
ENR 3.3 AREA NAVIGATION ROUTES

CONDITIONAL ROUTES (CDRs)

Purpose of CDRs

Conditional routes (CDRs) are designed to complement the permanent ATS route network and to allow flights to be planned on ATS routes, or portions thereof that are not always available. CDRs are established through potential areas of temporary segregation identified under the generic term Temporary Segregated Areas (TSAs) or Restricted (R) or Danger (D) areas.

The conditions for the use of CDRs will be daily promulgated in the national "Airspace Use Plans" (AUPs) and published in the "European Airspace Use Plans" (EAUPs) on the NOP portal and posted on Electronic ASM Information (eAMI) server, distributed by EUROCONTROL CFMU.

Categories of CDRs

CDRs are divided into three different categories according to their foreseen availability, their flight planning potential and the anticipated level of activity of the associated TSAs. In Vilnius FIR/UIR CDRs are established in category one only.

Category One (CDR 1)

Permanently plannable CDR.

Category One CDRs are CDRs expected to be available for most of the time.

CDR 1 will be flight planned the same way as permanent ATS routes during the times published in the AIP. Any re-routing around associated TSAs, R or D areas will be made on ATC instructions only.

For the calculation of fuel consumption, alternate routes are published in the "Remarks" column.

Routes not limited by any CDR remark are available H24/7.

Route	Page		Route	Page
L29	ENR-3.3-3		M990	ENR-3.3-22
L33	ENR-3.3-4		M994	ENR-3.3-23
L59	ENR-3.3-4		M996	ENR-3.3-24
L71	ENR-3.3-5		M997	ENR-3.3-25
L72	ENR-3.3-6		N5	ENR-3.3-25
L97	ENR-3.3-6		N9	ENR-3.3-26
L134	ENR-3.3-7		N182	ENR-3.3-27
L732	ENR-3.3-7		N183	ENR-3.3-28
L733	ENR-3.3-8		N616	ENR-3.3-29
L735	ENR-3.3-9		N619	ENR-3.3-30
L736	ENR-3.3-10		N623	ENR-3.3-30
L738	ENR-3.3-11		N858	ENR-3.3-31
L747	ENR-3.3-12		N994	ENR-3.3-32
L748	ENR-3.3-13		P31	ENR-3.3-33
L749	ENR-3.3-14		P141	ENR-3.3-33
L983	ENR-3.3-15		P156	ENR-3.3-34
M155	ENR-3.3-16		P185	ENR-3.3-35
M857	ENR-3.3-17		P733	ENR-3.3-36
M864	ENR-3.3-18		P870	ENR-3.3-37
M865	ENR-3.3-18		Y40	ENR-3.3-38
M870	ENR-3.3-19		Y130	ENR-3.3-38
M874	ENR-3.3-20		Y343	ENR-3.3-39
M983	ENR-3.3-21		Y344	ENR-3.3-39
M985	ENR-3.3-22			

