

30-MAR-2017

GKE-ETNG

1-10

AOI

AOI

GENERAL**Operational Hours****ATS Hours:** HO**AD Operator Hours:** MON-FRI 0700-2100‡. PPR 24HR. CLSD HOL.**Airport Information****RFF:** CAT 9**Fuel:** F - 34**PCN:** RWY 09/27: 65/R/B/W/T**Operation****TWY Restriction**

TWY south between hammerhead west and intersection B CLSD.

Warnings

No stairway for Airbus, B747 etc. AVBL.

In case Geilenkirchen is planned as alternate, PPR-procedure applies.

- PPR will only be granted for VIP, direct support for E - 3A Component, and essential support of national and tenant units.
- Prior landing, VIP flights shall contact command post (Callsign MAGIC COMMAND).

SAT, SUN and HOL from SR till SS: Light ACFT, model ACFT and glider flying radius 3NM of AD.

ARRIVAL**Communication****COM Failure:** See CRAR Germany.**Arrival Procedure****Non-standard GP Antenna Position RWY 27**

GP intercepts RWY 27 at 308m / 1011ft after landing threshold.

Remaining LDG DIST beyond GP is 2592m / 8503ft.

DEPARTURE**Take-off Minima**

RWY		09/27	
All ACFT	ft - m/km	0 - 400V	HJ only
		0 - 800V	HN

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

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Germany Geilenkirchen

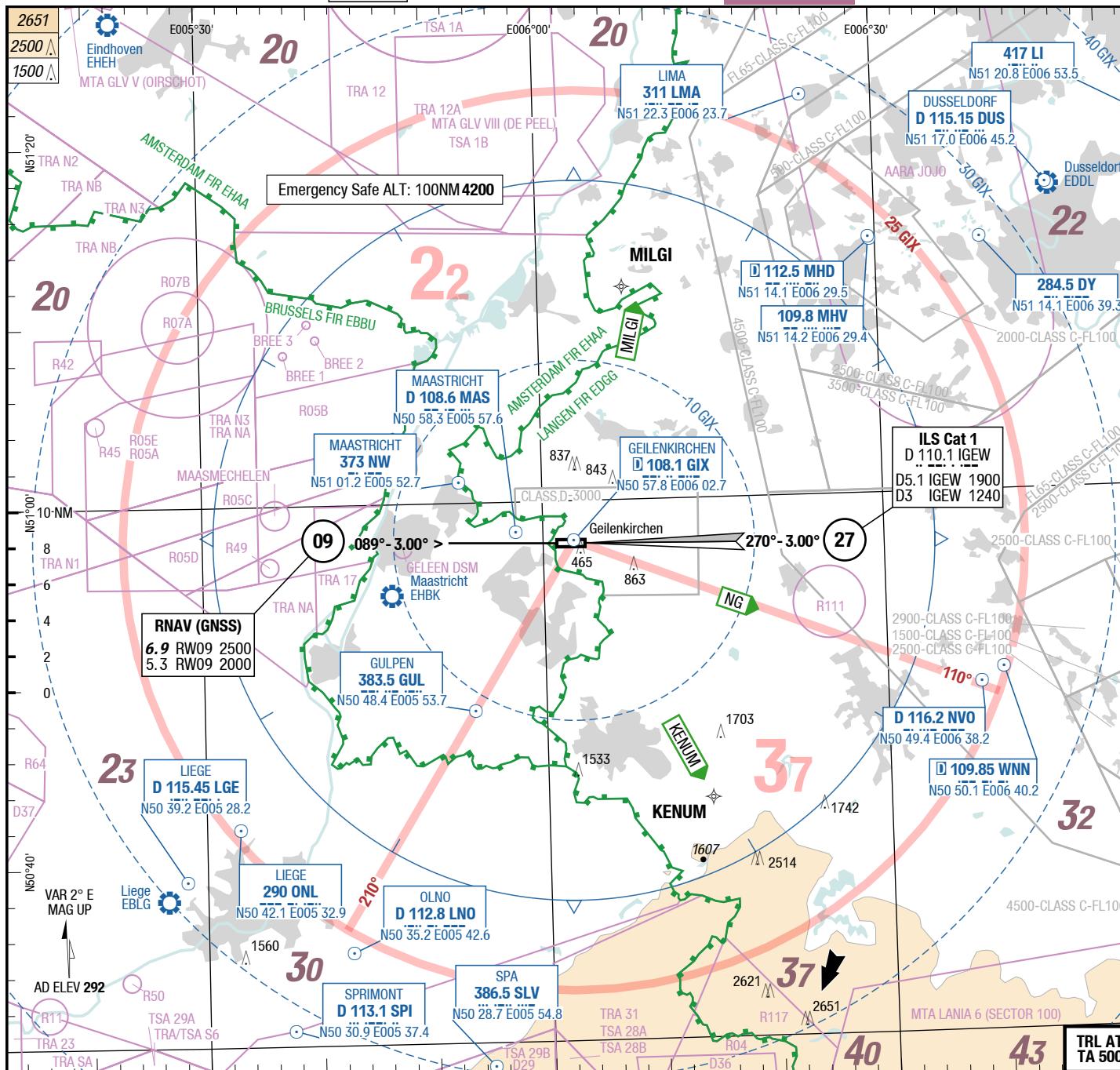
AGC
AFC

Geilenkirchen Germany

AF

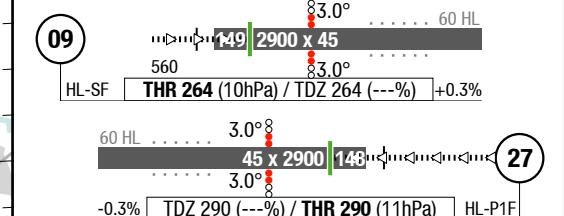
GKE-ETNG

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Frisbee RAD	123.725	HO
	123.300	HO
Beek RAD	123.980	
Langen RAD	128.500	
Frisbee TWR	122.100	HO
	120.050	HO

Landing RWY system:



