

STANDARD DEPARTURE
ROUTES - INSTRUMENT
(SID)

HANNOVER
RWY 09L

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 1Y	NIENBURG ONE YANKEE Climb straight ahead to 1.6 DME HAD (2.9 DME HBD) or 600 ft, whichever is later; LT, on R113 NIE to NIE (Δ). GPS/FMS RNAV: [A600+] - DV100[L] - DV111[L] - DV101[L] - NIE.	4000 ft	Bremen Radar 119.490	
CEL 6Y	CELLE SIX YANKEE Climb straight ahead to 7.5 DME HAD (8.8 DME HBD); LT, on track 023° CEL to CEL (Δ). GPS/FMS RNAV: [A600+] - DV102[L] - CEL.			
MULDO 5Y	MULDO FIVE YANKEE Direct HA NDB; RT, on track 094° HA to MULDO (Δ). GPS/FMS RNAV: [A600+] - HA[R] - MULDO.			
WERRA 3Y	WERRA THREE YANKEE Climb straight ahead to 6.5 DME HAD (7.8 DME HBD); RT, on R007 DLE to DLE (Δ); on track 185° via NORTA (Δ) to WERRA (Δ). GPS/FMS RNAV: [A600+] - DV103[R] - DV104 - 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, advice ATC upon start-up.
WRB 3Y	WARBURG THREE YANKEE Climb straight ahead to 6.5 DME HAD (7.8 DME HBD); 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+] - DV103[R] - DV104 - 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, advice ATC upon start-up.
VAXEV 1Y	VAXEV ONE YANKEE Climb straight ahead to 1.6 DME HAD (2.9 DME HBD) or 600 ft, whichever is later; LT, on R113 NIE to NIE (Δ); LT, on track 215° to VAXEV (Δ). GPS/FMS RNAV: [A600+] - DV100[L] - DV111[L] - DV101[L] - NIE[L] - VAXEV			After NIE BRNAV-equipment necessary.
POVEL 2Y	POVEL TWO YANKEE Climb straight ahead to 6.5 DME HAD (7.8 DME HBD); RT, on track 118° to POVEL (Δ). GPS/FMS RNAV: [A600+] - DV105[R] - POVEL.			After 6.5 DME HAD (7.8 DME HBD) BRNAV-equipment necessary.

(Sample: DV103 fly-over way point)

Contact Bremen Radar immediately after take-off!