

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

HAMBURG
RWY 15

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
AMLUH 9D	AMLUH NINE DELTA Climb on course 150° to 500 ft. Direct DH222, to AMLUH. Pass DH222 at or above 2800 ft.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 5.6 % (340 ft/NM) until crossing DH222 due to High Intensity Radio Transmission Area (HIRTA). Additional conventional first segment description: Climb straight ahead 1000 ft, direct DH222.		
Recommended 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	Remarks
CA	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH222	N 53 29 33.83 E 010 06 46.81	-	-	-	-	A2800+	-	RNAV-1	-
TF	AMLUH	N 53 25 44.35 E 010 19 21.03	-	(116.9) 114	8.4	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
BASUM 5D	BASUM FIVE DELTA Climb on course 150° to 500 ft. Direct DH202, RT direct DH216, to DH221, to BASUM. Cross DH202 at or above 2000 ft. MAX IAS 210 KT until passing DH216.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 7.1% (430 ft/NM) until crossing DH202 due to procedure requirement. Additional conventional first segment description: Climb straight ahead 1000 ft, direct DH202.		
Recommended 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	Remarks
CA	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH202	N 53 33 38.36 E 010 03 19.18	Y	-	-	-	A2000+	-	RNAV-1	-
DF	DH216	N 53 30 33.03 E 010 00 49.62	-	-	-	R	-	210-	RNAV-1	-
TF	DH221	N 53 25 06.36 E 009 21 55.93	-	(257.1) 254	23.9	-	-	-	RNAV-1	-
TF	BASUM	N 52 46 19.16 E 008 47 18.74	-	(208.5) 206	44.1	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
EKERN 1D	EKERN ONE DELTA Climb on course 150° to 500 ft. Direct DH200. Climb on course 150° to 1500 ft. LT direct to HAM, to DH160, to EKERN. Climb with 5.6% (340 ft /NM) until passing 2500 ft.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 5.6 % (340 ft/NM) until passing 2500 due to High Intensity Radio Transmission Area (HIRTA). Additional conventional first segment description: Climb straight ahead to 2.5 DME ALF or 1500 ft, whichever is later. LT direct HAM.		
Recommended 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	Remarks
CA	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH200	N 53 35 51.48 E 010 01 25.84	Y	-	-	-	-	-	RNAV-1	-
CA	-	-	-	(152.8) 150	-	-	A1500+	-	RNAV-1	-
DF	HAM	N 53 41 08.07 E 010 12 17.99	-	-	-	L	-	-	RNAV-1	-
TF	DH160	N 54 02 39.82 E 010 03 26.83	-	(346.4) 344	22.2	-	-	-	RNAV-1	-
TF	EKERN	N 54 30 20.88 E 009 51 49.92	-	(346.3) 344	28.6	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
ELSOB 1D	ELSOB ONE DELTA Climb on course 150° to 500 ft. Direct DH202, RT direct DH216, to DH217, to ELSOB. Cross DH202 at or above 2000 ft. MAX IAS 210 KT until passing DH216.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 7.1% (430 ft/NM) until crossing DH202 due to procedure requirement. Additional conventional first segment description: Climb straight ahead 1000 ft, direct DH202.		
Recommended 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	Remarks
CA	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH202	N 53 33 38.36 E 010 03 19.18	Y	-	-	-	A2000+	-	RNAV-1	-
DF	DH216	N 53 30 33.03 E 010 00 49.62	-	-	-	R	-	210-	RNAV-1	-
TF	DH217	N 53 28 55.96 E 009 49 05.81	-	(257.1) 254	7.2	-	-	-	RNAV-1	-
TF	ELSOB	N 53 39 09.33 E 009 34 46.13	-	(320.3) 318	13.3	-	-	-	RNAV-1	-