

FRANKFURT MAIN
RWY 18
SIDs with Route Designator **ROMEO & SIERRA**

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

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
SULUS 7S	SULUS 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° via AKONI (Δ) to GIBSA (Δ); LT, on track 073° to WUR (Δ); LT, on track 053° to SULUS (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220;-] - DF159[A2500+] - AMTIX[L] - AKONI - GIBSA[L] - WUR[L] - SULUS.	4000 ft	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 SULUS L. 2. After crossing R200 FFM BRNAV equipment necessary. 3. Not for flights destination EDDN.
TOBAK 6S	TOBAK SIX 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; RT, on track 040° to TESGA; LT, on track 038° to TOBAK (Δ). Cross 10.0 DME FFM MAX 220 KIAS. GPS/FMS RNAV: [A800+] - DF197[R] - DF156 [K220;-] - DF164[R] - KUPIP[R] - TABUM[R] - TESGA[L] - TOBAK.		Langen Radar 120.150*	1. After 16.0 DME RID BRNAV equipment necessary. 2. Will only be assigned when Landing Direction is 25. 3. Not for flights continuing via Z10.
ULKIG 1S	ULKIG ONE SIERRA On RWY track to 800; RT, on R223 FFM to 20.6 DME FFM; RT, on track 283° via DONAB and SOBRA to ULKIG(Δ). Cross 10.0 DME FFM MAX 220 KIAS. GPS/FMS RNAV: [A800+] - DF197[R] - DF156 [K220;-] - DF201[R] - DONAB - SOBRA - ULKIG.			1. By ATC only. 2. For flights intending to proceed at FL 250 or above via Y180/Y181. Flights have to be able to cross RUDOT at FL 240 or above. If unable to comply, flight plan shall read RUDOT FL 220 - Y180 - DIK RFL. 3. After 20.6 DME FFM BRNAV equipment necessary.
BIBTI 2R	BIBTI TWO ROMEO 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°. When crossing R200 FFM, LT on track 088° to TUKRU; LT on track 012° to MTR (Δ); LT, on track 287° via ODAGA to KUSOM; LT, on track 251° to GUBAX; RT, on track 293° to RAVKI; RT, on track 335° to DITAM; LT, on track 326° via OBOKA to BIBTI (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220;-] - DF159[A2500+] - DF168[L] - TUKRU[L] - MTR[L] - ODAGA - KUSOM[L] - GUBAX[R] - RAVKI[R] - DITAM[L] - OBOKA - BIBTI.			1. PDG 9.3% / 570ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up. 2. After R200 FFM BRNAV equipment necessary. 3. Flights via BIBTI and UZ28/UZ29 to UK or beyond, except for flights terminating within LONDON TMA. 4. 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. 5. Also for flights destination EDDK or continuing VFR after OBOKA / BIBTI. In case of radio communication failure, flights with DEST EDDK shall proceed BIBTI - COL or BIBTI - WYP depending on RWY in use.
MARUN 2R	MARUN TWO ROMEO 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°. When crossing R200 FFM, LT on track 088° to TUKRU; LT on track 012° to MTR(Δ); LT, on track 351° to TOBAK; LT, on track 342° via APROX to MARUN (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220;-] - DF159[A2500+] - DF168[L] - TUKRU[L] - MTR[L] - TOBAK[L] - APROX - MARUN.			1. PDG 9.3% / 570ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up. 2. After R200 FFM BRNAV equipment necessary.
TOBAK 2R	TOBAK TWO ROMEO 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°. When crossing R200 FFM, LT on track 088° to TUKRU; LT on track 012° to MTR(Δ); LT, on track 351° to TOBAK (Δ). Cross R200 FFM at 2500 or above. GPS/FMS RNAV: [A800+] - DF158[K220;-] - DF159[A2500+] - DF168[L] - TUKRU[L] - MTR[L] - TOBAK.			1. PDG 9.3% / 570ft/NM until passing 2500 due to airspace structure. If unable to comply, advise EDDF DELIVERY prior to start-up. 2. After R200 FFM BRNAV equipment necessary. 3. Not for flights continuing via Z10.

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

Contact LANGEN RADAR when advised by Tower!