

Do not use for real life navigation!

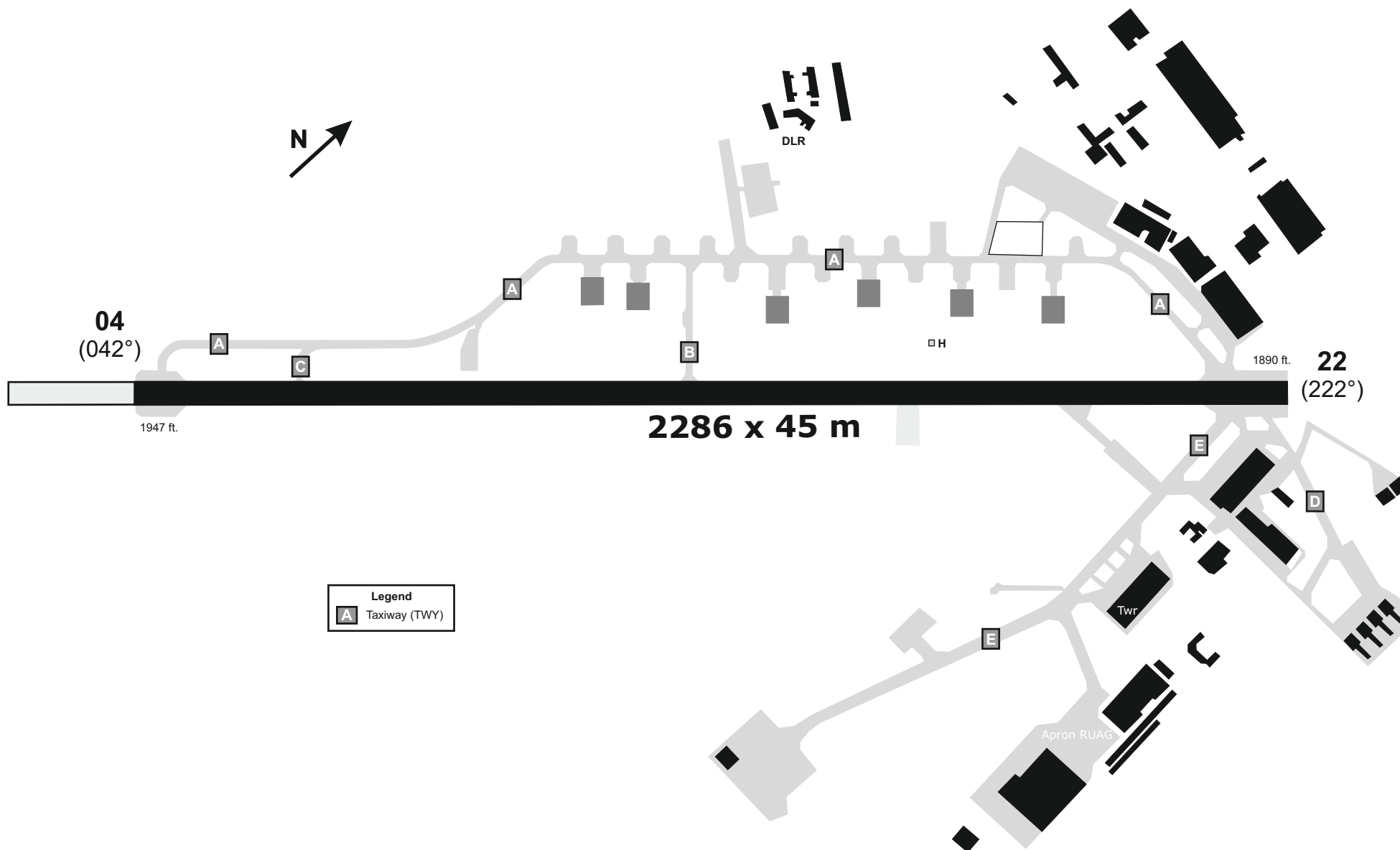
Revision: 2011-07-05 - Change: freq. reviced

