

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

FRANKFURT MAIN
RWY 18

SIDs with Route Designator **ROMEO & SIERRA**

1. SIDs via **BIBTI, MARUN and TOBAK** with designator **SIERRA** will be assigned by **ATC only**.
2. **NON-RNAV (enroute only)** equipped aircraft shall use NON-RNAV SIDs with designator **CHARLIE** and **QUEBEC** respectively.
3. SIDs with designator **ROMEO** only available between **22:00 (21:00) and 04:00 (03:00)**

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
BIBTI 4S	BIBTI FOUR SIERRA On RWY track to 800; RT, on R223 FFM to 14.0 DME FFM; RT, on R301 RID to 16.0 DME RID; RT, on track 318° to MASIR; RT, on track 335° via RAVKI to DITAM; LT, on track 326° via OBOKA to BIBTI (Δ). Cross 10.0 DME FFM MAX 220 KIAS. GPS/FMS RNAV: [A800+] - DF197[R] - DF156[K220-] - DF164[R] - KUPIP[R] - MASIR[R] - RAVKI - DITAM[L] - OBOKA - BIBTI.	4000 ft	Langen Radar 120.150*	1. Flights via BIBTI and UZ28/UZ29 to UK or beyond, except for flights terminating within LONDON TMA. 2. Flights via UZ29 have to cross BIBTI at FL 250 or above. If unable to comply, request routing via UZ28 crossing BIBTI at FL 210 or above. 3. Also for flights destination EDDK or continuing VFR after OBOKA / BIBTI. Traffic with DEST EDDK shall file SID BIBTI - OBOKA - DCT In case of radio communication failure, flights with DEST EDDK shall proceed OBOKA - COL or OBOKA - WYP depending on RWY in use. 4. Will only be assigned when Landing Direction is 25. 5. After 16.0 DME RID BRNAV equipment necessary.
DKB 7S	DINKELSBÜHL SEVEN SIERRA On RWY track to 800 or 12.0 DME RID, whichever is later; LT (MAX IAS 220 KT until established on track 118°), on track 118° to AMTIX (Δ); LT, on track 102° to AKONI (Δ); RT, on track 130° to DKB (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220-; L] - DF159[A2500+] - AMTIX[L] - AKONI[R] - DKB.		Langen Radar 136.125*	1. PDG 9.3% / 570ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up and expect routing via SID DKB L. 2. After crossing R200 FFM BRNAV equipment necessary. 3. Only for flights terminating within EDMM FIR.
MARUN 4S	MARUN FOUR SIERRA On RWY track to 800; RT, on R223 FFM to 14.0 DME FFM; RT, on R301 RID to 16.0 DME RID; RT, on track 023° to TABUM; LT, on track 018° to LIKSI; LT, on track 016° via LORPA to MARUN (Δ). Cross 10.0 DME FFM MAX 220 KIAS. GPS/FMS RNAV: [A800+] - DF197[R] - DF156[K220-] - DF164[R] - KUPIP[R] - TABUM[L] - LIKSI[L] - LORPA - MARUN.		Langen Radar 120.150*	1. After 16.0 DME RID BRNAV equipment necessary. 2. Will only be assigned when Landing Direction is 25.
NOMBO 7S	NOMBO SEVEN SIERRA On RWY track to 800 or 12.0 DME RID, whichever is later; LT (MAX IAS 220 KT until established on track 118°), on track 118° to AMTIX (Δ); LT, on track 102° to AKONI (Δ); RT, on track 130° to HAREM (Δ); RT, on track 148° to LAMPU (Δ); LT, on track 134° via GEBNO to NOMBO (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220-; L] - DF159[A2500+] - AMTIX[L] - AKONI[R] - HAREM[R] - LAMPU[L] - GEBNO - NOMBO.		Langen Radar 136.125*	1. PDG 9.3% / 570 ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up and expect routing via SID NOMBO L. 2. After crossing R200 FFM BRNAV equipment necessary. 3. Not for flights terminating within EDDN Area or EDMM FIR. 4. Not for propeller-driven aircraft. These flights shall file SID RATIM.
RATIM 4S	RATIM FOUR SIERRA On RWY track to 800 or 12.0 DME RID, whichever is later; LT (MAX IAS 220 KT until established on track 118°), on track 118° to AMTIX (Δ); LT, on track 102° via AKONI (Δ) to RATIM (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220-; L] - DF159[A2500+] - AMTIX[L] - AKONI - RATIM.			1. PDG 9.3% / 570ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up and expect ALTN Routing by ATC. 2. After crossing R200 FFM BRNAV equipment necessary. 3. Only for propeller-driven aircraft (MAX RFL 230) instead of SID NOMBO. 4. Not for flights terminating within EDDN Area or EDMM FIR.
ROTEN 6S	ROTEN SIX SIERRA On RWY track to 800 or 12.0 DME RID, whichever is later; LT (MAX IAS 220 KT until established on track 118°), on track 118° to AMTIX (Δ); LT, on track 102° to AKONI (Δ); RT, on track 130° to ROTEN (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220-; L] - DF159[A2500+] - AMTIX[L] - AKONI[R] - ROTEN.			1. PDG 9.3% / 570 ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up and expect routing via SID ROTEN L. 2. After crossing R200 FFM BRNAV equipment necessary. 3. Only for flights terminating within EDDN Area.

* Departure frequency may deviate from the frequency published.
Check ATIS for current departure frequency.

Contact LANGEN RADAR when advised by Tower!