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General Information

Location: ZWEIBRUECKEN DEU
ICAO/IATA: EDRZ / ZQW
Lat/Long: N49° 12.57', E007° 24.04'
Elevation: 1133 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -1:00 = UTC
Magnetic Variation: 2.0° E

Fuel Types: 100 Octane (LL), Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: No
Jet Start Unit: No
LLWS Alert: No
Beacon: Yes

Sunrise: 0456 Z
Sunset: 1801 Z

Runway Information

Runway: 03
Length x Width: 8776 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 1126 ft
Lighting: Edge, ALS, Centerline, REIL
Displaced Threshold: 902 ft

Runway: 21
Length x Width: 8776 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 1115 ft
Lighting: Edge, ALS, Centerline, REIL, TDZ

Communication Information

Zweibruecken Information: 123.830 AFIS
Langen Radar Radar: 129.675 RCO

EDRZ/ZQW
ZWEIBRUECKEN

JEPPESSEN
18 DEC 20 10-3

ZWEIBRUECKEN, GERMANY

RNAV SID

*ZWEIBRUECKEN
Information
123.830

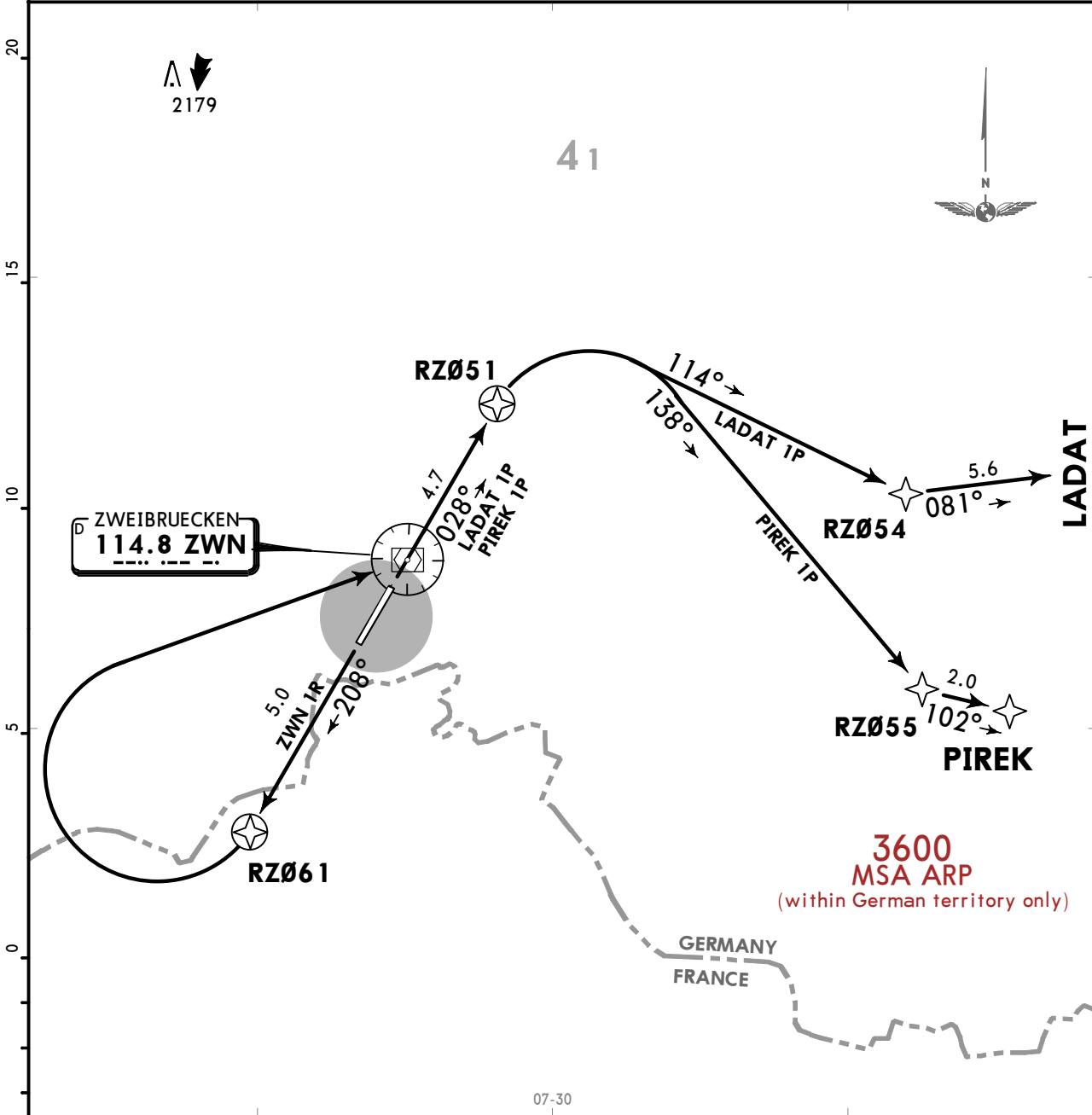
Apt Elev
1133

LANGEN
Radar (APP)
129.675

- Trans alt: 5000
1. RNAV-1 or RNP-1 or A-RNP equivalent. 2. GPS required.
 3. DME/DME, DME/DME/IRU not authorized.
 4. Departures entering controlled airspace when passing 1000 AGL.
 5. Report passing 2100 to ZWEIBRUECKEN Information and contact LANGEN Radar.
 6. SIDs are also noise abatement procedures. Strict adherence within the limits of aircraft performance is mandatory.
 7. During activity of NIGHT LOW FLYING SYSTEM alternative instructions will be given by ATC.

