

WAY POINT LIST

LEIPZIG/HALLE

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

Route Description

CODING

DISPLAY

GOBAX 08

GOBAX	F160-	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
DP425	K240-	N 51 32 14.17	E 012 20 30.06	N 51 32.2	E 012 20.5
DP423	F080+; K220-	N 51 31 14.91	E 011 59 33.75	N 51 31.2	E 011 59.6
DP420	F070-; L	N 51 30 15.65	E 011 39 51.33	N 51 30.3	E 011 39.9
DP430	A6000+; L	N 51 24 16.80	E 011 40 38.71	N 51 24.3	E 011 40.6
DP431	A5000+	N 51 24 36.43	E 011 47 01.02	N 51 24.6	E 011 47.0
MOKUL	A3000+	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3

FINAL APPROACH 08L [ILS - LOC - NDB - RNAV(GPS)]

LUKOP 08

LUKOP		N 51 29 46.03	E 011 30 24.14	N 51 29.8	E 011 30.4
DP411	F100+; R	N 51 36 33.80	E 011 45 27.77	N 51 36.6	E 011 45.5
DP415	R	N 51 38 12.97	E 012 19 47.84	N 51 38.2	E 012 19.8
DP425	K240-; R	N 51 32 14.17	E 012 20 30.06	N 51 32.2	E 012 20.5
DP423	F080+; K220-	N 51 31 14.91	E 011 59 33.75	N 51 31.2	E 011 59.6
DP420	F070-; L	N 51 30 15.65	E 011 39 51.33	N 51 30.3	E 011 39.9
DP430	A6000+; L	N 51 24 16.80	E 011 40 38.71	N 51 24.3	E 011 40.6
DP431	A5000+	N 51 24 36.43	E 011 47 01.02	N 51 24.6	E 011 47.0
MOKUL	A3000+	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3

FINAL APPROACH 08L [ILS - LOC - NDB - RNAV(GPS)]

MITNI 08

MITNI		N 51 14 18.53	E 012 49 05.28	N 51 14.3	E 012 49.1
DP456	L	N 51 19 25.41	E 012 28 23.77	N 51 19.4	E 012 28.4
DP455	K240-	N 51 19 08.15	E 012 22 01.89	N 51 19.1	E 012 22.0
DP453	F080+; K220-	N 51 18 07.58	E 012 00 39.03	N 51 18.1	E 012 00.7
DP450	R	N 51 17 10.20	E 011 41 34.77	N 51 17.2	E 011 41.6
DP440	A5000; R	N 51 23 08.45	E 011 40 47.71	N 51 23.1	E 011 40.8
DP441	A4000	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
GAMKO	A3000+	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7

FINAL APPROACH 08R [ILS - LOC - NDB - RNAV(GPS)]

SOMKO 08

SOMKO		N 51 10 51.86	E 011 36 01.25	N 51 10.9	E 011 36.0
DP465	L	N 51 13 09.34	E 012 22 43.52	N 51 13.2	E 012 22.7
DP455	K240-; L	N 51 19 08.15	E 012 22 01.89	N 51 19.1	E 012 22.0
DP453	F080+; K220-	N 51 18 07.58	E 012 00 39.03	N 51 18.1	E 012 00.7
DP450	R	N 51 17 10.20	E 011 41 34.77	N 51 17.2	E 011 41.6
DP440	A5000; R	N 51 23 08.45	E 011 40 47.71	N 51 23.1	E 011 40.8
DP441	A4000	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
GAMKO	A3000+	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7

FINAL APPROACH 08R [ILS - LOC - NDB - RNAV(GPS)]

