

WAY POINT LIST

ERFURT-WEIMAR

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

Route Description

NARUS 10

		CODING		DISPLAY	
NARUS		N 50 40 05.90	E 011 10 53.56	N 50 40.1	E 011 10.9
DE470	F080+	N 50 50 30.74	E 010 59 56.89	N 50 50.5	E 010 59.9
DE453	L	N 50 53 50.12	E 010 56 26.08	N 50 53.8	E 010 56.4
DE452	F070+	N 50 54 33.71	E 010 47 16.05	N 50 54.6	E 010 47.3
DE450	R	N 50 55 32.18	E 010 34 42.70	N 50 55.5	E 010 34.7
DE430	R	N 51 00 29.85	E 010 35 39.95	N 51 00.5	E 010 35.7
BULEM	A4000+	N 51 00 00.73	E 010 41 57.40	N 51 00.0	E 010 42.0
FINAL APPROACH 10 [ILS - LOC - NDB - RNAV (GPS)]					

RELKO 10

RELKO		N 51 03 35.22	E 011 29 01.53	N 51 03.6	E 011 29.0
DE428	R	N 51 01 44.96	E 011 22 54.55	N 51 01.7	E 011 22.9
DE422	F070+	N 51 04 28.82	E 010 49 13.43	N 51 04.5	E 010 49.2
DE420	L	N 51 05 27.51	E 010 36 37.41	N 51 05.5	E 010 36.6
DE430	L	N 51 00 29.85	E 010 35 39.95	N 51 00.5	E 010 35.7
BULEM	A4000+	N 51 00 00.73	E 010 41 57.40	N 51 00.0	E 010 42.0
FINAL APPROACH 10 [ILS - LOC - NDB - RNAV (GPS)]					

ROBEL 10

ROBEL		N 50 53 51.00	E 010 26 06.18	N 50 53.8	E 010 26.1
DE460	A6000+	N 50 54 52.54	E 010 31 19.88	N 50 54.9	E 010 31.3
DE450	L	N 50 55 32.18	E 010 34 42.70	N 50 55.5	E 010 34.7
DE430	R	N 51 00 29.85	E 010 35 39.95	N 51 00.5	E 010 35.7
BULEM	A4000+	N 51 00 00.73	E 010 41 57.40	N 51 00.0	E 010 42.0
FINAL APPROACH 10 [ILS - LOC - NDB - RNAV (GPS)]					

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

Route Description

NARUS 28

		CODING		DISPLAY	
NARUS		N 50 40 05.90	E 011 10 53.56	N 50 40.1	E 011 10.9
DE480	F080+; R	N 50 49 10.82	E 010 57 57.74	N 50 49.2	E 010 58.0
DE454	F070+; R	N 50 53 38.48	E 010 58 51.38	N 50 53.6	E 010 58.9
DE457	L	N 50 51 50.44	E 011 20 50.03	N 50 51.8	E 011 20.8
DE437	L	N 50 56 47.70	E 011 21 52.18	N 50 56.8	E 011 21.9
ENORO	A4000+	N 50 57 32.44	E 011 12 52.57	N 50 57.5	E 011 12.9
FINAL APPROACH 28 [ILS - LOC - RNAV (GPS)]					

RELKO 28

RELKO		N 51 03 35.22	E 011 29 01.53	N 51 03.6	E 011 29.0
DE410	A5000+	N 50 59 10.49	E 011 24 22.32	N 50 59.2	E 011 24.4
DE437	R	N 50 56 47.70	E 011 21 52.18	N 50 56.8	E 011 21.9
ENORO	A4000+	N 50 57 32.44	E 011 12 52.57	N 50 57.5	E 011 12.9
FINAL APPROACH 28 [ILS - LOC - RNAV (GPS)]					

ROBEL 28

ROBEL		N 50 53 51.00	E 010 26 06.18	N 50 53.8	E 010 26.1
DE450	R	N 50 55 32.18	E 010 34 42.70	N 50 55.5	E 010 34.7
DE454	F070+	N 50 53 38.48	E 010 58 51.38	N 50 53.6	E 010 58.9
DE457	L	N 50 51 50.44	E 011 20 50.03	N 50 51.8	E 011 20.8
DE437	L	N 50 56 47.70	E 011 21 52.18	N 50 56.8	E 011 21.9
ENORO	A4000+	N 50 57 32.44	E 011 12 52.57	N 50 57.5	E 011 12.9
FINAL APPROACH 28 [ILS - LOC - RNAV (GPS)]					

