

KOELN/BONN
RWY 31R

STANDARD DEPARTURE
ROUTES - INSTRUMENT (SID)

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
WYP 1N	<p>WYP ONE NOVEMBER Inbound LJ NDB to 1.6 DME KBO or 700, whichever is later; RT on track 060° to intercept and follow R240 GMH inbound GMH to intercept R193 WYP to WYP (△). Climb with 3.8% (235 ft/NM) or more until passing 1000. Climb with 5.1% (310 ft/NM) or more until passing 3000. MAX IAS 210 kts until established on R240 GMH.</p>	5000 ft	<p>LANGEN RADAR 135.350 Remain on TWR frequency until passing 2000, then contact Langen Radar.</p>	<p>1. PDG 5.1% (310 ft/NM) due to navaid coverage of GMH. 2. Only for non RNAV-1 equipped Aircraft or when advised by ATC. 3. Only available if LJ NDB, KBO DME, VOR GMH and VOR WYP are operational. 4. PDG 3.8% (235 ft/NM) due to obstacles.</p>