

ENR 3.2 AREA NAVIGATION (RNAV) ROUTES**ENR 3.2.1 LOWER AREA NAVIGATION (RNAV) ROUTES**

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
L21 (RNAV 5)									
▲ IZERO (FIR BDRY) 413921N-0410632E						- Unidirectional westbound.			
△ ATCEF 413538N-0403801E							254	21.7	FL285 6500 FT AMSL
▲ OTOJE 411951N-0401544E							221	23.0	FL285 8500 FT AMSL
▲ TRABZON VOR (TBN) 405943N-0394744E								29.2	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L124 (RNAV 5)						
△ ERGUN 404447N-0344420E					- ERGUN-VAN segment: unidirectional eastbound - BTN ERGUN-VAN segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1	
△ ASVOD 400456N-0373422E	102	135.8	↓			
△ KONUK 393042N-0392805E	107	94.1				
△ EVSAS 391929N-0401119E	104	35.3				
▲ VAN VOR (VAN) 382758N-0431930E		155.7				
▲ ZELSU 381556N-0434659E	114 294	24.7	↓			
▲ BONAM (FIR BDRY) 380256N-0441759E		27.7				
			FL285 FL195		↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L223 (RNAV 5)						
▲ AGRI VOR (ARI) 393846N-0430137E						- Unidirectional eastbound.
▲ DASIS (FIR BDRY) 385431N-0441229E						
	122	70.5	FL285 FL195	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L333 (RNAV 5)						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						- BAG-DASIS segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports) - DASIS-LATGA segment: Bidirectional - BEYKOZ-LATGA segment unidirectional eastbound.
▲ VATCA 405851N-0293857E	105	24.6	FL285 FL145	↓		
△ ABJUM 405444N-0295140E	108	10.5				
▲ ASMAP 403753N-0304241E		42.3				
▲ RIPNU 403131N-0311237E	101	23.7				
▲ EVLIG 402758N-0312859E	102	13.0				
▲ ABISI 402146N-0315709E		22.4				
▲ LATGA 401953N-0320532E		6.7				
▲ BAGLUM VOR (BAG) 400412N-0324836E	111 291	36.5				
△ ELDEN 395435N-0352545E	090 270	120.9				
▲ SIVAS VOR (SIV) 394722N-0365336E		67.9				
△ ELNEM 394524N-0381153E	085 267	60.3				
△ EBEDI 394330N-0390725E		42.8				
▲ ERZINCAN VOR (ERN) 394230N-0393145E		18.8				
△ GELSU 393330N-0403325E	097 279	48.4				
△ NEGOL 392835N-0410445E		24.7				
△ LATSU 392515N-0412450E		15.9				
△ DORUK 391645N-0421107E		36.8				
▲ DASIS (FIR BDRY) 385431N-0441229E		96.9	↑			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L601 (RNAV 5)							
▲ ARTAT (FIR BDRY) 422150N-0293727E	133	59.6	FL285 FL195	↓		- Unidirectional eastbound. - ARTAT-BAG segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1	
△ NELNI 413703N-0303009E		15.1					
△ AKCAK 412544N-0304329E							
△ TUNCA 411359N-0310152E	124	18.2					
△ IVNAP 410527N-0311512E		13.2					
△ SALGO 402826N-0321158E		56.8					
▲ BAGLUM VOR (BAG) 400412N-0324836E		37.1					
△ EPHIK 393059N-0331540E	141	39.2					FL285 FL205
▲ BAKIR 392616N-0331928E		5.6					
△ AZBUL 392256N-0332143E	142	3.8					
△ URGUP 383116N-0340148E		60.4					
▲ SELVI 375356N-0342958E		43.4					
▲ KEMER 373603N-0344333E		20.9					
▲ ADANA VOR (ADA) 365626N-0351237E		45.9					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L602 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	309	26.1	FL285 FL205		↓	- Unidirectional westbound. - BUK-MAKOL segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV / 31 MAR from 1730 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ INLEV 371534N-0370517E		36.3				
▲ ADSEP 374109N-0363253E		17.6				
▲ SULAK 375339N-0361712E		204.7				
▲ CUBUK VOR (BUK) 401431N-0330618E		50.4				
▲ DEREL 404250N-0321136E	301	79.2	FL285 FL195			
△ AKCAK 412544N-0304329E		83.7				
▲ MAKOL (FIR BDRY) 421014N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L605 (RNAV 5)						
▲ RIXEN (FIR BDRY)						- RIXEN-YAVRU segment: unidirectional eastbound.
420456N-0284558E	117	119.7	FL285 FL265	↓		
▲ NAMAN						
405956N-0305958E		45.4				
▲ YAVRU	118 298	17.5		↓		
403456N-0314958E						
▲ KIZIK		36.8				
402506N-0320858E	123 303	46.4				
▲ BAGLUM VOR (BAG)						
400412N-0324836E						
▲ YUCEL		2.5	FL285 FL125			
393444N-0333507E						
△ AVCES		9.2				
393312N-0333736E		6.1				
▲ BALAX		5.7				
392727N-0334651E						
▲ ELQUL	125 307	18.9	FL285 FL185			
392335N-0335252E		2.5				
▲ BADOX		54.7				
391955N-0335831E		34.5	FL285 FL135			
▲ BELSU		27.9				
390751N-0341711E		8.5				
▲ KISLA		7.5	FL285 FL085			
390636N-0342000E		14.2				
▲ ERHAN						
383126N-0351344E			FL285 FL105			
▲ SOLSA						
380844N-0354644E						
▲ RATSI			FL285 FL085			
375014N-0361313E						
▲ NEKAT						
374437N-0362113E			FL285 FL105			
▲ REMPO						
373936N-0362820E						
▲ POGEN				↑		
373011N-0364137E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L605 (Continued)(RNAV 5)						
▲ POGEN 373011N-0364137E	125 307	22.2	FL285 FL105	↓	↑	
▲ ASBOM 371532N-0370229E		12.7				
▲ BOYAT 370715N-0371436E		15.1				
△ GAZIANTEP VOR (GAZ) 365705N-0372822E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L606 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	139	30.1	FL285 FL205	↓		- Unidirectional eastbound.