WAY POINT LIST

ERFURT-WEIMAR

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

Additional Way Points

IDENT	CODING		DISPLAY	
DE421	N 51 04 58.34	E 010 42 55.49	N 51 05.0	E 010 42.9
DE423	N 51 03 45.08	E 010 58 25.41	N 51 03.8	E 010 58.4
DE425	N 51 03 00.64	E 011 07 36.59	N 51 03.0	E 011 07.6
DE426	N 51 02 29.78	E 011 13 53.99	N 51 02.5	E 011 13.9
DE451	N 50 55 03.12	E 010 40 59.44	N 50 55.1	E 010 41.0
DE455	N 50 53 05.85	E 011 05 35.30	N 50 53.1	E 011 05.6
DE456	N 50 52 35.10	E 011 11 51.37	N 50 52.6	E 011 11.9

	CODING		DISPLAY	
RNAV (GPS) Approach to RWY 10 from ERF				
ERF (IAF)	N 50 57 03.13	E 011 14 12.06	N 50 57.1	E 011 14.2
DE422 (TF)	N 51 04 28.82	E 010 49 13.43	N 51 04.5	E 010 49.2
DE420 (TF)	N 51 05 27.51	E 010 36 37.41	N 51 05.5	E 010 36.6
DE430 (IF)	N 51 00 29.85	E 010 35 39.95	N 51 00.5	E 010 35.7
BULEM (FAF)	N 51 00 00.73	E 010 41 57.40	N 51 00.0	E 010 42.0
RW10 (MAPt)	N 50 58 52.60	E 010 56 23.04	N 50 58.9	E 010 56.4
ERF (MAHF)	N 50 57 03.13	E 011 14 12.06	N 50 57.1	E 011 14.2

RNAV (GPS) Approach to RWY 10 from ROBEL				
ROBEL (IAF)	N 50 53 51.00	E 010 26 06.18	N 50 53.8	E 010 26.1
DE460 (TF)	N 50 54 52.54	E 010 31 19.88	N 50 54.9	E 010 31.3
DE450 (TF)	N 50 55 32.18	E 010 34 42.70	N 50 55.5	E 010 34.7
DE430 (IF)	N 51 00 29.85	E 010 35 39.95	N 51 00.5	E 010 35.7
BULEM (FAF)	N 51 00 00.73	E 010 41 57.40	N 51 00.0	E 010 42.0
RW10 (MAPt)	N 50 58 52.60	E 010 56 23.04	N 50 58.9	E 010 56.4
ERF (MAHF)	N 50 57 03.13	E 011 14 12.06	N 50 57.1	E 011 14.2

RNAV (GPS) Approach to RWY 28 from ERF				
ERF (IAF)	N 50 57 03.13	E 011 14 12.06	N 50 57.1	E 011 14.2
DE427 (TF)	N 51 02 22.80	E 011 15 18.72	N 51 02.4	E 011 15.3
DE428 (TF)	N 51 01 44.96	E 011 22 54.55	N 51 01.7	E 011 22.9
DE437 (IF)	N 50 56 47.70	E 011 21 52.18	N 50 56.8	E 011 21.9
ENORO (FAF)	N 50 57 32.44	E 011 12 52.57	N 50 57.5	E 011 12.9
RW28 (MAPt)	N 50 58 42.89	E 010 58 24.57	N 50 58.7	E 010 58.4
DE491 (MATF)	N 50 59 13.78	E 010 51 56.34	N 50 59.2	E 010 51.9
DE492 (MATF)	N 51 03 06.47	E 010 51 21.05	N 51 03.1	E 010 51.4
DE493 (MATF)	N 51 04 06.55	E 010 56 14.87	N 51 04.1	E 010 56.2
DE494 (MATF)	N 51 02 20.46	E 011 00 45.96	N 51 02.3	E 011 00.8
ERF (MAHF)	N 50 57 03.13	E 011 14 12.06	N 50 57.1	E 011 14.2