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

Route Description

		CODING		DISPLAY	
GOBAX 26					
GOBAX	F160-	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
DP417	F100+; L	N 51 38 49.89	E 012 33 34.63	N 51 38.8	E 012 33.6
DP412	L	N 51 36 54.69	E 011 52 24.61	N 51 36.9	E 011 52.4
DP422	K240-; L	N 51 30 56.07	E 011 53 10.41	N 51 30.9	E 011 53.2
DP425	F080+; K220-	N 51 32 14.17	E 012 20 30.06	N 51 32.2	E 012 20.5
DP428	F070-; R	N 51 33 07.60	E 012 40 38.92	N 51 33.1	E 012 40.6
DP438	A4000; R	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
KOSAM	A3000+	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5
FINAL APPROACH 26R [ILS - LOC - NDB - RNAV(GPS)]					
LUKOP 26					
LUKOP		N 51 29 46.03	E 011 30 24.14	N 51 29.8	E 011 30.4
DP422	K240-	N 51 30 56.07	E 011 53 10.41	N 51 30.9	E 011 53.2
DP425	F080+; K220-	N 51 32 14.17	E 012 20 30.06	N 51 32.2	E 012 20.5
DP428	F070-; R	N 51 33 07.60	E 012 40 38.92	N 51 33.1	E 012 40.6
DP438	A4000; R	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
KOSAM	A3000+	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5
FINAL APPROACH 26R [ILS - LOC - NDB - RNAV(GPS)]					
MITNI 26					
MITNI		N 51 14 18.53	E 012 49 05.28	N 51 14.3	E 012 49.1
DP462	R	N 51 11 50.17	E 011 55 02.76	N 51 11.8	E 011 55.0
DP452	K240-; R	N 51 17 48.80	E 011 54 17.52	N 51 17.8	E 011 54.3
DP455	F080+; K220-	N 51 19 08.15	E 012 22 01.89	N 51 19.1	E 012 22.0
DP458	L	N 51 20 01.33	E 012 42 04.98	N 51 20.0	E 012 42.1
DP448	A5000+; L	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
TAKOR	A3000+	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
FINAL APPROACH 26L [ILS - LOC - NDB - RNAV(GPS)]					
SOMKO 26					
SOMKO		N 51 10 51.86	E 011 36 01.25	N 51 10.9	E 011 36.0
DP451	R	N 51 17 29.67	E 011 47 56.10	N 51 17.5	E 011 47.9
DP452	K240-	N 51 17 48.80	E 011 54 17.52	N 51 17.8	E 011 54.3
DP455	F080+; K220-	N 51 19 08.15	E 012 22 01.89	N 51 19.1	E 012 22.0
DP458	L	N 51 20 01.33	E 012 42 04.98	N 51 20.0	E 012 42.1
DP448	A5000+; L	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
TAKOR	A3000+	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
FINAL APPROACH 26L [ILS - LOC - NDB - RNAV(GPS)]					

WAY POINT LIST

LEIPZIG/HALLE

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

Additional Way Points

IDENT	CODING		DISPLAY	
DP414	N 51 37 32.10	E 012 05 13.05	N 51 37.5	E 012 05.2
DP421	N 51 30 35.23	E 011 46 14.48	N 51 30.6	E 011 46.2
DP424	N 51 31 33.40	E 012 05 57.18	N 51 31.6	E 012 06.0
DP426	N 51 32 34.08	E 012 27 51.24	N 51 32.6	E 012 27.9
DP427	N 51 32 51.02	E 012 34 15.04	N 51 32.9	E 012 34.3
DP432	N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
DP437	N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
DP442	N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
DP447	N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
DP454	N 51 18 27.57	E 012 07 33.17	N 51 18.5	E 012 07.6
DP457	N 51 19 42.32	E 012 34 45.72	N 51 19.7	E 012 34.8
DP464	N 51 12 28.85	E 012 08 16.69	N 51 12.5	E 012 08.3
DP467	N 51 13 43.43	E 012 35 25.69	N 51 13.7	E 012 35.4
DP720	N 51 29 14.84	E 011 20 42.43	N 51 29.2	E 011 20.7
DP729	N 51 33 55.26	E 012 59 51.00	N 51 33.9	E 012 59.9
DP750	N 51 16 09.67	E 011 22 31.33	N 51 16.2	E 011 22.5
DP759	N 51 20 48.76	E 013 01 11.56	N 51 20.8	E 013 01.2