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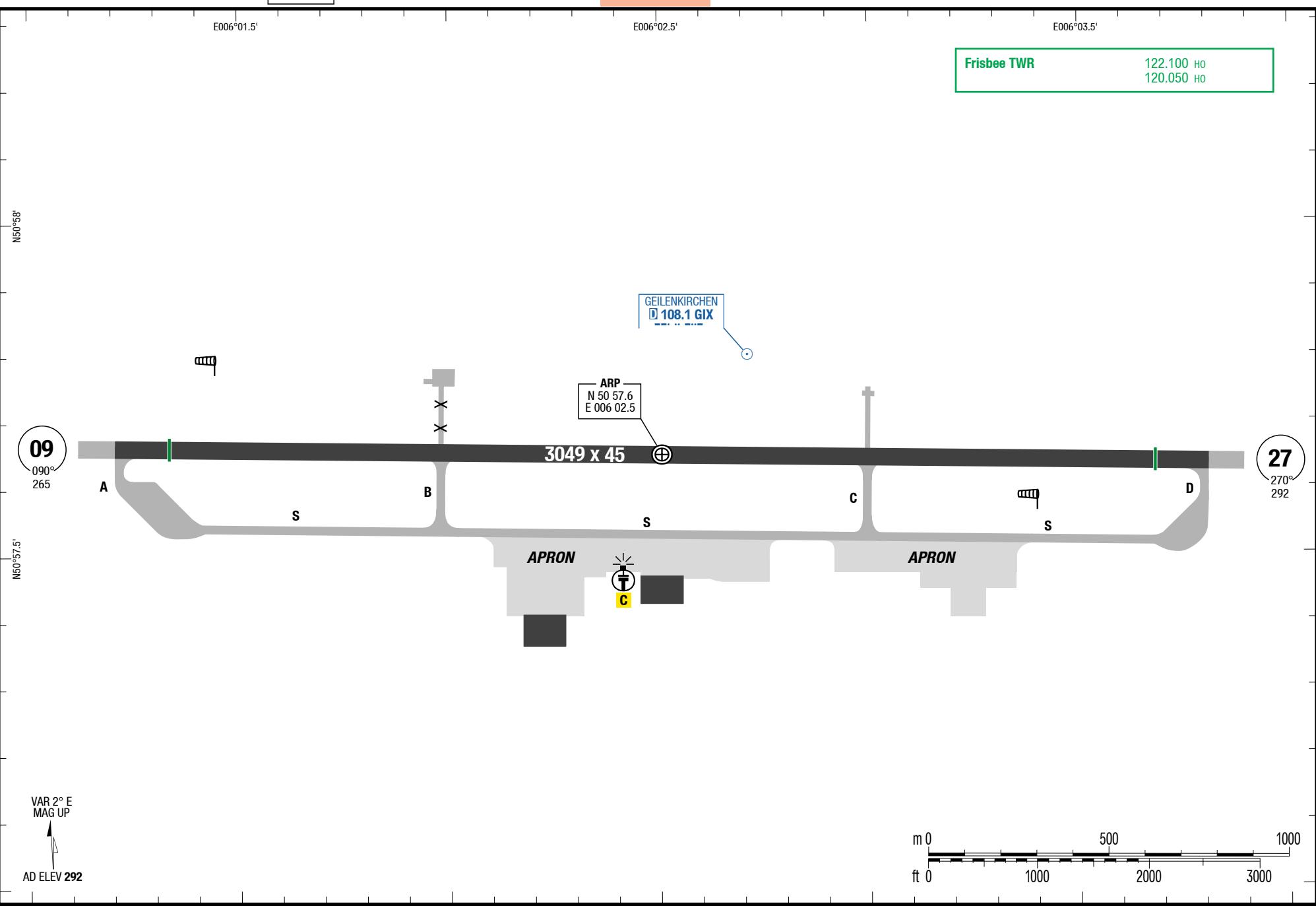
E006°01.5'

E006°02.5'

E006°03.5'

Frisbee TWR

122.100 HO
120.050 HO



Changes: TWY CLSD

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Germany **Geilenkirchen**

SIDS RWY 09

Geilenkirchen Germany

SIDs RWY 09
RNAV SIDs

4-10

20

Kleine Brogel EBBL R07B
R07A

AMSTERDAM FIR EHAA
BRUSSELS FIR EBBU

BREE 3
BREE 2
BREE 1

TRA NA TRA NB TRA N3

2078 1500 1000 800 600 400 200

R05E R05A
R05D
R49
R05C
MAASMECHELEN
TRA 17
GELEEN DSM
Maastricht EHBK
10 ETNG
25 ETNG

2078 1500 1000 800 600 400 200

2000-CLASS C-FL100
2500-CLASS C-FL100
4500-CLASS C-FL100
3500-CLASS C-FL100
2500-CLASS C-FL100
2500-CLASS C-FL100
110°

E006°00' E006°30'

MILGI

22

GNSS required DME/DME NA
RNAV 1 required
Departure turn MAX 220KT
Caution Close-in obstacles

