GENERAL

Operational Hours

ATS Hours: MON-FRI 0600-1800‡, EXC HOL. Other times HX.

AD ADMIN Hours
PPR on weekdays 2HR in advance, for SKED FLTS on SAT, SUN or HOL: until 1700‡ of the previous workday.

Airport Information

RFF: CAT 6
PCN: RWY 04/22: 46/F/A/X/T
Customs: 2HR PPR

Operation

TWY Restriction
TWY A-D width 12.5m / 41ft.

TWY A southern part and TWY C, aprons RUAG and DLR are not lighted.

Taxi/Parking
RUAG APN: Follow-me mandatory after/before transition point (S of TWR).

Noise Abatement Procedure
All jet and turbine powered ACFT have to fulfil noise protection requirements according ICAO Annex 16 Chapter 4 after 1800‡.

Warnings

MAH VOR/DME unusable:
R200-R150:
0-10NM below 2800ft
10-20NM below 4100ft
20-30NM below 5500ft
R150-R200:
0-10NM below 4900ft
10-20NM below 8200ft
20-30NM below 11700ft

MUN VOR/DME unusable:
0-10NM below 2800ft
10-20NM below 4100ft
20-30NM below 5500ft

Model flying activity APROX 400m NW of ARP up to 300ft AGL.

ARRIVAL

Communication

COM Failure: See CRAR.

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.

MERSI 3A
Only for flights at FL120 or below.

APCH RWY 04
Execute APCH RWY 22 followed by circling SE of AD.

Non-standard GP intercept position on RWY 22
GP intercepts RWY 22 at *401m / 1317ft* after landing threshold.
Remaining DIST beyond GP is *1885m / 6183ft.*

DEPARTURE

Take-off Minima

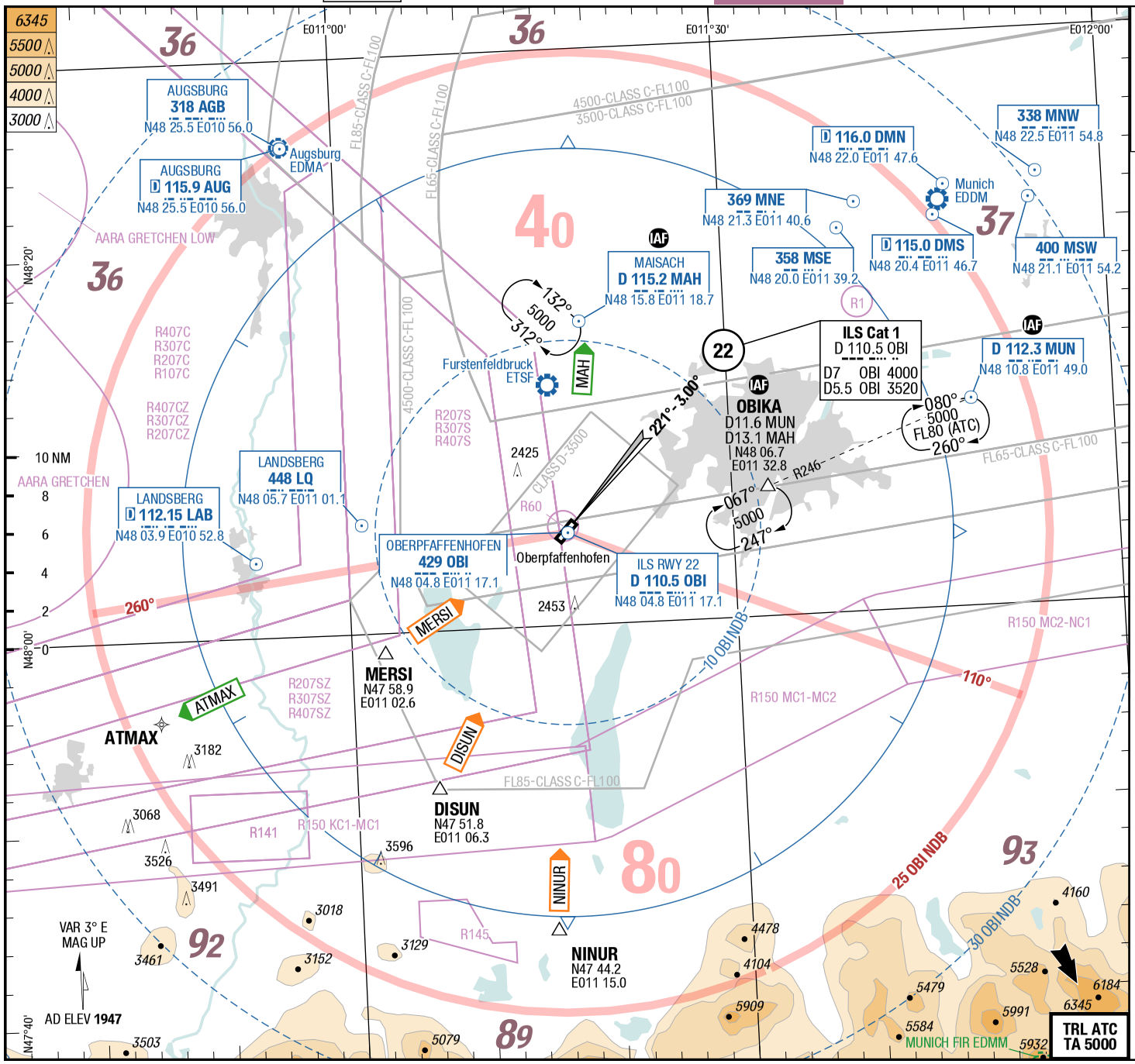
RWY		22	
All ACFT	ft - m/km	0 - 400v	-
RWY		04	
All ACFT	ft - m/km	VFR only	-

