

GENERAL

Operational Hours

ATS Hours / AD Operator Hours: 0500-2130‡

Night Restrictions

- Except delayed LDG/TKOF until 2300‡.
- ALTN LDG if AD has confirmed ready for OPS.

Airport Information

RFF: CAT 7

PCN: RWY 09/27: 58/F/A/X/T (antskid layer)

Operation

TWY Restriction

TWY A, B width 21.5m / 71ft.

Warnings

SBN NDB unusable:

- 020°-060° beyond 10NM.
- 060°-100° beyond 20NM.
- 100°-160° beyond 15NM.
- 160°-240° beyond 28NM.
- 240°-020° beyond 15NM.

SR NDB unusable:

- 050°-280° beyond 10NM.
- 280°-050° beyond 8NM.

SAD DME unusable:

- R225-R240 beyond 21NM below 10000ft.
- R240-R225 beyond 25NM below 10000ft.

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.

ILS 27: Non STD ILS due to TCH 62ft.

Non-standard GP intercept position on RWY 27

GP intercepts RWY 27 at 332m / 1088ft after landing threshold.

Remaining LDG DIST beyond GP is 1518m / 4982ft.

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1-20

AOI

AOI

DEPARTURE

Take-off Minima

RWY		09/27	
All ACFT	ft - m/km	0 - 125R	-

Communication

COM Failure: See CRAR.

21-JUN-2018

SCN-EDDR

Germany Saarbruecken

Saarbruecken Germany

AF

AGC
AFC

2-10

D-ATIS
Langen RAD
TWR

125.475 0450-2120‡
129.675
118.350
118.550

Landing RWY system:

09

200
N **THR 1024** (37hPa) / TDZ --- (1.1%)]+0.5%
60 HL
15 HL **45 x 1840** **90**
3.0°
-0.5% TDZ --- (-0.1%) / **THR 1058** (38hPa) HL-P1F
27

Changes: Navaid

21-JUN-2018

Germany Saarbruecken

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AGC

Saarbruecken Germany

AGC

E007° 06'

E007° 07

RWY	TORA	ASDA	 TODA
09	1900	1900	2000
27	1930	1930	1990

D-ATIS 125.475 0450-2120‡

TWR 118.350 118.550

Runway Data:

RWY	TORA	ASDA	TODA
09	1900	1900	2000
27	1930	1930	1990

ARP: N 49 12.9 E 007 06.6

runway profile: 09 (1.2%) to 27 (0%)

SAARBRUCKEN: D 116.75 SAD

VAR 1° E MAG UP

AD ELEV 1058

Changes: Navaid

Effective 01-MAR-2018

22-FEB-2018

SCN-EDDR

4-10

Germany Saarbruecken

RNAV SIDs RWY 27

RNAV SIDs RWY 09

Saarbruecken German

RNAV SIDs RWY 27

RNAV SIDs RWY 09

2154
2000 A

2154
2000 A

2113 A

2154 A

MSA only valid inside of German territory

MSA 25 EDDR 40

CLASS D-3600

CLASS D-3600

1365 A

1251 (GTQ 1L) DR200

1500 086°

DR201 (TOMPI 1L)

1 2 11

DR202 MAX 210KT 269°

DR203 227°

DR204 FL80 2

61Q 1L 13

GROSTENQUIN D 111.25 GTQ N48 59.2 E006 43.0

AD ELEV 1058 R163A R163C

VAR 1° E MAG UP

TSA 22A

R163B

R122 R150D2

R150D1

R228B R228A

LANGEN FIR EDGG REIMS FIR LFEE

ZWEIBRUECKEN D 114.8 ZWN N49 13.7 E007 25.1

Zweibruecken EDRZ

R305C R205C

R305D R205D

R150 GE1-JE1

E007°00'

E007°20'

Langen RAD 129.675

RNAV 1 or RNP 1 or A-RNP equivalent

DME/DME, DME/DME/IRU NA

GPS required

Caution: Uncontrolled VFR TFC within Class E airspace.

