EDQD AD 2.1 Aerodrome location indicator and name

EDQD BAYREUTH

EDQD AD 2.2 Aerodrome geographical and administrative data

1	ARP coordinates and site at AD	N 49 59 03.94 E 011 38 18.85 387 m W of THR 24 on the paved RWY centre line
2	Direction and distance of ARP from (city)	5 km (2.7 NM) NE Bayreuth
3	Elevation/Reference temperature	1601 ft / 22.5°C
4	Geoid undulation at AD ELEV PSN	47 m
5	MAG VAR/date of information and annual change	2.9° E (2018,07) / -
6	AD operator, address, telephone, telefax, telex, AFS, E-mail, website	VERKEHRSLANDEPLATZ BAYREUTH Flugplatzstraße 1, 95463 BINDLACH Tel.: +49 9208 6570-0 +49 9208 6570-20 (Aviation Supervision Office) Fax: +49 9208 6570-34 (Platzwart) +49 9208 6570-24 (Aviation Supervision Office) e-mail: info@airport-bayreuth.de
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	PPR for all IFR flights

EDQD AD 2.3 Operational hours

1	AD operator	WIN: 0730 – SS+030 MAX 1800 SUM: 0630 – 1700 Other times: PPR
2	Customs and immigration	O/R Tel.: +49 9721 6464-0 (customs; 48 HR preregistration at Hauptzollamt Schweinfurt) +49 9208 6570-20 (immigration)
3	Health and sanitation	-
4	AIS Briefing Office	AIS-C H24 (see GEN 3.1)
5	ATS Reporting Office (ARO)	AIS-C H24 (see GEN 3.1)
6	MET Briefing Office	H24 See EDQD AD 2.11
7	ATS	WIN: 0730 – SS+030 MAX 1800 SUM: 0630 – 1700 Other times: PPR
8	Fuelling	WIN: 0730 – SS+030 MAX 1800 SUM: 0630 – 1700 Other times: PPR
9	Handling	-
10	Security	-
11	De-icing	-
12	Remarks	Nil

EDQD AD 2.4 Handling services and facilities

1	Cargo-handling facilities	O/R
2	Fuel/oil types	AVGAS 100 LL, Jet A1/ 80, 100, D-80, D-100, Multigrade SAE 15W50
3	Fuelling facilities/capacity	AVGAS 100 LL: Fuel pumps Jet A1: Fuel pumps
4	De-icing facilities	-
5	Hangar space for visiting aircraft	O/R
6	Repair facilities for visiting aircraft	Air Service Bayreuth Tel.: +49 921 5074 3989 e-mail: info@air-service-bayreuth.de
7	Remarks	Nil

EDQD AD 2.5 Passenger facilities

1	Hotels	Bayreuth, Bindlach
2	Restaurants	On Top, Tel.: +49 9208 5709 135 www.ontop-flugplatzrestaurant.org
3	Transportation	Taxi, bus
4	Medical facilities	-
5	Bank and Post Office	-
6	Tourist Office	-
7	Remarks	Nil

EDQD AD 2.6 Rescue and fire fighting services

1	AD category for fire fighting	3, PPR CAT 4
2	Rescue equipment	Rescue service acc. NfL I-72/83; Fire fighting vehicle: IVECO-Magirus 180/25 AHW
3	Capability for removal of disabled aircraft	-
4	Remarks	NIL

EDQD AD 2.7 Seasonal availability – clearing

1	Types of clearing equipment	1 snow plough, 1 spreader, 1 airblast sweeper, 1 rotary snow plough
2	Clearance priorities	-
3	Remarks	Seasonal availability unrestricted

EDQD AD 2.8 Aprons, taxiways and check locations data

1	Designation, surface and strength of aprons	APRON 1: ASPH APRON 2: ASPH APRON 3: ASPH APRON 4: ASPH MAIN APRON: ASPH
2	Designation, width, surface and strength of taxiways	TWY C: 10 m; ASPH TWY A, B, D: 7.5 m; ASPH
3	Altimeter checkpoint location and elevation	-
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

EDQD AD 2.9 Surface movement guidance and control system and markings

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system at aircraft stands	NIL
2	RWY and TWY markings and LGT	RWY designation, RWY centreline, THR marking TWY centre line, taxi holding position. RWY, TWY lighted.
3	Stop bars	-
4	Remarks	TWY indicators

EDQD AD 2.10 Aerodrome obstacles

Refer to AD 2 EDQD 2-11 AERODROME OBSTACLE CHART - ICAO TYPE A RWY 06/24

EDQD AD 2.11 Meteorological information provided

1	Associated MET Office	Meteorological Advisory Center (MAC) München
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	NIL
4	Trend forecast Interval of issuance	NIL
5	Briefing/consultation provided	see No. 10 by phone
6	Flight documentation Language(s) used	Charts, abbreviated plain language text [2)] English, German
7	Charts and other information available for briefing or consultation	SWC, W/T charts, SIGMET, en-route [2)]
8	Supplementary equipment available for providing information	NIL
9	ATS units provided with information	NIL
10	Additional information (limitation of service, etc.)	Individual weather consultation: Tel.: 0900 10 77 22 5 [1)] [1)] Value-added service prices see GEN 3.5 [2)] Provided by: www.flugwetter.de

EDQD AD 2.12 Runway physical characteristics

Designations RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
06	59.85°	1034 x 30	10000 kg AUW ASPH	N 49 58 57.691 E 011 38 04.182	THR 1586.5 ft
24	239.85°	1034 x 30	10000 kg AUW ASPH	N 49 59 14.500 E 011 38 49.047	THR 1596.9 ft

