

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

MÜNCHEN
(SOUTH)
RWY 08R

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
OBAXA 3E	OBAXA THREE ECHO On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on R040 MUN to MUN (Δ). During turn MAX IAS 230 kt. Cross 8.0 DME MUN at FL70 or above. LT, on R209 MUN to OBAXA (Δ). MAX IAS 250 kt until OBAXA. GPS/FMS RNAV: [A1900+] - DM081[A4000+; R] - DM082[K230-; R] - DM086[F070+] - MUN[L] - OBAXA[K250-].	FL 70	München Radar 127.950	1. Only available for non-jet ACFT. 2. PDG 8.3% (505 ft/NM) due to airspace structure. If unable to comply, advise ATC.
OLASO 1E	OLASO ONE ECHO On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on track 140° to ALONU; RT, on track 180° to LAKOL (Δ). During turn MAX IAS 230 kt. RT, on track 254° to OBAXA (Δ), RT, on track 264° to MERSI (Δ), RT, on track 291° to OLASO (Δ). MAX IAS 250 kt until crossing MERSI. GPS/FMS RNAV: [A1900+] - DM081[A4000+; R] - ALONU[K230-; R] - LAKOL[R] - OBAXA[R] - MERSI[K250-; R] - OLASO.			1. Available during following times: a. daily 2230(2130) - 0700(0600), b. FRI 1600(1500) - MON 0700(0600), c. Bavarian HOL. 2. After 5.6 DME DMS BRNAV equipment necessary.
ROTAX 2E	ROTAX TWO ECHO On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on track 111° to DM092, RT, on track 154° to DM467, LT, on track 142° to ROTAX (Δ). MAX IAS 230 kt until crossing 5.6 DME DMS. MAX IAS 250 kt until crossing DM092. GPS/FMS RNAV: [A1900+] - DM080[A4000+; K230-; R] - DM092[K250-; R] - DM467[L] - ROTAX.			After 5.6 DME DMS BRNAV equipment necessary.
TULSI 1E	TULSI ONE ECHO On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on R040 MUN to MUN (Δ). During turn MAX IAS 230 KT. Cross 8.0 DME MUN at FL70 or above. LT, on R180 MUN via MANAL (Δ) to TULSI (Δ). MAX IAS 250 kt until crossing MUN. GPS/FMS RNAV: [A1900+] - DM081[A4000+; R] - DM082[K230-; R] - DM086[F070+] - MUN[K250-; L] - MANAL - TULSI.			1. Not to be filed in FPL. 2. PDG 8.3% (505 ft/NM) due to airspace structure. If unable to comply, advise ATC.
TURBU 5E	TURBU FIVE ECHO On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on track 140° to ALONU; RT, on track 180° to LAKOL (Δ). During turn MAX IAS 230 kt. RT, on track 193° to TURBU (Δ). MAX IAS 250 kt until crossing LAKOL. GPS/FMS RNAV: [A1900+] - DM081[A4000+; R] - ALONU[K230-; R] - LAKOL[K250-; R] - TURBU.			1. Only available for jet ACFT. Non-jet ACFT shall file SID OBAXA or ROTAX. 2. After 5.6 DME DMS BRNAV equipment necessary.
VAVOR 2E	VAVOR TWO ECHO On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on track 140° to ALONU; RT, on track 180° to EBEVO (Δ), During turn MAX IAS 230 kt. LT, on track 154° to VAVOR (Δ). MAX IAS 250 kt until crossing VAVOR. GPS/FMS RNAV: [A1900+] - DM081[A4000+; R] - ALONU[K230-; R] - EBEVO[L] - VAVOR[K250-].			1. Only available for jet ACFT. Non-jet ACFT shall file SID OBAXA or ROTAX. 2. After 5.6 DME DMS BRNAV equipment necessary.

Notes: 1. Attention departing aircraft: Simultaneous parallel departures in progress. Pilots have to proceed exactly on extended centreline until starting turns as published in departure routes and shall remain on TWR frequency until further advised.
2. RWY 08R is to be used especially for departures to SW, S, SE and E.

Contact München Radar when advised by Tower!