

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
L39 (RNAV 5)						For continuation, see AIP Norway
△ LINVI (FIR BDRY) 570000N 0071338E	NIL	114.0	FL 660 FL 195 Class C		↓	CDR1: H24 AVBL. see EAUP/EUUP ALTN: DANKO-P850-GOLUM
△ GOLUM (FIR BDRY) 552700N 0051700E	NIL					Extremity L39
L619 (RNAV 5)						For continuation, see AIP UK ATS provided by Copenhagen ACC between VALBO and AVRAL.
△ VALBO (FIR BDRY) 550743N 0050000E	NIL	16.4	FL 660 FL 245 Class C	↓	↑	CDR1: H24 AVBL. see EAUP/EUUP ALTN: LBE-P992-BAVTA-L983
△ SUTEB (FIR BDRY) 550000N 0052508E	NIL					For continuation, see AIP Netherlands
L621 (RNAV 5)						For continuation, see AIP Sweden
△ KULUD (FIR BDRY) 561538N 0121959E	NIL	6.0	FL 660 FL 95 Class C		↓	ATS provided by Sweden ACC FL95 - FL245 between KULUD AND MADAG
△ ROKAM 561901N 0121100E	NIL	6.8	FL 95 3500 FT MSL Class E			
△ MADAG 562250N 0120049E	NIL	15.5				
△ NORTI 563128N 0113732E	NIL	11.1				
△ LAPMA 563733N 0112051E	NIL	53.0	FL 660 FL 195 Class C			
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	31.8	FL 195 3500 FT MSL Class E			
△ LAGUM 572720N 0091606E	NIL	20.0			↑	
△ AMSEV (FIR BDRY) 574031N 0084808E	NIL					For continuation, see AIP Norway

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
L975 (RNAV 5)						For continuation, see AIP UK
△ LESRA (FIR BDRY) 552308N 0050000E	NIL	10.4	FL 660 FL 195 Class C	↓		ATS provided by Copenhagen ACC between LESRA and ROPAL CDR1: BAVTA-GOLUM H24 AVBL. see EAUP/EUUP ALTN: BAVTA-L983-AMRAM- N866-GOLUM
△ GOLUM 552700N 0051700E	NIL	97.6				
△ ABKAS 553548N 0080806E	NIL	5.6	FL 660 FL 195 Class C			
△ BAVTA 553611N 0081800E	NIL	55.0	FL 195 FL 105 Class E			
△ NAVDA 553534N 0095456E	NIL		FL 105 FL 95 Class C			
△ RIDSI 553530N 0095939E	NIL	2.7	FL 660 FL 195 Class C			
△ ODIN VOR/DME (ODN) 553452N 0103911E	NIL	22.3	FL 195 FL 95 Class E			
△ ASKEG 553310N 0112346E	NIL	25.4				
△ KOKAK (FIR BDRY) 552929N 0124254E	NIL	45.1	FL 660 3500 FT MSL Class C		↑	
						For continuation, see AIP Sweden

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks	
				Odd	Even		
1	2	3	4	5		6	
L983 (RNAV 5) △ PETIL (FIR BDRY) 555620N 0050000E △ BUSOM 555631N 0052341E △ AMRAM 555637N 0063803E △ ELMIG 553809N 0080845E △ BAVTA 553611N 0081800E △ SIVSU 552819N 0091706E △ ASBIL 552219N 0095938E △ TUDLO 551633N 0103852E △ ROBUS 550634N 0114311E △ CODAN VOR/DME (CDA) 550005N 0122245E △ BETUD 550026N 0123121E △ KOSMO 550055N 0124349E △ MATEK (FIR BDRY) 550059N 0124803E					ATS provided by Copenhagen ACC between SURAT and PETIL For continuation, see AIP UK		
	NIL	13.3	FL 660 FL 195 Class C	↓			
	NIL	41.8					
	NIL	54.4					
	NIL	5.6				FL 660 FL 195 Class C	
	NIL	34.5	FL 195 FL 105 Class E				
	NIL		FL 105 FL 95 Class C				
	NIL	25.0	FL 660 FL 195 Class C				
	NIL	23.2					
	NIL	38.2					
	NIL	23.7				FL 195 FL 95 Class E	
	NIL	5.0					
	NIL	7.2					
	NIL	2.4					
							↑

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
L990 (RNAV 5)						ATS provided by Copenhagen ACC between ADVIS and LILBI For continuation, see AIP Sweden
△ LILBI (FIR BDRY) 551511N 0124058E	NIL	2.3	FL 660 3500 FT MSL Class C		↓	
△ EVBED 551351N 0123740E	NIL					
△ LUPUR 545928N 0120303E	NIL	24.5	FL 660 FL 195 Class C			
△ NEXEN 544839N 0113731E	NIL	18.3	FL 195 3500 FT MSL Class E			
△ MARIP 544323N 0112515E	NIL	8.8				
						Extremity of L990
L997 (RNAV 5)						Extremity of L997
△ NOVPO 560624N 0121428E	NIL	12.8	FL 660 FL 95 Class C		↓	
△ ROKAM 561901N 0121100E	NIL					
△ VEDAR (FIR BDRY) 563154N 0120725E	NIL	13.0	FL 95 3500 FT MSL Class E			
						For continuation, see AIP Sweden
M602 (RNAV 5)						For continuation, see AIP Germany
△ SONAL (FIR BDRY) 545244N 0124649E	NIL	15.7			↓	
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL		FL 660 FL 195 Class C			
△ ROBUS 550634N 0114311E	NIL	23.7				
△ ODIN VOR/DME (ODN) 553452N 0103911E	NIL	46.3	FL 195 3500 FT MSL Class E			
△ LUTUS 560603N 0095940E	NIL	38.4			↑	
						Extremity of M602

