ENR 3.4 HELICOPTER ROUTES

1. GENERAL

Helicopter routes have been established for the most used helicopter tracks in that part of the North Sea, where ATS is provided by Denmark (see chart ENR 3.4-14 and route description on the following pages). Helicopter routes in uncontrolled airspace are not mutually separated horizontally. Where helicopter routes are based on "Basic Area Navigation" with a navigational tolerance of 5 NM on each side of the centre line, this will be indicated in the column remarks in the route description.

Other traffic than civil helicopter operations are advised to:

a. avoid flying along or in close vicinity of a helicopter route, and

b. cross a helicopter route at an angle as close to 90º as possible and to keep an alert look out.

Furthermore, military air traffic are advised to avoid crossing helicopter routes between altitude 1000 FT AMSL and FL 90.

2. CRUISING LEVEL IN HELICOPTER ROUTES

Except during take-off and landing, civil helicopter operations should normally be carried out in levels not below 1500 FT MSL. For Minimum flight Altitude on specific routes see ENR 3.4-2 to 3.4-13 and for specific AMA (Area Minimum Altitude) see ENR 3.4-14.

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY610 (RNAV 5)				
▲ ASKEK 554726N 0035934E				Extremity KY610
▲ ADIKU 552050N 0041759E	160°/339° 28.6	FL85 / GND **G**	Not determined*	Copenhagen Information channel: 134.030
				For continuation see AIP Netherlands
KY615 (RNAV 5)				
▲ ASKEK 554726N 0035934E				Extremity KY615
▲ BELAP 552906N 0035946E	180°/360° 18.4	FL85 / GND **G**	Not determined*	Copenhagen Information channel: 134.030
				For continuation see AIP Netherlands
KY773 (RNAV 5)				
▲ OMIMA (FIR BDRY) 550000N 0063655E				Extremity KY773
	010°/190° 10.9	FL 85 / GND **G**	Not determined*	Copenhagen Information 124.005/246.350
▲ USULI 551044N 0064004E	034°/214° 20.5			
▲ ANESI 552746N 0070000E				Extremity KY773
KY776 (RNAV 5)				
▲ ADUNU (FIR BDRY) 550000N 0051217E				Extremity KY776
	301°/121° 8.2	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030
▲ GOVRA 550412N 0050000E	300°/120° 16.9			
▲ DIKAT 551240N 0043432E				Extremity KY776

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY777 (RNAV 5) ▲ DOROR (FIR BDRY)				Extremity KY777
▲ NUSRI 551428N 0070000E	340°/160° 15.5	FL85 / GND **G**	Not determined*	Copenhagen Information 124.005/246.350
▲ ANESI 552746N 0070000E	360°/180° 13.3			
				Extremity KY777
KY779 (RNAV1) ▲ DINOK 552330N 0075052E				Extremity KY779
▲ EKMOL 550503N 0073443E	204°/024° 20.7	FL 85 / GND **G**	1400 FT MSL	Copenhagen Information 124.005/246.350
▲ EVKAN (FIR BDRY) 550000N 0073744E	158°/338° 5.3		1400 FT MSL	
				Extremity KY779
KY781 (RNAV 5) ▲ EBUSA (FIR BDRY) 550000N 0055409E				Extremity KY781
▲ LUTAN 552812N 0060000E	007°/187° 28.5	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030
				Extremity KY781
KY782 (RNAV 5) ▲ BEGAK (FIR BDRY) 550000N 0072213E				Extremity KY782
▲ EKMOL 550503N 0073443E	055°/235° 8.8	FL 85 / GND **G**	Not determined*	Copenhagen Information 124.005/246.350
				Extremity KY782

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY787 (RNAV 5) ▲ TUTNU (FIR BDRY) 550000N 0064909E				Extremity KY787
	334°/154° 12.0	FL 85 / GND **G**	Not determined*	Copenhagen Information 124.005/246.350
▲ USULI 551044N 0064004E	308°/127° 28.8			
▲ LUTAN 552812N 0060000E				Extremity KY787
KY789 (RNAV 1) ▲ TUSKA (FIR BDRY) 550000N 0075234E				Extremity KY789
	355°/175° 23.6	FL 85 / GND **G**	1500 FT MSL	Copenhagen Information 124.005/246.350
▲ DINOK 552330N 0075052E	355°/175° 3.5		1400 FT MSL	
▲ PEGAM 552701N 0075036E				Extremity KY789
KY874 (RNAV 5) ▲ VESUV 554300N 0044501E				Extremity KY874
	233°/053° 11.0	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030 Below 3500 ft: TYRA Information: 118.425
▲ ROLVA 553622N 0042929E				Extremity KY874

