

08-JUN-2017

BRE-EDDW

1-10

AOI

AOI

**GENERAL****Operational Hours****ATS Hours:** 0445-2300‡, O/R: MON-FRI: 2300-0445‡.**AD OPS Hours:** MON 0500 - SAT 2230‡, SUN 0500 - 2230‡.**Night Restriction:** No TKOF/LDG 2130-0500‡.

Exception:

- Delayed LDG until 2300‡
- Emergency

**Airport Information****RFF:** CAT 7, CAT 8 or 9 AVBL O/R**Fuel:** 0400-2200‡**PCN:** RWY 09/27: 80/F/B/X/T**Customs:** 0530-2200‡; O/T PPR.**Operation****Traffic Note**

| AD may not be used as planned ALTN between 2300-0445‡. The PPR regulation will only be activated for flights actually planning to land at AD.

**RWY Restriction**

The paved RWY section in front of THR are approved exclusively as special RWY for Beluga.

**TWY Restriction**

TWY L, M width 15m / 49ft.

TWY K width 10.5m / 34ft.

TWY B width 7.5m / 25ft.

TWY H MAX wingspan 36m / 118ft.

TWY K MAX wingspan 24m / 79ft.

TWY L MAX wingspan 31m / 118ft.

TWY B MAX weight 5.7t / 12570lbs.

TWY G is AVBL between TWY C and PSN 10A inclusivley, for ACFT with MAX wingspan 52m / 171ft, exclusivley.

**APN 1:**

Northern ACFT stand taxilane N:

- MAX wingspan 52m / 171ft.
- ACFT with wingspan above 50m / 164ft require a follow-me except when vacating an aircraft stand.

Southern ACFT stand taxilane S:

- MAX wingspan 36m / 118ft.
- ACFT with wingspan above 33m / 108ft require a follow-me except when vacating an aircraft stand.

**Ramp 2:**

Between TWA A and PSN 16 MAX wingspan 30m / 98ft and MAX wheel base 18m / 59ft.

**Taxi/Parking**

After LDG RWY 27, TWY A compulsory for Jet ACFT above 20t / 44092lbs, unless otherwise instructed by ATC.

All ACFT taxiing/towed to/from APNs wait for follow-me at "Hold for follow-me" signs, unless otherwise instructed by ATC.

08-JUN-2017

**BRE-EDDW**

1-20

**AOI****AOI****GENERAL****Warnings**

**BMN DVOR/DME:** DVOR part is not permitted for Non-Radial-Usage within R300-R330.

**ARRIVAL****Warnings**

Exercise caution within airspace class E due to possible unknown VFR traffic.

**Communication**

**COM Failure:** See CRAR Germany.

**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.

**Visual APCH:** Not permitted for ACFT above 23t / 50706lbs.

**Reverse:** Do not use more than idle reverse if possible.

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

RWY		09/27	
All ACFT	ft - m/km	0 - 75R	-

**Communication**

Contact BREMEN RADAR immediately after TKOF.

**COM Failure:** See CRAR Germany.

**Departure Procedure****Departure Notes**

When using GPS/FMS RNAV PROC, check and ensure that the underlying conventional FLT PROCs are adhered to by monitoring the INFO on the ground-based navigation aids.

**EEL 3Q:** SID crossing ED-R 202 / ED-R 302 (TRA). In case of MIL activity expect rerouting via EEL E.

**EEL 8K:** SID crossing ED-R 202 / ED-R 302 (TRA). In case of MIL activity expect rerouting via EEL W.

**Intersection TKOF**

PROP ACFT use intersection E for TKOF RWY 27 instead of intersection F. If unable, REQ TWY F together with taxi instructions.

**ATC Slot, Clearance****Push-back**

ACFT may leave nose-in PSNs only by towing cars. Reverse not accepted.

Push-back CLR for taxiing shall be requested by the company official on the car radio FREQ.

**De-Icing**

MON 0500 - SAT 2230‡, SUN 0500 - 2230‡.