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
M604 (RNAV 5)						ATS provided by Copenhagen ACC between LARGA and INBOB For continuation, see AIP UK
△ INBOB (FIR BDRY) 553625N 0050000E	NIL	24.2	FL 660 FL 195 Class C	↓		For continuation, see AIP Norway
△ BUSOM 555631N 0052341E	NIL					
△ DANKO (FIR BDRY) 570000N 0064152E	NIL	77.0		↓	↑	
M609 (RNAV 5)						Extremity of M609
△ BAVTA 553611N 0081800E	NIL	14.5	FL 660 FL 195 Class C	↓		CDR1: RAM-RASVI H24 AVBL. see EAUP/EUUP ALTN: BAVTA-P601-LAGUM- L621
△ BAMPI 555034N 0081611E	NIL		FL 195 FL 105 Class E			
△ BAKOG 560459N 0081420E	NIL	14.5	FL 105 FL 95 Class C			
△ RAMME VOR/DME (RAM) 562842N 0081115E	NIL	23.8	FL 660 FL 195 Class C			
△ RASVI (FIR BDRY) 571723N 0080258E	NIL	48.9	FL 195 FL 95 Class E		↑	
						For continuation, see AIP Norway
M611 (RNAV 5)						For continuation, see AIP Sweden
△ ODARU (FIR BDRY) 550545N 0124541E	NIL	14.3	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E		↓	
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL					
△ LUPUR 545928N 0120303E	NIL	11.4				
△ KOPEX 545813N 0112804E	NIL	20.2				
△ LANGO 545644N 0105123E	NIL	21.2				
△ ALASA (FIR BDRY) 544831N 0095742E	NIL	32.1		↑		
						For continuation, see AIP Germany

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				Odd	Even	
1	2	3	4	5		6
M725 (RNAV 5)						For continuation, see AIP Germany
△ SONAL (FIR BDRY) 545244N 0124649E	NIL	15.7	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E		↓	
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL					
△ ADSEN 560841N 0105302E	NIL	85.5	FL 660 FL 195 Class C			
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	64.7	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E	↑		
						Extremity of M725
M852 (RNAV 5)						For continuation, see AIP Germany
△ ALASA (FIR BDRY) 544831N 0095742E	NIL	5.9			↓	VADIN-ALS: RNAV OPS only. Between VADIN and ALS only available southbound direction below FL245
△ ALSIE VOR (ALS) 545419N 0095936E	NIL		FL 660 FL 195 Class C			
△ ADSEN 560841N 0105302E	NIL	80.4				
△ GODOG 561603N 0105832E	NIL	8.0	FL 195 3500 FT MSL Class E			
△ VADIN (FIR BDRY) 570816N 0113838E	NIL	56.8			↑	
						For continuation, see AIP Sweden
M869 (RNAV 5)						For continuation, see AIP Sweden
△ IBREK (FIR BDRY) 562330N 0121356E	NIL	7.3			↓	ATS provided by Sweden ACC between IBREK and MADAG CDR1: MADAG-EVAKI H24 AVBL. see EAUP/EUUP ALTN: EVAKI-P619-BAVTA- L983-CDA-M611
△ MADAG 562250N 0120049E	NIL		FL 660 FL 245 Class C			
△ EVAKI 561422N 0072852E	NIL	151.7				
△ GOREV (FIR BDRY) 560312N 0050000E	NIL	84.0			↑	
						Extremity of M869 ATS provided by Copenhagen ACC between GOREV and SURAT

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				Odd	Even	
1	2	3	4	5		6
N581 (RNAV 5)						Extremity of N581
△ RAMME VOR/DME (RAM) 562842N 0081115E	NIL	27.6	FL 660 FL 195 Class C		↓	ATS provided by Copenhagen ACC between ELSAN and VAXIT
△ EVAKI 561422N 0072852E	NIL					
△ VAXIT (FIR BDRY) 563215N 0050000E	NIL	84.7		↑		
						For continuation, see AIP UK
N603 (RNAV 5)						For continuation, see AIP Norway
△ RAMUD (FIR BDRY) 570326N 0073626E	NIL	119.6	FL 660 FL 195 Class C	↓		CDR1: H24 AVBL. see EAUP/EUUP ALTN: AMSEV-L621-AAL- T551-TESPI
△ TESPI 555354N 0103152E	NIL		FL 195 3500 FT MSL Class E			Extremity of N603
N607 (RNAV 5)						Extremity of N607
△ BAVTA 553611N 0081800E	NIL	32.3	FL 660 FL 195 Class C	↓		CDR1: BAVTA-AAL FL125- FL285 H24 AVBL. see EAUP/EUUP ALTN: BAVTA-P601-KEMEG- N866-AAL
△ LASRO 560423N 0084850E	NIL		FL 195 FL 105 Class E			
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	73.3	FL 660 FL 195 Class C	↑		
△ KUVUS 572017N 0110000E	NIL	35.6	FL 195 FL 95 Class E			
△ MAKUR (FIR BDRY) 572547N 0112425E	NIL	14.3		↓		
						For continuation, see AIP Sweden

