

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
UL15							
△ BEGAR (FIR BDRY) N 47 54 30 E 007 35 00							
	136.0	53.8	FL 660 FL 245	↓			Zürich ACC
△ RIPUS N 47 15 37 E 008 30 00							
UL23							
△ BINKA (FIR BDRY) N 53 45 34 E 014 16 32							
	270.8 090.4	17.1	FL 660 FL 245	↑	↓		Bremen ACC Karlsruhe UAC
△ TORLO N 53 45 44 E 013 47 48							
	270.3 090.2	3.3	FL 660 FL 245	↑	↓	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1600 (1500) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times See ENR 5.1 MVPA North-East. To avoid Military Exercise Areas expect TEMPO vectoring by ATC. Route extension: MAX 50 NM	Bremen ACC Karlsruhe UAC
△ UDAXI N 53 45 45 E 013 42 15							
	270.2 090.1	5.0	FL 660 FL 245	↑	↓	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1600 (1500) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times See ENR 5.1 MVPA North-East. To avoid Military Exercise Areas expect TEMPO vectoring by ATC. Route extension: MAX 50 NM	Bremen ACC Karlsruhe UAC
△ FRIEDLAND DVOR/DME (FLD) N 53 45 46 E 013 33 47							
	269.0 089.0	2.9	FL 660 FL 245	↑	↓	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1600 (1500) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times See ENR 5.1 MVPA North-East. To avoid Military Exercise Areas expect TEMPO vectoring by ATC. Route extension: MAX 50 NM	Bremen ACC Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ GEVNI N 53 45 43 E 013 28 53							
	269.1 088.5	24.6	FL 660 FL 245	↑	↓	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1600 (1500) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times See ENR 5.1 MVPA North-East. To avoid Military Exercise Areas expect TEMPO vectoring by ATC. Route extension: MAX 50 NM	Bremen ACC Karlsruhe UAC
△ LEGSA N 53 45 12 E 012 47 23							
	268.8 088.5	11.4	FL 660 FL 245	↑	↓	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1600 (1500) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times See ENR 5.1 MVPA North-East. To avoid Military Exercise Areas expect TEMPO vectoring by ATC. Route extension: MAX 50 NM	Bremen ACC Karlsruhe UAC
△ KUBAB N 53 44 56 E 012 28 12							
	268.1 087.6	22.7	FL 660 FL 245	↑	↓	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1600 (1500) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times See ENR 5.1 MVPA North-East. To avoid Military Exercise Areas expect TEMPO vectoring by ATC. Route extension: MAX 50 NM	Bremen ACC Karlsruhe UAC
△ TAGOB N 53 44 05 E 011 49 59							
	267.9 087.6	13.0	FL 660 FL 245	↑	↓		Bremen ACC Karlsruhe UAC
△ BERIM N 53 43 34 E 011 28 04							
	267.4 087.0	18.9	FL 660 FL 245	↑	↓		Bremen ACC Karlsruhe UAC Maastricht UAC
△ RAMAR N 53 42 39 E 010 56 20							
	266.9 086.3	26.2	FL 660 FL 245	↑	↓		Maastricht UAC
△ HAMBURG DVORTAC (HAM) N 53 41 08 E 010 12 18							
	066.9	24.8	FL 660 FL 245	↑			Maastricht UAC
△ ESTAD N 53 31 31 E 009 33 53							
	066.8	4.6	FL 660 FL 245	↑			Maastricht UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ STADE N 53 29 43 E 009 26 49							
	066.3	22.4	FL 660 FL 245	↑		CDR1 FL 290 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays CDR2 FL 290 – FL 660 other times	Maastricht UAC
△ WESER NDB (WSN) N 53 20 50 E 008 52 29							