During activity of NLFS, alternative instructions will be given by ATC

AARA UTE

AARA VIRGIN

R205C

TRL ATC TA 5000

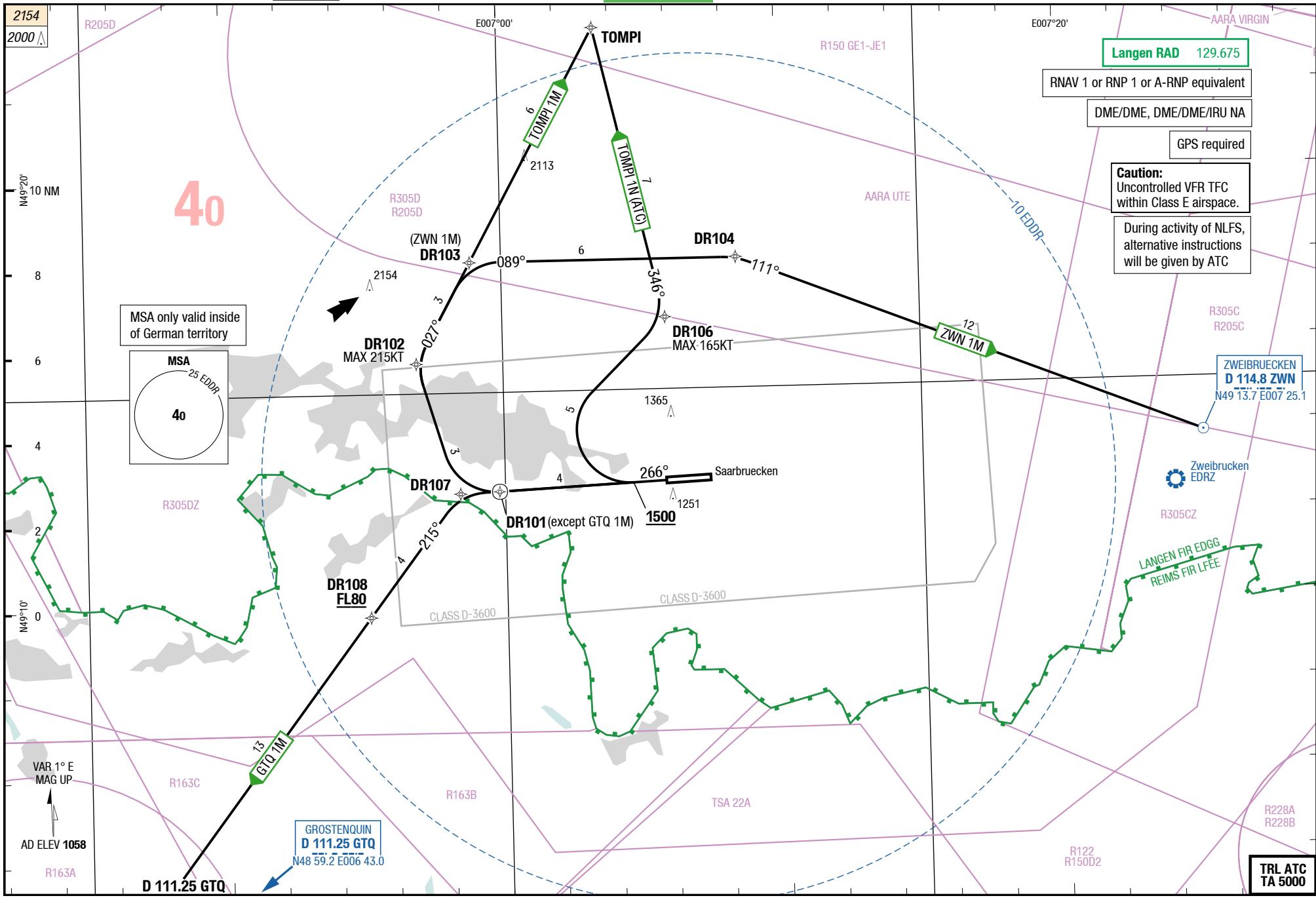
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4-20