LADAT 1P [LADA1P], PIREK 1P [PIRE1P]
ZWEIBRUECKEN 1R (ZWN 1R) [ZWN1R]
RNAV DEPARTURES

**SPEED: MAX 250 KT BELOW FL100 OR AS BY ATC
NOT APPLICABLE WITHIN AIRSPACE C**



Initial climb clearance 4000

SID	RWY	ROUTING
LADAT 1P ①	03	On 028° track to RZ051, turn RIGHT, 114° track to RZ054, to LADAT.
PIREK 1P		On 028° track to RZ051, turn RIGHT, 138° track to RZ055, to PIREK.
ZWN 1R	21	On 208° track to RZ061, turn RIGHT, direct to ZWN.

① Not available for flights into upper airspace.

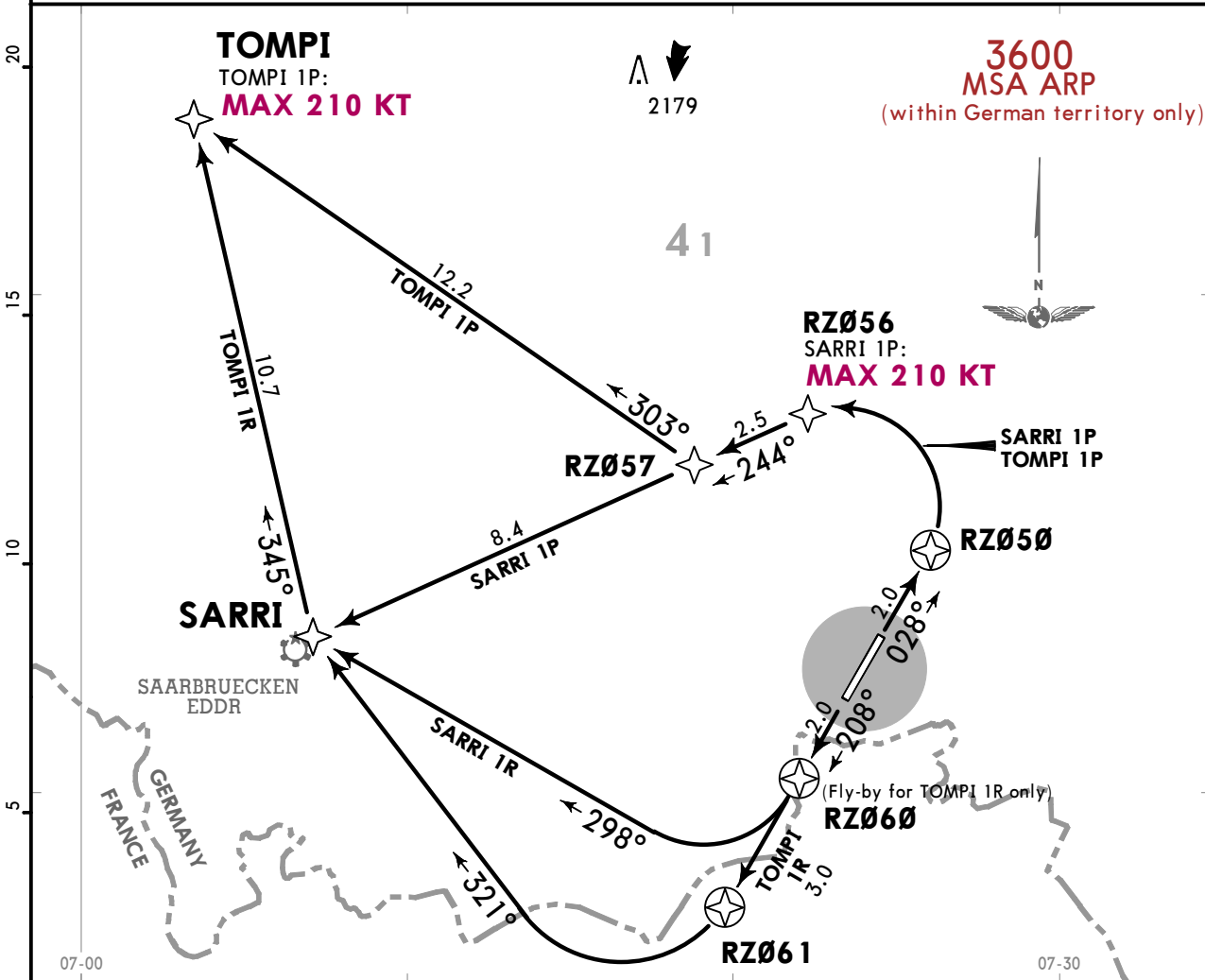
EDRZ/ZQW
ZWEIBRUECKEN

JEPPESSEN ZWEIBRUECKEN, GERMANY
18 DEC 20 10-3A
RNAV SID

*ZWEIBRUECKEN Information 123.830	Apt Elev 1133	Trans alt: 5000 1. RNAV-1 or RNP-1 or A-RNP equivalent. 2. GPS required. 3. DME/DME, DME/DME/IRU not authorized. 4. Departures entering controlled airspace when passing 1000 AGL. 5. Report passing 2100 to ZWEIBRUECKEN Information and contact LANGEN Radar. 6. SIDs are also noise abatement procedures. Strict adherence within the limits of aircraft performance is mandatory. 7. During activity of NIGHT LOW FLYING SYSTEM alternative instructions will be given by ATC.
LANGEN Radar (APP) 129.675		

SARRI 1P [SARI1P], SARRI 1R [SARI1R]
TOMPI 1P [TOMP1P], TOMPI 1R [TOMP1R]
RNAV DEPARTURES

**SPEED: MAX 250 KT BELOW FL100 OR AS BY ATC
NOT APPLICABLE WITHIN AIRSPACE C**



These SIDs require minimum climb gradients of								
SARRI 1P, TOMPI 1P								
250 per NM (4.1%) until passing 3600 due to airspace structure.								
SARRI 1R								
335 per NM (5.5%) until passing 3600 due to airspace structure.								
		Gnd speed-KT	75	100	150	200	250	300
		250 per NM	313	417	625	833	1042	1250
		335 per NM	419	558	838	1117	1396	1675
		If unable to comply, inform ATC prior start-up.						

