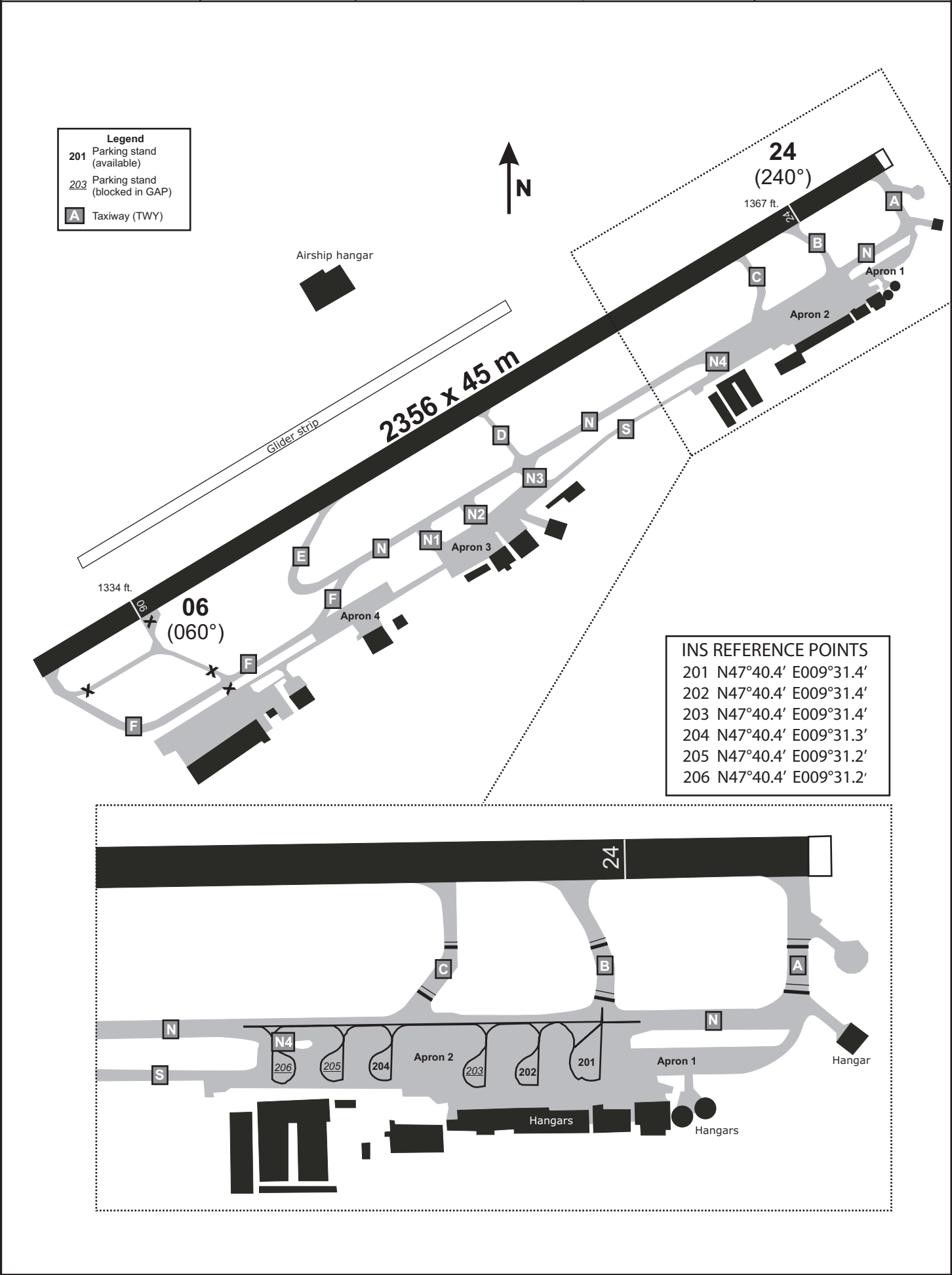
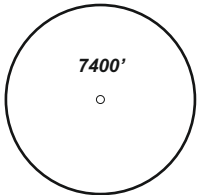


TRANS LEVEL: BY ATC TRANS ALT: 5000'	ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07	ZURICH Arrival 135.22	SWISS Radar 128.05
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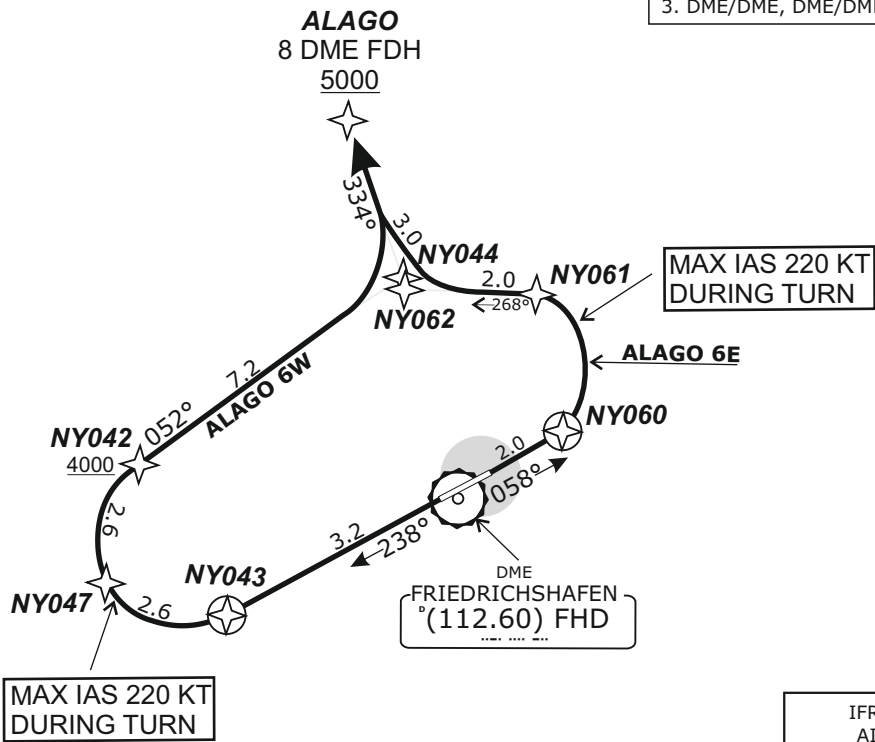
TRANS LEVEL: BY ATC TRANS ALT: 5000'	ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07	ZURICH Arrival 135.22	SWISS Radar 128.05
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ALAGO SIX WHISKEY - ALAGO 6W
ALAGO SIX ECHO - ALAGO 6E



