

FRANKFURT-HAHN
RWY 21

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
IDARO 2L	IDARO TWO LIMA On track 213° HAN to 13.8 DME HND, RT, on R242 KIR to IDARO (Δ). GPS/FMS RNAV: [A2100+] - FH075[R] - IDARO.	5000 ft	Langen Radar 125.600	Only for flights proceeding via G21.
NOR 1S	NÖRVENICH ONE SIERRA On track 213° HAN to 6.0 DME HND, RT, on R166 NOR to NOR (Δ). GPS/FMS RNAV: [A2100+] - FH070[R] - FH073 - NOR.			<ol style="list-style-type: none"> 1. Not to be filed in flightplan. 2. Will be assigned by ATC. 3. Not to be used during activity of NLFS.
BITBU 1S	BITBU ONE SIERRA On track 213° HAN to 6.0 DME HND, RT, on R166 NOR to intercept R296 KIR to RUDOT (Δ); on track 267° to BITBU (Δ). GPS/FMS RNAV: [A2100+] - FH070[R] - FH073 - FH080[L] - RUDOT[L] - BITBU.			<ol style="list-style-type: none"> 1. Not to be used during activity of NLFS. 2. After RUDOT BRNAV equipment necessary.
BITBU 1L	BITBU ONE LIMA On track 213° HAN to 11.0 DME HND, RT, on R170 NOR to 53.9 DME NOR; LT, on track 267° to BITBU (Δ). Cross 11.0 DME HND at 5000 or above. GPS/FMS RNAV: [A2100+] - FH076[A5000+; R] - FH078 - FH079[L] - BITBU.			<ol style="list-style-type: none"> 1. PDG: 5,3% (324 ft/NM) due to air-space structure and NLFS. 2. After 53.9 DME NOR BRNAV equipment necessary.
RUDUS 3S	RUDUS THREE SIERRA On track 213° HAN to 6.0 DME HND, RT to HAN. On track 022° HAN to PINEM; on track 103° to RUDUS(Δ). GPS/FMS RNAV: [A2100+] - FH070[R] - FH071 - HAN[L] - PINEM[R] - RUDUS.			<ol style="list-style-type: none"> 1. Only available for flights at or above FL120. If unable to comply, request alternate departure instructions by ATC. 2. Not to be used during activity of NLFS. 3. After PINEM BRNAV equipment necessary.
RUDUS 3L	RUDUS THREE LIMA On track 213° HAN to 11.0 DME HND, RT to HAN. On track 022° HAN to PINEM; on track 103° to RUDUS(Δ). Cross 11.0 DME HND at 5000 or above GPS/FMS RNAV: [A2100+] - FH076[A5000+; R] - FH077 - HAN[L] - PINEM[R] - RUDUS.			<ol style="list-style-type: none"> 1. Only available for flights at or above FL120. If unable to comply, request alternate departure instructions by ATC. 2. PDG: 5,3% (324 ft/NM) due to air-space structure and NLFS. 3. After PINEM BRNAV equipment necessary.

(Sample: FH070 fly-over way point)

Contact Langen Radar immediately after take-off!