RNAV SIDs RWY 27

10

RNAV SIDs RWY 27



Effective 01-MAR-2018

22-FEB-2018

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SIDs RWY 27

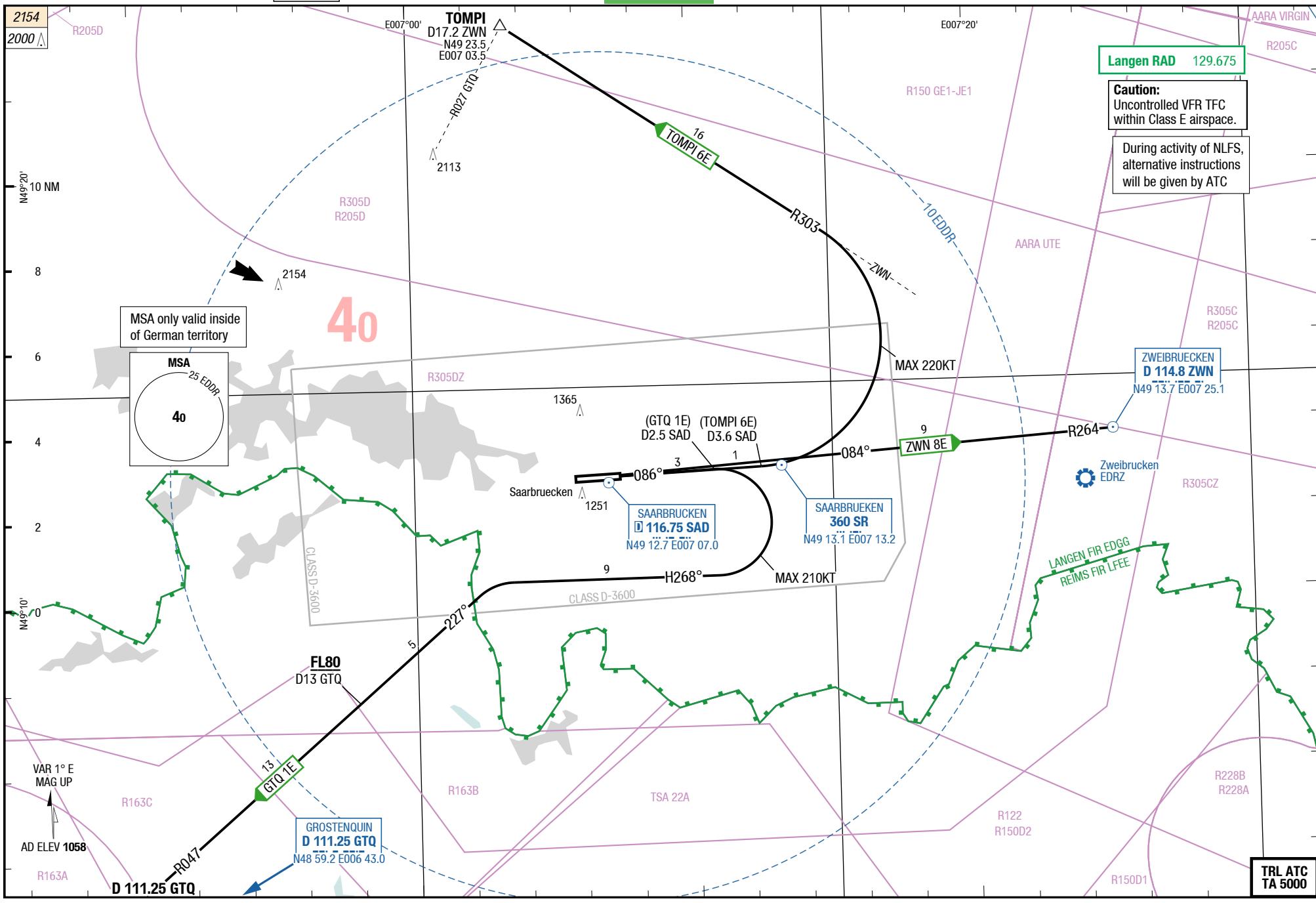
SIDs RWY 09

Saarbruecken Germany

