STANDARD DEPARTURE ROUTES – INSTRUMENT (SID) MÜNCHEN

(SOUTH)

Designator	Route	After Take-Off		Demerica
		Climb to	Contact	– Remarks
1	2	3	4	5
KIRDI 1S	$\label{eq:starsest} \begin{array}{l} \textbf{KIRDI ONE SIERRA} \\ On RWY track to 1.6 DME DMS or 1900, whichever is later, LT, on track 179° to intercept R324 MUN, on R324 MUN to MUN (\bigtriangleup). Complete LT within 4.5 DME DMS. LT, on R082 MUN to MEBEK (\bigtriangleup), RT, on track 096° to KIRDI (\bigtriangleup). Climb with 6.8% (415 ft/NM) or more until passing 4200. MAX IAS 210 kt until established on R324 MUN, MAX IAS 250 kt until crossing MEBEK.GPS/FMS RNAV: [A1900+] - DM049[L] - DM050[K210-; L] - MUN[L] - MEBEK[K250-; R] - KIRDI. \\ $	FL 70	München Radar 127.950	 PDG due to High Intensity Radio Transmission Area (HIRTA). If unable to comply with speed and turn restrictions, request KIRDI 1W. After MEBEK BRNAV equipment necessary. Not available for flights via BIBAG.
KIRDI 1W	KIRDI ONE WHISKEY On RWY track to 1900, on track 262° via LO MSE to 14.0 DME DMS, LT, on R282 MUN to MUN (\triangle), LT, on R082 MUN to MEBEK (\triangle), RT, on track 096° to KIRDI (\triangle). MAX IAS 220 kt until crossing LO MSE. MAX IAS 250 kt until established on R282 MUN. GPS/FMS RNAV: [A1900+] - MSE[K220-] - <u>DM058[L]</u> - DM059[K250-] - MUN[L] - MEBEK[R] - KIRDI.			 After MEBEK BRNAV equipment necessary. Not available for flights via BIBAG.
MERSI 3S	MERSI THREE SIERRA On RWY track to 1900, on track 262° via LO MSE to 18.3 DME DMS, LT, on track 201° to AMPEG (△), RT, on track 209° to MERSI (△). Cross 18.3 DME DMS at FL70 or above. MAX IAS 220 kt until crossing LO MSE. MAX IAS 250 kt until crossing 18.3 DME DMS. GPS/FMS RNAV: [A1900+] - MSE[K220-] - DM053[F070+; K250-; L] - AMPEG[R] - MERSI.			 Jet aircraft only. Not available for DEST LSZH and LIM*. These flights shall file SID KPT. 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. During activation of ED-R 207/307 expect re-routing by ATC. After 18.3 DME DMS BRNAV equipment necessary. PDG 5.2% (320 ft/NM) or more due to airspace structure. If unable to comply, advise ATC.
OBAXA 4S	OBAXA FOUR SIERRA On RWY track to 1.6 DME DMS or 1900, whichever is later, LT, on track 179° to intercept track 169° MNE, on track 169° MNE to intercept R209 MUN to OBAXA (△). Complete departure turn within 4.5 DME DMS. Climb with 6.8% (415 ft/NM) or more until passing 4200. Departure turn limited to 210 kt IAS. MAX IAS 250 kt until OBAXA. GPS/FMS RNAV: [A1900+] - DM049[K210-; L] - DM068[L] - DM069[R] - OBAXA[K250-].			 Only available for non-jet ACFT. PDG due to High Intensity Radio Transmission Area (HIRTA).
OLASO 1S	OLASO ONE SIERRA On RWY track to 1900, on track 262° via LO MSE to 18.3 DME DMS, LT, on track 261° to OLASO (△). Cross 18.3 DME DMS at FL70 or above. MAX IAS 220 kt until crossing LO MSE. MAX IAS 250 kt until crossing 18.3 DME DMS. GPS/FMS RNAV: [A1900+] - MSE[K220-] - DM053[F070+; K250-; L] - OLASO.			 Available during following times: a. daily 2230(2130) - 0700(0600), b. FRI 1600(1500) - MON 0700(0600), c. Bavarian HOL. After 18.3 DME DMS BRNAV equipment necessary. PDG 5.2% (320 ft/NM) or more due to airspace structure. If unable to comply, advise ATC.
ROTAX 1S	ROTAX ONE SIERRA On RWY track to 1.6 DME DMS or 1900, whichever is later, LT, on track 179° to intercept R324 MUN, on R324 MUN to MUN (△). Complete LT within 4.5 DME DMS. LT, on R127 MUN to 9.2 DME MUN, LT, on track 108° to ROTAX (△). Climb with 6.8% (415 ft/NM) or more until passing 4200. MAX IAS 210 kt until established on R324 MUN, MAX IAS 250 kt until crossing MUN. GPS/FMS RNAV: [A1900+] - DM049[L] - DM050[K210-; L] - MUN[K250-; L] - LAKOL[L] - ROTAX.			 PDG due to High Intensity Radio Transmission Area (HIRTA). After 9.2 DME MUN BRNAV equipment necessary: If unable to comply with speed and turn restrictions, request ROTAX 1W.
ROTAX 1W	ROTAX ONE WHISKEY On RWY track to 1900, on track 262° via LO MSE to 14.0 DME DMS, LT, on R282 MUN to MUN (Δ), RT, on R127 MUN to 9.2 DME MUN, LT, on track 108° to ROTAX (Δ). MAX IAS 220 kt until crossing LO MSE. MAX IAS 250 kt until established on R282 MUN. GPS/FMS RNAV: [A1900+] - MSE[K220-] - DM058[L] - DM059[K250-] - MUN[R] - LAKOL[L] - ROTAX.			After 9.2 DME MUN 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 26L is to be used especially for departures to SW, S, SE, E and NW.

(Sample: DM058 fly-over way point)

Contact München Radar when advised by Tower!