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				Odd	Even	
1	2	3	4	5		6
N850 (RNAV 5)						For continuation, see AIP Sweden
△ MISBI (FIR BDRY) 555355N 0124021E	NIL	9.0	FL 660 FL 95 Class C		↓	ATS provided by Copenhagen ACC below FL195 between REK- MO and MISBI
△ GOLMI 554638N 0123059E	NIL	40.1				
△ MAXEL 551233N 0115409E	NIL	33.6	FL 660 FL 195 Class C		↓	
△ MARIP 544323N 0112515E	NIL	10.4	FL 195 3500 FT MSL Class E	↑		
△ BAGOS (FIR BDRY) 543422N 0111612E	NIL					For continuation, see AIP Germany
N851 (RNAV 5)						For continuation, see AIP Germany
△ MAKEL (FIR BDRY) 542658N 0114801E	NIL	11.1	FL 660 FL 245 Class C	↓		ATS provided by Copenhagen APP below FL195 between LEBDA and GORAX.
△ GESKA 543703N 0115557E	NIL	41.1	FL 660 FL 195 Class C			
△ KUBIS 551323N 0122854E	NIL		FL 195 3500 FT MSL Class E			ATS provided by Copenhagen ACC above FL195 between LEBDA and MOSIN
△ LEBDA (FIR BDRY) 552225N 0123743E	NIL	10.4	FL 660 3500 FT MSL Class C			
						For continuation, see AIP Sweden

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				Odd	Even	
1	2	3	4	5		6
N866 (RNAV 5)						For continuation, see AIP Sweden
△ INVOL (FIR BDRY) 573916N 0111317E	NIL	6.3	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E	↓		Between INVOL-AAL cruising level ODD only above FL285
△ DETNA 573515N 0110409E	NIL	45.3				
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	43.5				
△ KEMEG 564315N 0085221E	NIL	27.0				
△ RAMME VOR/DME (RAM) 562842N 0081115E	NIL	27.6	FL 660 FL 195 Class C	↑		ATS provided by Copenhagen ACC between UPGAS - TIPAN
△ EVAKI 561422N 0072852E	NIL	33.6				
△ AMRAM 555637N 0063803E	NIL	54.6				
△ GOLUM 552700N 0051700E	NIL	15.7				
△ UPGAS (FIR BDRY) 551441N 0050000E	NIL				↓	
						For continuation, see AIP UK
N872 (RNAV 5)						For continuation, see AIP Sweden
△ KOPI (FIR BDRY) 560802N 0122954E	NIL	1.9	FL 660 3500 FT MSL Class C	↓		ATS provided by Sweden ACC above FL95 between KOPI and LASGI and above FL195 between KOPI and NAROL
△ LASGI 560648N 0122716E	NIL	10.1				
△ NAROL 560021N 0121330E	NIL	37.0				
△ DOBEL 553622N 0112324E	NIL	63.6	FL 660 FL 195 Class C			
△ ALSIE VOR (ALS) 545419N 0095936E	NIL	6.4	FL 195 3500 FT MSL Class E			
△ DEMIR (FIR BDRY) 545011N 0095110E	NIL					
						For continuation, see AIP Germany

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				Odd	Even	
1	2	3	4	5		6
N873 (RNAV 5)						For continuation, see AIP Germany
△ TUSKA (FIR BDRY) 550000N 0075234E	NIL	14.5	FL 660 FL 195 Class C	↓		CDR1: BAVTA-RADIS FL125- FL285 H24 AVBL: see EAUP/EUUP ALTN: BAVTA-P601-KEMEG- N866-AAL-N607-BAK
△ INSUS 551330N 0080157E	NIL	12.3	FL 195 FL 95 Class E			
△ MIKRO 552454N 0080959E	NIL					
△ BAVTA 553611N 0081800E	NIL	12.2	FL 660 FL 195 Class C		↑	
		39.3	FL 195 FL 105 Class E	↓		
△ GIKIV 560356N 0090708E	NIL		FL 105 FL 95 Class C			
△ INTET 561335N 0092441E	NIL	13.8	FL 660 FL 195 Class C			
△ RADIS 563230N 0095942E	NIL	27.2	FL 195 FL 95 Class E			
△ GOTEX 571218N 0111622E	NIL	58.0				
△ LOBBI (FIR BDRY) 571905N 0112953E	NIL	10.0				
						For continuation, see AIP Sweden
P15 (RNAV 5)						For continuation, see AIP Norway
△ DANKO (FIR BDRY) 570000N 0064152E	NIL	62.6	FL 660 FL 195 Class C		↓	ATS provided by Copenhagen ACC between VAXIT and REKNA
△ VAXIT (FIR BDRY) 563215N 0050000E	NIL			↑		
						For continuation, see AIP UK

