

KÖLN/BONN
RWY 24

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
SONEB 2D	SONEB TWO DELTA On runway track to 2.0 DME KBO; LT, on track 159° to intercept R267 COL inbound COL to 14.0 DME COL; LT, on R179 WYP to WYP (Δ); LT, on track 314° to NOKDU (Δ); RT, on track 359° to ERKUM (Δ); RT, on track 005° to SONEB (Δ). GPS/FMS RNAV: [A700+] - DK021[L] - DK022[L] - DK023[L] - WYP[L] - NOKDU[R] - ERKUM[R] - SONEB.	5000 ft	Langen Radar 118.750	1. After WYP BRNAV equipment necessary. 2. Only for flights with RFL 140 or above and flights to EDLE via WYP DCT BAM. Other flights proceed via PODIP.
SONEB 3X	SONEB THREE X-RAY On runway track to 2.0 DME KBO; LT, on track 159° to intercept R267 COL inbound COL to 14.0 DME COL; LT, on R179 WYP to WYP (Δ); LT, on track 320° to LI (Δ); RT, on track 012° to NIKOG (Δ); LT, on track 349° to LUSIX (Δ); LT, on track 346° to SONEB (Δ). GPS/FMS RNAV: [A700+] - DK021[L] - DK022[L] - DK023[L] - WYP[L] - LI[R] - NIKOG[L] - LUSIX[L] - SONEB.			1. By ATC only. 2. After WYP BRNAV equipment necessary. 3. Only for flights with RFL 140 or above and flights to EDLE via WYP DCT BAM. Other flights proceed via PODIP.
WYP 2D	WIPPER TWO DELTA On runway track to 2.0 DME KBO; LT, on track 159° to intercept R267 COL inbound COL to 14.0 DME COL; LT, on R179 WYP to WYP (Δ). GPS/FMS RNAV: [A700+] - DK021[L] - DK022[L] - DK023[L] - WYP.			By ATC only.
PODIP 4D	PODIP FOUR DELTA On runway track to 2.0 DME KBO; LT, on track 159° to intercept R267 COL to COL (Δ); LT, on R041 COL to PODIP (Δ). GPS/FMS RNAV: [A700+] - DK021[L] - DK022[L] - COL[L] - PODIP.			
COL 5D	COLA FIVE DELTA On runway track to 2.0 DME KBO; LT, on track 159° to intercept R267 COL to COL (Δ). GPS/FMS RNAV: [A700+] - DK021[L] - DK022[L] - COL.			Only for local training flights at EDDK and for flights from EDDK to EDDF.
KUMIK 4D	KUMIK FOUR DELTA On runway track to 2.0 DME KBO; LT, on track 159° to intercept R267 COL to COL (Δ); LT, on R079 COL to KUMIK (Δ). GPS/FMS RNAV: [A700+] - DK021[L] - DK022[L] - COL[L] - DK150 - KUMIK.			Flights intending to proceed via Y854 shall intercept as follows: on R079 COL to 14.5 DME COL; RT to intercept.
NOR 7D	NÖRVENICH SEVEN DELTA On runway track to 2.8 DME KBO; RT, on R089 NOR to NOR (Δ). GPS/FMS RNAV: [A700+] - DK020[R] - NOR.		Langen Radar 135.350	Flights intending to proceed above FL190 have to be able to cross FIR/UIR boundary (23.0 DME outbound NOR) at FL200 or above. If unable to comply, contact Delivery prior to start-up.

Remain on TWR frequency until passing 2000,
then contact Langen Radar.