Initial climb clearance 4000		
SID	RWY	ROUTING
SARRI 1P ①	03	On 028° track to RZ050, turn LEFT, direct RZ056, to RZ057, to SARRI.
SARRI 1R ①	21	On 208° track to RZ060, turn RIGHT, 298° track to SARRI.
TOMPI 1P	03	On 028° track to RZ050, turn LEFT, direct to RZ056, to RZ057, to TOMPI.
TOMPI 1R	21	On 208° track to RZ061, turn RIGHT, 321° track to SARRI, to TOMPI.

① Only for flights via AWY G-21, cross D13.0 111.25 GTQ at or above FL80.

EDRZ/ZQW
ZWEIBRUECKEN

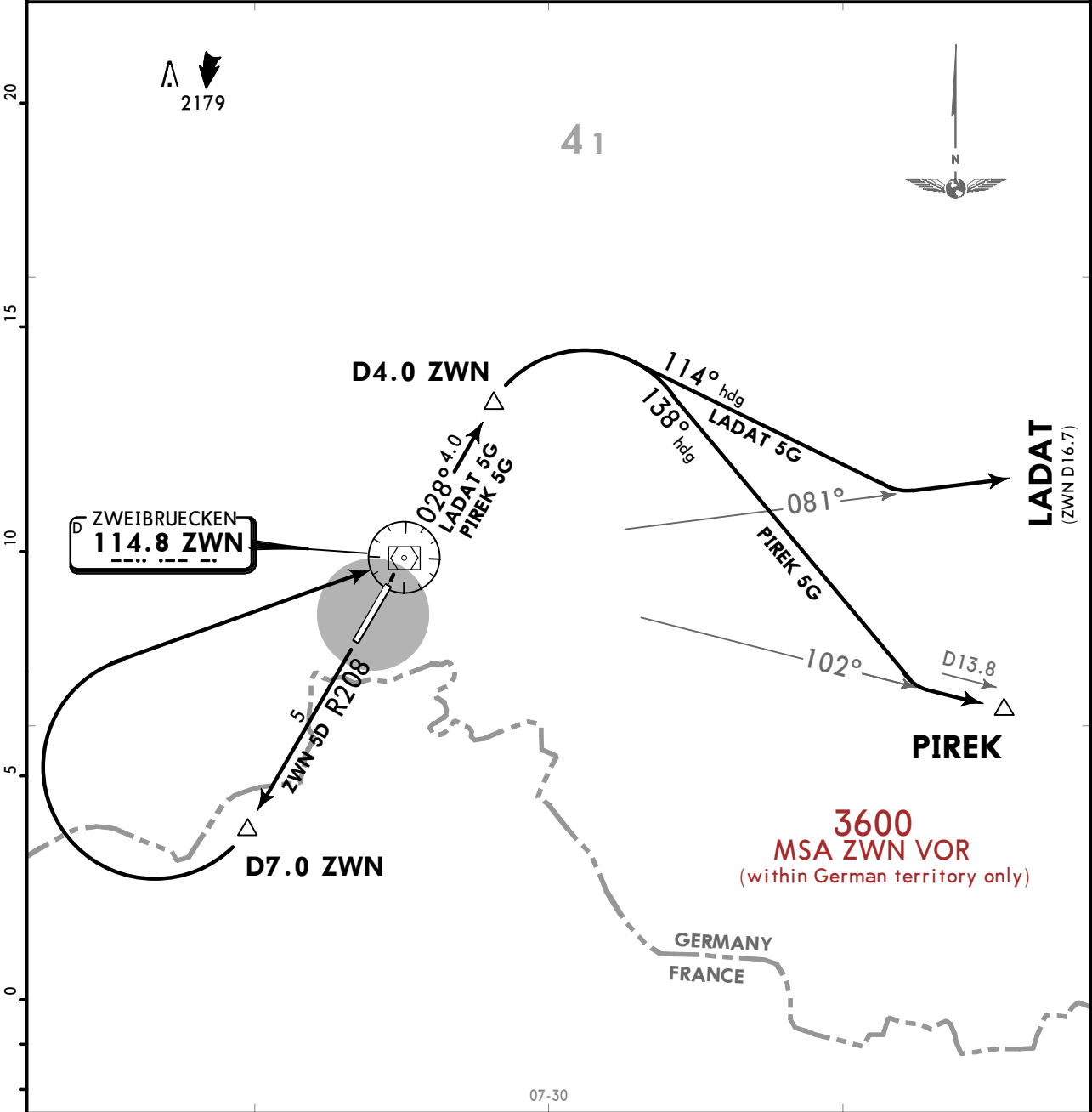
JEPPesen
18 DEC 20 10-3B

ZWEIBRUECKEN, GERMANY
SID

*ZWEIBRUECKEN Information 123.830	Apt Elev 1133	Trans alt: 5000 1. Departures entering controlled airspace when passing 1000 AGL. 2. Report passing 2100 to ZWEIBRUECKEN Information and contact LANGEN Radar. 3. SIDs are also noise abatement procedures. Strict adherence within the limits of aircraft performance is mandatory. 4. During activity of NIGHT LOW FLYING SYSTEM alternative instructions will be given by ATC.
LANGEN Radar (APP) 129.675		