UL87							
△ PESEL (FIR BDRY) N 53 30 28 E 014 19 33							
	217.5	24.8	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ RAKIT N 53 10 43 E 013 54 40							
	211.7	17.7	FL 660 FL 285		↓		Karlsruhe UAC
△ KETAP N 52 55 40 E 013 39 18							
	204.9	34.9	FL 660 FL 285		↓		Karlsruhe UAC
△ BANSI N 52 23 59 E 013 15 19							
	204.9	29.6	FL 660 FL 285		↓		Karlsruhe UAC
△ KUBOG N 51 57 04 E 012 55 27							
	204.9	34.3	FL 660 FL 285		↓		Karlsruhe UAC München ACC
△ TADUV N 51 25 48 E 012 32 53							
	216.8	20.1	FL 660 FL 285		↓		Karlsruhe UAC München ACC
△ SULED N 51 09 43 E 012 13 48							
	216.8	18.6	FL 660 FL 285		↓		Karlsruhe UAC München ACC
△ GOLAT N 50 54 44 E 011 56 17							
	216.8	15.2	FL 660 FL 285		↓		Karlsruhe UAC München ACC
△ ALOSO N 50 42 27 E 011 42 06							
	216.8	11.1	FL 660 FL 285		↓		Karlsruhe UAC München ACC
△ TABAT N 50 33 31 E 011 31 53							
	187.2	38.0	FL 660 FL 275	↓			Karlsruhe UAC München ACC
△ ERETO N 49 55 52 E 011 24 30							
	216.3	12.1	FL 660 FL 275	↓			Karlsruhe UAC München ACC
△ ANELA N 49 46 08 E 011 13 29							

UL126							
△ MICHAELSDORF DVOR (MIC) N 54 18 20 E 011 00 19							
	232.5	32.0	FL 660 FL 245	↓			Maastricht UAC
△ BOGMU N 53 58 45 E 010 17 20							
	232.4	32.0	FL 660 FL 245	↓			Maastricht UAC
△ ELBE VOR/DME (LBV) N 53 39 09 E 009 34 46							
	184.0 003.9	7.7	FL 660 FL 245	↓	↑		Maastricht UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ ESTAD N 53 31 31 E 009 33 53							
	188.0 007.6	36.9	FL 660 FL 245	↓	↑		Maastricht UAC
△ KEGAB N 52 55 03 E 009 25 27							
	188.0 007.6	17.3	FL 660 FL 245	↓	↑		Maastricht UAC
△ TIMEN N 52 37 56 E 009 21 32							
	188.0 007.6	24.2	FL 660 FL 245	↓	↑		Maastricht UAC
△ ROBEG N 52 14 01 E 009 16 11							
	188.0 007.6	10.9	FL 660 FL 245	↓	↑		Maastricht UAC
△ PIROT N 52 03 12 E 009 14 13							
	188.0 007.6	10.2	FL 660 FL 245	↓	↑		Maastricht UAC
△ LARBU N 51 53 08 E 009 11 35							
	188.0 007.6	23.0	FL 660 FL 245	↓	↑		Maastricht UAC
△ WARBURG DVOR/DME (WRB) N 51 30 21 E 009 06 39							
	158.2	33.7	FL 660 FL 245	↓			Karlsruhe UAC
△ ANANO N 50 59 01 E 009 26 27							
	158.2	16.4	FL 660 FL 245	↓			Karlsruhe UAC
△ MASEK N 50 43 45 E 009 35 54							
	169.9 350.1	40.3	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ OSBIT N 50 04 12 E 009 46 59							
	163.2 343.4	22.1	FL 660 FL 245	↓	↑	CDR1 FL 270 – FL 320 FL 360 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC
△ WÜRZBURG VOR (WUR) N 49 43 03 E 009 56 49							
	149.3	33.6	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC
△ DINKU N 49 14 10 E 010 22 59							