Effective 30-MAR-2017

23-MAR-2017

BRE-EDDW

Germany Bremen

AGC

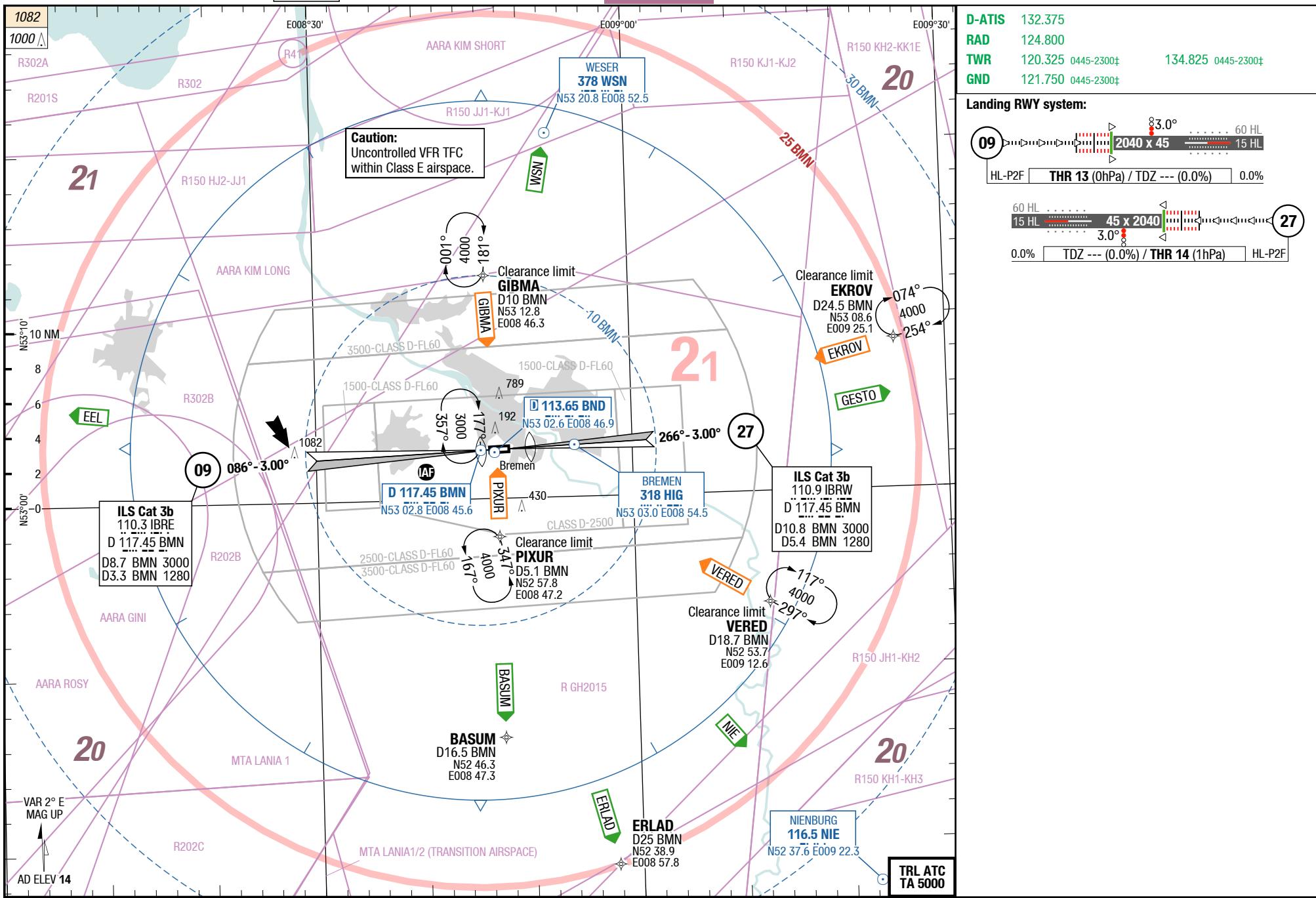
AFC

Bremen Germany

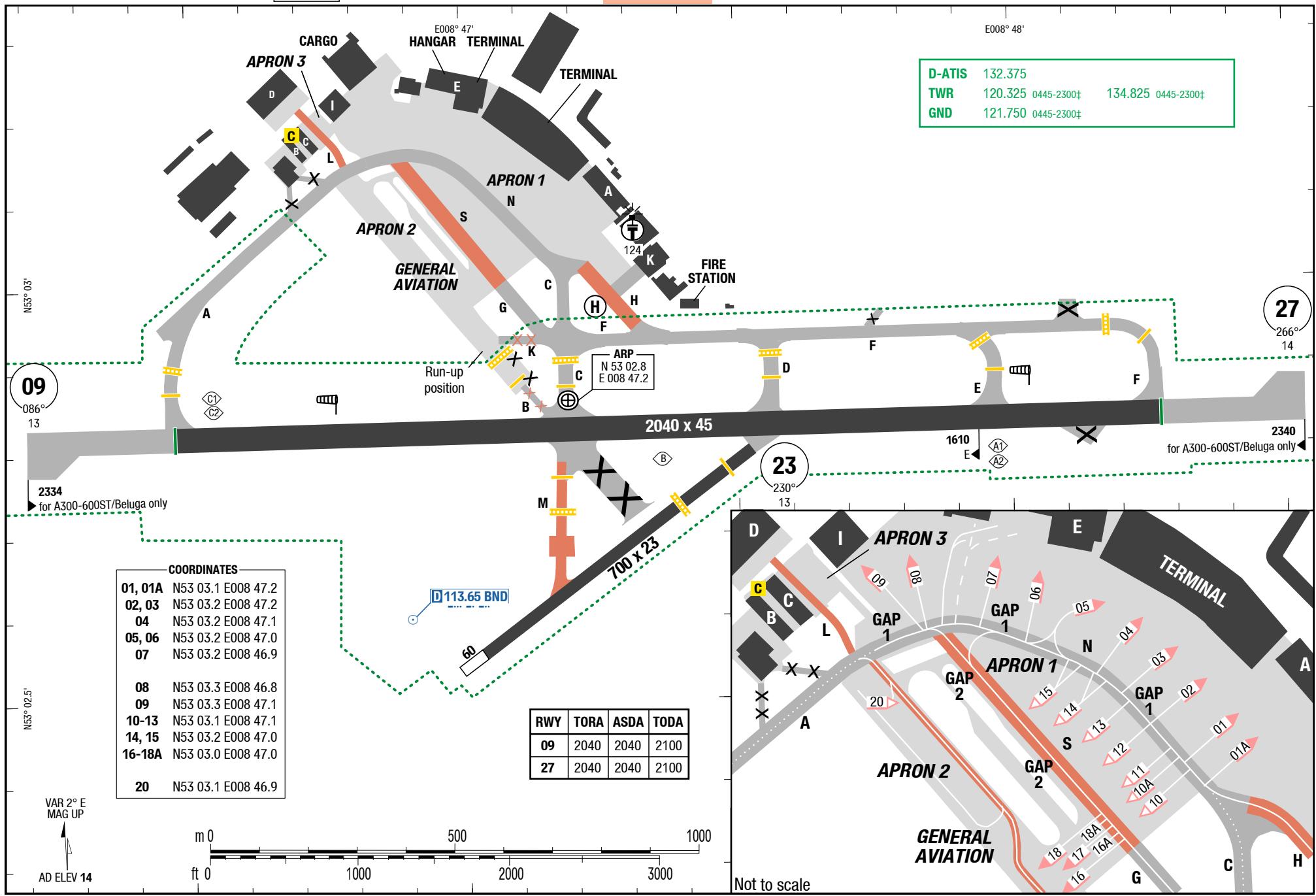
AGC

AFC

2-10



Changes: APL, FREQ, SUAs



Effective 30-MAR-2017

23-MAR-2017

BRE-EDDW

4-10

Germany Bremen

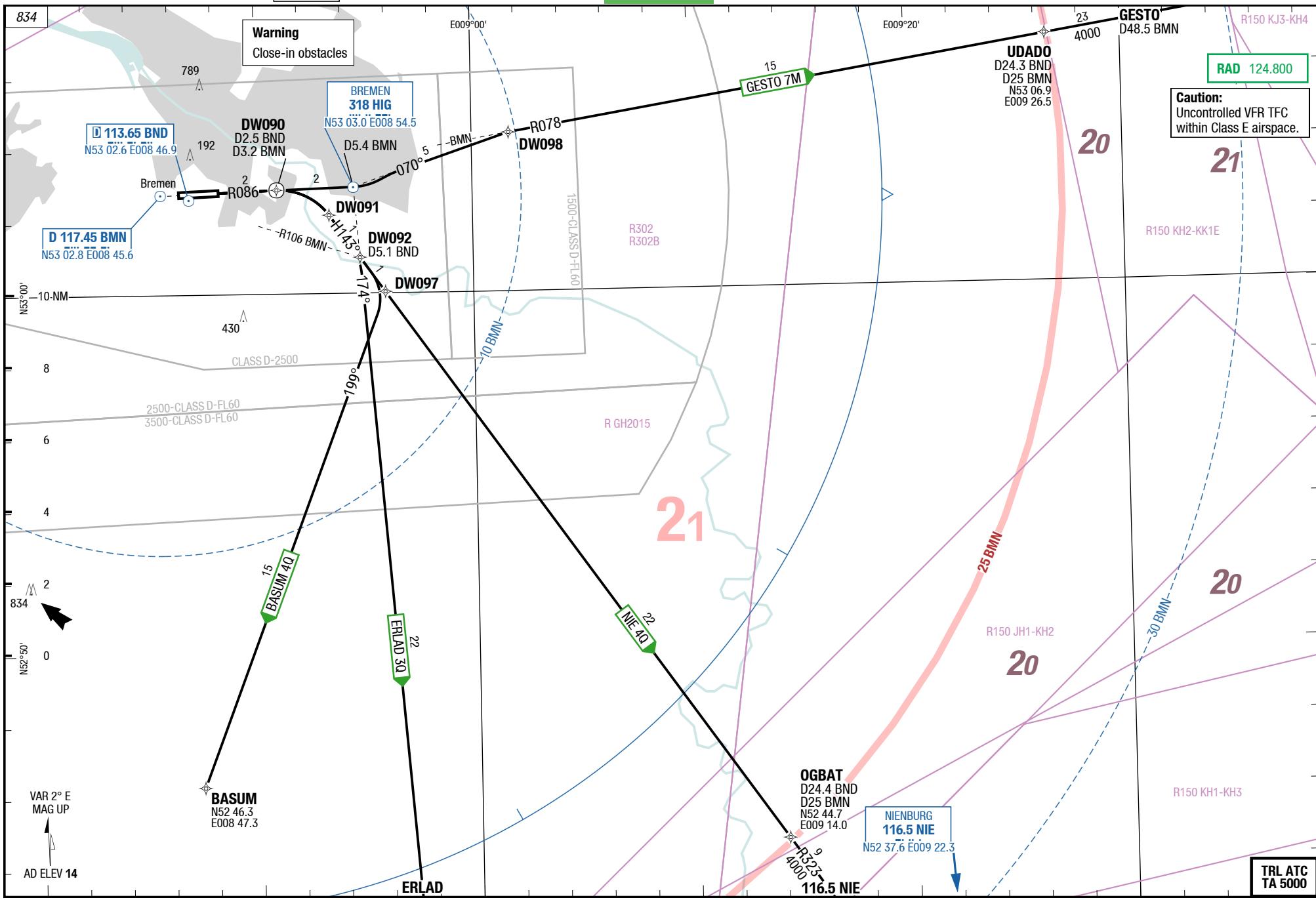
SIDs RWY 09 West (RNAV Overlay)

