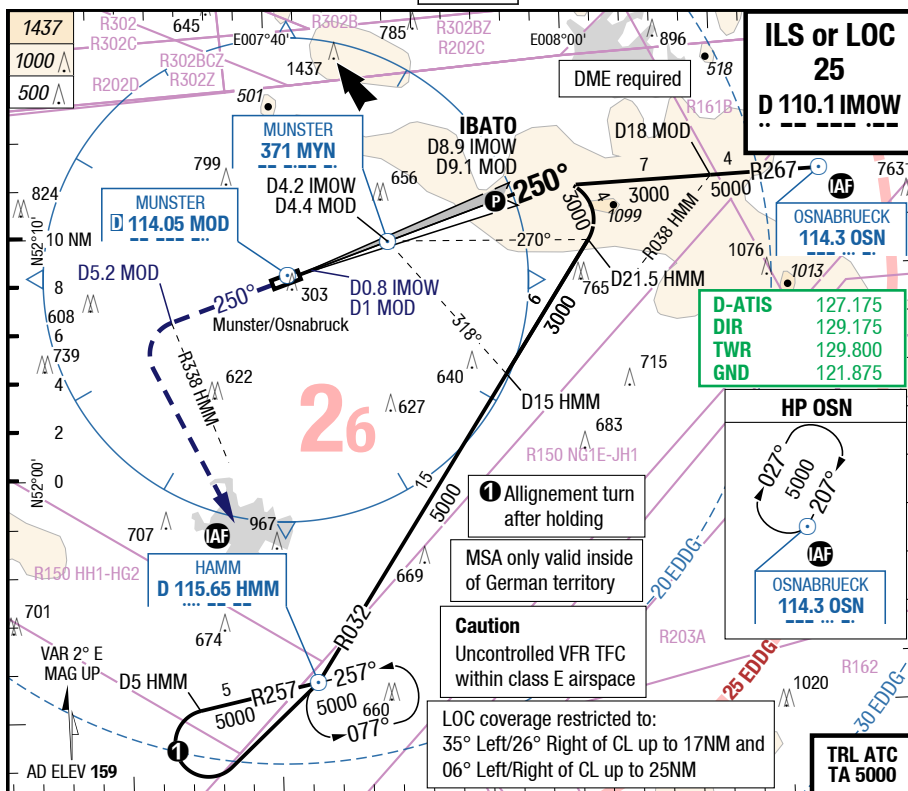
ILS or LOC 07



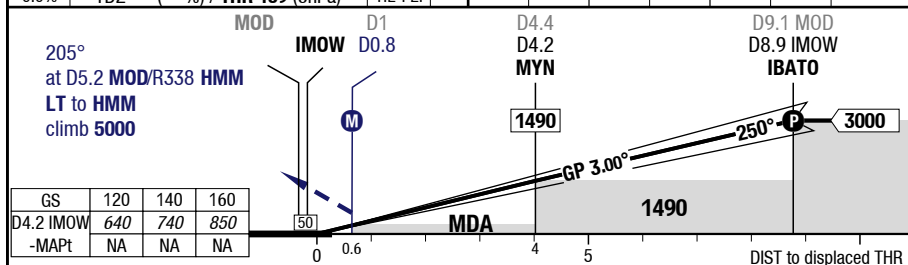
FMO-EDDG

7-20

ILS or LOC 25



| | | | | | | | | | | | |
|-------|------------------|----------------|--------|----|-----|------|------|------|------|------|---------------------|
| 60 HL | 15 HL | 45 x 1970 | 200 | 25 | 2 | 3 | 5 | 6 | 7 | 8.9 | LOC 3.00° D IMOW |
| 0.0% | TDZ --- (---%) / | THR 159 (6hPa) | HL-P2F | | 790 | 1110 | 1750 | 2070 | 2390 | 3000 | |



| 25 | | Cat 3a | Cat 2 | Cat 1 <i>L_{TS}</i> 1) | Cat 1 1) | LOC DME MOD | Circling |
|----|-----------------|---------------------|-------------------------|--------------------------------------|------------------|------------------|---------------|
| C | ft - m/km ft | 0 - 200R Company | 100 - 300R 102 RA | 200 - 400 360 | 200 - 550 360 | 460 - 1.4 610 | Not published |
| D | ft - m/km ft | 0 - 200R Company | 100 - 300R 102 RA 2) | 200 - 400 360 | 200 - 550 360 | 460 - 1.4 610 | Not published |

