

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

SIEGERLAND
RWY 13/31

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
RWY 13				
TOBAK 1R	TOBAK ONE ROMEO Climb on RWY track direct to SIL NDB, on track 128° SIL to 13.5 DME SLD; LT, on R267 FUL to TOBAK (Δ). GPS/FMS RNAV: [A2400+] - <u>SIL</u> - GS004[L] - TOBAK.	6000 ft	Langen Radar 124.900	
NOR 2S	NÖRVENICH TWO SIERRA Climb on RWY track direct to SIL NDB, on track 128° SIL to 4.0 DME SLD or 5000, whichever is later; RT, on R116 COL via COL (Δ) to NOR (Δ). GPS/FMS RNAV: [A2400+] - <u>SIL</u> - <u>GS002</u> [A5000+; R] - GS005 - COL - NOR.			
ARPEG 1S	ARPEG ONE SIERRA Climb on RWY track direct to SIL NDB, on track 128° SIL to 4.0 DME SLD or 5000, whichever is later; LT, on track 340° intercept track 017° from SIL to ARPEG (Δ). GPS/FMS RNAV: [A2400+] - <u>SIL</u> - <u>GS002</u> [A5000+; L] - GS003 - GS006[R] - ARPEG.			
(Sample: <u>GS002</u> fly-over way point)				
RWY 31				
TOBAK 1K	TOBAK ONE KILO On track 308° SIL to 4.0 DME SLD or 5000, whichever is later; RT, on R087 COL to 31.0 DME COL; RT, on R136 GMH to TOBAK (Δ). GPS/FMS RNAV: [A2400+] - <u>GS010</u> [A5000+; R] - GS012 - GS014[R] - TOBAK.	6000 ft	Langen Radar 124.900	
NOR 2L	NÖRVENICH TWO LIMA On track 308° SIL to 4.0 DME SLD or 5000, whichever is later; LT, on R097 COL via COL (Δ) to NOR (Δ). GPS/FMS RNAV: [A2400+] - GS013[A5000+; L] - COL - NOR.			
ARPEG 1N	ARPEG ONE NOVEMBER On track 308° SIL to 4.0 DME SLD or 5000, whichever is later; RT, on R172 GMH to 17.7 DME GMH; RT, on R062 COL to ARPEG (Δ). GPS/FMS RNAV: [A2400+] - GS011[A5000+; R] - GS015[R] - ARPEG.			
(Sample: <u>GS010</u> fly-over way point)				