SIDs RWY 27

SIDs RWY 09

4-30



Changes: Completely revised

Effective 01-MAR-2018

22-FEB-2018

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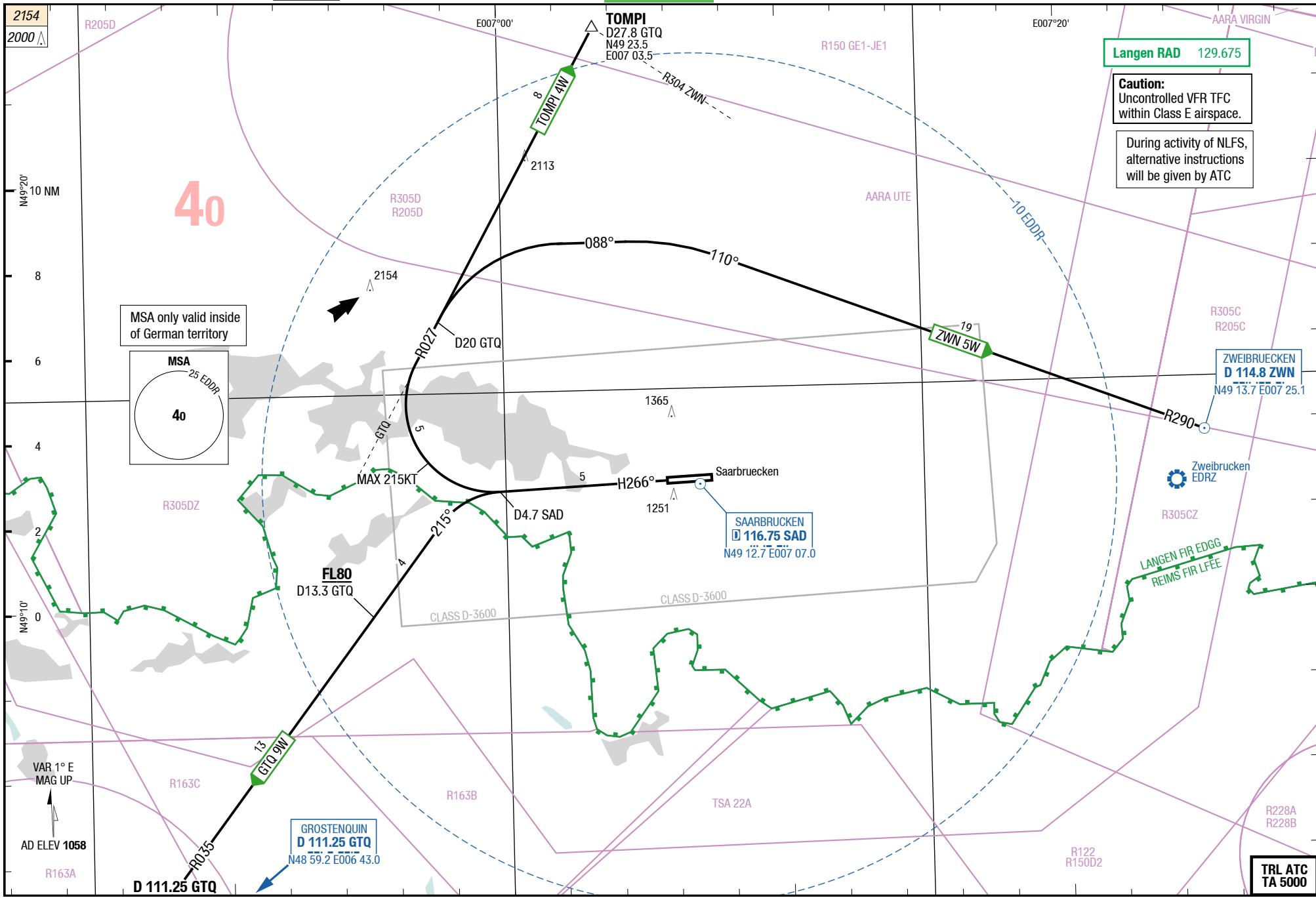
4-40