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
P60 (RNAV 5)						Extremity of P60
△ ODIN VOR/DME (ODN) 553452N 0103911E	NIL	25.5	FL 660 FL 195 Class C	↓		CDR1: NISEM-EPILO FL125- FL285 H24 AVBL. see EAUP/EUUP ALTN: ODN-L975-BAVTA- L983-AMRAM
△ NISEM 553929N 0095456E	NIL		FL 195 FL 95 Class E			
△ EPILO 554940N 0082444E	NIL	52.0	FL 660 FL 195 Class C			
△ BAMPI 555034N 0081611E	NIL	4.9	FL 195 FL 105 Class E			
△ NARBA 555112N 0080650E	NIL	5.3	FL 105 FL 95 Class C			
△ NAVIK 555147N 0075811E	NIL	4.9	FL 660 FL 195 Class C			
△ NUGLO 555231N 0074652E	NIL	6.4				
△ AMRAM 555637N 0063803E	NIL	38.9				
△ NAMIK 562253N 0052627E	NIL	47.9				
△ VAXIT (FIR BDRY) 563215N 0050000E	NIL	17.4				
				↑		ATS provided by Copenhagen ACC between VAXIT and ARTEX
						For continuation, see AIP UK
P144 (RNAV 5)						For continuation, see AIP UK
△ SOPTO (FIR BDRY) 551820N 0050000E	NIL	13.0	FL 660 FL 195 Class C	↓		ATS provided by Copenhagen ACC between LARGA and SOPTO
△ GOLUM 552700N 0051700E	NIL					
△ BUSOM 555631N 0052341E	NIL	29.8			↑	
						Extremity of P144

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
P601 (RNAV 5)						Extremity of P601
△ BAVTA 553611N 0081800E	NIL	14.0	FL 660 FL 195 Class C	↓		
△ EPILO 554940N 0082444E	NIL		FL 195 FL 105 Class E			
△ IRKAM 560445N 0083222E	NIL	15.7	FL 105 FL 95 Class C			
△ KEMEG 564315N 0085221E	NIL	40.2				
△ OSGAM 571600N 0090800E	NIL	33.8	FL 660 FL 195 Class C			
△ LAGUM 572720N 0091606E	NIL	12.1	FL 195 FL 95 Class E			
△ NIROD (FIR BDRY) 580443N 0093700E	NIL	39.1			↑	
						For continuation, see AIP Norway
P602 (RNAV 5)						For continuation, see AIP Norway
△ AMSEV (FIR BDRY) 574031N 0084808E	NIL	96.6	FL 660 FL 195 Class C	↓		
			FL 195 FL 95 Class E			
△ PEVOR 560455N 0082440E	NIL		FL 660 FL 195 Class C			
		29.0	FL 195 FL 105 Class E			
△ BAVTA 553611N 0081800E	NIL		FL 105 FL 95 Class C		↑	
						Extremity of P602

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				Odd	Even	
1	2	3	4	5		6
P603 (RNAV 5)						For continuation, see AIP Netherlands
△ GREFI (FIR BDRY) 550000N 0055132E	NIL	49.0	FL 660 FL 195 Class C	↓		CDR1: GREFI-BUSOM H24 AVBL. see EAUP/EUUP ALTN: KARLI-P613-BAVTA- N873 or BUSOM-P144- GOLUM-N866
△ GARKA 554635N 0052540E	NIL					
△ BUSOM 555631N 0052341E	NIL	10.0				
△ NAMIK 562253N 0052627E	NIL	26.5				
△ KARLI (FIR BDRY) 570000N 0053027E	NIL	37.3			↑	
						For continuation, see AIP Norway
P605 (RNAV 5)						For continuation, see AIP Germany
△ MEGAR (FIR BDRY) 542806N 0113854E	NIL	13.3	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E	↓		
△ GESKA 543703N 0115557E	NIL					
△ KOSMO 550055N 0124349E	NIL	36.5				
△ MOSAT (FIR BDRY) 550231N 0124717E	NIL	2.6				
						For continuation, see AIP Sweden
P613 (RNAV 5)						Extremity of P613
△ BAVTA 553611N 0081800E	NIL	24.0	FL 660 FL 195 Class C		↓	
△ NUGLO 555231N 0074652E	NIL					
△ KARLI (FIR BDRY) 570000N 0053027E	NIL	101.5		↑		
						For continuation see AIP Norway

