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

Route Description

		CODING		DISPLAY	
BADSO 07					
BADSO	F100+	N 48 49 14.22	E 008 36 16.76	N 48 49.2	E 008 36.3
DS417	R	N 48 49 31.29	E 009 02 59.46	N 48 49.5	E 009 03.0
DS419	F080+; R	N 48 44 58.89	E 009 03 04.57	N 48 45.0	E 009 03.1
DS424	L	N 48 39 28.85	E 008 34 39.61	N 48 39.5	E 008 34.7
DS414	F080+; L	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					
IBIRU 07					
IBIRU		N 48 37 22.86	E 009 16 49.04	N 48 37.4	E 009 16.8
DS429	R	N 48 36 00.21	E 009 09 45.51	N 48 36.0	E 009 09.8
DS434	R	N 48 30 02.12	E 008 38 52.71	N 48 30.0	E 008 38.9
DS414	F080+; R	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					
KRH 07					
KRH		N 48 59 34.60	E 008 35 03.25	N 48 59.6	E 008 35.1
DS416	F100+; R	N 48 56 59.24	E 009 02 51.02	N 48 57.0	E 009 02.9
DS419	F080+; R	N 48 44 58.89	E 009 03 04.57	N 48 45.0	E 009 03.1
DS424	L	N 48 39 28.85	E 008 34 39.61	N 48 39.5	E 008 34.7
DS414	F080+; L	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					
LBU 07					
LBU	F100+	N 48 54 46.71	E 009 20 24.82	N 48 54.8	E 009 20.4
DS418	R	N 48 45 48.99	E 009 07 27.32	N 48 45.8	E 009 07.5
DS419	F080+	N 48 44 58.89	E 009 03 04.57	N 48 45.0	E 009 03.1
DS424	L	N 48 39 28.85	E 008 34 39.61	N 48 39.5	E 008 34.7
DS414	F080+; L	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					
NOSBU 07					
NOSBU	F100+	N 49 03 03.70	E 009 27 18.49	N 49 03.1	E 009 27.3
DS416	F100+; L	N 48 56 59.24	E 009 02 51.02	N 48 57.0	E 009 02.9
DS419	F080+; R	N 48 44 58.89	E 009 03 04.57	N 48 45.0	E 009 03.1
DS424	L	N 48 39 28.85	E 008 34 39.61	N 48 39.5	E 008 34.7
DS414	F080+; L	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					

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

Route Description

		CODING		DISPLAY	
REUTL 07					
REUTL	F100+	N 48 22 07.76	E 009 21 40.44	N 48 22.1	E 009 21.7
DS429	L	N 48 36 00.21	E 009 09 45.51	N 48 36.0	E 009 09.8
DS434	R	N 48 30 02.12	E 008 38 52.71	N 48 30.0	E 008 38.9
DS414	F080+; R	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					
TEKSI 07					
TEKSI	F100+	N 48 41 25.98	E 010 04 05.11	N 48 41.4	E 010 04.1
DS426	L	N 48 40 17.42	E 009 39 52.50	N 48 40.3	E 009 39.9
DS427	R	N 48 32 42.83	E 009 26 13.90	N 48 32.7	E 009 26.2
DS428	F100+; R	N 48 26 22.15	E 008 53 00.46	N 48 26.4	E 008 53.0
DS434	R	N 48 30 02.12	E 008 38 52.71	N 48 30.0	E 008 38.9
DS414	F080+; R	N 48 34 22.31	E 008 36 56.33	N 48 34.4	E 008 36.9
DS413	A6500+	N 48 35 30.33	E 008 42 42.89	N 48 35.5	E 008 42.7
DS412	A5500+	N 48 36 37.98	E 008 48 29.75	N 48 36.6	E 008 48.5
DS411	A4500+	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	A4000+	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
FINAL APPROACH 07 [ILS - LOC - VOR - RNAV (GPS)]					
ARSUT 25					
ARSUT		N 48 10 00.00	E 009 19 42.56	N 48 10.0	E 009 19.7
DS520	F100+; R	N 48 26 46.30	E 009 25 57.30	N 48 26.8	E 009 26.0
DS522	R	N 48 41 15.53	E 009 34 41.79	N 48 41.3	E 009 34.7
DS525	L	N 48 45 00.09	E 009 55 04.15	N 48 45.0	E 009 55.1
DS515	F080+; L	N 48 48 51.87	E 009 53 27.42	N 48 48.9	E 009 53.5
DS514	A6500+	N 48 47 15.63	E 009 44 42.76	N 48 47.3	E 009 44.7
DS513	A5500+	N 48 46 11.08	E 009 38 53.28	N 48 46.2	E 009 38.9
DS512	A4500+	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	A4000+	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
FINAL APPROACH 25 [ILS - LOC - VOR - RNAV (GPS)]					
BADSO 25					
BADSO	F100+	N 48 49 14.22	E 008 36 16.76	N 48 49.2	E 008 36.3
DS529	L	N 48 40 22.14	E 008 41 07.77	N 48 40.4	E 008 41.1
DS531	F100+	N 48 48 36.09	E 009 24 16.12	N 48 48.6	E 009 24.3
DS535	R	N 48 53 37.50	E 009 51 30.37	N 48 53.6	E 009 51.5
DS515	F080+; R	N 48 48 51.87	E 009 53 27.42	N 48 48.9	E 009 53.5
DS514	A6500+	N 48 47 15.63	E 009 44 42.76	N 48 47.3	E 009 44.7
DS513	A5500+	N 48 46 11.08	E 009 38 53.28	N 48 46.2	E 009 38.9
DS512	A4500+	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	A4000+	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
FINAL APPROACH 25 [ILS - LOC - VOR - RNAV (GPS)]					