SID

Bremen Germany

SIDs RWY 09 West (RNAV Overlay)

SID



Effective 30-MAR-2017

23-MAR-2017

# BRE-EDDW

## Germany **Bremen**

## Bremen Germany

4-20

## IDs RWY 09 West (RNAV Overlay)

1

10

Changes: Completely revised

Effective 30-MAR-2017

23-MAR-2017

BRE-EDDW

4-30

Germany Bremen

SIDs RWY 27 West (RNAV Overlay)

SIDs RWY 27 East (RNAV Overlay)

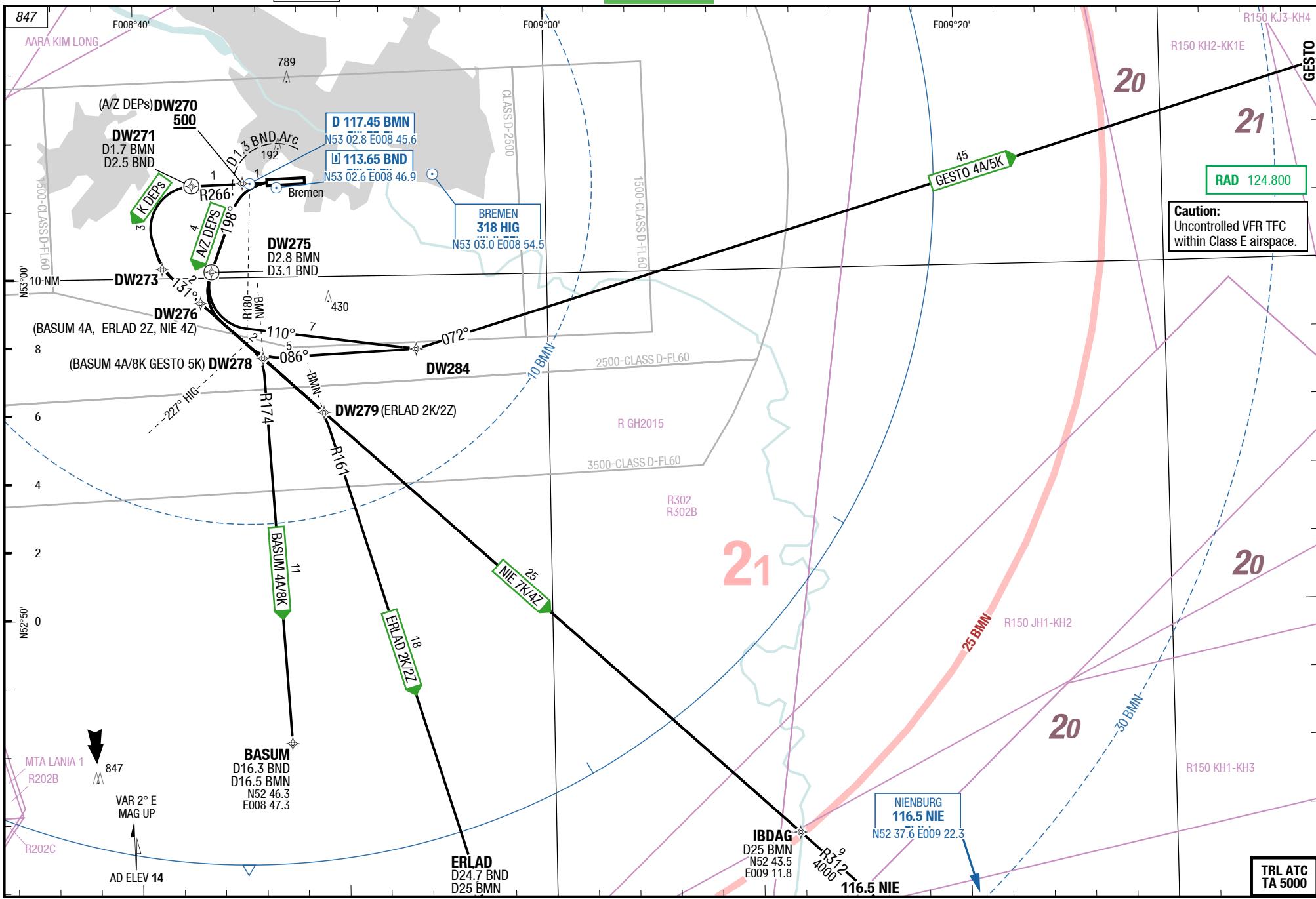
SID

SID

Bremen Germany

SIDs RWY 27 West (RNAV Overlay)

SIDs RWY 27 East (RNAV Overlay)



Effective 30-MAR-2017

23-MAR-2017

BRE-EDDW

Germany Bremen

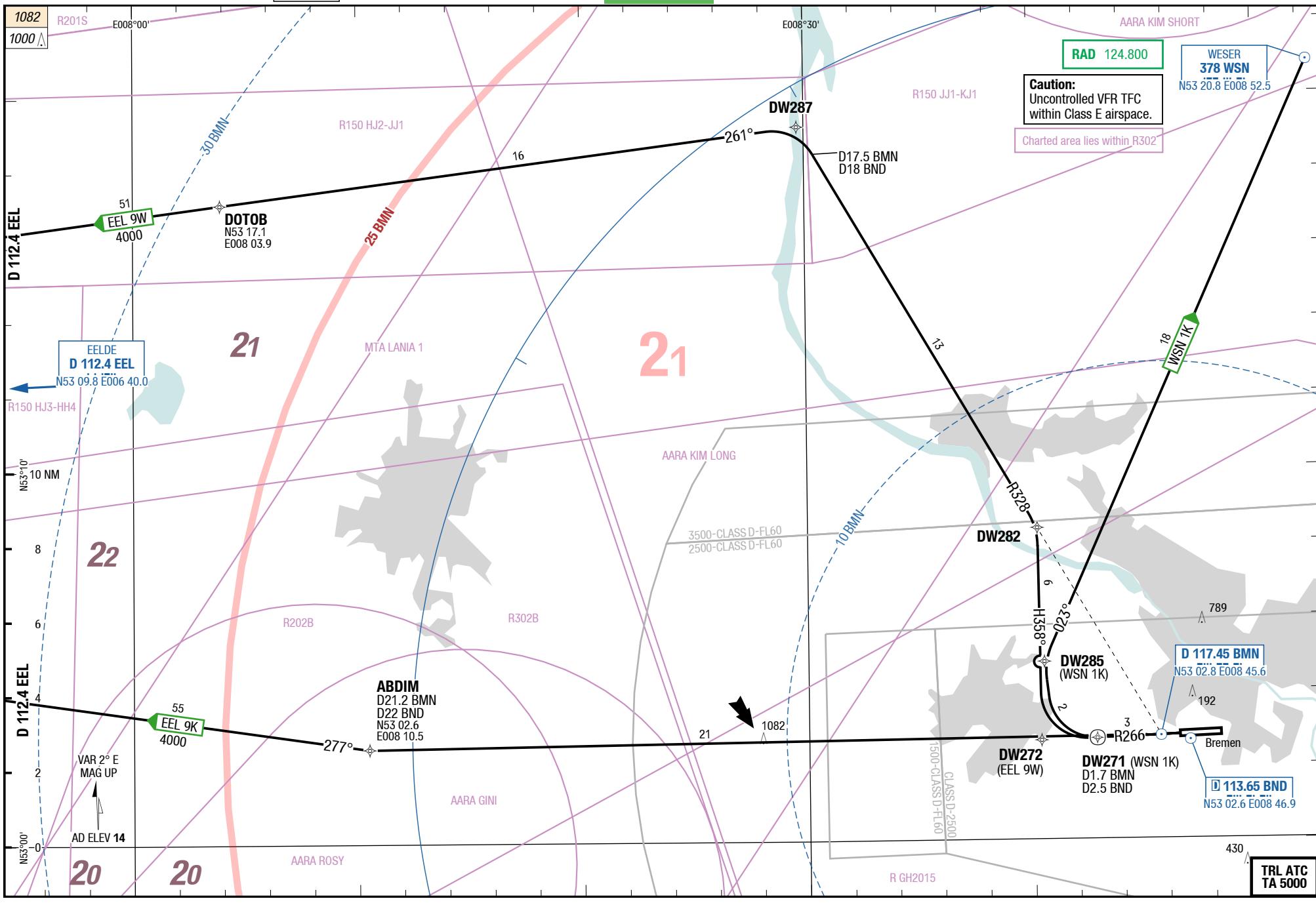
4-40

SIDs RWY 27 West (RNAV Overlay)

