

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

HAMBURG
RWY 23

Pilots of GPS/FMS-RNAV-equipped aircraft shall, if possible, use the supplementary GPS/FMS RNAV procedures which are described following the text "GPS / FMS RNAV:" and charted in addition on "CHART - INSTRUMENT (OVERLAY)". When using these supplementary GPS/FMS RNAV procedures, the pilot shall check and ensure that the underlying conventional flight procedures are adhered to by monitoring the information of the ground-based navigation aids. The ground-based navigation aids required for the use of the respective conventional flight procedure and the associated aircraft equipment shall remain in operation at all times.

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
EKERN 8B	EKERN EIGHT BRAVO Climb straight ahead via FU to 5.5 DME ALF; RT, on track 038° GT to GT (Δ); on track 031° GT to intercept R344 HAM to EKERN (Δ). GPS/FMS RNAV: [A500+] - <u>DH111</u> [R] - DH102 - GT[L] - DH103[L] - EKERN.	5000 ft	Bremen Radar 136.675	
LUB 1B	LÜBECK ONE BRAVO Climb straight ahead via FU to 5.5 DME ALF; RT, on track 038° GT to GT (Δ); on track 047° GT to intercept R243 LUB to LUB (Δ). GPS/FMS RNAV: [A500+] - <u>DH111</u> [R] - DH102 - GT[R] - DH104[R] - LUB.			
AMLUH 9B	AMLUH NINE BRAVO Climb straight ahead via FU to 5.5 DME ALF; LT, on track 089° to intercept R114 LBV to AMLUH (Δ). GPS/FMS RNAV: [A500+] - <u>DH111</u> [L] - DH108 - DH115[R] - AMLUH.			
RAMAR 3B	RAMAR THREE BRAVO Climb straight ahead via FU to 5.5 DME ALF; RT, on track 038° GT to GT(Δ); on track 047° GT to intercept R243 LUB to 28.2 DME LBV; RT, on track 100° LYE to LYE (Δ); RT, on track 120° LYE to RAMAR(Δ). GPS/FMS RNAV: [A500+] - <u>DH111</u> [R] - DH102 - GT[R] - DH104[R] - DH110[R] - LYE[R] - RAMAR.			
IDEKO 5B	IDEKO FIVE BRAVO Climb straight ahead via FU on track 229° FU to 20.0 DME ALF; LT, on R185 LBV to IDEKO (Δ). GPS/FMS RNAV: [A500+] - DH116[L] - IDEKO.		Bremen Radar 134.250	
BASUM 3B	BASUM THREE BRAVO Climb straight ahead via FU on track 229° FU to intercept R235 HAM; on R235 HAM to 38.1 DME HAM; LT, on R206 LBV to BASUM (Δ). GPS/FMS RNAV: [A500+] - DH105[R] - DH117[L] - BASUM.			
WSN 1B	WESER ONE BRAVO Climb straight ahead via FU to 5.5 DME ALF; RT, on bearing 248° WSN inbound WSN (Δ). GPS/FMS RNAV: [A500+] - DH100[R] - WSN.			
LBV 1B	ELBE ONE BRAVO Climb straight ahead via FU to 5.5 DME ALF; RT, on R118 LBV to LBV (Δ). GPS/FMS RNAV: [A500+] - <u>DH111</u> [R] - LBV.			

(Sample: DH111 fly-over way point)

Remain on TWR frequency until passing 2000, then contact Bremen Radar.