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

Route Description

		CODING		DISPLAY	
UPALA 10					
UPALA		N 49 12 51.74	E 011 13 17.17	N 49 12.9	E 011 13.3
DN463	R	N 49 17 34.62	E 011 06 56.94	N 49 17.6	E 011 06.9
DN455	K240-; L	N 49 23 30.08	E 011 08 19.48	N 49 23.5	E 011 08.3
DN454	F080+	N 49 24 35.15	E 010 57 17.41	N 49 24.6	E 010 57.3
DN453	K220-	N 49 25 32.24	E 010 47 26.72	N 49 25.5	E 010 47.4
DN450	R	N 49 27 15.34	E 010 29 15.28	N 49 27.3	E 010 29.3
DN430	A5000+; R	N 49 33 11.29	E 010 30 33.38	N 49 33.2	E 010 30.6
VENUB	A4200+	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
FINAL APPROACH 10 [ILS - LOC - VOR - RNAV (GPS)]					
DODAS 10					
DODAS		N 49 48 35.41	E 010 42 16.28	N 49 48.6	E 010 42.3
DN411	L	N 49 43 54.33	E 010 45 22.85	N 49 43.9	E 010 45.4
DN413	R	N 49 41 16.46	E 011 12 29.18	N 49 41.3	E 011 12.5
DN425	K240-; R	N 49 35 21.00	E 011 11 05.60	N 49 35.4	E 011 11.1
DN424	F080+	N 49 36 26.35	E 011 00 00.82	N 49 36.4	E 011 00.0
DN423	K220-	N 49 37 23.68	E 010 50 07.72	N 49 37.4	E 010 50.1
DN420	L	N 49 39 07.23	E 010 31 51.81	N 49 39.1	E 010 31.9
DN430	A5000+; L	N 49 33 11.29	E 010 30 33.38	N 49 33.2	E 010 30.6
VENUB	A4200+	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
FINAL APPROACH 10 [ILS - LOC - VOR - RNAV (GPS)]					
DOSIS 10					
DOSIS		N 49 14 18.91	E 011 24 24.03	N 49 14.3	E 011 24.4
DN456	L	N 49 22 31.14	E 011 18 09.32	N 49 22.5	E 011 18.2
DN455	K240-	N 49 23 30.08	E 011 08 19.48	N 49 23.5	E 011 08.3
DN454	F080+	N 49 24 35.15	E 010 57 17.41	N 49 24.6	E 010 57.3
DN453	K220-	N 49 25 32.24	E 010 47 26.72	N 49 25.5	E 010 47.4
DN450	R	N 49 27 15.34	E 010 29 15.28	N 49 27.3	E 010 29.3
DN430	A5000+; R	N 49 33 11.29	E 010 30 33.38	N 49 33.2	E 010 30.6
VENUB	A4200+	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
FINAL APPROACH 10 [ILS - LOC - VOR - RNAV (GPS)]					
LETKU 10					
LETKU		N 49 20 51.31	E 010 33 12.83	N 49 20.9	E 010 33.2
DN463	L	N 49 17 34.62	E 011 06 56.94	N 49 17.6	E 011 06.9
DN455	K240-; L	N 49 23 30.08	E 011 08 19.48	N 49 23.5	E 011 08.3
DN454	F080+	N 49 24 35.15	E 010 57 17.41	N 49 24.6	E 010 57.3
DN453	K220-	N 49 25 32.24	E 010 47 26.72	N 49 25.5	E 010 47.4
DN450	R	N 49 27 15.34	E 010 29 15.28	N 49 27.3	E 010 29.3
DN430	A5000+; R	N 49 33 11.29	E 010 30 33.38	N 49 33.2	E 010 30.6
VENUB	A4200+	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
FINAL APPROACH 10 [ILS - LOC - VOR - RNAV (GPS)]					
PIVIR 10					
PIVIR		N 49 40 01.49	E 011 24 57.83	N 49 40.0	E 011 25.0
DN426	R	N 49 34 21.81	E 011 20 57.84	N 49 34.4	E 011 21.0
DN425	K240-	N 49 35 21.00	E 011 11 05.60	N 49 35.4	E 011 11.1
DN424	F080+	N 49 36 26.35	E 011 00 00.82	N 49 36.4	E 011 00.0
DN423	K220-	N 49 37 23.68	E 010 50 07.72	N 49 37.4	E 010 50.1
DN420	L	N 49 39 07.23	E 010 31 51.81	N 49 39.1	E 010 31.9
DN430	A5000+; L	N 49 33 11.29	E 010 30 33.38	N 49 33.2	E 010 30.6
VENUB	A4200+	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
FINAL APPROACH 10 [ILS - LOC - VOR - RNAV (GPS)]					