RNAV (GPS) Approach to RWY 28 from ROBEL				
ROBEL (IAF)	N 50 53 51.00	E 010 26 06.18	N 50 53.8	E 010 26.1
DE423 (TF)	N 51 03 45.08	E 010 58 25.41	N 51 03.8	E 010 58.4
DE427 (TF)	N 51 02 22.80	E 011 15 18.72	N 51 02.4	E 011 15.3
DE428 (TF)	N 51 01 44.96	E 011 22 54.55	N 51 01.7	E 011 22.9
DE437 (IF)	N 50 56 47.70	E 011 21 52.18	N 50 56.8	E 011 21.9
ENORO (FAF)	N 50 57 32.44	E 011 12 52.57	N 50 57.5	E 011 12.9
RW28 (MAPt)	N 50 58 42.89	E 010 58 24.57	N 50 58.7	E 010 58.4
DE491 (MATF)	N 50 59 13.78	E 010 51 56.34	N 50 59.2	E 010 51.9
DE492 (MATF)	N 51 03 06.47	E 010 51 21.05	N 51 03.1	E 010 51.4
DE493 (MATF)	N 51 04 06.55	E 010 56 14.87	N 51 04.1	E 010 56.2
DE494 (MATF)	N 51 02 20.46	E 011 00 45.96	N 51 02.3	E 011 00.8
ERF (MAHF)	N 50 57 03.13	E 011 14 12.06	N 50 57.1	E 011 14.2

WAY POINT LIST

ERFURT-WEIMAR

GPS/FMS RNAV DEPARTURE ROUTES (OVERLAY)

IDENT	CODING		DISPLAY	
DE281	N 50 59 34.34	E 010 47 35.57	N 50 59.6	E 010 47.6
DE282	N 51 04 14.74	E 010 48 30.51	N 51 04.2	E 010 48.5
DE283	N 51 03 37.78	E 010 56 18.75	N 51 03.6	E 010 56.3
DE284	N 51 03 58.65	E 010 46 16.21	N 51 04.0	E 010 46.3
DE285	N 51 06 46.83	E 010 54 31.33	N 51 06.8	E 010 54.5
DE286	N 50 58 58.70	E 010 52 42.84	N 50 59.0	E 010 52.7
DE287	N 51 02 02.13	E 010 51 24.28	N 51 02.0	E 010 51.4
DE288	N 51 04 31.50	E 010 57 22.14	N 51 04.5	E 010 57.4
DE289	N 51 02 13.25	E 010 52 06.80	N 51 02.2	E 010 52.1
DE290	N 51 02 44.33	E010 55 24.69	N 51 02.7	E 010 55.4
DE101	N 50 58 09.47	E 011 03 44.35	N 50 58.2	E 011 03.7
DE102	N 51 01 11.48	E 011 05 51.53	N 51 01.2	E 011 05.9
DE103	N 50 57 35.16	E 011 09 10.19	N 50 57.6	E 011 09.2
DE104	N 50 54 16.66	E 011 11 36.54	N 50 54.3	E 011 11.6
DE105	N 50 57 40.70	E 011 08 17.79	N 50 57.7	E 011 08.3
DE106	N 51 00 30.30	E 011 11 45.95	N 51 00.5	E 011 11.8
DE107	N 50 50 09.99	E 011 07 46.75	N 50 50.2	E 011 07.8
DE108	N 50 49 50.82	E 011 19 38.72	N 50 49.8	E 011 19.6
ABGOT	N 50 59 04.92	E 010 38 03.74	N 50 59.1	E 010 38.1
ANIBI	N 51 05 59.22	E 010 44 44.94	N 51 06.0	E 010 44.7
BAMKI	N 50 43 05.03	E 011 01 12.75	N 50 43.1	E 011 01.2
BETKO	N 50 59 06.57	E 010 33 11.00	N 50 59.1	E 010 33.2
ERSIL	N 51 03 02.09	E 010 17 11.77	N 51 03.0	E 010 17.2
LASTO	N 51 07 44.49	E 011 06 38.39	N 51 07.7	E 011 06.6
PILAM	N 50 26 06.44	E 010 42 39.68	N 50 26.1	E 010 42.7
SOMIX	N 51 15 19.01	E 011 01 14.56	N 51 15.3	E 011 01.2
ORTUV	N 50 50 11.89	E 010 34 43.81	N 50 50.2	E 010.34.7
TABAT	N 50 33 30.51	E 011 31 52.50	N 50 33.5	E 011 31.9
TURAP	N 51 04 55.04	E 010 58 18.62	N 51 04.9	E 010 58.3

THRESHOLD COORDINATES

THR	CODING		DISPLAY	
RWY 10	N 50 58 52.60	E 010 56 23.04	N 50 58.9	E 010 56.4
RWY 28	N 50 58 42.89	E 010 58 24.57	N 50 58.7	E 010 58.4