UL132	1. Beyond BODLA see AIP Poland. 2. Between AGNAV and KILNU see AIP Czech Republic.						
△ MAISACH DVOR/DME (MAH) N 48 15 48 E 011 18 43							
	043.9	23.3	FL 660 FL 245		↓	CDR1 FL 280 – FL 320 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ LASMI N 48 32 30 E 011 43 00							
	043.9	28.8	FL 660 FL 245		↓	CDR1 FL 280 – FL 320 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ MAMOR N 48 53 09 E 012 13 20							
	024.8	29.8	FL 660 FL 245		↓	CDR1 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC München ACC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ RUDNO N 49 20 09 E 012 32 29							
	011.6	14.2	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ AGNAV N 49 34 05 E 012 36 52							
Between AGNAV and KILNU not available							
△ KILNU N 50 28 37 E 012 54 42							
	031.2	10.7	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ ABKIS N 50 37 47 E 013 03 26							
	026.5	22.5	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ EKPEK N 50 57 52 E 013 19 17							
	011.2	8.8	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ RIVSA N 51 06 31 E 013 22 00							
	009.5	23.8	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ OGSEN N 51 29 59 E 013 28 18							
	011.8	11.2	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ DOBUR N 51 41 53 E 013 32 06							
	011.8	26.3	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ PEPOL N 52 07 34 E 013 40 57							
	011.8	8.8	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ SONUD N 52 16 11 E 013 43 57							
	011.8	17.1	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ ANEBO N 52 32 53 E 013 49 50							
	011.8	22.5	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ RENKI N 52 54 53 E 013 57 42							
	036.6	27.1	FL 660 FL 245	↓			Bremen ACC Karlsruhe UAC
△ BODLA (FIR BDRY) N 53 16 33 E 014 24 36							
UL171							
△ BOGMU N 53 58 45 E 010 17 20							
	189.6	17.9	FL 660 FL 245	↓			Maastricht UAC
△ HAMBURG DVORTAC (HAM) N 53 41 08 E 010 12 18							
	025.4	70.3	FL 660 FL 245		↑		Maastricht UAC
△ TIMEN N 52 37 56 E 009 21 32							
UL173							
△ SALZBURG DVOR/DME (SBG) N 48 00 09 E 012 53 34							
	284.3 103.5	13.9	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ TITIG N 48 03 32 E 012 33 34							
	289.4 109.3	6.9	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ AMDID N 48 05 50 E 012 23 49							
	289.3 109.1	11.5	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ EBEDA N 48 09 37 E 012 07 37							
	275.6 095.4	12.5	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ MÜNCHEN VOR/DME (MUN) N 48 10 49 E 011 48 58							
	284.0	20.8	FL 660 FL 245		↓	CDR1 FL 280 – FL 320 H24 ALTN route: by ATC.	Karlsruhe UAC München ACC
△ MAISACH DVOR/DME (MAH) N 48 15 48 E 011 18 43							

UL174							
△ KIRDI N 48 12 28 E 012 49 18							
	088.1	27.2	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ VELOM N 48 13 16 E 013 29 58							

UL175							
△ LAMSI N 48 39 12 E 013 35 00							
	097.4	38.5	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ VENEN N 48 34 00 E 014 32 29							

UL602							
△ VARIK N 50 17 28 E 012 22 52							
	294.8	7.7	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ PEROX N 50 20 41 E 012 11 58							
	296.9	16.0	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ SODRO N 50 27 53 E 011 49 38							
	296.5 116.3	12.7	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ TABAT N 50 33 31 E 011 31 53							
	296.4	21.7	FL 660 FL 315		↓		Karlsruhe UAC
△ BAMKI N 50 43 05 E 011 01 13							
	296.1	12.3	FL 660 FL 315		↓		Karlsruhe UAC
△ TAMEB N 50 48 28 E 010 43 48							
	295.8	12.4	FL 660 FL 315		↓		Karlsruhe UAC
△ ROBEL N 50 53 51 E 010 26 06							
	295.5	31.8	FL 660 FL 315		↓		Karlsruhe UAC
△ KEMAD N 51 07 25 E 009 40 30							
	301.6	85.9	FL 660 FL 245		↓		Karlsruhe UAC Maastricht UAC
△ HAMM DVOR/DME (HMM) N 51 51 25 E 007 42 30							
	295.7	30.3	FL 660 FL 245		↓		Maastricht UAC
△ REBGU N 52 04 25 E 006 58 14							
	294.9	6.4	FL 660 FL 245		↓		Maastricht UAC
△ RELBI (FIR BDRY) N 52 07 06 E 006 48 49							

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
UL603							
△ <i>TEBRO (FIR BDRY)</i> N 51 53 39 E 006 35 16							
	130.9	24.2	FL 660 FL 245 (FL270)	↓			Maastricht UAC
△ KOMOT N 51 37 43 E 007 04 27							
	130.9	41.3	FL 660 FL 245 (FL270)	↓			Maastricht UAC
△ GERMINGHAUSEN DVOR/DME (GMH) N 51 10 14 E 007 53 31							
	147.3	51.6	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC
△ TESGA N 50 26 42 E 008 37 08							
	136.0	31.8	FL 660 FL 245	↓			Karlsruhe UAC
△ ESATI N 50 03 47 E 009 11 24							
	136.0	19.8	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC
△ DETEV N 49 49 25 E 009 32 31							
	136.0	48.2	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC
△ DINKU N 49 14 10 E 010 22 59							
	135.7	15.5	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ AKANU N 49 03 03 E 010 39 29							
	135.7	10.7	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ LUPOX N 48 55 20 E 010 50 49							
	135.7	12.3	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ RENLO N 48 46 30 E 011 03 43							
	136.2	10.9	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ BESNI N 48 38 37 E 011 15 06							
	126.8	17.7	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ OLETU N 48 28 01 E 011 36 21							
	131.2	27.8	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ EBEDA N 48 09 37 E 012 07 37							
	136.6	15.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ ROTAX N 47 58 39 E 012 23 03							
	136.8	12.8	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ UNKEN N 47 49 18 E 012 36 04							
	134.8	11.7	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ LATLO N 47 41 02 E 012 48 24							
	134.9	30.2	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ OBEDI N 47 19 40 E 013 19 47							