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

Route Description

		CODING		DISPLAY	
UPALA 28					
UPALA		N 49 12 51.74	E 011 13 17.17	N 49 12.9	E 011 13.3
DN463	L	N 49 17 34.62	E 011 06 56.94	N 49 17.6	E 011 06.9
DN461	R	N 49 20 11.14	E 010 40 03.83	N 49 20.2	E 010 40.1
DN452	K240-; R	N 49 26 06.93	E 010 41 23.09	N 49 26.1	E 010 41.4
DN456	K220-	N 49 22 31.14	E 011 18 09.32	N 49 22.5	E 011 18.2
DN459	F080+; L	N 49 20 40.07	E 011 36 17.08	N 49 20.7	E 011 36.3
DN436	L	N 49 26 35.17	E 011 37 43.37	N 49 26.6	E 011 37.7
DN435	A5200+	N 49 27 12.61	E 011 31 40.14	N 49 27.2	E 011 31.7
OSNUB	A4000+	N 49 28 26.48	E 011 19 33.40	N 49 28.4	E 011 19.6
FINAL APPROACH 28 [ILS - LOC - VOR - RNAV (GPS)]					
DODAS 28					
DODAS		N 49 48 35.41	E 010 42 16.28	N 49 48.6	E 010 42.3
DN422	K240-; L	N 49 37 58.53	E 010 44 02.60	N 49 38.0	E 010 44.0
DN425	F080+	N 49 35 21.00	E 011 11 05.60	N 49 35.4	E 011 11.1
DN426	K220-	N 49 34 21.81	E 011 20 57.84	N 49 34.4	E 011 21.0
DN429	R	N 49 32 30.27	E 011 39 10.03	N 49 32.5	E 011 39.2
DN436	R	N 49 26 35.17	E 011 37 43.37	N 49 26.6	E 011 37.7
DN435	A5200+	N 49 27 12.61	E 011 31 40.14	N 49 27.2	E 011 31.7
OSNUB	A4000+	N 49 28 26.48	E 011 19 33.40	N 49 28.4	E 011 19.6
FINAL APPROACH 28 [ILS - LOC - VOR - RNAV (GPS)]					
DOSIS 28					
DOSIS		N 49 14 18.91	E 011 24 24.03	N 49 14.3	E 011 24.4
DN464	L	N 49 16 35.81	E 011 16 45.58	N 49 16.6	E 011 16.8
DN461	R	N 49 20 11.14	E 010 40 03.83	N 49 20.2	E 010 40.1
DN452	K240-; R	N 49 26 06.93	E 010 41 23.09	N 49 26.1	E 010 41.4
DN456	K220-	N 49 22 31.14	E 011 18 09.32	N 49 22.5	E 011 18.2
DN459	F080+; L	N 49 20 40.07	E 011 36 17.08	N 49 20.7	E 011 36.3
DN436	L	N 49 26 35.17	E 011 37 43.37	N 49 26.6	E 011 37.7
DN435	A5200+	N 49 27 12.61	E 011 31 40.14	N 49 27.2	E 011 31.7
OSNUB	A4000+	N 49 28 26.48	E 011 19 33.40	N 49 28.4	E 011 19.6
FINAL APPROACH 28 [ILS - LOC - VOR - RNAV (GPS)]					
LETKU 28					
LETKU		N 49 20 51.31	E 010 33 12.83	N 49 20.9	E 010 33.2
DN452	K240-; R	N 49 26 06.93	E 010 41 23.09	N 49 26.1	E 010 41.4
DN456	K220-	N 49 22 31.14	E 011 18 09.32	N 49 22.5	E 011 18.2
DN459	F080+; L	N 49 20 40.07	E 011 36 17.08	N 49 20.7	E 011 36.3
DN436	L	N 49 26 35.17	E 011 37 43.37	N 49 26.6	E 011 37.7
DN435	A5200+	N 49 27 12.61	E 011 31 40.14	N 49 27.2	E 011 31.7
OSNUB	A4000+	N 49 28 26.48	E 011 19 33.40	N 49 28.4	E 011 19.6
FINAL APPROACH 28 [ILS - LOC - VOR - RNAV (GPS)]					
PIVIR 28					
PIVIR		N 49 40 01.49	E 011 24 57.83	N 49 40.0	E 011 25.0
DN411	L	N 49 43 54.33	E 010 45 22.85	N 49 43.9	E 010 45.4
DN422	K240-; L	N 49 37 58.53	E 010 44 02.60	N 49 38.0	E 010 44.0
DN425	F080+	N 49 35 21.00	E 011 11 05.60	N 49 35.4	E 011 11.1
DN426	K220-	N 49 34 21.81	E 011 20 57.84	N 49 34.4	E 011 21.0
DN429	R	N 49 32 30.27	E 011 39 10.03	N 49 32.5	E 011 39.2
DN436	R	N 49 26 35.17	E 011 37 43.37	N 49 26.6	E 011 37.7
DN435	A5200+	N 49 27 12.61	E 011 31 40.14	N 49 27.2	E 011 31.7
OSNUB	A4000+	N 49 28 26.48	E 011 19 33.40	N 49 28.4	E 011 19.6
FINAL APPROACH 28 [ILS - LOC - VOR - RNAV (GPS)]					