MSA 25 NM
from ARP
*German territory only

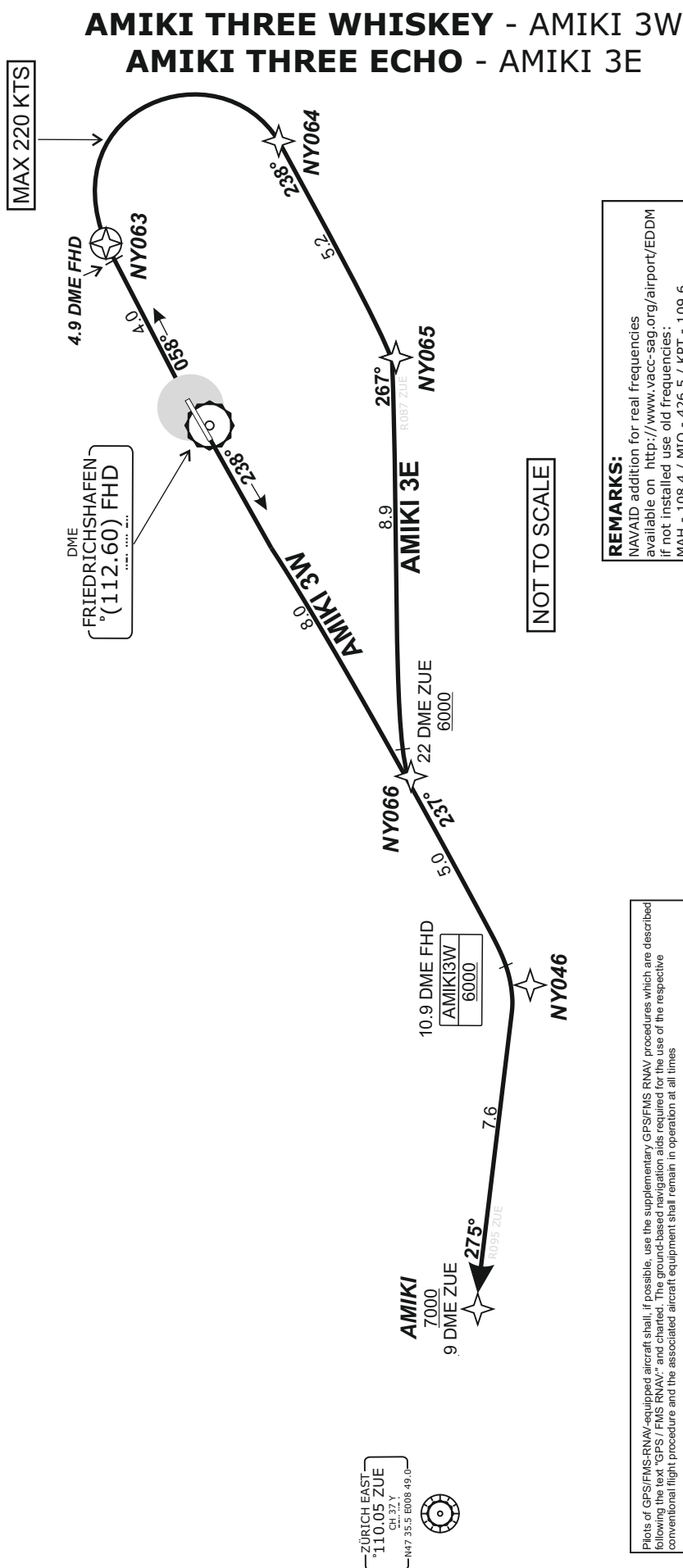
- REMARKS:**
1. RNAV-1 OR RNP-1 OR A-RNP EQUIVALENT.
 2. GPS REQUIRED
 3. DME/DME, DME/DME/IRU NOT AUTHORIZED



IFR PROFILES WITHIN
AIRSPACE CLASS E.
WATCH OUT FOR VFR TRAFFIC
UNKNOWN TO ATC.

Contact Zürich Arrival when advised by Tower Initial climb clearance 5000'.

SID	RWY	ROUTING	GPS/FMS RNAV	REMARKS
ALAGO 6W	24	On track 238° to NY043, RT, via NY047 and NY042 to NY044, LT to ALAGO. Climb with 4.4% (270 ft/NM) due to airspace structure. Cross NY042 at or above 4000.	[A1800+] - NY043[K220-; R] - NY047[R] - NY042[A4000+] - NY044[L] - ALAGO[A5000+]	
ALAGO 6E	06	On track 058° to NY060, LT, via NY061 to NY062, RT, to ALAGO. Climb with 5.5% (335 ft/NM) due to airspace structure. Cross ALAGO at or above 5000.	[A1800+] - NY060[K220-; L] - NY061 - NY062[R] - ALAGO[A5000+]	



REMARKS:

NAVIAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6

Initial climb clearance 5000'.

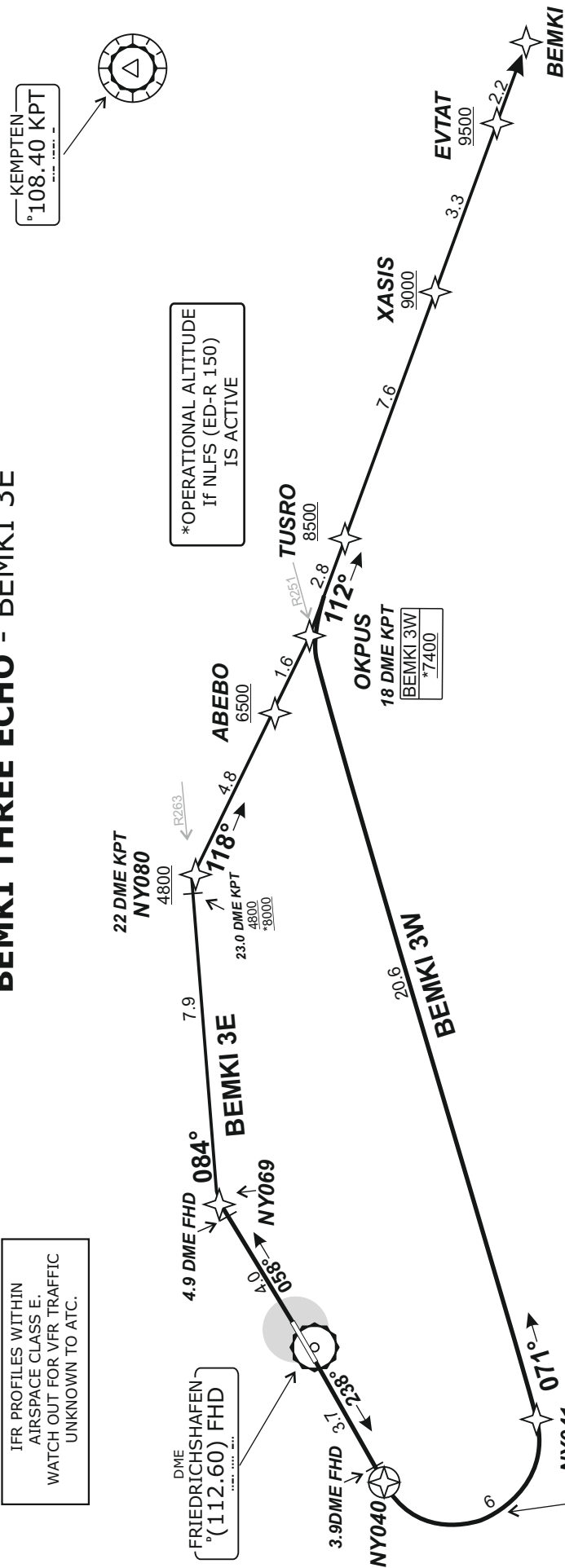
Contact Zürich Arrival when advised by Tower

SID	RWY	Routing	GPS/FMS RNAV
AMIKI 3W	24	On track 238° to 10.9 DME FHD, RT, intercept R095 ZUE to AMIKI. Climb with 7.0% (425 ft/NM) until passing 6000. Cross 10.90 DME FHD at or above 6000. Cross AMIKI at or above 7000.	[A1800+] - NY046[A6000+; R] - AMIKI[A7000+].
AMIKI 3E	06	On track 058° to 4.9 DME FHD, RT, on track 238° to intercept R087 ZUE to 22.0 DME ZUE; LT, on track 238° to intercept R095 ZUE to AMIKI. Cross 22.0 DME ZUE at or above 6000. Cross AMIKI at or above 7000.	[A1800+] - NY063[K220-; R] - NY064 - NY065[R] - NY066[A6000+; L] - NY046[R] - AMIKI[A7000+].

MSA 25 NM
from ARP
*German territory only

Do not use for real life navigation!

BEMKI THREE WHISKEY - BEMKI 3W
BEMKI THREE ECHO - BEMKI 3E

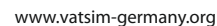


REMARKS:
NAVAID addition for real frequencies available on <http://www.vacc-sag.org/airport/EDDM> if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6

Initial climb clearance 5000'.

Contact Zürich Arrival when advised by Tower

GPS/FMS RNAV		Routing	
SID	RWY		
BEMKI 3W	24	On track 238° to 3.9 DME FHD, LT, on track 071° to intercept R251 KPT to 18.0 DME KPT, RT, on track 112° via TUSRO, XASIS and EVTAT to BEMKI. Climb with 4.6% (280 ft/NM) until passing 3300. Cross EVTAT at or above 9500.	
BEMKI 3E	06	On track 058° to 4.9 DME FHD, RT, on track 084° to intercept R263 KPT to 23.0 DME KPT, LT, on track 118° via ABEBO to OKPUS, LT, on track 112° via TUSRO, XASIS and EVTAT to BEMKI. Climb with 5.0% (304 ft/NM) until passing 8500. Cross EVTAT at or above 9500.	