Slope of RWY-SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	RESA dimensions (m)	Description, location of arresting system	OFZ
7	8	9	10	11	12	13
see AOC	-	-	1154 x 150	-	-	-
see AOC	-	-	1154 x 150	-	-	-

Remarks	
14	
06	Nil
24	Nil

EDQD AD 2.13 Declared distances

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)
1	2	3	4	5
06	1034	1034	1034	1034
24 TWY A	1034 835	1034 835	1034 835	1034 NIL

Remarks	
6	
06	Nil
24	Nil

EDQD AD 2.14 Approach and runway lighting

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY centre line LGT LEN, spacing colour, INTST	RWY edge LGT LEN Spacing, colour INTST	RWY end LGT colour WBAR	SWY LGT LEN (M) colour
1	2	3	4	5	6	7	8	9
06	SALS LIH Sequence flash available	G LIH	3.0° 14.11 ft	-	-	W LIH	R LIH	-
24	SALS LIH Sequence flash available	G LIH	4.5° 8.74 ft	-	-	W LIH	R LIH	-

	Remarks
	10
06	Nil
24	Nil

EDQD AD 2.15 Other lighting, secondary power supply

1	ABN/IBN location, characteristics and hours of operation	ABN white/white on TWR
2	LDI location and LGT Anemometer location and LGT	See Chart AD 2 EDQD 2-5
3	TWY edge and centre line LGT	TWY edge lights of TWYs: B LIH
4	Secondary power supply including switch-over time	Available / 20 SEC
5	Remarks	Nil

EDQD AD 2.16 Helicopter landing area

1	Coordinates TLOF or THR of FATO Geoid undulation	NIL
2	TLOF and/or FATO elevation m/ft	NIL
3	TLOF and FATO area dimensions, surface type, bearing strength and marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	RWY 06/24

EDQD AD 2.17 ATS airspace

1	Designation and lateral limits	RMZ
2	Vertical limits	1000 ft AGL
3	Airspace classification	G
4	ATS unit call sign Language(s)	BAYREUTH INFORMATION English, German
5	Transition altitude	5000 ft MSL
6	Hours of applicability	NIL
7	Remarks	For detailed airspace description see ENR 2.2

EDQD AD 2.18 ATS communication facilities

Service designation	Call sign	Channel/ Frequency (MHZ)	Sat-voice	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	MUENCHEN RADAR	129.525	-	-	H24	
AFIS	BAYREUTH INFORMATION	127.530	-	-	HX	Designated operational coverage 25 NM, 4000 ft AMSL

EDQD AD 2.19 Radio navigation and landing aids

NIL

EDQD AD 2.20 Local aerodrome regulations

1. Starts und Landeanflüge ohne Landung im Rahmen von Ausbildungs-, Übungs- und Überprüfungsflügen sind nicht zulässig zu folgenden Zeiten:

täglich 2000 – 0500 (1900) – (0400)
Sat 1200 – 1400 (1100) – (1300)
Sun, HOL 1100 – 2000 (1000) – (1900)

Hiervon ausgenommen sind Starts zu Streckenflügen.

2. Die Stadt Bayreuth kann im Einzelfall Ausnahmen von diesen Beschränkungen zulassen.

1. Take-offs and approaches to land without landing in connection with training and exercise flights, as well as inspection flights are not permitted at the following times:

daily 2000 – 0500 (1900) – (0400)
Sat 1200 – 1400 (1100) – (1300)
Sun, HOL 1100 – 2000 (1000) – (1900)

Excepted are take-offs for en-route flights.