▲ ATVEP 412744N-0265713E		18.4				- See NOTAMs related with Jet activities within Balıkesir and Bandırma MTMAs effecting AWY L606
▲ ULMAR 411240N-0271113E		19.0				- TEKIRDAG-SONLU segment will only be available BTN 01 APR/01 NOV, 1730-0230 UTC, and 02 NOV/31 MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	144	69.9	FL285 FL195			
▲ LUTFU 395622N-0281100E		58.5				
▲ SONLU 390459N-0284759E		31.0	FL285 FL245			
▲ NESET 383753N-0290711E		57.6	FL285 FL195			
▲ CARDAK VOR (CRD) 374723N-0294215E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L610 (RNAV 5)						
▲ EKSEN 375326N-0304013E	331	22.4	FL285 FL195			- Unidirectional westbound.
▲ EKMIM 381405N-0302854E		19.4				
▲ UPKUL 383154N-0301903E		4.6				
▲ EMKUD 383610N-0301641E		20.1				
▲ OSGED 385434N-0300625E		8.5				
▲ PESOX 390224N-0300200E		6.2				
▲ SIVKU 390805N-0295848E		15.2				
△ APSER 392202N-0295054E		13.9				
▲ ETAMP 393447N-0294344E		21.6				
▲ EMGIM 395434N-0293232E		37.2				
▲ YALOVA VOR (YAA) 402830N-0291227E	34.3					
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	309	28.3	FL285 FL195			
△ FENER 411711N-0282128E		69.4				
▲ VADEN (FIR BDRY) 420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L614 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	119	41.7	FL285 FL175	↓		- ADORU-YAA VOR segment: unidirectional eastbound.
▲ ENESU 412831N-0271950E		33.5	FL285 FL115			
▲ CORLU VOR (CRL) 410903N-0275559E						
▲ YALOVA VOR (YAA) 402830N-0291227E	118	70.7	FL285 FL195	↓		
▲ EKDAM 402605N-0293702E	093 276	18.9				
▲ PIMAV 402402N-0295713E		15.5				
▲ TOKER 401848N-0304620E		37.8				
▲ YAMAN 401423N-0312526E		30.2				
▲ UMRUN 401110N-0315241E		21.1				
▲ PETAR 401016N-0320453E		9.4				
▲ BAGLUM VOR (BAG) 400412N-0324836E	094 275	34.0				
▲ KUBER 394956N-0333638E	104 283	39.5				
▲ GOBIT 394634N-0335313E	105 285	13.2				
△ JUPNE 393742N-0342422E		25.6				
▲ MARIF 392406N-0351058E		38.5				
▲ GEMEREK VOR (GEM) 390914N-0360143E		42.0				
▲ BULUT 384522N-0385408E	095 275	136.3				↑
▲ ELAZIG VOR (EZS) 384229N-0391326E		15.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L614 (Continued)(RNAV 5)							
▲ ELAZIG VOR (Ezs) 384229N-0391326E							
△ SORAR 383727N-0393045E	<u>104</u> 287	14.4	<u>FL285</u> FL195	↓			
△ TAMER 381426N-0404859E		65.5					
△ ULSAB 380833N-0410753E		16.0					
▲ ABKAL 380110N-0413155E		20.4					
▲ SIIRT VOR (SRT) 375438N-0415255E		17.8					
▲ VAKUL 375339N-0420830E	<u>090</u> 270	12.4	<u>FL285</u> FL165				
△ OTKEP 375133N-0423936E		24.7					
△ NARLI 374856N-0431459E		28.1					
△ DEKOP 374642N-0434814E		26.5					<u>FL285</u> FL135
△ DERIL 374404N-0442454E		29.2					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address						
				Odd	Even							
1	2	3	4	5		6						
L615 (RNAV 5)												
▲ VAN VOR (VAN) 382758N-0431930E	<u>308</u> 127	24.7	<u>FL285</u> FL195		↓							
▲ ESENK 384441N-0425617E		47.6										
△ DORUK 391645N-0421107E												
△ GOKSU 392934N-0415247E												
▲ SUSUZ 394051N-0413630E												
▲ ERZURUM VOR (ERZ) 395724N-0411225E												
▲ DAMAT 395722N-0403953E	<u>264</u> 083	25.0										
△ ARKIN 395705N-0395500E		34.5										
△ ORHAN 395651N-0393440E												
△ INTAB 395626N-0390607E												
△ VABEL VOR (EZN) 395613N-0385313E												
△ UTURI 395225N-0375829E	<u>259</u> 078	42.2										
△ OTSOV 394958N-0372553E		25.2										
▲ SIVAS VOR (SIV) 394722N-0365336E												
▲ OLPOT 395140N-0362138E	<u>275</u> 095	25.0										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L615 (Continued)(RNAV 5)						
▲ OLPOT						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L619 (RNAV 5)							
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	322	24.3	FL285 FL195	↓		- Unidirectional westbound. (1) Ref AIP TRNC ENR 3.3	
▲ EVKIT 361540N-0334516E		42.5				(2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.	
▲ MUT VOR (MUT) (1) 365146N-0331730E		109.9					
▲ OKLAM 380527N-0313458E	307	35.5					
▲ OSVEL 382855N-0310107E		68.4	- When there are military activities affecting OSVEL-YASEN segment of AWY L619 traffic will be vectored to AWY M855 or Q26 by ATC.				