SIDs RWY 27

SID

Saarbruecken Germany

SIDs RWY 27



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5-10

RNAV SIDs RWY 09

GROSTENQUIN 1L / TOMPI 1K / TOMPI 1L / ZWEIBRUECKEN 1L

RWY 09 (086°)

After take-off, contact Langen RAD.

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100
6.5%	ft/MIN	800	1000	1200	1400	1600	1800
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
Runway 09		
GROSTENQUIN 1L GTQ 1L 6.5% 129.675 ①②	086° [A1500+] - DCT DR200 [R] - DCT DR202 [K210-] - DR203 - DR204 - GTQ	DR204 MNM FL80 initial climb FL80
TOMPI 1K (ATC) 129.675 ②③	086° [A1500+ ;L] - DCT DR207 [K165-] - TOMPI	 initial climb 4000
TOMPI 1L 4.0% to 2300 129.675 ①②	086° [A1500+] - DCT DR201 [L] - DCT DR205 [K220-] - TOMPI	 initial climb 4000
ZWEIBRUECKEN 1L ZWN 1L 7.0% 129.675 ①②	086° [A1500+] - DCT ZWN	 initial climb 4000

① Climb gradient due to airspace structure. If unable to comply, inform ATC prior start-up.

② During activity of NLFS, alternative instructions will be given by ATC.

③ Only for prop/turboprop up to 5.7t MTOW.

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5-20

RNAV SIDs RWY 27

GROSTENQUIN 1M / TOMPI 1M / TOMPI 1N / ZWEIBRUECKEN 1M

RWY 27 (266°)

After take-off, contact Langen RAD.

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000
13.7%	ft/MIN	1700	2100	2500	3000	3400	3800

DESIGNATOR	ROUTING	ALTITUDES
Runway 27		
GROSTENQUIN 1M GTQ 1M 13.7% to FL80 129.675 ①②	266° [A1500+] - DCT DR107 - DR108 - GTQ	DR108 MNM FL80 Initial climb FL80
TOMPI 1M 129.675 ②	266° [A1500+] - DCT <u>DR101</u> [R] - DCT DR102 [K215-] - TOMPI	 Initial climb 4000
TOMPI 1N (ATC) 129.675 ②③	266° [A1500+ ;R] - DCT DR106 [K165-] - TOMPI	 Initial climb 4000
ZWEIBRUECKEN 1M ZWN 1M 3.6% to 5000 129.675 ①②	266° [A1500+] - DCT <u>DR101</u> [R] - DCT DR102 [K215-] - DR103 - DR104 - ZWN	 Initial climb 4000

① Climb gradient due to airspace structure. If unable to comply, inform ATC prior start-up.

② During activity of NLFS, alternative instructions will be given by ATC.

③ Only for prop/turboprop up to 5.7t MTOW.

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SIDs RWY 09

GROSTENQUIN 1E / TOMPI 6E / ZWEIBRUECKEN 8E

RWY 09 (086°)

After take-off, contact Langen RAD.

	GS	120	150	180	210	240	270
4.0%	ft/MIN	500	700	800	900	1000	1100
6.5%	ft/MIN	800	1000	1200	1400	1600	1800
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
GROSTENQUIN 1E GTQ 1E 6.5% 129.675 ①②	QDM 086 SR - at D2.5 SAD RT (MAX 210KT) HDG 268° - LT intercept R047 GTQ to GTQ	D13 GTQ MNM FL80 initial climb FL80
TOMPI 6E 4.0% to 2300 129.675 ①②	QDM 086 SR - at D3.6 SAD LT (MAX 220KT) intercept R303 ZWN to TOMPI	 initial climb 4000
ZWEIBRUECKEN 8E ZWN 8E 7.0% to 3600 129.675 ①②	intercept R264 ZWN to ZWN	 initial climb 4000

① Climb gradient due to airspace structure. If unable to comply, inform ATC prior start-up.

② During activity of NLFS, alternative instructions will be given by ATC.

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SIDs RWY 27

GROSTENQUIN 9W / TOMPI 4W / ZWEIBRUECKEN 5W

RWY 27 (266°)

After take-off, contact Langen RAD.

