

12-OCT-2017

RMS-ETAR

1-10

A01**A01****GENERAL****Operational Hours****ATS Hours / OPS Hours:** H24**Airport Information**

RFF: O/R, CAT unknown.
Fuel: J8, 0500-2100‡
PCN: RWY 08/26: 74/R/B/W/T
 RWY 09/27: 62/R/C/W/T.
Customs: 0500-2200‡

Operation**Traffic Notes**

PPR, REQ earliest 7 days and latest 24HR in advance.
 Re-coordinate PPR when arriving 30min prior or 30min after approved ARR time.
 AD CLSD 1st and 3rd SUN of each month from 2100‡ till MON 0500‡.

Low Visibility Procedure

LVP in force when RVR and VIS at or below 800m or CEIL below 200ft.
 LVP in force on maneuvering area when RVR at or below 400m.
 Usable TWYs are A, E, F, G between RWY 08/26 and Ramp 5, and TWY K.

Preferential RWY

LDG RWY 26, 27.

RWY Restriction

RWY CLSD 2100-0500‡ 2nd SUN every month. AVBL in EMERG with 20min PN.
 Wide body ACFT 180°-turn at RWY end only.

TWY Restriction

TWY B (north) CLSD.
 TWY C, D (east) MAX wingspan 43m /142ft.
 TWY D (west) MAX wingspan 52m /170ft.
 TWY E (north) MAX wingspan 69m /226ft.
 TWY F MAX wingspan 68m /222ft.
 TWY G (south) MAX wingspan 24m /78ft.
 TWY G (north) MAX wingspan 68m /224ft.
 Southern taxi tracks MAX wingspan 12m /39ft, AVBL HJ only.

Taxi/Parking

Use MNM PWR and inboard ENG only to avoid FOD when taxiing and when entering Ramp 5A.
 When taxiing into/out of Ramp 1, 2, 3, 4, 5, 7, 8 use MNM PWR only.
 Departing ACFT must ensure CL PSN before power-up to avoid RWY closure for removal of FOD hazard.
 CLSD areas are marked and lighted appropriately.
 Ramp 3 spot 1 for onload/offload PAX.
 Parking prohibited on Ramp 1, stands 12 and 19, southernmost taxilane used for parking, no taxi through allowed.

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AOI**A01****GENERAL****Warnings****RMS DME** unusable:

008°-099°, 236°-254° beyond 15NM below 5000ft.

100°-108° beyond 5NM below 8000ft.

109°-179° beyond 5NM.

180°-217° beyond 10NM.

218°-235° beyond 15NM.

286°-007° beyond 7NM below 5000ft.

MAINT: MON-FRI 2300-0400±

ILS LOC MAINT: MON-FRI 2300-0400±

The airspace around ETAR (from 2NM S, 12NM W and E and 6NM N of AD) between 3000ft and 5000ft is a high potential area of collision.

Extensive glider and GA activity in vicinity of IAFs FRANK and MAPIG during summer.

Avoid overflying nuclear reactors below 2000ft with a radius of 0.8NM around the reactor building.

Uncontrolled vehicle OPS on Ramps and TWYs.

Laser beam emissions reported in vicinity of AD. Report any suspected incidents to ATC.

Birds, deer, foxes and rabbits on and in vicinity of AD.

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A01**A01****ARRIVAL****Communication**

Do not contact TWR outside 25NM and above 4000ft.

COM Failure: See CRAR Germany.

Arrival Procedure

Noise Abatement Procedure: See CRAR Germany and in addition;

Night Restriction: No LDG between 2100-0500± SUN-SAT, 2100± SAT-1200± SUN and Geman HOL. Until 12NM from TDZ clean configuration of ACFT, MAX IAS 210KT.

From 12NM to TDZ intermediate flap setting, LDG gear retracted, MAX IAS 160KT.

Intercept GS at MNM 3000ft AAL.

LDG configuration must be established shortly prior to or over the OM, gear must be extended, flaps ready for LDG and the ACFT stabilized at a safe APCH speed.

Non-standard GP Intercept Position on**RWY 08**

GP intercept RWY 08 at *326m / 1069ft* after landing THR.

Remaining LDG DIST beyond GP is *2874m / 9430ft*.

RWY 09

GP intercept RWY 09 at *326m / 1069ft* after landing THR.

Remaining LDG DIST beyond GP is *2674m / 8774ft*.

RWY 26

GP intercept RWY 26 at *320m / 1049ft* after landing THR.

Remaining LDG DIST beyond GP is *2880m / 9450ft*.

RWY 27

GP intercept RWY 27 at *326m / 1069ft* after landing THR.

Remaining LDG DIST beyond GP is *2674m / 8774ft*.

VIS APCH

Avoid overflight of cities and villages unless operationally necessary. Aircraft flying a visual approach to Runway 26/27 from the East are requested to fly a ground track that follows Autobahn 6 North of Kaiserslautern City.

VFR Traffic Pattern

VFR pattern CLSD on 2nd FRI of each month, FRI 1100-1300± for ALTN TWR OPS.

Warnings

RWY 26 and 27 THR in close proximity. Exercise extreme caution!

DEPARTURE**Take-off Minima**

RWY		08/26, 09/27	
1+2 ENG	ft - m/km	0 - 1.5R/1.5V	For obstacle avoidance with DEP PROC only
3+4 ENG		0 - 700R/700V	

Communication

COM Failure: See CRAR Germany.

Departure Procedure**Start-up/Push-back**

ENG start prohibited prior to 0500±.

Preferred IFR DEP is TOLEY 2.

Lift-off latest at displaced THR of opposite RWY end.

Noise Abatement Procedure: See CRAR Germany and in addition;

Night Restriction: No TKOF between 2100-0500± SUN-SAT, 2100± SAT-1200± SUN and Geman HOL. SUN and german HOL ENG start approved 30min prior to end of night flight restriction but no DEP until 1200±.

TKOF to 1500ft AGL: TKOF PWR, TKOF FLAPS, climb at V2+10KT (or as limited by angle of attack).

At 1500ft AGL: Reduce PWR to not less than climb PWR. At 3000ft acceleration during climb and retraction of flaps, normal transition to ENR climb.

De-Icing

AVBL.