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

Route Description

		CODING		DISPLAY	
IBIRU 25					
IBIRU		N 48 37 22.86	E 009 16 49.04	N 48 37.4	E 009 16.8
DS522	R	N 48 41 15.53	E 009 34 41.79	N 48 41.3	E 009 34.7
DS525	L	N 48 45 00.09	E 009 55 04.15	N 48 45.0	E 009 55.1
DS515	F080+; L	N 48 48 51.87	E 009 53 27.42	N 48 48.9	E 009 53.5
DS514	A6500+	N 48 47 15.63	E 009 44 42.76	N 48 47.3	E 009 44.7
DS513	A5500+	N 48 46 11.08	E 009 38 53.28	N 48 46.2	E 009 38.9
DS512	A4500+	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	A4000+	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
FINAL APPROACH 25 [ILS - LOC - VOR - RNAV (GPS)]					
LBU 25					
LBU	F100+	N 48 54 46.71	E 009 20 24.82	N 48 54.8	E 009 20.4
DS531	F100+; L	N 48 48 36.09	E 009 24 16.12	N 48 48.6	E 009 24.3
DS535	R	N 48 53 37.50	E 009 51 30.37	N 48 53.6	E 009 51.5
DS515	F080+; R	N 48 48 51.87	E 009 53 27.42	N 48 48.9	E 009 53.5
DS514	A6500+	N 48 47 15.63	E 009 44 42.76	N 48 47.3	E 009 44.7
DS513	A5500+	N 48 46 11.08	E 009 38 53.28	N 48 46.2	E 009 38.9
DS512	A4500+	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	A4000+	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
FINAL APPROACH 25 [ILS - LOC - VOR - RNAV (GPS)]					
REUTL 25					
REUTL	F100+	N 48 22 07.76	E 009 21 40.44	N 48 22.1	E 009 21.7
IBIRU	R	N 48 37 22.86	E 009 16 49.04	N 48 37.4	E 009 16.8
DS522	R	N 48 41 15.53	E 009 34 41.79	N 48 41.3	E 009 34.7
DS525	L	N 48 45 00.09	E 009 55 04.15	N 48 45.0	E 009 55.1
DS515	F080+; L	N 48 48 51.87	E 009 53 27.42	N 48 48.9	E 009 53.5
DS514	A6500+	N 48 47 15.63	E 009 44 42.76	N 48 47.3	E 009 44.7
DS513	A5500+	N 48 46 11.08	E 009 38 53.28	N 48 46.2	E 009 38.9
DS512	A4500+	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	A4000+	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
FINAL APPROACH 25 [ILS - LOC - VOR - RNAV (GPS)]					
TEKSI 25					
TEKSI	F100+	N 48 41 25.98	E 010 04 05.11	N 48 41.4	E 010 04.1
DS545	F090-; L	N 48 40 28.24	E 009 52 56.36	N 48 40.5	E 009 52.9
DS542	R	N 48 37 24.77	E 009 36 19.30	N 48 37.4	E 009 36.3
DS522	R	N 48 41 15.53	E 009 34 41.79	N 48 41.3	E 009 34.7
DS525	L	N 48 45 00.09	E 009 55 04.15	N 48 45.0	E 009 55.1
DS515	F080+; L	N 48 48 51.87	E 009 53 27.42	N 48 48.9	E 009 53.5
DS514	A6500+	N 48 47 15.63	E 009 44 42.76	N 48 47.3	E 009 44.7
DS513	A5500+	N 48 46 11.08	E 009 38 53.28	N 48 46.2	E 009 38.9
DS512	A4500+	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	A4000+	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
FINAL APPROACH 25 [ILS - LOC - VOR - RNAV (GPS)]					