LADAT 5G [LADA5G], PIREK 5G [PIRE5G]
ZWEIBRUECKEN 5D (ZWN 5D) [ZWN5D]
DEPARTURES

**SPEED: MAX 250 KT BELOW FL100 OR AS BY ATC
NOT APPLICABLE WITHIN AIRSPACE C**



Initial climb clearance 4000		
SID	RWY	ROUTING
LADAT 5G ①	03	Direct to ZWN, ZWN R028 to D4.0 ZWN, turn RIGHT, 114° heading, intercept ZWN R081 to LADAT.
PIREK 5G		Direct to ZWN, ZWN R028 to D4.0 ZWN, turn RIGHT, 138° heading, intercept ZWN R102 to PIREK.
ZWN 5D	21	Intercept ZWN R208 to D7.0 ZWN, turn RIGHT, direct to ZWN.

① Not available for flights into upper airspace.

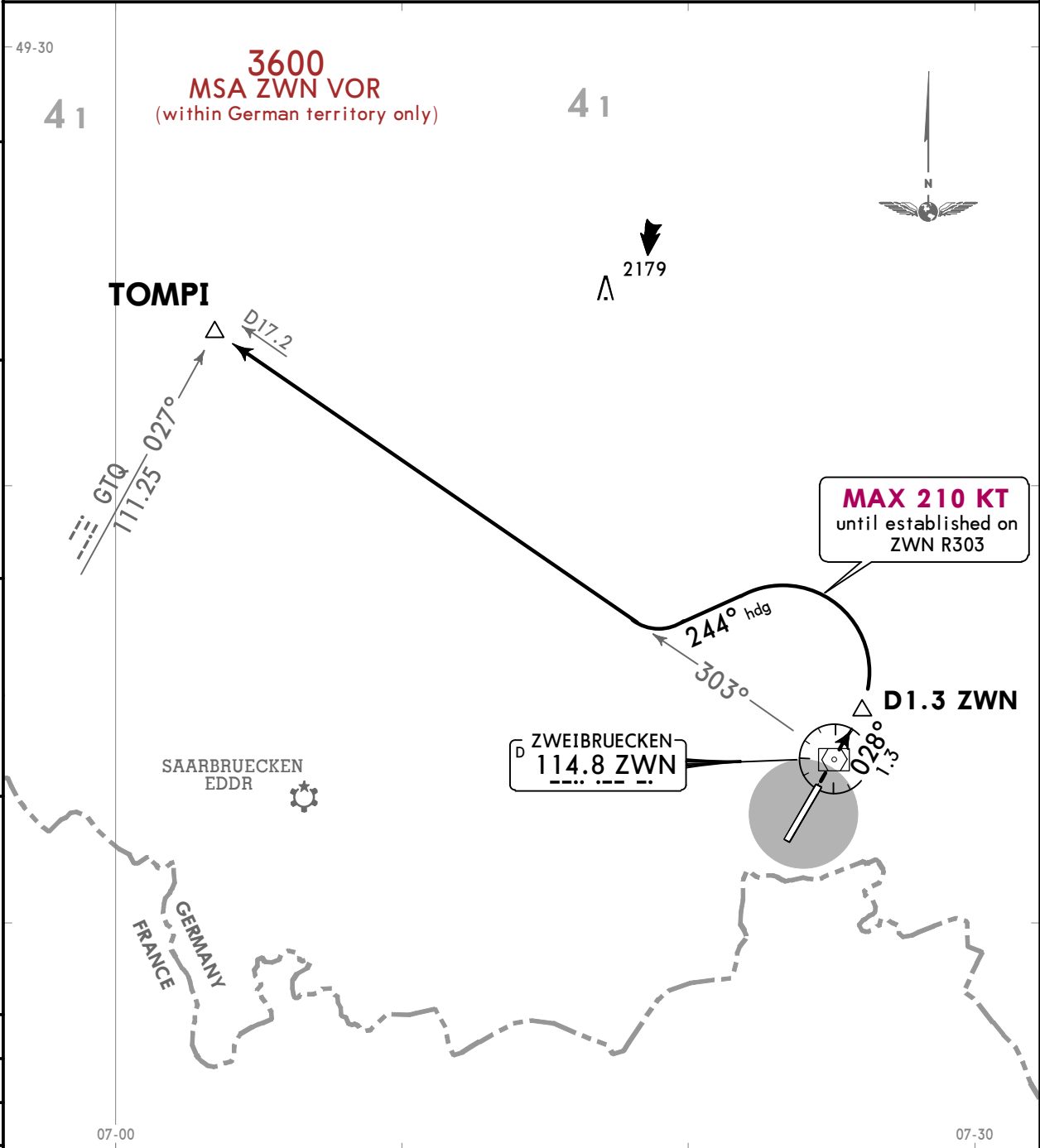
EDRZ/ZQW
ZWEIBRUECKEN

18 DEC 20
10-3C

JEPPESEN
ZWEIBRUECKEN, GERMANY
SID

*ZWEIBRUECKEN Information 123.830	Apt Elev 1133	Trans alt: 5000 1. Departures entering controlled airspace when passing 1000 AGL. 2. Report passing 2100 to ZWEIBRUECKEN Information and contact LANGEN Radar. 3. SIDs are also noise abatement procedures. Strict adherence within the limits of aircraft performance is mandatory. 4. During activity of NIGHT LOW FLYING SYSTEM alternative instructions will be given by ATC.
LANGEN Radar (APP) 129.675		