▲ RAVGO 393249N-0303003E	331	109.0					
▲ YASEN 411156N-0293058E	340	60.7					
▲ MAKOL (FIR BDRY) 421014N-0290834E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address							
				Odd	Even								
1	2	3	4	5		6							
L620 (RNAV 5)													
▲ RIXEN (FIR BDRY)						(1) Ref AIP TRNC ENR 3.3 RIXEN-IST segment - Unidirectional eastbound. (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace. - AFYON VOR (KFK)- ISTANBUL VORTAC (IST) segment Unidirectional westbound.							
420456N-0284558E	173	12.7	FL285 FL195	↓									
▲ GINLI													
415216N-0284628E							7.5						
▲ TETSA													
414446N-0284645E								16.1					
▲ UNSAV													
412842N-0284723E	15.0												
△ FATIH													
411341N-0284758E		16.0											
▲ ISTANBUL VORTAC (IST)		324		34.4									
405741N-0284838E													
▲ YALOVA VOR (YAA)								331	37.2				
402830N-0291227E													
▲ EMGIM	21.6												
395434N-0293232E													
▲ ETAMP		13.9											
393447N-0294344E													
▲ APSER				29.9									
392202N-0295054E													
▲ OSGED				282		21.6							
385434N-0300625E													
▲ AFYON VOR (KFK)					29.4								
384814N-0303248E													
△ OSVEL								127 307					
382855N-0310107E													
△ HISAR													
380656N-0313228E													
▲ OKLAM													
380527N-0313458E													
▲ MUT VOR (MUT) (1)													
365146N-0331730E			142 322										
▲ EVKIT													
361540N-0334516E													
▲ VESAR (FIR BDRY) (2)													
355456N-0340058E													

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L621 (RNAV 5)						
▲ MUT VOR (MUT) 365146N-0331730E	352	69.2	FL285 FL195		↓	- Unidirectional westbound. - L621 will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1715 UTC to 0445 UTC and at weekends, public holidays stated on page GEN 2.1
▲ BUMOM 380052N-0331347E		133.9				
▲ CUBUK VOR (BUK) 401431N-0330618E		71.4				
△ LETBU 410757N-0320409E	32.7					
▲ EVLAP 413215N-0313509E	3.7					
△ ULVEX 413459N-0313152E	14.9					
△ UNSUL 414600N-0311831E	19.0					
△ ERMUP 420002N-0310122E	23.4					
△ RIXUB 421714N-0304008E	26.4					
▲ ODERO (FIR BDRY) 423638N-0301552E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L746 (RNAV 5)						
▲ DASIS (FIR BDRY) 385431N-0441229E	287	152.8	FL285 FL195		↓	- Unidirectional westbound - BTN ERZ- INB segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
△ SONAD 402505N-0394035E	284	75.5				
△ BAMLÄ 403825N-0385410E		38.0				
▲ CARSAMBA VOR (CRM) 411556N-0363256E		113.2				
△ GOKPA 414446N-0343541E	283	92.7				
▲ INEBOLU VOR (INB) 415705N-0334222E		41.7				
△ ADUMU 420417N-0330440E	279	29.0				
△ OLDUD 420958N-0323643E	280	21.6				
△ GIPDA 421449N-0321218E		18.8				
▲ ASBEP 421546N-0320726E	279	3.7				
△ EVGEG 422726N-0310627E		46.7				
▲ ODERO (FIR BDRY) 423638N-0301552E		38.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L851 (RNAV 5)							
▲ KUGOS (FIR BDRY) 424650N-0340516E	<u>106</u> 288	141.7	<u>FL285</u> FL245	↓			
△ KARDE 415414N-0370243E		30.1	<u>FL285</u> FL085				
△ OLUPO 414231N-0373943E	<u>108</u> 289						55.4
△ TOLUN 412024N-0384724E							
▲ ERIDU 411255N-0391011E	<u>110</u> 290	31.3	<u>FL285</u> FL055				
▲ TRABZON VOR (TBN) 405943N-0394744E							<u>129</u> 308
▲ BAVTI 403946N-0401517E	6.0	<u>FL285</u> FL115					
▲ NESTU 403537N-0402058E			12.0				
▲ GETKO 402717N-0403218E	18.0	<u>FL285</u> FL175					
▲ HOCAM 401445N-0404912E			25.0				
▲ ERZURUM VOR (ERZ) 395724N-0411225E	<u>096</u> 276	24.9					
▲ TAVUS 395211N-0414409			39.8				
▲ UZREB 394333N-0423434E		6.3					<u>FL285</u> FL115
△ INBAT 394209N-0424230E			15.1				
▲ AGRI VOR (ARI) 393846N-0430137E	<u>105</u> 285	10.0		<u>FL285</u> FL145			
▲ VOSWO 393509N-0431341E			42.9		<u>FL285</u> FL145		
▲ AGINA(FIR BDRY) 391924N-0440512E						↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L852 (RNAV 5)						
▲ TESVA (FIR BDRY)						- Unidirectional westbound. - TESVA/DEV MU segment will only be available BTN 01 APR/01 NOV 1730-0230 UTC, 02 NOV/31MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
381709N-0442947E						
△ ESENK	287	78.4	FL285 FL195		↓	
384441N-0425617E						
△ KESIR	292	77.5				
391855N-0412705E						
△ GELSU	285	44.1				
393330N-0403325E						
△ ESEPO	287	49.5				
395107N-0393330E						
△ LANVO	290	13.5				
395637N-0391731E						
△ PEVOP	289	26.8				
400728N-0384537E		30.6				
△ ODALI						
401940N-0380900E						
▲ NELPO	286	23.4				
402812N-0374033E		49.3				
△ APVAS						
404551N-0364005E	285	29.4				
405608N-0360345E		9.5				
△ ODPOT						
405925N-0355158E		48.4				
△ RUXEV						
411549N-0345144E	284	25.1				
△ EKSUK						
412409N-0342014E		9.7				
△ UPKAG						
412717N-0340807E		26.5				
△ VAXEB						
413549N-0333443E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L852 (Continued)(RNAV 5)						
△ VAXEB 413549N-0333443E	283	1.9	FL285 FL195		↓	- Unidirectional westbound.