31-MAY-2018
RMS-ETAR

Germany **Ramstein** Ramstein AB

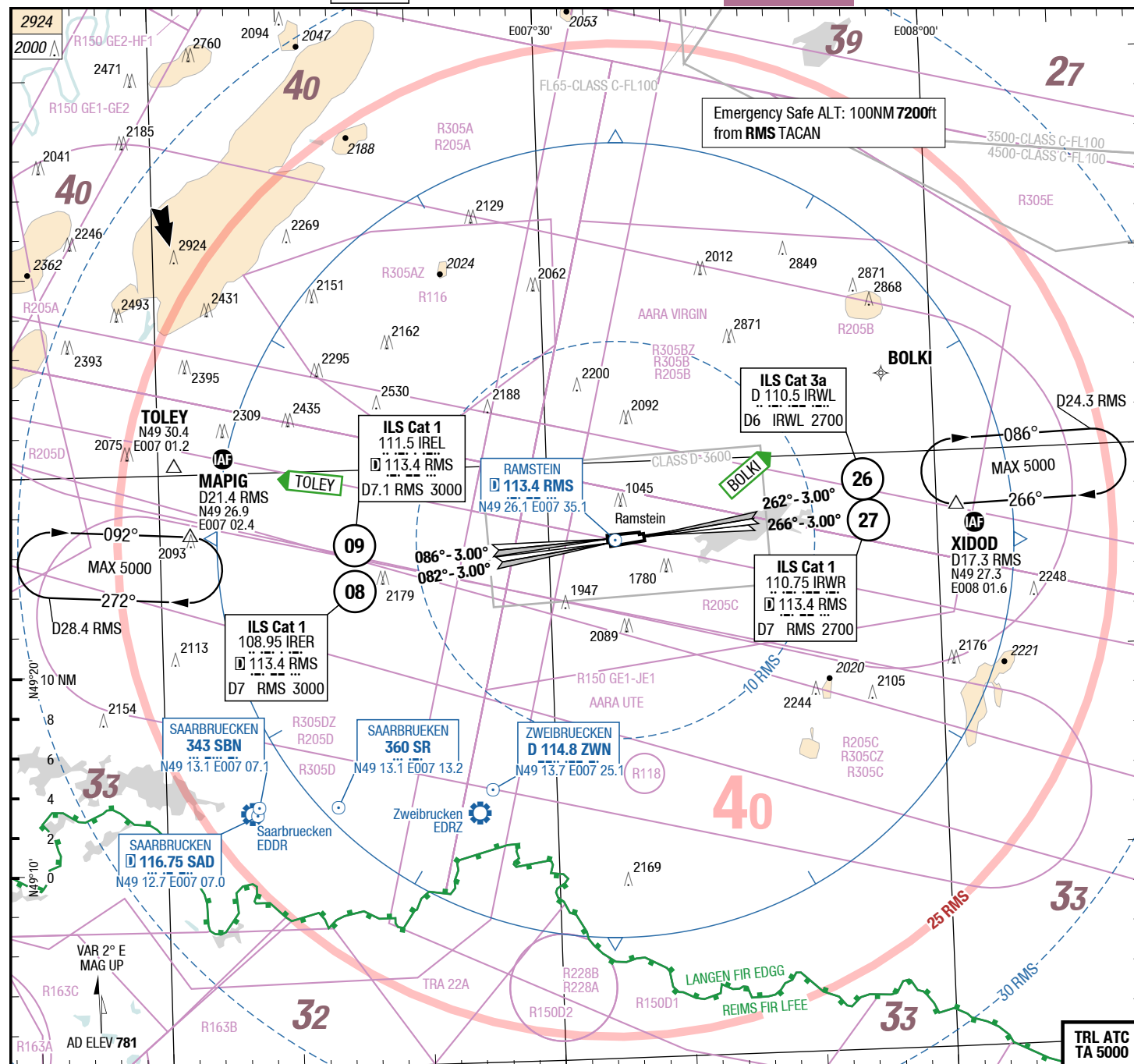
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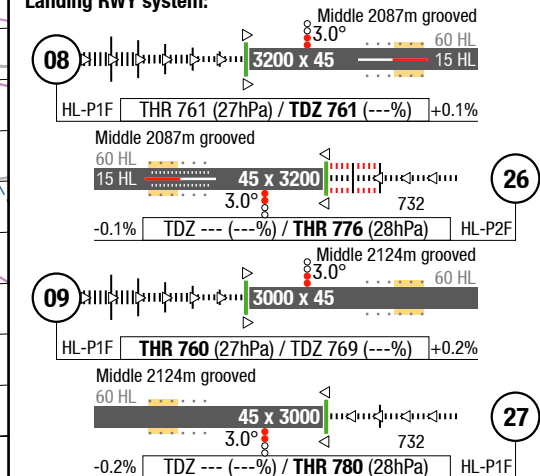
Ramstein AB **Ramstein** Germany

AGC
AFC



Langen RAD 129.675
TWR 133.200
GND 121.775

Landing RWY system:



Changes: ASP, OBST, SUAs

31-MAY-2018
RMS-ETAR

Germany **Ramstein** Ramstein AB

AGC

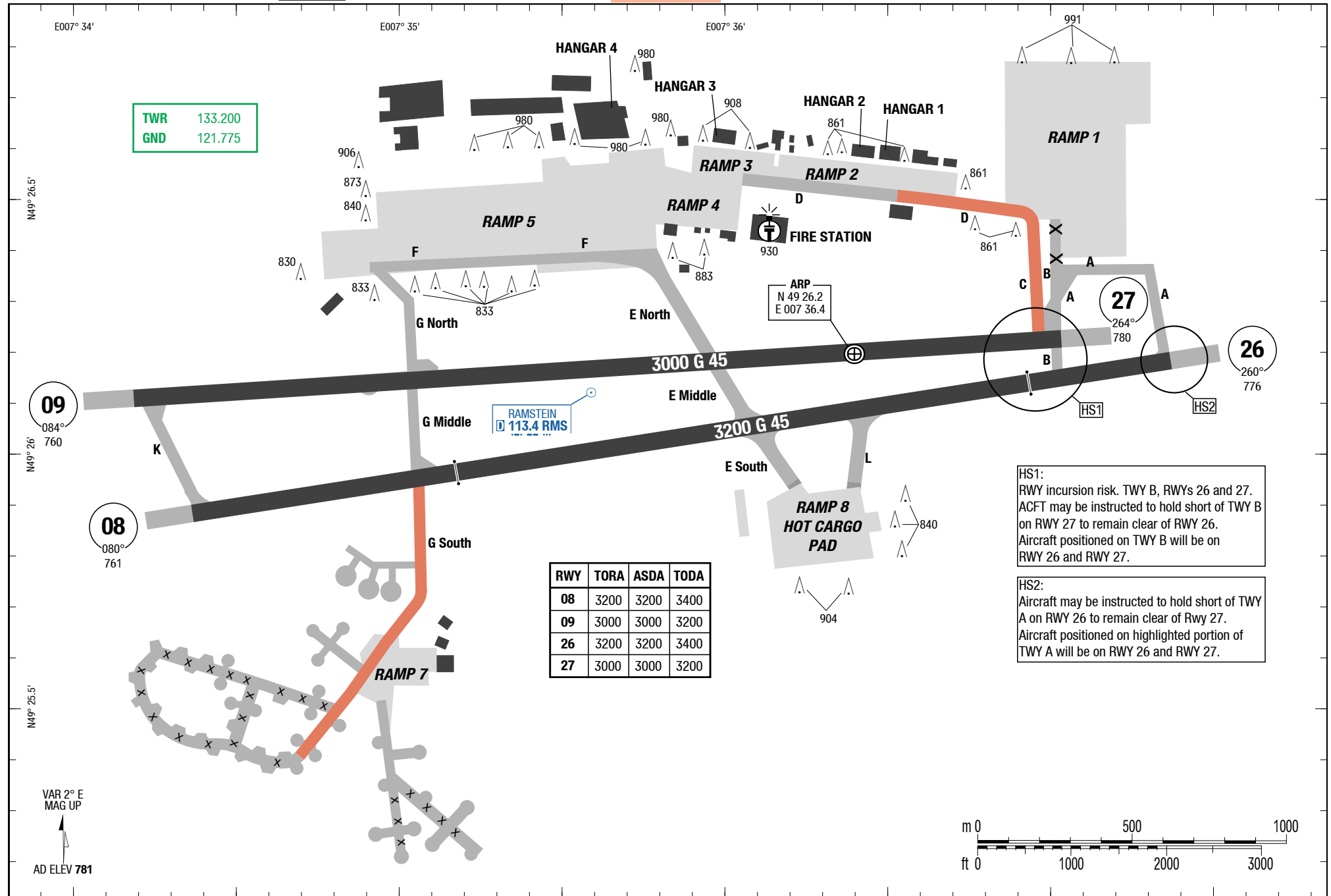
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Ramstein AB **Ramstein** Germany

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3-20



Changes: Nil

31-MAY-2018

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Germany **Ramstein** Ramstein AB

