

WAY POINT LIST

FRANKFURT-HAHN

GPS/FMS RNAV TRANSITION TO FINAL APPROACH (OVERLAY TO RADAR VECTOR PATTERN)**Route Description****CODING****DISPLAY****EMGOD 1K**

EMGOD	A6000+	N 50 11 47.00	E 007 19 44.00	N 50 11.8	E 007 19.7
FH401	K220; R	N 50 00 26.68	E 007 10 07.69	N 50 00.4	E 007 10.1
FH402	A6000+	N 49 57 22.76	E 007 07 06.83	N 49 57.4	E 007 07.1
FH405	K220; L	N 49 43 33.20	E 006 53 36.87	N 49 43.6	E 006 53.6
FH415	A6000+; L	N 49 40 53.32	E 007 00 07.71	N 49 40.9	E 007 00.1
LULIS	A5000+; K170	N 49 47 38.64	E 007 06 43.07	N 49 47.6	E 007 06.7
FINAL APPROACH 03 [ILS - LOC - NDB]					

OLGIL 1K

OLGIL	A6000+	N 49 59 16.00	E 007 44 02.00	N 49 59.3	E 007 44.0
FH400	K220	N 49 58 23.18	E 007 26 28.18	N 49 58.4	E 007 26.5
FH402	A6000+; L	N 49 57 22.76	E 007 07 06.83	N 49 57.4	E 007 07.1
FH405	K220; L	N 49 43 33.20	E 006 53 36.87	N 49 43.6	E 006 53.6
FH415	A6000+; L	N 49 40 53.32	E 007 00 07.71	N 49 40.9	E 007 00.1
LULIS	A5000+; K170	N 49 47 38.64	E 007 06 43.07	N 49 47.6	E 007 06.7
FINAL APPROACH 03 [ILS - LOC - NDB]					

OLGIL 10

OLGIL	A6000+	N 49 59 16.00	E 007 44 02.00	N 49 59.3	E 007 44.0
FH400	K220; L	N 49 58 23.18	E 007 26 28.18	N 49 58.4	E 007 26.5
FH410	K220	N 49 44 58.14	E 007 13 13.88	N 49 45.0	E 007 13.2
FH412	K220; R	N 49 38 13.21	E 007 06 37.96	N 49 38.2	E 007 06.6
FH415	A6000+; R	N 49 40 53.32	E 007 00 07.71	N 49 40.9	E 007 00.1
LULIS	A5000+; K170	N 49 47 38.64	E 007 06 43.07	N 49 47.6	E 007 06.7
FINAL APPROACH 03 [ILS - LOC - NDB]					

OLIVI 1K

OLIVI	A6000+	N 49 46 41.87	E 007 36 20.34	N 49 46.7	E 007 36.3
FH400	K220; L	N 49 58 23.18	E 007 26 28.18	N 49 58.4	E 007 26.5
FH402	A6000+; L	N 49 57 22.76	E 007 07 06.83	N 49 57.4	E 007 07.1
FH405	K220; L	N 49 43 33.20	E 006 53 36.87	N 49 43.6	E 006 53.6
FH415	A6000+; L	N 49 40 53.32	E 007 00 07.71	N 49 40.9	E 007 00.1
LULIS	A5000+; K170	N 49 47 38.64	E 007 06 43.07	N 49 47.6	E 007 06.7
FINAL APPROACH 03 [ILS - LOC - NDB]					

OLIVI 10

OLIVI	A6000+	N 49 46 41.87	E 007 36 20.34	N 49 46.7	E 007 36.3
FH410	K220; L	N 49 44 58.14	E 007 13 13.88	N 49 45.0	E 007 13.2
FH412	K220; R	N 49 38 13.21	E 007 06 37.96	N 49 38.2	E 007 06.6
FH415	A6000+; R	N 49 40 53.32	E 007 00 07.71	N 49 40.9	E 007 00.1
LULIS	A5000+; K170	N 49 47 38.64	E 007 06 43.07	N 49 47.6	E 007 06.7
FINAL APPROACH 03 [ILS - LOC - NDB]					

ROPUV 1K

ROPUV	A6000+	N 50 13 19.00	E 006 50 54.00	N 50 13.3	E 006 50.9
FH401	K220; R	N 50 00 26.68	E 007 10 07.69	N 50 00.4	E 007 10.1
FH402	A6000+	N 49 57 22.76	E 007 07 06.83	N 49 57.4	E 007 07.1
FH405	K220; L	N 49 43 33.20	E 006 53 36.87	N 49 43.6	E 006 53.6
FH415	A6000+; L	N 49 40 53.32	E 007 00 07.71	N 49 40.9	E 007 00.1
LULIS	A5000+; K170	N 49 47 38.64	E 007 06 43.07	N 49 47.6	E 007 06.7
FINAL APPROACH 03 [ILS - LOC - NDB]					

