

NIEDERRHEIN
RWY 27

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
VEBAK 4S	VEBAK FOUR SIERRA Climb on track 286° to 1.7 DME NID; RT, to LAA NDB; on track 142° LAA to VEBAK (Δ). Climb with 7% (425 ft/NM) or more until passing 3000 ft. GPS/FMS RNAV: LV200[A500+;R] - LV210[R] - LV201[R] - LV203[K220-] - LAA[L] - VEBAK.	5000	Langen Radar 128.500	PDG due to airspace structure, if unable to comply advise ATC.
ERKUM 1S	ERKUM ONE SIERRA Climb on track 286° to 1.7 DME NID; RT, on track 066° to LV202; RT, on track 107° to ERKUM (Δ). Climb with 7% (425ft/NM) or more until passing 3000 ft. GPS/FMS RNAV: LV200[A500+;R] - LV210[R] - LV201[K220-] - LV202[R] - ERKUM.			1. PDG due to airspace structure, if unable to comply advise ATC. 2. After passing 2000 ft BRNAV equipment necessary.
SONEB 3S	SONEB THREE SIERRA Climb on track 286° to 1.7 DME NID; RT, on track 066° to LV204; LT, on track 032° to SONEB (Δ). Climb with 7% (425ft/NM) or more until passing 3000 ft. GPS/FMS RNAV: LV200[A500+;R] - LV210[R] - LV201[K220-] - LV204[L] - SONEB.			1. PDG due to airspace structure, if unable to comply advise ATC. 2. After passing 2000 ft 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: LV200 fly-over way point)