BOLKI 2

RNAV BOLKI 2

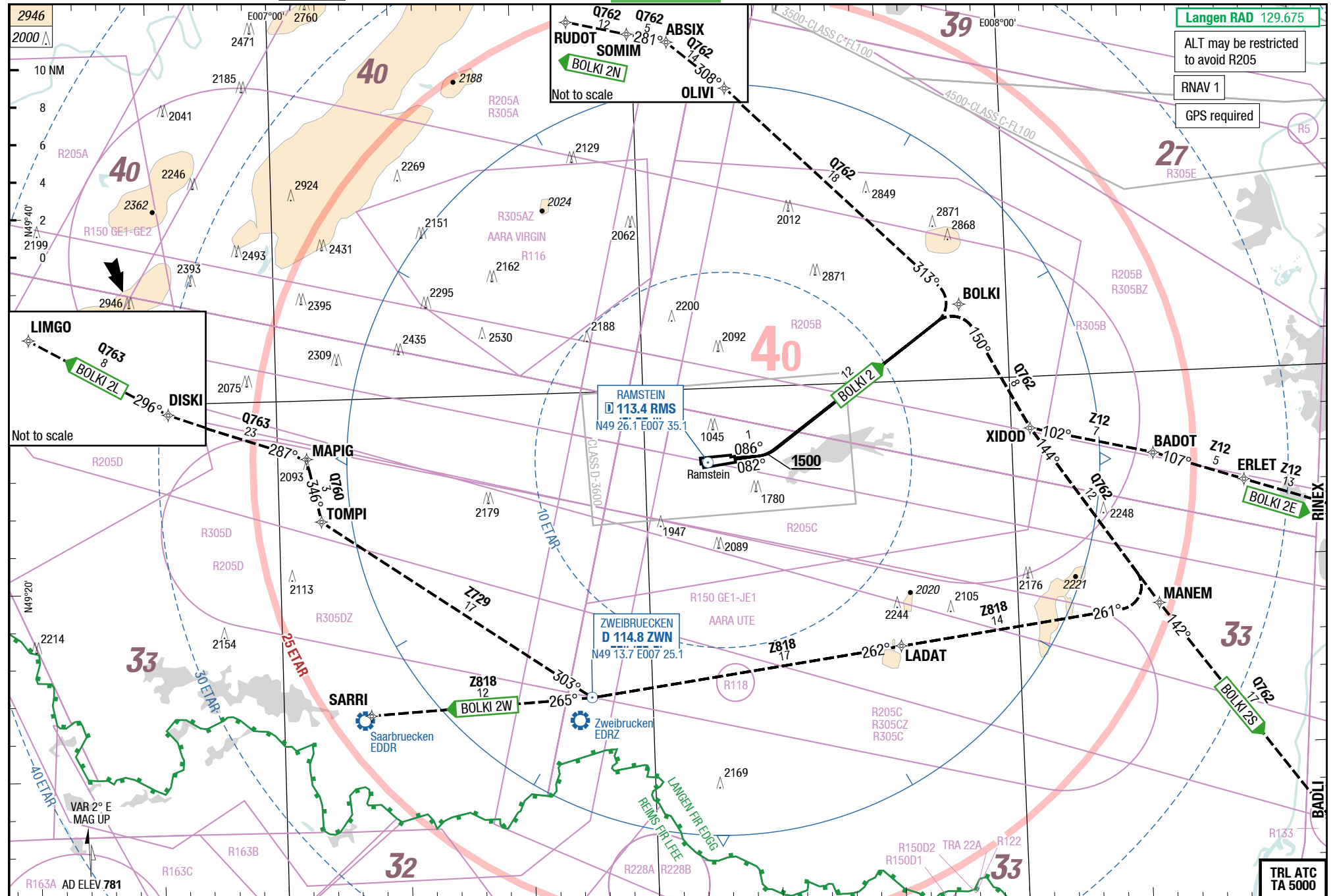
SID

SID

Ramstein AB **Ramstein** Germany

BOLKI 2

RNAV BOLKI 2



Changes: WPT, OBST

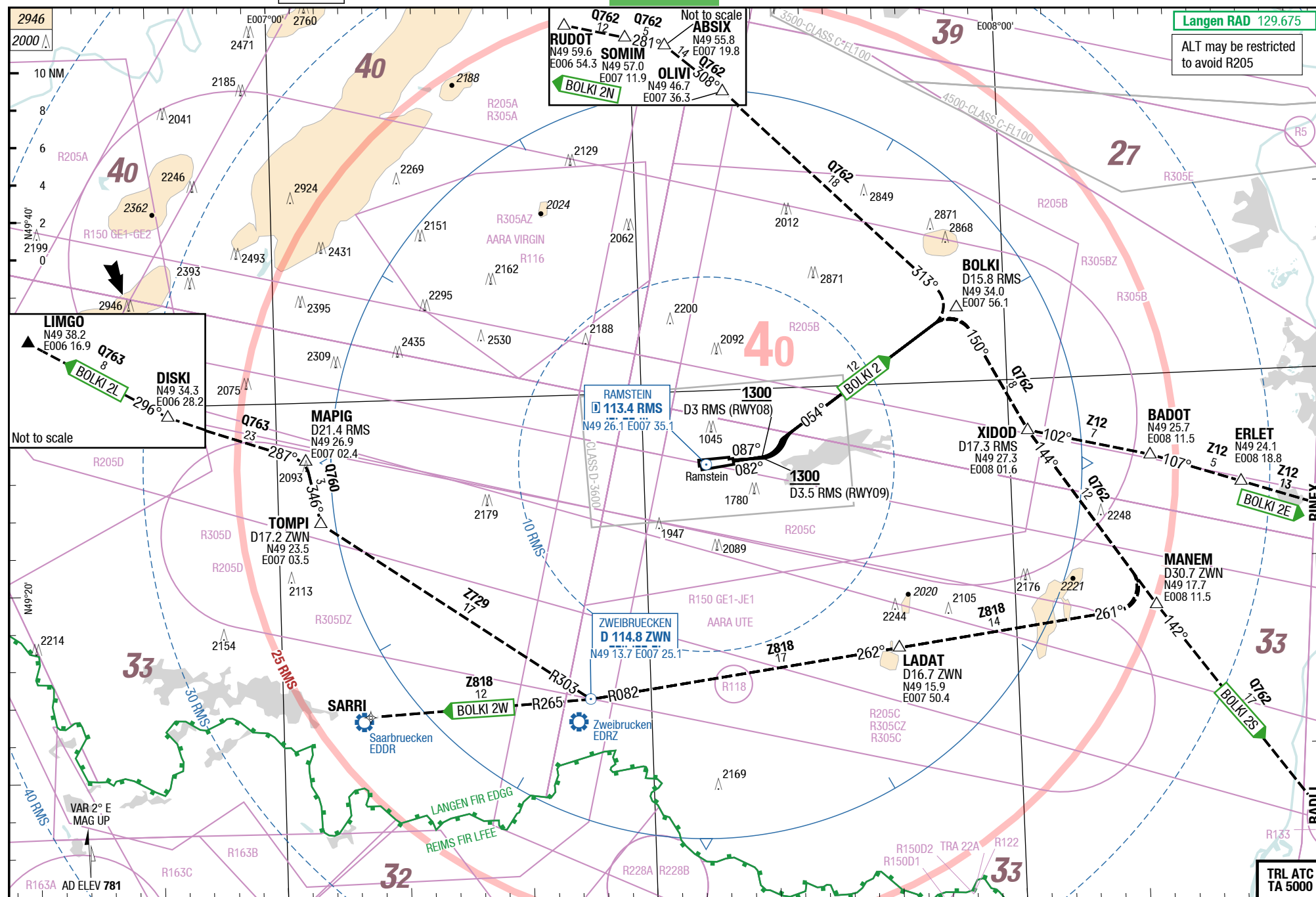
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BOLKI 2