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

Additional Way Points

IDENT	CODING		DISPLAY	
DS421	N 48 42 51.67	E 008 52 01.72	N 48 42.9	E 008 52.0
DS422	N 48 41 44.43	E 008 46 14.30	N 48 41.7	E 008 46.2
DS423	N 48 40 36.76	E 008 40 26.84	N 48 40.6	E 008 40.4
DS431	N 48 33 24.16	E 008 56 11.27	N 48 33.4	E 008 56.2
DS432	N 48 32 17.11	E 008 50 24.66	N 48 32.3	E 008 50.4
DS433	N 48 31 12.52	E 008 44 38.22	N 48 31.2	E 008 44.6
DS523	N 48 42 20.06	E 009 40 30.85	N 48 42.3	E 009 40.5
DS524	N 48 43 24.57	E 009 46 19.88	N 48 43.4	E 009 46.3
DS530	N 48 46 28.79	E 009 13 00.00	N 48 46.5	E 009 13.0
DS532	N 48 49 52.35	E 009 31 05.13	N 48 49.9	E 009 31.1
DS533	N 48 50 56.99	E 009 36 54.65	N 48 50.9	E 009 36.9
DS534	N 48 52 01.37	E 009 42 44.78	N 48 52.0	E 009 42.7
DS543	N 48 38 29.22	E 009 42 07.93	N 48 38.5	E 009 42.1
DS544	N 48 39 33.64	E 009 47 56.53	N 48 39.6	E 009 47.9

		CODING		DISPLAY	
RNAV (GPS) Approach to RWY 25 from LBU					
LBU	(IAF)	N 48 54 46.71	E 009 20 24.82	N 48 54.8	E 009 20.4
DS511	(TF)	N 48 48 56.83	E 009 31 25.71	N 48 48.9	E 009 31.4
DS512	(IF)	N 48 45 06.19	E 009 33 03.91	N 48 45.1	E 009 33.1
UNSER	(FAF)	N 48 44 01.68	E 009 27 14.67	N 48 44.0	E 009 27.2
RW25	(MAPt)	N 48 41 38.46	E 009 14 37.69	N 48 41.6	E 009 14.6
DS046	(MATF)	N 48 40 09.28	E 009 06 51.13	N 48 40.2	E 009 06.9
DS510	(MATF)	N 48 36 52.41	E 009 10 29.58	N 48 36.9	E 009 10.5
STG	(MATF)	N 48 41 47.14	E 009 15 23.57	N 48 41.8	E 009 15.4
LBU	(MAHF)	N 48 54 46.71	E 009 20 24.82	N 48 54.8	E 009 20.4
RNAV (GPS) Approach to RWY 07 from LBU					
LBU	(IAF)	N 48 54 46.71	E 009 20 24.82	N 48 54.8	E 009 20.4
DS420	(TF)	N 48 41 35.16	E 008 52 35.80	N 48 41.6	E 008 52.6
DS411	(IF)	N 48 37 45.09	E 008 54 16.61	N 48 37.8	E 008 54.3
VATER	(FAF)	N 48 38 52.11	E 009 00 04.01	N 48 38.9	E 009 00.1
RW07	(MAPt)	N 48 41 11.32	E 009 12 14.56	N 48 41.2	E 009 12.2
DS031	(MATF)	N 48 43 19.69	E 009 23 32.30	N 48 43.3	E 009 23.5
DS425	(MATF)	N 48 47 07.91	E 009 26 06.13	N 48 47.1	E 009 26.1
LBU	(MAHF)	N 48 54 46.71	E 009 20 24.82	N 48 54.8	E 009 20.4