2. Bayreuth municipal authorities may grant exceptions to these restrictions in individual cases.

EDQD AD 2.21 Noise abatement procedures

NIL

EDQD AD 2.22 Flight procedures

NIL

EDQD AD 2.23 Additional information

NIL

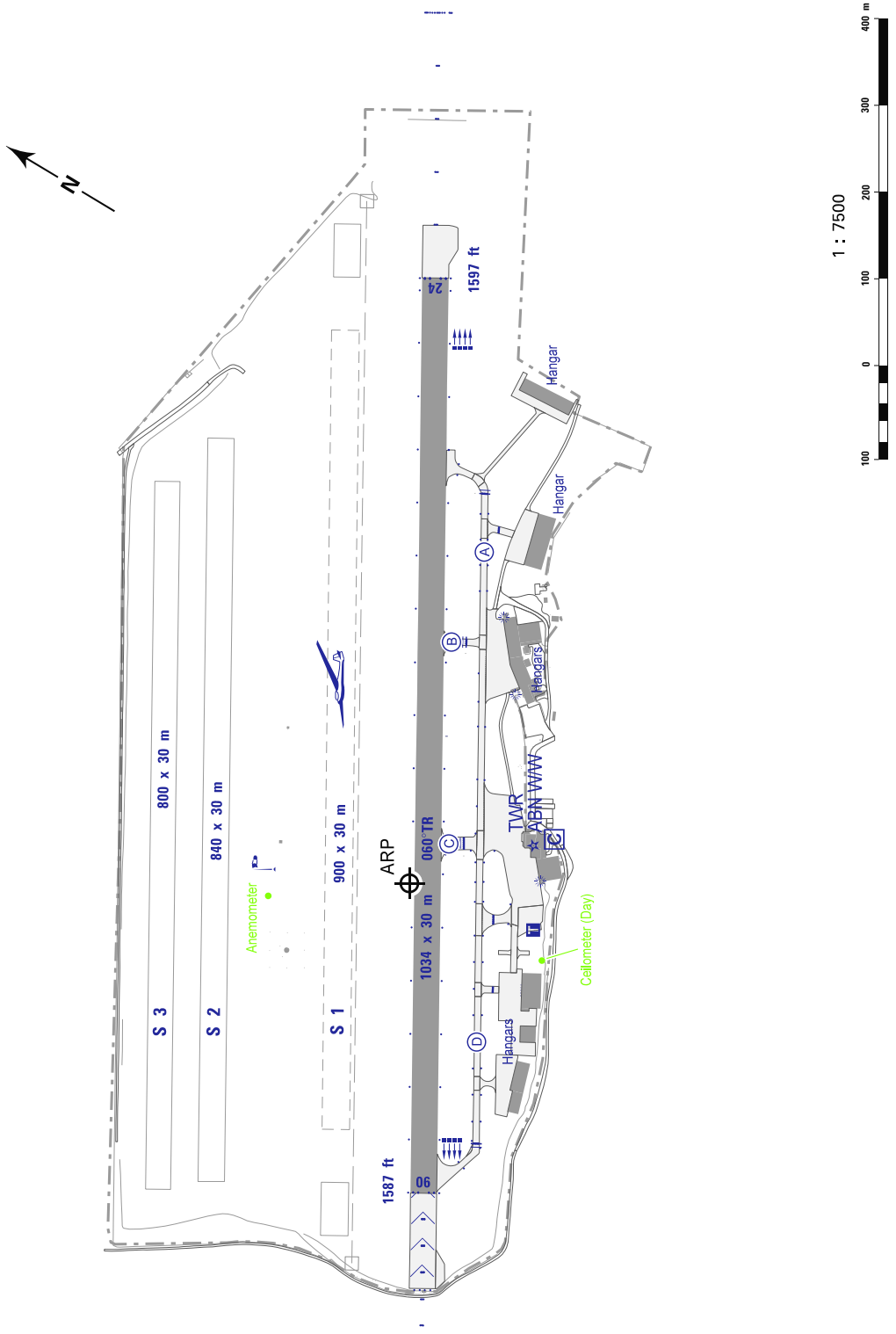
EDQD AD 2.24 Charts related to the aerodrome

Page	Type of chart
AD 2 EDQD 2-5	AERODROME CHART - ICAO
AD 2 EDQD 2-11	AERODROME OBSTACLE CHART - ICAO TYPE A RWY 06/24
AD 2 EDQD 3-1-2	STANDARD ARRIVAL CHART - INSTRUMENT (STAR) RWY 06/24
AD 2 EDQD 4-6-1	INSTRUMENT APPROACH CHART - ICAO RNAV (GPS) RWY 06
AD 2 EDQD 5-7-2	STANDARD DEPARTURE CHART - INSTRUMENT RNAV (GPS) RWY 06
AD 2 EDQD 5-7-4	STANDARD DEPARTURE CHART - INSTRUMENT RNAV (GPS) RWY 24

AERODROME CHART - ICAO

ARP 1601 ft	AERODROME
N 49° 59' 03.94"	ELEVATION
E 011° 38' 18.85"	1601 ft

BAYREUTH



Correction: Grass runways, VOR and VDF withdrawn, hangars, MET facilities, topo.

AERODROME OBSTACLE CHART - ICAO TYPE A

BAYREUTH
RWY 06/24

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

RUNWAY 06/24

DIMENSIONS AND ELEVATIONS IN METRES
MAGNETIC VARIATION 2.9° E (2018.07)

Date of survey: 05/2018
Earth Gravitational Model EGM96

RWY 06	DECLARED DISTANCES	RWY 24
1034 (1094)	Take-off run available	1034 (1094)
1034 (1094)	Take-off distance available	1034 (1094)
1034 (1094)	Accelerate stop distance available	1034 (1094)
1034	Landing distance available	1034

Values in brackets PPR

LEGEND

- Terrain penetrating obstacle plane
- Wooded areas penetrating obstacle plane
- Structure gauge
- Pole, tower, chimney, antenna
- Tree, shrub
- Building
- Obstacle penetrating obstacle plane, profile presentation
- Obstacle penetrating the transitional surfaces
- High tension cable, overhead cable
- Fence
- Railroad (one or more tracks)

1,5%

VERTICAL SCALE 1:2000

HORIZONTAL SCALE 1:20000

057° 488,1 1034 x 30 Asphalt 237° 490,3

Correction: New survey, Earth Gravitational Model 96.

STANDARD ARRIVAL
ROUTES - INSTRUMENT
(STAR) - RNAV (GPS)