Frisbee RAD 123.725 123.300
Langen RAD 128.500
Beek RAD 123.980

22

837 843

Geilenkirchen
NG427 2000
NG490 2100
CLASS D-3000

5 6

269 094° 465 863 1703 1742

17 MIL GI 1A
16 MIL GI 1B
15 KENUM 1A
20 KENUM 1B

37

1000 800 600 400 200

1533 LANGEN FIR EDGG BRUSSELS FIR EBBU

2078 1500 1000 800 600 400 200

AARA JOJO

Norvenich ETNN

2078 1500 1000 800 600 400 200

2000-CLASS C-FL100
2500-CLASS C-FL100
4500-CLASS C-FL100
3500-CLASS C-FL100
2500-CLASS C-FL100
2500-CLASS C-FL100
110°

2078 1500 1000 800 600 400 200

2000-CLASS C-FL100
2500-CLASS C-FL100
4500-CLASS C-FL100
3500-CLASS C-FL100
2500-CLASS C-FL100
2500-CLASS C-FL100
110°

32

TRL ATC TA 5000

Changes: MSA, MGA, SUAs

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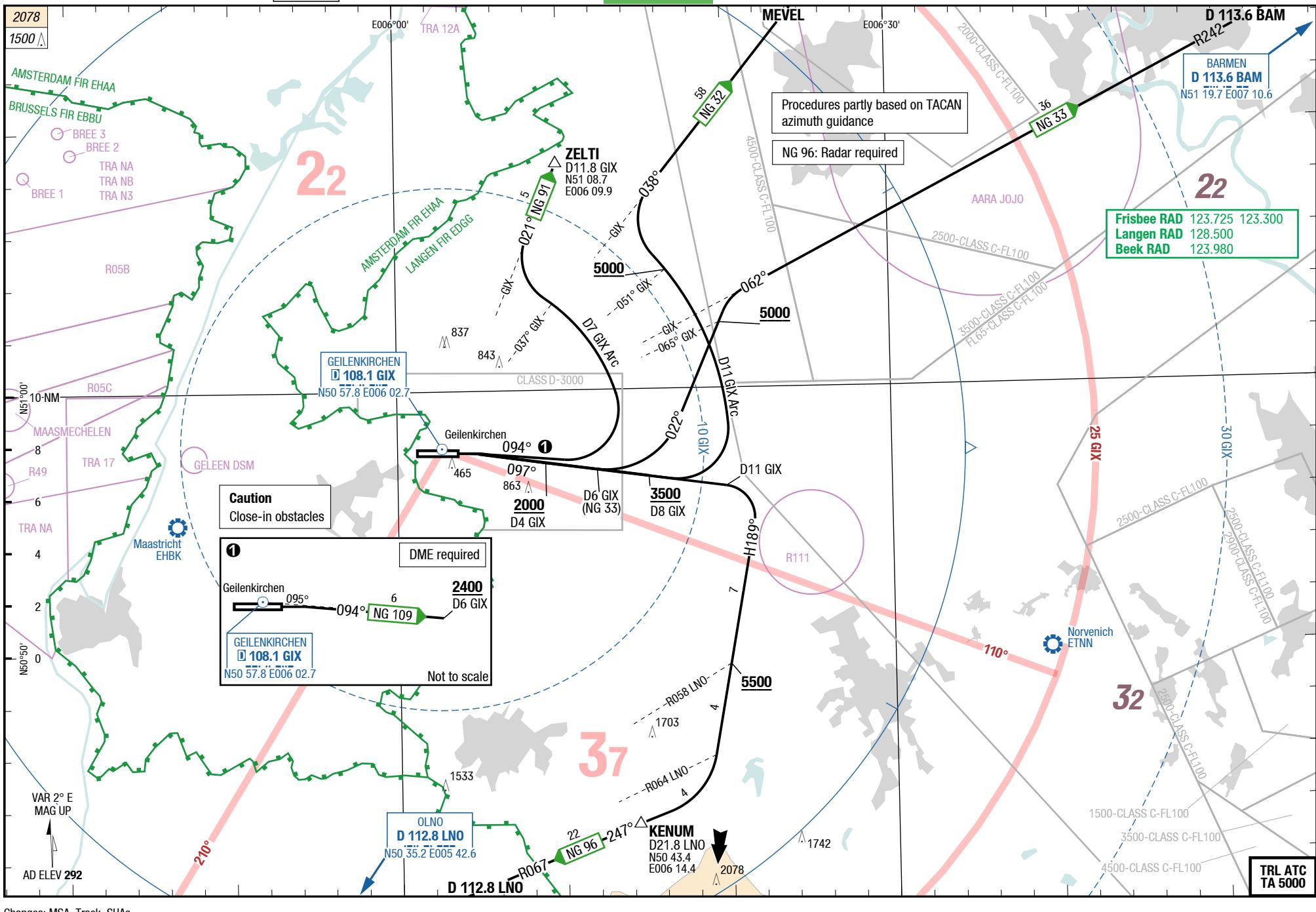
Germany Geilenkirchen