SID

SID

BOLKI 2



Changes: WPT , OBST

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NIL

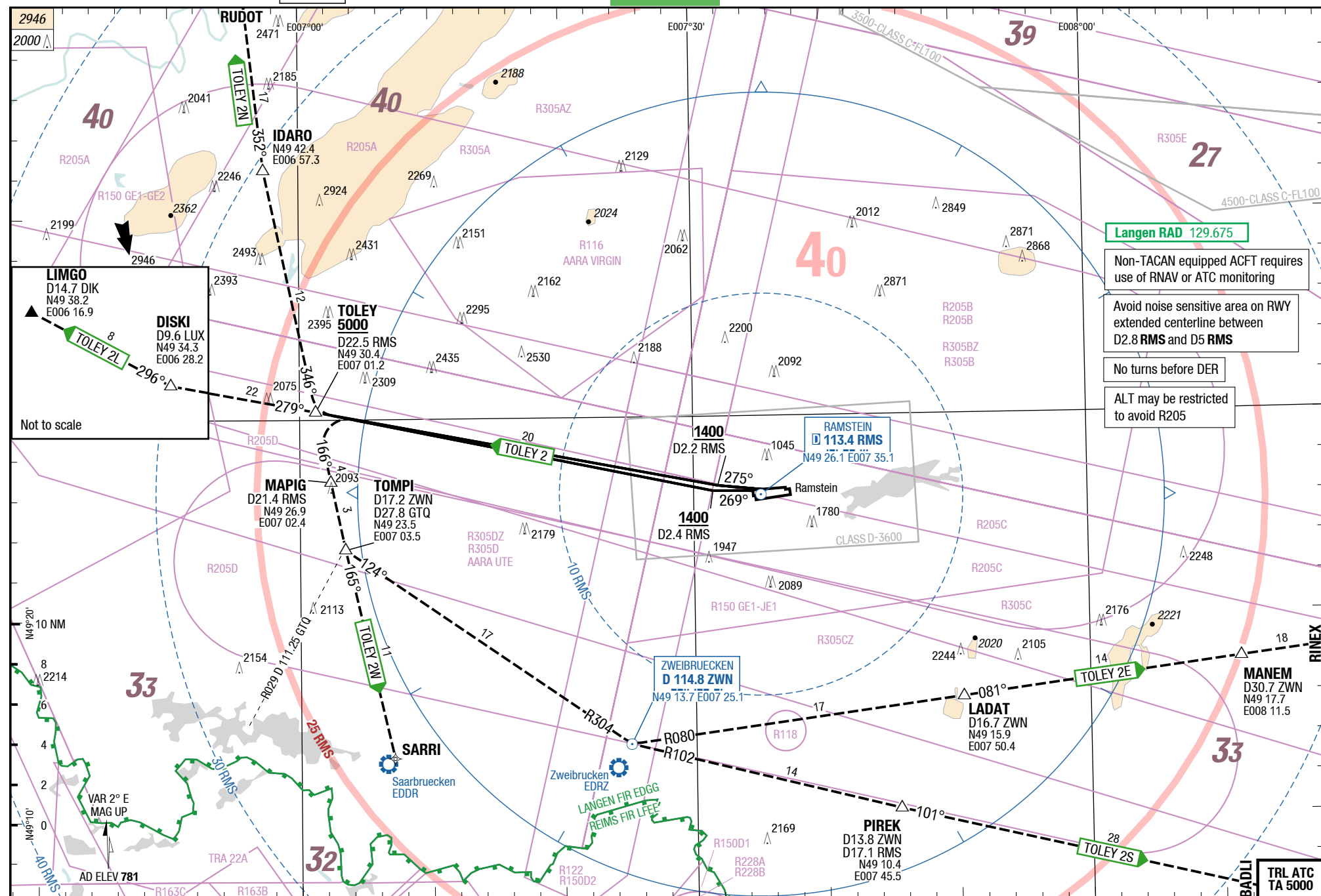
TOLEY 2

SID

SID

NIL

TOLEY 2



Changes: WPT , OBST, SUAs

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BOLKI 2

RWYs 08 (080°) / 09 (084°)

	GS	120	150	180	210	240	270
4.9%	ft/MIN	600	800	900	1100	1200	1400
5.1%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 08/09	
BOLKI 2 5.1% to 1500 (RWY 09) 4.9% to 5000 (ATC) 129.675 ①	RWY 08 082° at MNM 1500 LT direct BOLKI RWY 09 086° at MNM 1500 LT direct BOLKI	initial climb 5000
	TRANSITION	
	BOLKI 2E BOLKI - XIDOD - BADOT - ERLET - RINEX	
	BOLKI 2L BOLKI - XIDOD - MANEM - LADAT - ZWN - TOMPI - MAPIG - DISKI - LIMGO	
	BOLKI 2N BOLKI - OLIVI - ABSIX - SOMIM - RUDOT	
	BOLKI 2S BOLKI - XIDOD - MANEM - BADLI	
	BOLKI 2W BOLKI - XIDOD - MANEM - LADAT - ZWN - SARRI	

① No turns before DER.

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BOLKI 2**SIDPT****BOLKI 2**

RWYs 08 (080°) / 09 (084°)

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 08/09	
BOLKI 2 4.3% to 1600 (RWY08) 5.0% to 1600 (RWY09) 129.675 ①②	RWY 08 082° at D3 RMS LT 054° to BOLKI RWY 09 087° at D3.5 RMS LT 054° to BOLKI	D3 RMS MNM 1300 D3.5 RMS MNM 1300 initial climb 5000
	TRANSITION	
	BOLKI 2E BOLKI - XIDOD - BADOT - ERLET - RINEX	
	BOLKI 2L BOLKI - XIDOD - MANEM - LADAT - ZWN - TOMPI - MAPIG - DISKI - LIMGO	
	BOLKI 2N BOLKI - OLIVI - ABSIX - SOMIM - RUDOT	
	BOLKI 2S BOLKI - XIDOD - MANEM - BADLI	
	BOLKI 2W BOLKI - XIDOD - MANEM - LADAT - ZWN - SARRI	

① Expect further clearance prior to BOLKI or passing 4000.

② No turns before DER.

TOLEY 2

RWYs 26 (260°) / 27 (264°)

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 26/27	
TOLEY 2 5.1% to 1400 (RWY 27) 129.675 ①	RWY 26 275°- at D2.2 RMS RT direct TOLEY RWY 27 269°- at D2.4 RMS RT direct TOLEY	D2.2 RMS MNM 1400 (RWY 26) D2.4 RMS MNM 1400 (RWY 27) initial climb 5000
	TRANSITION	
	TOLEY 2E TOLEY - MAPIG - TOMPI - ZWN - LADAT - MANEM - RINEX	
	TOLEY 2L TOLEY - DISKI - LIMGO	
	TOLEY 2N TOLEY - IDARO - RUDOT	
	TOLEY 2S TOLEY - MAPIG - TOMPI - ZWN - PIREK - BADLI	
	TOLEY 2W TOLEY - MAPIG - TOMPI - SARRI	

① Do not turn before DER.