BAYREUTH
RWY 06/24

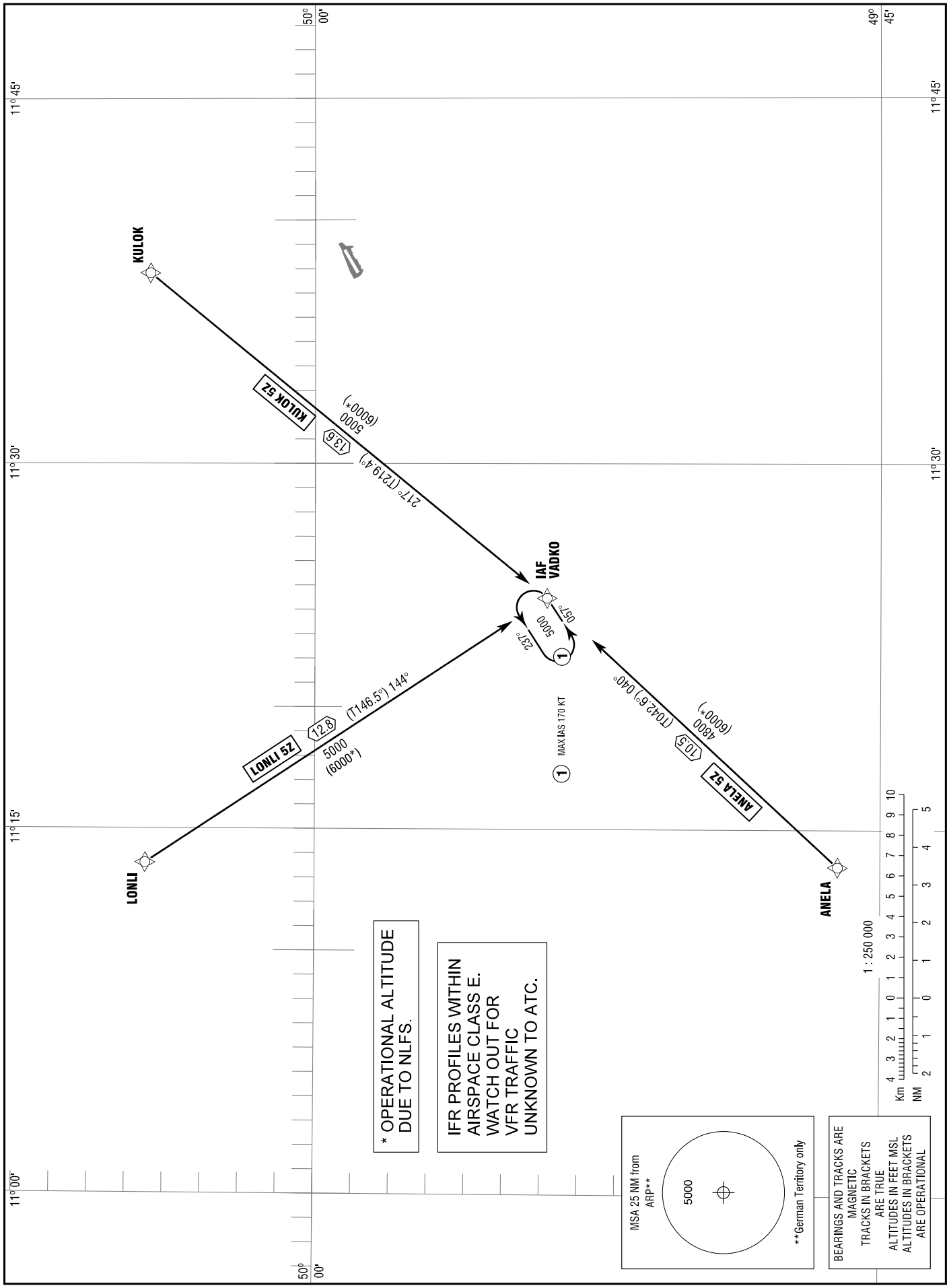
Designator	Identification Significant Points	Mag (True) Track	Dist NM	MNM IFR Crusing Level	Remarks
1	2	3	4	5	6
ANELA 5Z	**ANELA FIVE ZULU**				* Altitude restriction during activity of NLFS.
	△ ANELA				
	△ VADKO	040 (042.6)	10.5	4800 (6000*)	
KULOK 5Z	**KULOK FIVE ZULU**				
	△ KULOK				
	△ VADKO	217 (219.4)	13.6	5000 (6000*)	
LONLI 5Z	**LONLI FIVE ZULU**				
	△ LONLI				
	△ VADKO	144 (146.5)	12.8	5000 (6000*)	

BAYREUTH
RWY 06/24
ANELA 5Z KULOK 5Z LONLI 5Z

MUENCHEN RADAR	129.525
BAYREUTH INFORMATION	127.530

TRANSITION
ALTITUDE 5000
VAR 2° E

STANDARD ARRIVAL
CHART - INSTRUMENT
RNAV (GPS)



Correction: Communications.

