

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

HAMBURG
RWY 15

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 9D	EKERN NINE DELTA On track 151° GT to 2.5 DME ALF or 1500 ft, whichever is later; LT, on R208 HAM to HAM (Δ); LT, on R344 HAM to EKERN (Δ). GPS/FMS RNAV: [A500+] - <u>DH200</u> [L] - [A1500+; L] - DH201- HAM[L] - EKERN.	5000 ft	Bremen Radar 136.675	
LUB 9D	LÜBECK NINE DELTA On track 151° GT to 2.5 DME ALF or 1500 ft, whichever is later; LT, on R208 HAM to HAM (Δ); RT, on R045 HAM to LUB (Δ). GPS/FMS RNAV: [A500+] - <u>DH200</u> [L] - [A1500+; L] - DH201 - HAM[R] - LUB.			
AMLUH 8D	AMLUH EIGHT DELTA On track 151° GT to 8.2 DME ALF; LT, on R114 LBV to AMLUH (Δ). Cross 8.2 DME ALF at 2800 or above. GPS/FMS RNAV: [A500+] - DH222[A2800+, L] - AMLUH.			
RAMAR 3D	RAMAR THREE DELTA On track 151° GT to 7.1 DME ALF; LT, on R212 LUB until crossing R093 HAM; RT, on track 058° LYE to LYE (Δ); RT, on track 120° LYE to RAMAR (Δ). Cross 7.1 DME ALF at 2300 or above. GPS/FMS RNAV: [A500+] - <u>DH208</u> [A2300+; L] - DH209 - DH212[R] - LYE[R] - RAMAR.			
IDEKO 6D	IDEKO SIX DELTA On track 151° GT to 5.0 DME ALF; RT, on bearing 255° WSN inbound WSN until crossing R175 LBV / 25.9 DME HAM; LT, on R185 LBV to IDEKO (Δ). Cross 5.0 DME ALF at 2000 or above. GPS/FMS RNAV: [A500+] - <u>DH202</u> [A2000+; R] - DH216 - DH220[L] - IDEKO.		Bremen Radar 134.250	Climb with 7.0% / 430 ft per NM or more until passing 2000. PDG due to airspace structure. If unable to comply advise ATC prior to start-up.
BASUM 4D	BASUM FOUR DELTA On track 151° GT to 5.0 DME ALF; RT, on bearing 255° WSN inbound WSN until crossing R202 LBV / 32.7 DME HAM; LT, on R206 LBV to BASUM (Δ). Cross 5.0 DME ALF at 2000 or above. GPS/FMS RNAV: [A500+] - <u>DH202</u> [A2000+; R] - DH216 - DH221[L] - BASUM.			
WSN 1D	WESER ONE DELTA On track 151° GT to 5.0 DME ALF; RT, on bearing 255° WSN inbound WSN (Δ). Cross 5.0 DME ALF at 2000 or above. GPS/FMS RNAV: [A500+] - <u>DH202</u> [A2000+; R] - DH216 - WSN.			
LBV 1D	ELBE ONE DELTA On track 151° GT to 5.0 DME ALF; RT, on bearing 255° WSN inbound WSN until crossing R132 LBV / 17.0 DME HAM; RT, on R138 LBV to LBV (Δ). Cross 5.0 DME ALF at 2000 or above. GPS/FMS RNAV: [A500+] - <u>DH202</u> [A2000+; R] - DH216 - DH217[R] - LBV.			
(Sample: <u>DH200</u> fly-over way point)				
<div>Remain on TWR frequency until passing 2000, then contact Bremen Radar.</div>				