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				Odd	Even	
1	2	3	4	5		6
P614 (RNAV 5)						Extremity of P614
△ MIKRO 552454N 0080959E	NIL	14.9	FL 660 FL 195 Class C		↓	CDR1: RAM-RAMUD H24 AVBL. see EAUP/EUUP ALTN: BAVTA-P613-KARLI
△ BAVIL 553439N 0082948E	NIL	15.3	FL 195 FL 105 Class E			
△ EPILO 554940N 0082444E	NIL		FL 105 FL 95 Class C			
△ INLAN 560501N 0081929E	NIL	15.6				
△ RAMME VOR/DME (RAM) 562842N 0081115E	NIL	24.2	FL 660 FL 195 Class C			
△ RAMUD (FIR BDRY) 570326N 0073626E	NIL	39.6	FL 195 FL 95 Class E	↑		
						For continuation, see AIP Norway
P615 (RNAV 5)						For continuation, see AIP Germany
△ ALASA (FIR BDRY) 544831N 0095742E	NIL	5.9			↓	
△ ALSIE VOR (ALS) 545419N 0095936E	NIL	28.0				
△ ASBIL 552219N 0095938E	NIL					
△ RIDSI 553530N 0095939E	NIL	13.2	FL 660 FL 195 Class C			
△ ABINO 555806N 0095940E	NIL	22.6	FL 195 3500 FT MSL Class E			
△ LUTUS 560603N 0095940E	NIL	8.0				
△ RADIS 563230N 0095942E	NIL	26.5				
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	33.7				
△ ARTOR (FIR BDRY) 582004N 0100856E	NIL	74.0			↑	
						For continuation, see AIP Norway

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
P619 (RNAV 5)						Extremity of P619
△ BAVTA 553611N 0081800E	NIL	19.2	FL 660 FL 195 Class C		↓	
△ NAVIK 555147N 0075811E	NIL					
△ EVAKI 561422N 0072852E	NIL	28.0				
△ OKMAM 565346N 0063557E	NIL	49.1				
△ MITSU (FIR BDRY) 570000N 0062721E	NIL	7.8		↑		
						For continuation, see AIP Norway
P621 (RNAV 5)						Extremity of P621
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	53.3	FL 660 FL 195 Class C		↓	
△ NERDO (FIR BDRY) 575317N 0091342E	NIL		FL 195 3500 FT MSL Class E	↑		
						For continuation, see AIP Norway
P622 (RNAV 5)						Extremity of P622
△ MIKRO 552454N 0080959E	NIL	39.6	FL 660 FL 195 Class C		↓	CDR1: MIKRO-AAL FL125- FL285 H24 AVBL. see EAUP/EUUP ALTN: MIKRO-BAVTA-P601- KEMEG-N866-AAL
△ TOMGU 554709N 0090747E	NIL	17.5	FL 195 FL 105 Class E			
△ ERGAT 560337N 0091818E	NIL		FL 105 FL 95 Class C			
△ INTET 561335N 0092441E	NIL	10.6	FL 660 FL 195 Class C			
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	56.2				
△ RETKA (FIR BDRY) 575929N 0092619E	NIL	56.2		↑		
						For continuation, see AIP Norway

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
P729 (RNAV 5)						For continuation, see AIP Germany
△ DOSUR (FIR BDRY) 545131N 0091139E	NIL	22.6	FL 660 FL 245 Class C	↓		
△ TALSA 550625N 0094111E	NIL					
△ TUDLO 551633N 0103852E	NIL	34.6	FL 660 FL 195 Class C			
△ LUGAS 551947N 0105747E	NIL	11.3	FL 195 3500 FT MSL Class E			
△ OSKEV 552429N 0112622E	NIL	17.0				
△ KORSA VOR/DME (KOR) 552622N 0113754E	NIL	6.8	FL 660 3500 FT MSL Class C			
						Extremity of P729
P730 (RNAV 5)						Extremity of P730
△ TALSA 550625N 0094111E	NIL	92.8	FL 660 FL 245 Class C	↓		
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL					
						Extremity of P730
P850 (RNAV 5)						For continuation see AIP Norway
△ DANKO (FIR BDRY) 570000N 0064152E	NIL	7.1	FL 660 FL 195 Class C	↓		
△ OKMAM 565346N 0063557E	NIL					
△ GOLUM 552700N 0051700E	NIL	97.1		↑		
						Extremity of P850

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
P990 (RNAV 5)						Extremity of P990
△ MIKSI 561210N 0113527E	NIL	11.9	FL 660 FL 195 Class C		↓	CDR1: AAL-KOVIK H24 AVBL. see EAUP/EUUP ALTN: AAL-L621-AMSEV
△ ASLID 562047N 0112038E	NIL					
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	63.7	FL 195 3500 FT MSL Class E			
△ KOVIK (FIR BDRY) 573335N 0083427E	NIL	53.5		↑	↓	
						For continuation, see AIP Norway
P992 (RNAV 5)						For continuation, see AIP Germany
△ ATTUS (FIR BDRY) 545359N 0084658E	NIL	11.8	FL 660 FL 195 Class C		↓	CDR1: ATTUS-BAVTA H24 AVBL. see EAUP/EUUP ALTN: LBE-P615-ALS-DCT- BAVTA
△ ASMUS 550500N 0083931E	NIL		FL 195 FL 95 Class E			
△ SURIR 552544N 0082517E	NIL	22.3				
△ BAVTA 553611N 0081800E	NIL	11.3	FL 660 FL 195 Class C			
△ NARBA 555112N 0080650E	NIL	16.3	FL 195 FL 105 Class E			CDR1: NARBA-LINVI H24 AVBL. see EAUP/EUUP ALTN: BAVTA-P613-KARLI
△ LINVI (FIR BDRY) 570000N 0071338E	NIL	75.0	FL 660 FL 195 Class C	↑		
						For continuation, see AIP Norway
P999 (RNAV 5)						Extremity of P999
△ LANGO 545644N 0105123E	NIL	30.0	FL 660 FL 195 Class C		↓	
△ ALSIE VOR (ALS) 545419N 0095936E	NIL					
△ AMRAK (FIR BDRY) 544928N 0094502E	NIL	9.7	FL 195 3500 FT MSL Class E	↑		
						For continuation, see AIP Germany