SIDs RWY 09

Geilenkirchen Germany

SIDs RWY 09

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Germany Geilenkirchen

SIDs RWY 27

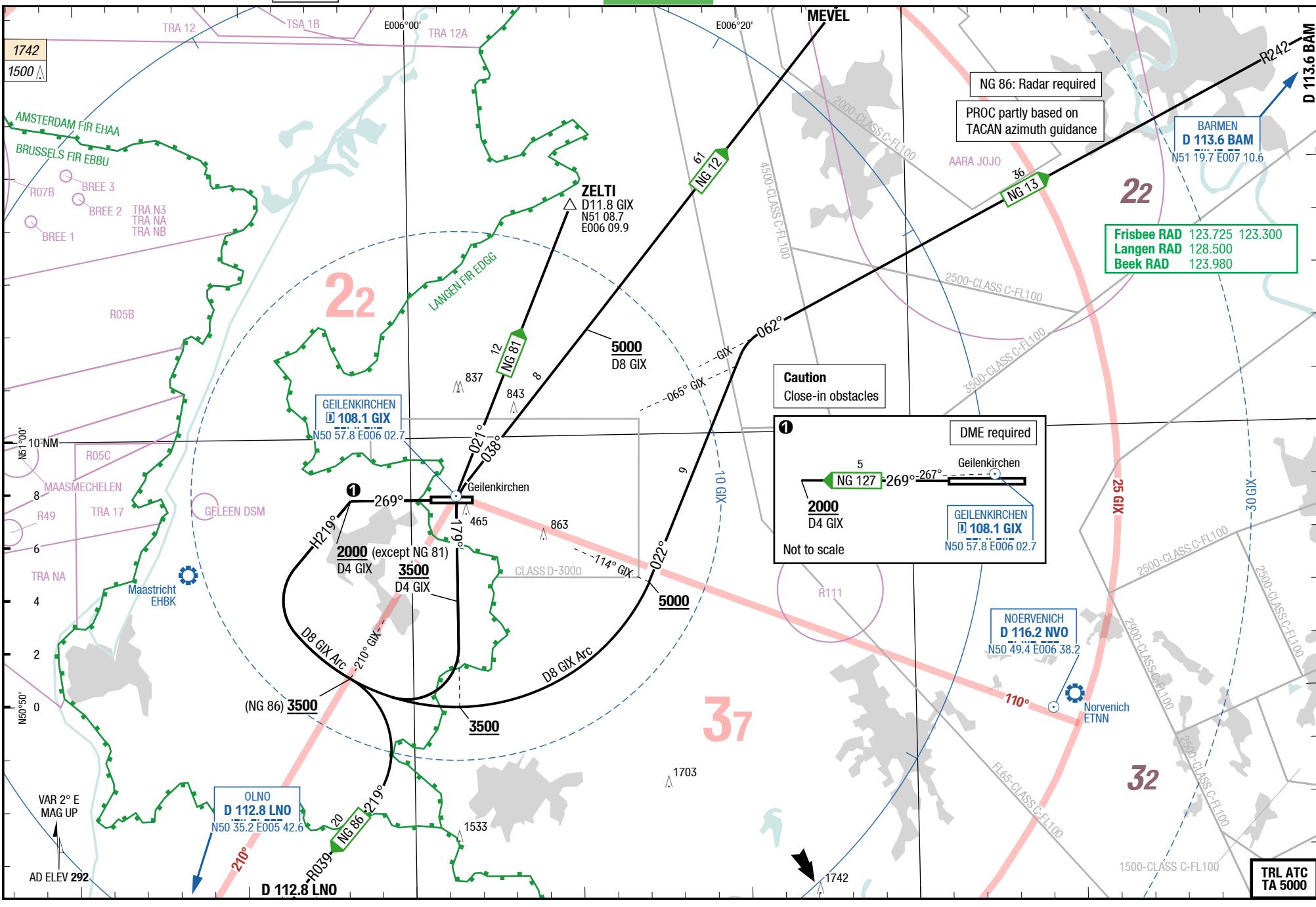
Geilenkirchen Germany

SID

SID

SIDs RWY 27

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KENUM 1B / MILGI 1B / KENUM 1A / MILGI 1A

RWYs 09 (090°) / 27 (270°)

DESIGNATOR	ROUTING	ALTITUDES
Runway 09		
KENUM 1B 123.725 ①	094° - at NG490 RT (MAX 220KT) direct KENUM FMS NG490 [K220- ;R] - KENUM	NG490 MNM 2100 NG490 MNM 2100
MILGI 1B 123.725 ①	094° - at NG490 LT (MAX 220KT) direct MILGI FMS NG490 [K220- ;L] - MILGI	NG490 MNM 2100 NG490 MNM 2100
Runway 27		
KENUM 1A 123.725 ②	269° - at NG427 LT (MAX 220KT) direct KENUM FMS NG427 [K220- ;L] - KENUM	NG427 MNM 2000 NG427 MNM 2000
MILGI 1A 123.725 ②	269° - at NG427 RT (MAX 220KT) direct MILGI FMS NG427 [K220- ;R] - MILGI	NG427 MNM 2000 NG427 MNM 2000

① Close-in obstacles: Trees located 1000m behind end of RWY 09, 480m north of centerline ALT 402ft

② Close-in obstacles: Trees located 165m behind end of RWY 27 180m north of centerline ALT 302ft. Trees located 420m behind end of RWY 27 261m north of centerline ALT 317ft. Trees located 390m behind end of RWY 27 145m south of centerline ALT 323ft. Trees located 275m behind end of RWY 27 480m south of centerline ALT 329ft.

NG 109 / NG 32 / NG 33 / NG 91 / NG 96

RWY 09 (090°)

	GS	120	150	180	210	240	270
4.5%	ft/MIN	600	700	900	1000	1100	1300
6.5%	ft/MIN	800	1000	1200	1400	1600	1800
8.2%	ft/MIN	1000	1300	1500	1800	2000	2300

DESIGNATOR	ROUTING	ALTITUDES
Runway 09		
NG 109 6.5% to 2400 123.725 ①②	094° (095° GIX) to D6 GIX - follow ATC instructions	D6 GIX MNM 2400
NG 32 8.2% to 2000 123.725 ①②	097° GIX - at D8 GIX LT - follow D11 GIX Arc - crossing 051° GIX RT intercept 038° GIX to MEVEL	D4 GIX MNM 2000 D8 GIX MNM 3500 051° GIX MNM 5000
NG 33 8.2% to 2000 123.725 ①②	097° GIX - at D6 GIX LT 022° - crossing 065° GIX RT intercept 062° GIX to BAM	D4 GIX MNM 2000 065° GIX MNM 5000
NG 91 123.725	094° GIX to intercept and follow D7 GIX Arc - crossing 037° GIX RT intercept 021° GIX to ZELT	
NG 96 8.2% to 2000 4.5% to 5000 123.725 ①②	097° GIX - at D11 GIX RT HDG 189° - crossing R064 LNO RT intercept R067 LNO to LNO	D4 GIX MNM 2000 R058 LNO MNM 5500

① Climb gradient due to ATC reasons.

② Close-in obstacles: Trees located 1000m behind end of RWY 09, 480m north of centerline ALT 402ft

NG 12 / NG 127 / NG 13 / NG 81 / NG 86

RWY 27 (270°)

	GS	120	150	180	210	240	270
9.0%	ft/MIN	1100	1400	1700	2000	2200	2500
9.2%	ft/MIN	1200	1400	1700	2000	2300	2600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
NG 12 9.0% to 2000 123.725 ①②	269° (267° GIX) - at D4 GIX LT HDG 219° - follow D8 GIX Arc - crossing 210° GIX LT intercept 179° GIX to GIX - 038° GIX to MEVEL	D4 GIX MNM 2000 179°/D4 GIX MNM 3500 038°/D8 GIX MNM 5000
NG 127 9.2% to 2000 123.725 ①②	269° (267° GIX) to D4 GIX - follow ATC instructions	D4 GIX MNM 2000
NG 13 9.0% to 2000 123.725 ①②	269° (267° GIX) - at D4 GIX LT HDG 219° - follow D8 GIX Arc - crossing 114° GIX proceed on track 022° - crossing 065° GIX RT 062° GIX to BAM	D4 GIX MNM 2000 179° GIX MNM 3500 114° GIX MNM 5000
NG 81 123.725 ③	269° (267° GIX) - at D4 GIX LT HDG 219° - follow D8 GIX Arc - crossing 210° GIX LT intercept 179° GIX to GIX - 021° GIX to ZELTI	
NG 86 9.0% to 2000 123.725 ①②	269° (267° GIX) - at D4 GIX LT HDG 219° - follow D8 GIX Arc - crossing 210° GIX RT intercept R039 LNO to LNO	D4 GIX MNM 2000 210° GIX MNM 3500

