

FRANKFURT MAIN
RWY 18
LIMA

STANDARD DEPARTURE
ROUTES - INSTRUMENT (SID)
RNAV (GPS, DME/DME/IRU)

Designator	Route			After Take-Off				Remarks Text Page	
				Climb to		Contact			
SOBRA 2L	SOBRA TWO LIMA Climb on heading 176°, at or above 800. Direct to DF160, at or above 2840, maximum speed 220 kts. To DF198, at or above 4580. To DF201 at or above FL090. To DONAB. To SOBRA.			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. If unable to pass DF201 at or above FL090, advise EDDF DELIVERY prior to start-up and expect routing via SID ULKIG L. 2. For flights intending to proceed at or above FL 250 via Y180/Y181. Flights have to be able to cross RUDOT at or above FL 240. 3. If unable to comply, flight plan shall read RUDOT FL 220 - Y180 - DIK RFL. 4. Do not turn before DER.	
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
VA	-	-	-	(T179.6) 176	-	-	A800+	-	RNAV-1 DME/DME WITHOUT IRU NOT AUTHORIZED
DF	DF160	N 49 52 25.15 E 008 32 05.82	-	-	-	-	A2840+	220-	
TF	DF198	N 49 45 03.68 E 008 27 57.13	-	(T200.1) 197	7.8	-	A4580+	-	
TF	DF201	N 49 47 15.18 E 008 14 22.30	-	(T284.1) 281	9.1	-	FL090+	-	
TF	DONAB	N 49 49 15.89 E 008 01 44.83	-	(T283.9) 281	8.4	-	-	-	
TF	SOBRA	N 49 51 39.00 E 007 46 32.00	-	(T283.7) 280	10.1	-	-	-	