

FRANKFURT MAIN
RNAV (GPS, DME/DME/IRU) RWY 25L/25C

STANDARD INSTRUMENT DEPARTURE
ROUTES (SID)

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
MARUN 7F			MARUN SEVEN FOXTROT From Rwy 25C on course 246° to DF234, to DF233, to DF132, to TABUM, to LIKSI, to LORPA, to MARUN. Cross DF234 at or above 800. Cross DF233 at or above 3500. Max. IAS 200 Kts until DF234. Max. IAS 220 Kts until DF233. Max. IAS 250 Kts until DF132. From Rwy 25L on course 246° to DF235, to DF233, to DF132, to TABUM, to LIKSI, to LORPA, to MARUN. Cross DF235 at or above 800. Cross DF233 at or above 3500. Max. IAS 200 Kts until DF235. Max. IAS 220 Kts until DF233. Max. IAS 250 Kts until DF132.		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. Altitude constraints due to operational requirements. If unable to comply, advise EDDF DELIVERY prior to start-up. 2. For Operational Runway Use Concept see AD2 EDDF 5-7-1 and 5-7-2.		
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	DF234	N 50 01 35.45 E 008 30 35.37	N	(T249.1) 246	-	-	A800+	200-	RNAV 1	-
Runway	TF	DF233	N 50 01 59.94 E 008 25 16.70	N	(T276.8) 273	3.4	-	A3500+	220-	RNAV 1	-
Runway	CF	DF235	N 50 01 21.77 E 008 30 51.74	N	(T249.3) 246	-	-	A800+	200-	RNAV 1	-
Runway	TF	DF233	N 50 01 59.94 E 008 25 16.70	N	(T280.1) 277	3.7	-	A3500+	220-	RNAV 1	-
Common	IF	DF233	N 50 01 59.94 E 008 25 16.70	N	-	-	-	A3500+	-	RNAV 1	-
Common	TF	DF132	N 50 06 59.33 E 008 19 21.15	N	(T322.6) 319	6.3	-	-	250-	RNAV 1	-
Common	TF	TABUM	N 50 17 27.33 E 008 24 18.21	N	(T016.9) 013	10.9	-	-	-	RNAV 1	-
Common	TF	LIKSI	N 50 28 23.50 E 008 30 16.44	N	(T019.2) 016	11.6	-	-	-	RNAV 1	-
Common	TF	LORPA	N 50 43 32.42 E 008 37 32.69	N	(T016.9) 014	15.9	-	-	-	RNAV 1	-
Common	TF	MARUN	N 50 49 16.20 E 008 40 18.99	N	(T017.0) 014	6.0	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
MARUN 2G			MARUN TWO GOLF From Rwy25C on course 246° to DF234, to DF133, to DF131, to DF238, to TABUM, to LIKSI, to LORPA, to MARUN. Cross DF234 at or above 800. MAX IAS 200 Kts until DF234. MAX IAS 220 Kts until DF133. MAX IAS 250 Kts until DF238. From Rwy25L on course 246° to DF235, to DF133, to DF131, to DF238, to TABUM, to LIKSI, to LORPA, to MARUN. Cross DF235 at or above 800. MAX IAS 200 Kts until DF235. MAX IAS 220 Kts until DF133. MAX IAS 250 Kts until DF238.		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 AD2 EDDF 5-7-1 and 5-7-2. 2. Altitude constraints due to operational requirements. 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	DF234	N 50 01 35.45 E 008 30 35.37	N	(T249.1) 246	-	-	A800+	200-	RNAV 1	-
Runway	TF	DF133	N 50 01 50.16 E 008 26 48.51	N	(T275.8) 272	2.5	-	-	220-	RNAV 1	-
Runway	CF	DF235	N 50 01 21.77 E 008 30 51.74	N	(T249.3) 246	-	-	A800+	200-	RNAV 1	-
Runway	TF	DF133	N 50 01 50.16 E 008 26 48.51	N	(T280.3) 277	2.7	-	-	220-	RNAV 1	-
Common	IF	DF133	N 50 01 50.16 E 008 26 48.51	N	-	-	-	-	-	RNAV 1	-
Common	TF	DF131	N 50 01 11.52 E 008 21 24.14	N	(T259.6) 256	3.5	-	-	-	RNAV 1	-
Common	TF	DF238	N 50 07 42.53 E 008 15 55.85	N	(T331.7) 328	7.4	-	-	250-	RNAV 1	-
Common	TF	TABUM	N 50 17 27.33 E 008 24 18.21	N	(T028.8) 025	11.1	-	-	-	RNAV 1	-
Common	TF	LIKSI	N 50 28 23.50 E 008 30 16.44	N	(T019.2) 016	11.6	-	-	-	RNAV 1	-
Common	TF	LORPA	N 50 43 32.42 E 008 37 32.69	N	(T016.9) 014	15.9	-	-	-	RNAV 1	-
Common	TF	MARUN	N 50 49 16.20 E 008 40 18.99	N	(T017.0) 014	6.0	-	-	-	RNAV 1	-