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
Q280 (RNAV 5)						Extremity of Q280
△ GESKA 543703N 0115557E	NIL	9.1	FL 245 FL 195 Class C	↓		For continuation, see AIP Germany
△ NEDIK (FIR BDRY) 542911N 0120354E	NIL		FL 195 3500 FT MSL Class E		↑	
Q296 (RNAV 5)						For continuation, see AIP Germany
△ NIKDA (FIR BDRY) 543631N 0121708E	NIL	20.3	FL 660 FL 195 Class C		↓	Extremity of Q296
△ MONAK 545644N 0121849E	NIL		FL 195 3500 FT MSL Class E			
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL	4.0				
T55 (RNAV 5)						For continuation see AIP UK
△ TINAC (FIR BDRY) 561503N 0050000E	NIL	83.1	FL 660 FL 195 Class C	↓		ATS provided by Copenhagen ACC between TINAC and ITSUX
△ EVAKI 561422N 0072852E	NIL				↑	
△ INTET 561335N 0092441E	NIL	64.6				
△ LUTUS 560603N 0095940E	NIL	21.0	FL 660 FL 195 Class C	↓		CDR 1: EVAKI-LUTUS FL125- FL285 H24 AVBL: see EAUP/EUUP ALTN: EVAKI-P619-BAVTA- L983-TUDLO
△ TESPI 555354N 0103152E	NIL	21.8	FL 195 3500 FT MSL Class E			
△ ROSBI 555058N 0105555E	NIL	13.9				
△ INPUN 554704N 0112211E	NIL	15.3				
△ TRANO VOR/DME (TNO) 554627N 0112621E	NIL	2.4	FL 660 3500 FT MSL Class C			
						Extremity of T55

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
T56 (RNAV 5)						Extremity of T56
△ BAVTA 553611N 0081800E	NIL	34.8	FL 660 FL 195 Class C	↓		CDR 1: BAVTA-ABINO FL125- FL285 H24 AVBL. see EAUP/EUUP ALTN: BAVTA-L983-TUDLO
△ BEBUL 554846N 0091521E	NIL		FL 195 FL 105 Class E			
△ GIGUT 555544N 0094815E	NIL	19.8	FL 105 FL 95 Class C		↑	
△ ABINO 555806N 0095940E	NIL	6.8				
△ TESPI 555354N 0103152E	NIL	18.6	FL 660 FL 195 Class C	↓		
△ ROSBI 555058N 0105555E	NIL	13.9	FL 195 FL 95 Class E			
△ INPUN 554704N 0112211E	NIL	15.3				
△ TRANO VOR/DME (TNO) 554627N 0112621E	NIL	2.4	FL 660 3500 FT MSL Class C			
						Extremity of T56
T57 (RNAV 5)						Extremity of T57
△ GESKA 543703N 0115557E	NIL	23.7	FL 660 FL 195 Class C	↓		
△ MONAK 545644N 0121849E	NIL		FL 195 3500 FT MSL Class E			
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL	4.0				
						Extremity of T57

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
T59 (RNAV 5)						Extremity of T59
△ GESKA 543703N 0115557E	NIL	30.5	FL 660 FL 195 Class C		↓	
△ ROBUS 550634N 0114311E	NIL	15.4	FL 195 3500 FT MSL Class E			
△ KETAL 551605N 0112158E	NIL	7.5				
△ IBNIL 552141N 0113038E	NIL	6.3	FL 660 3500 FT MSL Class C			
△ KORSA VOR/DME (KOR) 552622N 0113754E	NIL					Extremity of T59
T138 (RNAV 5)						Extremity of T138
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	173.1	FL 660 FL 245 Class C	↑	↓	CDR1: H24 AVBL: see EAUP/EUUP ALTN: AAL-N866-T55-TINAC
△ TINAC (FIR BDRY) 561503N 0050000E	NIL					Extremity of T138
T148 (RNAV 5)						Extremity of T148
△ GODOG 561603N 0105832E	NIL	101.0	FL 660 FL 245 Class C		↓	
△ LOMPU (FIR BDRY) 543532N 0111210E	NIL					Extremity of T148
T153 (RNAV 5)						Extremity of T153
△ ALSIE VOR (ALS) 545419N 0095936E	NIL	31.7	FL 660 FL 195 Class C	↓		
△ TUDLO 551633N 0103852E	NIL		FL 195 3500 FT MSL Class E			Extremity of T153