UL604	During military flight activities within ED-R 136, expect re-routing by ATC via RODIS - EXITI - ANELA for flights with RFL300 or below.						
△ LINZ DVOR/DME (LNZ) N 48 13 47 E 014 06 11							
	321.0 140.7	23.1	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ PABSA N 48 31 42 E 013 44 17							
	321.0 140.3	9.7	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ LAMSI N 48 39 12 E 013 35 00							
	315.3 134.5	19.2	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ LALIN N 48 52 48 E 013 14 32							
	315.3 134.5	38.9	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ RUDNO N 49 20 09 E 012 32 29							
	290.0 109.2	24.6	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ RODIS N 49 28 28 E 011 56 59							
	290.0 109.2	16.7	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ MOOCE N 49 33 59 E 011 32 48							
	314.2	7.6	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ EKSOS N 49 39 15 E 011 24 27							
	314.2	9.9	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ ANELA N 49 46 08 E 011 13 29							
	314.2	9.6	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ BAMAS N 49 52 48 E 011 02 45							
	314.2	17.0	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ SULUS N 50 04 31 E 010 43 44							
	313.6 133.4	8.0	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ DIMSU N 50 10 01 E 010 34 43							
	313.6 133.4	5.0	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ GORKO N 50 13 28 E 010 29 02							
	313.3 133.1	13.5	FL 660 FL 245	↑	↓		Karlsruhe UAC
△ ALIBU N 50 22 38 E 010 13 49							
	313.2 133.0	14.3	FL 660 FL 245	↑	↓		Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ DEMAB N 50 32 28 E 009 57 21							
	309.8 129.5	17.7	FL 660 FL 245	↑	↓		Karlsruhe UAC
△ MASEK N 50 43 45 E 009 35 54							
	309.8	29.0	FL 660 FL 245		↓		Karlsruhe UAC
△ EDEGA N 51 02 05 E 009 00 28							
	309.0	9.4	FL 660 FL 245		↓		Karlsruhe UAC
△ MAPOX N 51 08 01 E 008 48 50							
	308.9	18.4	FL 660 FL 245		↓		Karlsruhe UAC
△ BIGGE N 51 19 32 E 008 25 58							
	308.9	76.9	FL 660 FL 245		↓		Maastricht UAC
△ RELBI (FIR BDRY) N 52 07 06 E 006 48 49							

UL605							
△ BESNI N 48 38 37 E 011 15 06							
	107.6	14.5	FL 660 FL 245	↓		CDR1 FL 270 – FL 310 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ MIKE NDB (MIQ) N 48 34 13 E 011 35 51							
	102.3	36.1	FL 660 FL 245	↓		CDR1 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ DOSEL N 48 26 19 E 012 28 51							
	102.3	11.0	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BIBAG N 48 23 49 E 012 44 59							
	109.1	18.3	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ ESEGA N 48 17 47 E 013 10 53							
	109.4	13.5	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ VELOM N 48 13 16 E 013 29 58							