TRANS LEVEL: BY ATC TRANS ALT: 5000'	ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07	ZURICH Arrival 135.22	SWISS Radar 128.05
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MOKOP THREE WHISKEY - MOKOP 3W

MOKOP THREE ECHO - MOKOP 3E

7400'

○

MSA 25 NM
from ARP

*German territory only

REMARKS:
 1. RNAV-1 OR RNP-1 OR A-RNP EQUIVALENT.
 2. GPS REQUIRED
 3. DME/DME, DME/DME/IRU NOT AUTHORIZED

NOT TO SCALE

IFR PROFILES WITHIN
 AIRSPACE CLASS E.
 WATCH OUT FOR VFR TRAFFIC
 UNKNOWN TO ATC.

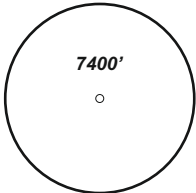
Contact Zürich Arrival when adviced by Tower

Initial climb clearance 5000'.

SID	RWY	ROUTING	GPS/FMS RNAV	REMARKS
MOKOP 3W	24	On track 238° to <u>NY043</u> , RT, via NY051 to MOKOP. Climb with 5.2% (315 ft/NM) due to airspace structur Cross NY051 at or above 4000.	[A1800+] - NY043[K220-; R] - NY051[A4000+] - MOKOP[A5000+].	
MOKOP 3E	06	On track 058° to <u>NY063</u> , RT, via NY071 to ENIBI, LT to MOKOP.	[A1800+] - NY063[K220-; R] - NY071[K220-,R] - ENIBI[K220-,L] - MOKOP[A5000+].	

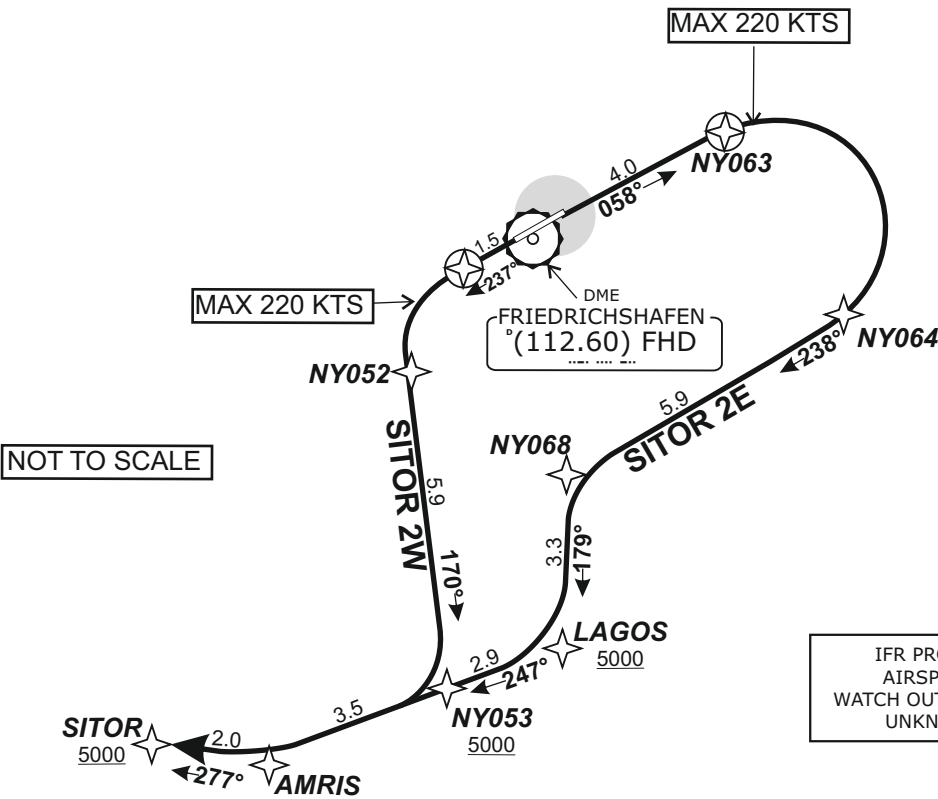
TRANS LEVEL: BY ATC TRANS ALT: 5000'	ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07	ZURICH Arrival 135.22	SWISS Radar 128.05
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SITOR TWO WHISKEY - SITOR 2W
SITOR TWO ECHO - SITOR 2E



MSA 25 NM
from ARP
*German territory only

- REMARKS:**
- 1. RNAV-1 OR RNP-1 OR A-RNP EQUIVALENT.
 - 2. GPS REQUIRED
 - 3. DME/DME, DME/DME/IRU NOT AUTHORIZED



Contact Zürich Arrival when advised by Tower

Initial climb clearance 5000'.

SID	RWY	ROUTING	GPS/FMS RNAV	REMARKS
SITOR 2W	24	On track 237° to NY050, LT, via NY052 to NY053, RT, to AMRIS, RT, to SITOR. Climb with 6.2% (380 ft/NM) due to airspace structure Cross NY053 and SITOR at or above 5000.	[A1800+] - NY050[K220-; L] - NY052 - NY053[A5000+; R] - AMRIS[R] - SITOR[A5000+].	Only for flights to LSZR.
SITOR 2E	06	On track 058° to NY063, RT, via NY064 to NY068, LT, to LAGOS, RT, to AMRIS, RT, to SITOR Climb with 4.3% (265 ft/NM) due to airspace structure Cross NY053 and SITOR at or above 5000.	[A1800+] - NY063[K220-; R] - NY064 - NY068[L] - LAGOS[A5000+; R] - AMRIS[R] - SITOR[A5000+].	Only for flights to LSZR.

Do not use for real life navigation!

Revision: 2018-07-19 - Change: procedure, note

TRANS LEVEL: BY ATC
TRANS ALT: 5000'

