

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

BREMEN
RWY 09

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
SOFED 2M	SOFED TWO MIKE On bearing 086° HIG inbound HIG (R086 BMN) to 3.2 DME BMN (2.5 DME BND); RT, on heading 143° to cross R106 BMN (5.3 DME BND); RT, on track 267° to DW096; RT, on track 291° to ABDIM (△); LT, on track 279° to SOFED (△). Climb with 3.6% (220 ft/NM) or more until passing 900. Climb with 6.2% (375 ft/NM) or more until passing 3000. GPS/FMS RNAV: [A500+] - DW090[R] - DW091 - DW093[R] - DW095 - DW096[R] - ABDIM[L] - SOFED.	4000 ft	Bremen Radar 124.800	1. PDG 3.6% (220 ft/NM) or more until passing 900 due to obstacles. 2. PDG 6.2% (375 ft/NM) or more until passing 3000 due to MVA. 3. After passing 3000 RNAV-5 equipment necessary. 4. SID crossing ED-R 202/ ED-R 302 (TRA). In case of military activities expect rerouting via OKWEL M.
OKWEL 1M	OKWEL ONE MIKE On bearing 086° HIG inbound HIG (R086 BMN) via HIG to 6.1 DME BMN (5.3 DME BND); LT, on heading 005° to intercept bearing 340° WSN inbound WSN; on track 340° to DW102; LT on track 264° to OMEPA; LT, on track 251° to OKWEL (△). GPS/FMS RNAV: [A500+] - DW100[L] - DW101[L] - DW102[L] - OMEPA[L] - OKWEL.			After passing 3000 RNAV-5 equipment necessary.
WSN 1M	WESER ONE MIKE On bearing 086° HIG inbound HIG (R086 BMN) via HIG to 6.1 DME BMN (5.3 DME BND); LT, on heading 005° to intercept bearing 340° WSN inbound WSN (△). GPS/FMS RNAV: [A500+] - DW100[L] - DW101[L] - WSN.			
GESTO 8M	GESTO EIGHT MIKE On bearing 086° HIG inbound HIG (R086 BMN) to HIG (5.4 DME BMN); LT, on bearing 068° HIG outbound HIG to intercept and follow R079 BMN to UDADO (△); on track 079° to GESTO (△). GPS/FMS RNAV: [A500+] - HIG[L] - DW098[R] - UDADO - GESTO.			After UDADO RNAV-5 equipment necessary.
NIE 2M	NIENBURG TWO MIKE On bearing 086° HIG inbound HIG (R086 BMN) to 3.2 DME BMN (2.5 DME BND); RT, track 143° to OGBAT (△) to NIE (△). Climb with 3.6% (220 ft/NM) or more until passing 900. Climb with 6.2% (375 ft/NM) or more until passing 3000. GPS/FMS RNAV: [A500+] - DW090[R] - DW091 - OGBAT - NIE.			1. PDG 3.6% (220 ft/NM) or more until passing 900 due to obstacles. 2. PDG 6.2% (375 ft/NM) or more until passing 3000 due to MVA. 3. After passing 3000 RNAV-5 equipment necessary.
WIMCI 1M	WIMCI ONE MIKE On bearing 086° HIG inbound HIG (R086 BMN) to 3.2 DME BMN (2.5 DME BND); RT, on track 143° to cross R106 BMN (5.3 DME BMN), RT, on track 175° to WIMCI (△). Climb with 3.6% (220 ft/NM) or more until passing 900. Climb with 7.1% (430 ft/NM) or more until passing 3000. GPS/FMS RNAV: [A500+] - DW090[R] - DW091 - DW092[R] - WIMCI.			1. PDG 3.6% (220 ft/NM) or more until passing 900 due to obstacles. 2. PDG 7.1% (430 ft/NM) or more until passing 3000 due to MVA. 3. After passing 3000 RNAV-5 equipment necessary.

(Sample: DW090 fly-over way point)

Contact Bremen Radar immediately after take-off!