

FRANKFURT MAIN
RNAV RWY 18STANDARD INSTRUMENT DEPARTURE
ROUTES (SID)

Designator			Route		After Take-Off					Procedure remarks		
					Climb to		Contact					
TOBAK 1S			TOBAK ONE SIERRA From RW18 on track 176°, at or above 800 ft. Direct to DF197. To DF156, maximum speed 220 kts. To DF164. To KUPIP. To TABUM. To TESGA. To TOBAK.		4000 ft		LANGEN RADAR 120.155 * Contact Langen Radar when advised by Tower! * Departure frequency may deviate from the frequency published. Check ATIS for current departure frequency.			1. For Operational Runway Use Concept see AD 2 EDDF 5-7-1 and 5-7-2. 2. Will only be assigned by ATC when landing direction is 25. 3. Not for flights continuing via Z10. 4. Do not turn before DER.		
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark	
Common	FA	RW18	N 50 02 03.01 E 008 31 33.35	N	(T179.6) 176	-	-	A800+	-	RNAV 1	-	
Common	DF	DF197	N 49 58 46.72 E 008 31 34.61	N	-	-	-	-	-	RNAV 1	-	
Common	TF	DF156	N 49 56 02.20 E 008 27 27.91	N	(T224.1) 221	3.8	-	-	220-	RNAV 1	-	
Common	TF	DF164	N 49 51 44.07 E 008 21 02.23	N	(T224.0) 221	6.0	-	-	-	RNAV 1	-	
Common	TF	KUPIP	N 49 56 26.82 E 008 09 37.02	N	(T302.6) 299	8.8	-	-	-	RNAV 1	-	
Common	TF	TABUM	N 50 17 27.33 E 008 24 18.21	N	(T024.1) 021	23.1	-	-	-	RNAV 1	-	
Common	TF	TESGA	N 50 26 41.64 E 008 37 07.94	N	(T041.5) 038	12.4	-	-	-	RNAV 1	-	
Common	TF	TOBAK	N 50 34 17.93 E 008 47 08.81	N	(T040.0) 037	9.9	-	-	-	RNAV 1	-	

Designator			Route		After Take-Off					Procedure remarks		
					Climb to		Contact					
TOBAK 8T			TOBAK EIGHT TANGO From RW18 on track 176°, at or above 800 ft. Direct to DF160, maximum speed 220 kts. To DF200. To PIPIX, maximum speed 250 kts. To VETUX, at or above FL90. To RUDUS. To MABOB. To TESGA. To TOBAK.		4000 ft		LANGEN RADAR 136.130 * Contact Langen Radar when advised by Tower! * Departure frequency may deviate from the frequency published. Check ATIS for current departure frequency.			1. For Operational Runway Use Concept see AD 2 EDDF 5-7-1 and 5-7-2. 2. Cross VETUX at FL90 or above. If unable to comply, advise EDDF DELIVERY prior to start-up. 3. Not for flights continuing via Z10. 4. Do not turn before DER.		
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark	
Common	FA	RW18	N 50 02 03.01 E 008 31 33.35	N	(T179.6) 176	-	-	A800+	-	RNAV 1	-	
Common	DF	DF160	N 49 52 25.14 E 008 32 05.82	N	-	-	-	-	220-	RNAV 1	-	
Common	TF	DF200	N 49 43 12.05 E 008 26 54.46	N	(T200.1) 197	9.8	-	-	250-	RNAV 1	-	
Common	TF	PIPIX	N 49 42 25.94 E 008 13 23.62	N	(T265.1) 262	8.8	-	-	250-	RNAV 1	-	
Common	TF	VETUX	N 49 47 04.06 E 007 59 56.83	N	(T298.1) 295	9.9	-	FL90+	-	RNAV 1	-	
Common	TF	RUDUS	N 50 02 51.32 E 008 04 41.77	N	(T011.0) 008	16.1	-	-	-	RNAV 1	-	
Common	TF	MABOB	N 50 17 39.02 E 008 32 33.74	N	(T050.2) 047	23.2	-	-	-	RNAV 1	-	
Common	TF	TESGA	N 50 26 41.64 E 008 37 07.94	N	(T017.9) 014	9.5	-	-	-	RNAV 1	-	
Common	TF	TOBAK	N 50 34 17.93 E 008 47 08.81	N	(T040.0) 037	9.9	-	-	-	RNAV 1	-	

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
ULKIG 4L			ULKIG FOUR LIMA Climb on course 176° to 800, direct to DF160, to DF200, to PIPIX, to GISNO, to ULKIG. Cross DF200 at or above 6000. Max. IAS 220 Kts until DF160. Max. IAS 250 Kts until GISNO.		4000 ft		LANGEN RADAR 136.130 * Contact Langen Radar when advised by Tower! * Departure frequency may deviate from the frequency published. Check ATIS for current departure frequency.		1. 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. 2. For Operational Runway Use Concept see AD 2 EDDF 5-7-1 and 5-7-2. 3. Altitude constraint at DF200 due to glider area, if unable to comply advise EDDF DELIVERY prior start-up.		
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark
Common	CA	-	-	-	(T179.6) 176	-	-	@A800	-	RNAV 1	-
Common	DF	DF160	N 49 52 25.14 E 008 32 05.82	N	-	-	-	-	220-	RNAV 1	-
Common	TF	DF200	N 49 43 12.05 E 008 26 54.46	N	(T200.1) 196	9.8	-	A6000+	-	RNAV 1	-
Common	TF	PIPIX	N 49 42 25.94 E 008 13 23.62	N	(T265.1) 261	8.8	-	-	-	RNAV 1	-
Common	TF	GISNO	N 49 45 55.53 E 007 51 26.46	N	(T283.9) 280	14.7	-	-	250-	RNAV 1	-
Common	TF	ULKIG	N 49 52 11.00 E 007 43 10.00	N	(T319.5) 316	8.2	-	-	-	RNAV 1	-