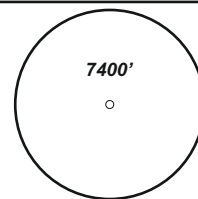
ATIS
129.60

FRIEDRICHSHAFEN Tower
120.07

ZURICH Arrival
135.22

SWISS Radar
128.05

TRASADINGEN THREE WHISKEY - TRA 3W
TRASADINGEN THREE ECHO - TRA 3E

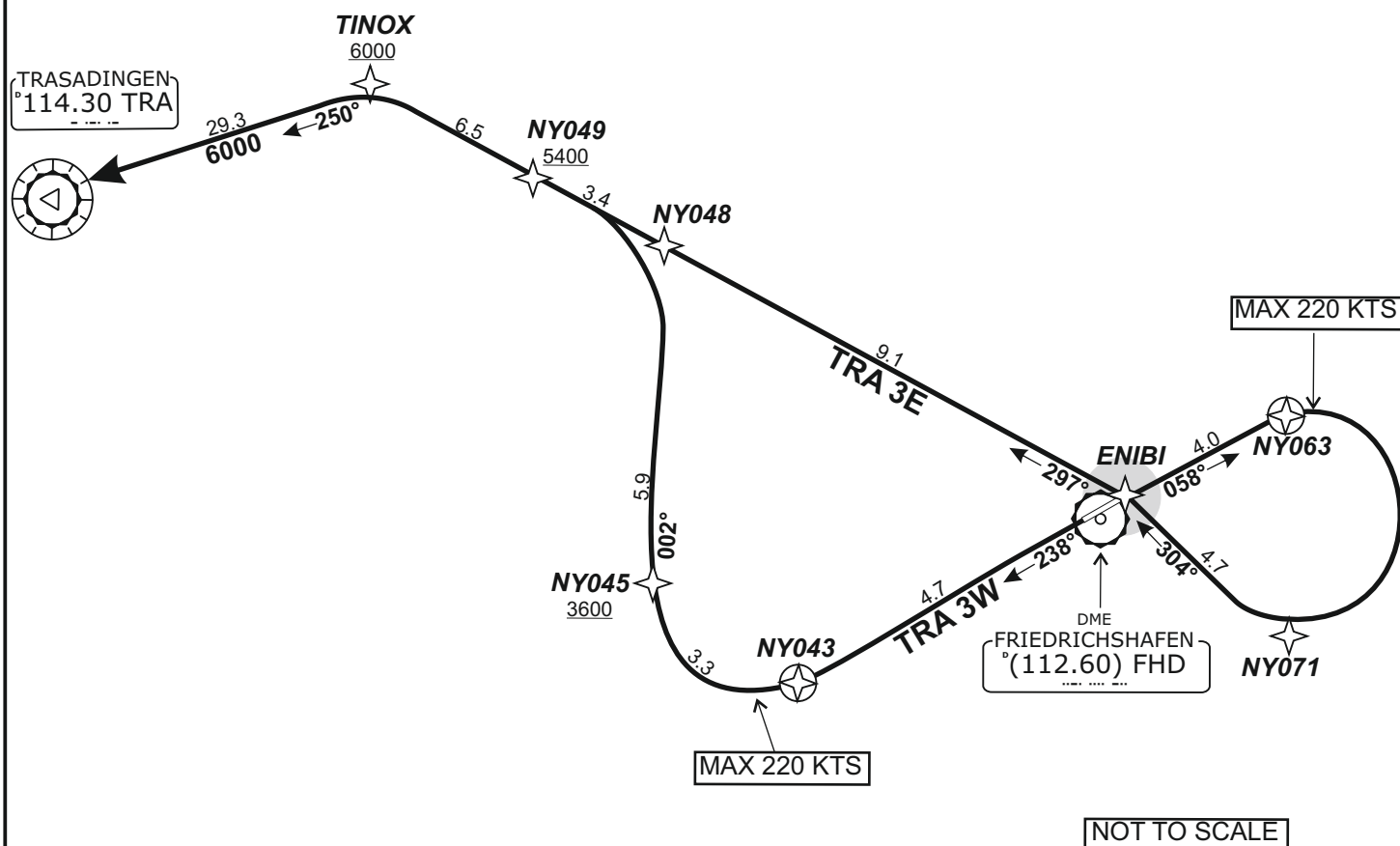


MSA 25 NM
from ARP

*German territory only

REMARKS:

1. RNAV-1 OR RNP-1 OR A-RNP EQUIVALENT.
2. GPS REQUIRED
3. DME/DME, DME/DME/IRU NOT AUTHORIZED



NOT TO SCALE

IFR PROFILES WITHIN
AIRSPACE CLASS E.
WATCH OUT FOR VFR TRAFFIC
UNKNOWN TO ATC.

Contact Zürich Arrival when advised by Tower

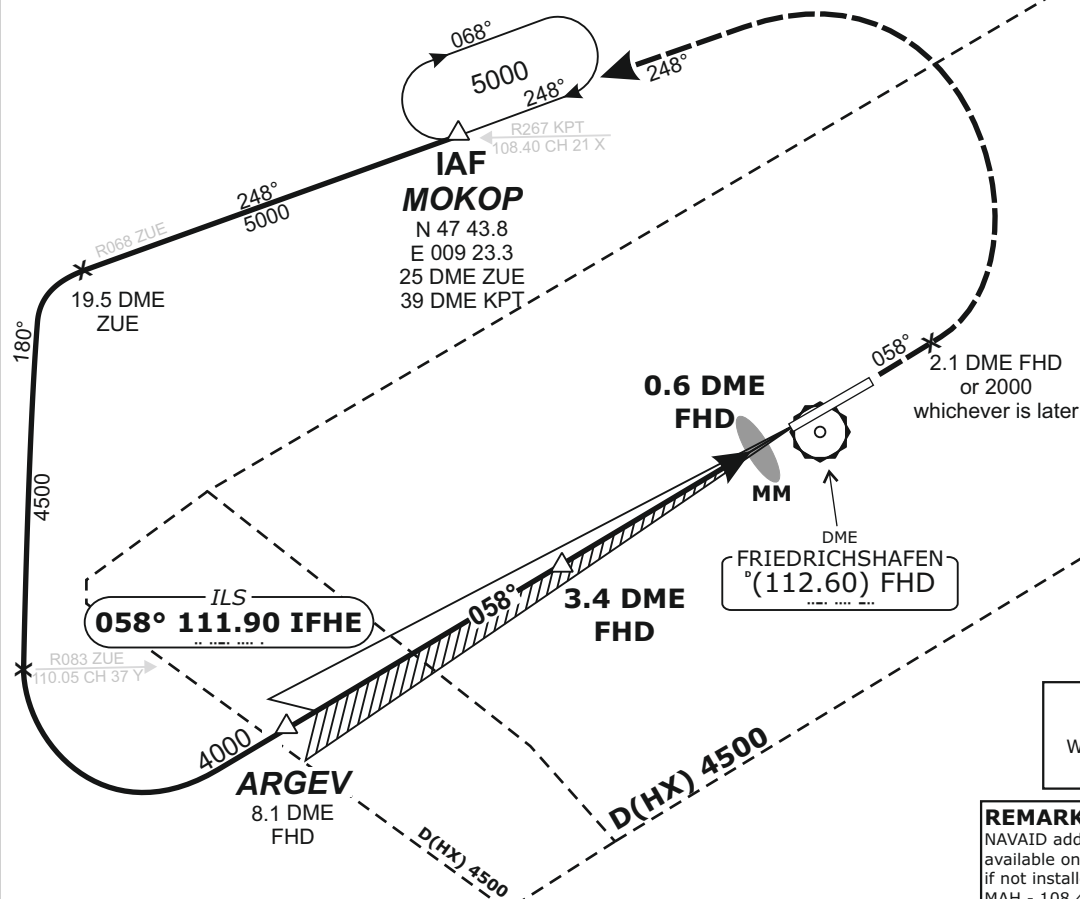
Initial climb clearance 5000'.

SID	RWY	ROUTING	GPS/FMS RNAV	REMARKS
TRA 3W	24	On track 238° to NY043, RT, via NY045 to NY048, LT, via NY049 to TINOX, LT, 250° to TRA. Climb with 4.6% (280 ft/NM) due to airspace structure Cross NY045 at or above 3600, NY049 at or above 5400 and TINOX at or above 6000	[A1800+] - NY043[K220-; R] - NY045[A3600+] - NY048[L] - NY049[A5400+] - TINOX[A6000+; L] - TRA.	
TRA 3E	06	On track 058° to NY063, RT, via NY071 to ENIBI, LT, via NY049 to TINOX, LT, on track 250° to TRA. Cross NY049 at or above 5400 and TINOX at or above 6000.	[A1800+] - NY063[K220-; R] - NY071[R] - ENIBI[L] - NY049[A5400+] - TINOX[A6000+; L] - TRA.	

TRANS LEVEL: BY ATC TRANS ALT: 5000'		ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07		ZURICH Arrival 135.22	SWISS Radar 128.05
ILS IFHE 111.90	DME FHD 112.60	Final Apch Course 058°	FAF ARGEV 4000'	MDA(H) Refer to Minimums	Apt.Elev. 1367' THR Elev. 1334'	7400'

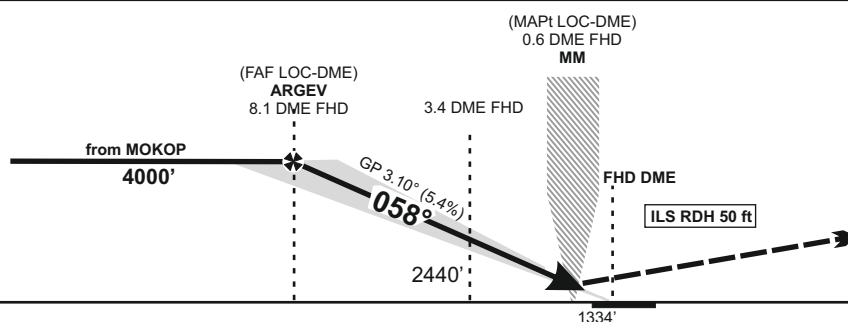
MISSED APCH: Climb on track 058° to 2.1 DME FHD or 2000', whichever is later, LT, to intercept R068 ZUE to MOKOP, climbing to 5000'. Max IAS 195 KT until established inbound MOKOP