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L29 (RNAV 5)		DIST 91.5 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only westbound.				
▲ LAFAT (FIR BDRY)		544952N 0254643E VNO 048° 20.5 NM (700 FT)			For continuation, see AIP BELARUS	
	236°	58.8 NM	FL 660 FL 095	Even		{C} (2)
△ UPASI		542312N 0241637E VNO 240° 38.6 NM (700 FT)				
	243°	32.7 NM	FL 660 FL 095	Even		{C} (1) PERM H24
▲ VABER (FIR BDRY)		541140N 0232425E VNO 241° 71.3 NM (700 FT)			For continuation, see AIP POLAND	
(2) PERM H24 When EYTSA 1 (at FL 110 or below) ACT expect ATC instructions for avoiding. Route extension up to 3 NM						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L33 (RNAV 5)	DIST 89.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz					
▲ LAKOD (FIR BDRY)	543906N 0224518E KNA 242° 49.2 NM (300 FT)				For continuation, see AIP RUSSIA	
	$\frac{100^\circ}{281^\circ}$	55.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ UPASI	542312N 0241637E VNO 240° 38.6 NM (700 FT)					
	$\frac{101^\circ}{281^\circ}$	34.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ SOGBI (FIR BDRY)	541247N 0251145E VNO 180° 25.7 NM (700 FT)				For continuation, see AIP BELARUS	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L59 (RNAV 5)	DIST 27.2 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz					
▲ BALIT (FIR BDRY)	554837N 0190528E KLP 270° 73.2 NM (100 FT)				For continuation, see AIP RUSSIA	
	$\frac{008^\circ}{188^\circ}$	27.2 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ VAGVO (FIR BDRY)	561459N 0191706E KLP 292° 73.4 NM (100 FT)				For continuation, see AIP LATVIA	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L71 (RNAV 5)		DIST 139.9 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ BOKSU (FIR BDRY)		541827N 0230333E VNO 249° 80.7 NM (700 FT)			For continuation, see AIP POLAND	
	$\frac{031^\circ}{211^\circ}$	21.1 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ ODUNI		543513N 0232525E KNA 218° 31.7 NM (300 FT)				
	$\frac{031^\circ}{211^\circ}$	63.4 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ NIVSA		552513N 0243257E VNO 324° 53.7 NM (700 FT)				
	$\frac{031^\circ}{212^\circ}$	19.4 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ ODLIT		554021N 0245416E VNO 341° 63.7 NM (700 FT)				
	$\frac{031^\circ}{212^\circ}$	36.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ LISGO (FIR BDRY)		560820N 0253417E VNO 358° 90.8 NM (700 FT)			For continuation, see AIP LATVIA	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L72 (RNAV 5)	DIST 108.7 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz					
▲ RUSNE (FIR BDRY)	551407N 0212617E KLP 162° 29.6 NM (100 FT)				For continuation, see AIP RUSSIA	
	047° 228°	108.7 NM	FL 660 FL 095	Odd	Even	{C} (1)
▲ ROLAV (FIR BDRY)	561756N 0240154E VNO 330° 108.9 NM (700 FT)				For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN routes: L738 or L747						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L97 (RNAV 5)	DIST 137.3 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz					
▲ RUSNE (FIR BDRY)	551407N 0212617E KLP 162° 29.6 NM (100 FT)				For continuation, see AIP RUSSIA	
	053° 234°	137.3 NM	FL 660 FL 095	Odd	Even	{C} (1)
▲ IRBEX (FIR BDRY)	562210N 0245731E VNO 346° 104.8 NM (700 FT)				For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN routes: L738 or L747						

Route Designator {RNP/RNAV Type}							[Route Usage Notes]						
Significant Point Name			Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks						
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks							
				↓	↑								
L134 (RNAV 5)							DIST 35.0 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz						
▲ RONUN (FIR BDRY)			554441N 0191945E KLP 267° 65.0 NM (100 FT)				For continuation, see AIP RUSSIA						
	$\frac{041^\circ}{221^\circ}$	35.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24							
▲ GARSO (FIR BDRY)			560846N 0200456E KLP 299° 47.0 NM (100 FT)				For continuation, see AIP LATVIA						