Communication

COM Failure: See CRAR.

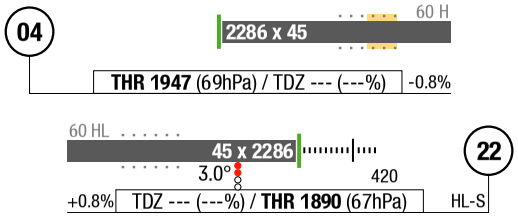
De-Icing

O/R.



ATIS	126.580	Mo-Fr 0600-1800‡ and O/R
Munich RAD	127.950	
Munich ARR	120.775	
TWR	119.555	Mo-Fr 0600-1800‡ and O/R
	122.105	O/R

Landing RWY system:



Changes: FREQ

ATIS	126.580	Mo-Fr 0600-1800‡ and O/R
TWR	119.555	Mo-Fr 0600-1800‡ and O/R
	122.105	O/R

E011° 17'

E011° 18'

N48° 05.5'

N48° 05'

N48° 04.5'

COORDINATES
1-21 Not published

22
220°
1890

04
040°
1947

ARP
N 48 04.9
E 011 17.0

2286 x 45

OBERPFAFFENHOFEN
429 OBI

OBERPFAFFENHOFEN
D 110.5 OBI

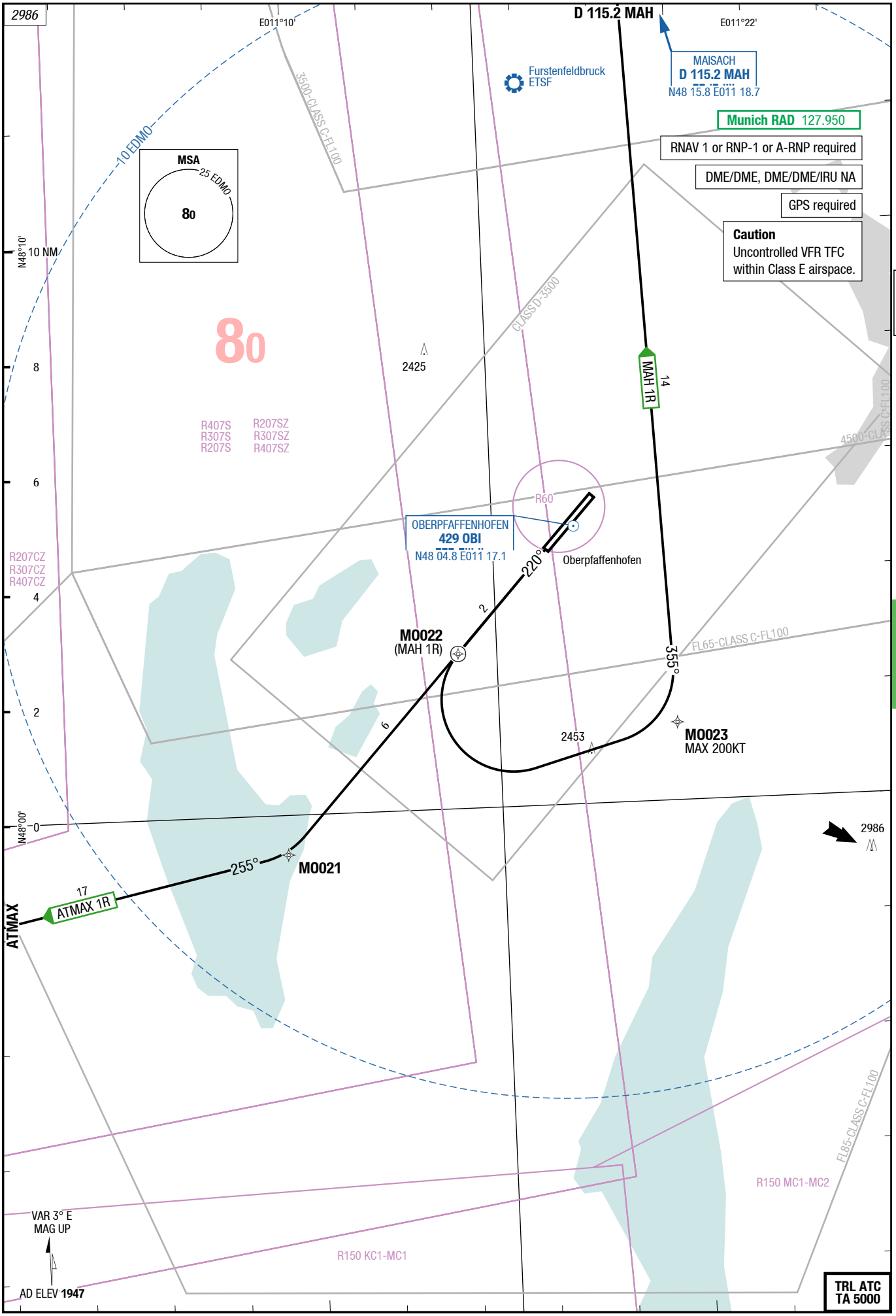
DLR

VAR 3° E
MAG UP