SID

SID

Bremen Germany



## BRE-EDDW

5-10

SIDs RWY 09 East (RNAV Overlay)

BASUM 4Q / ERLAD 3Q / GESTO 7M / NIENBURG 4Q

RWY 09 (086°)

After take-off, contact Bremen RAD.

	GS	120	150	180	210	240	270
4.8%	ft/MIN	600	800	900	1100	1200	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
<b>BASUM 4Q</b> 4.8% to 2000 <b>124.800</b> ①②③	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) - at D3.2 <b>BMN/D2.5 BND RT HDG</b> 143°- crossing R106 <b>BMN/D5.1 BND RT</b> 199° to BASUM  <b>FMS:</b> [A500+] - <u>DW090</u> [R] - DW091 - DW097 [R] - BASUM	<b>Initial climb 4000</b>
<b>ERLAD 3Q</b> 4.8% to 2000 <b>124.800</b> ①②③	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) - at D3.2 <b>BMN/D2.5 BND RT HDG</b> 143° - intercept QDR 174 <b>HIG</b> to ERLAD  <b>FMS:</b> [A500+] - <u>DW090</u> [R] - DW091 - DW092 [R] - ERLAD	<b>Initial climb 4000</b>
<b>GESTO 7M</b> <b>124.800</b> ③	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) - at <b>HIG</b> (D5.4 <b>BMN</b> ) - LT QDR 070 <b>HIG</b> - intercept R078 <b>BMN</b> to UDADO - GESTO  <b>FMS:</b> [A500+] - <u>HIG</u> [L] - DW098 [R] - UDADO - GESTO	<b>Initial climb 4000</b>
<b>NIENBURG 4Q</b> <b>NIE 4Q</b> <b>124.800</b> ③	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) - at D3.2 <b>BMN/D2.5 BND - RT HDG</b> 143° - intercept R323 <b>NIE</b> to OGBAT - <b>NIE</b>  <b>FMS:</b> [A500+] - <u>DW090</u> [R] - DW091 - OGBAT - NIE	<b>Initial climb 4000</b>

① Climb gradient due to airspace structure.

② After passing 2000, B-RNAV equipment necessary.

③ Warning: close-in obstacles.

## BRE-EDDW

5-20

SIDs RWY 09 West (RNAV Overlay)

EELDE 4Q / EELDE 5E / WESER 1M

RWY 09 (086°)

After take-off, contact Bremen RAD.

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 09</b>	
<b>EELDE 4Q</b> <b>EEL 4Q</b> <b>124.800</b> <b>①②③④</b>	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) - at D3.2 <b>BMN/D2.5 BND - RT</b> HDG 143° - crossing R106 <b>BMN/D5.1 BND RT</b> 267°- at DW096 <b>RT</b> 291°- at ABDIM <b>LT</b> 277° to <b>EEL</b>  <b>FMS:</b> [A500+] - <u>DW090</u> [R] - DW091 - <u>DW093</u> [R] - DW094 [R] - DW095- DW096 [R] - ABDIM [L] - EEL	<b>initial climb 4000</b>
<b>EELDE 5E</b> <b>EEL 5E</b> <b>124.800</b> <b>③④</b>	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) - via <b>HIG</b> to D6.1 <b>BMN/D5.3 BND</b> <b>LT</b> HDG 005° to intercept QDM 340 <b>WSN</b> inbound - at D16.4 <b>BMN/D16.3 BND LT</b> intercept 262° to DOTOB - <b>EEL</b>  <b>FMS:</b> [A500+] - DW100 [L] - DW101 [L] - WSN [L] - DOTOB - EEL	<b>initial climb 4000</b>
<b>WESER 1M</b> <b>WSN 1M</b> <b>124.800</b> <b>④</b>	QDM 086 <b>HIG</b> (R086 <b>BMN</b> ) -via <b>HIG</b> to D6.1 <b>BMN/D5.3 BND</b> - <b>LT</b> HDG 005° to intercept QDM 340 <b>WSN</b> inbound <b>WSN</b>  <b>FMS:</b> [A500+] - DW100 [L] - DW101 [L] - WSN	<b>initial climb 4000</b>

① After passing 2000, B-RNAV equipment necessary.

② SID crossing R202/R302. In case of military activities expect EEL E.

③ After passing D16.4 BMN/D16.3 BND, B-RNAV equipment necessary.

④ Warning: close-in obstacles.

## BRE-EDDW

5-30

SIDs RWY 27 East (RNAV Overlay)

BASUM 4A / BASUM 8K / ERLAD 2K / ERLAD 2Z / GESTO 4A

RWY 27 (266°)

After take-off, contact Bremen RAD.

	GS	120	150	180	210	240	270
4.8%	ft/MIN	600	800	900	1100	1200	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
<b>BASUM 4A</b> 124.800 ③	at MNM 500 LT (within D1.3 BND) 198° - at D2.8 <b>BMN</b> (D3.1 BND) LT intercept R312 <b>NIE</b> inbound - intercept R174 <b>BMN</b> to BASUM  <b>FMS:</b> DW270 [L] - DW276 [L] - DW278 [R] - BASUM	DW270 MNM 500 Initial climb 4000
<b>BASUM 8K</b> 124.800	R266 <b>BMN</b> - at D1.7 <b>BMN</b> /D2.5 <b>BND</b> LT intercept R312 <b>NIE</b> inbound - intercept R174 <b>BMN</b> to BASUM  <b>FMS:</b> [A500+] - DW271 [L] - DW273 - DW278 [R] - BASUM	Initial climb 4000
<b>ERLAD 2K</b> 124.800	R266 <b>BMN</b> - at D1.7 <b>BMN</b> /D2.5 <b>BND</b> LT intercept R312 <b>NIE</b> inbound - intercept R161 <b>BMN</b> to ERLAD  <b>FMS:</b> [A500+] - DW271 [L] - DW273 - DW279 [R] - ERLAD	Initial climb 4000
<b>ERLAD 2Z</b> 124.800 ①	at MNM 500 LT (within D1.3 BND) 198° - at D2.8 <b>BMN</b> (D3.1 BND) LT intercept R312 <b>NIE</b> inbound - intercept R161 <b>BMN</b> to ERLAD  <b>FMS:</b> DW270 [L] - DW276 [L] - DW279 [R] - ERLAD	DW270 MNM 500 Initial climb 4000
<b>GESTO 4A</b> 4.8% to 2000 124.800 ②④⑤	at MNM 500 LT (within D1.3 BND) 198° - at D2.8 <b>BMN</b> (D3.1 BND) LT 110° - at DW284 LT 072° to GESTO  <b>FMS:</b> DW270 [L] - DW275 [L] - DW284 [L] - GESTO	DW270 MNM 500 Initial climb 4000

- ① If unable to comply, request ERLAD K.
- ② If unable to comply, request GESTO K.
- ③ If unable to comply, request BASUM K.
- ④ After passing 2000, B-RNAV equipment necessary.
- ⑤ PDG 4.8% due to ASP structure

## BRE-EDDW

5-40

SIDs RWY 27 East (RNAV Overlay)

GESTO 5K / NIENBURG 4Z / NIENBURG 7K

RWY 27 (266°)

After take-off, contact Bremen RAD.