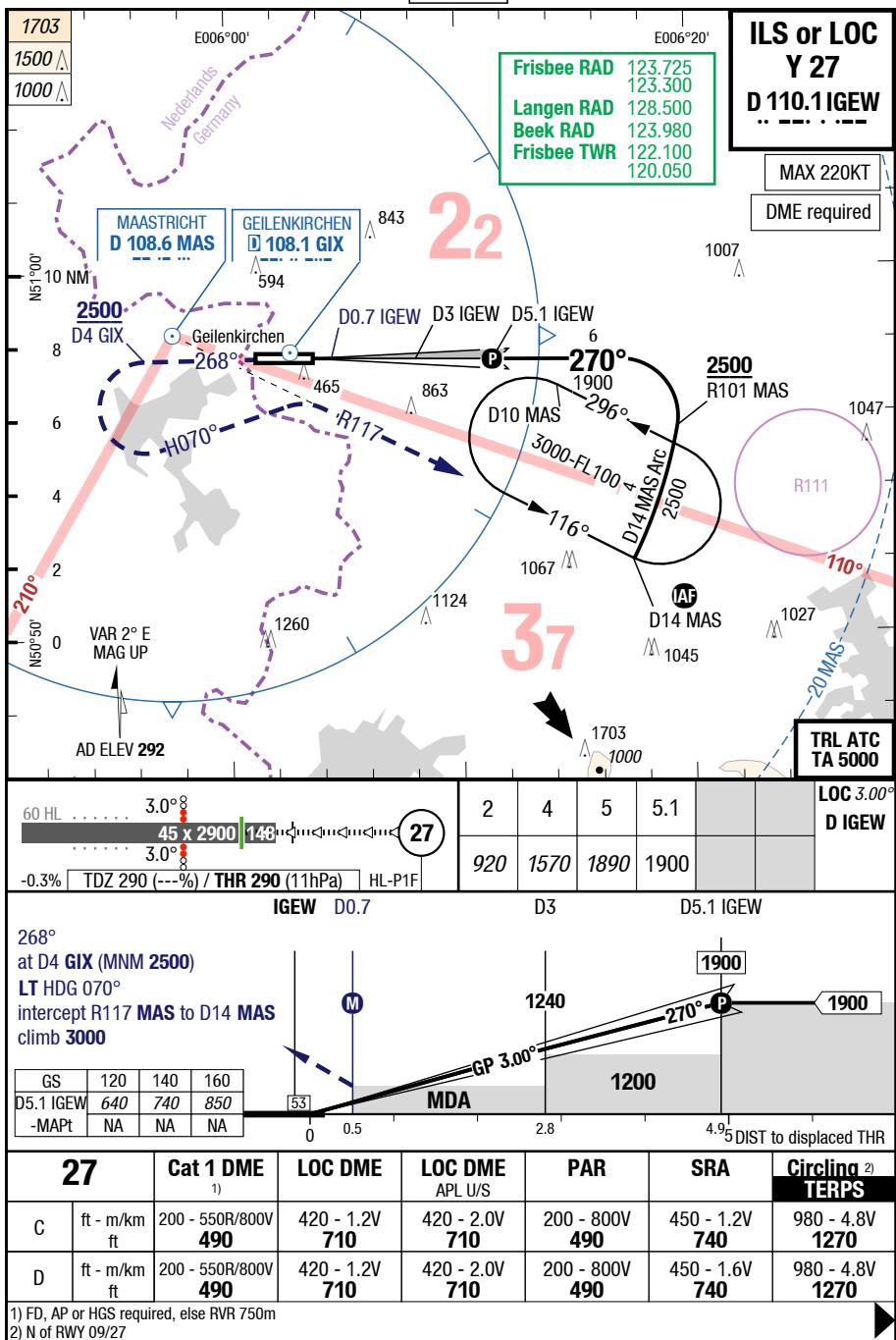
① Climb gradient due to ATC reasons.

② Close-in obstacles: Trees located 165m behind end of RWY 27 180m north of centerline ALT 302ft. Trees located 420m behind end of RWY 27 261m north of centerline ALT 317ft. Trees located 390m behind end of RWY 27 145m south of centerline ALT 323ft. Trees located 275m behind end of RWY 27 480m south of centerline ALT 329ft.

③ Close-in obstacles: Trees located 418m behind end of RWY 27, 261m north of centerline ALT 317ft.