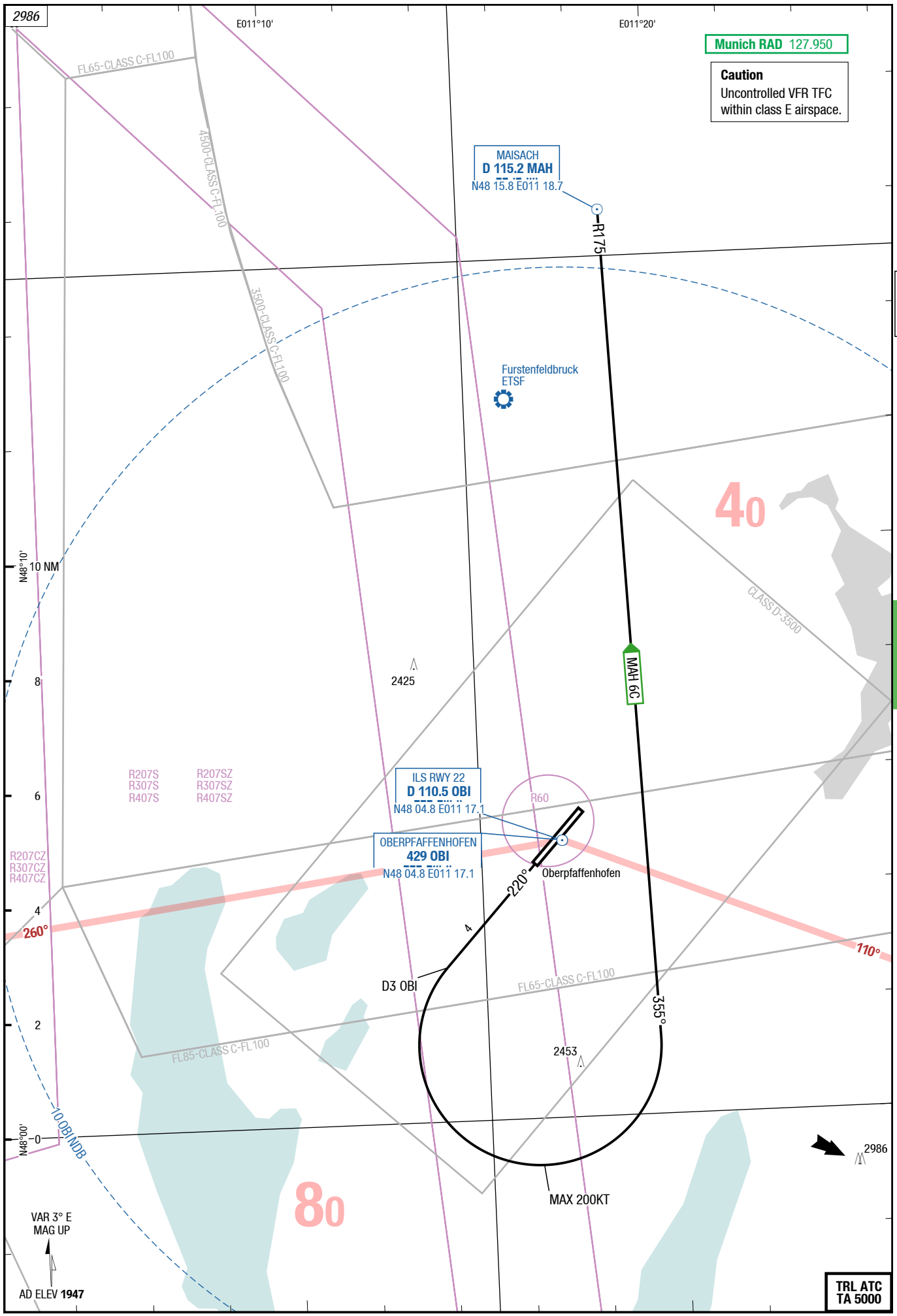
AD ELEV **1947**

m 0 500 1000

ft 0 1000 2000 3000


2986
D 115.2 MAH
E011°10'
E011°22'
MAISACH
D 115.2 MAH
N48 15.8 E011 18.7
Furstenfeldbruck
ETSF
Munich RAD 127.950
RNAV 1 or RNP-1 or A-RNP required
DME/DME, DME/DME/IRU NA
GPS required
Caution
Uncontrolled VFR TFC within Class E airspace.
3500-CLASS C-FL100
10 EDMO
MSA
25 EDMO
8o
10 NM
N48°10'
CLASS D-3500
4500-CLASS C-FL100
2425
MAH 1R
14
R407S R207SZ
R307S R307SZ
R207S R407SZ
R60
OBERPFAFFENHOFEN
429 OBI
N48 04.8 E011 17.1
Oberpfaffenhofen
220°
2
M0022
(MAH 1R)
355°
FL65-CLASS C-FL100
6
2453
M0023
MAX 200KT
R207CZ
R307CZ
R407CZ
N48°00'
2986
255°
M0021
17
ATMAX 1R
ATMAX
VAR 3° E
MAG UP
AD ELEV 1947
R150 KC1-MC1
R150 MC1-MC2
FL85-CLASS C-FL100
TRL ATC
TA 5000

Changes: Nil



ATMAX 1R / MAISACH 1R

RWY 22 (220°)

After take-off, contact Munich RAD.

	GS	120	150	180	210	240	270
3.5%	ft/MIN	500	600	700	800	900	1000
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 22	
ATMAX 1R 6.0% to 2200 3.5% to FL70 **127.950** ①②③	at M0021 **RT** to ATMAX **FMS** [A2400+] - M0021 - ATMAX	 initial climb **FL70**
MAISACH 1R **MAH 1R** 6.0% to 2200 **127.950** ①②	at M0022 **LT** (MAX 200KT) direct M0023 - **MAH** **FMS** [A2400+] - M0022 - M0023 [K200- ;L] - MAH	 initial climb **FL70**

① Close-in obstacles.