TOMPI 6G [TOMP6G]
RWY 03 DEPARTURE
SPEED: MAX 250 KT BELOW FL100 OR AS BY ATC
NOT APPLICABLE WITHIN AIRSPACE C



This SID requires a minimum climb gradient of 250 per NM (4.1%) until passing 3600 due to airspace structure.	Gnd speed-KT	75	100	150	200	250	300
	250 per NM	313	417	625	833	1042	1250
If unable to comply, inform ATC prior start-up.							
Initial climb clearance 4000							
ROUTING							
Direct to ZWN, ZWN R028 to D1.3 ZWN, turn LEFT, 244° heading, intercept ZWN R303 to TOMPI.							

EDRZ/ZQW

Apt Elev 1133'
N49 12.6 E007 24.0

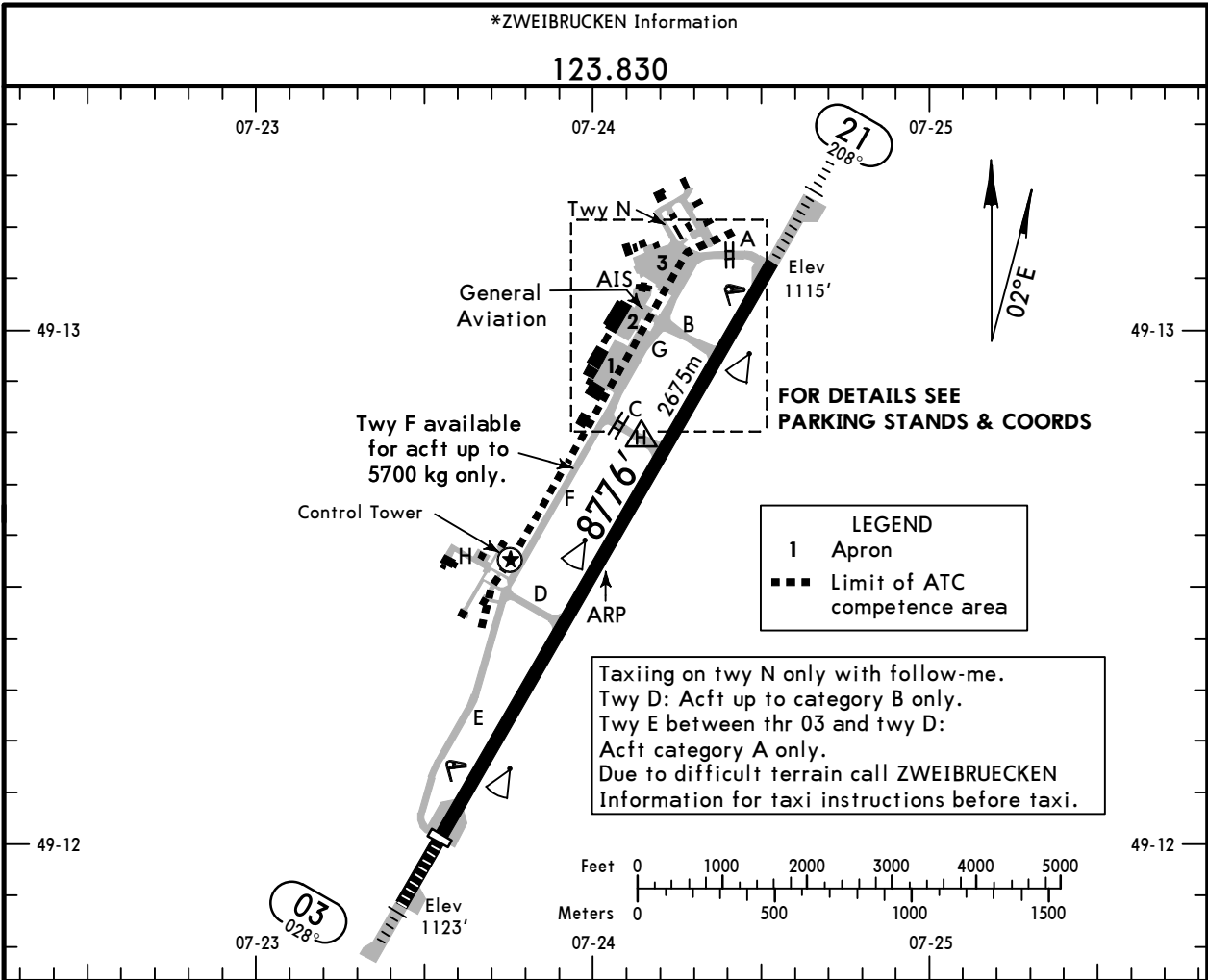


JEPPESSEN ZWEIBRUECKEN, GERMANY

28 JUL 23

10-9

ZWEIBRUECKEN



ADDITIONAL RUNWAY INFORMATION							
RWY					USABLE LENGTHS		WIDTH
					LANDING BEYOND	TAKE-OFF	
					Threshold	Glide Slope	
03	HIRL CL ① HIALS SFL REIL PAPI-L(3.0°)	RVR	7874'	2400m			②
21	HIRL CL ① HIALS SFL REIL TDZ PAPI-L(3.0°)	RVR					45m

① spacing 15m

② TAKE-OFF RUN AVAILABLE

RWY 03:

From rwy head	8776'	(2675m)
twy E int	7874'	(2400m)
twy D int	4980'	(1518m)
twy C int	2615'	(797m)