Route Designator {RNP/RNAV Type}							[Route Usage Notes]						
Significant Point Name			Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks						
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks							
				↓	↑								
L732 (RNAV 5)							DIST 90.8 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz						
▲ VILNIUS DVOR (VNO)			543810N 0251737E										
	$\frac{358^\circ}{178^\circ}$	49.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24							
△ UTENU			552743N 0252636E VNO 358° 49.9 NM (700 FT)										
	$\frac{359^\circ}{179^\circ}$	40.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24							
▲ LISGO (FIR BDRY)			560820N 0253417E VNO 358° 90.8 NM (700 FT)				For continuation, see AIP LATVIA						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L733 (RNAV 5)	DIST 95.5 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz					
▲ OTVOV (FIR BDRY)	552828N 0201730E KLP 241° 35.5 NM (100 FT)				For continuation, see AIP RUSSIA	
	048° 229°	95.5 NM	FL 660 FL 095	Odd	Even	{C} (1)
▲ ASKOR (FIR BDRY)	562258N 0223646E KLP 043° 61.1 NM (100 FT)				For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: L747						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L735 (RNAV 5)		DIST 77.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only westbound. From FL095 to FL280 AWY is bidirectional.				
▲ BADUS (FIR BDRY)		542318N 0253518E VNO 138° 18.1 NM (700 FT)			For continuation, see AIP BELARUS	
	$\frac{255^\circ}{074^\circ}$	44.5 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
△ DIMTA		541657N 0242009E VNO 231° 39.7 NM (700 FT)				
	$\frac{254^\circ}{074^\circ}$	33.1 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
▲ VABER (FIR BDRY)		541140N 0232425E VNO 241° 71.3 NM (700 FT)			For continuation, see AIP POLAND	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L736 (RNAV 5)		DIST 228.8 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ TIGNU (FIR BDRY)	553613N 0195018E KLP 258° 48.2 NM (100 FT)				For continuation, see AIP RUSSIA	
	$\frac{089^\circ}{269^\circ}$	50.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ IXURI	553154N 0211908E KLP 162° 11.4 NM (100 FT)					
	$\frac{089^\circ}{270^\circ}$	49.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ TOTRA	552635N 0224616E KNA 297° 53.2 NM (300 FT)					
	$\frac{090^\circ}{272^\circ}$	128.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ PODIL (FIR BDRY)	550812N 0262827E VNO 046° 50.8 NM (700 FT)				For continuation, see AIP BELARUS	
(2) PERM H24 - FL 660/FL 295 CDR 1 H24 - FL 295/FL 095 - ALTN route: M155 AGASA, N9 ESARA, L747 IXURI						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L738 (RNAV 5)		DIST 79.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ RUSNE (FIR BDRY)		551407N 0212617E KLP 162° 29.6 NM (100 FT)			For continuation, see AIP RUSSIA	
	$\frac{023^\circ}{204^\circ}$	62.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
△ SUBOR		560749N 0222050E KLP 051° 44.8 NM (100 FT)				
	$\frac{024^\circ}{204^\circ}$	17.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
▲ ASKOR (FIR BDRY)		562258N 0223646E KLP 043° 61.1 NM (100 FT)			For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: L747						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L747 (RNAV 5)	DIST 51.8 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz					
▲ RUCAV (FIR BDRY)	560426N 0210537E KLP 342° 22.1 NM (100 FT)				For continuation, see AIP LATVIA	
	$\frac{162^\circ}{342^\circ}$	19.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ ESARA	554524N 0211337E KLP 342° 02.5 NM (100 FT)					
	$\frac{162^\circ}{341^\circ}$	13.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ IXURI	553154N 0211908E KLP 162° 11.4 NM (100 FT)					
	$\frac{161^\circ}{341^\circ}$	05.4 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ VAGIS	552641N 0212114E KLP 162° 16.7 NM (100 FT)					
	$\frac{161^\circ}{341^\circ}$	02.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ EBUKA	552352N 0212223E KLP 162° 19.6 NM (100 FT)					
	$\frac{161^\circ}{341^\circ}$	10.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ RUSNE (FIR BDRY)	551407N 0212617E KLP 162° 29.6 NM (100 FT)				For continuation, see AIP RUSSIA	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L748 (RNAV 5)		DIST 100.3 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ LAKOD (FIR BDRY)		543906N 0224518E KNA 242° 49.2 NM (300 FT)			For continuation, see AIP RUSSIA	
	$\frac{092^\circ}{273^\circ}$	100.3 NM	$\frac{FL\ 660}{FL\ 195}$	Odd	Even	{C} (1) PERM H24
▲ BADUS (FIR BDRY)		542318N 0253518E VNO 138° 18.1 NM (700 FT)			For continuation, see AIP BELARUS	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L749 (RNAV 5)		DIST 210.5 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ TIGNU (FIR BDRY)	553613N 0195018E KLP 258° 48.2 NM (100 FT)				For continuation, see AIP RUSSIA	
	$\frac{097^\circ}{278^\circ}$	53.8 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ EBUKA	552352N 0212223E KLP 162° 19.6 NM (100 FT)					
	$\frac{098^\circ}{278^\circ}$	10.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ GILUT	552118N 0214019E KLP 141° 26.1 NM (100 FT)					
	$\frac{098^\circ}{279^\circ}$	38.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ AKUMA	551138N 0224511E KNA 281° 47.4 NM (300 FT)					
	$\frac{099^\circ}{279^\circ}$	53.5 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ NEDAM	545710N 0241451E KNA 087° 6.3 NM (300 FT)					
	$\frac{100^\circ}{281^\circ}$	54.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (3)
▲ ZENIT (FIR BDRY)	544023N 0254407E VNO 074° 15.6 NM (700 FT)				For continuation, see AIP BELARUS	