② Climb gradient due to obstacles.

③ 3.5% climb gradient due to MEA.

Changes: New

MAISACH 6C

RWY 22 (220°)

After take-off, contact Munich RAD.

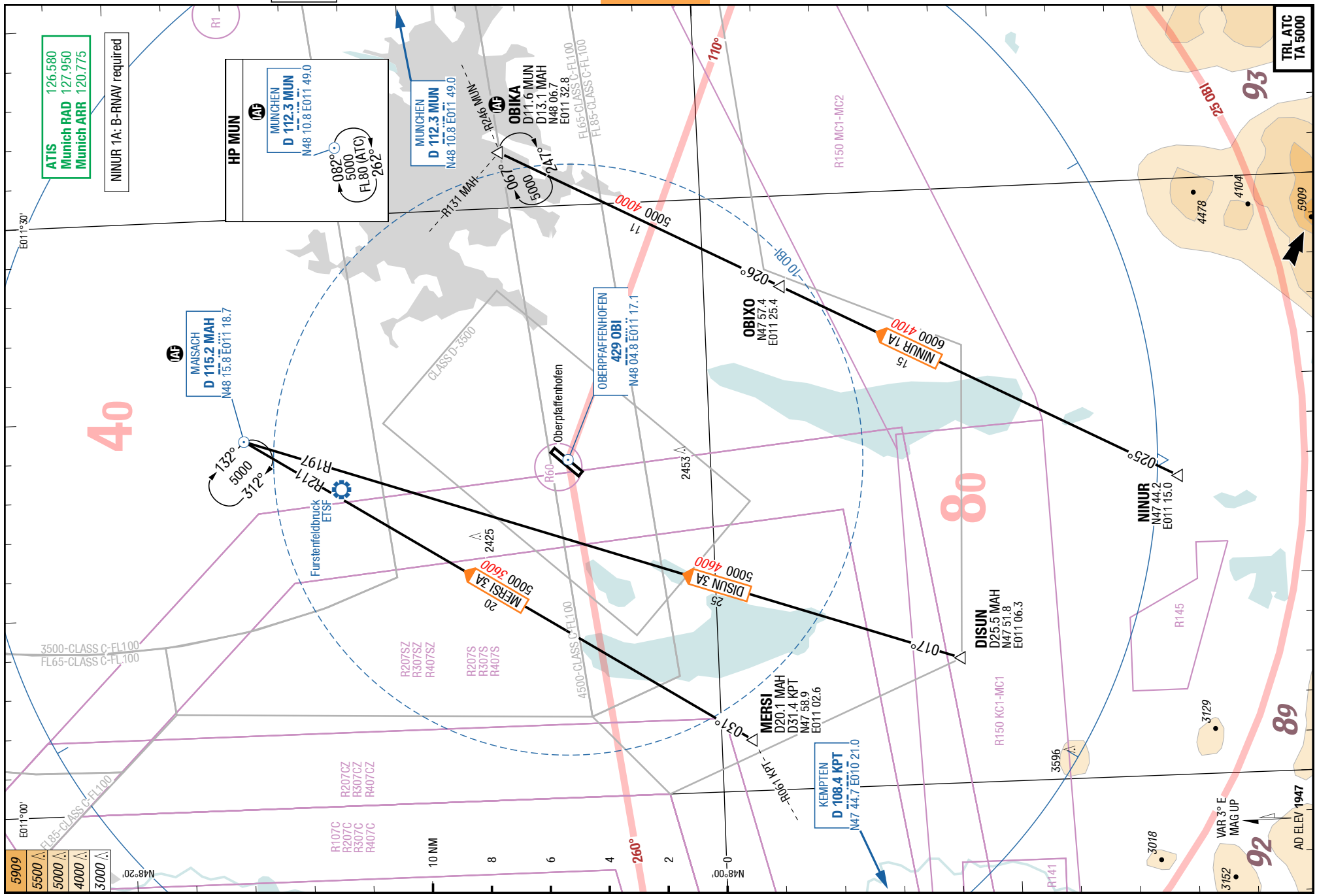
	GS	120	150	180	210	240	270
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
MAISACH 6C **MAH 6C** 6.0% to 2200 **127.950** ①②	at D3 **OBI LT** (MAX 200KT) intercept R175 **MAH** to **MAH**	initial climb **FL70**

① Close-in obstacles.