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
T155 (RNAV 5)						Extremity of T155
△ KELOM 555003N 0111007E	NIL	52.9	FL 245 FL 195 Class C FL 195 3500 FT MSL Class E		↓	
△ KOPEX 545813N 0112804E	NIL	24.5	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E			
△ LOMPU (FIR BDRY) 543532N 0111210E	NIL					
						For continuation, see AIP Germany
T298 (RNAV 5)						For continuation, see AIP Germany
△ KOSEB (FIR BDRY) 544648N 0123552E	NIL	14.0	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E		↓	
△ MONAK 545644N 0121849E	NIL	4.0				
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL					
						Extremity of T298
T402 (RNAV 5)						For continuation, see AIP Sweden
△ AMSUR (FIR BDRY) 560602N 0123350E	NIL	19.5	FL 660 FL 195 Class C		↓	ATS provided by Sweden ACC between AMSUR and GOLMI
△ GOLMI 554638N 0123059E	NIL					
						Extremity of T402
T503 (RNAV 5)						Extremity of T503
△ NEXEN 544839N 0113731E	NIL	18.6	FL 660 FL 195 Class C FL 195 3500 FT MSL Class E		↓	
△ GIMRU (FIR BDRY) 543336N 0111849E	NIL					
						For continuation, see AIP Germany

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
T505 (RNAV 5)						Extremity of T505
△ GOLGA 561959N 0114142E	NIL	11.8	FL 660 FL 195 Class C	↓		CDR1: GODOG-RAM FL125- FL285 H24 AVBL. see EAUP/EUUP ALTN: ASLID-P990-AAL- L621-AMSEV
△ ASLID 562047N 0112038E	NIL					
△ GODOG 561603N 0105832E	NIL	13.2	FL 195 3500 FT MSL Class E	↓		CDR1: RAM-KARLI H24 AVBL. see EAUP/EUUP ALTN: RAM-N866-EVAKI- P619-MITSI
△ RAMME VOR/DME (RAM) 562842N 0081115E	NIL	93.9				
△ KARLI (FIR BDRY) 570000N 0053027E	NIL	93.9	FL 660 FL 195 Class C	↑		
						Extremity of T505
T506 (RNAV 5)						Extremity of T506
△ GOLGA 561959N 0114142E	NIL	21.1	FL 660 FL 195 Class C	↓		
△ LAPMA 563733N 0112051E	NIL					
						Extremity of T506
T508 (RNAV 5)						Extremity of T508
△ DISGO 550906N 0124401E	NIL	35.0	FL 660 FL 195 Class C	↓		
△ ROBUS 550634N 0114311E	NIL					
						Extremity of T508
T550 (RNAV 5)						Extremity of T550
△ CODAN VOR/DME (CDA) 550005N 0122245E	NIL	37.1	FL 660 FL 245 Class C	↓		
△ MARIP 544323N 0112515E	NIL					
						Extremity of T550

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
T551 (RNAV 5)						For continuation, see AIP Norway
△ BINRO (FIR BDRY) 580938N 0094710E	NIL	63.8	FL 660 FL 195 Class C		↓	
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL					
△ TESPI 555354N 0103152E	NIL	74.6	FL 195 3500 FT MSL Class E	↓		
△ ROSBI 555058N 0105555E	NIL	13.9				
△ INPUN 554704N 0112211E	NIL	15.3				
△ TRANO VOR/DME (TNO) 554627N 0112621E	NIL	2.4	FL 660 3500 FT MSL Class C			
						Extremity of T551
T600 (RNAV 5)						For continuation, see AIP Norway
△ NERDO (FIR BDRY) 575317N 0091342E	NIL	26.0	FL 660 FL 195 Class C		↓	
△ LAGUM 572720N 0091606E	NIL		FL 195 3500 FT MSL Class E	↑		
						Extremity of T600

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
Z32 (RNAV 5)						For continuation, see AIP Sweden
△ MOLUD (FIR BDRY) 562040N 0121607E △ ROKAM 561901N 0121100E △ TOBMI 561536N 0120342E △ KELOM 555003N 0111007E △ ODIN VOR/DME (ODN) 553452N 0103911E △ ALSIE VOR (ALS) 545419N 0095936E	NIL	3.3	FL 245 FL 95 Class C	↓	ATS provided by Sweden ACC FL95-FL245 between MOLUD and TOBMI, for details see AIP Sweden CDR1: ROKAM-ODN H24 AVBL. see EAUP/EUUP ALTN: ATRIB DCT TNO DCT ALS or for traffic via KELOM-T51: ATRIB DCT TNO DCT KOPEX	
	NIL	5.3	FL 95 3500 FT MSL Class E			
	NIL		FL 245 FL 195 Class C FL 195 3500 FT MSL Class E			
	NIL	39.3				
	NIL	23.1				
	NIL	46.4				
					↑	
						Extremity of Z32
Z700 (RNAV 5)						For continuation, see AIP Germany
△ GITER (FIR BDRY) 543840N 0110000E △ CODAN VOR/DME (CDA) 550005N 0122245E	NIL	52.3	FL 660 FL 245 Class C	↓		
	NIL					
						Extremity of Z700
Z701 (RNAV 5)						Extremity of Z701
△ CODAN VOR/DME (CDA) 550005N 0122245E △ MARIP 544323N 0112515E △ GOBOT (FIR BDRY) 543722N 0110510E	NIL	37.1	FL 660 FL 245 Class C	↓		
	NIL	13.1				
	NIL					

