

KOELN/BONN  
RNAV (GPS, DME/DME/IRU) RWY 31L

STANDARD INSTRUMENT DEPARTURE  
ROUTES (SID)

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
<b>PODIP 7M</b>			<b>PODIP SEVEN MIKE</b>		5000 ft		LANGEN RADAR 135.350 Remain on TWR frequency until passing 2000, then contact Langen Radar.		1. Daytime only: Pass DK031 at or above 5000, pass DK038 at or above FL70, due to glider Area. If unable to comply advise ATC upon start-up. 2. PDG 12.4% (755 ft/NM) due to obstacle.		
Climb direct DK033. RT direct DK035. To DK031, to DK038, to PODIP. Climb with 12.4% (755 ft/NM) or more until passing 500. Cross DK033 at or above 700. Daytime: Pass DK031 at or above 5000 and DK038 at or above FL 70. MAX IAS 220 kts until passing DK035.											
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark
Common	DF	DK033	N 50 52 45.35 E 007 06 43.69	Y	-	-	-	A700+	220-	RNAV 1	-
Common	DF	DK035	N 50 56 03.43 E 007 08 14.53	N	-	-	R	-	220-	RNAV 1	-
Common	TF	DK031	N 50 59 11.37 E 007 18 07.47	N	(T063.3) 060	7.0	-	A5000+	-	RNAV 1	-
Common	TF	DK038	N 51 01 19.86 E 007 24 55.17	N	(T063.4) 060	4.8	-	FL70+	-	RNAV 1	-
Common	TF	PODIP	N 50 56 33.80 E 007 49 10.05	N	(T107.1) 104	16.1	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
<b>WYP 4M</b>			<b>WYP FOUR MIKE</b>		5000 ft		LANGEN RADAR 135.350 Remain on TWR frequency until passing 2000, then contact Langen Radar.		1. Pass WYP at or above 4000 due to minimum enroute altitude. 2. PDG 12.4% (755 ft/NM) due to obstacle.		
Climb direct DK033. RT direct DK035. To DK036. To WYP. Climb with 12.4% (755 ft/NM) or more until passing 500. Pass DK033 at or above 700. Pass WYP at or above 4000. MAX IAS 220 kts until passing DK035.											
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark
Common	DF	DK033	N 50 52 45.35 E 007 06 43.69	Y	-	-	-	A700+	220-	RNAV 1	-
Common	DF	DK035	N 50 56 03.43 E 007 08 14.53	N	-	-	-	-	220-	RNAV 1	-
Common	TF	DK036	N 50 58 03.13 E 007 14 31.85	N	(T063.3) 060	4.5	-	-	-	RNAV 1	-
Common	TF	WYP	N 51 02 54.07 E 007 16 47.99	N	(T016.4) 013	5.1	-	A4000+	-	RNAV 1	-