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
<b>GESTO 5K</b> <b>124.800</b> ②	R266 <b>BMN</b> - at D1.7 <b>BMN/D2.5 BND LT</b> intercept R312 <b>NIE</b> - crossing QDR 227 <b>HIG/R180 BMN LT</b> 086° - at DW284 <b>LT 072°</b> to GESTO  <b>FMS:</b> [A500+] - DW271 [L] - DW273 -DW278 [L]- DW284 [L] - GESTO	<b>Initial climb 4000</b>
<b>NIENBURG 4Z</b> <b>NIE 4Z</b> <b>124.800</b> ①	at <b>500 LT</b> (within D1.3 <b>BND</b> ) 198° - at D2.8 <b>BMN (D3.1 BND)</b> <b>LT</b> intercept R312 <b>NIE</b> to IBDAG - <b>NIE</b>  <b>FMS:</b> DW270 [L] - DW276 [L] - IBDAG - NIE	<b>DW270 MNM 500</b> <b>Initial climb 4000</b>
<b>NIENBURG 7K</b> <b>NIE 7K</b> <b>124.800</b>	R266 <b>BMN</b> - at D1.7 <b>BMN/D2.5 BND LT</b> intercept R312 <b>NIE</b> to IBDAG - <b>NIE</b>  <b>FMS:</b> [A500+] - DW271 [L] - DW273 - IBDAG - NIE	<b>Initial climb 4000</b>

① If unable to comply, request NIE K.

② After crossing QDR 227 HIG/R180 BMN, B-RNAV equipment necessary.

## BRE-EDDW

5-50

SIDs RWY 27 West (RNAV Overlay)

EELDE 9K / EELDE 9W / WESER 1K

RWY 27 (266°)

After take-off, contact Bremen RAD.

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
<b>EELDE 9K</b> EEL 9K 124.800 ①②③	R266 <b>BMN</b> - at ABDIM RT 277° to EEL  <b>FMS:</b> [A500+] - BMN - ABDIM [R] - EEL	<b>Initial climb 4000</b>
<b>EELDE 9W</b> EEL 9W 124.800 ③	R266 <b>BMN</b> - at D1.7 <b>BMN/D2.5 BND RT HDG 358°</b> - intercept R328 <b>BMN</b> - at D17.5 <b>BMN/D18 BND LT 261°</b> to DOTOB - <b>EEL</b>  <b>FMS:</b> [A500+] - BMN - DW272 [R] - DW282 [L] - DW287 [L] - DOTOB - EEL	<b>Initial climb 4000</b>
<b>WESER 1K</b> WSN 1K 124.800	R266 <b>BMN</b> - at D1.7 <b>BMN/D2.5 BND RT 023°</b> to <b>WSN</b>  <b>FMS:</b> [A500+] - DW271 [R] - DW285 - WSN	<b>Initial climb 4000</b>

① After passing ABDIM, B-RNAV equipment necessary.

② SID crossing R202/R302. In case of military activities expect EEL W.

③ After passing D17.5 BMN/D18 BND, B-RNAV equipment necessary.

**Effective 31-MAR-2016**

24-MAR-2016

# BRE-EDDW

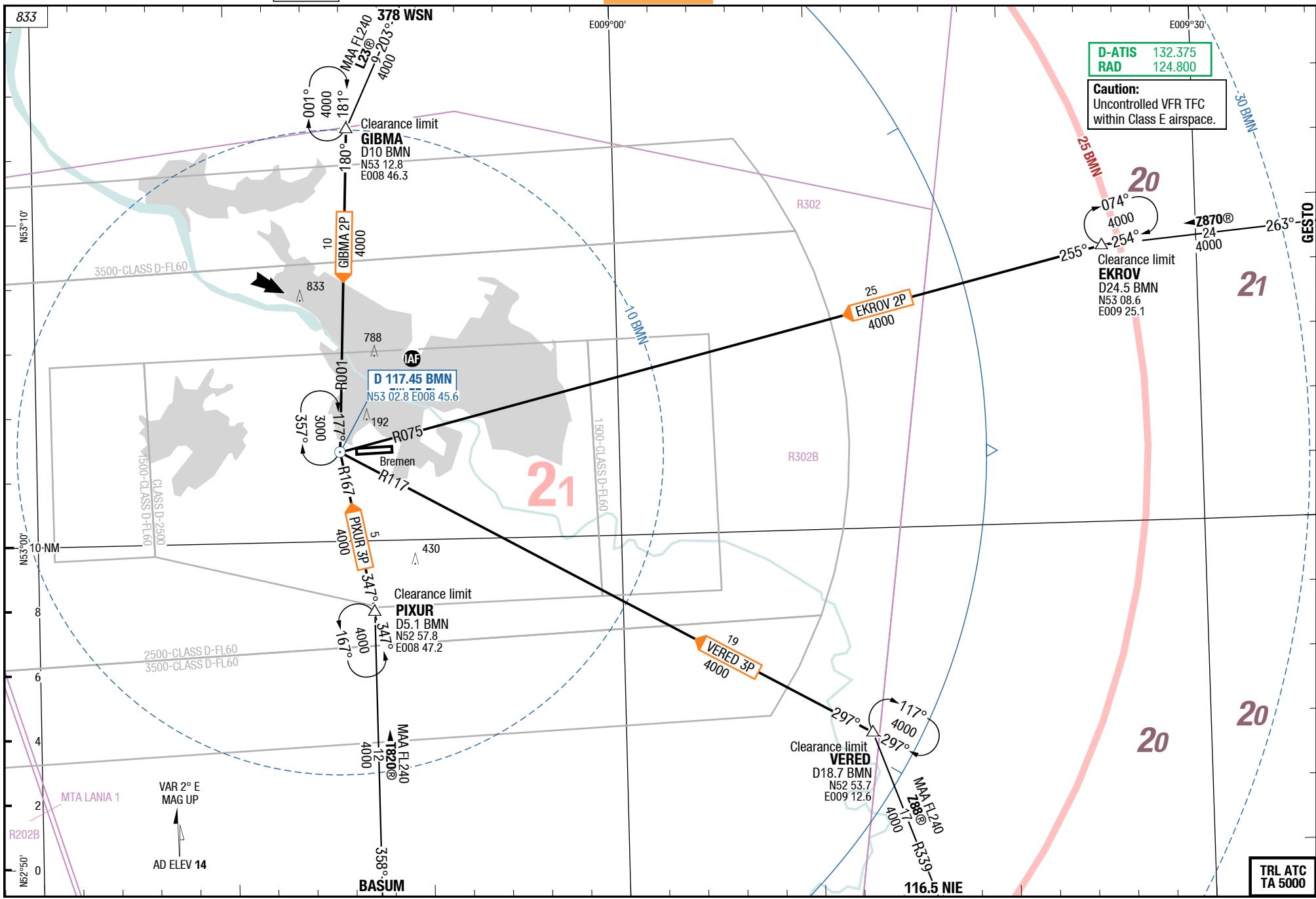
6-10

## Germany Bremer

NIL  
**STARS**

## Bremen Germany

NIL  
**STAR**



09-AUG-2018

# BRE-EDDW

## Germany Bremen

## ILS or LOC 09

## **Bremen Germany**

## ILS or LOC 09

7-10

09		Cat 3b DME	Cat 2 DME	Cat 1 DME <i>L<sub>ts</sub></i> 1)	Cat 1 DME 1)	LOC DME	Circling
C	ft - m/km ft	0 - 75R <b>Company</b>	100 - 300R <b>100</b> RA	200 - 400 <b>220</b>	200 - 550 <b>220</b>	460 - 1.4 <b>470</b>	Not published
D	ft - m/km ft	0 - 75R <b>Company</b>	100 - 300R <b>100</b> RA <sup>2)</sup>	200 - 400 <b>220</b>	200 - 550 <b>220</b>	460 - 1.4 <b>470</b>	Not published

