

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

HANNOVER
RWY 09R

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	
NIE 7G	NIENBURG SEVEN GOLF Climb straight ahead to 3.1 DME HBD (2.0 DME HAD) or 600 ft, whichever is later; LT, on R115 NIE to NIE (Δ). GPS/FMS RNAV: [A600+] - DV150[L] - DV151[L] - DV152[L] - NIE.	4000 ft	Bremen Radar 119.490		
CEL 9G	CELLE NINE GOLF Climb straight ahead to 8.4 DME HBD (7.2 DME HAD); LT, on track 023° CEL to CEL (Δ). GPS/FMS RNAV: [A600+] - DV154[L] - CEL.				
MULDO 6G	MULDO SIX GOLF Climb straight ahead inbound PIGIR; RT on track 094° to MULDO (Δ). Climb with 3.8% (230ft/NM) or more until passing 2500. GPS/FMS RNAV: [A600+] - PIGIR[R] - MULDO.				1. PDG due to airspace structure. If unable, advise ATC upon startup. 2. After passing 2500 BRNAV-equipment necessary.
WERRA 3G	WERRA THREE GOLF Climb straight ahead to 7.7 DME HBD (6.5 DME HAD); RT, on R007 DLE to DLE (Δ); on track 185° via NORTA (Δ) to WERRA(Δ). GPS/FMS RNAV: [A600+] - DV153[R] - DV156 - DLE[L] - NORTA - WERRA.				1. After DLE BRNAV-equipment necessary. 2. If glider area Hannover Southeast is announced active on ATIS: flights have to be able to cross DLE at FL100 or above; if unable to comply, advise ATC upon start-up.
WRB 1G	WARBURG ONE GOLF Climb straight ahead to 7.7 DME HBD (6.5 DME HAD); RT, on R007 DLE to DLE (Δ); on track 185° to NORTA (Δ); on track 223° to TOLTA (Δ); on track 232° to WRB (Δ). GPS/FMS RNAV: [A600+] - DV153[R] - DV156 - DLE[L] - NORTA[R] - TOLTA[R] - WRB.				1. Destination EDDF: SID ends at TOLTA. 2. After DLE BRNAV-equipment necessary. 3. If glider area Hannover Southeast is announced active on ATIS: flights have to be able to cross DLE at FL100 or above; if unable to comply, advise ATC upon start-up.
VAXEV 1G	VAXEV ONE GOLF Climb straight ahead to 3.1 DME HBD (2.0 DME HAD) or 600 ft, whichever is later; LT, on R115 NIE to NIE (Δ); LT, on track 215° to VAXEV (Δ). GPS/FMS RNAV: [A600+] - DV150[L] - DV151[L] - DV152[L] - NIE[L] - VAXEV				After NIE BRNAV-equipment necessary.
POVEL 2H	POVEL TWO HOTEL Climb straight ahead to 9.6 DME HBD (8.4 DME HAD); RT, on track 118° to POVEL (Δ). GPS/FMS RNAV: [A600+] - DV157[R] - POVEL.				After 9.6 DME HBD (8.4 DME HAD) BRNAV-equipment necessary.

(Sample: DV103 fly-over way point)

Contact Bremen Radar immediately after take-off!