LEIPZIG/HALLE

WAY POINT LIST

CODING

DISPLAY

| RNAV (GPS) Approach to RWY 08L from LUKOP

LUKOP (IAF)	N 51 29 46.03	E 011 30 24.14	N 51 29.8	E 011 30.4
DP431 (TF)	N 51 24 36.43	E 011 47 01.02	N 51 24.6	E 011 47.0
DP432 (IF)	N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
MOKUL (FAF)	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3
RW08L (MAPt)	N 51 25 52.47	E 012 12 56.97	N 51 25.9	E 012 12.9
ZIG (MATF)	N 51 26 02.48	E 012 16 49.78	N 51 26.0	E 012 16.8
DP481 (MATF)	N 51 29 17.87	E 012 17 47.87	N 51 29.3	E 012 17.8
DP482 (MATF)	N 51 41 08.35	E 011 36 54.63	N 51 41.1	E 011 36.9
LUKOP (MAHF)	N 51 29 46.03	E 011 30 24.14	N 51 29.8	E 011 30.4

RNAV (GPS) Approach to RWY 08L from SOMKO

SOMKO (IAF)	N 51 10 51.86	E 011 36 01.25	N 51 10.9	E 011 36.0
DP431 (TF)	N 51 24 36.43	E 011 47 01.02	N 51 24.6	E 011 47.0
DP432 (IF)	N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
MOKUL (FAF)	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3
RW08L (MAPt)	N 51 25 52.47	E 012 12 56.97	N 51 25.9	E 012 12.9
ZIG (MATF)	N 51 26 02.48	E 012 16 49.78	N 51 26.0	E 012 16.8
DP481 (MATF)	N 51 29 17.87	E 012 17 47.87	N 51 29.3	E 012 17.8
DP482 (MATF)	N 51 41 08.35	E 011 36 54.63	N 51 41.1	E 011 36.9
LUKOP (MAHF)	N 51 29 46.03	E 011 30 24.14	N 51 29.8	E 011 30.4

| RNAV (GPS) Approach to RWY 08R from LUKOP

LUKOP (IAF)	N 51 29 46.03	E 011 30 24.14	N 51 29.8	E 011 30.4
DP441 (TF)	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
DP442 (IF)	N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
GAMKO (FAF)	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7
RW08R (MAPt)	N 51 24 41.79	E 012 12 16.73	N 51 24.7	E 012 12.3
SKZ (MATF)	N 51 24 53.63	E 012 16 16.60	N 51 24.9	E 012 16.3
DP491 (MATF)	N 51 21 12.24	E 012 17 00.85	N 51 21.2	E 012 17.0
DP492 (MATF)	N 51 20 09.67	E 012 07 37.24	N 51 20.2	E 012 07.6
SOMKO (MAHF)	N 51 10 51.86	E 011 36 01.25	N 51 10.9	E 011 36.0

RNAV (GPS) Approach to RWY 08R from SOMKO

SOMKO (IAF)	N 51 10 51.86	E 011 36 01.25	N 51 10.9	E 011 36.0
DP441 (TF)	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
DP442 (IF)	N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
GAMKO (FAF)	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7
RW08R (MAPt)	N 51 24 41.79	E 012 12 16.73	N 51 24.7	E 012 12.3
SKZ (MATF)	N 51 24 53.63	E 012 16 16.60	N 51 24.9	E 012 16.3
DP491 (MATF)	N 51 21 12.24	E 012 17 00.85	N 51 21.2	E 012 17.0
DP492 (MATF)	N 51 20 09.67	E 012 07 37.24	N 51 20.2	E 012 07.6
SOMKO (MAHF)	N 51 10 51.86	E 011 36 01.25	N 51 10.9	E 011 36.0