TRANS LEVEL: BY ATC
TRANS ALT: 5000'

OBERPAFFENHOFEN Tower
119.55

MÜNCHEN Radar
127.95 / 123.90

MÜNCHEN Radar
124.05



Oberpfaffenhofen, GERMANY
Oberpfaffenhofen

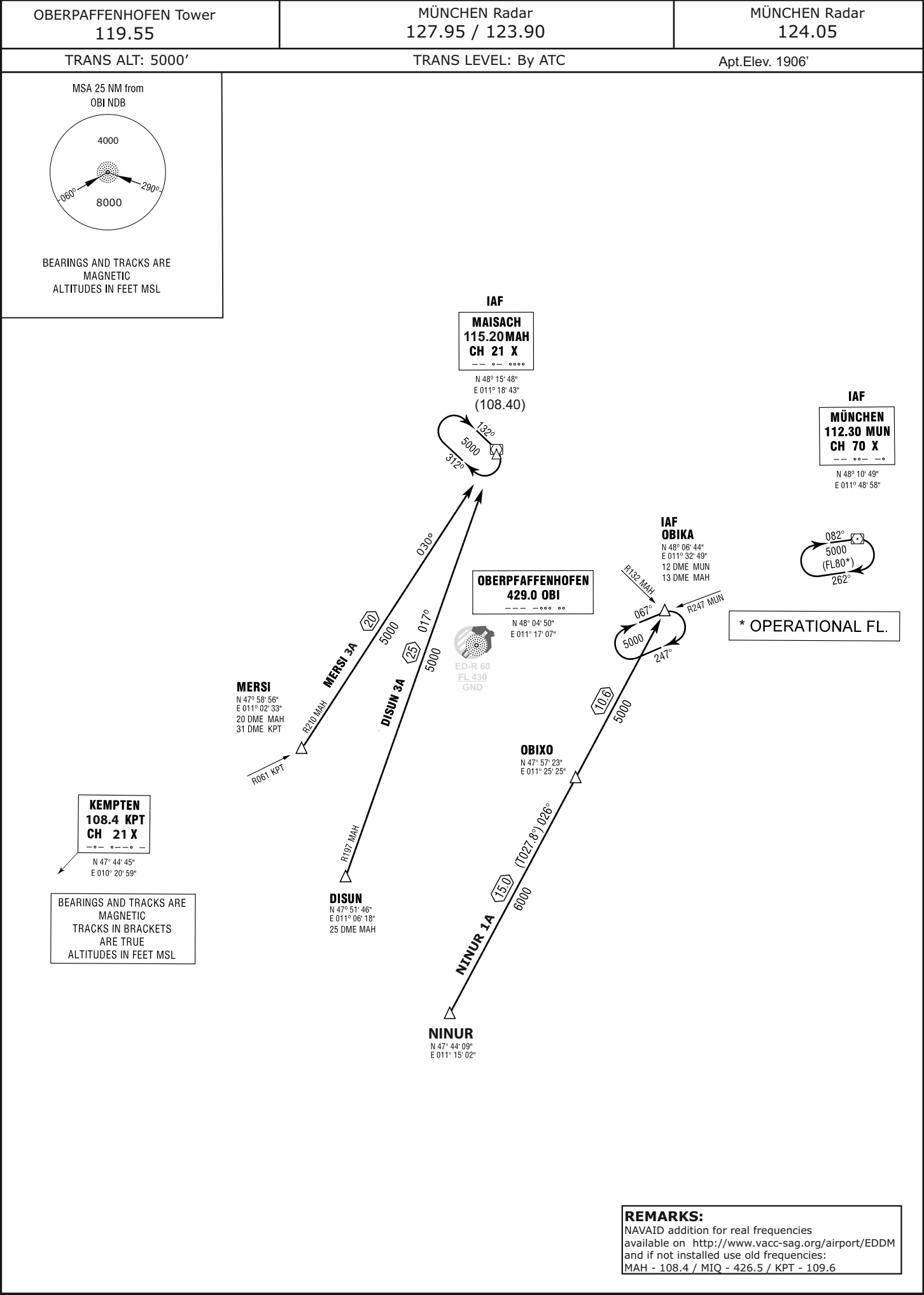


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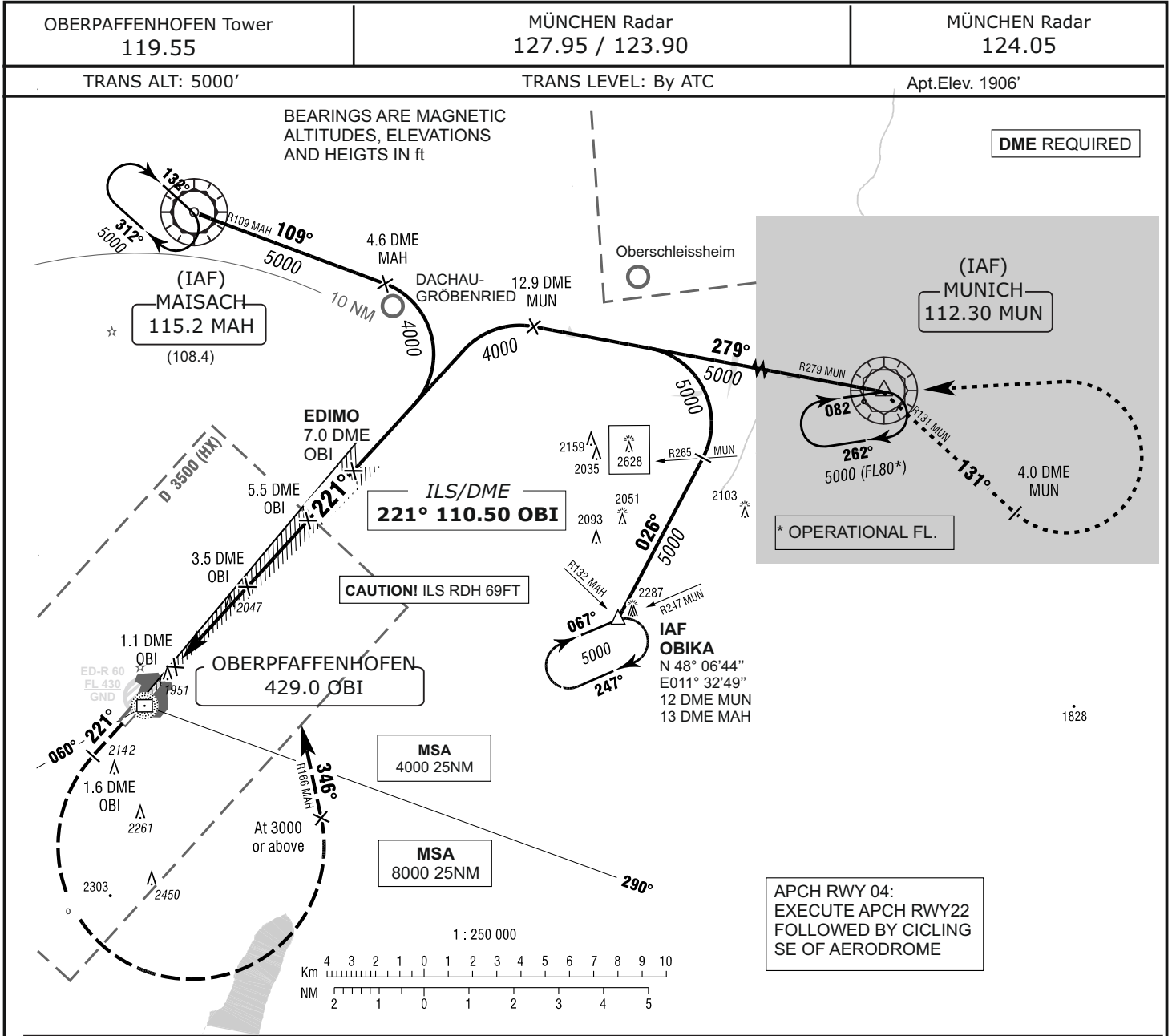
EDMO / OBF
TAXI & PARKING