② Climb gradient due to obstacles.

Changes: chart title, PROC, PROC renumbered

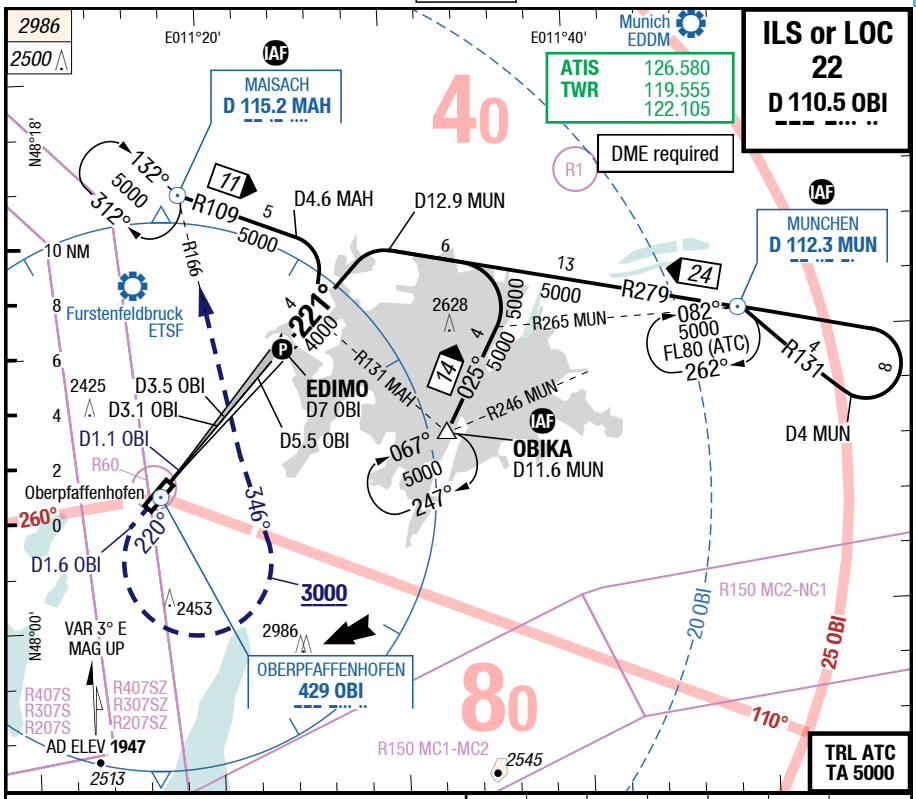


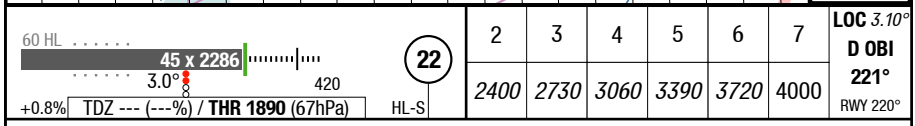
Changes: FREQ, VAR, SUAs

OBF-EDMO

7-10

ILS or LOC 22

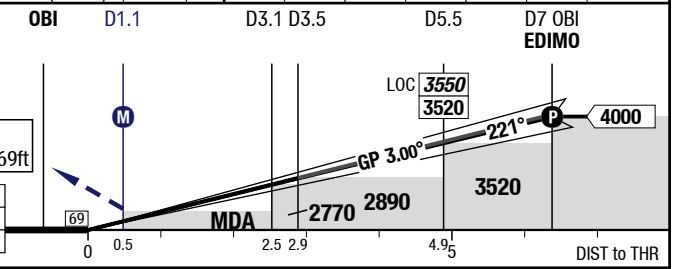




220°
at D1.6 **OBI LT**
intercept R166 **MAH**
(MNM **3000**) to **MAH**
climb **5000**

Caution
ILS TCH 69ft

GS	120	140	160
D5.5 OBI	*660*	*770*	*880*
-MAPt	NA	NA	NA



22		Cat 1 DME 1)	LOC DME				Circling 2)
C	ft - m/km ft	220 - 1.0V **2110**	400 - 1.0V **2290**				910 - 2.4V **2850**
D	ft - m/km ft	230 - 1.0V **2120**	400 - 1.0V **2290**				910 - 3.6V **2850**