WAY POINT LIST

LEIPZIG/HALLE

		CODING		DISPLAY	
RNAV (GPS) Approach to RWY 26L from GOBAX					
	GOBAX (IAF)	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
	DP493 (TF)	N 51 35 19.72	E 012 42 45.85	N 51 35.3	E 012 42.8
	DP494 (TF)	N 51 36 40.39	E 012 47 42.21	N 51 36.7	E 012 47.7
	GOBAX (TF)	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
	DP448 (TF)	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
	DP447 (IF)	N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
	TAKOR (FAF)	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
	RW26L (MAPt)	N 51 24 50.47	E 012 15 22.49	N 51 24.8	E 012 15.4
	DP499 (MATF)	N 51 24 38.20	E 012 11 00.41	N 51 24.6	E 012 11.0
	DP495 (MATF)	N 51 22 06.72	E 012 08 20.04	N 51 22.1	E 012 08.3
	DP496 (MATF)	N 51 17 41.84	E 012 10 43.37	N 51 17.7	E 012 10.7
	MITNI (MAHF)	N 51 14 18.53	E 012 49 05.28	N 51 14.3	E 012 49.1
RNAV (GPS) Approach to RWY 26L from MITNI					
	MITNI (IAF)	N 51 14 18.53	E 012 49 05.28	N 51 14.3	E 012 49.1
	DP448 (TF)	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
	DP447 (IF)	N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
	TAKOR (FAF)	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
	RW26L (MAPt)	N 51 24 50.47	E 012 15 22.49	N 51 24.8	E 012 15.4
	DP499 (MATF)	N 51 24 38.20	E 012 11 00.41	N 51 24.6	E 012 11.0
	DP495 (MATF)	N 51 22 06.72	E 012 08 20.04	N 51 22.1	E 012 08.3
	DP496 (MATF)	N 51 17 41.84	E 012 10 43.37	N 51 17.7	E 012 10.7
	MITNI (MAHF)	N 51 14 18.53	E 012 49 05.28	N 51 14.3	E 012 49.1
RNAV (GPS) Approach to RWY 26R from GOBAX					
	GOBAX (IAF)	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
	DP493 (TF)	N 51 35 19.72	E 012 42 45.85	N 51 35.3	E 012 42.8
	DP494 (TF)	N 51 36 40.39	E 012 47 42.21	N 51 36.7	E 012 47.7
	GOBAX (TF)	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
	DP438 (TF)	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
	DP437 (IF)	N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
	KOSAM (FAF)	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5
	RW26R (MAPt)	N 51 26 01.13	E 012 16 02.80	N 51 26.0	E 012 16.0
	DP510 (MATF)	N 51 25 48.72	E 012 11 37.20	N 51 25.8	E 012 11.6
	DP485 (MATF)	N 51 30 23.86	E 012 09 43.15	N 51 30.4	E 012 09.7
	DP486 (MATF)	N 51 38 02.83	E 012 36 42.83	N 51 38.0	E 012 36.7
	GOBAX (MAHF)	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0

LEIPZIG/HALLE

WAY POINT LIST

	CODING		DISPLAY	
RNAV (GPS) Approach to RWY 26R from MITNI				
MITNI (IAF)	N 51 14 18.53	E 012 49 05.28	N 51 14.3	E 012 49.1
DP438 (TF)	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
DP437 (IF)	N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
KOSAM (FAF)	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5
RW26R (MAPt)	N 51 26 01.13	E 012 16 02.80	N 51 26.0	E 012 16.0
DP510 (MATF)	N 51 25 48.72	E 012 11 37.20	N 51 25.8	E 012 11.6
DP485 (MATF)	N 51 30 23.86	E 012 09 43.15	N 51 30.4	E 012 09.7
DP486 (MATF)	N 51 38 02.83	E 012 36 42.83	N 51 38.0	E 012 36.7
GOBAX (MAHF)	N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0

WAY POINT LIST

LEIPZIG/HALLE

GPS/FMS RNAV DEPARTURE ROUTES (OVERLAY)

