

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

HAMBURG
RWY 33

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 8G	EKERN EIGHT GOLF On track 331° inbound GT to 3.0 DME ALF; RT, on track 358° to 5.6 DME ALF; RT, on track 031° GT to intercept R344 HAM; on R344 HAM to EKERN (Δ). GPS/FMS RNAV: [A500+] - DH250[R] - DH253[R] - DH103[L] - EKERN.	5000 ft	Bremen Radar 136.675	
LUB 9G	LÜBECK NINE GOLF On track 331° inbound GT to 3.0 DME ALF; RT, on track 358° to 5.0 DME ALF; RT, on R242 LUB to LUB (Δ). GPS/FMS RNAV: [A500+] - DH250[R] - DH253[R] - LUB.			
AMLUH 8G	AMLUH EIGHT GOLF On track 331° inbound GT to 3.0 DME ALF; RT, on track 358° to 5.0 DME ALF; RT, on R297 HAM to HAM (Δ); RT, on R162 HAM to AMLUH (Δ). GPS/FMS RNAV: [A500+] - DH250[R] - DH251[R] - DH252 - HAM[R] - AMLUH.			
RAMAR 3G	RAMAR THREE GOLF On track 331° inbound GT to 3.0 DME ALF; RT, on track 358° to 5.0 DME ALF; RT, on R242 LUB to 28.8 DME LBV; RT, on track 101° LYE to LYE (Δ); RT, on track 120° LYE to RAMAR (Δ). GPS/FMS RNAV: [A500+] - DH250[R] - DH253[R] - DH259[R] - LYE[R] - RAMAR.			
IDEKO 4G	IDEKO FOUR GOLF On track 331° inbound GT to 4.0 DME ALF; LT, on R070 LBV to LBV (Δ); LT, on R185 LBV to IDEKO (Δ). GPS/FMS RNAV: [A500+] - DH254[L] - LBV[L] - IDEKO.		Bremen Radar 134.250	
BASUM 1G	BASUM ONE GOLF On track 331° inbound GT to 4.0 DME ALF; LT, on R070 LBV to LBV (Δ); LT, on R206 LBV to BASUM (Δ). GPS/FMS RNAV: [A500+] - DH254[L] - LBV[L] - BASUM.			
WSN 2G	WESER TWO GOLF On track 331° inbound GT to 4.0 DME ALF; LT, on R070 LBV to LBV (Δ); LT, on R232 LBV to WSN (Δ). GPS/FMS RNAV: [A500+] - DH254[L] - LBV[L] - WSN.			
LBV 1G	ELBE ONE GOLF On track 331° inbound GT to 4.0 DME ALF; LT, on R070 LBV to LBV (Δ). GPS/FMS RNAV: [A500+] - DH254[L] - LBV.			

(Sample: DH251 fly-over way point)

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