

STANDARD DEPARTURE  
ROUTES – INSTRUMENT  
(SID)

HAMBURG-FINKENWERDER  
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
<b>HAM 1W</b>	<b>HAMBURG ONE WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; LT, on R154 LBV to 15.0 DME LBV; LT, on bearing 083° WSN outbound WSN, when crossing R189 HAM LT, on R178 HAM to HAM (Δ). <b>GPS/FMS RNAV:</b> [A500+] - HI100 - [A1500+; L] - HI115 - HI110[L] - HI111[L] - HAM.	5000 ft	Bremen Radar 136.675	
<b>RAMAR 4W</b>	<b>RAMAR FOUR WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; LT, on R154 LBV to 15.0 DME LBV; LT, on bearing 083° WSN outbound WSN, when crossing R189 HAM LT, on R178 HAM to HAM (Δ); RT, on R066 HAM to LYE (Δ); RT, on bearing 120° LYE outbound LYE to RAMAR (Δ). <b>GPS/FMS RNAV:</b> [A500+] - HI100 - [A1500+; L] - HI115 - HI110[L] - HI111[L] - HAM[R] - LYE[R] - RAMAR.			
<b>IDEKO 5W</b>	<b>IDEKO FIVE WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; RT, on R232 HAM to 28.5 DME HAM; LT, on R185 LBV to IDEKO (Δ). Climb with 7.7% (470ft/NM) or more to cross 25.0 DME HAM at or above 4000. <b>GPS/FMS RNAV:</b> [A500+] - HI103 - [A1500+; R] - HI116[A4000+] - HI113[L] - IDEKO.		Bremen Radar 134.255	PDG 7.7% (470ft/NM) due to MSA.
<b>BASUM 9W</b>	<b>BASUM NINE WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; RT, on R232 HAM to 41.5 DME HAM; LT, on R206 LBV to BASUM (Δ). Climb with 7.7% (470ft/NM) or more to cross 25.0 DME HAM at or above 4000. <b>GPS/FMS RNAV:</b> [A500+] - HI103 - [A1500+; R] - HI116[A4000+] - HI114[L] - BASUM.			
<b>WSN 2W</b>	<b>WESER TWO WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; RT, on bearing 253° WSN inbound WSN (Δ). Climb with 7.7% (470ft/NM) or more to cross 25.0 DME HAM at or above 4000. <b>GPS/FMS RNAV:</b> [A500+] - HI103 - [A1500+; R] - HI108[A4000+] - WSN.			
<b>LBV 1W</b>	<b>ELBE ONE WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; RT, on R160 LBV to LBV (Δ). <b>GPS/FMS RNAV:</b> [A500+] - HI100 - [A1500+; R] - HI112 - LBV.			
<b>AMLUH 8W</b>	<b>AMLUH EIGHT WHISKEY</b> On track 229° to 4.2 DME IHFW or 1500, whichever is later; LT, on R154 LBV to 15.0 DME LBV; LT, on bearing 083° WSN outbound WSN to AMLUH (Δ). <b>GPS/FMS RNAV:</b> [A500+] - HI100 - [A1500+; L] - HI115 - HI110[L] - AMLUH.		Bremen Radar 136.675	

(Sample: HI100 fly-over way point)

Contact Bremen Radar immediately after take-off!