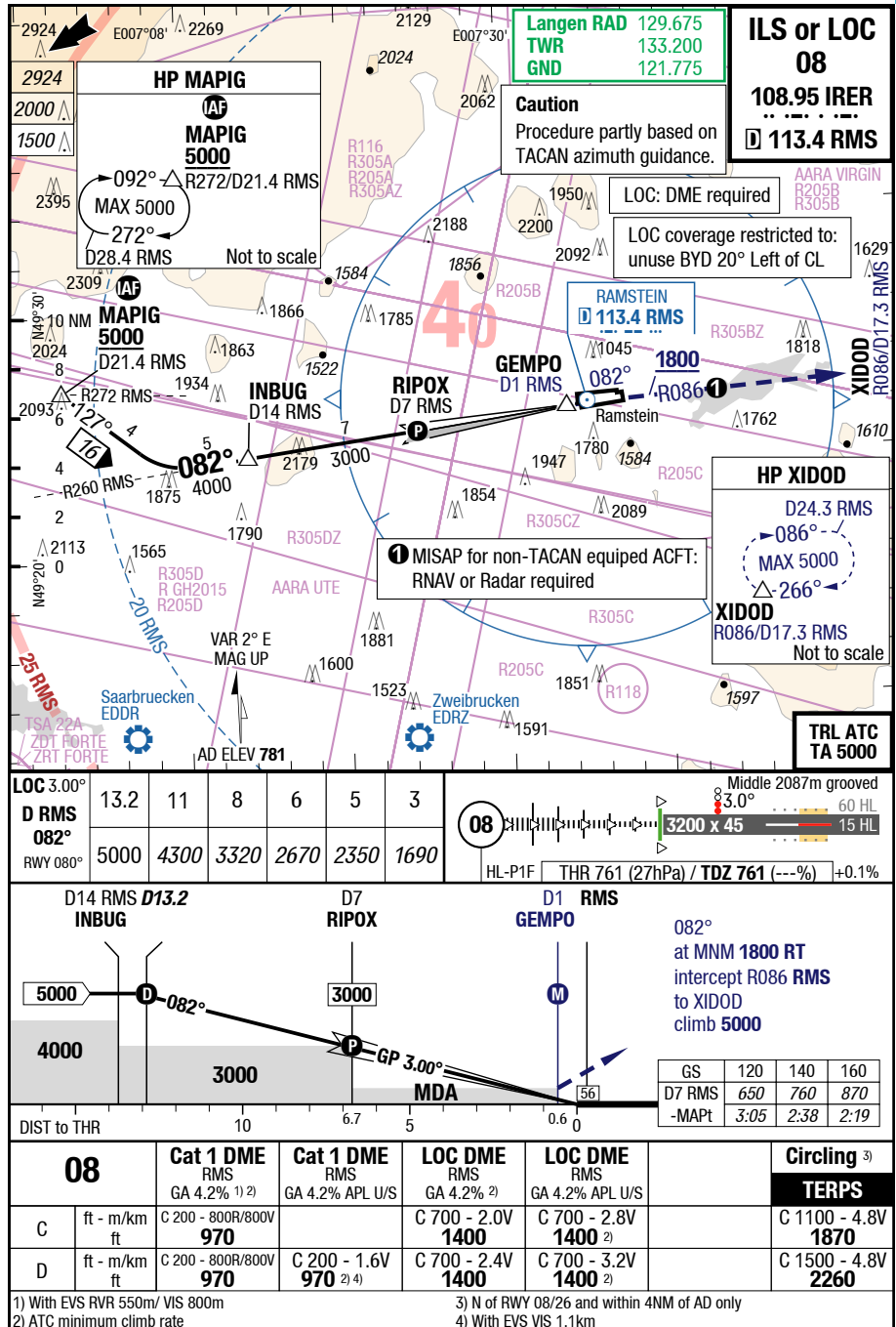
Obstacle Departure	
RWY	Notes
08	Trees 82ft AGL/860ft MSL, 3131ft from DER, 1198ft left of centerline.
09	Tree line 100ft AGL/924ft MSL, 1703ft from DER, 1151ft left of centerline.
26	Trees 65ft AGL/828ft MSL, 2468ft from DER, 1089ft left of centerline.
27	Trees 50ft AGL/800ft MSL, 1308ft from DER, 580ft right of centerline. Trees 82ft AGL/851ft MSL, 2420ft from DER, 1191ft right of centerline. Pylons 98ft AGL/ 877ft MSL, 4467ft from DER, 888ft right of centerline.

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ILS or LOC 08



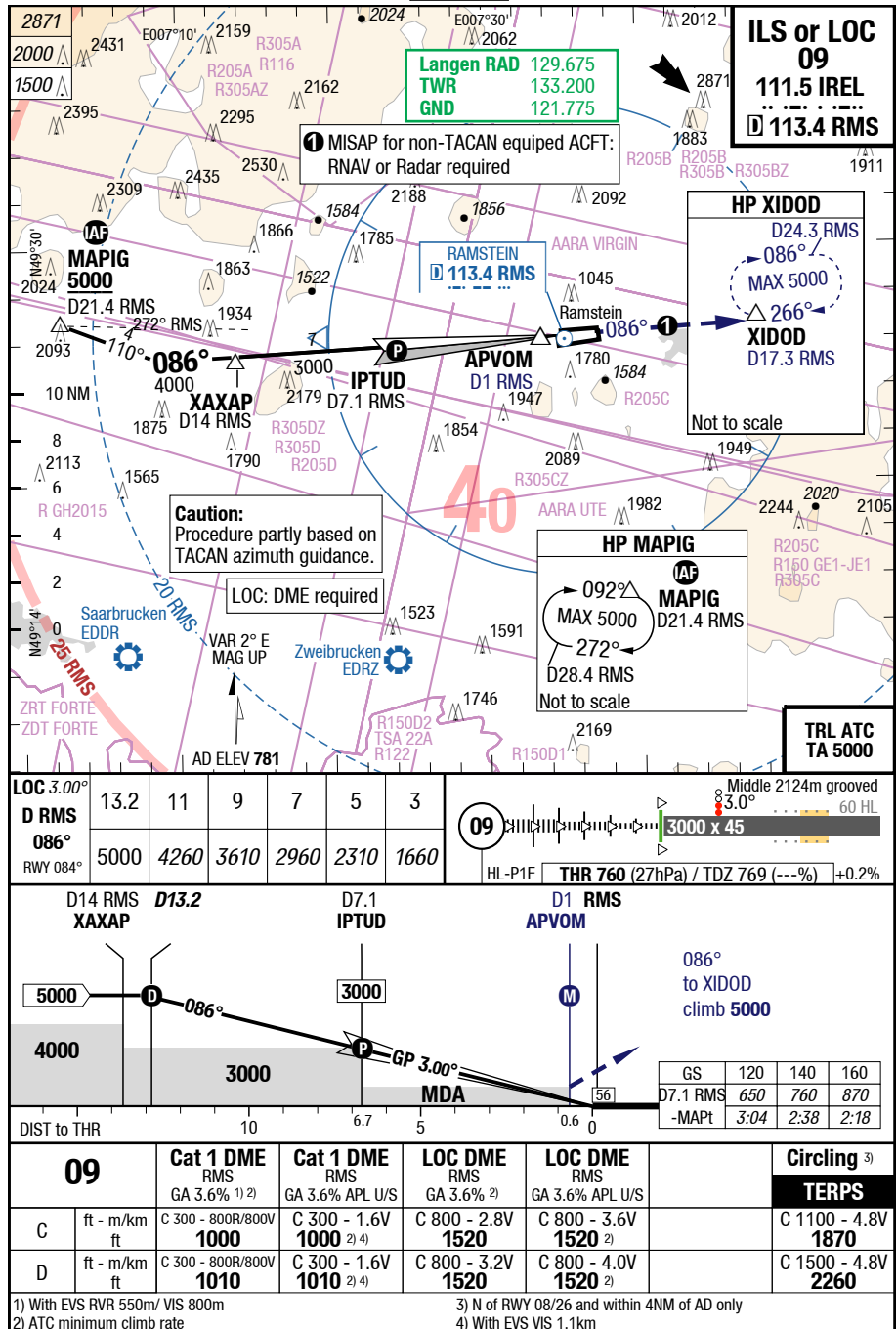
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RMS-ETAR

