

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

HAMBURG
RWY 33

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
AMLUH 9G	AMLUH NINE GOLF Climb on course 330° to 500 ft. Direct DH250, to DH251. RT direct DH252, to HAM, to AMLUH. Pass DH250 at or above 670 ft. MAX IAS 210 KT until passing DH252.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 4.4 % (270 ft/NM) until passing DH250 due to procedure requirement. Additional conventional first segment description: Climb straight ahead to 3.0 DME ALF. RT direct DH251.		
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	-	-	-	(332.8) 330	-	-	A500+	-	RNAV-1	-
DF	DH250	N 53 41 15.54 E 009 56 48.54	-	-	-	-	A670+	-	RNAV-1	-
TF	DH251	N 53 42 49.14 E 009 56 48.84	Y	(000.1) 357	1.6	-	-	-	RNAV-1	-
DF	DH252	N 53 44 35.20 E 010 01 57.98	-	-	-	R	-	210-	RNAV-1	-
TF	HAM	N 53 41 08.07 E 010 12 17.99	-	(119.3) 117	7.0	-	-	-	RNAV-1	-
TF	AMLUH	N 53 25 44.35 E 010 19 21.03	-	(164.7) 162	16.0	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
BASUM 2G	BASUM TWO GOLF Climb on course 330° to 500 ft. On course 330° to DH254, to DH260, to ELSOB, to DH164, to BASUM. Pass DH260 at or above 5000 ft. MAX IAS 210 KT until passing DH254.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 8.5 % (515 ft/NM) until passing DH260 due to glider area. If unable to comply advice ATC upon start-up. Additional conventional first segment description: Climb straight ahead to 4.0 DME ALF. LT direct DH260.		
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	-	-	-	(332.8) 330	-	-	A500+	-	RNAV-1	-
CF	DH254	N 53 43 10.85 E 009 55 09.86	-	(332.8) 330	-	-	-	210-	RNAV-1	-
TF	DH260	N 53 41 18.73 E 009 45 41.89	-	(251.7) 249	5.9	-	A5000+	-	RNAV-1	-
TF	ELSOB	N 53 39 09.33 E 009 34 46.13	-	(251.7) 249	6.8	-	-	-	RNAV-1	-
TF	DH164	N 53 25 48.21 E 009 22 33.94	-	(208.6) 206	15.2	-	-	-	RNAV-1	-
TF	BASUM	N 52 46 19.16 E 008 47 18.74	-	(208.5) 206	44.9	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
EKERN 9G	EKERN NINE GOLF Climb on course 330° to 500 ft. Direct DH250, to DH253, to DH103, to DH160, to EKERN. Pass DH250 at or above 670 ft. MAX IAS 210 KT until passing DH250.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 4.4 % (270 ft/NM) until passing DH250 due to procedure requirement. Additional conventional first segment description: Climb straight ahead to 3.0 DME ALF. RT direct DH253.		
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	-	-	-	(332.8) 330	-	-	A500+	-	RNAV-1	-
DF	DH250	N 53 41 15.54 E 009 56 48.54	-	-	-	-	A670+	210-	RNAV-1	-
TF	DH253	N 53 44 05.78 E 009 56 48.89	-	(000.1) 357	2.8	-	-	-	RNAV-1	-
TF	DH103	N 53 53 38.43 E 010 07 15.56	-	(032.9) 030	11.4	-	-	-	RNAV-1	-
TF	DH160	N 54 02 39.82 E 010 03 26.83	-	(346.0) 343	9.3	-	-	-	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 1G	ELSOB ONE GOLF Climb on course 330° to 500 ft. On course 330° to DH254, to DH260, to ELSOB. Pass DH260 at or above 5000 ft. MAX IAS 210 KT until passing DH254.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 8.5 % (515 ft/NM) until passing DH260 due to glider area. If unable to comply advice ATC upon start-up. Additional conventional first segment description: Climb straight ahead to 4.0 DME ALF. LT direct DH260.		
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	-	-	-	(332.8) 330	-	-	A500+	-	RNAV-1	-
CF	DH254	N 53 43 10.85 E 009 55 09.86	-	(332.8) 330	-	-	-	210-	RNAV-1	-
TF	DH260	N 53 41 18.73 E 009 45 41.89	-	(251.7) 249	5.9	-	A5000+	-	RNAV-1	-
TF	ELSOB	N 53 39 09.33 E 009 34 46.13	-	(251.7) 249	6.8	-	-	-	RNAV-1	-