

MÜNCHEN  
(SOUTH)  
RWY 08R

STANDARD DEPARTURE  
ROUTES – INSTRUMENT  
(SID)

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
<b>BIBAG 1E</b>	<b>BIBAG ONE ECHO</b> On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on track 111° to RATGI (Δ), LT, on track 057° to BIBAG (Δ). MAX IAS 230 kt until crossing 5.6 DME DMS. MAX IAS 250 kt until crossing RATGI. <b>GPS/FMS RNAV:</b> [A1900+] - DM080[A4000+; K230-; R] - RATGI[K250-; L] - BIBAG.	FL 70	München Radar 127.950	1. Not available for flights intending to proceed via (U)L605, Q104 and Q118. 2. After 5.6 DME DMS BRNAV equipment necessary.
<b>ALG 1E</b>	<b>ALGOI ONE ECHO</b> 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 270° to ALG (Δ). MAX IAS 250 kt until crossing MERSI. <b>GPS/FMS RNAV:</b> [A1900+] - DM081[A4000+; R] - ALONU[K230-; R] - LAKOL[R] - OBAXA[R] - MERSI[K250-; R] - ALG.			1. Jet aircraft only. 2. Available for DEST EDJA at or below FL 90. 3. Mandatory for traffic proceeding via MILKA at or above RFL245 during following times: a. daily 2230(2130) - 0700(0600), b. FRI 1600(1500) - MON 0700(0600), c. HOL. Outside these times file SID MERSI - Y110. 4. After 5.6 DME DMS BRNAV equipment necessary.
<b>KPT 2E</b>	<b>KEMPTEN TWO ECHO</b> 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), LT, on track 241° to KPT (Δ). MAX IAS 250 kt until crossing MERSI. <b>GPS/FMS RNAV:</b> [A1900+] - DM081[A4000+; R] - ALONU[K230-; R] - LAKOL[R] - OBAXA[R] - MERSI[K250-; L] - KPT.			1. Mandatory for jet aircraft DEST EDNY, LSZH, LIM*. 2. Not available for traffic via KPT - Y740/ Z999 except for DEST LIM*. 3. After 5.6 DME DMS BRNAV equipment necessary.
<b>KIRDI 1E</b>	<b>KIRDI ONE ECHO</b> On RWY track to 1900, via LO MSW to 5.6 DME DMS or 4000, whichever is later, RT, on track 111° to RATGI (Δ), LT, on track 089° to MEBEK (Δ), RT, on track 096° to KIRDI (Δ). MAX IAS 230 kt until crossing 5.6 DME DMS. MAX IAS 250 kt until crossing RATGI. <b>GPS/FMS RNAV:</b> [A1900+] - DM080[A4000+; K230-; R] - RATGI[K250-; L] - MEBEK[R] - KIRDI.			1. Not available for flights via BIBAG. 2. After 5.6 DME DMS BRNAV equipment necessary.
<b>KPT 1P</b>	<b>KEMPTEN ONE PAPA</b> 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 10.5 DME MUN, RT, on track 264° to MERSI (Δ), LT, on track 241° to KPT (Δ). MAX IAS 250 kt until crossing MERSI. <b>GPS/FMS RNAV:</b> [A1900+] - DM081[A4000+; R] - DM082[K230-; R] - DM086[F070+] - MUN[L] - OBAXA[R] - MERSI[K250-; L] - KPT.			1. Only available for non-jet ACFT. 2. Not available for traffic via KPT - Y740/ Z999 except for DEST LIM*. 3. PDG 8.3% (505 ft/NM) due to airspace structure. If unable to comply, advise ATC. 4. After 10.5 DME MUN BRNAV equipment necessary.
<b>MERSI 2E</b>	<b>MERSI TWO ECHO</b> 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). MAX IAS 250 kt until crossing MERSI. <b>GPS/FMS RNAV:</b> [A1900+] - DM081[A4000+; R] - ALONU[K230-; R] - LAKOL[R] - OBAXA[R] - MERSI[K250-].			1. Jet aircraft only. 2. Not available for DEST LSZH and LIM*. These flights shall file SID KPT. 3. Not available for traffic proceeding via MILKA at or above RFL245 during the following times: a. daily 2230(2130) - 0700(0600), b. FRI 1600(1500) - MON 0700(0600), c. HOL. During these times file SID ALG. 4. During activation of ED-R 207/307 expect re-routing by ATC. 5. 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!