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

Additional Way Points

IDENT	CODING		DISPLAY	
DN412	N 49 42 21.95	E 011 01 23.04	N 49 42.4	E 011 01.4
DN421	N 49 38 33.04	E 010 37 57.33	N 49 38.6	E 010 38.0
DN427	N 49 33 44.96	E 011 27 02.03	N 49 33.7	E 011 27.0
DN428	N 49 33 07.78	E 011 33 06.06	N 49 33.1	E 011 33.1
DN431	N 49 32 37.17	E 010 36 38.15	N 49 32.6	E 010 36.6
DN432	N 49 32 02.73	E 010 42 42.68	N 49 32.0	E 010 42.7
DN434	N 49 27 49.71	E 011 25 36.85	N 49 27.8	E 011 25.6
DN451	N 49 26 41.30	E 010 35 19.31	N 49 26.7	E 010 35.3
DN457	N 49 21 54.45	E 011 24 12.03	N 49 21.9	E 011 24.2
DN458	N 49 21 17.43	E 011 30 14.58	N 49 21.3	E 011 30.2
DN462	N 49 18 39.55	E 010 55 56.21	N 49 18.7	E 010 55.9

	CODING		DISPLAY	
RNAV (GPS) Approach to RWY 10 from ERL				
ERL (IAF)	N 49 39 19.49	E 011 09 02.92	N 49 39.3	E 011 09.0
DN424 (TF)	N 49 36 26.35	E 011 00 00.82	N 49 36.4	E 011 00.0
DN423	N 49 37 23.68	E 010 50 07.72	N 49 37.4	E 010 50.1
DN422 (TF)	N 49 37 58.53	E 010 44 02.60	N 49 38.0	E 010 44.0
DN432 (IF)	N 49 32 02.73	E 010 42 42.68	N 49 32.0	E 010 42.7
VENUB (FAF)	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
RW10 (MAPt)	N 49 30 01.98	E 011 03 33.01	N 49 30.0	E 011 03.6
DN490 (MATF)	N 49 28 58.62	E 011 14 12.83	N 49 29.0	E 011 14.2
DN491 (MATF)	N 49 24 15.00	E 011 10 19.23	N 49 24.2	E 011 10.3
NUB (MAHF)	N 49 30 10.59	E 011 02 05.19	N 49 30.2	E 011 02.1
RNAV (GPS) Approach to RWY 10 from NUB				
NUB (IAF)	N 49 30 10.59	E 011 02 05.19	N 49 30.2	E 011 02.1
DN423 (TF)	N 49 37 23.68	E 010 50 07.72	N 49 37.4	E 010 50.1
DN422 (TF)	N 49 37 58.53	E 010 44 02.60	N 49 38.0	E 010 44.0
DN432 (IF)	N 49 32 02.73	E 010 42 42.68	N 49 32.0	E 010 42.7
VENUB (FAF)	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
RW10 (MAPt)	N 49 30 01.98	E 011 03 33.01	N 49 30.0	E 011 03.6
DN490 (MATF)	N 49 28 58.62	E 011 14 12.83	N 49 29.0	E 011 14.2
DN491 (MATF)	N 49 24 15.00	E 011 10 19.23	N 49 24.2	E 011 10.3
NUB (MAHF)	N 49 30 10.59	E 011 02 05.19	N 49 30.2	E 011 02.1
RNAV (GPS) Approach to RWY 10 from UPALA				
UPALA (IAF)	N 49 12 51.74	E 011 13 17.17	N 49 12.9	E 011 13.3
DN455 (TF)	N 49 23 30.08	E 011 08 19.48	N 49 23.5	E 011 08.3
DN454	N 49 24 35.15	E 010 57 17.41	N 49 24.6	E 010 57.3
DN453	N 49 25 32.24	E 010 47 26.72	N 49 25.5	E 010 47.4
DN452 (TF)	N 49 26 06.93	E 010 41 23.09	N 49 26.1	E 010 41.4
DN432 (IF)	N 49 32 02.73	E 010 42 42.68	N 49 32.0	E 010 42.7
VENUB (FAF)	N 49 31 27.96	E 010 48 47.05	N 49 31.5	E 010 48.8
RW10 (MAPt)	N 49 30 01.98	E 011 03 33.01	N 49 30.0	E 011 03.6
DN490 (MATF)	N 49 28 58.62	E 011 14 12.83	N 49 29.0	E 011 14.2
DN491 (MATF)	N 49 24 15.00	E 011 10 19.23	N 49 24.2	E 011 10.3
NUB (MAHF)	N 49 30 10.59	E 011 02 05.19	N 49 30.2	E 011 02.1