DME REQUIRED



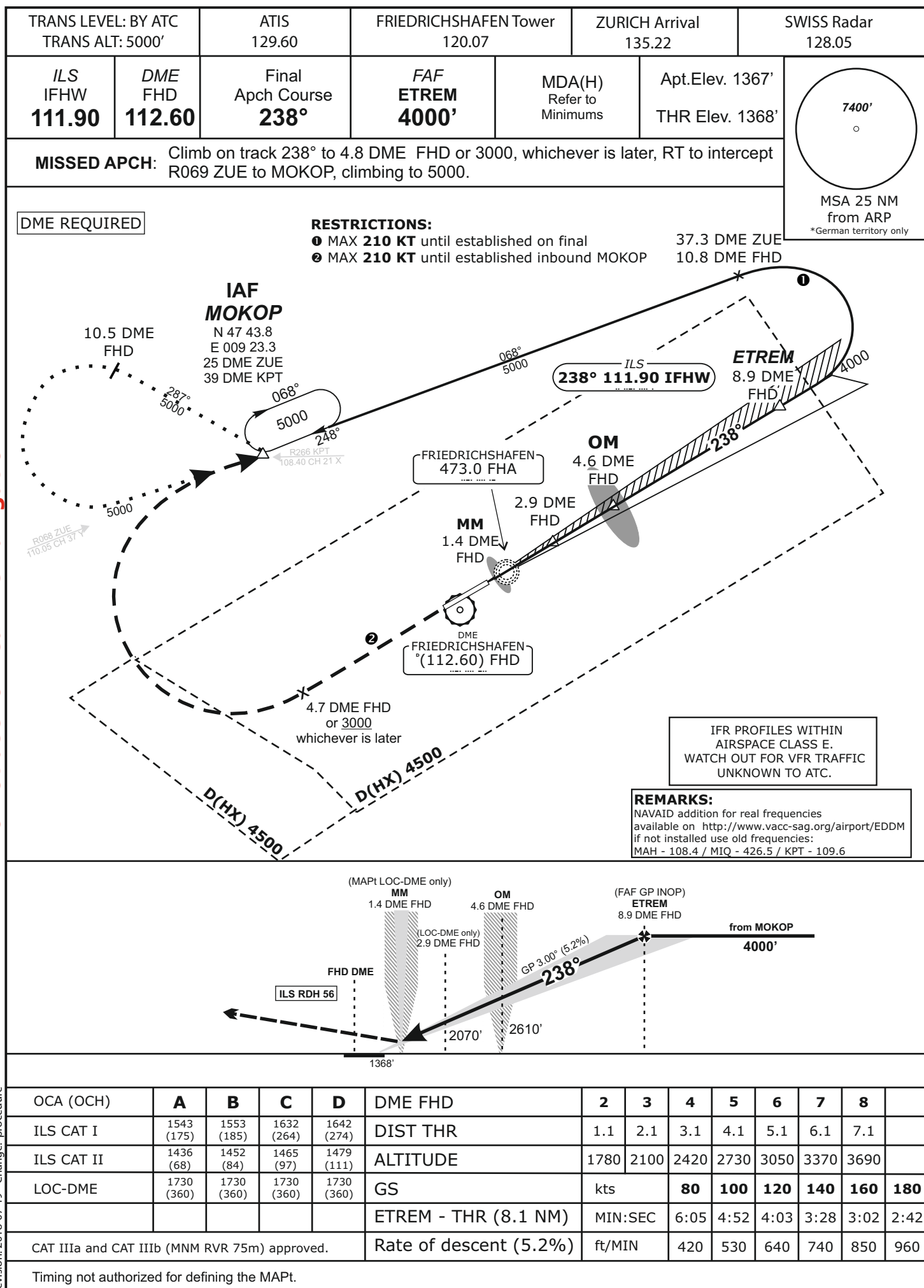
IFR PROFILES WITHIN
AIRSPACE CLASS E.
WATCH OUT FOR VFR TRAFFIC
UNKNOWN TO ATC.

REMARKS:
NAVAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6



OCA (OCH)	A	B	C	D	DME FHD	8	7	6	5	4	3	2	
ILS CAT I	1523 (188)	1533 (198)	1542 (207)	1552 (217)	DIST THR	7.8	6.8	5.8	4.8	3.8	2.8	1.8	
LOC-DME	1760 (430)	1760 (430)	1760 (430)	1760 (430)	ALTITUDE	3950	3620	3290	2960	2640	2310	1980	
					GS	kts		80	100	120	140	160	180
					ARGEV - THR (8.0 NM)	MIN:SEC		6:00	4:48	4:00	3:26	3:00	2:40
					Rate of descent (5.4%)	ft/MIN		440	550	660	770	870	980

LOC-DME: Timing not authorized for defining the MAPt.

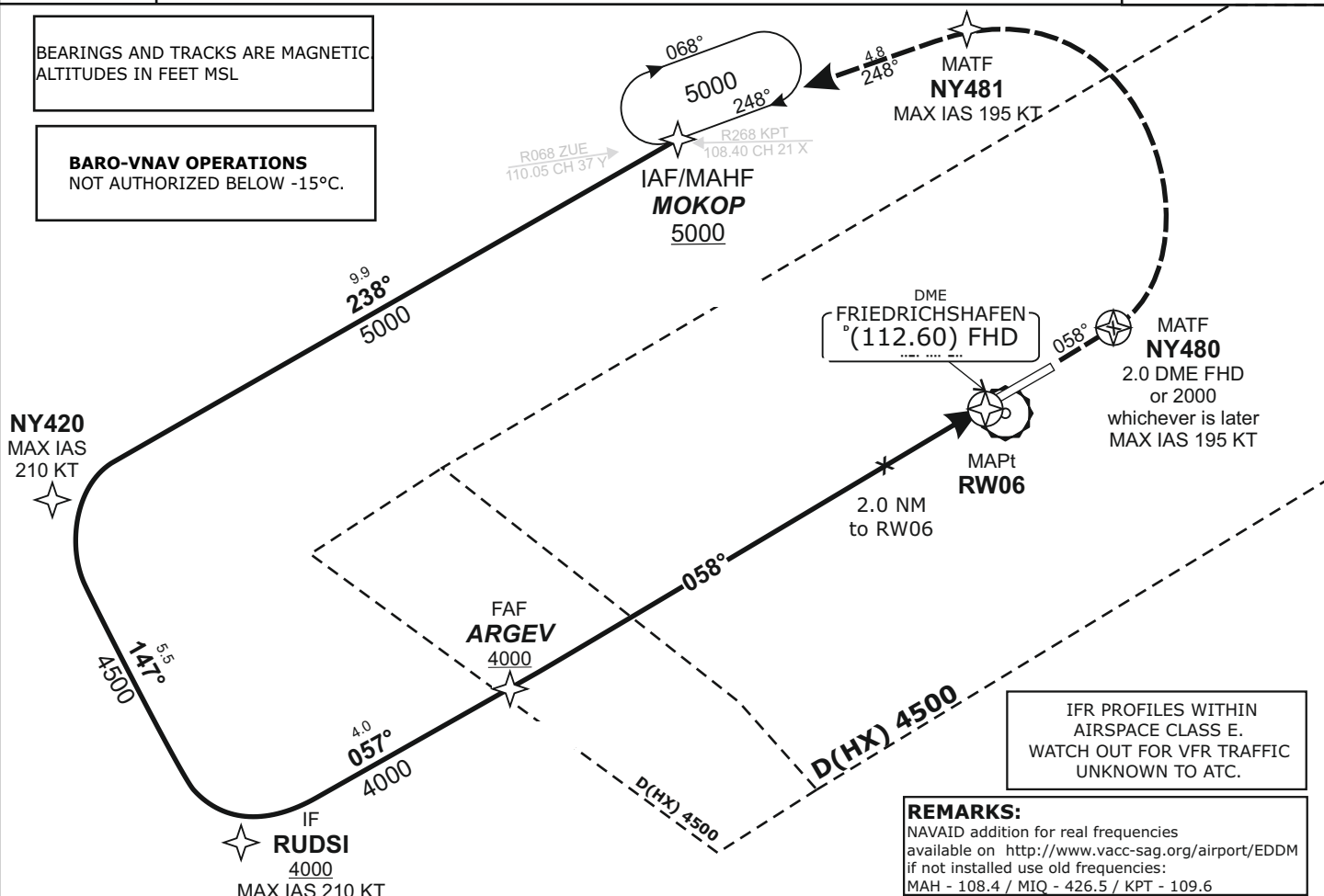


Do not use for real life navigation!

