

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

KASSEL-CALDEN
RWY 27

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
ELNAT 4N	ELNAT FOUR NOVEMBER Climb straight ahead to 2.7 DME DKS; LT, on track 236° to cross R129 WRB; LT, on track 175° to XIBIG(Δ); LT, on track 117° to ELNAT (Δ). Climb with 4.4% (270 ft/NM) or more until passing 3000. Climb with 8% (500 ft/NM) or more until passing 5000. GPS/FMS RNAV: [A1300+] - VK270[L] - VK277[L] - XIBIG[L] - ELNAT.	5000 ft	Bremen Radar 126.650	1. PDG 4.4% (270 ft/NM) due to obstacle. 2. PDG 8% (500 ft/NM) due to airspace structure. If unable to comply, advice ATC. 3. After passing 3000 ft BRNAV equipment necessary.
EMBAD 2N	EMBAD TWO NOVEMBER Climb straight ahead to 2.7 DME DKS; LT, on track 236° to cross R129 WRB; LT, on track 175° to EMBAD (Δ). Climb with 4.3% (260 ft/NM) or more until passing 2500. Climb with 8% (500 ft/NM) or more until passing 5000. GPS/FMS RNAV: [A1300+] - VK270[L] - VK277[L] - EMBAD.			1. PDG 4.3% (260 ft/NM) due to obstacle. 2. PDG 8% (500 ft/NM) due to airspace structure. If unable to comply, advice ATC. 3. After passing 3000 ft BRNAV equipment necessary.
XAROL 2N	XAROL TWO NOVEMBER Climb straight ahead to 2.7 DME DKS; LT, on track 236° to XAROL (Δ). Climb with 3.9% (240 ft/NM) or more until passing 1100. Climb with 8% (500 ft/NM) or more until passing 5000. GPS/FMS RNAV: [A1300+] - VK270[L] - XAROL.			1. PDG 3.9% (240 ft/NM) due to obstacle. 2. PDG 8% (500 ft/NM) due to airspace structure. If unable to comply, advice ATC. 3. After passing 3000 ft BRNAV equipment necessary.
WRB 9N	WARBURG NINE NOVEMBER Climb straight ahead to 3.2 DME DKS; RT, on track 320° to intercept R103 WRB to WRB (Δ). Climb with 3.9% (240 ft/NM) or more until passing 1100. GPS/FMS RNAV: [A1300+] - VK271[R] - VK274[L] - WRB.	4000 ft		1. Not to be used during activity of NLFS. 2. PDG 3.9% (240 ft/NM) due to obstacles.
LUXUX 2N	LUXUX TWO NOVEMBER Climb straight ahead to 5.7 DME DKS; RT, on track 064° to LUXUX (Δ). Climb with 3.9% (240 ft/NM) or more until passing 1100. GPS/FMS RNAV: [A1300+] - <u>VK273</u> [R] - VK275 - LUXUX.	5000 ft		1. Not to be used during activity of NLFS. 2. PDG 3.9% (240 ft/NM) due to obstacles. 3. After passing 3000 ft BRNAV equipment necessary.
WERRA 7N	WERRA SEVEN NOVEMBER Climb straight ahead to 3.2 DME DKS; RT, on track 088° to WERRA (Δ). Climb with 3.9% (240 ft/NM) or more until passing 1100. GPS/FMS RNAV: [A1300+] - <u>VK270</u> [R] - VK276 - WERRA.			1. PDG 3.9% (240 ft/NM) due to obstacles. 2. After passing 3000 ft BRNAV equipment necessary.

(Sample: VK270 fly-over way point)

Remain on TWR frequency until passing 2500, then contact Bremen Radar.