IDENT	CODING		DISPLAY	
DP510	N 51 25 48.72	E 012 11 37.20	N 51 25.8	E 012 11.6
DP511	N 51 30 21.25	E 012 09 44.23	N 51 30.4	E 012 09.7
DP512	N 51 33 56.34	E 012 22 09.79	N 51 33.9	E 012 22.2
DP513	N 51 24 31.06	E 012 08 29.74	N 51 24.5	E 012 08.5
DP514	N 51 24 09.00	E 011 38 01.89	N 51 24.2	E 011 38.0
DP515	N 51 25 40.60	E 012 08 45.17	N 51 25.7	E 012 08.8
DP516	N 51 28 13.25	E 012 07 31.05	N 51 28.2	E 012 07.5
DP517	N 51 25 06.65	E 011 57 02.49	N 51 25.1	E 011 57.0
DP518	N 51 25 38.40	E 012 07 58.92	N 51 25.6	E 012 08.0
DP519	N 51 23 09.07	E 012 05 14.34	N 51 23.2	E 012 05.2
DP523	N 51 24 23.69	E 012 05 55.15	N 51 24.4	E 012 05.9
DP524	N 51 46 55.11	E 011 54 19.63	N 51 46.9	E 011 54.3
DP525	N 51 23 17.32	E 011 43 34.78	N 51 23.3	E 011 43.6
DP526	N 51 22 02.42	E 012 05 45.93	N 51 22.0	E 012 05.8
DP527	N 51 12 29.44	E 011 45 22.39	N 51 12.5	E 011 45.4
DP528	N 51 07 27.76	E 011 50 01.17	N 51 07.5	E 011 50.0
DP529	N 51 38 17.01	E 012 44 01.01	N 51 38.3	E 012 44.0
DP530	N 51 29 12.37	E 012 16 41.40	N 51 29.2	E 012 16.7
DP531	N 51 28 09.84	E 012 18 58.45	N 51 28.2	E 012 19.0
DP532	N 51 29 15.09	E 012 12 25.26	N 51 29.3	E 012 12.4
DP533	N 51 30 21.21	E 012 17 41.95	N 51 30.4	E 012 17.7
DP534	N 51 26 36.37	E 012 28 57.82	N 51 26.6	E 012 29.0
DP535	N 51 26 42.80	E 012 31 22.67	N 51 26.7	E 012 31.4
DP536	N 51 26 46.26	E 012 32 41.27	N 51 26.8	E 012 32.7
DP541	N 51 24 57.12	E 012 17 45.82	N 51 25.0	E 012 17.8
DP542	N 51 27 54.98	E 012 20 09.54	N 51 27.9	E 012 20.2
DP543	N 51 25 23.43	E 012 27 24.37	N 51 25.4	E 012 27.4
DP544	N 51 25 37.83	E 012 32 48.98	N 51 25.6	E 012 32.8
DP545	N 51 25 40.94	E 012 33 59.62	N 51 25.7	E 012 34.0

LEIPZIG/HALLE

WAY POINT LIST

GPS/FMS RNAV DEPARTURE ROUTES (OVERLAY)

IDENT	CODING		DISPLAY	
AKASO	N 51 08 30.05	E 012 34 43.96	N 51 08.5	E 012 34.7
BEMIX	N 51 07 29.45	E 012 12 37.34	N 51 07.5	E 012 12.6
DESAN	N 51 23 54.54	E 011 55 55.49	N 51 23.9	E 011 55.9
DOLIT	N 51 32 57.13	E 011 52 28.86	N 51 33.0	E 011 52.5
GIGUB	N 51 40 02.60	E 011 16 19.81	N 51 40.0	E 011 16.3
KULUT	N 51 07 31.00	E 012 13 08.15	N 51 07.5	E 012 13.1
LELMA	N 51 43 50.04	E 012 47 23.90	N 51 43.8	E 012 47.4
MATIB	N 51 43 12.06	E 011 57 57.52	N 51 43.2	E 011 58.0
NAMUB	N 51 07 25.15	E 011 40 43.17	N 51 07.4	E 011 40.7
ODLUN	N 51 51 01.66	E 011 50 17.94	N 51 51.0	E 011 50.3
ORTAG	N 51 29 12.45	E 011 04 47.27	N 51 29.2	E 011 04.8
PENEM	N 51 42 33.04	E 012 05 18.49	N 51 42.6	E 012 05.3
TADUV	N 51 25 47.66	E 012 32 53.44	N 51 25.8	E 012 32.9
TORPU	N 51 10 14.84	E 013 12 37.89	N 51 10.2	E 013 12.6
UMBAL	N 51 48 14.81	E 012 10 22.54	N 51 48.2	E 012 10.4

THRESHOLD COORDINATES

THR	CODING		DISPLAY	
RWY 08R	N 51 24 41.79	E 012 12 16.73	N 51 24.7	E 012 12.3
RWY 08L	N 51 25 52.47	E 012 12 56.97	N 51 25.9	E 012 12.9
RWY 26R	N 51 26 01.13	E 012 16 02.80	N 51 26.0	E 012 16.0
RWY 26L	N 51 24 50.47	E 012 15 22.49	N 51 24.8	E 012 15.4