TRANS LEVEL: BY ATC TRANS ALT: 5000'		ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07		ZURICH Arrival 135.22	SWISS Radar 128.05
	DME FHD 112.60	Final Apch Course 058°	FAF ARGEV 4000'	MDA(H) Refer to Minimums	Apt.Elev. 1367' THR Elev. 1335'	7400' ○ MSA 25 NM from ARP *German territory only
MISSED APCH: RNAV (GPS)	Climb on track 058° to <u>NY480</u> or 2000', whichever is later, LT, via NY481 on track 248° to MOKOP, climbing to 5000'.					
	<u>NY480</u> - [A2000+;L] - NY481 - MOKOP[A5000]					

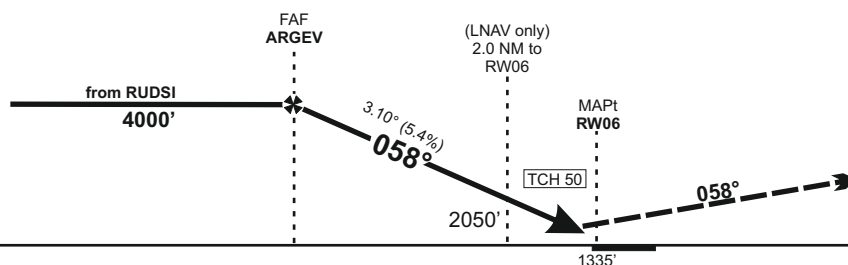
BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES IN FEET MSL

BARO-VNAV OPERATIONS
NOT AUTHORIZED BELOW -15°C.



REMARKS:

NAVAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6



OCA (OCH)	A	B	C	D	DIST THR	7	6	5	4	3	2		
LNAV	1760 (430)	1760 (430)	1760 (430)	1760 (430)	ALTITUDE	3690	3360	3030	2700	2370	2050		
LNAV/VNAV	1630 (295)	1640 (305)	1650 (315)	1669 (334)									
LPV	1516 (181)	1526 (191)	1542 (207)	1552 (217)	GS	kts		80	100	120	140	160	180
					ARGEV - RW06R (8.0 NM)	MIN:SEC	6:00	4:48	4:00	3:26	3:00	2:40	
					Rate of descent (5.4%)	ft/MIN	440	550	660	770	870	980	

Timing not authorized for defining the MAPt.

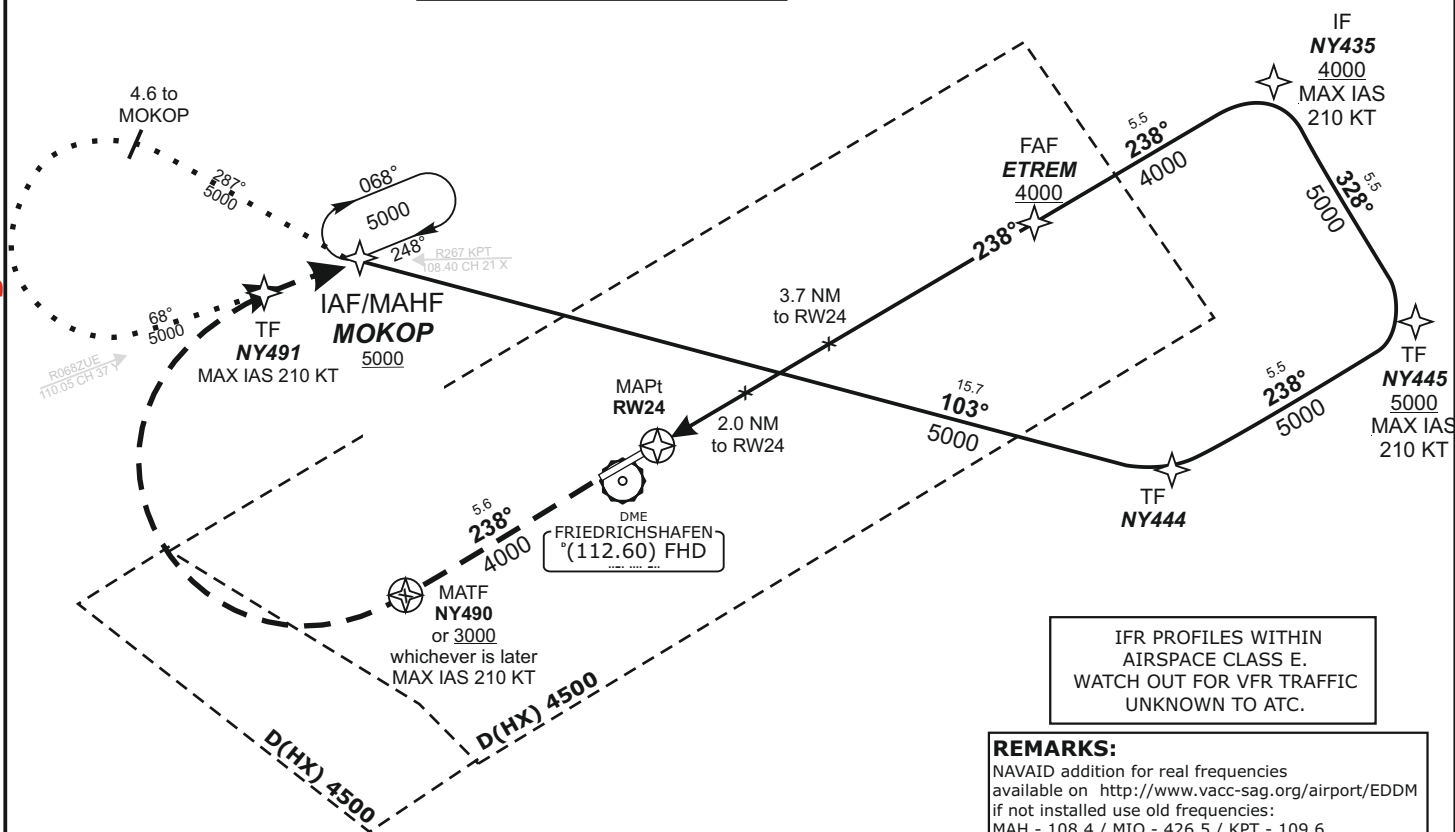
Do not use for real life navigation!

TRANS LEVEL: BY ATC TRANS ALT: 5000'		ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07		ZURICH Arrival 135.22	SWISS Radar 128.05
	DME FHD 112.60	Final Apch Course 238°	FAF ETREM 4000'	MDA(H) Refer to Minimums	Apt.Elev. 1367' THR Elev. 1368'	7400' MSA 25 NM from ARP *German territory only
MISSED APCH: RNAV (GPS)	Climb on track 238° to <u>NY490</u> or 3000', whichever is later, RT, via NY491 to MOKOP, climbing to 5000'. MAX IAS 210 KT until NY491					
	<u>NY490</u> - [A3000+;R] - NY491 - MOKOP[A5000]					

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES IN FEET MSL

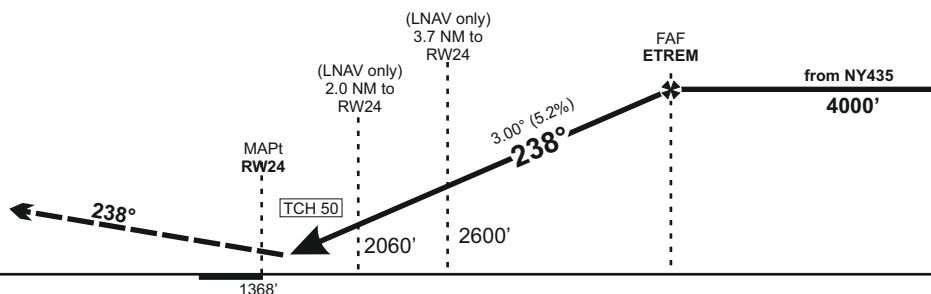
BARO-VNAV OPERATIONS
NOT AUTHORIZED BELOW -15°C.