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000
13.7%	ft/MIN	1700	2100	2500	3000	3400	3800

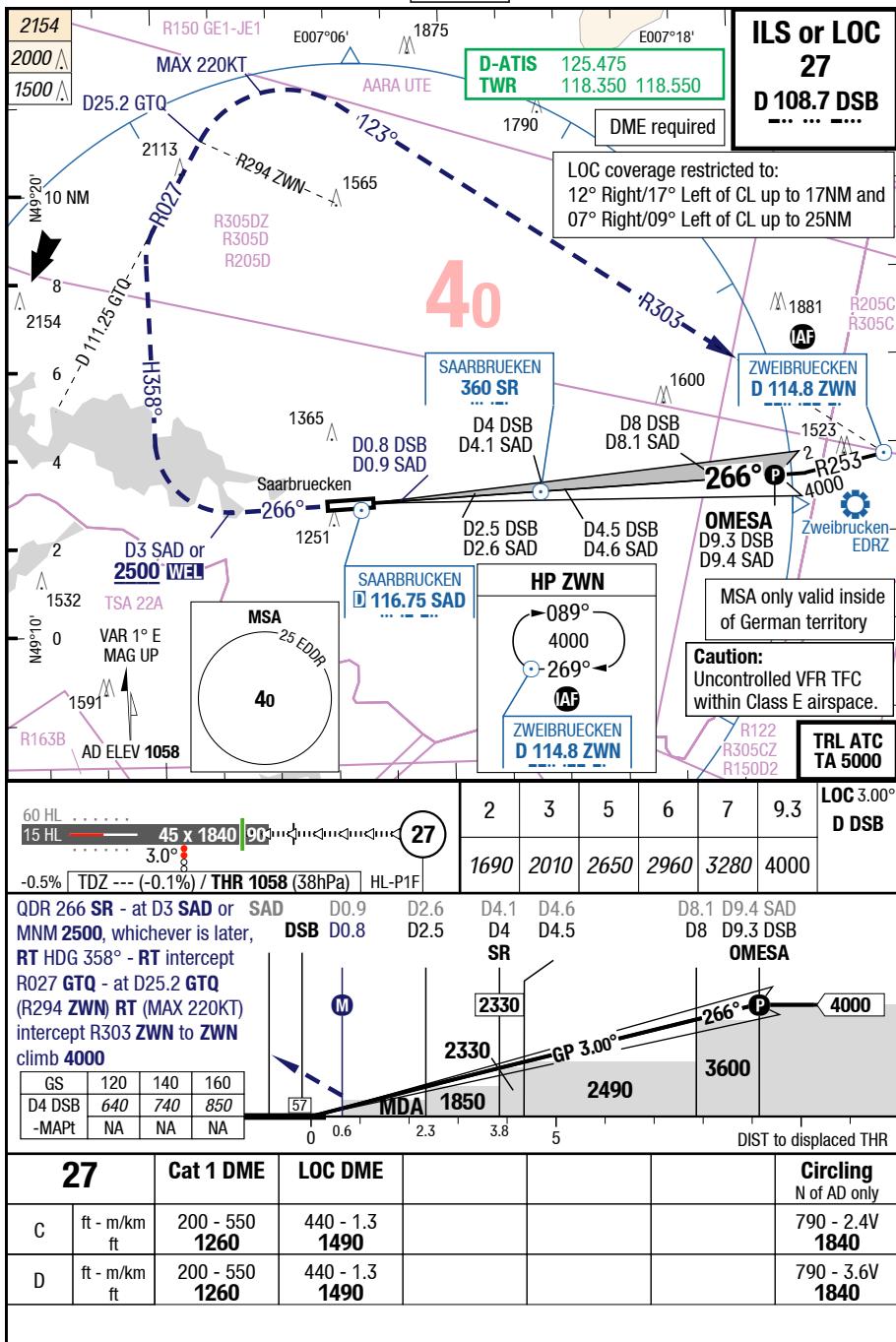
DESIGNATOR	ROUTING	ALTITUDES
Runway 27		
GROSTENQUIN 9W GTQ 9W 13.7% to FL80 129.675 ①②	HDG 266° - at D4.7 SAD LT intercept R035 GTQ to GTQ	D13.3 GTQ MNM FL80 Initial climb FL80
TOMPI 4W 129.675 ②	HDG 266° - at D4.7 SAD RT (MAX 215KT) intercept R027 GTQ to TOMPI	 Initial climb 4000
ZWEIBRUECKEN 5W ZWN 5W 3.6% to 5000 129.675 ①②	HDG 266° - at D4.7 SAD RT (MAX 215KT) intercept R027 GTQ - at D20 GTQ RT HDG 088° - RT intercept R290 ZWN to ZWN	 Initial climb 4000

① Climb gradient due to airspace structure. If unable to comply, inform ATC prior start-up.

② During activity of NLFS, alternative instructions will be given by ATC.