UL607							
△ MATUG (FIR BDRY) N 50 25 00 E 006 22 11							
	101.4	48.8	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC Maastricht UAC
△ AMASI N 50 14 25 E 007 36 22							
	130.8	15.3	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC
△ UBIDU N 50 04 24 E 007 54 23							
	130.8	25.4	FL 660 FL 245	↓			Karlsruhe UAC
△ NONKO N 49 47 42 E 008 23 58							
	130.8	4.2	FL 660 FL 245	↓			Karlsruhe UAC
△ RIDSU N 49 44 56 E 008 28 48							
	155.4	18.7	FL 660 FL 245	↓			Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ ABUKA N 49 27 55 E 008 40 45							
	155.4	17.6	FL 660 FL 245	↓		CDR1 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC
△ SUNEK N 49 11 55 E 008 51 51							
	155.4	38.2	FL 660 FL 245	↓		CDR1 FL 370 – FL 450 H24 ALTN route: by ATC	Karlsruhe UAC
△ TEDGO N 48 37 06 E 009 15 33							
	159.5	23.2	FL 660 FL 245	↓			Karlsruhe UAC
△ UTABA N 48 15 18 E 009 27 42							
	139.1	33.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ MOMUK N 47 50 19 E 009 59 49							
	143.1	20.9	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BEMKI N 47 33 34 E 010 18 20							
	143.4	11.9	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ XEBIX N 47 24 00 E 010 28 48							
	151.6	7.8	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ ELMEM N 47 17 08 E 010 34 15							
	101.5	49.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ LIZUM N 47 06 54 E 011 45 22							

UL608							
△ ERKIR N 47 32 16 E 012 00 32							
	281.8	25.3	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ KOGOL N 47 37 20 E 011 23 59							
	280.3	43.2	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ KEMPTEN DVOR/DME (KPT) N 47 44 45 E 010 20 59							
	320.7	46.2	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ KUNOD N 48 20 20 E 009 37 07							
	319.6	22.1	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ TEDGO N 48 37 06 E 009 15 33							
	336.4	17.3	FL 660 FL 245		↓	CDR1 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ KOVAN N 48 52 57 E 009 05 03							
	335.5	20.9	FL 660 FL 245		↓	CDR1 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ SUNEK N 49 11 55 E 008 51 51							
	336.0	17.6	FL 660 FL 245		↓	CDR1 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even	Remarks	Controlling Unit
1	2	3	4	5	6	7
△ ABUKA N 49 27 55 E 008 40 45						
	336.0	18.7	FL 660 FL 245	↓		Karlsruhe UAC
△ RIDSU N 49 44 56 E 008 28 48						
	311.4	4.2	FL 660 FL 245	↓		Karlsruhe UAC
△ NONKO N 49 47 42 E 008 23 58						
	284.0	59.5	FL 660 FL 245	↓		Karlsruhe UAC
△ ADENU N 50 01 32 E 006 54 30						
	299.0	20.1	FL 660 FL 245	↓		Karlsruhe UAC
△ LIRSU N 50 11 12 E 006 27 12						
	320.4	9.3	FL 660 FL 245	↓		Maastricht UAC
△ FIR BDRY N 50 18 22 E 006 17 55						

UL610						
△ FREISTADT DVOR/DME (FRE) N 48 25 54 E 014 07 47						
	290.5	16.7	FL 660 FL 245	↓		Karlsruhe UAC
△ PABSA N 48 31 42 E 013 44 17						
	290.5	9.9	FL 660 FL 245	↓		Karlsruhe UAC
△ RENKA N 48 35 05 E 013 30 19						
	290.5	18.2	FL 660 FL 245	↓		Karlsruhe UAC
△ GONBA N 48 41 16 E 013 04 33						
	290.5	17.6	FL 660 FL 245	↓		Karlsruhe UAC
△ STAUB N 48 47 09 E 012 39 29						
	290.5	18.3	FL 660 FL 245	↓	CDR1 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC
△ MAMOR N 48 53 09 E 012 13 20						
	296.9	33.7	FL 660 FL 245	↓	CDR1 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC
△ UNKUL N 49 08 14 E 011 27 35						
	296.9	10.5	FL 660 FL 245	↓	CDR1 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC
△ UPALA N 49 12 52 E 011 13 17						
	313.8	15.1	FL 660 FL 245	↓	CDR1 FL 280 – FL 320 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC
△ INBED N 49 23 15 E 010 56 30						
	306.3	69.8	FL 660 FL 245	↓	CDR1 FL 280 – FL 320 FL 360 – FL 470 H24 ALTN route: by ATC	Karlsruhe UAC
△ LOHRE N 50 04 01 E 009 29 11						
	285.4	106.0	FL 660 FL 245	↓		Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ ADKUV N 50 30 25 E 006 49 03							
	283.4	22.8	FL 660 FL 245		↓		Maastricht UAC
△ LAMLA (FIR BDRY) N 50 35 35 E 006 14 17							