Do not use for real life navigation!



REMARKS:

NAVAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
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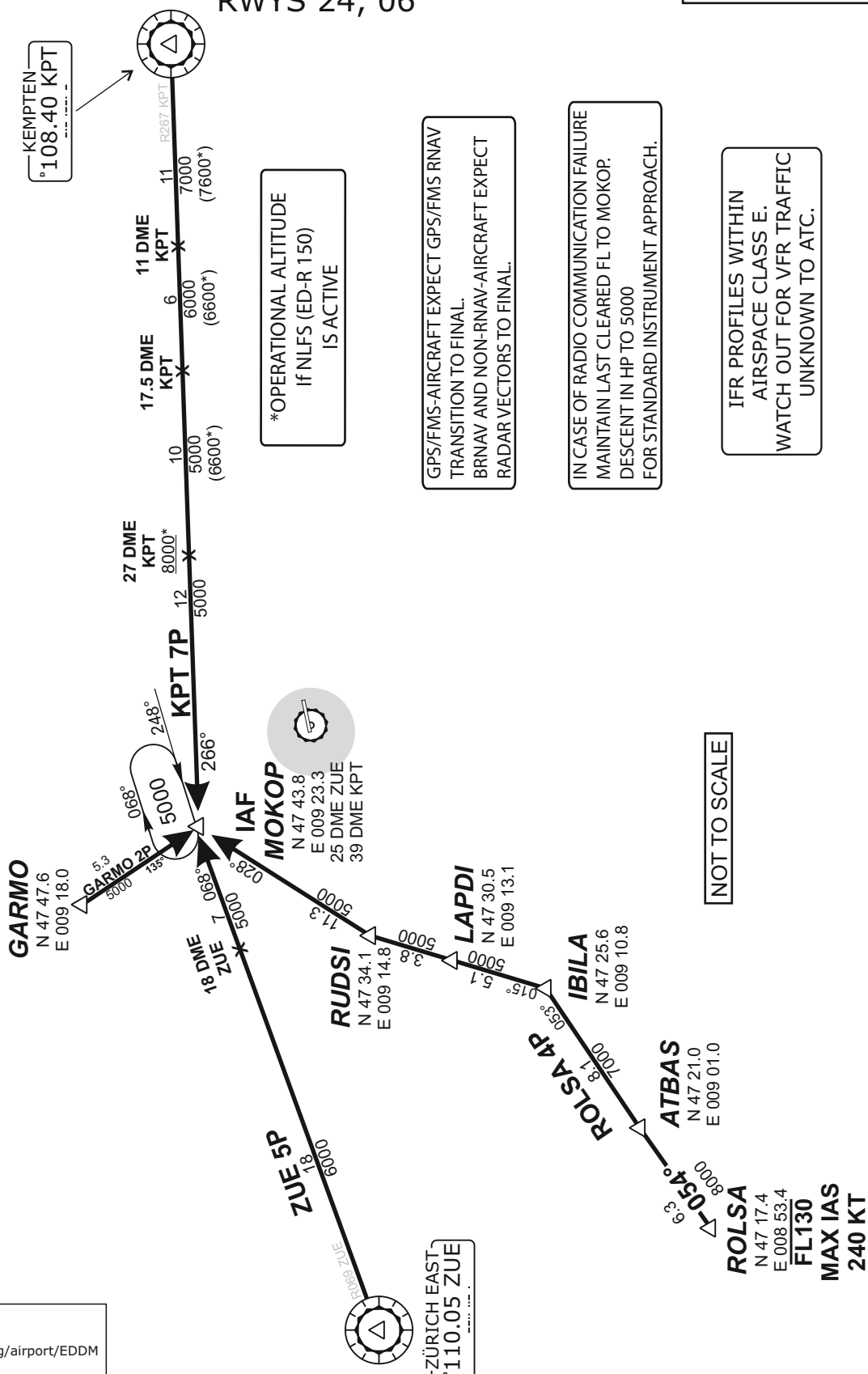
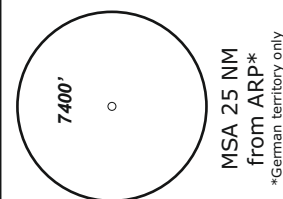


OCA (OCH)	A	B	C	D	DIST THR / RW24	1	2	3	4	5	6	7	8
LNAV	1740 (370)	1740 (370)	1740 (370)	1740 (370)	ALTITUDE	1740	2060	2380	2700	3010	3330	3650	3970
LNAV / VNAV	1618 (250)	1627 (259)	1637 (269)	1646 (278)									
LPV	1543 (175)	1553 (185)	1632 (264)	1642 (274)	GS	kts		80	100	120	140	160	180
					ETREM - RW24 (8.1 NM)	MIN:SEC		6:05	4:52	4:03	3:28	3:02	2:42
					Rate of descent (5.2%)	ft/MIN		420	530	640	740	850	960

Timing not authorized for defining the MAPt.

TRANS LEVEL: BY ATC TRANS ALT: 5000'	ATIS 129.60	FRIEDRICHSHAFEN Tower 120.07	ZURICH Arrival 135.22	SWISS Radar 128.05
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KEMPTEN SEVEN PAPA - KPT 7P
GARMO TWO PAPA - GARMO 2P
ROLSA FOUR PAPA - ROLSA 4P
ZURICH FIVE PAPA - ZUE 5P
 RWYS 24, 06



REMARKS:

NAVAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6

Do not use for real life navigation!

Revision: 2018-07-19: Change: procedure, note

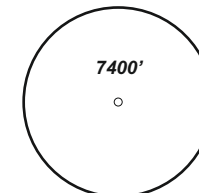
TRANS LEVEL: BY ATC
TRANS ALT: 5000'

FRIEDRICHSHAFEN ATIS
129.60

FRIEDRICHSHAFEN Tower
120.07

ZURICH Arrival
135.22

SWISS Radar
128.05



MSA 25 NM
from ARP
*German territory only

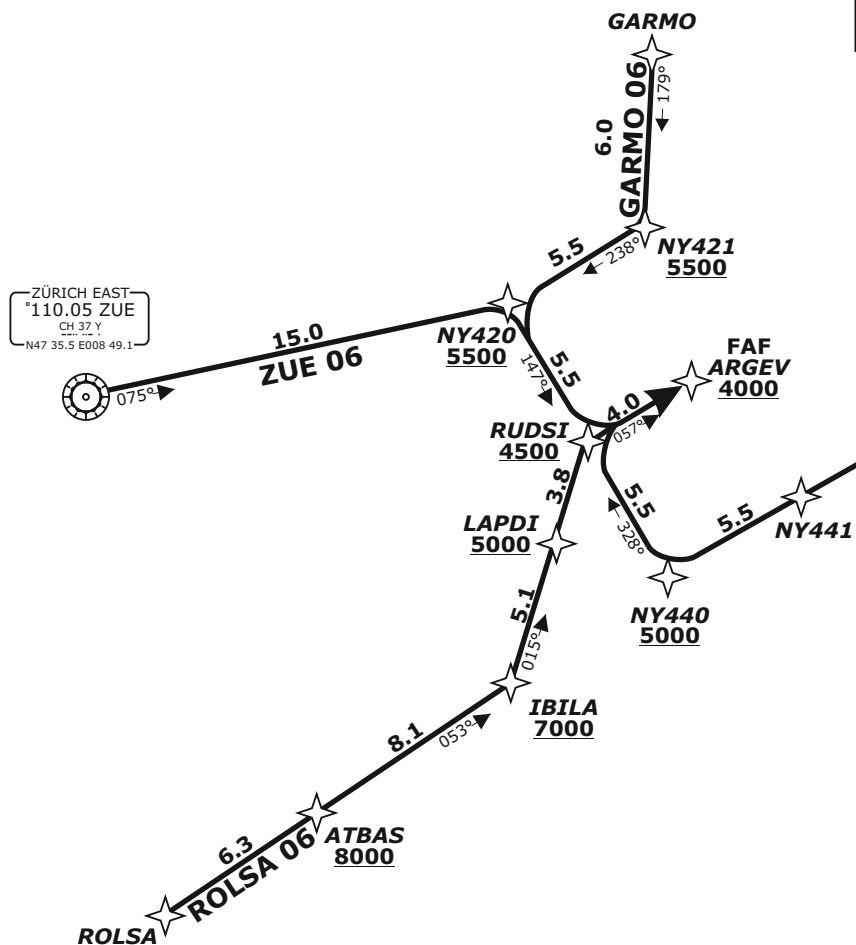
REMARKS

1. USE OF TRANSITION ONLY WHEN CLEARED BY ATC.
2. LEVEL ASSIGNMENT WILL BE ISSUED BY ATC.

FOR OPERATIONAL REGULATIONS REFER TO AIP ENR 1.5

IF NOT CLEARED FOR A GPS/FMS RNAV ARRIVAL
BY ATC, THE FILED STAR HAS TO BE USED.