7-10

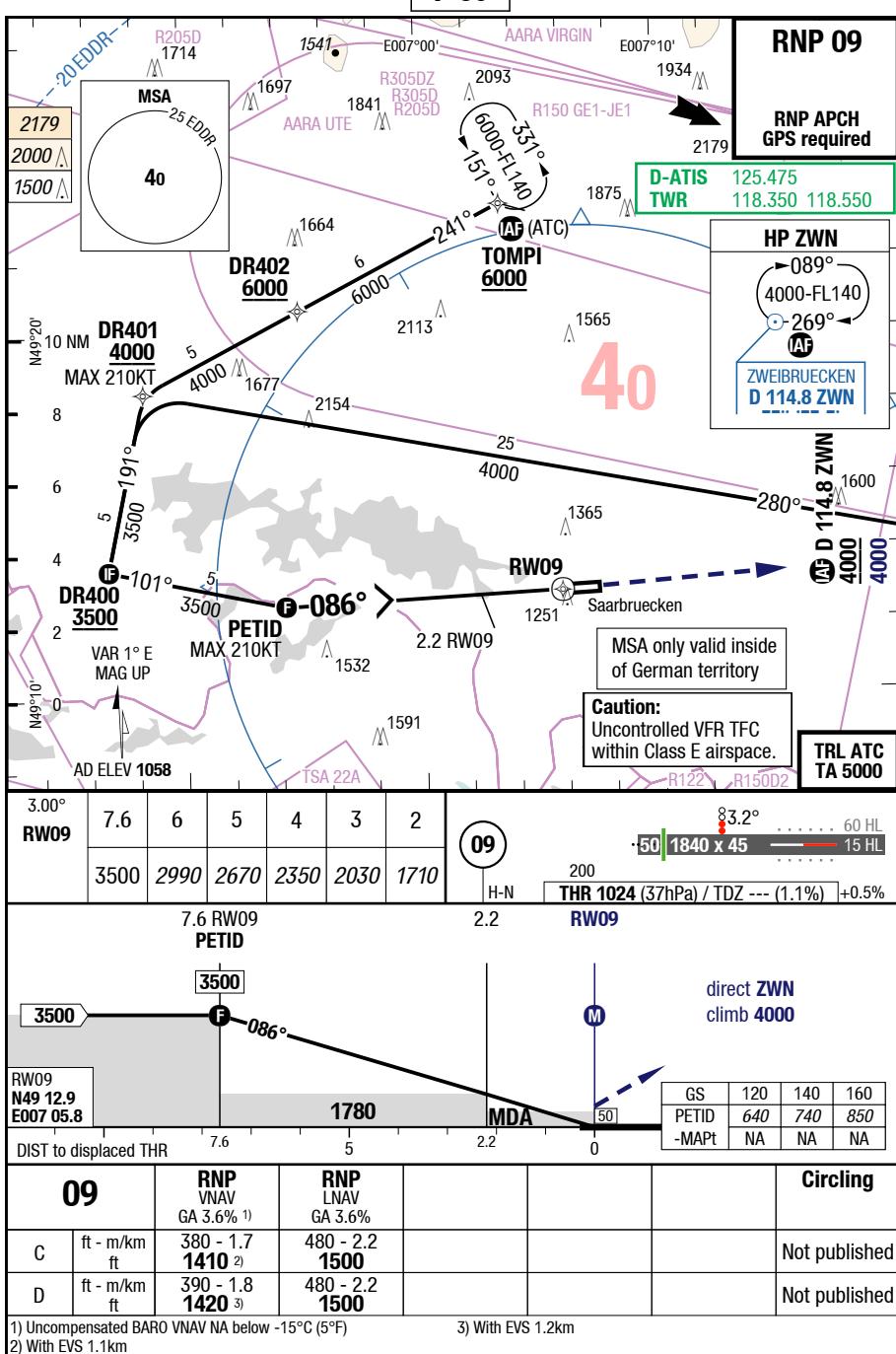
ILS or LOC 27



SCN-EDDR

7-30

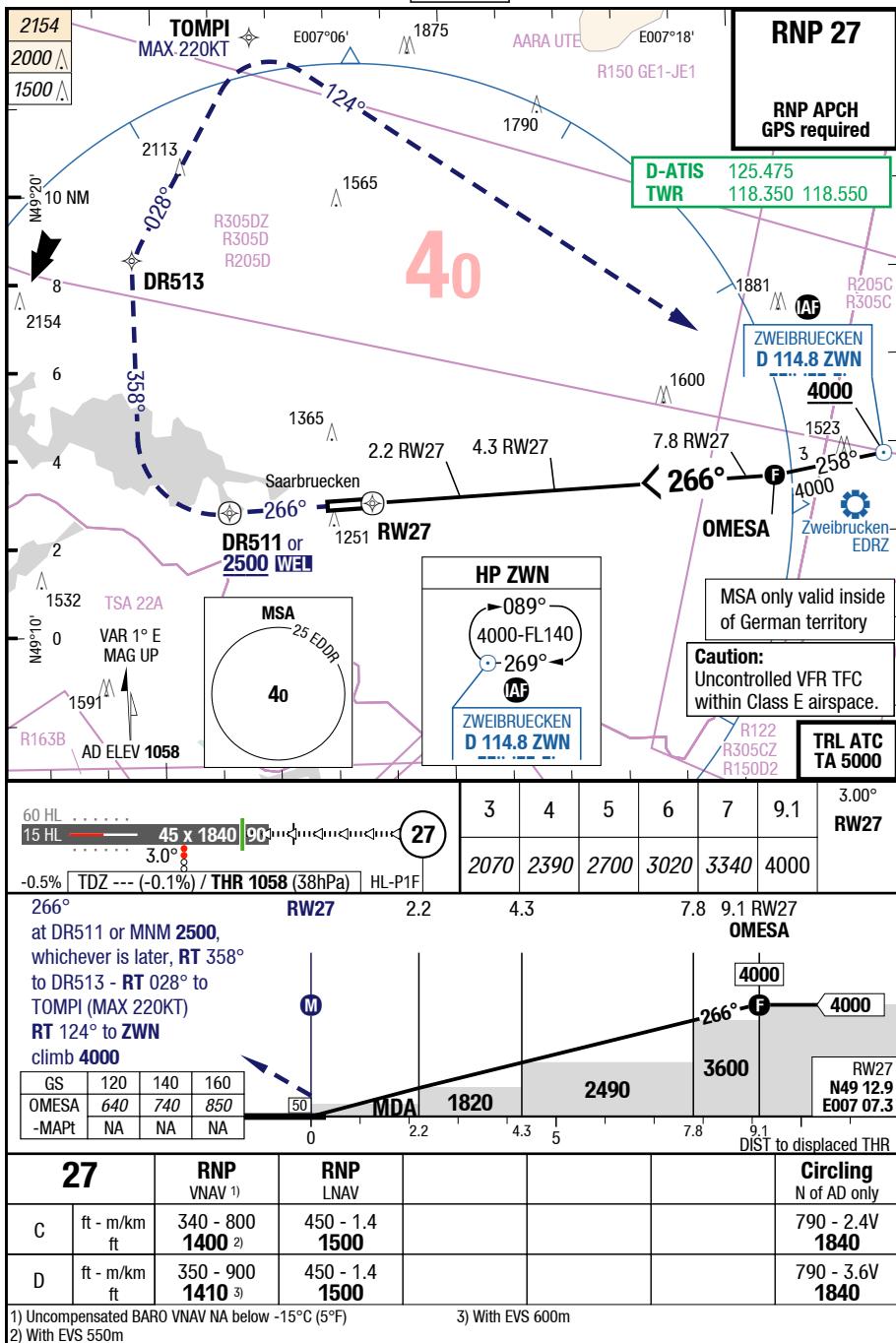
RNP 09



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RNP 27



1) Uncompensated BARO VNAV NA below -15°C (5°F)