OBERPFAFFENHOFEN Tower 119.55		MÜNCHEN Radar 127.95 / 123.90	MÜNCHEN Radar 124.05																
TRANS ALT: 5000'		TRANS LEVEL: By ATC	Apt.Elev. 1906'																
MSA 25 NM from OBI NDB 4000 8000 060° 290° EARINGS AND TRACKS ARE MAGNETIC ALTITUDES IN FEET MSL MAISACH °115.2 MAH (108.4) N 48° 15' 48" E 011° 18' 43" OBERPFAFFENHOFEN 429.0 OBI OBERPFAFFENHOFEN 110.50 OBI (DME) N 48° 04' 50" E 011° 17' 07" ED-R 60 FL 430 GND 3.0 DME OBI 2.4 MO022 MO023 ATMAX 16.8 ATMAX 1R 255° 4.6 MO021 220° MAH 1R/6C 14.5 355° 17.5 MAH 1. ATMAX 1R/MAH 1R RNAV EQUIVALENT 2. GPS REQUIRED 3. DME/DME; DME/DME/IRU NOT AUTHORIZED PARTS OF IFR PROFILES WITHIN AIRSPACE CLASS E. WATCH OUT FOR VFR TRAFFIC UNKNOWN TO ATC. Contact München Radar immediately after take-off! Initial climb clearance FL70 <table><tr><th>SID</th><th>ROUTING</th><th>GPS/FMS RNAV</th><th>REMARKS</th></tr><tr><td>ATMAX 1R</td><td>Climb on course 220° to MO021; RT, to ATMAX. Climb with 6.0% (365 ft/NM) or more until passing 2200. Climb with 3.5% (215 ft/NM) or more until FL 70.</td><td>[A2400+]- MO021[R] - ATMAX.</td><td>1. PDG 6.0% (365 ft/NM) or more due to obstacles. 2. PDG 3.5% (215 ft/NM) or more due to Minimum Enroute Altitude</td></tr><tr><td>MAH 1R</td><td>Climb on course 220° to MO022; LT, direct to MO023; to MAH. Climb with 6.0% (365 ft/NM) or more until passing 2200.</td><td>MO022[A2400+;L] - MO023[K200-] - MAH</td><td>PDG 6.0% (365 ft/NM) or more due to obstacles</td></tr><tr><td>MAH 6C</td><td>Climb straight ahead to 3.0 DME OBI; LT, on R175 MAH to MAH. Climb with 6.0% (365 ft/NM) or more until passing 2200. MAX IAS 200 kt until established inbound MAH.</td><td></td><td>PDG 6.0% (365 ft/NM) or more due to obstacles</td></tr></table>				SID	ROUTING	GPS/FMS RNAV	REMARKS	ATMAX 1R	Climb on course 220° to MO021; RT, to ATMAX. Climb with 6.0% (365 ft/NM) or more until passing 2200. Climb with 3.5% (215 ft/NM) or more until FL 70.	[A2400+]- MO021[R] - ATMAX.	1. PDG 6.0% (365 ft/NM) or more due to obstacles. 2. PDG 3.5% (215 ft/NM) or more due to Minimum Enroute Altitude	MAH 1R	Climb on course 220° to MO022; LT, direct to MO023; to MAH. Climb with 6.0% (365 ft/NM) or more until passing 2200.	MO022[A2400+;L] - MO023[K200-] - MAH	PDG 6.0% (365 ft/NM) or more due to obstacles	MAH 6C	Climb straight ahead to 3.0 DME OBI; LT, on R175 MAH to MAH. Climb with 6.0% (365 ft/NM) or more until passing 2200. MAX IAS 200 kt until established inbound MAH.		PDG 6.0% (365 ft/NM) or more due to obstacles
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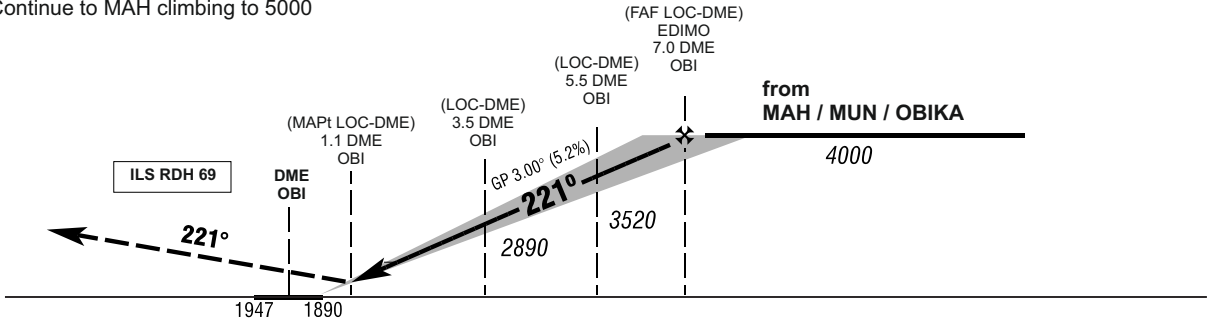