(2) PERM H24 - FL 660/FL 295 CDR 1 H24 - FL 295/FL 095 - ALTN route: M155 AGASA, N9 ESARA, L747 EBUKA (3) PERM H24 When EYTSA 1 (at FL 110 or below) ACT expect ATC instructions for avoiding. Route extension up to 5 NM						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
L983 (RNAV 5)		DIST 104.2 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ KRAKI (FIR BDRY)		545629N 0224405E KNA 262° 46.1 NM (300 FT)			For continuation, see AIP RUSSIA	
	$\frac{098^\circ}{278^\circ}$	17.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ VAKAL		545211N 0231229E KNA 254° 30.2 NM (300 FT)				
	$\frac{098^\circ}{279^\circ}$	87.2 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
▲ DUKAT (FIR BDRY)		542817N 0253655E VNO 124° 15.0 NM (700 FT)			For continuation, see AIP BELARUS	
(2) PERM H24 1. When EYD12 (at FL 180 or below) ACT expect ATC instructions for avoiding. Route extension up to 2 NM 2. When EYTSA6 (at FL 150 or below) ACT expect ATC instructions for avoiding. Route extension up to 5 NM						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M155 (RNAV 5)		DIST 104.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ TIGNU (FIR BDRY)	553613N 0195018E KLP 258° 48.2 NM (100 FT)				For continuation, see AIP RUSSIA	
	$\frac{056^\circ}{237^\circ}$	11.4 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
△ VALUV	554132N 0200759E KLP 263° 37.7 NM (100 FT)					
	$\frac{057^\circ}{237^\circ}$	11.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
△ AGASA	554651N 0202611E KLP 274° 27.7 NM (100 FT)					
	$\frac{057^\circ}{238^\circ}$	58.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
△ XARIN	561257N 0215857E KLP 034° 39.1 NM (100 FT)					
	$\frac{058^\circ}{238^\circ}$	23.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
▲ ASKOR (FIR BDRY)	562258N 0223646E KLP 043° 61.1 NM (100 FT)				For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: N619						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M857 (RNAV 5)		DIST 126.4 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only northbound. FL by ATC instructions.				
▲ BOKSU (FIR BDRY)		541827N 0230333E VNO 249° 80.7 NM (700 FT)			For continuation, see AIP POLAND	
	002°	34.2 NM	<u>FL 660</u> <u>FL 095</u>	Odd		{C} (1)
△ VAKAL		545211N 0231229E KNA 254° 30.2 NM (300 FT)				
	005°	34.9 NM	<u>FL 660</u> <u>FL 095</u>	Odd		{C} (1)
△ INBOV		552618N 0232436E KNA 315° 36.5 NM (300 FT)				
	005°	57.3 NM	<u>FL 660</u> <u>FL 095</u>	Odd		{C} (1)
▲ GUNTA (FIR BDRY)		562217N 0234520E VNO 327° 116.8 NM (700 FT)			For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: L71 ODLIT N994						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M864 (RNAV 5)	DIST 20.9 NM ATC is delegated to Riga ACC.					
▲ NINTA (FIR BDRY)	561344N 0181708E KLP 283° 104.4 NM (100 FT)				For continuation, see AIP SWEDEN	
	073° 253°	20.9 NM	FL 660 FL 095	Odd	Even	{C} (1) PERM H24
△ ADAXA (FIR BDRY)	561752N 0185354E KLP 290° 86.4 NM (100 FT)				For continuation, see AIP LATVIA	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M865 (RNAV 5)	DIST 228.9 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz					
▲ TIGNU (FIR BDRY)	553613N 0195018E KLP 258° 48.2 NM (100 FT)				For continuation, see AIP RUSSIA	
	084° 267°	228.9 NM	FL 660 FL 095	Odd	Even	{C} (1)
▲ BATKU (FIR BDRY)	552733N 0263304E VNO 033° 65.8 NM (700 FT)				For continuation, see AIP BELARUS	
(1) PERM H24 When EYTSA5 (at FL 130 or below) ACT expect ATC instructions for avoiding. Route extension up to 10 NM						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M870 (RNAV 5)		DIST 136.2 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ BERIL (FIR BDRY)		562147N 0232535E VNO 322° 121.8 NM (700 FT)			For continuation, see AIP LATVIA	
	$\frac{139^\circ}{320^\circ}$	68.2 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ NIVSA		552513N 0243257E VNO 324° 53.7 NM (700 FT)				
	$\frac{139^\circ}{320^\circ}$	05.5 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ IKAMU		552040N 0243813E VNO 325° 48.3 NM (700 FT)				
	$\frac{140^\circ}{320^\circ}$	62.5 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (3)
▲ DUKAT (FIR BDRY)		542817N 0253655E VNO 124° 15.0 NM (700 FT)			For continuation, see AIP BELARUS	
(2) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: N994 ODLIT, L71 NIVSA						
(3) PERM H24 When EYTSA 1 (at FL 110 or below) ACT expect ATC instructions for avoiding. Route extension up to 4 NM						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M874 (RNAV 5)		DIST 105.5 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ KRAKI (FIR BDRY)	545629N 0224405E KNA 262° 46.1 NM (300 FT)				For continuation, see AIP RUSSIA	
	$\frac{090^\circ}{271^\circ}$	68.3 NM	$\frac{FL 660}{FL 095}$	Odd	Even	{C} (1) PERM H24
△ ELEKA	544802N 0244120E VNO 288° 23.3 NM (700 FT)					
	$\frac{094^\circ}{275^\circ}$	37.2 NM	$\frac{FL 660}{FL 095}$	Odd	Even	{C} (2)
▲ ZENIT (FIR BDRY)	544023N 0254407E VNO 074° 15.6 NM (700 FT)				For continuation, see AIP BELARUS	
(2) PERM H24 When EYTSA 1 (at FL 110 or below) ACT expect ATC instructions for avoiding. Route extension up to 5 NM						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M983 (RNAV 5)		DIST 118.4 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ LUNIT (FIR BDRY)		561031N 0250931E VNO 350° 92.6 NM (700 FT)			For continuation, see AIP LATVIA	
	$\frac{170^\circ}{350^\circ}$	42.4 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ TAGOL		552817N 0251317E VNO 350° 50.3 NM (700 FT)				
	$\frac{170^\circ}{350^\circ}$	50.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ VILNIUS DVOR (VNO)		543810N 0251737E				
	$\frac{180^\circ}{001^\circ}$	25.7 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ SOGBI (FIR BDRY)		541247N 0251145E VNO 180° 25.7 NM (700 FT)			For continuation, see AIP BELARUS	