GPS/FMS RNAV DEPARTURE ROUTES (OVERLAY)

IDENT	CODING		DISPLAY	
DS030	N 48 42 40.64	E 009 20 06.15	N 48 42.7	E 009 20.1
DS031	N 48 43 19.69	E 009 23 32.30	N 48 43.3	E 009 23.5
DS032	N 48 44 29.65	E 009 29 42.15	N 48 44.5	E 009 29.7
DS033	N 48 41 17.61	E 009 24 01.41	N 48 41.3	E 009 24.0
DS034	N 48 38 38.86	E 009 22 03.80	N 48 38.6	E 009 22.1
DS035	N 48 44 52.90	E 009 31 47.06	N 48 44.9	E 009 31.8
DS036	N 48 42 42.89	E 009 20 17.81	N 48 42.7	E 009 20.3
DS037	N 48 41 17.49	E 009 20 26.36	N 48 41.3	E 009 20.4
DS038	N 48 47 04.87	E 009 26 04.72	N 48 47.1	E 009 26.1
DS040	N 48 41 23.32	E 009 04 02.53	N 48 41.4	E 009 04.0
DS041	N 48 46 04.23	E 009 01 39.54	N 48 46.1	E 009 01.7
DS042	N 48 47 24.90	E 009 00 58.09	N 48 47.4	E 009 01.0
DS043	N 48 48 02.56	E 009 00 35.97	N 48 48.0	E 009 00.6
DS044	N 48 39 52.37	E 009 05 23.28	N 48 39.9	E 009 05.4
DS045	N 48 31 24.54	E 009 00 45.39	N 48 31.4	E 009 00.8
DS046	N 48 40 09.28	E 009 06 51.13	N 48 40.2	E 009 06.9
DS047	N 48 38 51.64	E 009 05 43.74	N 48 38.9	E 009 05.7
DS048	N 48 36 45.09	E 009 07 35.18	N 48 36.8	E 009 07.6
DS049	N 48 37 04.79	E 008 50 50.31	N 48 37.1	E 008 50.8
DS050	N 48 40 14.93	E 009 07 20.55	N 48 40.2	E 009 07.3
DS051	N 49 03 53.38	E 009 55 46.45	N 49 03.9	E 009 55.8
DS052	N 48 37 16.47	E 009 06 19.57	N 48 37.3	E 009 06.3
DS053	N 48 36 56.88	E 009 08 06.08	N 48 36.9	E 009 08.1
ABGAN	N 48 57 29.40	E 008 55 01.75	N 48 57.5	E 008 55.0
ABTAL	N 48 51 16.68	E 010 06 25.42	N 48 51.3	E 010 06.4
ETASA	N 49 11 26.86	E 009 07 42.25	N 49 11.4	E 009 07.7
GEBNO	N 49 10 00.08	E 009 55 56.25	N 49 10.0	E 009 55.9
KEMAV	N 48 58 34.97	E 009 55 37.98	N 48 58.6	E 009 55.6
KOVAN	N 48 52 56.59	E 009 05 03.45	N 48 52.9	E 009 05.1
TEDGO	N 48 37 06.27	E 009 15 33.15	N 48 37.1	E 009 15.6
NOTGA	N 48 57 22.00	E 009 30 23.00	N 48 57.4	E 009 30.4
OKIBA	N 49 12 53.11	E 009 18 58.05	N 49 12.9	E 009 19.0
ROTWE	N 48 30 47.80	E 008 40 28.60	N 48 30.8	E 008 40.5
TAGIK	N 49 11 42.81	E 008 56 59.02	N 49 11.7	E 008 57.0
VESID	N 49 09 58.27	E 008 47 33.31	N 49 10.0	E 008 47.6

THRESHOLD COORDINATES

THR	CODING		DISPLAY	
RWY 07	N 48 41 11.32	E 009 12 14.56	N 48 41.2	E 009 12.2
RWY 25	N 48 41 38.46	E 009 14 37.69	N 48 41.6	E 009 14.6