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MISSED APPROACH PROCEDURE

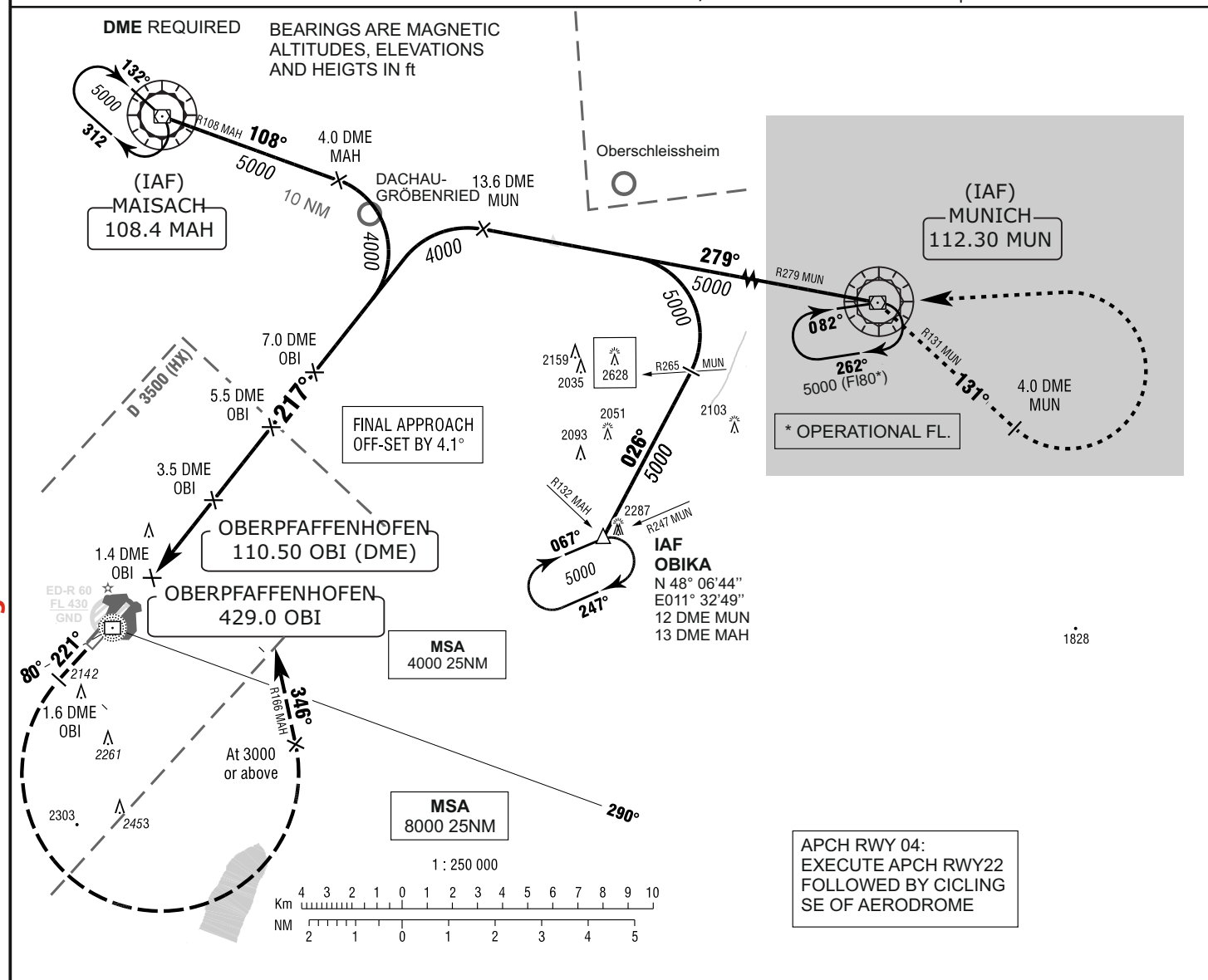
On track 221° to 1.6 DME OBI
LT to intercept R166 inbound MAH at 3000
or above. Continue to MAH climbing to 5000