LOC 3.00° D BMN 8.7 7 5 4 2 1 3000 2470 1830 1510 870 550 09 HL-P2F THR 13 (0hPa) / TDZ --- (0.0%) 0.0% 83.0° 2040 x 45 60 HL 15 HL

D9.5 BND D7 D4.1 BND  
D8.7 BMN D6.2 D3.3 BMN  
IBUTI

3000 1280 M 086° at HIG (D5.4 BMN) RT direct BMN climb 3000

2200 1280 MDA 53

GS 120 140 160  
D3.3 BMN 640 750 850  
-MAPt NA NA NA

DIST to THR 5 3.8 0.5 0

09-AUG-2018

# BRE-EDDW

## Germany **Bremen**

## **Bremen** Germany

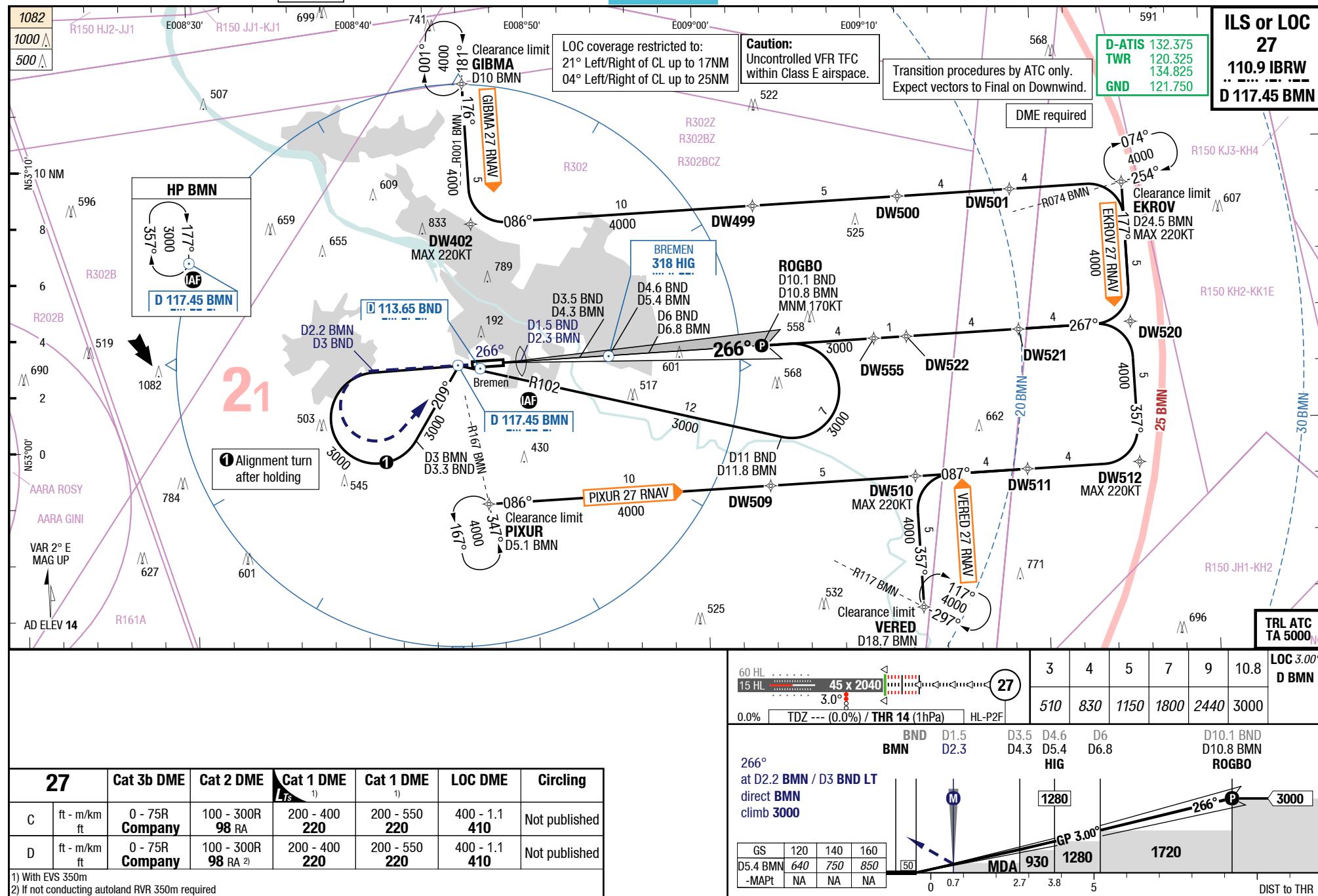
7-20

ILS or LOC 27

IAC

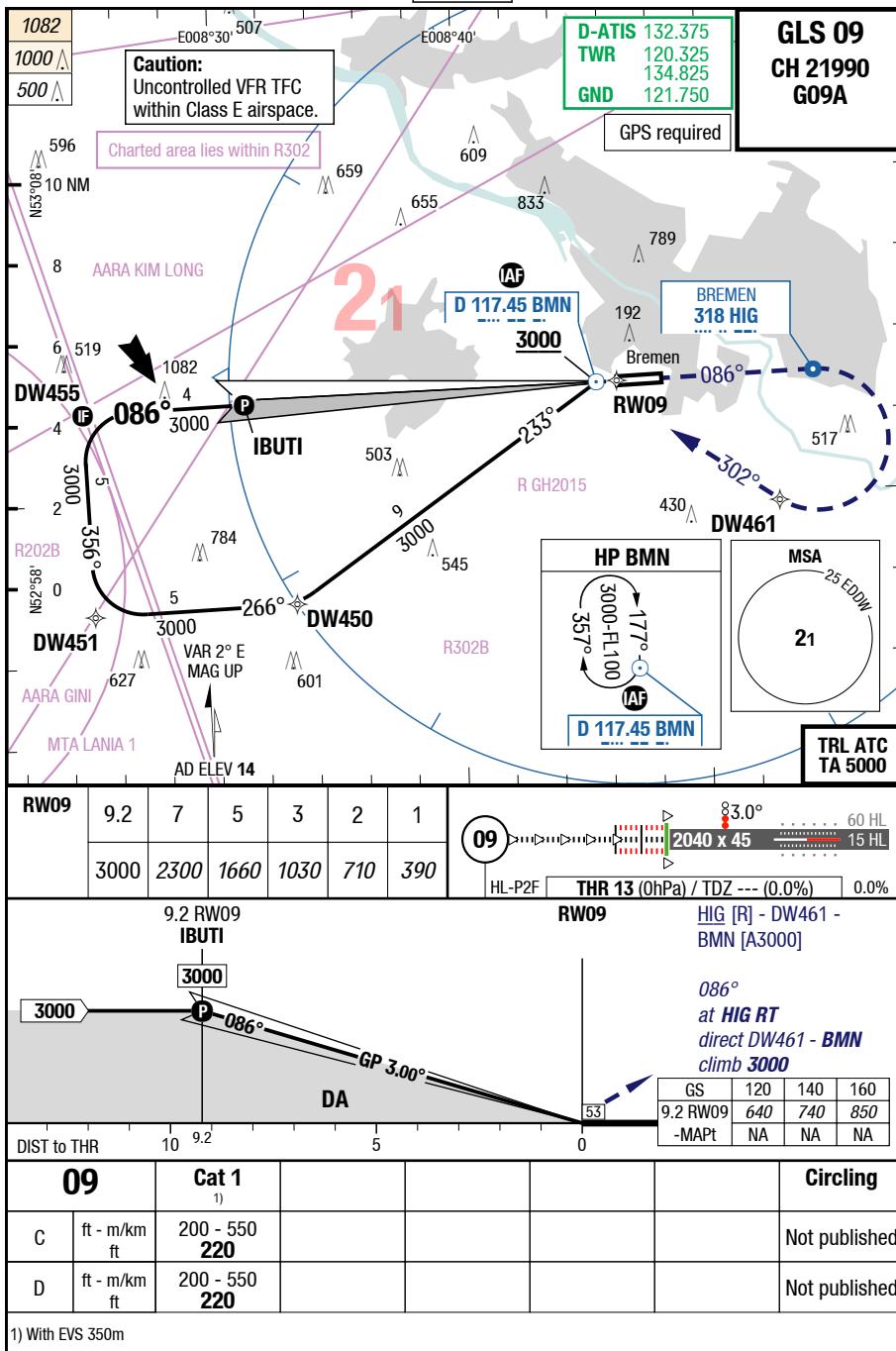
IAC

## ILS or LOC 27



7-30

GLS 09



BRE-EDDW

7-40

GLS 27

### Changes: chart title

# BRE-EDDW

7-50

**RNP 09**

**Caution:**  
Uncontrolled VFR TFC  
within Class E airspace.

Charted area lies within R302

**D-ATIS** 132.375  
**TWR** 120.325  
**GND** 134.825  
121.750

**RNP 09**  
**EGNOS**  
**CH 44275**  
**E09A**  
**RNP APCH**  
**GPS required**

**21**

**RW09** 086° RW09 3000ft 2 RW09 235° 357° 177° 086° 302° DW461

**IBUTI** 1082 4 3000ft 6 RW09 503 9.2 