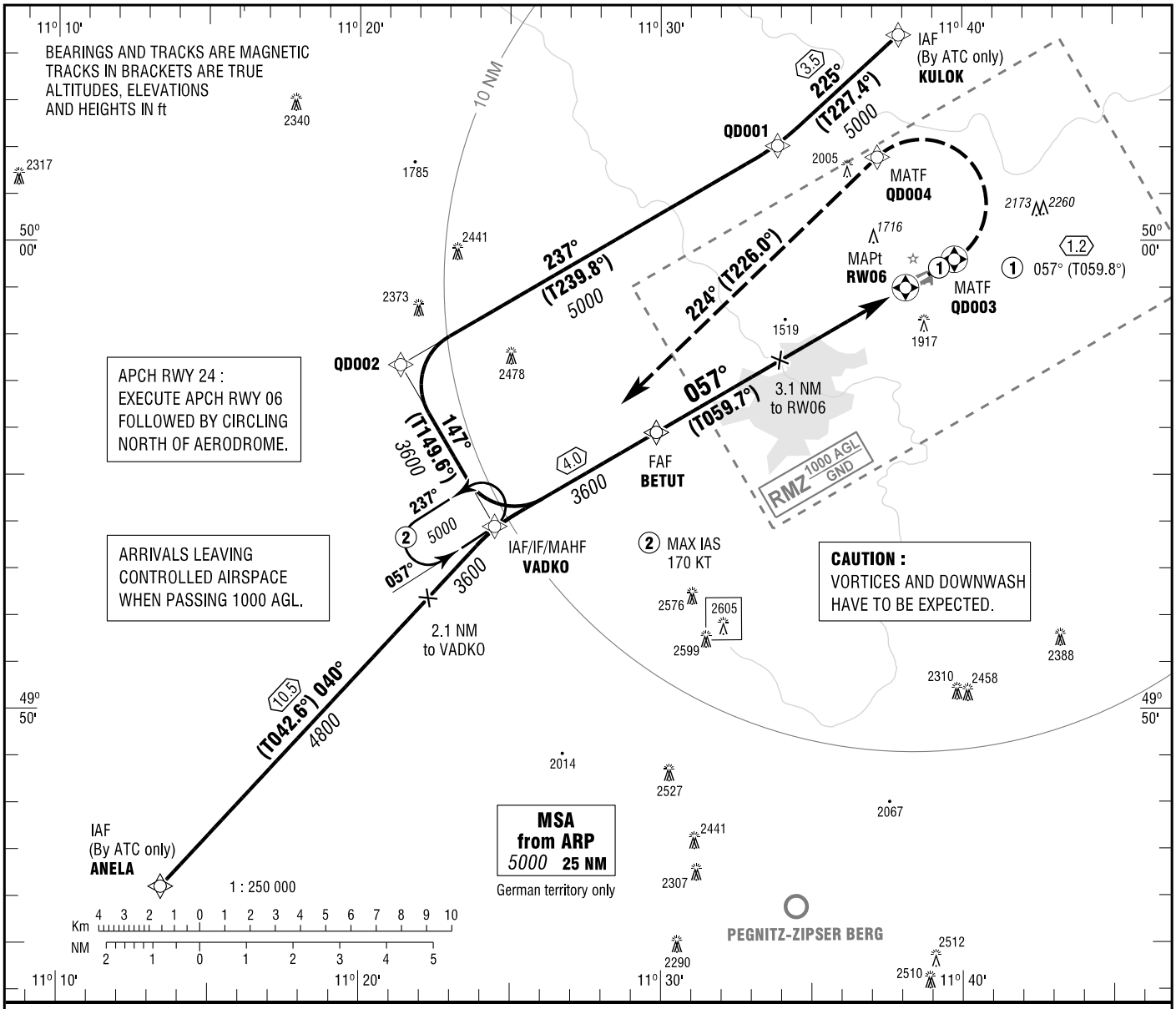
INSTRUMENT APPROACH CHART - ICAO

VAR 2° E

ELEV 1601
OCH RELATED TO THR 06 ELEV 1587

MUENCHEN RADAR 129.525
BAYREUTH INFORMATION 127.530

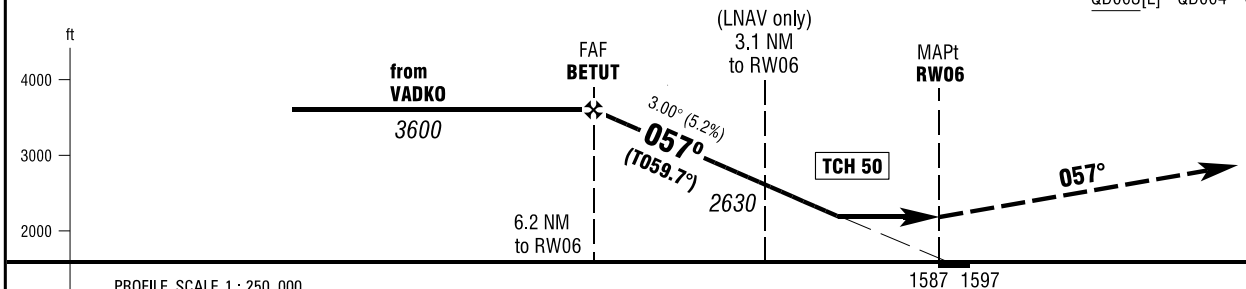
BAYREUTH RNAV (GPS) RWY 06



MISSED APPROACH PROCEDURE

On track 057° to QD003, LT, via QD004 on track 224° to VADKO climbing to 5000.

QD003[L] - QD004 - VADKO[A5000].



OCA(OCH) BASED ON REMOTE QNH	A	B		
LNAV	2340 (760)	2370 (790)		
CIRCLING* OCH RELATED TO AD ELEV	2370 (770)	2670 (1070)		

*NORTH OF AERODROME ONLY.

DIST THR / RW06	6	5	4	3	2	
ALTITUDE	3550	3230	2920	2600	2280	

Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140
BETUT - RW06 (6.2 NM)	MIN:SEC	4:38	3:42	3:05	2:39
Rate of descent (5.2%)	ft / MIN	420	530	640	740

Correction: Communications.