RWY 21:

From rwy head	8776'	(2675m)
twy B int	7559'	(2304m)
twy C int	6237'	(1901m)
twy D int	3845'	(1172m)

Standard		TAKE-OFF	
		Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)
A			
B			
C	400m		500m
D			

EDRZ/ZQW

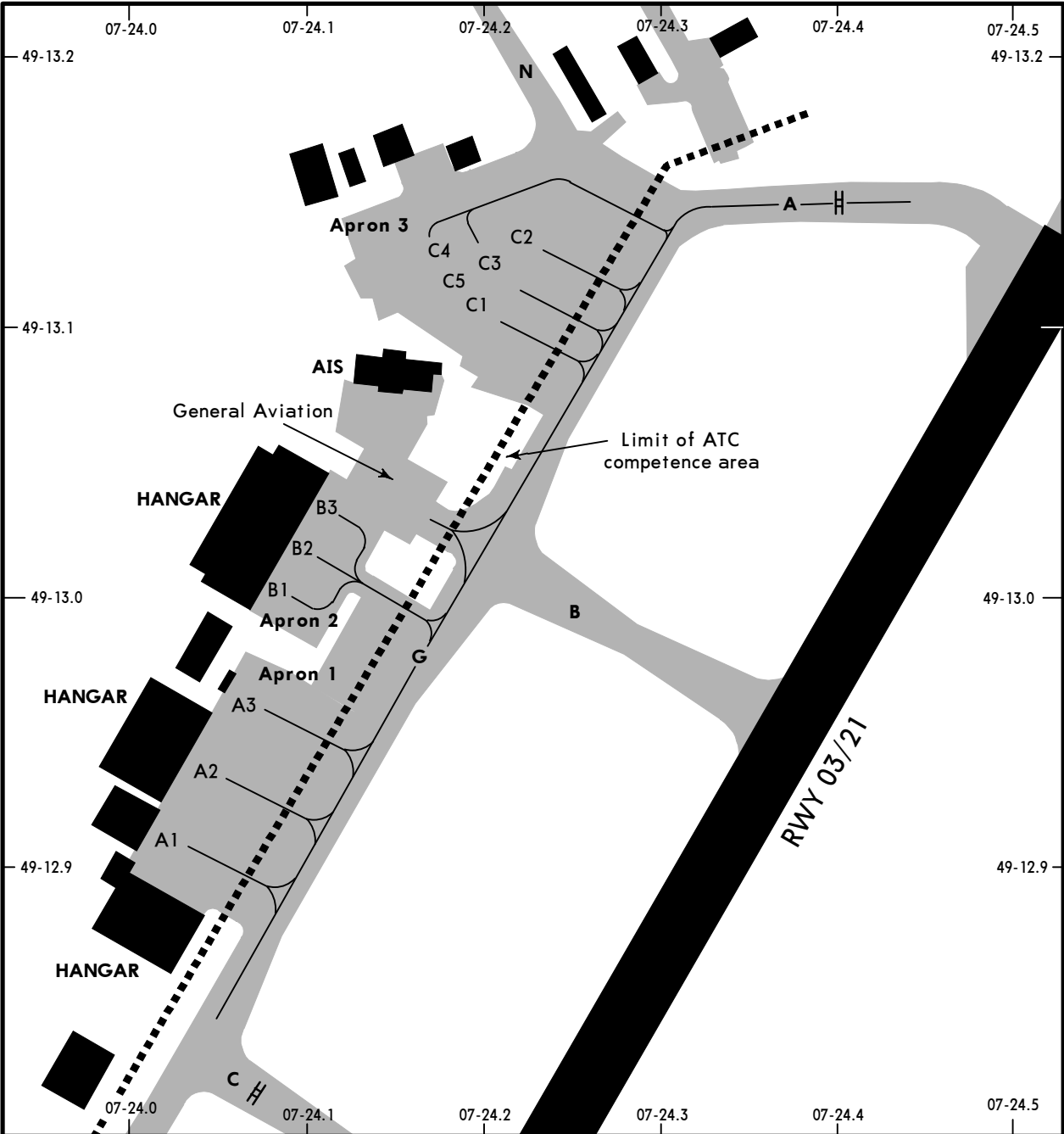


JEPPESSEN ZWEIBRUECKEN, GERMANY

28 JUL 23

10-9A

ZWEIBRUECKEN



INS COORDINATES

STAND No.	COORDINATES		
	APRON 1		
A1	N49 12.9 E007 24.0		
A2	N49 12.9 E007 24.1		
A3	N49 13.0 E007 24.1		
	APRON 2		
B1 thru B3	N49 13.0 E007 24.1		
	APRON 3		
C1 thru C5	N49 13.1 E007 24.2		