△ ESOSU 413626N-0333217E		24.0				
△ TIVUG 414401N-0330152E		12.8				
△ EVPUV 414801N-0324534E		14.1				
△ DEV MU 415221N-0322740E		4.4				
△ EVPIM 415342N-0322200E	282	6.3	FL285 FL195			
△ BEDOP 415538N-0321358E		16.3				
△ MODAU 420033N-0315309E		22.6				
△ ODMAX 420717N-0312411E		71.2				
▲ NEGEM (FIR BDRY) 422742N-0295213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L854 (1, 2) (RNAV 5)						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	152	27.4	FL285 FL195	↓		- Unidirectional eastbound. (1) MARMA-KULA VOR (DEN) segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (2) Times other than those stated in remark (1) MARMA-KULA VOR (DEN) segment will also be used by tactical Civil Military Coordination.
△ MARMA 403138N-0273856E		42.8	FL285 FL105			
△ YAYLA 395156N-0275943E		36.5				
△ KUDAK 391756N-0281636E		16.0				
△ ESKIN 390300N-0282353E	156	29.9	FL285 FL195			
▲ BAGLU 383441N-0283610E	127	45.7				
▲ CARDAK VOR (CRD) 380416N-0291931E		24.7				
▲ SALDA 374723N-0294215E	130	19.9				
△ KOZLU 373319N-0300001E		5.0				
▲ BRONZ 372950N-0300428E		18.9				
▲ ANTALYA VOR (AYT) 371611N-0302058E		29.9				
365514N-0304740E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L867 (RNAV 5)						
▲ RILEX (FIR BDRY) 415816N-0264559E	134	39.1	FL285 FL175	↓		- Unidirectional eastbound.
△ ENESU 412831N-0271950E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M10 (RNAV 5)						
▲ SARPI (FIR BDRY) 413256N-0412659E	269	36.8	<u>FL285</u> FL085	↓		- Unidirectional westbound. - Will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1715 UTC to 0445 UTC and at weekends, public holidays stated on page GEN 2.1
△ ATCEF 413538N-0403801E		47.4				
△ ATVAM 413836N-0393459E		268	86.5			
△ OLUPO 414231N-0373943E	267	137.8	<u>FL285</u> FL115			
△ GOKPA 414446N-0343541E	265	70.2				
△ TIVUG 414401N-0330152E	264	32.9				
▲ HAKAN 414324N-0321754E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
M11 (RNAV 5)								
▲ CARSAMBA VOR (CRM) 411556N-0363256E	090 272	30.7	FL285 FL095	↓				
▲ TERME 411252N-0371329E		15.0	FL285 FL065					
▲ OSDUT 411124N-0373316E								
▲ EMLAD 411113N-0373705E								
△ ERKOS 410952N-0375302E								
△ ARSUG 410759N-0381620E								
▲ IPSAT 410619N-0383621E								
△ ARLAT 410549N-0384207E								
△ TEMEL 410326N-0390814E								
▲ TRABZON VOR (TBN) 405943N-0394744E							18.6	FL285 FL095
▲ EKTES 405907N-0401216E								
△ DELEL 405754N-0405325E								
▲ REBLO (FIR BDRY) 405024N-0434106E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
M19 (RNAV 5)							
▲ ADORU (FIR BDRY) 415218N-0263406E	124	29.8	FL285 FL155	↓		Unidirectional eastbound	
▲ IBODU 413316N-0270444E							
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	151	39.4					
▲ IVGUS 403408N-0273440E	157	23.9					
△ EFQAT 402106N-0273616E	169	13.1					
△ ADPEW 394229N-0272853E	183	39.0					
▲ OVZOK 392229N-0272508E		20.2					
▲ UNSAL 385953N-0272055E		22.8					
▲ TUFUB 383022N-0272430E	169	29.6					
▲ AFLUH 380955N-0272658E		20.5					
▲ UFQUM 375313N-0272857E		16.8					
▲ OZNEF 374121N-0273303E	159	12.3	FL285 8500 FT AMSL				
△ ALPUW 373525N-0273505E		6.2					
▲ YUNUS 364235N-0275300E			54.7				FL285 6500 FT AMSL

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M603 (RNAV 5)						
▲ GOLDO (FIR BDRY) 405256N-0261458E	260	33.2	FL285 FL195		▲ ↑	GELBU-GOLDO segment - Unidirectional westbound.
▲ BARPE 405534N-0265841E		7.4				
▲ GELBU 405607N-0270827E						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	<u>080</u> 260	13.0		▼ ↓	▲ ↑	
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	<u>083</u> 264	62.9				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	<u>051</u> 231	18.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M688 (RNAV 5)						
▲ BAYIR						- Unidirectional eastbound.