7-20

ILS or LOC 09



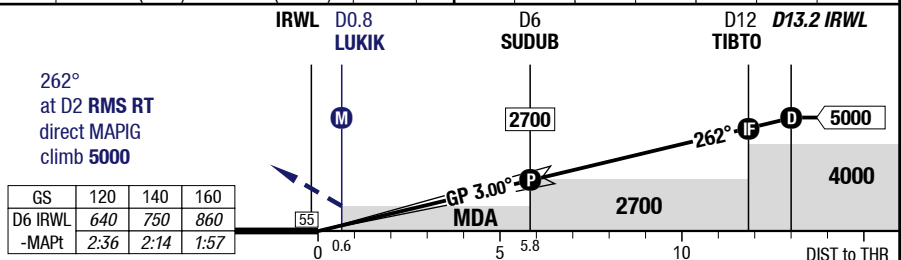
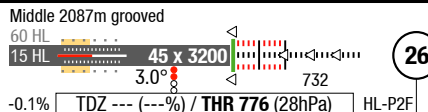
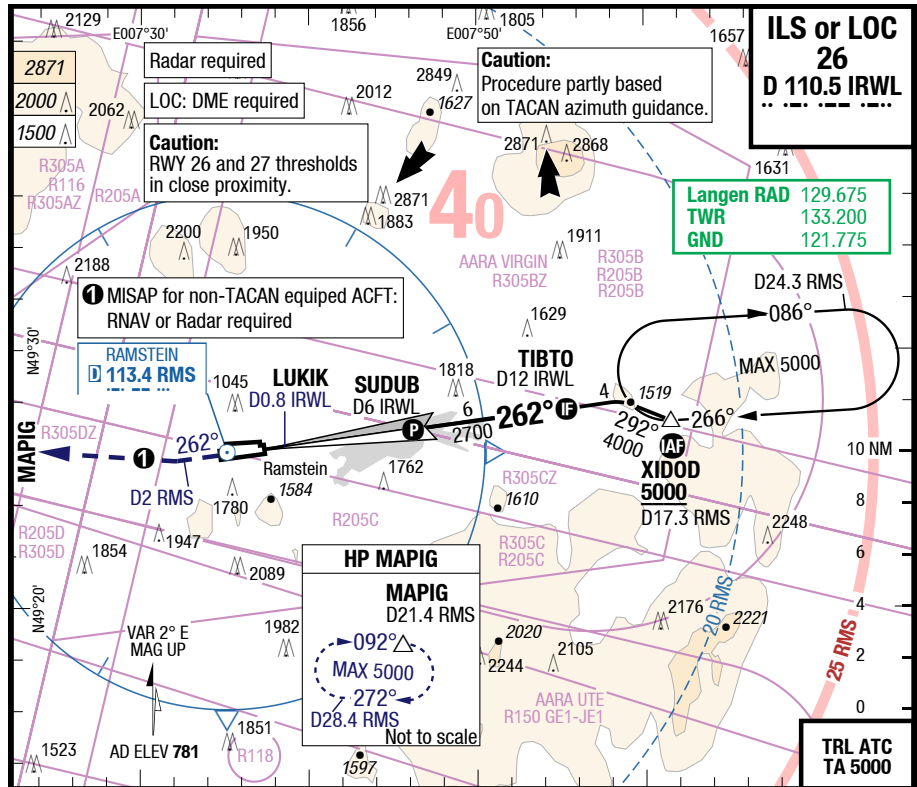
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ILS or LOC 26



26		Cat 3a DME	Cat 2 DME	Cat 1 DME 1)	LOC DME	LOC DME APL U/S	Circling 2) TERPS
C	ft - m/km ft	0 - 200R Company	100 - 370R 99 RA	C 200 - 800R/800V 980	C 1000 - 3.6V 1710	C 1000 - 4.4V 1710	C 1300 - 4.8V 2020
D	ft - m/km ft	0 - 200R Company	100 - 370R 99 RA	C 200 - 800R/800V 980	C 1000 - 4.0V 1710	C 1000 - 4.8V 1710	C 1500 - 4.8V 2260

1) With EVS RVR 550m/ VIS 550m

2) N of RWY 08/26 and within 4NM of AD only

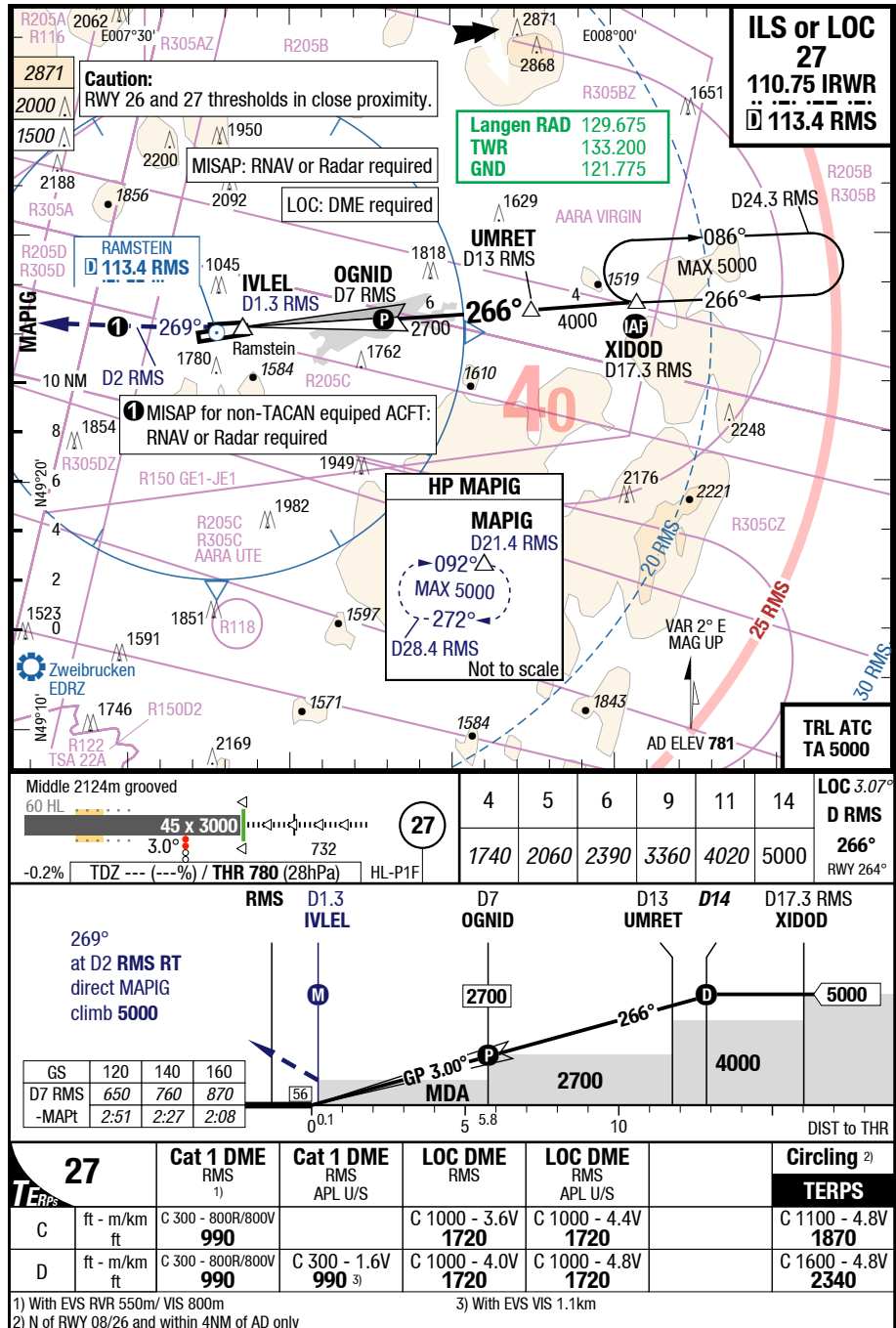
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28-SEP-2017