OCA (OCH)	A	B	C	D
ILS CAT I	2082 (192)	2092 (202)	2102 (212)	2112 (222)
LOC-DME	2290 (400)	2290 (400)	2290 (400)	2290 (400)
CIRCLING*	2490 (550)	2560 (610)	2850 (900)	2850 (900)

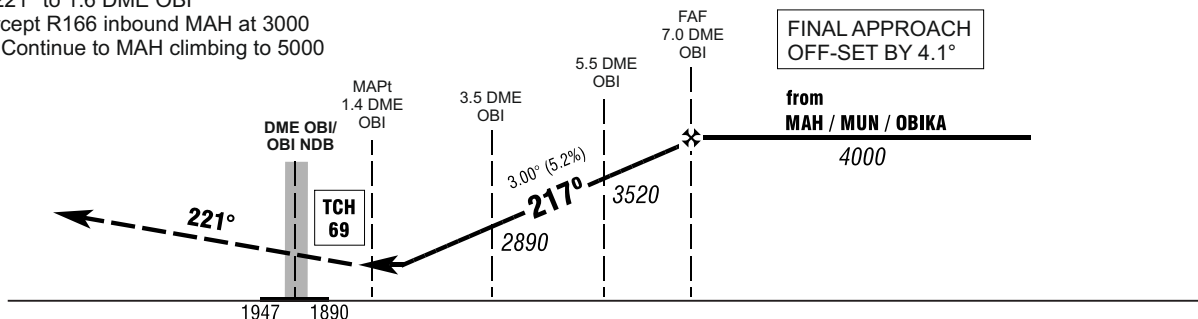
DME OBI	2	3	4	5	6			
DIST THR	1.4	2.4	3.4	4.4	5.4			
ALTITUDE	2410	2730	3050	3360	3680			
Timing not authorized for defining the MAPt.								
Ground Speed	kt	80	100	120	140	160	180	
3.5 DME OBI-THR (2.9 NM)	MIN:SEC	2:11	1:44	1:27	1:15	1:05	0:58	
Rate of decent (5.2%)	ft / MIN	420	530	630	740	840	950	