383541N-0412414E	122	24.7	FL285 FL195	↓		
△ ULTED						
382102N-0414934E						
△ EMBAG						
380736N-0421231E	26.7					
△ OTKEP						
375133N-0423936E	116	71.2				
▲ RATVO (FIR BDRY)						
371426N-0435604E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M853 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						- KUGOS-INB segment is not available for south bound traffic at or above FL310. - BUK -KUGOS segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02NOV/31 MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ OKLAM 380527N-0313458E	025 205	79.7	FL285 FL195	↓		
▲ CUBUK VOR (BUK) 401431N-0330618E		147.4				
▲ IBURA 410103N-0332225E	48.1					
▲ OSRIN 411816N-0332829E	17.8					
▲ INEBOLU VOR (INB) 415705N-0334222E	40.2					
▲ GAKSU 421121N-0334851E	014 194	15.1		↑		
▲ KUGOS (FIR BDRY) 424650N-0340516E		37.6				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
M854 (RNAV 5)									
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	327 146	14.8	FL285 FL195		↓	- GEM-INB segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02NOV/31 MAR1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1			
▲ ADRES 371017N-0372001E		6.2							
▲ ARPAG 371545N-0371628E		22.0							
△ DONDU 373511N-0370329E		15.0							
▲ ERMEM 374841N-0365511E		22.1							
▲ KEPES 380824N-0364227E		68.7							
▲ GEMEREK VOR (GEM) 390914N-0360143E		322 144					40.6		
△ USFAF 394350N-0353422E	12.6								
△ ELDEN 395435N-0352545E	5.9								
△ TIMOP 395931N-0352140E	53.5								
△ ERGUN 404447N-0344420E	86.1								
▲ INEBOLU VOR (INB) 415705N-0334222E	330 150	56.0					↑		
▲ SUMOL (FIR BDRY) 424756N-0331052E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M855 (RNAV 5)						
▲ TOMBI (FIR BDRY) (2) 360226N-0304928E	355 175	22.5	FL285 FL195		↓	(1) Ref AIP TRNC ENR 3.3 KFK-BKZ segment unidirectional westbound (2) All aircraft to enter Turkish Airspace via TOMBI entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to TOMBI entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the TOMBI entry/exit point shall not be permitted to enter Turkish Airspace.
▲ DERYA 362456N-0304843E		30.3				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E		29.9				
▲ KUMRU 372456N-0304358E	10.1					
△ ELMAS 373500N-0304230E	18.5					
△ EKSEN 375326N-0304013E	5.5					
△ LEMDA 375856N-0303925E	18.0					
▲ IRGAK 381650N-0303704E	31.6					
▲ AFYON VOR (KFK) 384814N-0303248E	328	44.0	FL285 FL125		↓	
▲ EDASA 392736N-0300728E	331	19.7				
▲ OTSIX 394542N-0295722E		10.0				
▲ SISPI 395453N-0295212E	330	79.9				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M856 (RNAV 5)						
▲ RAKUR (FIR BDRY) 424756N-0315652E	164	66.5	<u>FL285</u> FL195	↓		- Unidirectional eastbound.
△ HAKAN 414324N-0321754E		102.0				
▲ BAGLUM VOR (BAG) 400412N-0324836E		167	35.7			
△ OZCIM 392844N-0325417E	6.5					
▲ TELVO 392216N-0325518E	168	9.4	<u>FL285</u> FL205			
▲ ERKUK 391255N-0325635E		29.4				
▲ OKELI 384344N-0330100E		42.5				
▲ OBRUK 380126N-0330708E		70.2				
▲ MUT VOR (MUT) 365146N-0331730E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M859 (RNAV 5)						
▲ UDROS (FIR BDRY) 424420N-0303546E						- Unidirectional eastbound - M859 will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1715 UTC to 0445 UTC and at weekends, public holidays stated on page GEN 2.1
▲ BAMUP 423515N-0320103E	092	63.5	FL285 FL195	↓		
▲ ABKEV 423503N-0320254E	093	1.4				
▲ BIMVO 422722N-0330755E		48.6				
▲ VEPUM 422514N-0332502E	094	12.8				
▲ RERVA 422135N-0335333E		21.4				
▲ RUVOM 421737N-0342336E		22.6				
▲ OSDIP 421418N-0344755E	095	18.3				
△ EVKAM 420905N-0352447E		27.9				
▲ KARDE 415414N-0370243E		74.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M860 (RNAV 5)						
△ RENGI 382750N-0410448E						- NINVA-SRT VOR segment unidirectional westbound.
▲ SIIRT VOR (SRT) 375438N-0415255E						
▲ EFPEZ 373518N-0423919E						
▲ NINVA (FIR BDRY) 372100N-0431300E						
	124 306	50.4	FL285 FL195	↓	↑	
	294	41.6				
		30.3				
						↑

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M861 (RNAV 5)						
▲ CUBUK VOR (BUK) 401431N-0330618E	339 162.3 FL285 FL195 ↓					- Unidirectional westbound - BUK-RAKUR segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ RAKUR (FIR BDRY) 424756N-0315652E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
N37 (RNAV 5)									
▲ TRABZON VOR (TBN) 405943N-0394744E	↓								
▲ ODZOL 410741N-0401059E							059 239	19.3	FL285 FL085
▲ ATPUM 411136N-0402233E								9.6	
▲ ZUBRE 411215N-0402429E	1.6								
▲ IFEMU 412631N-0410719E	059 240	35.3							
▲ LAFNE 412906N-0411513E	060 240	6.5							
▲ SARPI (FIR BDRY) 413256N-0412659E		9.6	↑						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N61 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E						
△ GONPU 411802N-0415738E						
▲ NOLGA (FIR BDRY) 412541N-0425844E						
	075 255	99.8	FL285 FL245	↓	↑	
		46.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N127 (RNAV 5)						
▲ NEMOH (FIR BDRY) 384450N-0261752E						- For NEMOH and BENEM: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - NEMOH-IMR segment: 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC EXCEPT weekends and public holidays stated at GEN 2.1, MNM FL 240.
▲ IZMIR VOR (IMR) 381902N-0270026E	122 302	42.2	FL285 FL125	↓		
▲ UFQUM 375313N-0272857E		34.2	FL285 FL235			
▲ ULKAN 371809N-0280733E	135 314	46.6	FL285 FL135			
▲ SONEN 370917N-0281707E		11.7				
▲ KEKİK 370443N-0282204E		6.0				
△ DALAMAN VOR (DAL) 364122N-0284656E		30.7				
▲ BIRPU 361908N-0291029E	134 314	29.3		↑		
▲ BENEM (FIR BDRY) 361100N-0291900E		10.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N128 (RNAV 5)						
▲ NEMOH (FIR BDRY) 384450N-0261752E	<u>122</u> 302	42.2	<u>FL285</u> FL125	↓		- For NEMOH and BANRO: REF ENR 2.1-1 Istanbul FIR remarks column note (3). - NEMOH-IMR segment: 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1; MNM FL240.