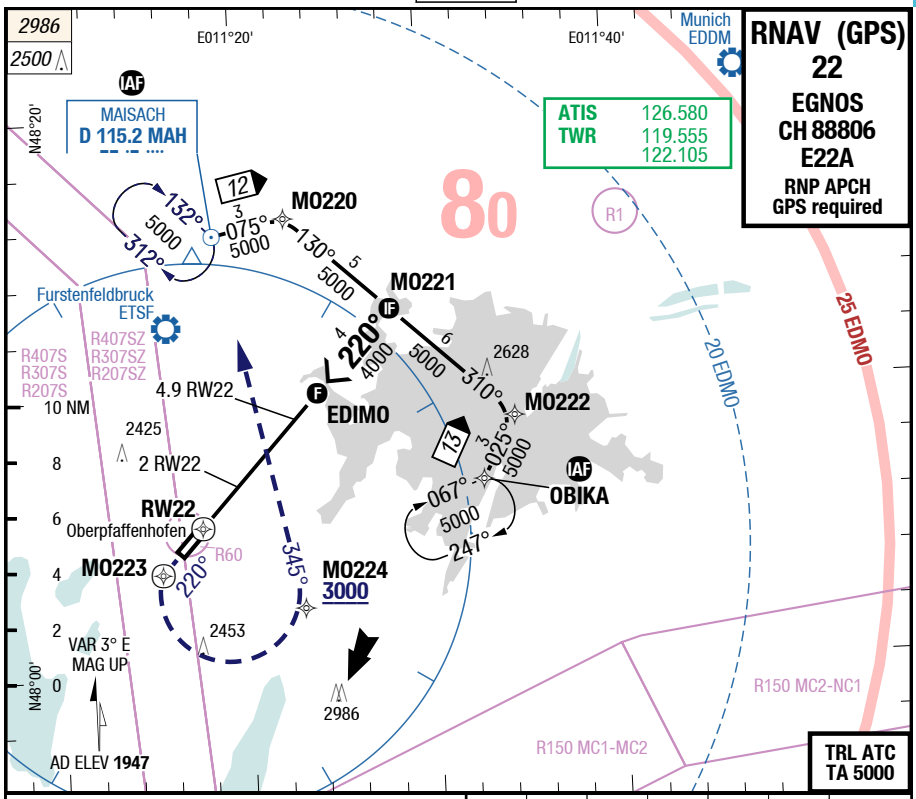
1) With EVS VIS 800m
2) SE of AD only

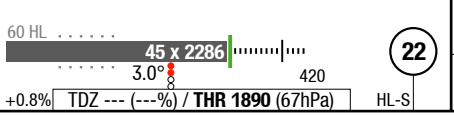
Changes: FREQ

OBF-EDMO

7-30

RNAV (GPS) 22





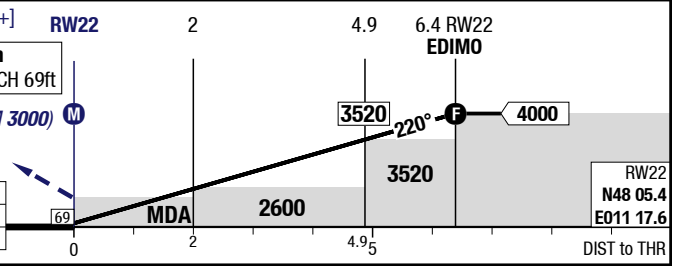
2	3	4	5	6	6.4	3.00° RW22
2600	2920	3240	3560	3870	4000	

M0223 [L] - M0224 [A3000+]
- MAH [A5000]

Caution
VNAV TCH 69ft

220°
*at M0223 **LT** - M0224 (MNM **3000**)*
*track 346 to **MAH***
*climb **5000***