WAY POINT LIST

LEIPZIG/HALLE

GPS/FMS RNAV DEPARTURE ROUTES

IDENT	CODING		DISPLAY	
DP510	N 51 25 48.72	E 012 11 37.20	N 51 25.8	E 012 11.6
DP516	N 51 28 13.25	E 012 07 31.05	N 51 28.2	E 012 07.5
DP520	N 51 24 32.11	E 012 08 51.84	N 51 24.5	E 012 08.9
DP521	N 51 27 12.00	E 012 04 52.56	N 51 27.2	E 012 04.9
DP522	N 51 44 30.96	E 012 22 39.24	N 51 44.5	E 012 22.7
DP537	N 51 26 01.13	E 012 16 02.80	N 51 26.0	E 012 16.0
DP538	N 51 23 43.67	E 012 18 48.62	N 51 23.7	E 012 18.8
DP539	N 51 22 04.61	E 012 17 50.43	N 51 22.1	E 012 17.8
DP540	N 51 07 29.73	E 012 00 01.51	N 51 07.5	E 012 00.0
DP546	N 51 24 50.47	E 012 15 22.49	N 51 24.8	E 012 15.4
DP547	N 51 21 44.11	E 012 16 58.26	N 51 21.7	E 012 17.0
DP548	N 51 20 14.83	E 012 13 11.38	N 51 20.2	E 012 13.2
ETIPO	N 51 43 28.09	E 012 07 52.81	N 51 43.5	E 012 07.9
LELMA	N 51 43 50.04	E 012 47 23.90	N 51 43.8	E 012 47.4
NAMUB	N 51 07 25.15	E 011 40 43.17	N 51 07.4	E 011 40.7
UMBAL	N 51 48 14.81	E 012 10 22.54	N 51 48.2	E 012 10.4

THRESHOLD COORDINATES

THR	CODING		DISPLAY	
RWY 08R	N 51 24 41.79	E 012 12 16.73	N 51 24.7	E 012 12.3
RWY 08L	N 51 25 52.47	E 012 12 56.97	N 51 25.9	E 012 12.9
RWY 26R	N 51 26 01.13	E 012 16 02.80	N 51 26.0	E 012 16.0
RWY 26L	N 51 24 50.47	E 012 15 22.49	N 51 24.8	E 012 15.4

LEIPZIG/HALLE

WAY POINT LIST

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

Route Description

CODING

DISPLAY

ADPUP 1N

ADPUP	F170+	N 51 11 33.05	E 012 50 31.94	N 51 11.6	E 012 50.5
DP853	F080+; K250-	N 51 14 12.42	E 011 59 07.67	N 51 14.2	E 011 59.1
DP850	R	N 51 17 17.59	E 011 43 58.70	N 51 17.3	E 011 44.0
DP831	A5000+; K220-; R	N 51 24 38.74	E 011 47 46.43	N 51 24.6	E 011 47.8
DP432		N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
MOKUL	A3000+	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3

FINAL APPROACH 08L [ILS - LOC - NDB - RNAV(GPS)]

EKNUR 1N

EKNUR	F130+	N 50 50 13.76	E 011 30 11.43	N 50 50.2	E 011 30.2
DP860	F080+; K250-	N 51 07 46.88	E 011 39 06.00	N 51 07.8	E 011 39.1
DP850		N 51 17 17.59	E 011 43 58.70	N 51 17.3	E 011 44.0
DP831	A5000+; K220-; R	N 51 24 38.74	E 011 47 46.43	N 51 24.6	E 011 47.8
DP432		N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
MOKUL	A3000+	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3

FINAL APPROACH 08L [ILS - LOC - NDB - RNAV(GPS)]

IBVOV 1N

IBVOV	F080+; K250-	N 51 36 01.40	E 011 29 19.85	N 51 36.0	E 011 29.3
DP820		N 51 28 50.64	E 011 40 28.71	N 51 28.8	E 011 40.5
DP431	A5000+; K220-; L	N 51 24 36.43	E 011 47 01.02	N 51 24.6	E 011 47.0
DP432		N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
MOKUL	A3000+	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3