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ILS or LOC Y 27



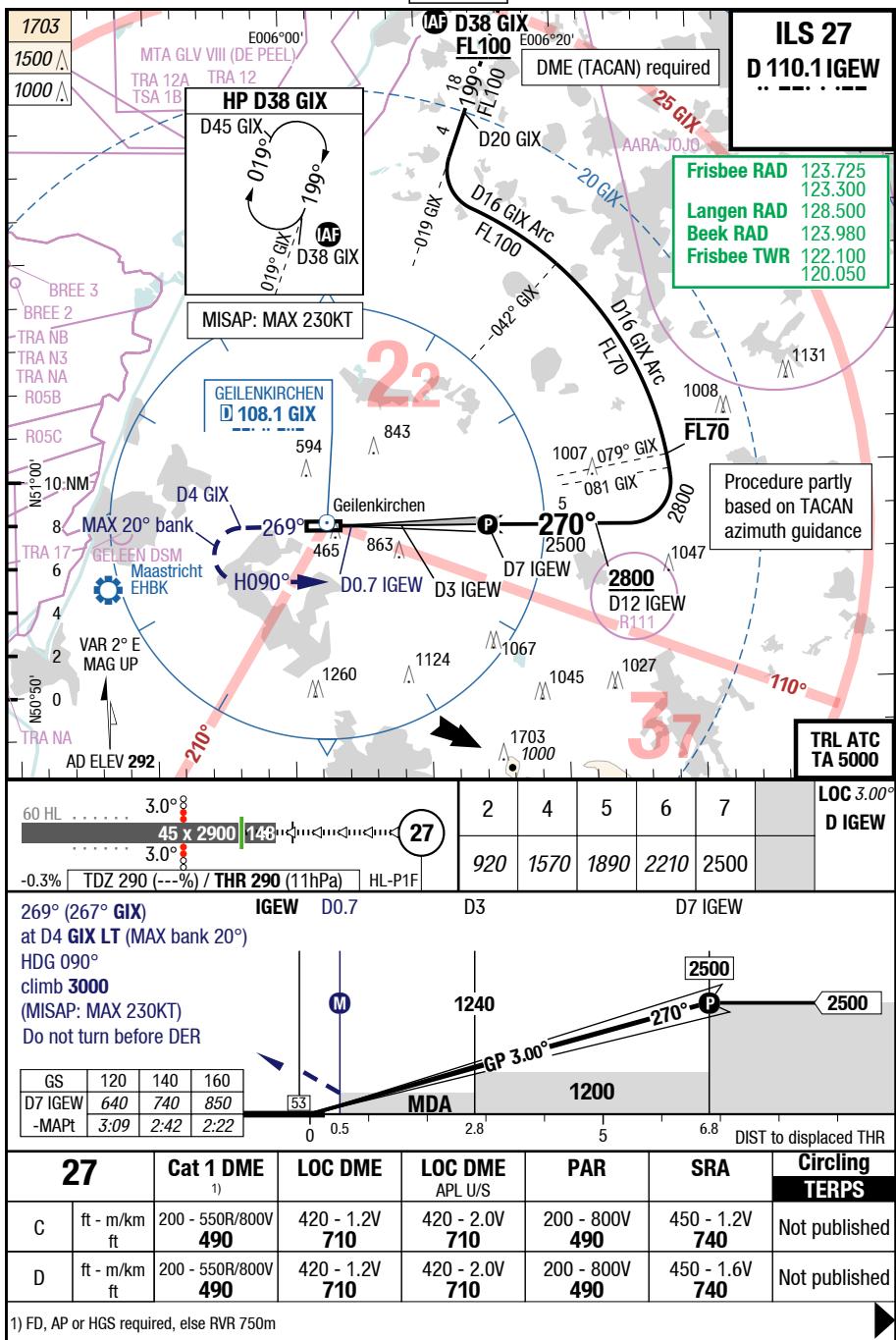
Changes: MSA, OBST

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ILS 27



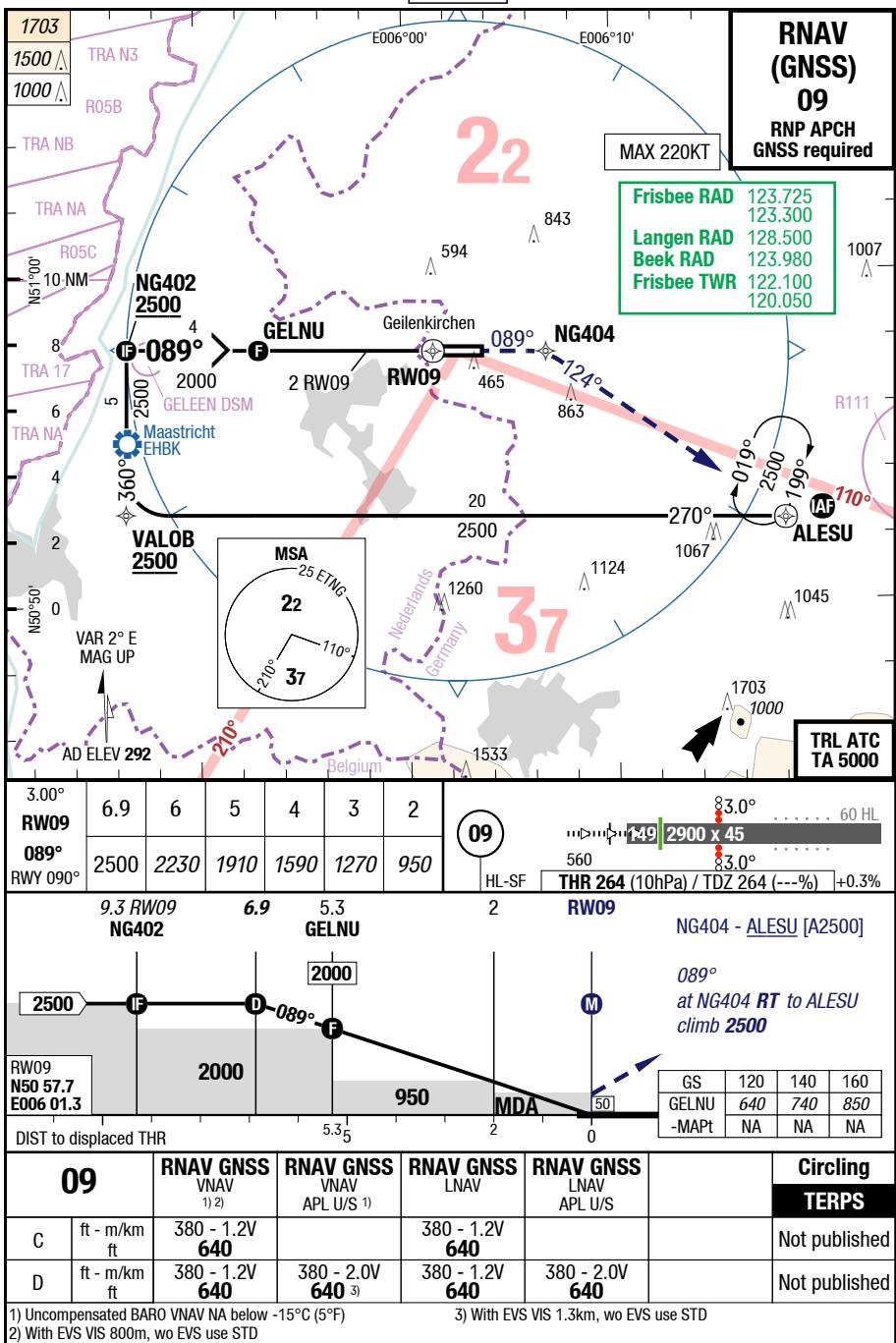