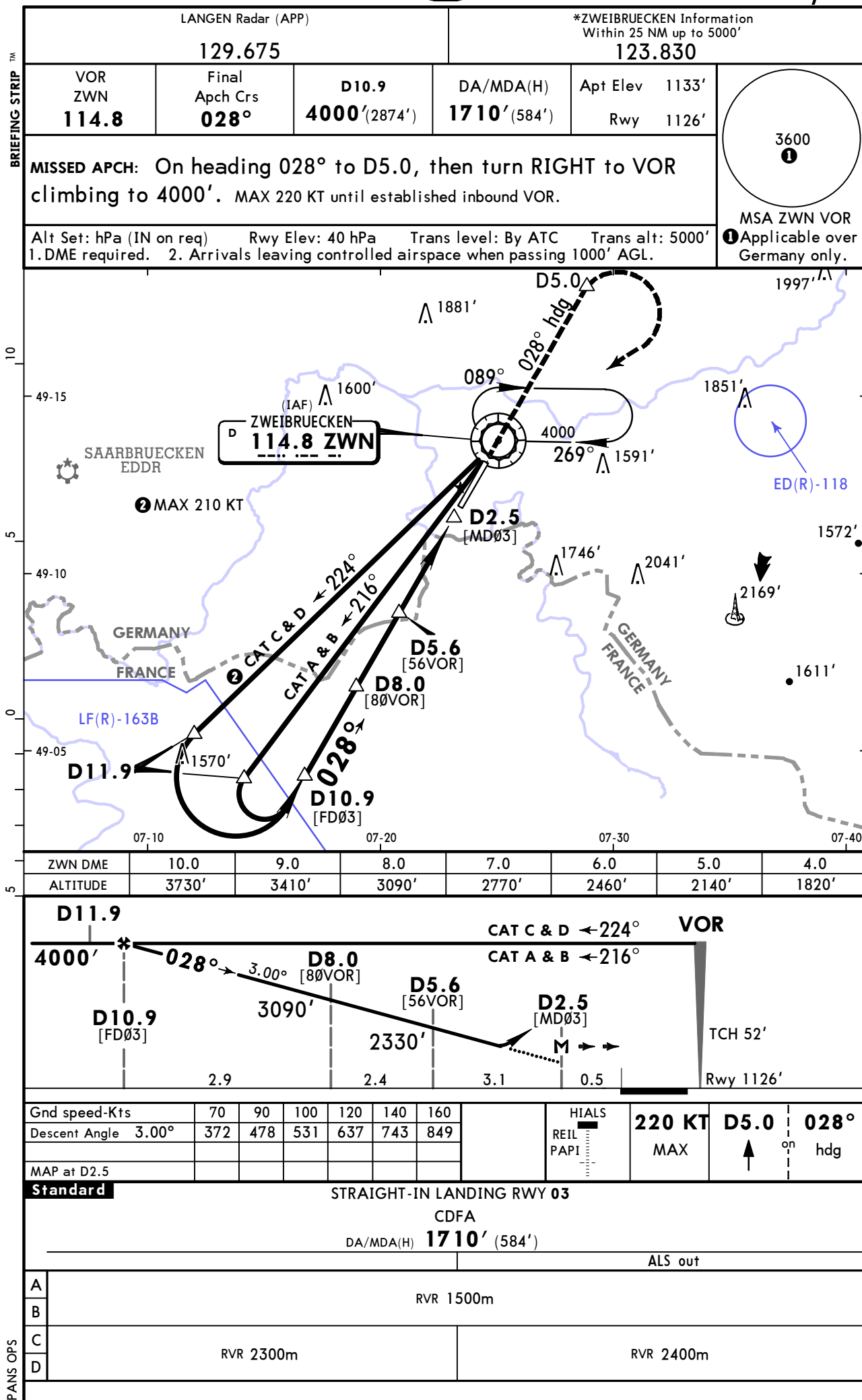
EDRZ/ZQW
ZWEIBRUECKEN

8 APR 22

(13-1)

Eff 21 Apr

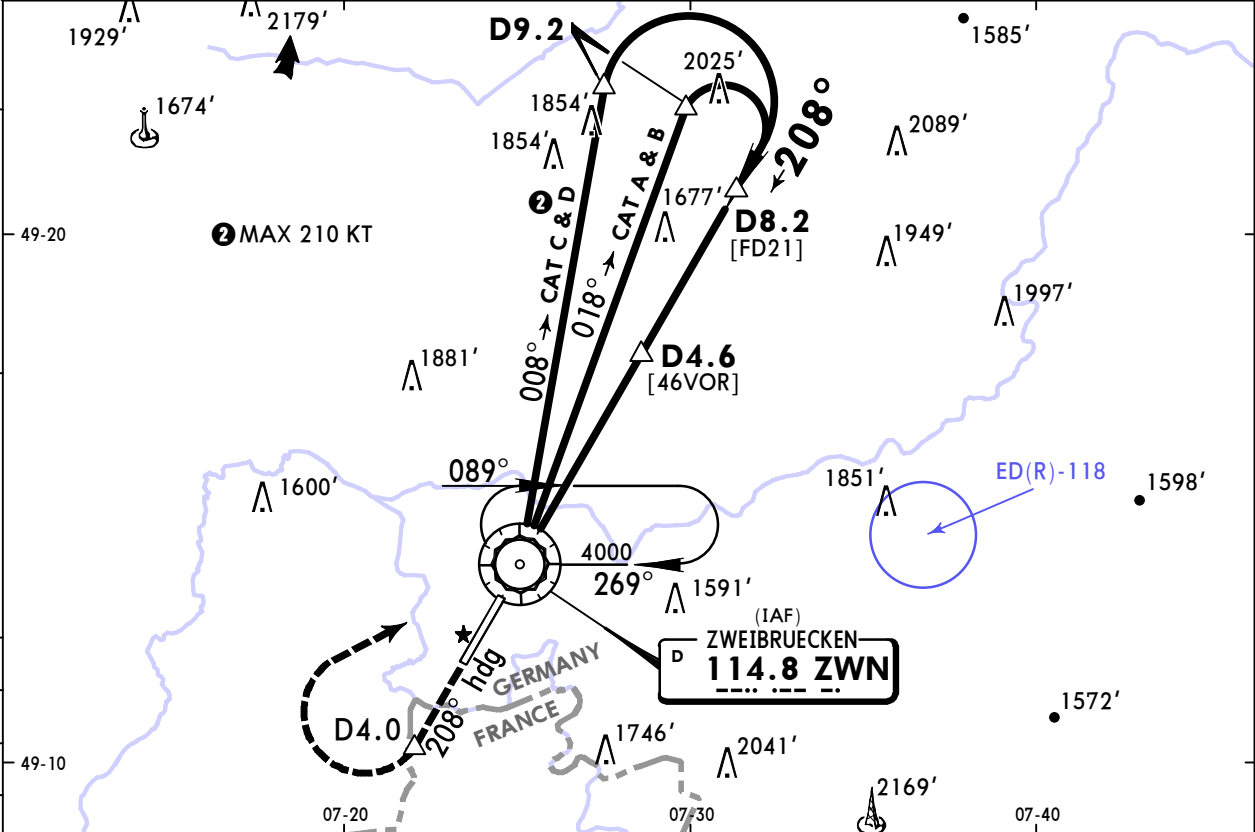
JEPPESSEN ZWEIBRUECKEN, GERMANY
VOR Rwy 03