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID) - RNAV (GPS)

BAYREUTH
RWY 06

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
ABERU 3R	**ABERU THREE ROMEO** Climb on track 057° to QD061, LT, on track 327° to QD062 or 4000, whichever is later, RT, via QD063 on track 116° to QD064, LT, on track 088° to ABERU (△). Climb with 6.6% (400 ft/NM) or more until passing 3000. **RNAV(GPS):** [A2000+] - QD061[L] - QD062 - [A4000+; R] - QD063 - QD064[L] - ABERU.	5000 ft	München Radar 129.525	
ANELA 3R	**ANELA THREE ROMEO** Climb on track 057° to QD060, LT, via QD065 on track 211° to SOSID, RT, on track 227° to ANELA (△). Climb with 6.6% (400 ft/NM) or more until passing 3000. **RNAV(GPS):** QD060[A2000+; L] - QD065 - SOSID[R] - ANELA.			
KULOK 3R	**KULOK THREE ROMEO** Climb on track 057° to QD061, LT, on track 327° to QD066, LT, on track 268° to KULOK (△). Climb with 6.6% (400 ft/NM) or more until passing 3000. **RNAV(GPS)**: [A2000+] - QD061[L] - QD066[L] - KULOK.			
LONLI 3R	**LONLI THREE ROMEO** Climb on track 057° to QD061, LT, on track 327° to QD066, LT, on track 268° to LONLI (△). Climb with 6.6% (400 ft/NM) or more until passing 3000. **RNAV(GPS):** [A2000+] - QD061[L] - QD066[L] - LONLI.			
PIVIR 2R	**PIVIR TWO ROMEO** Climb on track 057° to QD060, LT, via QD065 on track 211° to SOSID, LT, on track 196° to PIVIR (△). Climb with 6.6% (400 ft/NM) or more until passing 3000. **RNAV(GPS)**: QD060[A2000+; L] - QD065 - SOSID[L] - PIVIR.			Only for flights DEST EDDN.

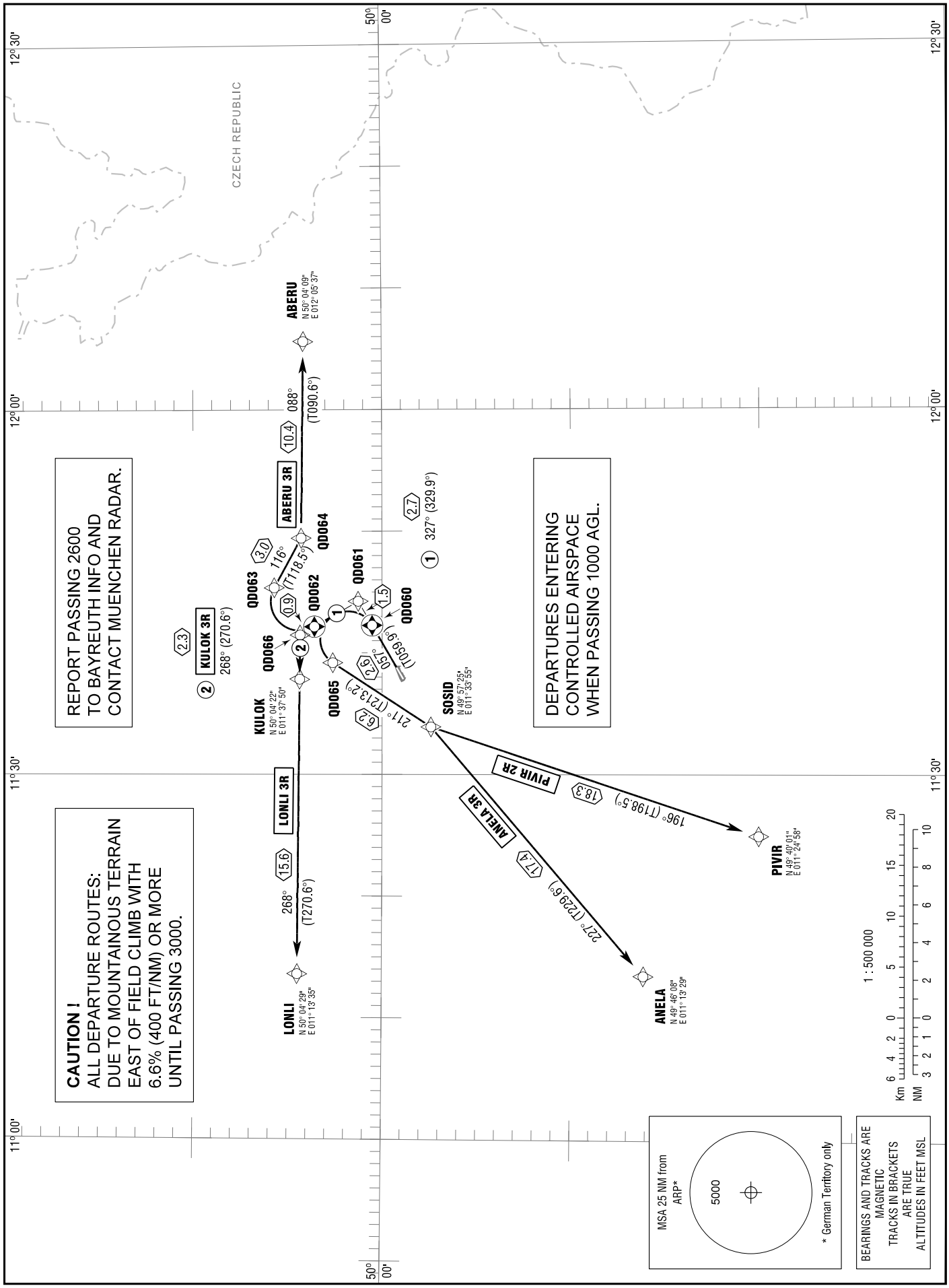
(Sample: QD060 fly-over way point)

BAYREUTH
RWY 06
ABERU 3R ANELA 3R KULOK 3R
LONLI 3R PIVIR 2R

BAYREUTH INFORMATION	127.530
MUENCHEN RADAR	129.525

TRANSITION
ALTITUDE 5000
VAR 2° E

STANDARD DEPARTURE
CHART - INSTRUMENT
RNAV (GPS)



Correction: Communications.