Changes: MSA, OBST, MISAP text

Germany **Geilenkirchen**

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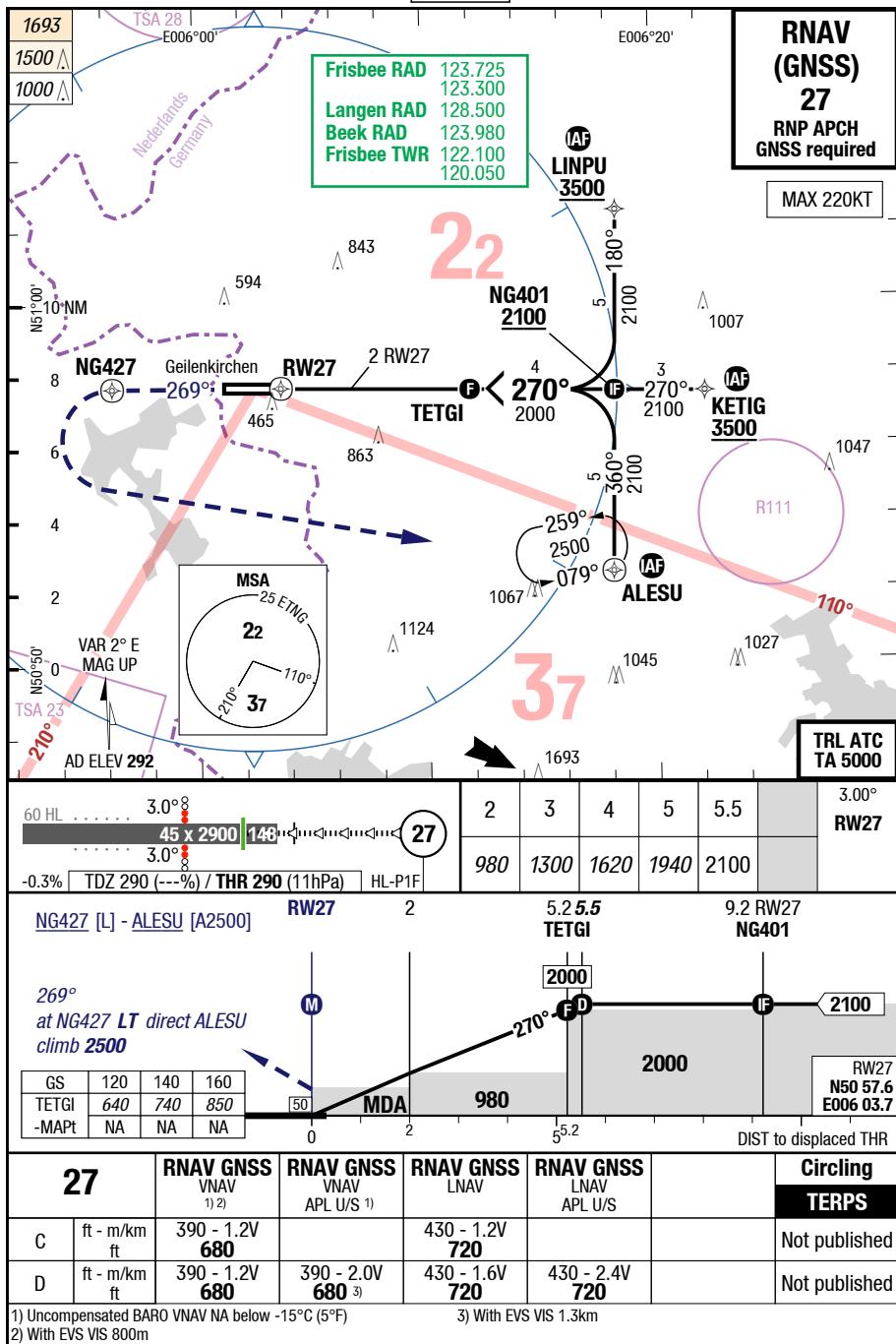
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RNAV (GNSS) 09