UL619							
△ GOMKU (FIR BDRY) N 54 39 25 E 006 30 00							
	119.2 300.4	57.0	FL 660 FL 245	↓	↑	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1700 (1600) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times	Maastricht UAC
△ HELGOLAND VOR/DME (DHE) N 54 11 08 E 007 54 39							
	117.4 297.8	16.3	FL 660 FL 245	↓	↑	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times FL330 – FL380 available in case UN125/ UL23/UZ612 closed according to EAUP.	Maastricht UAC
△ GOLEN N 54 03 35 E 008 19 15							
	118.2 299.2	51.0	FL 660 FL 245	↓	↑	CDR1 FL 245 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 660 other times FL330 – FL380 available in case UN125/ UL23/UZ612 closed according to EAUP.	Maastricht UAC
△ ELBE VOR/DME (LBV) N 53 39 09 E 009 34 46							
	116.5 297.1	29.8	FL 660 FL 245	↓	↑		Maastricht UAC
△ AMLUH N 53 25 44 E 010 19 21							
	117.2 298.7	39.4	FL 660 FL 245	↓	↑		Maastricht UAC
△ BUMIL N 53 07 12 E 011 17 10							
	117.2 298.7	10.7	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ BRÜNKENDORF DVOR/DME (BKD) N 53 02 04 E 011 32 46							
	105.4 285.7	10.0	FL 660 FL 245	↓	↑	CDR1 FL 350 – FL 450 H24 See ENR 5.1 MVPA North-East - reroutings due to military activities on this segment only after publication of NOTAM.	Bremen ACC Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ PITEN N 52 59 24 E 011 48 41							
	092.5 274.4	19.1	FL 660 FL 245	↓	↑	CDR1 FL 350 – FL 450 H24 See ENR 5.1 MVPA North-East - reroutings due to military activities on this segment only after publication of NOTAM.	Bremen ACC Karlsruhe UAC
△ VIBIS N 52 58 31 E 012 20 19							
	092.5 274.4	17.9	FL 660 FL 245	↓	↑	CDR1 FL 350 – FL 450 H24 See ENR 5.1 MVPA North-East - reroutings due to military activities on this segment only after publication of NOTAM.	Bremen ACC Karlsruhe UAC
△ PODUS N 52 57 33 E 012 49 50							
	092.5 274.4	10.0	FL 660 FL 245	↓	↑	CDR1 FL 350 – FL 450 H24 See ENR 5.1 MVPA North-East - reroutings due to military activities on this segment only after publication of NOTAM.	Bremen ACC Karlsruhe UAC
△ RADEL N 52 56 58 E 013 06 19							
	093.5 273.6	5.9	FL 660 FL 245	↓	↑	CDR1 FL 350 – FL 450 H24 See ENR 5.1 MVPA North-East - reroutings due to military activities on this segment only after publication of NOTAM.	Bremen ACC Karlsruhe UAC
△ TABOK N 52 56 36 E 013 16 05							
	093.6 274.2	25.2	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ RENKI N 52 54 53 E 013 57 42							
	092.5 274.4	7.1	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ ERGON (FIR BDRY) N 52 54 22 E 014 09 24							

UL620							
△ SONEB (FIR BDRY) N 52 01 25 E 006 45 51							
	104.2	10.3	FL 660 FL 245	↓			Maastricht UAC
△ OLDOD N 51 58 52 E 007 02 01							
	104.5	2.9	FL 660 FL 245	↓			Maastricht UAC
△ SUVOX N 51 58 09 E 007 06 29							
	106.6	23.3	FL 660 FL 245	↓			Maastricht UAC
△ HAMM DVOR/DME (HMM) N 51 51 25 E 007 42 30							
	103.0	23.7	FL 660 FL 245	↓			Maastricht UAC
△ EXOBA N 51 46 02 E 008 19 37							
	102.4	83.6	FL 660 FL 245	↓			Maastricht UAC
△ NOMKA N 51 26 52 E 010 30 07							
	104.1	16.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BIRKA N 51 22 46 E 010 55 54							
	104.5	13.2	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ IXUVU N 51 19 26 E 011 16 20							
	104.6	7.4	FL 660 FL 245	↓			Karlsruhe UAC München ACC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ SUVUT N 51 17 34 E 011 27 41							
	105.1	3.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ SOPLA N 51 16 38 E 011 33 11							
	104.9	15.4	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ NOTGO N 51 12 38 E 011 56 48							
	105.2	11.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ SULED N 51 09 43 E 012 13 48							
	105.6	15.3	FL 660 FL 245	↓		CDR1 FL 245 – FL 350 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 350 other times ALTN route: UZ21	Karlsruhe UAC München ACC
△ TALEG N 51 05 34 E 012 37 11							
	105.9	27.7	FL 660 FL 245	↓		CDR1 FL 245 – FL 350 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays CDR2 FL 245 – FL 350 other times ALTN route: UZ21	Karlsruhe UAC München ACC
△ EKPEK N 50 57 52 E 013 19 17							
	105.6	6.5	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BESIP N 50 56 07 E 013 29 07							
	106.4	20.4	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ OMELO (FIR BDRY) N 50 50 16 E 014 00 03							