▲ IZMIR VOR (IMR) 381902N-0270026E		45.1	8.5			
△ OKESA 373745N-0272311E						
▲ AKBUK 373000N-0272738E						
△ YOYYO 371706N-0273424E						
▲ YUNUS 364235N-0275300E						
▲ BANRO (FIR BDRY) 362941N-0275943E	14.0	↑				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N129 (RNAV 5)						
▲ DUGLA 392956N-0271328E						- When there are military training flights MNM usable FL 250.
▲ PIROX (FIR BDRY) 362900N-0280300E						- For PIROX: REF ENR 2.1-1 Istanbul FIR remarks column note (3).

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N131 (RNAV 5)						
▲ BELGI 403000N-0255300E						- Unidirectional eastbound
▲ CANAKKALE VOR (CNK) 400804N-0262536E	124	33.2	FL285 FL135	↓		- For BELGI: REF ENR 2.1-1 İstanbul FIR remarks column note (3).
▲ SUDES 394610N-0265336E	129	30.7				- For KULA VOR (DEN): Only available for traffic destined to Antalya Airport.
▲ DUGLA 392956N-0271328E	130	22.3				- AYT VOR-DOREN segment will only be authorized for traffic to or from Ercan (LCEN) Airport
▲ OVZOK 392229N-0272508E	127	11.7				- BELGI-NILER segment will only be available BTN 01 APR-01 NOV 1730-0230 UTC, 02 NOV-31 MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
△ NILER 390502N-0275211E		27.3				- NILER-KULA VOR (DEN) segment will only be available BTN 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1 MNM FL250. (1) Ref AIP TRNC ENR 3.3
△ KULA VOR (DEN) 383441N-0283610E		45.8				
▲ BAGLU 380416N-0291931E		45.7				
▲ CARDAK VOR (CRD) 374723N-0294215E	130	24.7				- The segment BTN AYT VOR-DOREN will only be authorized for traffic to or from Ercan Airport (LCEN). All operators shall file flight plans in accordance with this regulation.
▲ SALDA 373319N-0300001E		19.9				
△ KOZLU 372950N-0300428E		5.0				
▲ BRONZ 371611N-0302058E		18.9				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	111	29.9				
△ MANAV 364156N-0312128E		30.2				
▲ GELKI 363443N-0314051E		17.2				
△ VEMEK 362820N-0315520E		13.3				
▲ BATNU 360939N-0324326E		43.1				
▲ DOREN (FIR BDRY) 355556N-0331658E		30.4	FL285 FL115			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address						
				Odd	Even							
1	2	3	4	5		6						
N135 (RNAV 5)												
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	288 106	38.3	FL285 FL125		↓	- LAVTA-IMR VOR segment will only be available BTN 01 APR-01 NOV 0230-1730 UTC 02 NOV-31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1 MNM FL240 (1) Ref AIP TRNC ENR 3.3 (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.						
△ NEKES 360913N-0331705E		29.7										
△ TUKTU 362005N-0324258E		33.7										
△ ALNYA 363218N-0320402E		24.3										
▲ KULOL 364059N-0313537E		10.7										
△ ADASU 364504N-0312320E		30.3										
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	290 108	42.4			FL285 FL125							
△ ERGIN 371348N-0295958E		14.9										
△ NESIL 372035N-0294323E		15.9										
▲ BALSU 372730N-0292525E		37.8										
▲ LAVTA 374318N-0284212E		41.5										
▲ BAPSI 380008N-0275415E		3.8										
▲ KUMAN 380154N-0274958E	290 108	19.8						FL285 FL125				
▲ AFLUH 380955N-0272658E		22.8										
▲ IZMIR VOR (IMR) 381902N-0270026E												

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N136 (RNAV 5)						
▲ SOTIV 363300N-0282900E	<u>056</u> 235	16.7	<u>FL285</u> FL125	↓		- For SOTIV: REF ENR 2.1-1 İstanbul FIR remarks column note (3).
▲ DALAMAN VOR (DAL) 364122N-0284656E						
▲ OZYAK 370730N-0290836E	<u>028</u> 209	31.4	<u>FL285</u> FL095			
▲ SUNAT 371507N-0291459E		9.2				
▲ RIVBU 371938N-0291845E		5.5				
▲ BALSU 372730N-0292525E	<u>028</u> 208	9.5	<u>FL285</u> FL115			
▲ CARDAK VOR (CRD) 374723N-0294215E		24.0				
▲ DESEM 380908N-0300007E		25.9				
△ TEKDO 382020N-0300924E		13.4				
△ UPKUL 383154N-0301903E		13.8				
▲ AFYON VOR (KFK) 384814N-0303248E		19.6				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
N161 (RNAV 5)									
▲ ERZURUM VOR (ERZ) 395724N-0411225E	↓ ↑								
▲ ALVAR 395945N-0414435E							<u>078</u> 258	24.9	<u>FL285</u> FL115
△ YAVUZ 400240N-0422600E							<u>078</u> 259	32.0	
▲ BIRZU 400430N-0425611E							<u>079</u> 259	23.2	
▲ ELTOX 400559N-0432210E							<u>076</u> 256	20.0	<u>FL285</u> FL125
▲ INDUR (FIR BDRY) 400656N-0433953E								13.0	<u>FL285</u> FL115

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N374 (RNAV 1)						
▲ IĞDIR VOR (GDR)						
395821N-0435311E						
△ GEZSO						
394834N-0443636E						
▲ TUXAZ (FIR BDRY)	<u>100</u> 280	34.8	<u>FL285</u> 10500FT	↓	↑	
394229N-0444437E	<u>128</u> 309	8.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
N604 (RNAV 5)								
▲ AMANI	391956N-0262958E 32.0 394610N-0265336E 30.6 401111N-0271630E 7.2 401703N-0272155E 95.5 410737N-0290834E 20.1 412741N-0290848E 42.6					↓ ↑ ↓		- For AMANI: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - BEYKOZ-MAKOL segment: unidirectional westbound.