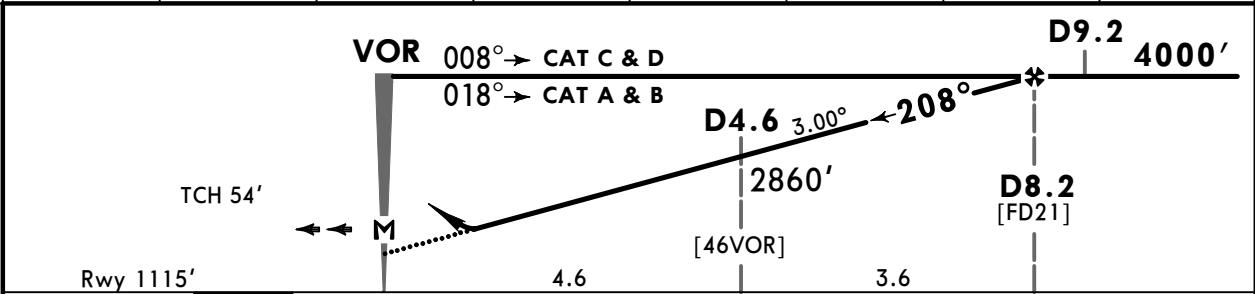
EDRZ/ZQW
ZWEIBRUECKEN

JEPPESEN ZWEIBRUECKEN, GERMANY
8 APR 22 13-2 Eff 21 Apr VOR Rwy 21

LANGEN Radar (APP)			*ZWEIBRUECKEN Information Within 25 NM up to 5000'		
129.675			123.830		
VOR ZWN 114.8	Final Apch Crs 208°	D8.2 4000' (2885')	DA/MDA(H) 1680' (565')	Apt Elev 1133' Rwy 1115'	3600 ① MSA ZWN VOR ①Applicable over Germany only.
MISSED APCH: On heading 208° to D4.0, then turn RIGHT to VOR climbing to 4000'. MAX 220 KT until established inbound VOR.					
Alt Set: hPa (IN on req) Rwy Elev: 40 hPa Trans level: By ATC Trans alt: 5000'					
1. DME required. 2. During activity of night low flying system alternative instructions will be given by ATC. 3. Arrivals leaving controlled airspace when passing 1000' AGL.					



ZWN DME	2.0	3.0	4.0	5.0	6.0	7.0	8.0
ALTITUDE	2030'	2350'	2670'	2990'	3310'	3630'	3940'



Gnd speed-Kts	70	90	100	120	140	160	HIALS REIL PAPI 220 KT MAX	D4.0 ↑ on hdg
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at VOR								

Standard		STRAIGHT-IN LANDING RWY 21	
		CDFA	
		DA/MDA(H) 1680' (565')	
		ALS out	
A	RVR 1500m		
B			
C	RVR 2200m		RVR 2400m
D			

Chart changes since cycle 15-2023

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
ZWEIBRUECKEN, (ZWEIBRUECKEN - EDRZ)				
REV	AIRPORT, AIRPORT INFO, TA...	10-9	28 Jul 2023	
REV	PARKING STANDS & COORDS	10-9A	28 Jul 2023	

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport EDRZ

Chart Change Notices for Country DEU

Type: Gen Tmnl
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

Location/airport name changed from Monchengladbach to Moenchengladbach.

Type: Gen Tmnl
Effectivity: Permanent
Begin Date: 20210326
End Date: No end date

Use of SID RNAV OVERLAY: Pilots of GPS/FMS-RNAV-equipped aircraft should, if possible, use the defined supplementary GPS/FMS/RNAV procedures which are published as "OVERLAY" to a conventional procedure. Please refer also to ATC Germany pages for additional information.

Type: Gen Tmnl
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

Location/airport name changed from Buchel to Buechel, Buckeburg to Bueckeburg, Norvenich to Noervenich.

Type: Gen Tmnl
Effectivity: Temporary
Begin Date: Immediately
End Date: Until Further Notice

Jeppesen charted take-off minimums are determined according to the available RWY lights. In Germany, Low Visibility Procedures (LVP) are only available for the following airports: EDDB, EDDC, EDDE, EDDF, EDDG, EDDH, EDDK, EDDL, EDDM, EDDN, EDDP, EDDR, EDDS, EDDV, EDDW, EDFH, EDHI, EDHL, EDJA, EDLN, EDLP, EDLV, EDLW, EDMA, EDNY, EDQM, EDSB, EDTL, EDTY, EDVE, EDVK. All other German airports are not approved for Low Visibility Take-off Operations (LVTO) with an RVR below 400m because of missing LVP.