GPS/FMS RNAV DEPARTURE ROUTES (OVERLAY)

IDENT	CODING		DISPLAY	
DN100	N 49 29 25.49	E 011 10 05.05	N 49 29.4	E 011 10.1
DN101	N 49 31 22.80	E 011 12 40.23	N 49 31.4	E 011 12.7
DN102	N 49 28 43.89	E 011 17 40.72	N 49 28.7	E 011 17.7
DN103	N 49 30 55.69	E 011 20 47.09	N 49 30.9	E 011 20.8
DN104	N 49 07 51.60	E 010 43 27.47	N 49 07.9	E 010 43.5
DN105	N 49 18 38.18	E 011 13 57.60	N 49 18.6	E 011 14.0
DN106	N 49 14 29.35	E 010 48 57.40	N 49 14.5	E 010 49.0
DN108	N 49 29 44.51	E 011 06 34.75	N 49 29.7	E 011 06.6
DN109	N 49 15 16.17	E 010 53 36.79	N 49 15.3	E 010 53.6
DN112	N 49 30 34.31	E 011 08 08.81	N 49 30.6	E 011 08.1
DN280	N 49 30 43.98	E 010 56 22.80	N 49 30.7	E 010 56.4
DN281	N 49 29 06.54	E 010 53 26.63	N 49 29.1	E 010 53.4
DN282	N 49 30 49.33	E 010 55 27.67	N 49 30.8	E 010 55.5
DN283	N 49 37 08.27	E 010 55 37.85	N 49 37.1	E 010 55.6
DN285	N 49 41 46.43	E 010 55 45.35	N 49 41.8	E 010 55.8
DN286	N 49 42 06.66	E 010 55 45.50	N 49 42.1	E 010 55.8
DN287	N 49 32 42.93	E 010 35 36.73	N 49 32.7	E 010 35.6
DN289	N 49 23 45.79	E 010 53 20.10	N 49 23.8	E 010 53.3
DN290	N 49 31 24.18	E 010 49 26.40	N 49 31.4	E 010 49.4
DN291	N 49 29 22.41	E 010 45 46.97	N 49 29.4	E 010 45.8
DN293	N 49 31 37.14	E 011 01 06.28	N 49 31.6	E 011 01.1
DN294	N 49 15 02.42	E 010 55 56.39	N 49 15.0	E 010 55.9
AGIKO	N 49 35 34.58	E 011 19 09.83	N 49 35.6	E 011 19.2
AKANU	N 49 03 03.00	E 010 39 29.16	N 49 03.0	E 010 39.5
BABAV	N 49 50 21.43	E 011 06 40.89	N 49 50.4	E 011 06.7
BAMAS	N 49 52 47.82	E 011 02 44.99	N 49 52.8	E 011 02.7
BOLSI	N 49 13 54.56	E 010 45 30.63	N 49 13.9	E 010 45.5
EMKIR	N 49 27 02.79	E 010 34 39.62	N 49 27.0	E 010 34.7
ERETO	N 49 55 51.60	E 011 24 29.57	N 49 55.9	E 011 24.5
GUNBI	N 49 07 42.76	E 010 45 51.70	N 49 07.7	E 010 45.9
IBAGA	N 49 44 38.58	E 010 33 35.27	N 49 44.6	E 010 33.6
MOOCE	N 49 33 59.48	E 011 32 47.66	N 49 34.0	E 011 32.8
RODIS	N 49 28 27.68	E 011 56 59.33	N 49 28.5	E 011 57.0
SUKAD	N 49 33 03.50	E 010 31 56.92	N 49 33.1	E 010 31.9
SULUS	N 50 04 30.69	E 010 43 43.71	N 50 04.5	E 010 43.7
RUDNO	N 49 20 09.00	E 012 32 29.03	N 49 20.2	E 012 32.5

THRESHOLD COORDINATES

THR	CODING		DISPLAY	
RWY 10	N 49 30 01.98	E 011 03 33.01	N 49 30.0	E 011 03.6
RWY 28	N 49 29 48.93	E 011 05 45.69	N 49 29.8	E 011 05.8

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