Route Designator {RNP/RNAV Type}							[Route Usage Notes]						
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)					Remarks						
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks							
				↓	↑								
M985 (RNAV 5)							DIST 135.1 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz						
▲ ERIVA (FIR BDRY)		562208N 0243749E VNO 341° 106.6 NM (700 FT)					For continuation, see AIP LATVIA						
	$\frac{197^\circ}{017^\circ}$	117.1 NM	FL 660 FL 095	Even	Odd	{C} (1)							
△ DETIG		543501N 0231534E KNA 225° 36.0 NM (300 FT)											
	$\frac{197^\circ}{016^\circ}$	18.0 NM	FL 660 FL 095	Even	Odd	{C} (1)							
▲ BOKSU (FIR BDRY)		541827N 0230333E VNO 249° 80.7 NM (700 FT)					For continuation, see AIP POLAND						
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: N994 ODLIT, L71													

Route Designator {RNP/RNAV Type}							[Route Usage Notes]						
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)					Remarks						
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks							
				↓	↑								
M990 (RNAV 5)							DIST 39.0 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz						
▲ GARSO (FIR BDRY)		560846N 0200456E KLP 299° 47.0 NM (100 FT)					For continuation, see AIP LATVIA						
	$\frac{233^\circ}{053^\circ}$	39.0 NM	FL 660 FL 095	Even	Odd	{C} (1) PERM H24							
▲ BALIT (FIR BDRY)		554837N 0190528E KLP 270° 73.2 NM (100 FT)					For continuation, see AIP RUSSIA						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M994 (RNAV 5)		DIST 95.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ BERIL (FIR BDRY)		562147N 0232535E VNO 322° 121.8 NM (700 FT)			For continuation, see AIP LATVIA	
	$\frac{218^\circ}{037^\circ}$	84.8 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1)
△ GILUT		552118N 0214019E KLP 141° 26.1 NM (100 FT)				
	$\frac{222^\circ}{042^\circ}$	10.8 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1)
▲ RUSNE (FIR BDRY)		551407N 0212617E KLP 162° 29.6 NM (100 FT)			For continuation, see AIP RUSSIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN routes: L738 or L747						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M996 (RNAV 5)		DIST 192.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ TIRIN (FIR BDRY)	560402N 0204452E KLP 317° 27.0 NM (100 FT)				For continuation, see AIP LATVIA	
	$\frac{112^\circ}{293^\circ}$	49.5 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ MANUX	554034N 0220208E KLP 090° 27.0 NM (100 FT)					
	$\frac{113^\circ}{293^\circ}$	28.7 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ TOTRA	552635N 0224616E KNA 297° 53.2 NM (300 FT)					
	$\frac{113^\circ}{294^\circ}$	58.7 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ NEDAM	545710N 0241451E KNA 087° 6.3 NM (300 FT)					
	$\frac{114^\circ}{294^\circ}$	17.8 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ ELEKA	544802N 0244120E VNO 288° 23.3 NM (700 FT)					
	$\frac{114^\circ}{295^\circ}$	37.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ DUKAT (FIR BDRY)	542817N 0253655E VNO 124° 15.0 NM (700 FT)				For continuation, see AIP BELARUS	
(2) PERM H24 When EYTSA3 (at FL130 or above) ACT expect ATC instructions for avoiding. Route extension up to 7 NM.						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
M997 (RNAV 5)		DIST 129.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ KRAKI (FIR BDRY)	545629N 0224405E KNA 262° 46.1 NM (300 FT)				For continuation, see AIP RUSSIA	
	$\frac{077^\circ}{259^\circ}$	129.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
▲ PODIL (FIR BDRY)	550812N 0262827E VNO 046° 50.8 NM (700 FT)				For continuation, see AIP BELARUS	
(1) PERM H24 When EYD9 (at FL 220 or below) ACT expect ATC instructions for avoiding. Route extension up to 5 NM.						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N5 (RNAV 5)		DIST 47.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ GARSO (FIR BDRY)	560846N 0200456E KLP 299° 47.0 NM (100 FT)				For continuation, see AIP LATVIA	
	$\frac{154^\circ}{335^\circ}$	47.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ AGONA (FIR BDRY)	552400N 0203312E KLP 226° 30.2 NM (100 FT)				For continuation, see AIP RUSSIA	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N9 (RNAV 5)		DIST 254.4 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ BALIT (FIR BDRY)		554837N 0190528E KLP 270° 73.2 NM (100 FT)				For continuation, see AIP RUSSIA
	$\frac{086^\circ}{267^\circ}$	45.6 NM	$\frac{FL 660}{FL 095}$	Odd	Even	{C} (1) PERM H24
△ AGASA		554651N 0202611E KLP 274° 27.7 NM (100 FT)				
	$\frac{087^\circ}{268^\circ}$	26.8 NM	$\frac{FL 660}{FL 095}$	Odd	Even	{C} (1) PERM H24
△ ESARA		554524N 0211337E KLP 342° 02.5 NM (100 FT)				
	$\frac{088^\circ}{270^\circ}$	182.0 NM	$\frac{FL 660}{FL 095}$	Odd	Even	{C} (1) PERM H24
▲ BATKU (FIR BDRY)		552733N 0263304E VNO 033° 65.8 NM (700 FT)				For continuation, see AIP BELARUS