1) With EVS 350m, wo EVS use STD

2) If not conducting autoland RVR 350m required

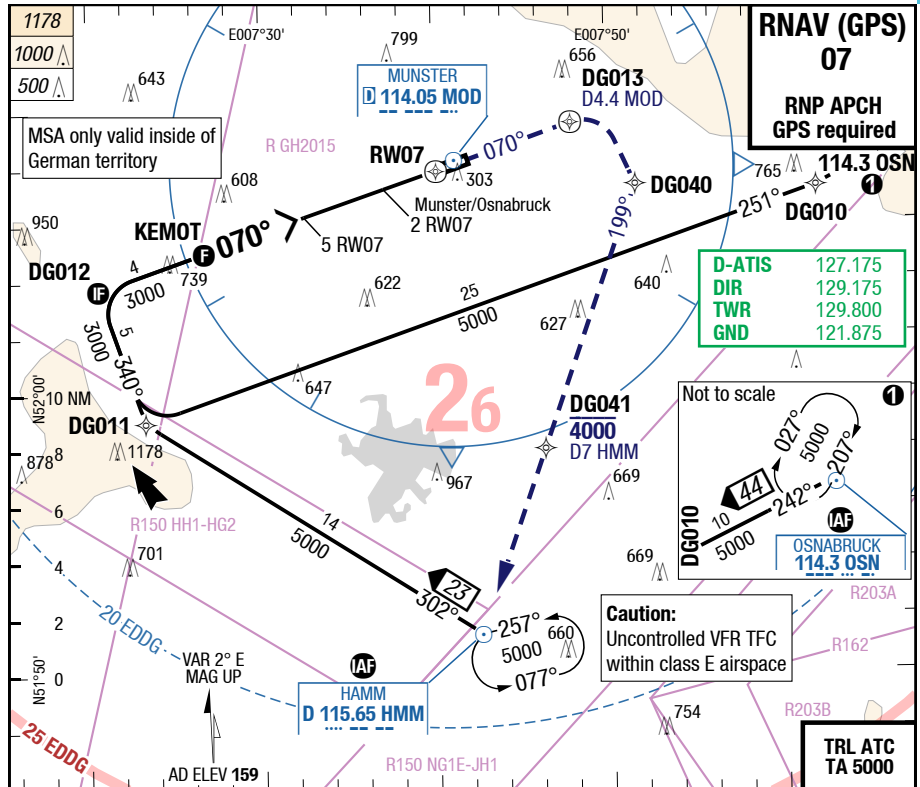
Changes: Completely revised

24-MAY-2018

FMO-EDDG

7-30

RNAV (GPS) 07



| 07 | | RNAV GPS VNAV 1) 2) | RNAV GPS LNAV | Circling | |
|----|-----------------|---------------------|------------------|----------|---------------|
| C | ft - m/km ft | 320 - 1.2 470 | 400 - 1.6 550 | | Not published |
| D | ft - m/km ft | 320 - 1.2 470 | 400 - 1.6 550 | | Not published |

1) BARO VNAV NA below -15°C (5°F)
2) With EVS 800m, wo EVS use STD

Changes: APL, FREQ, VAR, SUAS

RNAV (GPS) 25



| | | | | | | | | | |
|--|--|---|--|---|--|--------------------------|--|---------------------------|--|
| <div>60 HL 15 HL 45 x 1970 200 3.0° 0.0% TDZ --- (---%) / THR 159 (6hPa) HL-P2F</div> | | | | <div>356788.8 117018002120244027603000</div> | | | | <div>3.00° RW25</div> | |
| <div><div>DG017 [L] - DG020 - HMM [A5000]</div><div>250° at DG017 LT direct DG020 151° to HMM climb 5000</div></div> | | | | <div><div><div><div><div><div></div><div>GS</div><div>120</div><div>140</div><div>160</div></div><div><div>4 RW25</div><div>640</div><div>740</div><div>850</div></div><div><div>-MAPt</div><div>NA</div><div>NA</div><div>NA</div></div></div></div><div><div><div><div></div><div>50</div><div>MDA</div><div>850</div></div><div><div><div></div><div>1490</div><div>1490</div></div></div></div></div><div><div><div></div><div>3000</div><div>RW25</div><div>N52 08.2</div><div>E007 41.8</div></div></div></div></div> | | | | <div>250°</div> | |
| <div>024510DIST to displaced THR</div> | | | | | | | | | |
| <div>25</div> | | <div>RNAV GPS VNAV 1) 2)</div> | | <div>RNAV GPS LNAV</div> | | <div>Circling</div> | | | |
| <div>C</div> | | <div>ft - m/km ft 440 - 1.3 590</div> | | <div>450 - 1.4 600</div> | | <div>Not published</div> | | | |
| <div>D</div> | | <div>ft - m/km ft 440 - 1.3 590</div> | | <div>450 - 1.4 600</div> | | <div>Not published</div> | | | |