△ SUDES								
▲ INBET								
▲ BIGA VOR (BIG)								
▲ BEYKOZ VOR (BKZ)								
▲ ERTAS								
▲ MAKOL (FIR BDRY)								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N616 (RNAV 5)						
▲ RIXEN (FIR BDRY)						- Unidirectional eastbound. - IST-TUMER segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02 NOV/31 MAR 1700-0430UTC and at weekends, public holidays stated on page GEN 2.1
▲ 420456N-0284558E GINLI	173	12.7	FL285 FL195	↓		
▲ 415216N-0284628E TETSA		7.5				
△ 414446N-0284645E UNSAV		16.1				
△ 412842N-0284723E FATIH		15.0				
▲ 411341N-0284758E ISTANBUL VORTAC (IST)		16.0				
△ 405741N-0284838E OVACI	163	72.2				
▲ 394720N-0290915E DEDIM		24.1				
△ 392350N-0291607E TUMER		44.9				
▲ 383956N-0292813E CARDAK VOR (CRD)		53.8				
374723N-0294215E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N 617						
▲ MAKOL (FIR BDRY) 421014N-0290834E	356	42.6	FL285 FL195		▲ ↑	YALOVA VOR-IRGAK segment - Unidirectional eastbound. MAKOL-YALOVA VOR segment - Unidirectional westbound.
▲ ERTAS 412741N-0290848E		20.1				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E		39.3				
▲ YALOVA VOR (YAA) 402830N-0291227E	352					
△ ROXUK 395325N-0294307E	141	42.2	FL285 FL125	▼ ↓		
▲ RORMU 393112N-0295537E	151	24.2				
▲ ERVAG 390355N-0301058E		29.7				
▲ IRGAK 381650N-0303704E		51.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N618 (RNAV 5)						
▲ DALAMAN VOR (DAL) 364122N-0284656E	<u>299</u> 119	30.4	<u>FL285</u> 7500 FT AMSL		↓	- EKI-VADEN segment: unidirectional westbound.
▲ ERFES 365827N-0281537E		9.8				
▲ CENGO 370356N-0280528E		24.6				
▲ MILAS VOR (BDR) 371528N-0273816E	<u>293</u> 113	3.5				
△ YOYYO 371706N-0273424E		<u>331</u> 151	14.0			
▲ AKBUK 373000N-0272738E			8.5			
△ OKESA 373745N-0272311E	45.1					
▲ IZMIR VOR (IMR) 381902N-0270026E	<u>003</u> 184	41.4	<u>FL285</u> FL195			
▲ BERGO 385956N-0270758E		30.3				
▲ DUGLA 392956E-0271328E		19.0				
△ KONEN 394842N-0271638E		6.0				
▲ LEDLO 395439N-0271744E		4.4				
△ RAUMA 395902N-0271833E	18.2	↑				
▲ BIGA VOR (BIG) 401703N-0272155E	<u>358</u> 178			40.2		
▲ TEKIRDAG VOR (EKI) 405703N-0272534E				38.0		
△ SERCE 413438N-0271833E		346		29.6		
▲ VADEN (FIR BDRY) 420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
N644 (RNAV 5)							
▲ DIGTI (FIR BDRY) 410731N-0261917E	084	16.0	FL285 FL115	↓		- DIGTI-BKZ VOR segment unidirectional eastbound	
▲ NONDU 410747N-0264029E		77.5					
▲ TIRER 410811N-0282303E		34.4					
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	085		↓				
▲ YASEN 411156N-0293058E	071 253	17.4			FL285 FL125		
△ PAZAR 411756N-0295958E		22.6					
▲ AKCAK 412544N-0304329E	071 251	33.7			FL285 FL145		
▲ GUMRU 413256N-0312058E	070 250	29.1					
△ HAKAN 414324N-0321754E	071 253	43.9			FL285 FL115		
△ MIMTO 415049N-0330248E		34.3					
▲ INEBOLU VOR (INB) 415705N-0334222E		30.2					
▲ SINOP VOR (SIN) 420123N-0350434E	079 260	61.4				↑	
△ KARDE 415414N-0370243E	085 268	88.4			FL285 FL175		
△ FALAZ 415040N-0393100E		110.8					
△ ZERGE 414918N-0400736E	086 269	27.4	FL285 FL085				
▲ ROLIN (FIR BDRY) 414757N-0403923E		23.8					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
N743 (RNAV 5)									
▲ UDROS (FIR BDRY) 424420N-0303546E	↓								
△ ABSAX 422001N-0323501E							100	91.5	<u>FL285</u> FL195
▲ GAKSU 421121N-0334851E							094	55.5	
△ RUVOM 421737N-0342336E							071	26.6	<u>FL285</u> FL205
▲ ODIRA (FIR BDRY) 424232N-0365453E								114.6	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P29 (RNAV 5)						
▲ SUMOL (FIR BDRY) 424756N-0331052E	182	20.7	FL285 FL195	↓		- Unidirectional east bound
▲ BIMVO 422722N-0330755E		36.7				- SUMOL-BAG segment will only be available BTN 01 APR/01 NOV 1730/0230 UTC. 02 NOV/31 MAR 1700/0430 UTC and at weekends, public holidays stated on page GEN 2.1 MNM FL200.