RMS-ETAR

7-40

ILS or LOC 27



Changes: Reprint

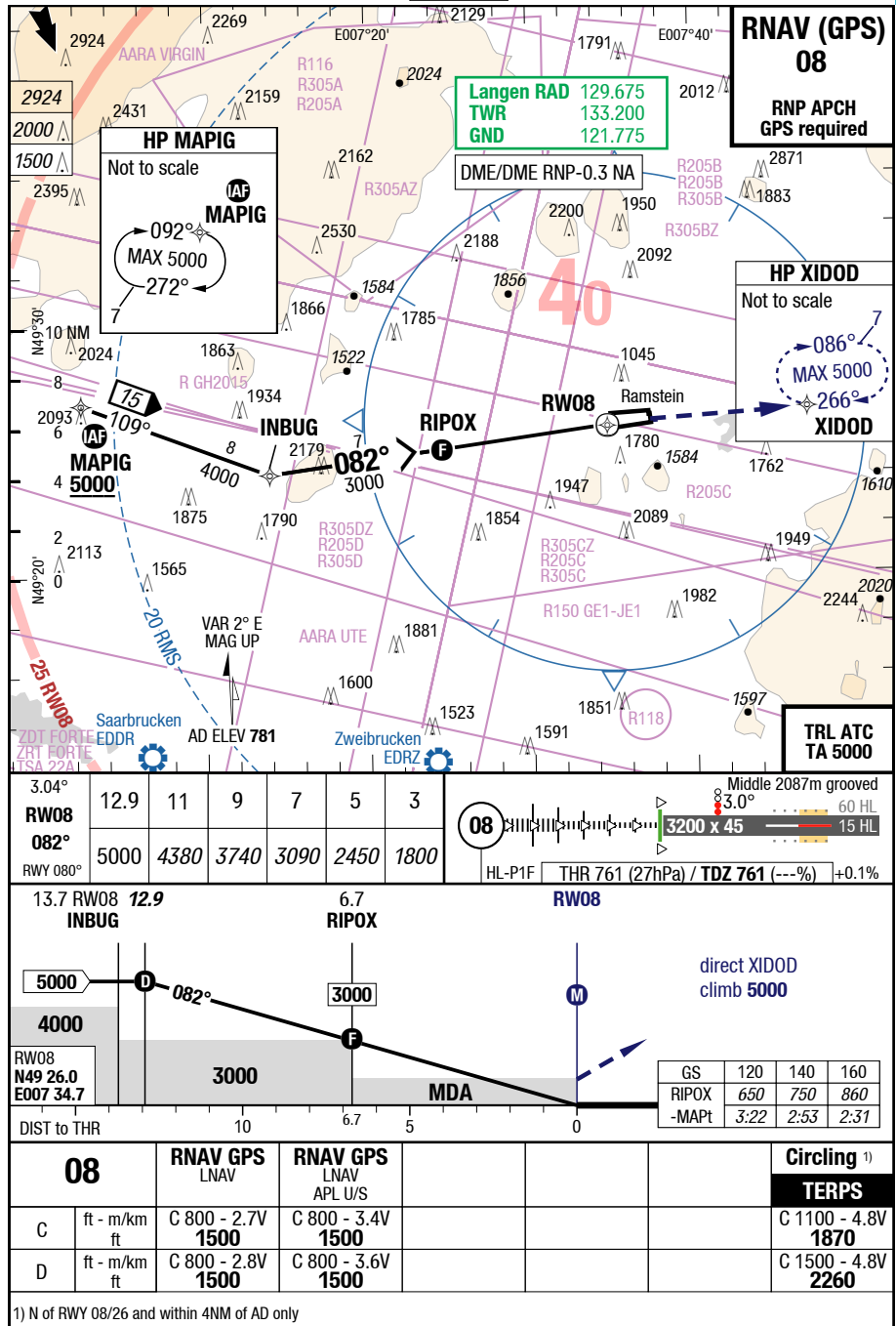
28-DEC-2017

RMS-ETAR

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RNAV (GPS) 08

IAC



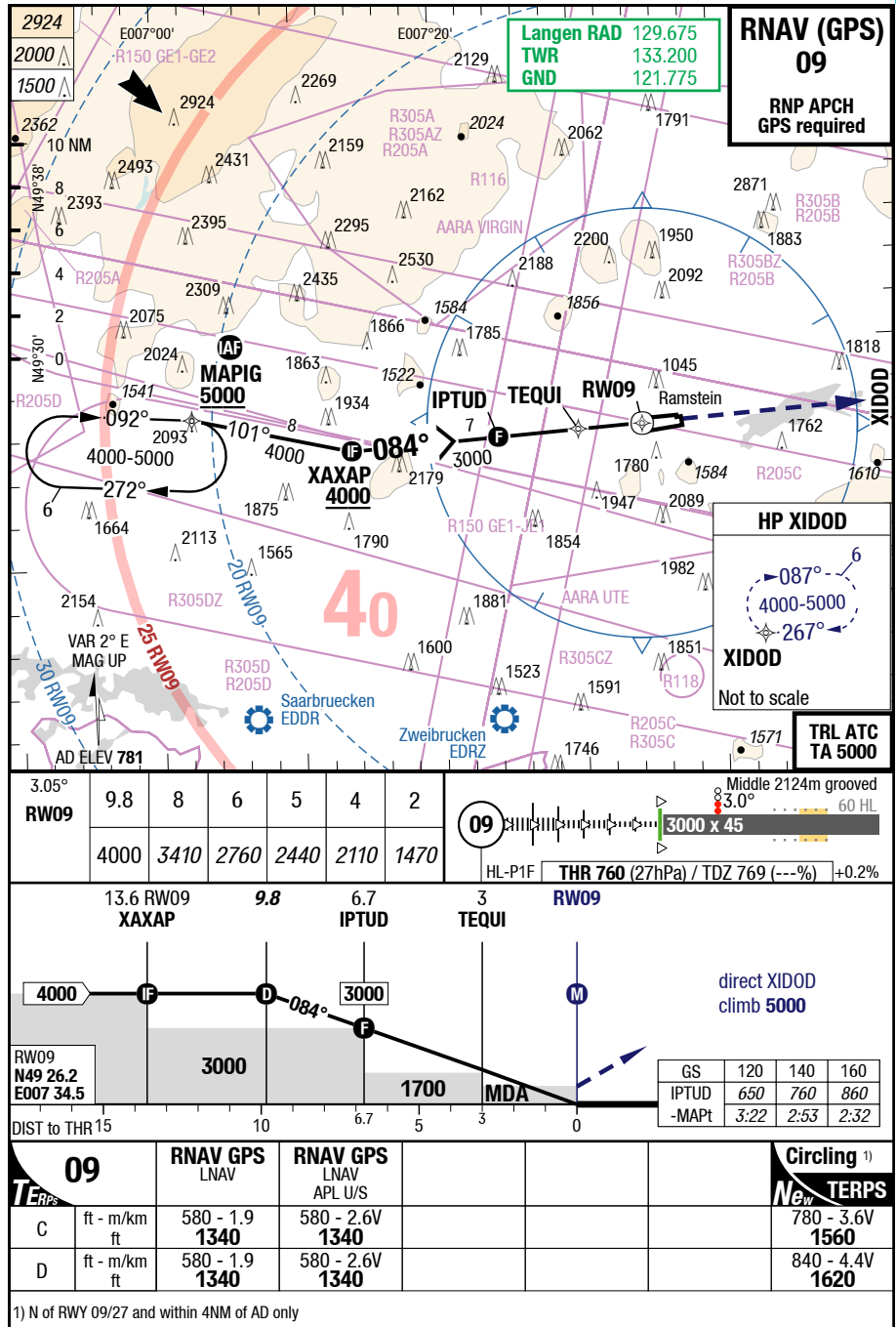
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RMS-ETAR