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY875 (RNAV 1) ▲ ARVIG 552623N 0082849E				Extremity KY875
	260°/080° 10.8	FL 85 / GND **G**	1900 FT MSL	Copenhagen Information 124.005/246.350
▲ MIKRO 552454N 0080959E	263°/083° 5.6		1400 FT MSL	
▲ ODNAN 552431N 0080014E	257°/077° 5.4		1400 FT MSL	
▲ DINOK 552330N 0075052E	276°/096° 29.3		1400 FT MSL	
▲ ANESI 552746N 0070000E	269°/089° 34.2		1400 FT MSL	
▲ LUTAN 552812N 0060000E	268°/088° 2.2		1400 FT MSL	
▲ TABAP 552813N 0055612E	268°/088° 16.0		1400 FT MSL	
▲ DAVAL 552814N 0052804E	267°/087° 11.4		1400 FT MSL	
▲ WOZNI 552809N 0050759E	267°/087° 16.2		1400 FT MSL	
▲ NAVNI 552751N 0043930E	265°/085° 3.7		1400 FT MSL	
▲ BELUV 552741N 0043259E				Extremity KY875

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY876 (RNAV 5) ▲ ROLVA 553622N 0042929E				Extremity KY876
	100°/280° 9.2		Not determined*	Copenhagen Information 134.030 Below 3500 ft: TYRA Information: 118.425
▲ GOMLA 553447N 0044532E	088°/271° 24.9			
▲ TUXEN 553527N 0052938E	088°/271° 17.2	FL 85 / GND **G**		
▲ BEDRO 553552N 0060000E	088°/271° 33.9			Copenhagen Information 124.005/246.350
▲ KUNAR 553623N 0070000E	090°/271° 38.8			
▲ RERSO 553615N 0080826E	091°/271° 5.4	FL 85 / FL 75 **C** FL 75 / 3500 FT MSL **E** 3500 FT MSL / GND **G**		Esbjerg Information 120.155
▲ BAVTA 553611N 0081800E				Extremity KY876

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY877 (RNAV 1) ▲ OSBAR 560449N 0041349E				Extremity KY877
	093°/273° 9.5			
▲ AMTID 560355N 0043042E	093°/273° 12.9			
▲ EMBEG 560238N 0045338E	110°/290° 36.9			
▲ TAGIM 554819N 0055405E	104°/284° 3.5			
▲ ARBAG 554718N 0060000E	105°/285° 35.7			
▲ KUNAR 553623N 0070000E	105°/285° 30.2	FL 85 GND **G**	1400 FT MSL	Copenhagen Information 124.005/246.350
▲ PEGAM 552701N 0075036E	076°/256° 7.1			
▲ RIPRO 552821N 0080254E	076°/256° 4.1			
▲ IBOTA 552906N 0080955E	077°/257° 2.8			
▲ BANLU 552935N 0081445E	076°/256° 5.8			
▲ ESBJERG L (HP) 553041N 0082446E				Extremity KY877

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY878 (RNAV 5) ▲ NEBSA 554630N 0081700E				Extremity KY878
▲ ERITO 554831N 0080712E	290°/110° 5.9	**NEBSA - ERITO:** FL 85 / FL 75 **C**	Not determined*	
▲ NEBUM 555000N 0080000E	290°/110° 4.3			Copenhagen Information 124.005/246.350
▲ NIROX 555830N 0070000E	285°/103° 34.8	FL 75 / 3500 FT MSL **E** 3500 FT MSL / GND **G**		
▲ NARSU 560700N 0060000E	285°/103° 34.7	**ERITO - OTRAL**:		
▲ NARIG 561500N 0050000E	285°/103° 34.5	FL85 / GND **G**		
▲ NAMON 561807N 0043611E	285°/103° 13.6			Copenhagen Information 125.205
▲ OTRAL 562039N 0041619E	285°/103° 11.4			
				Extremity KY878

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY879 (RNAV 5) ▲ NEBUM 555000N 0080000E				Extremity KY879
▲ SISPU 561112N 0070000E	303°/122° 39.8	FL 85 / GND **G**	Not determined*	Copenhagen Information 124.005/246.350
▲ SISRA 561942N 0060000E	285°/104° 34.5			
▲ TALUL 562105N 0055032E	285°/104° 5.4			Copenhagen Information 125.205
▲ SISVI 562814N 0050000E	285°/104° 29.0			
▲ OMIRI 562858N 0045440E	285°/104° 3.1			
				Extremity KY879
KY881 (RNAV 1) ▲ PEGAM 552701N 0075036E				Extremity KY881
▲ TITOG 554541N 0070000E	301°/121° 34.3	FL 85 / GND **G**	1400 FT MSL	Copenhagen Information 124.005/246.350
▲ NARSU 560700N 0060000E	300°/120° 39.9		1400 FT MSL	
▲ OMIRI 562858N 0045440E	299°/119° 42.5		1400 FT MSL	
				Extremity KY881