FINAL APPROACH 08L [ILS - LOC - NDB - RNAV(GPS)]

UNBIB 1N

UNBIB	F180+	N 51 42 03.09	E 012 55 02.84	N 51 42.1	E 012 55.0
DP816	R	N 51 35 58.90	E 012 25 16.73	N 51 36.0	E 012 25.3
DP823	F080+; K250-	N 51 32 46.56	E 012 01 52.41	N 51 32.8	E 012 01.9
DP421	L	N 51 30 35.23	E 011 46 14.48	N 51 30.6	E 011 46.2
DP431	A5000+; K220-; L	N 51 24 36.43	E 011 47 01.02	N 51 24.6	E 011 47.0
DP432		N 51 24 57.43	E 011 53 56.02	N 51 25.0	E 011 53.9
MOKUL	A3000+	N 51 25 16.23	E 012 00 18.52	N 51 25.3	E 012 00.3

FINAL APPROACH 08L [ILS - LOC - NDB - RNAV(GPS)]

WAY POINT LIST

LEIPZIG/HALLE

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

ADPUP	F170+	N 51 11 33.05	E 012 50 31.94	N 51 11.6	E 012 50.5
DP853	F080+; K250-	N 51 14 12.42	E 011 59 07.67	N 51 14.2	E 011 59.1
DP850	R	N 51 17 17.59	E 011 43 58.70	N 51 17.3	E 011 44.0
DP441	A5000+; K220-; R	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
DP442		N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
GAMKO	A3000+	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7

FINAL APPROACH 08R [ILS - LOC - NDB - RNAV(GPS)]

EKNUR 1S

EKNUR	F130+	N 50 50 13.76	E 011 30 11.43	N 50 50.2	E 011 30.2
DP860	F080+; K250-	N 51 07 46.88	E 011 39 06.00	N 51 07.8	E 011 39.1
DP850		N 51 17 17.59	E 011 43 58.70	N 51 17.3	E 011 44.0
DP441	A5000+; K220-; R	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
DP442		N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
GAMKO	A3000+	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7

FINAL APPROACH 08R [ILS - LOC - NDB - RNAV(GPS)]

IBVOV 1S

IBVOV	F080+; K250-	N 51 36 01.40	E 011 29 19.85	N 51 36.0	E 011 29.3
DP820		N 51 28 50.64	E 011 40 28.71	N 51 28.8	E 011 40.5
DP841	A5000+; K220-; L	N 51 23 32.63	E 011 48 39.20	N 51 23.5	E 011 48.7
DP442		N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
GAMKO	A3000+	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7

FINAL APPROACH 08R [ILS - LOC - NDB - RNAV(GPS)]

UNBIB 1S

UNBIB	F180+	N 51 42 03.09	E 012 55 02.84	N 51 42.1	E 012 55.0
DP816	R	N 51 35 58.90	E 012 25 16.73	N 51 36.0	E 012 25.3
DP823	F080+; K250-	N 51 32 46.56	E 012 01 52.41	N 51 32.8	E 012 01.9
DP421	L	N 51 30 35.23	E 011 46 14.48	N 51 30.6	E 011 46.2
DP441	A5000+; K220-; L	N 51 23 28.07	E 011 47 09.86	N 51 23.5	E 011 47.2
DP442		N 51 23 47.44	E 011 53 32.09	N 51 23.8	E 011 53.5
GAMKO	A3000+	N 51 24 05.58	E 011 59 40.58	N 51 24.1	E 011 59.7

FINAL APPROACH 08R [ILS - LOC - NDB - RNAV(GPS)]