7-60

RNAV (GPS) 09

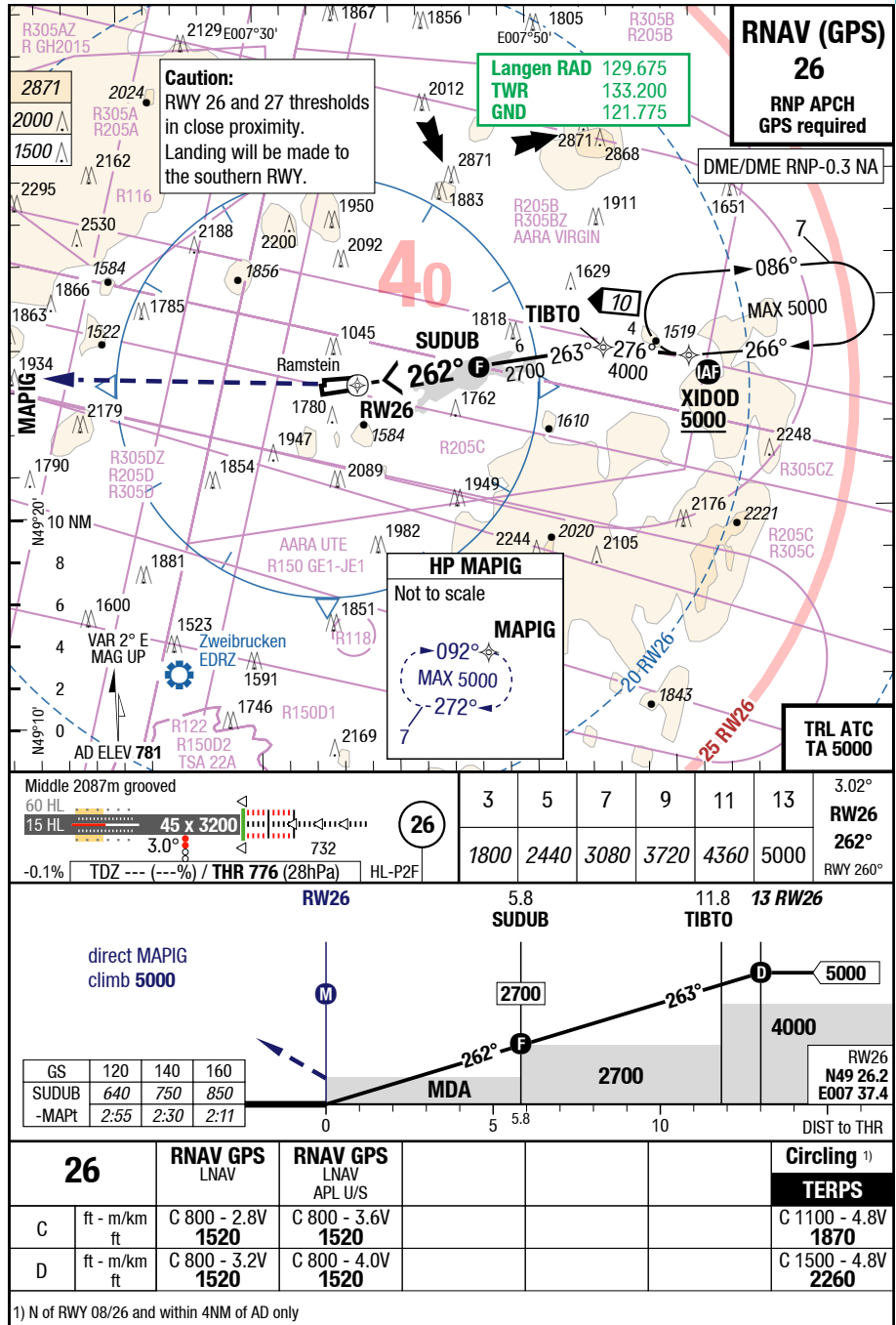


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RMS-ETAR

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RNAV (GPS) 26



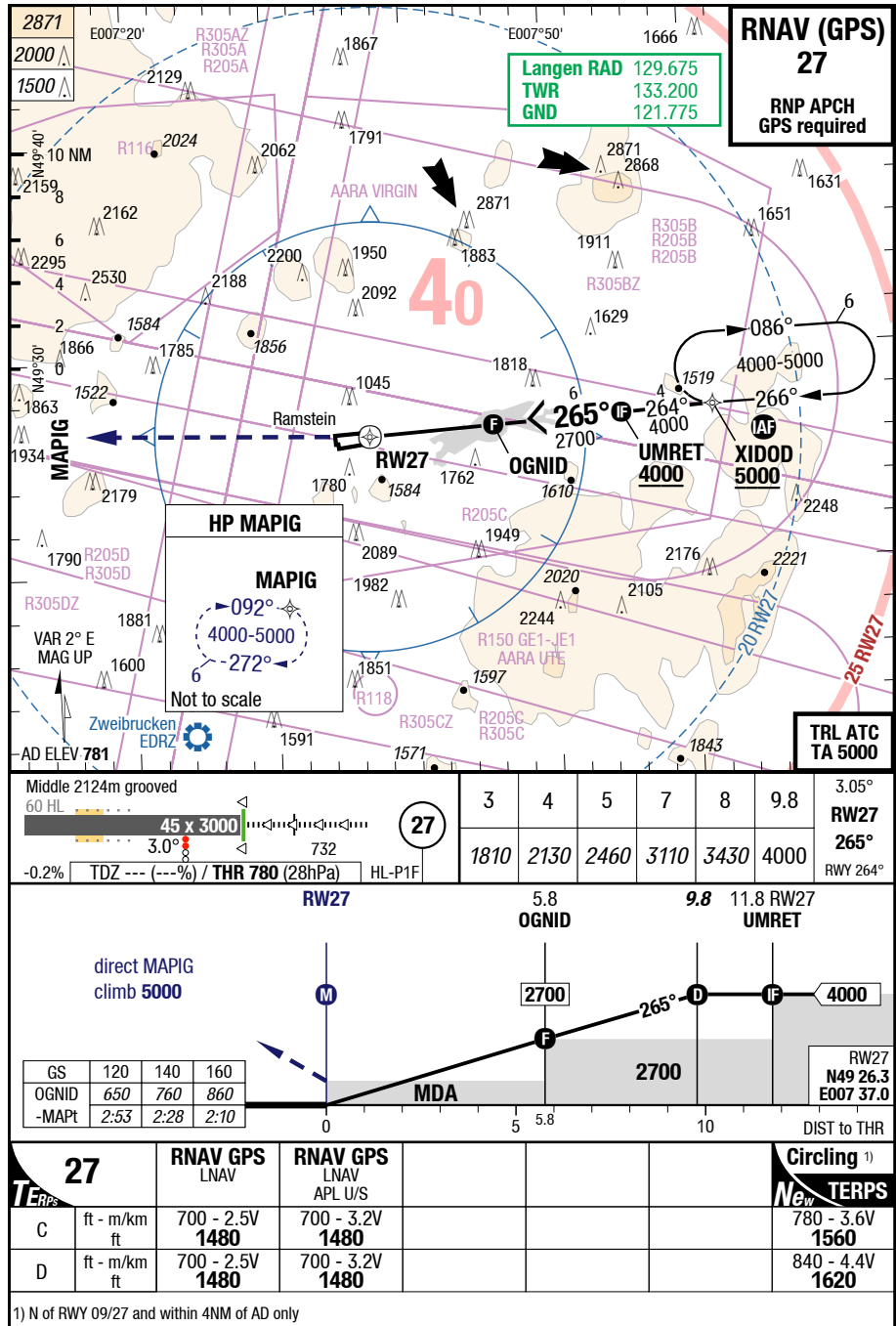
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RMS-ETAR

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RNAV (GPS) 27



Changes: new

28-DEC-2017

RMS-ETAR**7-90****Autobahn 6 Visual 26 or 27**