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N182 (RNAV 5)		DIST 145.8 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only northbound. FL by ATC instructions.				
▲ TUMKI (FIR BDRY)		535654N 0235356E KNA 179° 61.1 NM (300 FT)			For continuation, see AIP BELARUS	
	352°	91.2 NM	<u>FL 660</u> <u>FL 095</u>	Even		{C} (1)
△ UGNIS		552751N 0234845E KNA 337° 31.5 NM (300 FT)				
	351°	54.6 NM	<u>FL 660</u> <u>FL 095</u>	Even		{C} (1)
▲ GUNTA (FIR BDRY)		562217N 0234520E VNO 327° 116.8 NM (700 FT)			For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: N616 ODUNI, L71 ODLIT, N994 ERIVA						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N183 (RNAV 5)		DIST 130.3 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ BALIT (FIR BDRY)	554837N 0190528E KLP 270° 73.2 NM (100 FT)				For continuation, see AIP RUSSIA	
	$\frac{100^\circ}{281^\circ}$	80.0 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ VAGIS	552641N 0212114E KLP 162° 16.7 NM (100 FT)					
	$\frac{101^\circ}{281^\circ}$	50.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ AKUMA	551138N 0224511E KNA 281° 47.4 NM (300 FT)					
(2) PERM H24 - FL 660/FL 295 CDR 1 H24 - FL 295/FL 095 - ALTN routes: N9 ESARA, L747 VAGIS						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N616 (RNAV 5)		DIST 160.4 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ MIRMA (FIR BDRY)		562521N 0220943E KLP 031° 52.5 NM (100 FT)				For continuation, see AIP LATVIA
	$\frac{154^\circ}{334^\circ}$	18.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ SUBOR		560749N 0222050E KLP 051° 44.8 NM (100 FT)				
	$\frac{154^\circ}{334^\circ}$	43.7 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (2)
△ TOTRA		552635N 0224616E KNA 297° 53.2 NM (300 FT)				
	$\frac{150^\circ}{330^\circ}$	33.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ ARLIT		545533N 0230957E KNA 260° 31.2 NM (300 FT)				
	$\frac{150^\circ}{330^\circ}$	3.7 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ VAKAL		545211N 0231229E KNA 254° 30.2 NM (300 FT)				
	$\frac{150^\circ}{330^\circ}$	18.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
△ ODUNI		543513N 0232525E KNA 218° 31.7 NM (300 FT)				
	$\frac{150^\circ}{330^\circ}$	41.9 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24
▲ TUMKI (FIR BDRY)		535654N 0235356E KNA 179° 61.1 NM (300 FT)				For continuation, see AIP BELARUS
(2) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: L747 IXURI, L736 TOTRA						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N619 (RNAV 5)		DIST 36.7 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ RONUS (FIR BDRY)	560525N 0202944E KLP 307° 33.9 NM (100 FT)				For continuation, see AIP LATVIA	
	$\frac{212^\circ}{031^\circ}$	36.7 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
▲ TIGNU (FIR BDRY)	553613N 0195018E KLP 258° 48.2 NM (100 FT)				For continuation, see AIP RUSSIA	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N623 (RNAV 5)		DIST 95.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ URIDO (FIR BDRY)	561649N 0243059E VNO 338° 102.3 NM (700 FT)				For continuation, see AIP LATVIA	
	$\frac{128^\circ}{309^\circ}$	95.6 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
▲ PODIL (FIR BDRY)	550812N 0262827E VNO 046° 50.8 NM (700 FT)				For continuation, see AIP BELARUS	
(1) PERM H24 When EYTSA4 (at FL 280 or below) ACT expect ATC instructions for avoiding. Route extension up to 4 NM.						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N858 (RNAV 5)		DIST 100.3 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only eastbound.				
▲ BOKSU (FIR BDRY)		541827N 023033E VNO 249° 80.7 NM (700 FT)			For continuation, see AIP POLAND	
	069°	42.1 NM	FL 660 FL 095	Odd		{C} (1) PERM H24
△ IRKAL		542902N 024131E VNO 249° 38.6 NM (700 FT)				
	061°	58.2 NM	FL 660 FL 095	Odd		{C} (1) PERM H24
▲ LAFAT (FIR BDRY)		544952N 025464E VNO 048° 20.5 NM (700 FT)			For continuation, see AIP BELARUS	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
N994 (RNAV 5)		DIST 121.7 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ DUKAT (FIR BDRY)	542817N 0253655E VNO 124° 15.0 NM (700 FT)				For continuation, see AIP BELARUS	
	$\frac{304^\circ}{124^\circ}$	15.0 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
△ VILNIUS DVOR (VNO)	543810N 0251737E					
	$\frac{341^\circ}{161^\circ}$	51.9 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
△ MURUN	552847N 0245840E VNO 341° 51.9 NM (700 FT)					
	$\frac{341^\circ}{161^\circ}$	11.9 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
△ ODLIT	554021N 0245416E VNO 341° 63.7 NM (700 FT)					
	$\frac{340^\circ}{160^\circ}$	42.9 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
▲ ERIVA (FIR BDRY)	562208N 0243749E VNO 341° 106.6 NM (700 FT)				For continuation, see AIP LATVIA	