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

Route Description

CODING

DISPLAY

OLGIL 1A

OLGIL	A6000+	N 49 59 16.00	E 007 44 02.00	N 49 59.3	E 007 44.0
FH500	K220; R	N 49 55 13.45	E 007 23 20.20	N 49 55.2	E 007 23.3
FH501	A6000+; K220; R	N 50 00 35.41	E 007 10 16.29	N 50 00.6	E 007 10.3
FH502	K220	N 50 04 30.71	E 007 14 08.38	N 50 04.5	E 007 14.1
FH505	K220; R	N 50 15 46.69	E 007 25 19.49	N 50 15.8	E 007 25.3
FH506	A6000+; R	N 50 13 04.93	E 007 31 53.01	N 50 13.1	E 007 31.9
RALUV	A5000+; K170	N 50 06 21.06	E 007 25 10.33	N 50 06.4	E 007 25.2
FINAL APPROACH 03 [ILS - LOC - NDB]					

OLGIL 1B

OLGIL	A6000+	N 49 59 16.00	E 007 44 02.00	N 49 59.3	E 007 44.0
FH517	R	N 50 01 29.85	E 007 36 56.01	N 50 01.5	E 007 36.9
FH510	K220; R	N 50 03 39.47	E 007 31 42.68	N 50 03.7	E 007 31.7
FH511	A6000+; K220; L	N 50 07 01.26	E 007 35 04.06	N 50 07.0	E 007 35.1
FH515	L	N 50 09 43.05	E 007 28 31.43	N 50 09.7	E 007 28.5
RALUV	A5000+; K170	N 50 06 21.06	E 007 25 10.33	N 50 06.4	E 007 25.2
FINAL APPROACH 21 [ILS - LOC - NDB]					

OLIVI 1A

OLIVI	A6000+	N 49 46 41.87	E 007 36 20.34	N 49 46.7	E 007 36.3
FH500	K220; L	N 49 55 13.45	E 007 23 20.20	N 49 55.2	E 007 23.3
FH501	A6000+; K220; R	N 50 00 35.41	E 007 10 16.29	N 50 00.6	E 007 10.3
FH502	K220	N 50 04 30.71	E 007 14 08.38	N 50 04.5	E 007 14.1
FH505	K220; R	N 50 15 46.69	E 007 25 19.49	N 50 15.8	E 007 25.3
FH506	A6000+; R	N 50 13 04.93	E 007 31 53.01	N 50 13.1	E 007 31.9
RALUV	A5000+; K170	N 50 06 21.06	E 007 25 10.33	N 50 06.4	E 007 25.2
FINAL APPROACH 21 [ILS - LOC - NDB]					

OLIVI 1B

OLIVI	A6000+	N 49 46 41.87	E 007 36 20.34	N 49 46.7	E 007 36.3
FH510	K220; R	N 50 03 39.47	E 007 31 42.68	N 50 03.7	E 007 31.7
FH511	A6000+; K220; L	N 50 07 01.26	E 007 35 04.06	N 50 07.0	E 007 35.1
FH515	L	N 50 09 43.05	E 007 28 31.43	N 50 09.7	E 007 28.5
RALUV	A5000+; K170	N 50 06 21.06	E 007 25 10.33	N 50 06.4	E 007 25.2
FINAL APPROACH 21 [ILS - LOC - NDB]					

ROLIS 1A

ROLIS	A6000+	N 50 26 06.37	E 007 49 30.55	N 50 26.1	E 007 49.5
FH516	L	N 50 19 08.71	E 007 28 41.31	N 50 19.1	E 007 28.7
FH505	K220; L	N 50 15 46.69	E 007 25 19.49	N 50 15.8	E 007 25.3
FH506	A6000+; R	N 50 13 04.93	E 007 31 53.01	N 50 13.1	E 007 31.9
RALUV	A5000+; K170	N 50 06 21.06	E 007 25 10.33	N 50 06.4	E 007 25.2
FINAL APPROACH 21 [ILS - LOC - NDB]					

ROPUV 1A

ROPUV	A6000+	N 50 13 19.00	E 006 50 54.00	N 50 13.3	E 006 50.9
FH502	K220; L	N 50 04 30.71	E 007 14 08.38	N 50 04.5	E 007 14.1
FH505	K220; R	N 50 15 46.69	E 007 25 19.49	N 50 15.8	E 007 25.3
FH506	A6000+; R	N 50 13 04.93	E 007 31 53.01	N 50 13.1	E 007 31.9
RALUV	A5000+; K170	N 50 06 21.06	E 007 25 10.33	N 50 06.4	E 007 25.2
FINAL APPROACH 21 [ILS - LOC - NDB]					