3000ft 545

**DW455** 8 519 4 3000ft 500 5 266° DW450 3000ft 601

**DW451** 2 0 3000ft 627 R202B MTA LANIA 1

**AARA KIM LONG** 10 NM

**AARA GINI**

**VAR 2° E MAG UP**

**AD ELEV 14**

**R GH2015**

**MSA 25 EDDM 21**

**TRL ATC TA 5000**

**3.00° RW09**

9.2	7	5	4	3	2	
3000	2300	1660	1340	1030	710	

**09** 83.0° 2040 x 45 60 HL

**HL-P2F** **THR 13 (0hPa) / TDZ --- (0.0%)** 0.0%

**9.2 RW09 IBUTI** 1980 6 2 RW09 1980 MDA 53

**RW09 N53 0.28 E008 46.5**

**HIG [R] - DW461 - BMN [A3000]**

**086° at HIG RT direct DW461 - BMN climb 3000**

**DIST to THR** 6 5 2 1 0

**GS** 120 140 160

**6 RW09** 640 740 850

**-Mapt** NA NA NA

**09** **RNP LPV 1/2** **RNP VNAV 3/4** **RNP LNAV** **Circling**

**C** ft - m/km ft 200 - 600 **220** 400 - 1.1 **410** 400 - 1.1 **410**

**D** ft - m/km ft 200 - 600 **220** 400 - 1.1 **410** 400 - 1.1 **410**

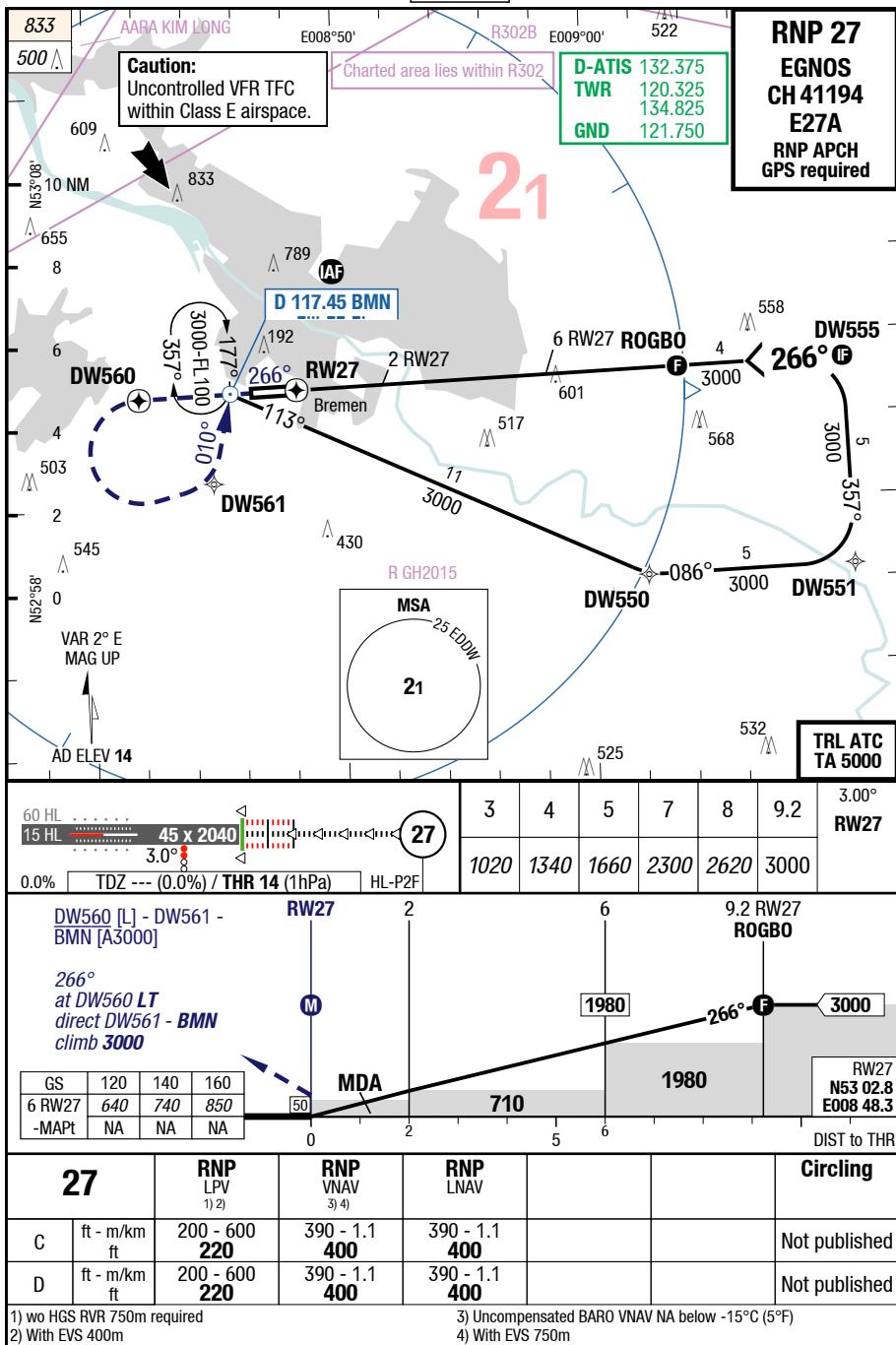
1) wo HGS RVR 750m required  
2) With EVS 400m  
3) Uncompensated BARO VNAV NA below -15°C (5°F)  
4) With EVS 750m