OBERPAFFENHOFEN Tower 119.55	MÜNCHEN Radar 127.95 / 123.90	MÜNCHEN Radar 124.05
TRANS ALT: 5000'	TRANS LEVEL: By ATC	Apt.Elev. 1906'



MISSED APPROACH PROCEDURE

On track 221° to 1.6 DME OBI
LT to intercept R166 inbound MAH at 3000
or above. Continue to MAH climbing to 5000

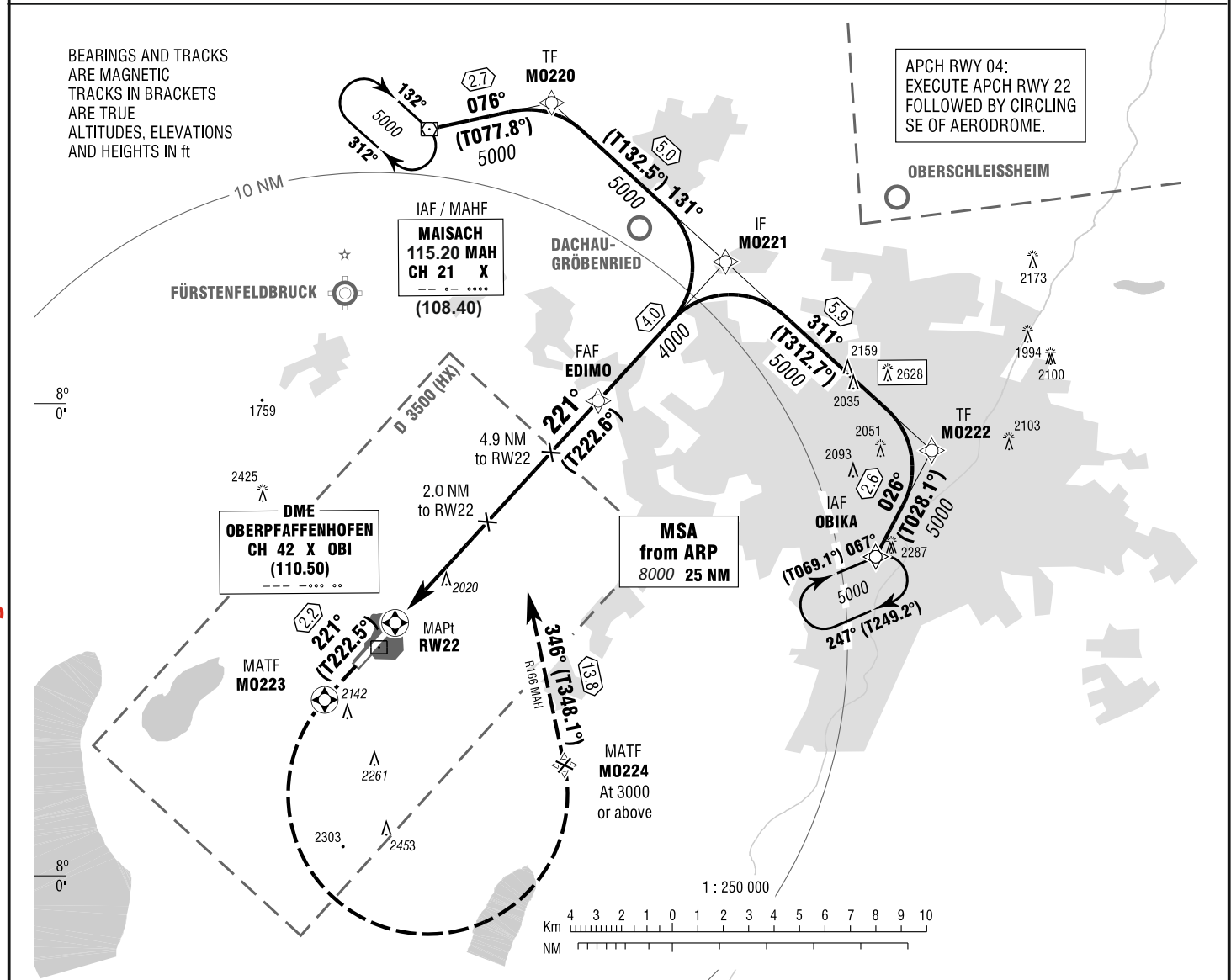


OCA (OCH)	A	B	C	D
NDB-DME	2490 (600)	2490 (600)	2490 (600)	2490 (600)
CIRCLING*	2490 (550)	2560 (610)	2850 (900)	2850 (900)

DME OBI	2	3	4	5	6			
DIST THR	1.4	2.4	3.4	4.4	5.4			
ALTITUDE	2410	2730	3050	3360	3680			
Timing not authorized for defining the MAPt.								
Ground Speed	kt	80	100	120	140	160	180	
3.5 DME - 1.4 DMI OBI(2.1 NM)	MIN:SEC	1:35	1:16	1:03	0:54	0:47	0:42	
Rate of descent (5.2%)	ft/MIN	420	530	640	740	850	960	

*SOUTH-EAST OF AERODROME ONLY. NOTE: MNM GROUND VISIBILITY REQUIRED 1500m

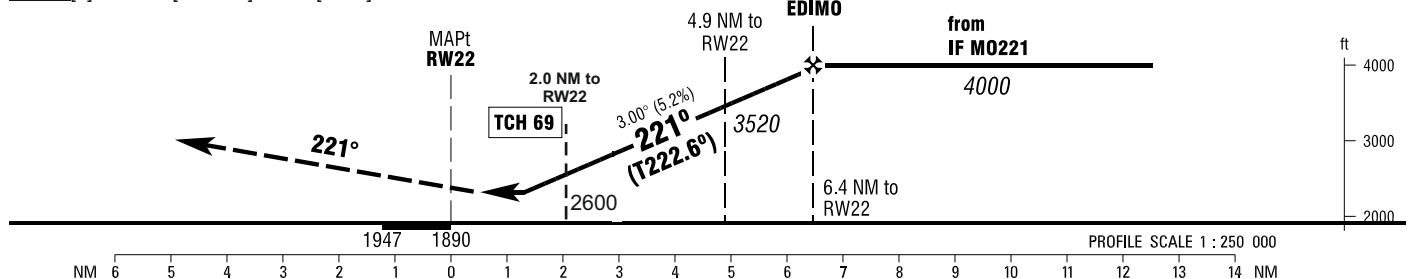
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TRANS ALT: 5000'	TRANS LEVEL: By ATC	Apt.Elev. 1906'



MISSSED APPROACH PROCEDURE RNAV (GPS)

On track 221° to M0223; LT to M0224 climbing
to 3000 or above; on track 346° continue to MAH
climbing to 5000.

M0233[L] - M0224[A3000+] - MAH[5000]



OCA (OCH)	A	B	C	D
LNAV	2300 (410)	2300 (410)	2300 (410)	2300 (410)
LNAV / VNAV	2270 (380)	2270 (380)	2270 (380)	2270 (380)
LPV	2300 (410)	2300 (410)	2300 (410)	2300 (410)
CIRCLING*	2490 (550)	2560 (610)	2850 (900)	2850 (900)

*SOUTH-EAST OF AERODROME ONLY. NOTE: MNM GROUND VISIBILITY REQUIRED 1500m.

DIST THR / RW22	2	3	4	5	6			
ALTITUDE	2600	2920	3240	3560	3870			

Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140	160	180
EDIMO - RW22 (6.4 NM)	MIN:SEC	4:48	3:50	3:12	2:45	2:24	2:08
Rate of descent (5.2%)	ft / MIN	420	530	630	740	840	950