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RNAV (GNSS) 27



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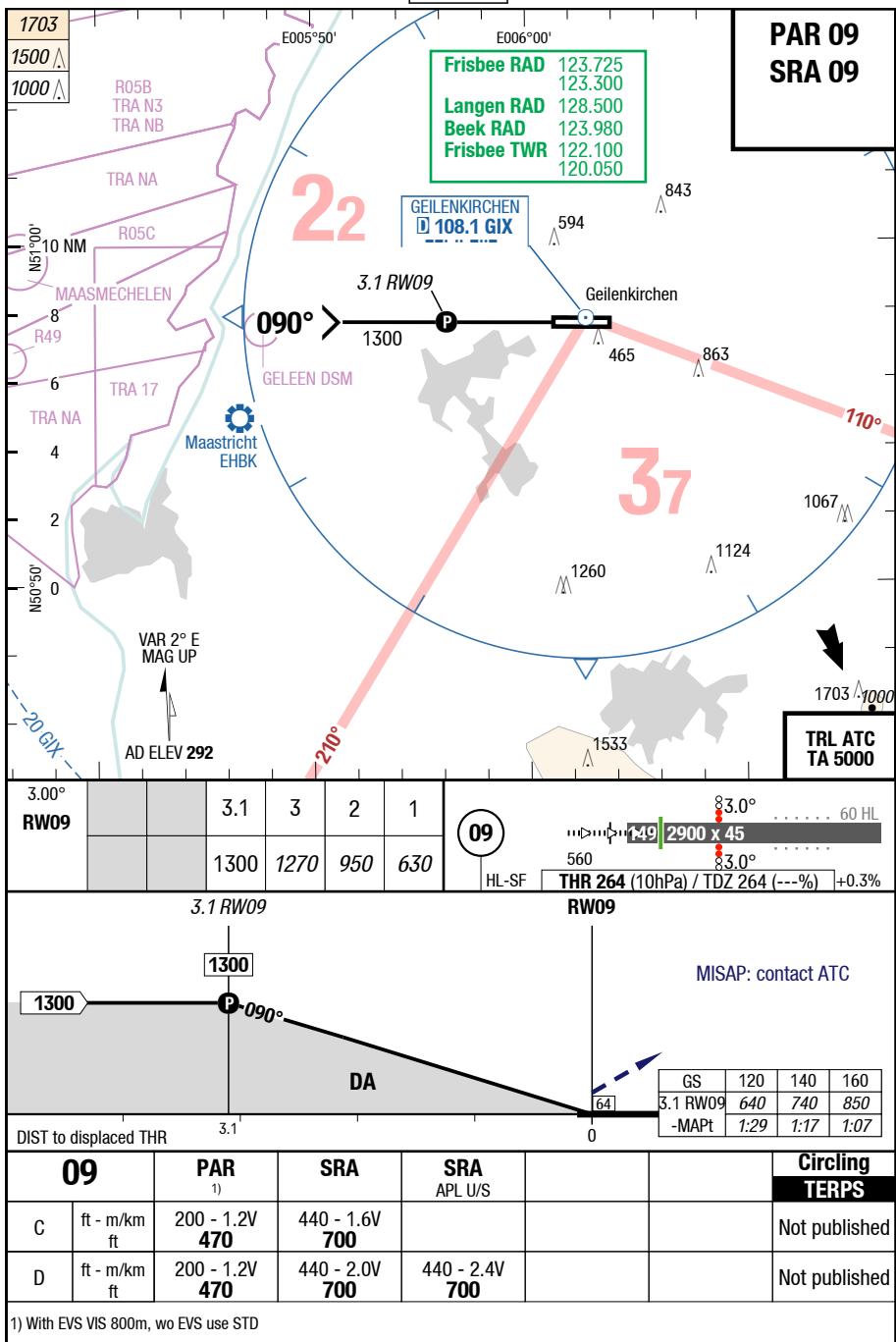
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Germany Geilenkirchen

IAC

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PAR 09 / SRA 09

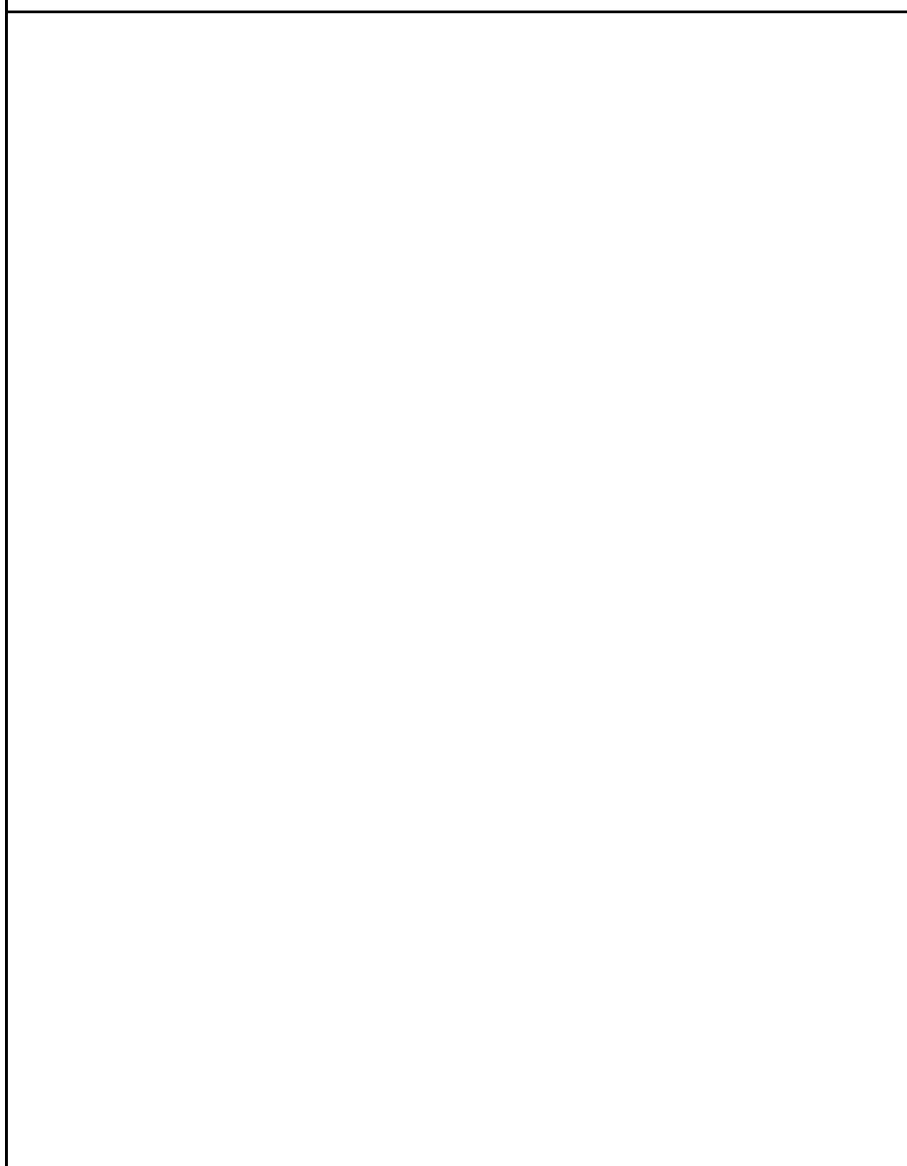


Changes: MSA, SUAs, OBST

GKE-ETNG**7-70****WxMinima Overflow**

27		SRA APL U/S					Circling¹⁾ TERPS
C	ft - m/km ft						Not published
D	ft - m/km ft	450 - 2,4V 740					Not published

1) RADAR



17-AUG-2017

GKE-ETNG

Germany Geilenkirchen

MRC
NIL
MRC

Geilenkirchen Germany

MRC
NIL
MRC

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