

WAY POINT LIST

KOELN/BONN

**GPS/FMS RNAV TRANSITION TO FINAL APPROACH (OVERLAY TO RADAR VECTOR PATTERN)**  
**Route Description**

**CODING**

**DISPLAY**

**| KOPAG 31**

KOPAG	F120-	N 51 03 53.52	E 007 48 36.18	N 51 03.9	E 007 48.6
DK617	F070+; K220-	N 50 48 53.00	E 007 37 59.00	N 50 48.9	E 007 38.0
DK616	R	N 50 41 34.00	E 007 32 52.00	N 50 41.6	E 007 32.9
DK615	R	N 50 40 50.00	E 007 28 17.00	N 50 40.8	E 007 28.3
DK654	K190+; R	N 50 41 43.00	E 007 23 46.00	N 50 41.7	E 007 23.8
RARIX	A3000+	N 50 45 11.27	E 007 18 46.73	N 50 45.2	E 007 18.8

**| FINAL APPROACH 31R [ILS - LOC - RNP]**

**| GULKO 31**

GULKO	F110-	N 50 45 15.41	E 007 56 19.73	N 50 45.3	E 007 56.3
DK627	F070+; K220-	N 50 43 30.00	E 007 45 06.00	N 50 43.5	E 007 45.1
DK615	R	N 50 40 50.00	E 007 28 17.00	N 50 40.8	E 007 28.3
DK654	K190+; R	N 50 41 43.00	E 007 23 46.00	N 50 41.7	E 007 23.8
RARIX	A3000+	N 50 45 11.27	E 007 18 46.73	N 50 45.2	E 007 18.8

**| FINAL APPROACH 31R [ILS - LOC - RNP]**

**| NVO 31**

NVO	F140-	N 50 49 21.63	E 006 38 11.52	N 50 49.4	E 006 38.2
DK638	R	N 50 40 27.00	E 007 03 53.00	N 50 40.4	E 007 03.9
DK637	F070+; K220-; L	N 50 38 08.00	E 007 09 01.00	N 50 38.1	E 007 09.0
DK636	L	N 50 36 45.00	E 007 21 23.00	N 50 36.8	E 007 21.4
DK635	L	N 50 38 47.00	E 007 24 50.00	N 50 38.8	E 007 24.8
DK654	K190+; L	N 50 41 43.00	E 007 23 46.00	N 50 41.7	E 007 23.8
RARIX	A3000+	N 50 45 11.27	E 007 18 46.73	N 50 45.2	E 007 18.8

**| FINAL APPROACH 31R [ILS - LOC - RNP]**