WAY POINT LIST

FRANKFURT-HAHN

GPS/FMS RNAV TRANSITION TO FINAL APPROACH (OVERLAY TO RADAR VECTOR PATTERN)**Additional Way Points**

IDENT	CODING		DISPLAY	
FH403	N 49 50 18.91	E 007 00 11.66	N 49 50.3	E 007 00.2
FH404	N 49 46 56.08	E 006 56 54.08	N 49 46.9	E 006 56.9
FH411	N 49 41 35.70	E 007 09 55.74	N 49 41.6	E 007 09.9
FH420	N 49 44 16.00	E 007 03 25.21	N 49 44.3	E 007 03.4
FH503	N 50 09 02.42	E 007 18 37.36	N 50 09.0	E 007 18.6
FH504	N 50 12 24.60	E 007 21 58.18	N 50 12.4	E 007 22.0

GPS/FMS RNAV DEPARTURE ROUTES (OVERLAY)

IDENT	CODING		DISPLAY	
FH060	N 50 00 57.12	E 007 19 49.00	N 50 01.0	E 007 19.8
FH061	N 50 03 33.97	E 007 13 36.64	N 50 03.6	E 007 13.6
FH062	N 50 00 52.48	E 007 13 38.63	N 50 00.9	E 007 13.6
FH063	N 50 06 10.36	E 007 24 59.68	N 50 06.2	E 007 25.0
FH064	N 50 07 39.24	E 007 18 22.75	N 50 07.7	E 007 18.4
FH065	N 50 07 26.07	E 007 26 14.98	N 50 07.4	E 007 26.2
FH066	N 50 08 42.46	E 007 18 58.18	N 50 08.7	E 007 19.0
FH067	N 50 00 40.85	E 007 26 17.72	N 50 00.7	E 007 26.3
FH068	N 50 10 27.08	E 007 23 10.50	N 50 10.5	E 007 23.2
FH070	N 49 51 51.20	E 007 10 40.42	N 49 51.9	E 007 10.7
FH071	N 49 54 47.97	E 007 06 16.47	N 49 54.8	E 007 06.3
FH073	N 49 52 29.28	E 007 04 49.11	N 49 52.5	E 007 04.8
FH075	N 49 44 26.37	E 007 03 07.94	N 49 44.4	E 007 03.1
FH076	N 49 47 40.87	E 007 06 25.43	N 49 47.7	E 007 06.4
FH077	N 49 50 58.45	E 007 00 42.23	N 49 51.0	E 007 00.7
FH078	N 49 48 22.98	E 006 59 15.59	N 49 48.4	E 006 59.3
FH080	N 49 59 00.10	E 007 02 15.78	N 49 59.0	E 007 02.3
ABDAP	N 49 59 29.00	E 007 09 25.00	N 49 59.5	E 007 09.4
ABSIX	N 49 55 46.00	E 007 19 49.00	N 49 55.8	E 007 19.8
ASMOX	N 49 54 10.42	E 006 16 34.23	N 49 54.2	E 006 16.6
DONAB	N 49 49 15.89	E 008 01 44.83	N 49 49.3	E 008 01.7
GEBDA	N 49 06 09.00	E 008 17 15.00	N 49 06.2	E 008 17.2
IDARO	N 49 42 25.03	E 006 57 19.43	N 49 42.4	E 006 57.3
BITBU	N 49 58 58.62	E 006 33 41.86	N 49 59.0	E 006 33.7
MAKIK	N 49 58 12.00	E 006 10 02.00	N 49 58.2	E 006 10.0
OLIVI	N 49 46 41.87	E 007 36 20.34	N 49 46.7	E 007 36.3
RIDSU	N 49 44 56.25	E 008 28 47.59	N 49 44.9	E 008 28.8
RUDOT	N 49 59 35.73	E 006 54 16.19	N 49 59.6	E 006 54.3
RUDUS	N 50 02 51.32	E 008 04 41.77	N 50 02.9	E 008 04.7
SOBRA	N 49 51 39.00	E 007 46 32.00	N 49 51.6	E 007 46.5
SOMIM	N 49 56 58.00	E 007 11 50.00	N 49 57.0	E 007 11.8
ULKIG	N 49 52 11.00	E 007 43 10.00	N 49 52.2	E 007 43.2

THRESHOLD COORDINATES

DER	THR	CODING		DISPLAY	
RWY 21		N 49 55 51.39	E 007 14 47.09	N 49 55.9	E 007 14.8
	RWY 21	N 49 57 28.61	E 007 16 22.95	N 49 57.5	E 007 16.4
	RWY 03	N 49 56 01.22	E 007 14 56.77	N 49 56.0	E 007 14.9