3) With EVS 600m

2) With EVS 550m

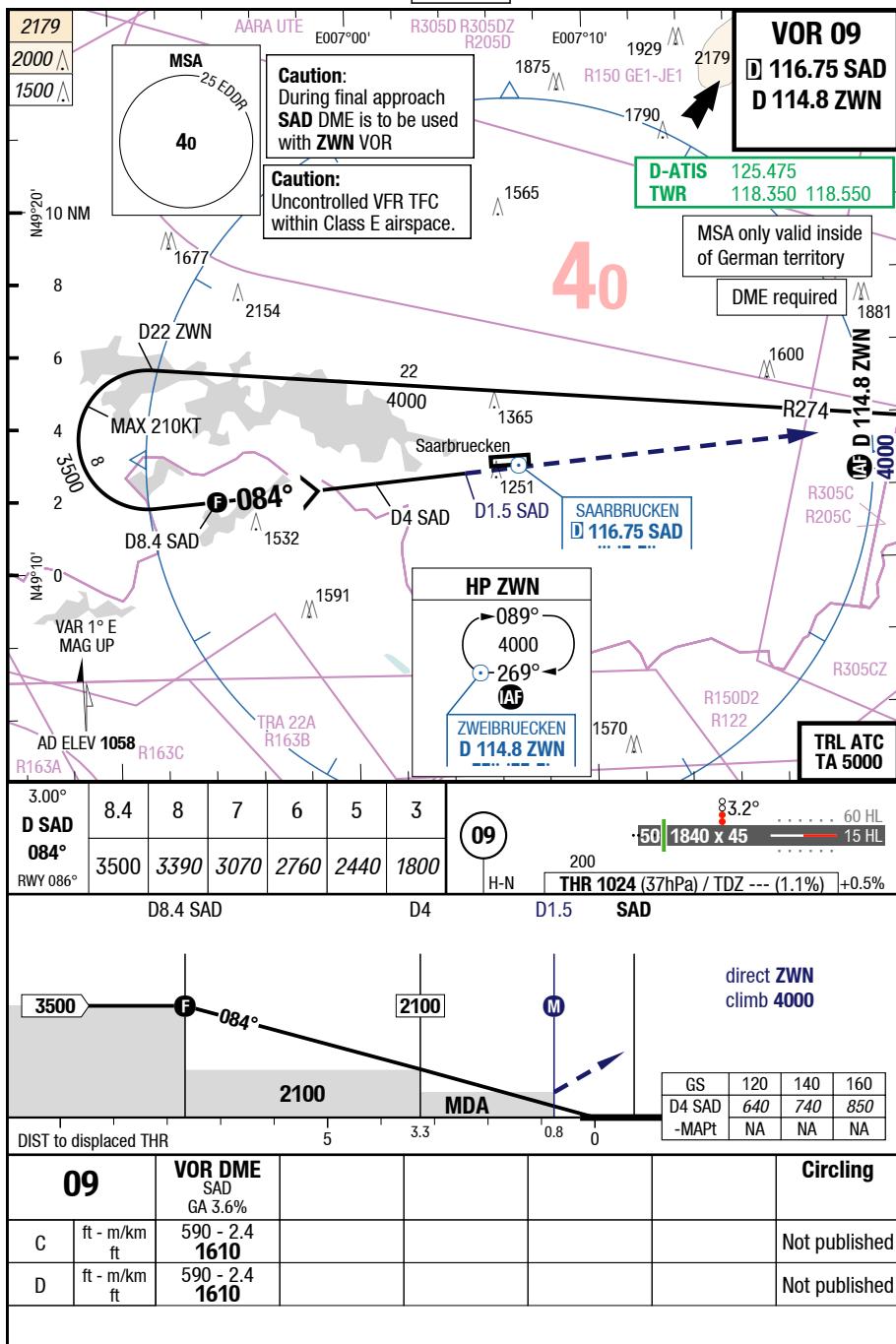
Changes: Completely revised

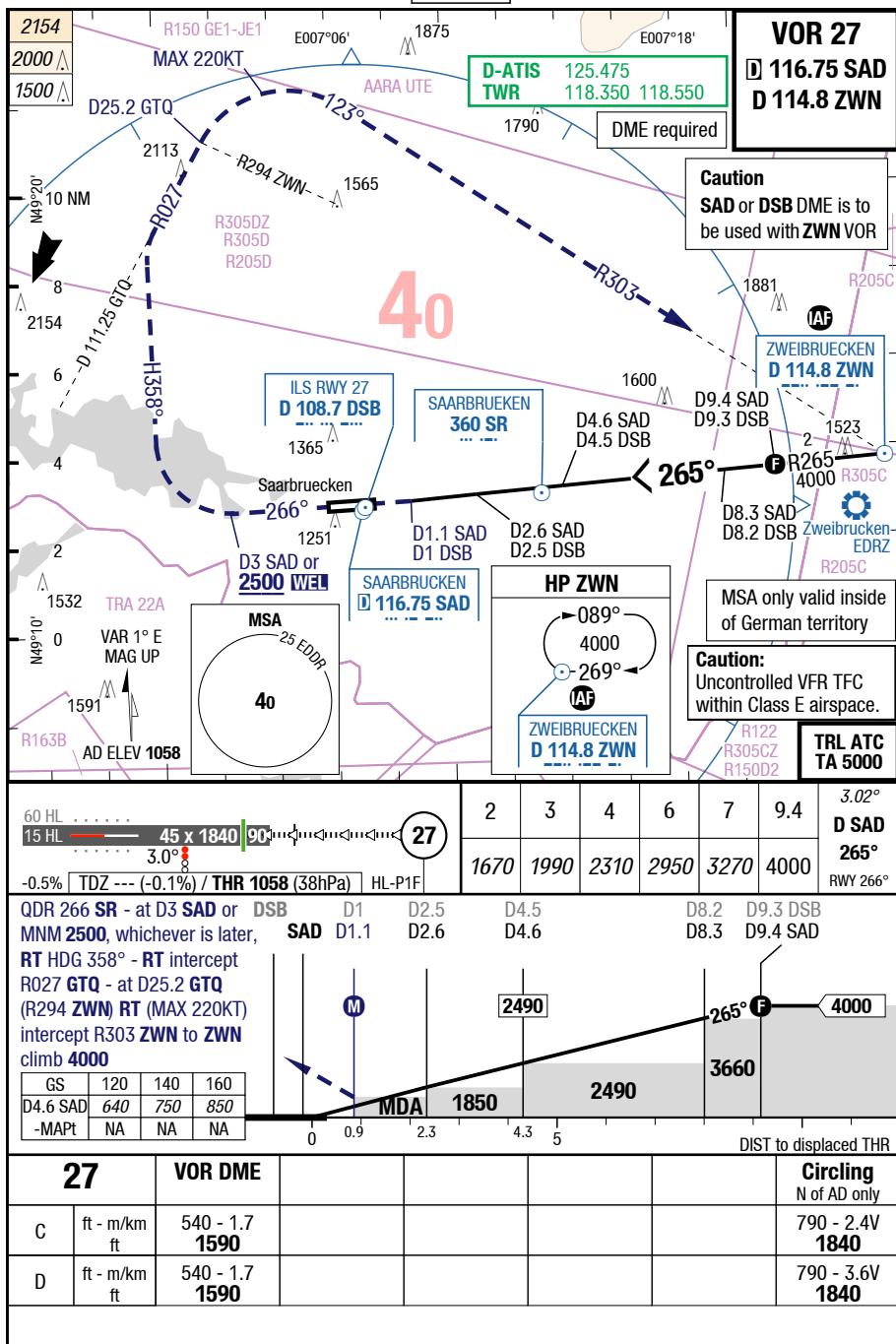
21-JUN-2018

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VOR 09





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NDB 27

