

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)NIEDERRHEIN
RWY 09

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
VEBAK 2R	VEBAK TWO ROMEO Climb on track 091° via LAA to 8.7 DME NID; RT, on R200 RKN to VEBAK (△). GPS/FMS RNAV: [A500+] - LAA - LV100[R] - LV102 - VEBAK.	5000	Langen Radar 128.500	
ERKUM 1R	ERKUM ONE ROMEO Climb on rwy track to 1.7 DME NID; LT, on R254 HMM to 7.6 DME NID; RT, on track 092° to ERKUM (△). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A500+] - LV101[L] - LV105[R] - ERKUM.			1. PDG due to Navaid coverage. 2. After 7.6 DME NID BRNAV equipment necessary.
SONEB 2R	SONEB TWO ROMEO Climb on rwy track to 1.7 DME NID; LT, on R254 HMM to 13.8 DME NID; LT, on R196 RKN to 14.9 DME RKN; RT, on track 032° to SONEB (△). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A500+] - LAA - LV101[L] - LV103[L] - LV104[R] - SONEB.			1. PDG due to Navaid coverage. 2. After 14.9 DME RKN BRNAV equipment necessary. 3. Only for flights with RFL140 or above. Other flights proceed via ERKUM. Expect clearance to cross 10 NM prior SONEB at FL140 or above. If unable advise clearance Delivery upon start-up request.

(Sample: LV100 fly-over way point)