Changes: MIN API Page Number chart title SUAs OBST

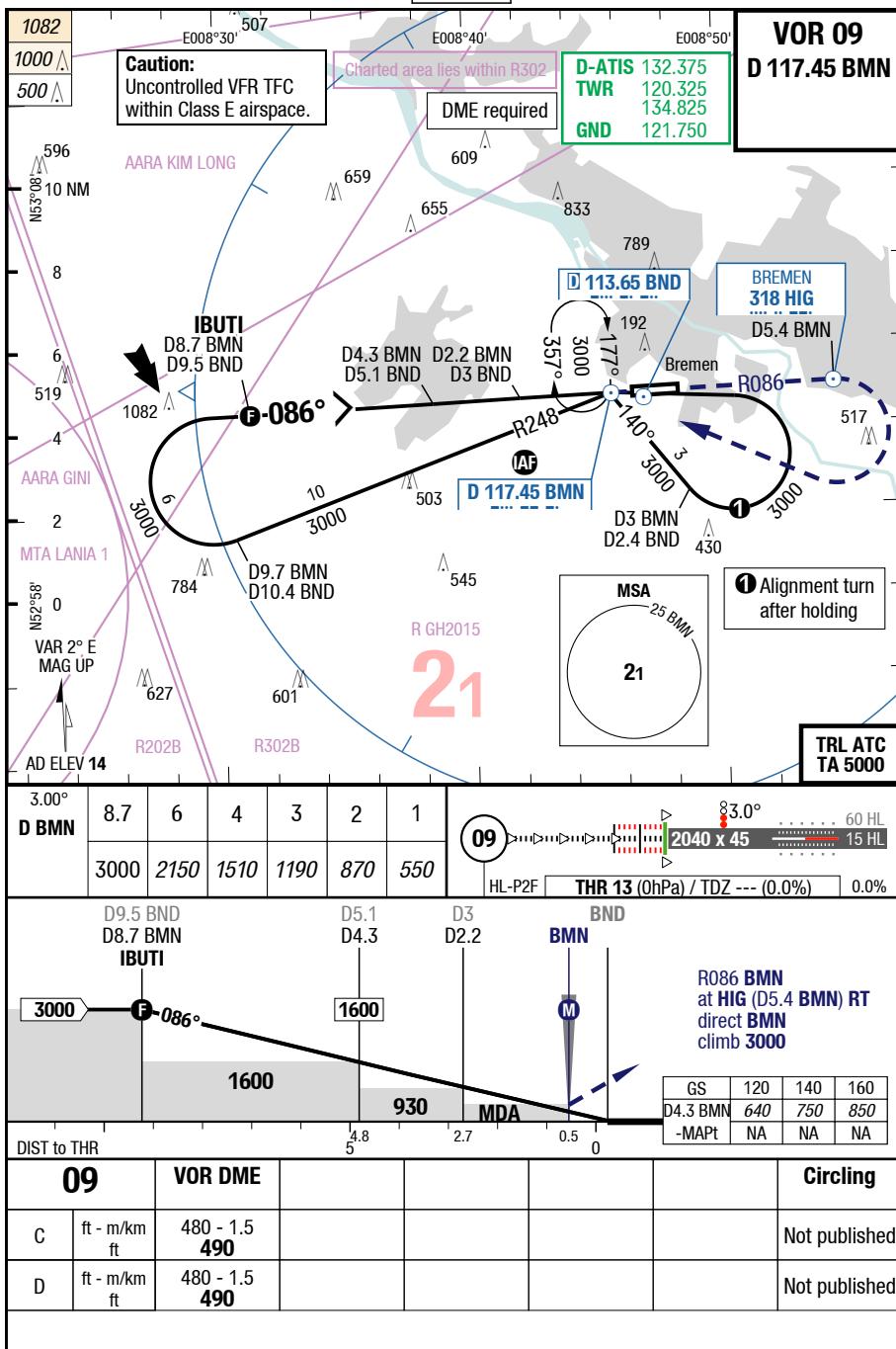
- 3) Uncompensated BARO VNAV NA below -15°C (5°F)
- 4) With EVS 750m

7-60

RNP 27

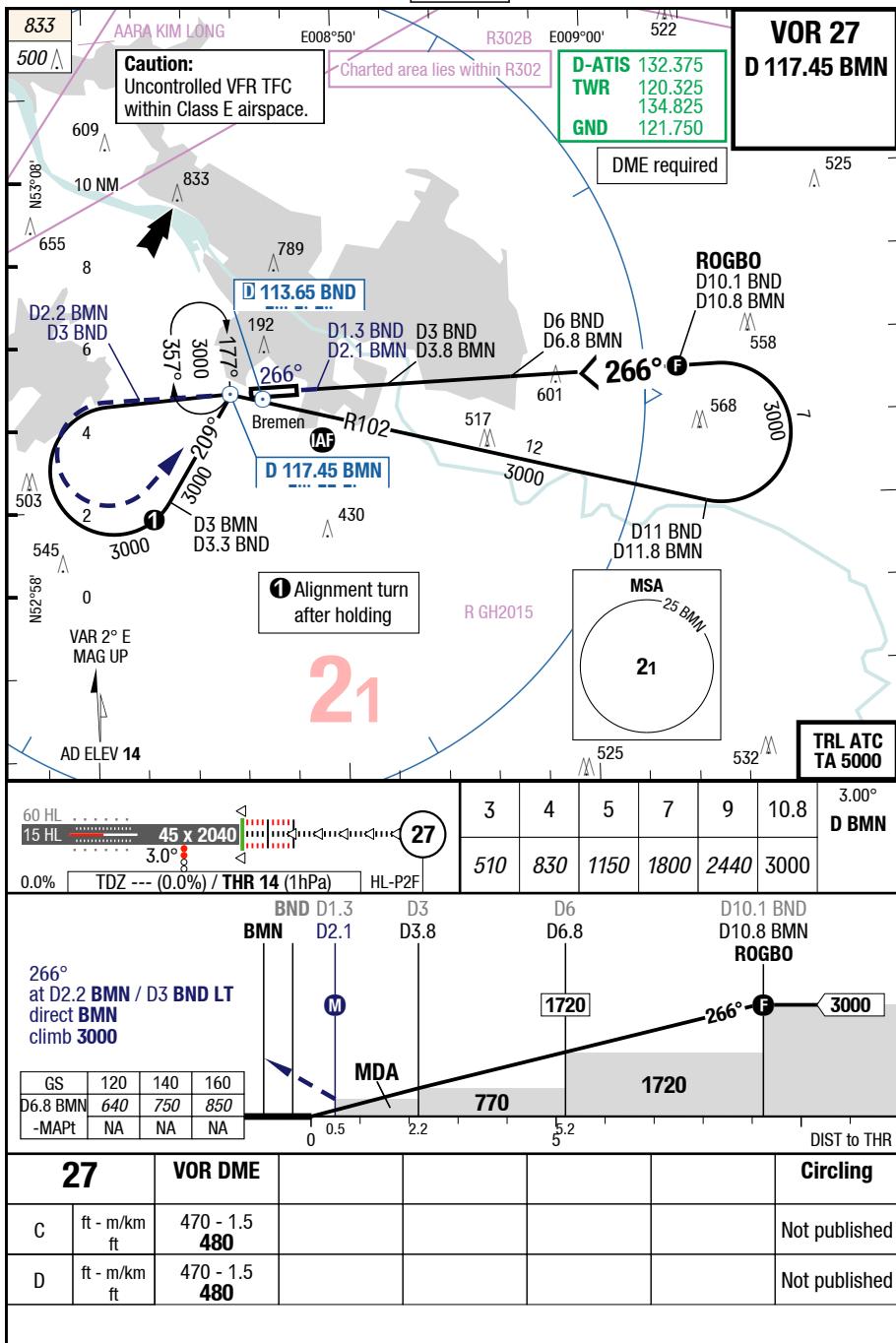


7-70



7-80

VOR 27



Effective 31-MAR-2016

24-MAR-2016

BRE-EDDW

Germany Bremen

MRC  
NIL

Bremen Germany

MRC  
NIL