Route Designator {RNP/RNAV Type}							[Route Usage Notes]	
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks		
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks		
				↓	↑			
P31 (RNAV 5)		DIST 29.1 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz						
▲ KEDUX (FIR BDRY)		561246N 0193424E KLP 294° 63.8 NM (100 FT)				For continuation, see AIP LATVIA		
	$\frac{208^\circ}{028^\circ}$	29.1 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24		
▲ BALIT (FIR BDRY)		554837N 0190528E KLP 270° 73.2 NM (100 FT)				For continuation, see AIP RUSSIA		

Route Designator {RNP/RNAV Type}							[Route Usage Notes]	
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks		
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks		
				↓	↑			
P141 (RNAV 5)		DIST 172.3 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz						
▲ EKLIN (FIR BDRY)		561930N 0213629E KLP 013° 38.6 NM (100 FT)				For continuation, see AIP LATVIA		
	$\frac{117^\circ}{299^\circ}$	172.3 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1) PERM H24		
▲ ZENIT (FIR BDRY)		544023N 0254407E VNO 074° 15.6 NM (700 FT)				For continuation, see AIP BELARUS		

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
P156 (RNAV 5)	DIST 168.5 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz					
▲ MIRMA (FIR BDRY)	562521N 0220943E KLP 031° 52.5 NM (100 FT)				For continuation, see AIP LATVIA	
	$\frac{143^\circ}{325^\circ}$	168.5 NM	$\frac{FL 660}{FL 095}$	Odd	Even	{C} (1) PERM H24
▲ BEGDA (FIR BDRY)	535828N 0243253E VNO 206° 47.6 NM (700 FT)				For continuation, see AIP BELARUS	

