

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

FRANKFURT MAIN
RWY 07C / 07R
SIDs with Route Designator **DELTA**

1. **Between 0600 (0500) and 2100 (2000):**
 - 1.1 SIDs with designator **ECHO** may be used by all **MEDIUM** and **LIGHT** aircraft **able to comply** with the climb restrictions;
 - 1.2 SIDs with designator **DELTA** shall be used by:
 - all **HEAVY** and **SUPER** aircraft and
 - all aircraft **unable to comply** with the climb restrictions in SIDs with designator **ECHO**.
2. **Between 2100 (2000) and 0600 (0500) ALL AIRCRAFT** shall use SIDs with designator **DELTA**.
3. **NON-RNAV (enroute only)** equipped aircraft shall use SIDs with designator **CHARLIE**.

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
ANEKI 9D	ANEKI NINE DELTA On RWY track to 800; via FR to 6.0 DME FRD (3.0 DME outbound FFM) (MAX IAS 220 KT until established on R192 MTR); RT, on R192 MTR to 15.0 DME FFM/R074 RID; RT, on R193 MTR to ANEKI (Δ). Cross 19.0 DME FFM at 5000 or above. Cross 26.0 DME FFM at 6000 or above. GPS/FMS RNAV: [A800+] - DF152[R] - DF150[K220;- L] - DF157[R] - ANEKI.	4000 ft	Langen Radar 136.125*	
BIBTI 4D	BIBTI FOUR DELTA On RWY track to 800; then direct to FR; at FR (5.0 DME FRD / 2.0 DME out-bound FFM) immediate LT (MAX IAS 220 KT during turn), on R202 MTR inbound MTR to 13.1 DME FFM; LT, on R287 MTR 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). GPS/FMS RNAV: [A800+] - DF149[K220;- L] - MTR[L] - ODAGA - KUSOM[L] - GUBAX[R] - RAVKI[R] - DITAM[L] - OBOKA - BIBTI.	5000 ft	Langen Radar 120.150*	<ol style="list-style-type: none"> 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. After ODAGA BRNAV equipment necessary.
DKB 9D	DINKELSBÜHL NINE DELTA On RWY track to 800; via FR to 6.0 DME FRD (3.0 DME outbound FFM) (MAX IAS 220 KT until established on R192 MTR); RT, on R192 MTR to 10.8 DME FFM; LT, on track 105° to AMTIX (Δ); LT, on track 102° to AKONI (Δ); RT, on track 130° to DKB (Δ). GPS/FMS RNAV: [A800+] - DF152[R] - DF150[K220;- L] - DF153[L] - AMTIX[L] - AKONI[R] - DKB.	4000 ft	Langen Radar 136.125*	<ol style="list-style-type: none"> 1. Only for flights terminating within EDMM FIR. 2. After 10.8 DME FFM BRNAV equipment necessary.
KOMIB 1D	KOMIB ONE DELTA On RWY track to 800; via FR to 6.0 DME FRD (3.0 DME outbound FFM); RT, on track 099°; LT, intercept R087 FFM to 24.0 DME FFM; LT, on track 060° to AGOLO; RT, on track 089° to OKTUM; RT, on track 129° to KOMIB (Δ). GPS/FMS RNAV: [A800+] - DF149[R] - DF151[L] - DF169[L] - AGOLO[R] - OKTUM[R] - KOMIB		Langen Radar 120.150*	<ol style="list-style-type: none"> 1. Only for flights terminating within EDDN Area. 2. After 24.0 DME FFM BRNAV equipment necessary.
MARUN 8D	MARUN EIGHT DELTA On RWY track to 800; then direct to FR; at FR (5.0 DME FRD / 2.0 DME out-bound FFM) immediate LT (MAX IAS 220 KT during turn), on R202 MTR to MTR (Δ); LT, on track 351° to TOBAK; LT, on track 343° via APROX to MARUN (Δ). GPS/FMS RNAV: [A800+] - DF149[K220;-L] - MTR[L] - TOBAK[L] - APROX - MARUN.	5000 ft		After MTR BRNAV equipment necessary.
NOMBO 9D	NOMBO NINE DELTA On RWY track to 800; via FR to 6.0 DME FRD (3.0 DME outbound FFM) (MAX IAS 220 KT until established on R192 MTR); RT, on R192 MTR to 10.8 DME FFM; LT, on track 105° 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). GPS/FMS RNAV: [A800+] - DF152[R] - DF150[K220;- L] - DF153[L] - AMTIX[L] - AKONI[R] - HAREM[R] - LAMPU[L] - GEBNO - NOMBO.	4000 ft	Langen Radar 136.125*	<ol style="list-style-type: none"> 1. After 10.8 DME FFM BRNAV equipment necessary. 2. Not for flights terminating EDDN Area or EDMM FIR. 3. Not for propeller-driven aircraft. These flights shall file SID RATIM.
RATIM 5D	RATIM FIVE DELTA On RWY track to 800; via FR to 6.0 DME FRD (3.0 DME outbound FFM) (MAX IAS 220 KT until established on R192 MTR); RT, on R192 MTR to 10.8 DME FFM; LT, on track 105° to AMTIX (Δ); LT, on track 102° via AKONI (Δ) to RATIM (Δ). GPS/FMS RNAV: [A800+] - DF152[R] - DF150[K220;- L] - DF153[L] - AMTIX[L] - AKONI - RATIM.			<ol style="list-style-type: none"> 1. Only for propeller-driven aircraft (MAX RFL 230) instead of SID NOMBO. 2. After 10.8 DME FFM BRNAV equipment necessary. 3. Not for flights terminating within EDDN Area or EDMM FIR.

(Sample: DF152 fly-over way point)

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

Contact LANGEN RADAR when advised by Tower!