UL725	For continuation see AIP Austria.						
△ BADVI N 47 43 52 E 011 56 43							
	078.2	27.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ UNKEN N 47 49 18 E 012 36 04							
	078.8	17.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ MORED N 47 52 35 E 013 00 56							

UL735							
△ GOVEN (FIR BDRY) N 52 03 30 E 014 45 20							
	246.2	23.6	FL 660 FL 275		↓		Bremen ACC Karlsruhe UAC
△ LUROS N 51 53 55 E 014 10 28							
	246.2	34.1	FL 660 FL 275		↓		Bremen ACC Karlsruhe UAC
△ OLBK N 51 39 45 E 013 20 28							
	246.2	12.9	FL 660 FL 275		↓		Bremen ACC Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ MILGU N 51 34 19 E 013 01 47							
	246.2	20.0	FL 660 FL 275		↓		Karlsruhe UAC München ACC
△ TADUV N 51 25 48 E 012 32 53							

UL850							
△ DEGAB N 48 42 20 E 013 55 53							
	297.7 117.5	12.6	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ PASAU N 48 48 09 E 013 39 04							
	286.2	16.9	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ LALIN N 48 52 48 E 013 14 32							

UL856							
△ SALZBURG DVOR/DME (SBG) N 48 00 09 E 012 53 34							
	262.4	12.4	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ TRAUN N 47 58 29 E 012 35 15							
	262.2	32.1	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ MANAL N 47 53 58 E 011 48 00							
	261.6	17.6	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ KONIN N 47 51 21 E 011 22 05							
	261.3	41.7	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ KEMPTEN DVOR/DME (KPT) N 47 44 45 E 010 20 59							
	268.2	27.6	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ RAVED N 47 43 45 E 009 40 10							
	268.2	9.8	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ NEGRA N 47 43 20 E 009 25 38							
	268.2	7.9	FL 660 FL 245		↓		München ACC Zürich ACC
△ AKABI (FIR BDRY) N 47 43 01 E 009 14 00							

UL867							
△ RADEL N 52 56 58 E 013 06 19							
	121.4 302.2	39.6	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ GERGA N 52 36 09 E 014 01 41							
	123.0 303.4	24.4	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ SLUBICE VOR/DME (SUI) N 52 22 47 E 014 35 08							