GS	120	140	160
4.9 RWY22 - MAPT	*640*	740	*850*
	NA	NA	NA



22		RNAV GPS LPV 1)	RNAV GPS VNAV 1) 2)	RNAV GPS LNAV			Circling SE of AD only
C	ft - m/km ft	410 - 1.5V **2300**	380 - 1.5V **2270**	410 - 1.5V **2300**			910 - 2.4V **2850**
D	ft - m/km ft	410 - 1.5V **2300**	380 - 1.5V **2270**	410 - 1.5V **2300**			910 - 3.6V **2850**

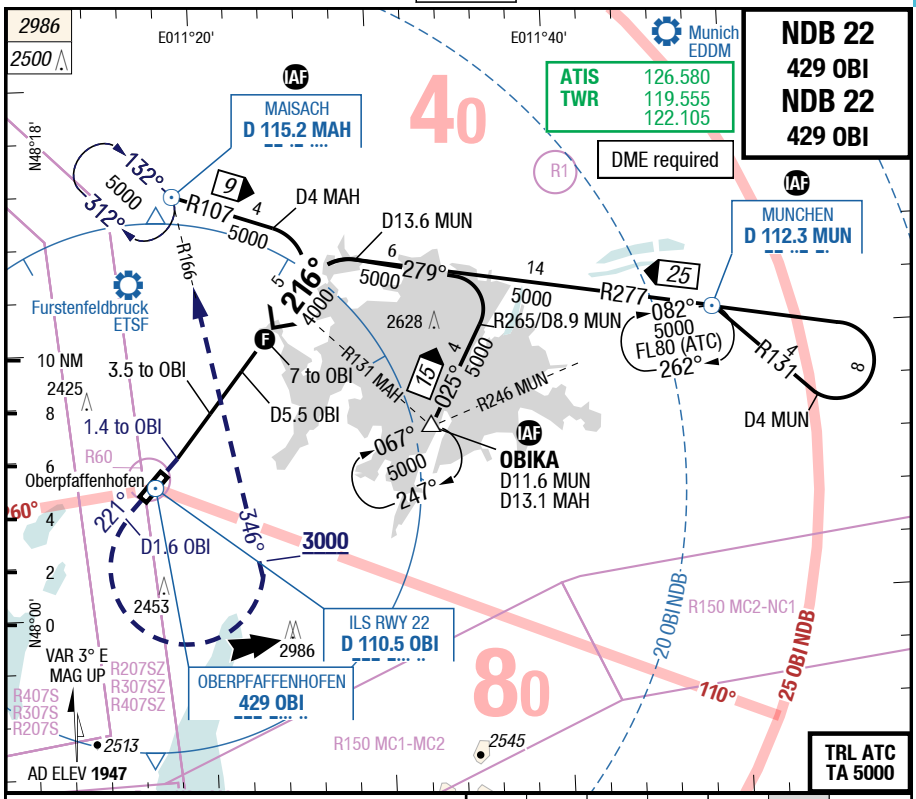
1) With EVS VIS 1.0km
2) Uncompensated BARO VNAV NA below -15°C (5°F)

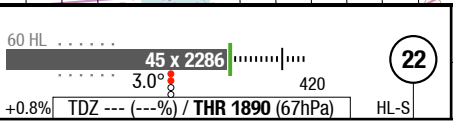
Changes: FREQ

OBF-EDMO

7-50

NDB 22

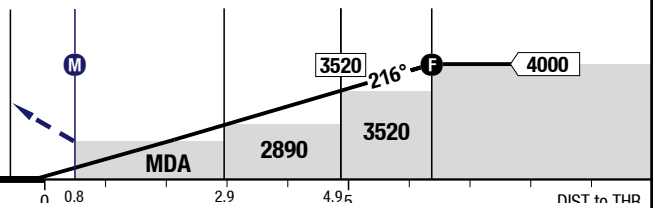




3	4	5	6	7		3.00°
2730	3050	3360	3680	4000		D OBI 216° RWY 220°

221°
at D1.6 **OBI LT**
intercept R166 **MAH**
(MNM **3000**) to **MAH**
climb **5000**

GS	120	140	160
D5.5 OBI	640	740	850
-MAPt	NA	NA	NA



22		NDB DME OBI					Circling SE of AD only
C	ft - m/km ft	600 - 1.6V **2490**					910 - 2.4V **2850**
D	ft - m/km ft	600 - 1.6V **2490**					910 - 3.6V **2850**

Changes: FREQ