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY882 (RNAV 1)				
▲ OKTIR 554317N 0044807E				Extremity KY882
	332°/152° 17.4	FL 85 / GND **G**	1600 FT MSL	Below 3500 ft: TYRA Information: 118.425
▲ PEMAD 555900N 0043453E	332°/152° 5.5		1400 FT MSL	Copenhagen Information South of 5600N: 134.030 North of 5600N: 125.205
▲ AMTID 560355N 0043042E	332°/152° 18.6		1400 FT MSL	
▲ OTRAL 562039N 0041619E				Extremity KY882
KY884 (RNAV 1)				
▲ DINOK 552330N 0075052E				Extremity KY884
	250°/070° 30.4	FL 85 / GND **G**	1600 FT MSL	Copenhagen Information 124.005/246.350
▲ NUSRI 551428N 0070000E				Extremity KY884
KY885 (RNAV 5)				
▲ OMIRI 562858N 0045440E				Extremity KY885
	224°/043° 15.0	FL 85 / GND **G**	Not determined*	Copenhagen Information 125.205
▲ NAMON 561807N 0043611E	224°/043° 18.3			
▲ OSBAR 560449N 0041349E				Extremity KY885

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY886 (RNAV 5) ▲ WOZNI 552809N 0050759E				Extremity KY886
▲ SUNEX 553154N 0045424E	298°/117° 8.6	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030 Below 3500 ft: TYRA Information: 118.425
▲ GOMLA 553447N 0044532E	298°/117° 5.8			
▲ VESUV 554300N 0044501E	358°/178° 8.2			
				Extremity KY886
KY887 (RNAV 5) ▲ OKTIR 554317N 0044807E				Extremity KY887
▲ TUXEN 553527N 0052938E	108°/289° 24.7	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030 Below 3500 ft: TYRA Information: 118.425
				Extremity KY887
KY888 (RNAV 5) ▲ WOZNI 552809N 0050759E				Extremity KY888
▲ TUXEN 553527N 0052938E	059°/239° 14.3	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030 Below 3500 ft: TYRA Information: 118.425
				Extremity KY888
KY889 (RNAV 5) ▲ GOMLA 553447N 0044532E				Extremity KY889
▲ LAVMA 552947N 0043641E	225°/045° 7.1	FL 85 / GND **G**	Not determined*	Copenhagen Information 134.030 Below 3500 ft: TYRA Information: 118.425
▲ BELUV 552741N 0043259E	225°/045° 3.0			
				Extremity KY889

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY892 (RNAV 1)				
▲ GAVPU 555244N 0081827E				Extremity KY892
	321°/141° 5.3		1600 FT MSL	
▲ OKVED 555700N 0081300E				
	287°/107° 4.4	FL 85 / GND **G**	1700 FT MSL	Copenhagen Information 124.005/246.350
▲ ORTUT 555828N 0080542E				
	287°/107° 39.0		1700 FT MSL	
▲ SISPU 561112N 0070000E				Extremity KY892
KY893 (RNAV 1)				
▲ DINOK 552330N 0075052E				Extremity KY893
	239°/059° 20.0	FL 85 / GND **G**	1400 FT MSL	Copenhagen Information 124.005/246.350
▲ JUTZU 551400N 0072000E				Extremity KY893
KY980 (RNAV 5)				
▲ DANOR 561207N 0033843E				For continuation, see AIP Norway
	145°/326° 31.3			
▲ GEGDA 554624N 0041026E				
	145°/326° 22.7	FL 85 / GND **G**	Not determined*	
▲ BELUV 552741N 0043259E				
	138°/318° 22.9			
▲ SORDA 551046N 0050000E				
	138°/318° 14.5			
▲ DANUM (FIR BDRY) 550000N 0051653E				Extremity KY980

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

▲ Compulsory REP

Route designation (RNP/RNAV) Name of significant point Coordinates	**Track** °M ↑/↓ **Distance** (NM)	**Upper limit** / **Lower limit** Airspace classification	**Minimum Flight altitude**	**Remarks** Controlling unit / channel
KY994 (RNAV 5) ▲ NOREM (FIR BDRY) 570000N 0054612E				For continuation, see AIP Norway
▲ TALUL 562105N 0055032E	177°/357° 39.1	FL 85 / GND **G**	Not determined*	Copenhagen Information North of 5600N: 125.205 South of 5600N: 134.030
▲ TAGIM 554819N 0055405E	177°/357° 32.9			
▲ TABAP 552813N 0055612E	177°/357° 20.2			
▲ TOTSA (FIR BDRY) 550000N 0055907E	177°/357° 28.3			
				Extremity KY994
KY995 (RNAV 1) ▲ NORSO (FIR BDRY) 570000N 0051030E				For continuation, see AIP Norway
▲ VABOB 562416N 0045953E	187°/007° 36.3	FL 85 / GND **G**	1400 FT MSL	Copenhagen Information North of 5600N: 125.205 South of 5600N: 134.030
▲ EMBEG 560238N 0045338E	187°/007° 22.0		1400 FT MSL	
▲ VAGAX 555923N 0045242E	187°/007° 3.3		1400 FT MSL	Copenhagen Information: 134.030 Below 3500 ft: TYRA Information: 118.425
▲ OKTIR 554317N 0044807E	187°/007° 16.3		1600 FT MSL	
				Extremity KY995

* Area minimum altitude in the North Sea: refer to ENR 3.4-14. Area minimum altitude over land: Refer to LFC Europe, Sheet 1 – Denmark

BLANK