UL980							
△ ETEBO (FIR BDRY) N 52 08 18 E 006 52 31							
	085.2 265.4	8.8	FL 660 FL 245	↓	↑		Maastricht UAC
△ AMSAN N 52 09 01 E 007 06 41							
	085.6 266.5	43.5	FL 660 FL 245	↓	↑		Maastricht UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ OSNABRÜCK DVOR (OSN) N 52 12 00 E 008 17 08							
	086.4 266.6	6.1	FL 660 FL 245	↓	↑		Maastricht UAC
△ MOBSA N 52 12 23 E 008 26 58							
	086.5 267.0	19.3	FL 660 FL 245	↓	↑		Maastricht UAC
△ BADMU N 52 13 28 E 008 58 15							
	087.0 267.3	11.0	FL 660 FL 245	↓	↑		Maastricht UAC
△ ROBEG N 52 14 01 E 009 16 11							
	087.2 267.7	22.7	FL 660 FL 245	↓	↑		Maastricht UAC
△ LEINE DVOR/DME (DLE) N 52 15 01 E 009 53 01							
	078.1 258.4	9.6	FL 660 FL 245	↓	↑		Maastricht UAC
△ ATROS N 52 16 58 E 010 08 18							
	078.4 258.9	24.7	FL 660 FL 245	↓	↑		Maastricht UAC
△ HEHLINGEN DVOR/DME (HLZ) N 52 21 48 E 010 47 43							
	087.6 268.6	47.2	FL 660 FL 285	↓	↑		Karlsruhe UAC
△ GALKU N 52 23 22 E 012 04 45							
	088.6 268.7	7.1	FL 660 FL 285	↓	↑		Karlsruhe UAC
△ SOBLU N 52 23 32 E 012 16 22							
	088.9 269.2	13.7	FL 660 FL 285	↓	↑		Karlsruhe UAC
△ PENEK N 52 23 45 E 012 38 48							
	089.2 270.0	35.9	FL 660 FL 285	↓	↑		Karlsruhe UAC
△ ADLIR N 52 24 01 E 013 37 19							
	089.9 270.3	16.5	FL 660 FL 285	↓	↑		Karlsruhe UAC
△ TUVAK N 52 23 59 E 014 04 15							
	093.4 273.8	19.0	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ SLUBICE VOR/DME (SUI) N 52 22 47 E 014 35 08							
UL984							
△ NOSPA N 50 01 14 E 006 42 41							
	087.7 269.2	7.6	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ ADENU N 50 01 32 E 006 54 30							
	087.7 269.2	8.9	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ OBIGA N 50 01 51 E 007 08 18							
	087.7 269.2	36.4	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ RUDUS N 50 02 51 E 008 04 42							
	087.7 269.2	21.6	FL 660 FL 245 (FL270)	↓	↑		Karlsruhe UAC
△ FRANKFURT DVORTAC (FFM) N 50 03 13 E 008 38 14							
	088.3 268.4	6.3	FL 660 FL 245 (FL270)	↓	↑		Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ BOMBI N 50 03 24 E 008 48 01							
	088.4 268.7	15.1	FL 660 FL 245 (FL270)	↓	↑		Karlsruhe UAC
△ ESATI N 50 03 47 E 009 11 24							
	088.7 268.9	11.5	FL 660 FL 245 (FL270)	↓	↑		Karlsruhe UAC
△ LOHRE N 50 04 01 E 009 29 11							
	088.9 269.4	11.5	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ OSBIT N 50 04 12 E 009 46 59							
	088.9 269.4	12.2	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ RASPU N 50 04 22 E 010 05 55							
	089.5 269.6	5.6	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ KOMIB N 50 04 24 E 010 14 34							
	089.5 269.9	18.8	FL 660 FL 245	↓	↑		Karlsruhe UAC
△ SULUS N 50 04 31 E 010 43 44							
	088.3 271.2	19.2	FL 660 FL 245	↓	↑		Karlsruhe UAC München ACC
△ LONLI N 50 04 29 E 011 13 35							
	088.3 271.2	16.0	FL 660 FL 245	↓	↑		Karlsruhe UAC München ACC
△ KULOK N 50 04 22 E 011 37 50							
	088.3 271.2	17.9	FL 660 FL 245	↓	↑		Karlsruhe UAC München ACC
△ ABERU N 50 04 09 E 012 05 37							
	088.3 271.2	12.1	FL 660 FL 245	↓	↑		Karlsruhe UAC München ACC
△ CHEB VOR/DME (OKG) N 50 03 55 E 012 24 21							

UL986							
△ LEINE DVOR/DME (DLE) N 52 15 01 E 009 53 01							
	102.2 282.2	35.6	FL 660 FL 245	↓	↑		Maastricht UAC
△ POVEL N 52 07 42 E 010 49 40							
	102.2 282.2	19.8	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ EMBOX N 52 03 27 E 011 20 59							
	102.2 282.2	16.9	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ MAGDEBURG VOR/DME (MAG) N 51 59 42 E 011 47 40							
	102.9 284.0	15.6	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ ROSNO N 51 56 11 E 012 12 12							
	102.9 284.0	9.7	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ KOSIX N 51 53 57 E 012 27 22							
	102.9 284.0	26.6	FL 660 FL 245	↓	↑		Bremen ACC Karlsruhe UAC
△ BOLBO N 51 47 41 E 013 09 04							
	111.9 292.8	15.5	FL 660 FL 285	↓	↑		Bremen ACC Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ DOBUR N 51 41 53 E 013 32 06							
	111.9 292.8	29.6	FL 660 FL 285	↓	↑		Bremen ACC Karlsruhe UAC
△ KOBUS N 51 30 48 E 014 15 09							
	103.2 283.8	27.4	FL 660 FL 285	↓	↑		Karlsruhe UAC München ACC
△ LASIS (FIR BDRY) N 51 24 25 E 014 57 42							