

FRANKFURT MAIN
RNAV RWY 25L/25CSTANDARD INSTRUMENT DEPARTURE
ROUTES (SID)

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
OBOKA 6N			OBOKA SIX NOVEMBER From RWY 25C on course 246° to DF134; LT, direct to DF162; to DF166; to DF161; on course 299° to KUPIP; to MASIR; to RAVKI; to DITAM; to OBOKA. Cross DF134 at or above 800. Max. IAS 220kts until DF162. From RWY 25L on course 246° to DF135; LT, direct to DF165; to DF166; to DF161; on course 299° to KUPIP; to MASIR; to RAVKI; to DITAM; to OBOKA. Cross DF135 at or above 800. Max. IAS 220kts until DF165.		5000 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. Flights have to be able to cross OBOKA at FL 170 or above except flights to EDDK. If unable to comply, advise EDDF DELIVERY prior to 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
Runway	CF	DF134	N 50 01 43.74 E 008 31 07.58	Y	(T249.6) 246	-	-	A800+	-	RNAV 1	-
Runway	DF	DF162	N 50 00 35.24 E 008 29 46.50	N	-	-	L	-	220-	RNAV 1	-
Runway	TF	DF166	N 49 57 17.64 E 008 29 19.80	N	(T185.0) 182	3.3	-	-	-	RNAV 1	-
Runway	CF	DF135	N 50 01 27.97 E 008 31 16.42	Y	(T249.6) 246	-	-	A800+	-	RNAV 1	-
Runway	DF	DF165	N 50 00 08.58 E 008 29 42.70	N	-	-	L	-	220-	RNAV 1	-
Runway	TF	DF166	N 49 57 17.64 E 008 29 19.80	N	(T184.9) 182	2.9	-	-	-	RNAV 1	-
Common	IF	DF166	N 49 57 17.64 E 008 29 19.80	N	-	-	-	-	-	RNAV 1	-
Common	TF	DF161	N 49 54 28.90 E 008 25 07.74	Y	(T224.0) 221	3.9	-	-	-	RNAV 1	-
Common	CF	KUPIP	N 49 56 26.82 E 008 09 37.02	N	(T302.6) 299	-	-	-	-	RNAV 1	-
Common	TF	MASIR	N 50 15 17.69 E 007 44 16.54	N	(T319.3) 316	24.9	-	-	-	RNAV 1	-
Common	TF	RAVKI	N 50 21 41.99 E 007 39 53.65	N	(T336.4) 333	7.0	-	-	-	RNAV 1	-
Common	TF	DITAM	N 50 33 29.20 E 007 31 46.42	N	(T336.3) 333	12.9	-	-	-	RNAV 1	-
Common	TF	OBOKA	N 50 44 41.51 E 007 20 16.97	N	(T327.0) 324	13.4	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
SOBRA 1F			SOBRA ONE FOXTROT From RWY 25C on course 246° to DF134; LT, direct to DF141; to DF163; to DF199; to DF201; to DONAB; to SOBRA. Cross DF134 at or above 800. Cross DF199 at or above 5000. Max. IAS 220kts until DF163. From RWY 25L on course 246° to DF135; LT, direct to DF142; to DF163; to DF199; to DF201; to DONAB; to SOBRA. Cross DF135 at or above 800. Cross DF199 at or above 5000. Max. IAS 220kts until DF163.		5000 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. Altitude constraint at DF134/ DF135 due to operational requirements. 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. For Operational Runway Use Concept see AD 2 EDDF 5-7-1 and 5-7-2. 4. Altitude constraint at DF199 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
Runway	CF	DF134	N 50 01 43.74 E 008 31 07.58	Y	(T249.6) 246	-	-	A800+	-	RNAV 1	-
Runway	DF	DF141	N 50 01 04.48 E 008 30 07.43	N	-	-	L	-	-	RNAV 1	-
Runway	TF	DF163	N 49 55 55.41 E 008 27 16.79	N	(T199.6) 196	5.5	-	-	220-	RNAV 1	-
Runway	CF	DF135	N 50 01 27.97 E 008 31 16.42	Y	(T249.6) 246	-	-	A800+	-	RNAV 1	-
Runway	DF	DF142	N 50 00 30.73 E 008 29 48.78	N	-	-	L	-	-	RNAV 1	-
Runway	TF	DF163	N 49 55 55.41 E 008 27 16.79	N	(T199.6) 196	4.9	-	-	220-	RNAV 1	-
Common	IF	DF163	N 49 55 55.41 E 008 27 16.79	N	-	-	-	-	-	RNAV 1	-
Common	TF	DF199	N 49 51 41.50 E 008 20 57.93	N	(T224.0) 220	5.9	-	A5000+	-	RNAV 1	-
Common	TF	DF201	N 49 47 15.18 E 008 14 22.30	N	(T223.9) 220	6.2	-	-	-	RNAV 1	-
Common	TF	DONAB	N 49 49 15.89 E 008 01 44.83	N	(T283.9) 280	8.4	-	-	-	RNAV 1	-
Common	TF	SOBRA	N 49 51 39.00 E 007 46 32.00	N	(T283.7) 280	10.1	-	-	-	RNAV 1	-