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID) - RNAV (GPS)

BAYREUTH
RWY 24

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
ABERU 2G	**ABERU TWO GOLF** Climb on track 238° to SOSID, RT, via QD020 on track 034° to KULOK (△), RT, on track 088° to ABERU (△). **RNAV(GPS):** [A2000+] - SOSID[R] - QD020 - KULOK[R] - ABERU.	5000 ft	München Radar 129.525	Not to be used during activity of NLFS. ALTN Route by ATC.
ANELA 2G	**ANELA TWO GOLF** Climb on track 238° to SOSID, LT, on track 227° to ANELA (△). Climb with 4.5% (273 ft/NM) or more until passing 5000. **RNAV(GPS):** [A2000+] - SOSID[L] - ANELA.			1. Not to be used during activity of NLFS. ALTN Route by ATC. 2. PDG due to airspace structure.
KULOK 2G	**KULOK TWO GOLF** Climb on track 238° to SOSID, RT, via QD020 on track 034° to KULOK (△). **RNAV(GPS):** [A2000+] - SOSID[R] - QD020 - KULOK.			Not to be used during activity of NLFS. ALTN Route by ATC.
LONLI 2G	**LONLI TWO GOLF** Climb on track 238° to SOSID, RT, on track 296° to LONLI (△). Climb with 4.5% (273 ft/NM) or more until passing 5000. **RNAV(GPS):** [A2000+] - SOSID[R] - LONLI.			1. Not to be used during activity of NLFS. ALTN Route by ATC. 2. PDG due to airspace structure.
PIVIR 1G	**PIVIR ONE GOLF** Climb on track 238° to SOSID, LT, on track 196° to PIVIR (△). Climb with 4.5% (273 ft/NM) or more until passing 5000. **RNAV(GPS):** [A2000+] - SOSID[L] - PIVIR.			1. Only for flights DEST EDDN. 2. Not to be used during activity of NLFS. ALTN Route by ATC. 3. PDG due to airspace structure.

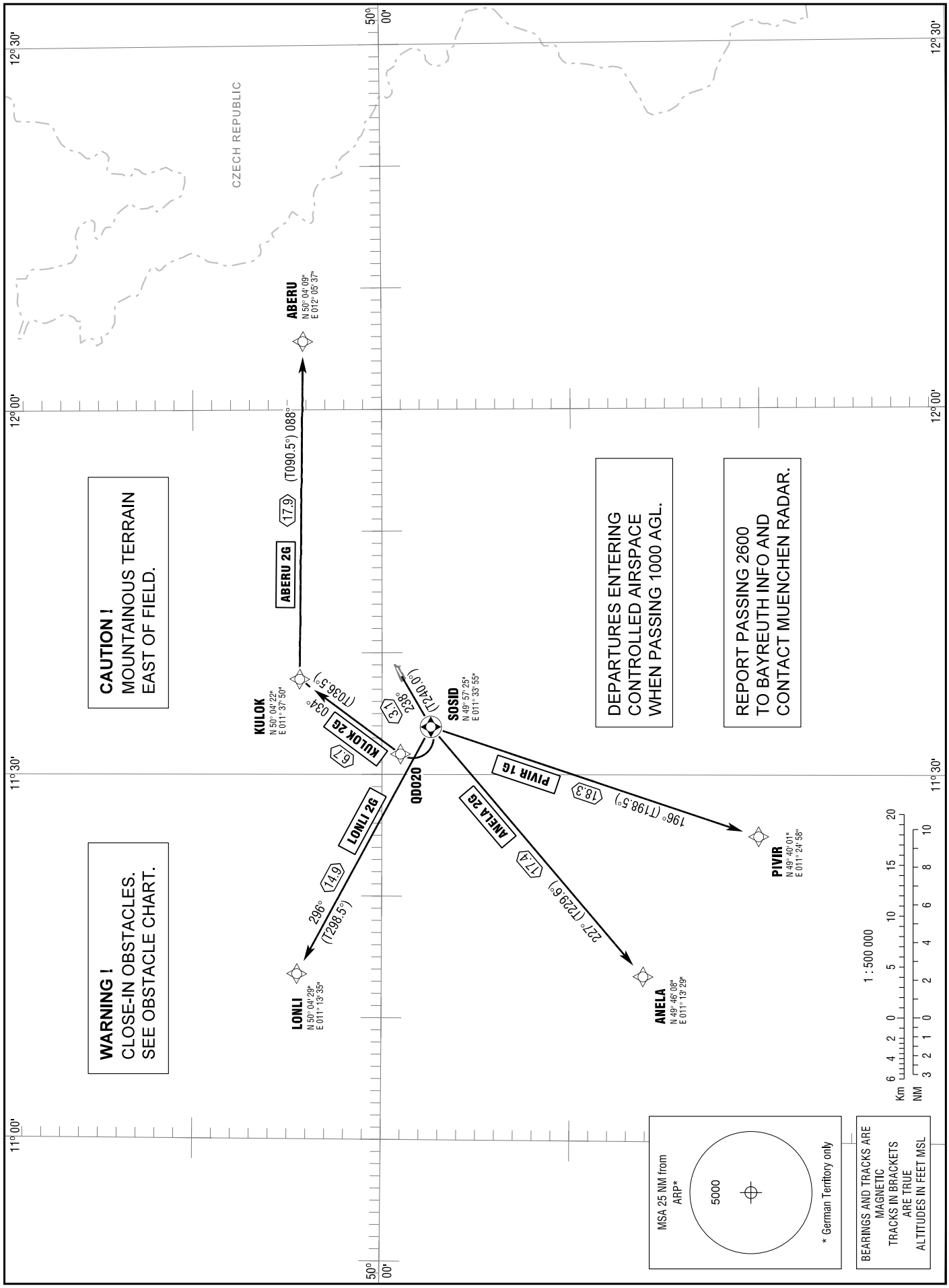
(Sample: SOSID fly-over way point)