1) BARO VNAV NA below -15°C (5°F)
2) With EVS 900m, wo EVS use STD

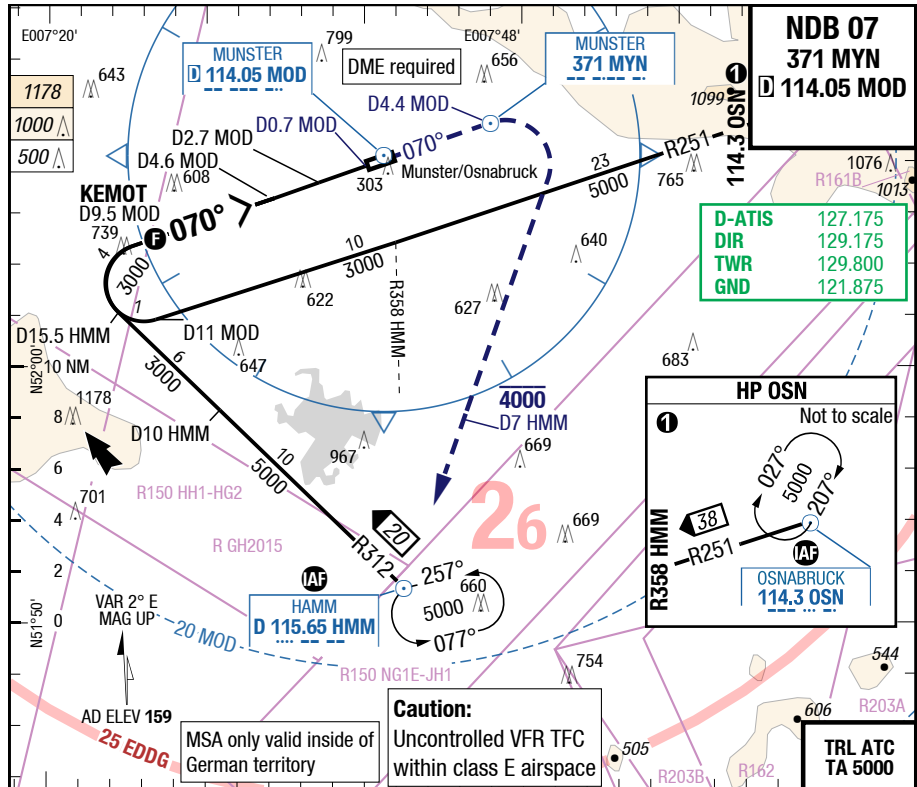
Changes: APL, FREQ, VAR, SUAs

24-MAY-2018

FMO-EDDG

7-50

NDB 07



| | | | | | | | | |
|-----------------------|------|------|------|------|------|-----|--|---|
| 3.00° D MOD | 9.5 | 7 | 6 | 5 | 4 | 3 | <div>07</div> <div>HL-NF</div> <div>THR 156 (6hPa) / TDZ --- (---%) 0.0%</div> | <div>83.0°</div> <div>2170 x 45</div> <div>60 HL</div> <div>15 HL</div> |
| | 3000 | 2220 | 1900 | 1580 | 1260 | 940 | | |

| | | | | |
|--------------------------|------|------|----------|--|
| D9.5 MOD KEMOT | D4.6 | D2.7 | D0.7 MOD | |
|--------------------------|------|------|----------|--|

| | | | |
|------|------|-----|-----|
| 3000 | 1450 | 850 | MDA |
|------|------|-----|-----|

| | | | | | |
|-------------|----|---|-----|---|---|
| DIST to THR | 10 | 5 | 3.9 | 2 | 0 |
|-------------|----|---|-----|---|---|

| | | | | | | |
|-----------|--------------------|-------------------------|--|--|--|-----------------|
| 07 | NDB DME MOD | | | | | Circling |
| C | ft - m/km ft | 500 - 2.1 650 | | | | Not published |
| D | ft - m/km ft | 500 - 2.1 650 | | | | Not published |

Changes: APL, FREQ, VAR, SUAs, OBST