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
Z702 (RNAV 5)						Extremity of Z702
△ TALSA 550625N 0094111E	NIL	101.8	FL 660 FL 245 Class C	↓		ATS provided by Sweden ACC between AMTOT and EVBAS
△ AMTOT 560226N 0121049E	NIL					
△ EVBAS (FIR BDRY) 560844N 0122840E	NIL	11.8				
						For continuation, see AIP Sweden
Z703 (RNAV 5)						For continuation, see AIP Sweden
△ KULUD (FIR BDRY) 561538N 0121959E	NIL	11.1	FL 660 FL 195 Class C	↓		ATS provided by Sweden ACC between KULUD and ADVOP
△ ADVOP 560714N 0120702E	NIL					
△ ASVAN 560000N 0115600E	NIL	9.5				
△ ALSIE VOR (ALS) 545419E 0095936E	NIL	93.3				
△ KESUR (FIR BDRY) 545026N 0095315E	NIL	5.3	FL 660 FL 245 Class C			
						For continuation, see AIP Germany
Z704 (RNAV 5)						For continuation, see AIP Netherlands
△ AMADA (FIR BDRY) 550000N 0062100E	NIL	149.1	FL 660 FL 245 Class C	↓		CDR1: H24 AVBL. see EAUP/EUUP ALTN: N873-BAVTA-P601- TOR
△ RASVI (FIR BDRY) 571723N 0080258E	NIL					
						For continuation, see AIP Norway
Z705 (RNAV 5)						For continuation, see AIP Norway
△ RASVI (FIR BDRY) 571723N 0080258E	NIL	149.1	FL 660 FL 245 Class C	↓		CDR1: H24 AVBL. see EAUP/EUUP ALTN: PIPEX-P602-BAVTA- N873
△ AMADA (FIR BDRY) 550000N 0062100E	NIL					
						For continuation, see AIP Netherlands

Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
Z706 (RNAV 5)						For continuation, see AIP Germany
△ KOKOR (FIR BDRY) 542741N 0114124E	NIL	12.6	FL 660 FL 245 Class C	↓		
△ GESKA 543703N 0115557E	NIL					
△ NOVPO 560624N 0121428E	NIL	90.1				
						Extremity of Z706
Z708 (RNAV 5)						For continuation, see AIP Germany
△ KUGAL (FIR BDRY) 550000N 0073714E	NIL	43.0	FL 660 FL 245 Class C	↓		CDR1: H24 AVBL. see EAUP/EUUP ALTN: N873-BAVTA
△ BAVTA 553611N 0081800E	NIL					
						Extremity of Z708
Z709 (RNAV 5)						Extremity of Z709
△ BAVTA 553611N 0081800E	NIL	41.6	FL 660 FL 245 Class C	↓		CDR1: H24 AVBL. see EAUP/EUUP ALTN: BAVTA-N873 Not AVBL for traffic originating from EKBI, EKEB, and EKVJ
△ LANUL (FIR BDRY) 550000N 0074150E	NIL					
						For continuation, see AIP Germany
Z710 (RNAV 5)						Extremity of Z710
△ BAVTA 553611N 0081800E	NIL	32.6	FL 660 FL 245 Class C	↓ ↑		CDR1: H24 AVBL. see EAUP/EUUP ALTN: BAVTA-P992-LBE
△ LUTIR (FIR BDRY) 550351N 0082458E	NIL					
						For continuation, see AIP Germany
Z711 (RNAV 5)						For continuation, see AIP Germany
△ BAMOR (FIR BDRY) 542646N 0115029E	NIL	10.8	FL 660 FL 245 Class C	↓		
△ GESKA 543703N 0115557E	NIL					
						Extremity of Z711

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Route designator (RNP/RNAV) Name of significant points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper limit Lower limit Airspace classification	Direction of cruising levels		Remarks
				Odd	Even	
1	2	3	4	5		6
Z716 (RNAV 5)						Extremity of Z716
△ AALBORG VOR/DME (AAL) 570613N 0095944E	NIL	168.2	FL 660 FL 245 Class C	↓		CDR1: H24 AVBL. see EAUP/EUUP ALTN: AAL-N866-N581-VAXIT
△ VAXIT (FIR BDRY) 563215N 0050000E	NIL				↑	
						Extremity of Z716
Z731 (RNAV 5)						Extremity of Z731
△ ALSIE VOR (ALS) 545419N 0095936E	NIL	144.8	FL 660 FL 195 Class C	↓		
△ GOTEX 571218N 0111622E	NIL		FL 195 3500 FT MSL Class E			
△ MAKUR (FIR BDRY) 572547N 0112425E	NIL	14.2				
						For continuation, see AIP Sweden