BAYREUTH
RWY 24
ABERU 2G ANELA 2G KULOK 2G
LONLI 2G PIVIR 1g

BAYREUTH INFORMATION	127.530
MUENCHEN RADAR	129.525

TRANSITION
ALTITUDE 5000
VAR 2° E

STANDARD DEPARTURE
CHART - INSTRUMENT
RNAV (GPS)



Correction: Communications.

	CODING		DISPLAY	
RNAV (GPS) Approach to RWY 06 from VADKO				
VADKO (IAF)	N 49 53 50.82	E 011 24 28.54	N 49 53.8	E 011 24.5
BETUT (FAF)	N 49 55 51.80	E 011 29 49.21	N 49 55.9	E 011 29.8
RW06 (MAPt)	N 49 58 57.69	E 011 38 04.18	N 49 59.0	E 011 38.1
QD003 (MATF)	N 49 59 34.12	E 011 39 41.22	N 49 59.6	E 011 39.7
QD004 (MATF)	N 50 01 45.07	E 011 37 07.71	N 50 01.8	E 011 37.1
VADKO (MAHF)	N 49 53 50.82	E 011 24 28.54	N 49 53.8	E 011 24.5
RNAV (GPS) Approach to RWY 06 from ANELA				
ANELA (IAF)	N 49 46 07.55	E 011 13 28.57	N 49 46.1	E 011 13.5
VADKO (IF)	N 49 53 50.82	E 011 24 28.54	N 49 53.8	E 011 24.5
BETUT (FAF)	N 49 55 51.80	E 011 29 49.21	N 49 55.9	E 011 29.8
RW06 (MAPt)	N 49 58 57.69	E 011 38 04.18	N 49 59.0	E 011 38.1
QD003 (MATF)	N 49 59 34.12	E 011 39 41.22	N 49 59.6	E 011 39.7
QD004 (MATF)	N 50 01 45.07	E 011 37 07.71	N 50 01.8	E 011 37.1
VADKO (MAHF)	N 49 53 50.82	E 011 24 28.54	N 49 53.8	E 011 24.5
RNAV (GPS) Approach to RWY 06 from KULOK				
KULOK (IAF)	N 50 04 22.09	E 011 37 49.67	N 50 04.4	E 011 37.8
QD001 (TF)	N 50 01 59.72	E 011 33 49.60	N 50 02.0	E 011 33.8
QD002 (TF)	N 49 57 17.78	E 011 21 20.83	N 49 57.3	E 011 21.3
VADKO (IF)	N 49 53 50.82	E 011 24 28.54	N 49 53.8	E 011 24.5
BETUT (FAF)	N 49 55 51.80	E 011 29 49.21	N 49 55.9	E 011 29.8
RW06 (MAPt)	N 49 58 57.69	E 011 38 04.18	N 49 59.0	E 011 38.1
QD003 (MATF)	N 49 59 34.12	E 011 39 41.22	N 49 59.6	E 011 39.7
QD004 (MATF)	N 50 01 45.07	E 011 37 07.71	N 50 01.8	E 011 37.1
VADKO (MAHF)	N 49 53 50.82	E 011 24 28.54	N 49 53.8	E 011 24.5

RNAV (GPS) DEPARTURE ROUTES

IDENT	CODING		DISPLAY	
QD060	N 50 00 31.59	E 011 42 15.22	N 50 00.5	E 011 42.3
QD061	N 50 01 16.04	E 011 44 14.27	N 50 01.3	E 011 44.2
QD062	N 50 03 35.30	E 011 42 09.00	N 50 03.6	E 011 42.2
QD063	N 50 05 42.89	E 011 45 21.29	N 50 05.7	E 011 45.4
QD064	N 50 04 17.11	E 011 49 26.33	N 50 04.3	E 011 49.4
QD065	N 50 02 36.93	E 011 39 11.12	N 50 02.6	E 011 39.2
QD066	N 50 04 20.75	E 011 41 28.06	N 50 04.3	E 011 41.5
QD020	N 49 59 01.30	E 011 31 40.62	N 49 59.0	E 011 31.7
ABERU	N 50 04 09.10	E 012 05 37.39	N 50 04.2	E 012 05.6
ANELA	N 49 46 07.55	E 011 13 28.57	N 49 46.1	E 011 13.5
KULOK	N 50 04 22.09	E 011 37 49.67	N 50 04.4	E 011 37.8
LONLI	N 50 04 29.06	E 011 13 34.99	N 50 04.5	E 011 13.6
PIVIR	N 49 40 01.49	E 011 24 57.83	N 49 40.0	E 011 25.0
SOSID	N 49 57 24.78	E 011 33 54.57	N 49 57.4	E 011 33.9

THRESHOLD COORDINATES

THR	CODING		DISPLAY	
RWY 06	N 49 58 57.69	E 011 38 04.18	N 49 59.0	E 011 38.1
RWY 24	N 49 59 14.50	E 011 38 49.05	N 49 59.2	E 011 38.8