LEIPZIG/HALLE

WAY POINT LIST

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

Route Description

		CODING		DISPLAY	
ADPUP 1L					
ADPUP	F080+; K250-	N 51 11 33.05	E 012 50 31.94	N 51 11.6	E 012 50.5
DP458	R	N 51 20 01.33	E 012 42 04.98	N 51 20.0	E 012 42.1
DP448	A5000+; K220-; L	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
DP447		N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
TAKOR	A3000+	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
FINAL APPROACH 26L [ILS - LOC - NDB - RNAV(GPS)]					
EKNUR 1L					
EKNUR	F200+	N 50 50 13.76	E 011 30 11.43	N 50 50.2	E 011 30.2
DP866	F080+; K250-	N 51 14 35.13	E 012 28 42.66	N 51 14.6	E 012 28.7
DP458	L	N 51 20 01.33	E 012 42 04.98	N 51 20.0	E 012 42.1
DP448	A5000+; K220-; L	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
DP447		N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
TAKOR	A3000+	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
FINAL APPROACH 26L [ILS - LOC - NDB - RNAV(GPS)]					
IBVOV 1L					
IBVOV	F180+	N 51 36 01.40	E 011 29 19.85	N 51 36.0	E 011 29.3
DP826	F080+; K250-	N 51 33 50.40	E 012 24 39.46	N 51 33.8	E 012 24.7
DP428	R	N 51 33 07.60	E 012 40 38.92	N 51 33.1	E 012 40.6
DP448	A5000+; K220-; R	N 51 26 00.25	E 012 41 25.80	N 51 26.0	E 012 41.4
DP447		N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
TAKOR	A3000+	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
FINAL APPROACH 26L [ILS - LOC - NDB - RNAV(GPS)]					
UNBIB 1L					
UNBIB	F080+; K250-	N 51 42 03.09	E 012 55 02.84	N 51 42.1	E 012 55.0
GOBAX		N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
DP848	A5000+; K220-; R	N 51 25 57.12	E 012 40 12.79	N 51 26.0	E 012 40.2
DP447		N 51 25 41.20	E 012 34 05.58	N 51 25.7	E 012 34.1
TAKOR	A3000+	N 51 25 24.25	E 012 27 42.79	N 51 25.4	E 012 27.7
FINAL APPROACH 26L [ILS - LOC - NDB - RNAV(GPS)]					

WAY POINT LIST

LEIPZIG/HALLE

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

Route Description

CODING

DISPLAY

ADPUP 1R

ADPUP	F080+; K250-	N 51 11 33.05	E 012 50 31.94	N 51 11.6	E 012 50.5
DP458	R	N 51 20 01.33	E 012 42 04.98	N 51 20.0	E 012 42.1
DP438	A5000+; K220-; L	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
DP437		N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
KOSAM	A3000+	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5

FINAL APPROACH 26R [ILS - LOC - NDB - RNAV(GPS)]

EKNUR 1R

EKNUR	F200+	N 50 50 13.76	E 011 30 11.43	N 50 50.2	E 011 30.2
DP866	F080+; K250-	N 51 14 35.13	E 012 28 42.66	N 51 14.6	E 012 28.7
DP458	L	N 51 20 01.33	E 012 42 04.98	N 51 20.0	E 012 42.1
DP438	A5000+; K220-; L	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
DP437		N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
KOSAM	A3000+	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5

FINAL APPROACH 26R [ILS - LOC - NDB - RNAV(GPS)]

IBVOV 1R

IBVOV	F180+	N 51 36 01.40	E 011 29 19.85	N 51 36.0	E 011 29.3
DP826	F080+; K250-	N 51 33 50.40	E 012 24 39.46	N 51 33.8	E 012 24.7
DP428	R	N 51 33 07.60	E 012 40 38.92	N 51 33.1	E 012 40.6
DP438	A5000+; K220-; R	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
DP437		N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
KOSAM	A3000+	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5

FINAL APPROACH 26R [ILS - LOC - NDB - RNAV(GPS)]

UNBIB 1R

UNBIB	F080+; K250-	N 51 42 03.09	E 012 55 02.84	N 51 42.1	E 012 55.0
GOBAX		N 51 33 23.84	E 012 47 02.87	N 51 33.4	E 012 47.0
DP438	A5000+; K220-; R	N 51 27 08.69	E 012 41 18.31	N 51 27.1	E 012 41.3
DP437		N 51 26 52.14	E 012 34 55.27	N 51 26.9	E 012 34.9
KOSAM	A3000+	N 51 26 35.24	E 012 28 32.31	N 51 26.6	E 012 28.5

FINAL APPROACH 26R [ILS - LOC - NDB - RNAV(GPS)]