KEMPTEN
°108.40 KPT
CH 21 X
N47 44.7 E010 21.0



*OPERATIONAL ALTITUDE
If NLFS (ED-R 150)
IS ACTIVE

RADIO COMMUNICATION FAILURE WHEN BEING VECTORED TO A WAYPOINT
ON TRANSITION WITHOUT SUBSEQUENT CLEARANCE RECEIVED:
SWITCH TRANSPONDER TO 7600 AND RESUME OWN NAVIGATION TO REJOIN
TRANSITION IN THE MOST DIRECT WAY AND PROCEED IN ACCORDANCE
WITH SUBSEQUENT FINAL OF A CONVENTIONAL STANDARD INSTRUMENT
APPROACH PROCEDURE.

IFR PROFILES WITHIN
AIRSPACE CLASS E.
WATCH OUT FOR VFR TRAFFIC
UNKNOWN TO ATC.

REMARKS:

NAVAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6

Friedrichshafen, GERMANY
FRIEDRICHSHAFEN



Eff: 19 JUL 18

EDNY / FDH
RNAV TRANSITIONS RWY 06

Do not use for real life navigation!

Revision: 2018-07-19: Change: tracks, note

TRANS LEVEL: BY ATC
TRANS ALT: 5000'

FRIEDRICHSHAFEN ATIS
129.60

FRIEDRICHSHAFEN Tower
120.07

ZURICH Arrival
135.22

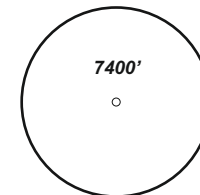
SWISS Radar
128.05

REMARKS

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2. LEVEL ASSIGNMENT WILL BE ISSUED BY ATC.

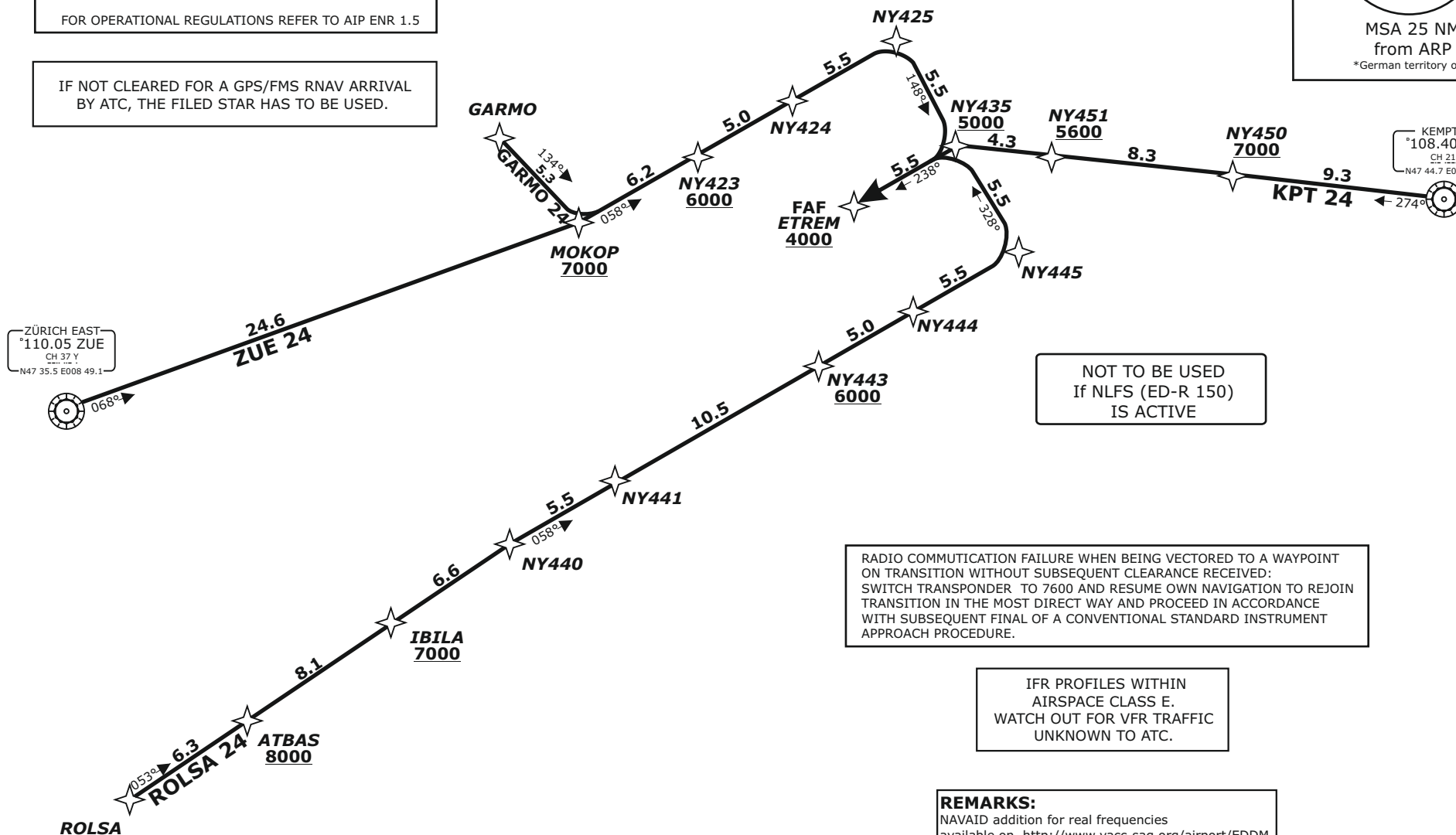
FOR OPERATIONAL REGULATIONS REFER TO AIP ENR 1.5

IF NOT CLEARED FOR A GPS/FMS RNAV ARRIVAL
BY ATC, THE FILED STAR HAS TO BE USED.



MSA 25 NM
from ARP
*German territory only

KEMPTEN
°108.40 KPT
CH 21 X
N47 44.7 E010 21.0



NOT TO BE USED
If NLFS (ED-R 150)
IS ACTIVE

RADIO COMMUNICATION FAILURE WHEN BEING VECTORED TO A WAYPOINT
ON TRANSITION WITHOUT SUBSEQUENT CLEARANCE RECEIVED:
SWITCH TRANSPONDER TO 7600 AND RESUME OWN NAVIGATION TO REJOIN
TRANSITION IN THE MOST DIRECT WAY AND PROCEED IN ACCORDANCE
WITH SUBSEQUENT FINAL OF A CONVENTIONAL STANDARD INSTRUMENT
APPROACH PROCEDURE.

IFR PROFILES WITHIN
AIRSPACE CLASS E.
WATCH OUT FOR VFR TRAFFIC
UNKNOWN TO ATC.

REMARKS:

NAVAID addition for real frequencies
available on <http://www.vacc-sag.org/airport/EDDM>
if not installed use old frequencies:
MAH - 108.4 / MIQ - 426.5 / KPT - 109.6

Friedrichshafen, GERMANY
FRIEDRICHSHAFEN



Eff: 19 JUL 18

EDNY / FDH
RNAV TRANSITIONS RWY 24