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
P185 (RNAV 5)		DIST 146.1 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only southbound. FL by ATC instructions.				
▲ BERIL (FIR BDRY)		562147N 0232535E VNO 322° 121.8 NM (700 FT)			For continuation, see AIP LATVIA	
	167°	55.2 NM	<u>FL 660</u> <u>FL 095</u>	Odd		{C} (1)
△ PELUT		552704N 0233637E KNA 325° 33.4 NM (300 FT)				
	167°	90.9 NM	<u>FL 660</u> <u>FL 095</u>	Odd		{C} (1)
▲ TUMKI (FIR BDRY)		535654N 0235356E KNA 179° 61.1 NM (300 FT)			For continuation, see AIP BELARUS	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN routes: L738 SUBOR, N616 or N994 ODLIT, L71 ODUNI, N616						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name	Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
P733 (RNAV 5)		DIST 33.6 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ GARSO (FIR BDRY)		560846N 0200456E KLP 299° 47.0 NM (100 FT)				For continuation, see AIP LATVIA
	$\frac{188^\circ}{008^\circ}$	33.6 NM	$\frac{FL\ 660}{FL\ 095}$	Even	Odd	{C} (1) PERM H24
▲ TIGNU (FIR BDRY)		553613N 0195018E KLP 258° 48.2 NM (100 FT)				For continuation, see AIP RUSSIA

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
P870 (RNAV 5)		DIST 124.2 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz Only southbound. FL by ATC instructions.				
▲ BERIL (FIR BDRY)		562147N 0232535E VNO 322° 121.8 NM (700 FT)			For continuation, see AIP LATVIA	
	179°	56.5 NM	<u>FL 660</u> <u>FL 095</u>	Even		{C} (1)
△ NAPOT		552541N 0231517E KNA 309° 39.6 NM (300 FT)				
	179°	30.3 NM	<u>FL 660</u> <u>FL 095</u>	Even		{C} (1)
△ ARLIT		545533N 0230957E KNA 260° 31.2 NM (300 FT)				
	179°	37.4 NM	<u>FL 660</u> <u>FL 095</u>	Even		{C} (2)
▲ BOKSU (FIR BDRY)		541827N 0230333E VNO 249° 80.7 NM (700 FT)			For continuation, see AIP POLAND	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: N994 ODLIT, L71 BOKSU or L738 SUBOR, N616 ARLIT						
(2) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 ALTN route: N994 ODLIT, L71 BOKSU						

Route Designator {RNP/RNAV Type} [Route Usage Notes]						
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
Y40 (RNAV 5) DIST 96.5 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz						
△ ARLIT		545533N 0230957E KNA 260° 31.2 NM (300 FT)				
	328° 148°	96.5 NM	FL 660 FL 095	Even	Odd	{C} (1) PERM H24
▲ LITPA (FIR BDRY)		562229N 0215639E KLP 026° 46.1 NM (100 FT)				For continuation, see AIP LATVIA

Route Designator {RNP/RNAV Type} [Route Usage Notes]						
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)				Remarks
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
Y130 (RNAV 5) DIST 96.9 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz						
▲ ERIVA (FIR BDRY)		562208N 0243749E VNO 341° 106.6 NM (700 FT)				
	132° 313°	96.9 NM	FL 660 FL 095	Odd	Even	{C} (1) PERM H24
▲ PODIL (FIR BDRY)		550812N 0262827E VNO 046° 50.8 NM (700 FT)				For continuation, see AIP BELARUS

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
Y343 (RNAV 5)		DIST 86.8 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz				
▲ NERIG (FIR BDRY)		551800N 0205500E KLP 199° 27.4 NM (100 FT)			For continuation, see AIP RUSSIA	
	$\frac{035^\circ}{215^\circ}$	86.8 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
▲ ASKOR (FIR BDRY)		562258N 0223646E KLP 043° 61.1 NM (100 FT)			For continuation, see AIP LATVIA	
(1) PERM H24 - FL 660/FL 285 CDR 1 H24 - FL 285/FL 095 - ALTN route: L747						

Route Designator {RNP/RNAV Type}		[Route Usage Notes]				
Significant Point Name		Significant Point Coordinates Reference VOR/DME ID BRG & DIST (ELEV of DME antenna)			Remarks	
{RNP/RNAV Type}	Track MAG ↓ / ↑	Geodesic DIST	Upper limit/ Lower limit	Direction of cruising levels		Controlling unit {Airspace class} Remarks
				↓	↑	
Y344 (RNAV 5)		DIST 163.8 NM Vilnius ACC FREQ: 132.280 MHz, 133.305 MHz, 135.380 MHz				
▲ ITVUL (FIR BDRY)		550827N 0214300E KLP 150° 38.2 NM (100 FT)			For continuation, see AIP RUSSIA	
	$\frac{082^\circ}{264^\circ}$	163.8 NM	$\frac{FL\ 660}{FL\ 095}$	Odd	Even	{C} (1)
▲ PODIL (FIR BDRY)		550812N 0262827E VNO 046° 50.8 NM (700 FT)			For continuation, see AIP BELARUS	
(1) PERM H24 When EYD9 (at FL 220 or below) ACT expect ATC instructions for avoiding. Route extension up to 2 NM						

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