▲ MIMTO 415049N-0330248E		23.8				
▲ TEPKI 412712N-0325934E		83.5				
▲ BAGLUM VOR (BAG) 400412N-0324836E						
△ HALIL 392326N-0322128E	204	45.8	FL285 FL205			
△ HISAR 380656N-0313228E		85.6				
△ DAMLA 372141N-0310518E		50.1	FL285 FL115			
▲ ANTALYA VOR (AYT) 365514N-0304740E		30.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P146 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E	108	28.8	FL285 FL165	↓		- Unidirectional eastbound
▲ MILQO 404745N-0402209E		93.8				
▲ WIDAR 400732N-0421303E						
△ YAVUZ 400240N-0422600E	110	11.1				
▲ ALVUH 394839N-0424659E	124	21.4				
▲ AGRI VOR (ARI) 393846N-0430137E		15.0				

[illegible][illegible]

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P975 (RNAV 5)						
▲ ARTAT (FIR BDRY) 422150N-0293727E						- Unidirectional east bound - ARTAT-ELAZIG segment will only be available BTN 01 APR/01 NOV from 1700 UTC to 0200 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0415 UTC and at weekends, public holidays stated on page GEN 2.1
△ ERMUP 420002N-0310122E	104	66.1		↓		
△ ROKVA 414945N-0313926E	105	30.2				
▲ NAPIP 414824N-0314420E		3.9				
△ UNVUS 414142N-0320829E		19.3				
△ ASMOB 414010N-0321358E		4.4				
△ RELTU 413839N-0321924E		4.4				
△ APTOX 413535N-0323015E		8.7				
△ TEPKI 412712N-0325934E		23.6				
▲ PIPUR 412104N-0331420E		114	12.7			
△ ORMAN 411731N-0332309E	7.5					
△ ERGUN 404447N-0344420E	69.6					
▲ SIVAS VOR (SIV) 394722N-0365336E	114.3					
▲ NUNTU 393447N-0372135E	25.0					
△ VEVEN 392710N-0373818E	15.0					
▲ ARPUT 385032N-0385631E	71.0					
▲ ELAZIG VOR (EZS) 384229N-0391326E	15.5					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Q26 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address					
				Odd	Even						
1	2	3	4	5		6					
T30 (RNAV 5)											
▲ ATGIT 381205N-0294457E	006	57.0	FL285 FL095			- Unidirectional westbound.					
▲ SIVKU 390805N-0295848E		18.0									
▲ KARGI 392545N-0300316E											
▲ OTSIX 394542N-0295722E	342	20.4									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T32 (RNAV 5)						
▲ CUBUK VOR (BUK) 401431N-0330618E	291	150.1	FL285 FL195		▲	- GEM-BUK segment: Unidirectional westbound. - BUK-GEM segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports)
▲ GEMEREK VOR (GEM)						
△ 390914N-0360143E UREBO	106 287	56.5	FL285 FL145	↓		
384722N-0370839E		49.5				
▲ MALATYA VOR (ERH) 382745N-0380643E	103 284	33.6				
△ ASKER 381637N-0384705E		14.6				
△ DIGIL 381143N-390438E		8.0				
▲ MOVUL 380910N-0391355E		49.0				
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E		046 226				
▲ SUMAP 380702N-0403624E	12.3					
△ TAMER 381426N-0404859E	4.1		FL285 FL135			
△ EKMIN 381703N-0405304E	14.3					
△ BALIM 382547N-0410727E	16.5		FL285 FL125			
△ BAYIR 383541N-0412414E	15.2					
▲ MUS VOR (MUS) 384500N-0413940E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T35 (RNAV 5)							
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	152	68.4	FL285 FL245	↓		- Unidirectional eastbound.	
▲ RATVU 395424N-0292242E		17.3	FL285 FL205				
▲ NUMTI 393828N-0293127E	153	48.2	FL285 FL245				
▲ DOKUB 385328N-0295344E	154	35.3	FL285 FL195				
▲ TEKDO 382020N-0300924E	155	5.7	FL285 FL175				
▲ UNEPI 381458N-0301152E		14.9					
▲ BABSA 380056N-0301818E		69.7	FL285 FL175				
▲ ANTALYA VOR (AYT) 365514N-0304740E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address					
				Odd	Even						
1	2	3	4	5		6					
T36 (RNAV 5)											
▲ ELAZIG VOR (EVS)						- Elaziğ VOR-ULKEM and DERIL-ALRAM segments are unidirectional eastbound.					
384229N-0391326E											
△ ASPUL							093	56.6			
383306N-0402446E								31.8			
△ RENGİ											
382750N-0410448E							35.8				
△ ULTED											
382102N-0414934E								28.3			
△ LIVDO											
381541N-0422450E							096		45.8	FL285 FL205	
△ ULKEM											
380638N-0432153E								110 290			54.7
△ DERİL											
374404N-0442454E							090		9.6		
▲ ALRAM (FIR BDRY)											
374230N-0443736E											

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T39 (RNAV 5)						
▲ KULA VOR (DEN)	↓					- KULA VOR (DEN)-LAMSA segment will not be used BTN FL200-FL250 if there are military flights.
383441N-0283610E						
▲ IPGIG						
375041N-0291713E						
▲ NESIL						
372035N-0294323E						
▲ LAMSA						
370639N-0295522E	141	36.6	<u>FL285</u> FL125			
▲ EDISI		16.9				
365057N-0300847E	19.0					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T44 (RNAV 5)						
△ MARMA 403138N-0273856E						- Unidirectional eastbound.
▲ ALEDA 395139N-0275022E	163	40.9	<u>FL285</u> FL125			
▲ MINSU 390504N-0280322E		47.6	<u>FL285</u> FL175			
△ KULA VOR (DEN) 383441N-0283610E	135	39.7	<u>FL285</u> FL235			
△ LAVTA 374318N-0284212E	170	51.5	<u>FL285</u> FL145			
▲ ATSAL 373001N-0284308E	171	13.3	<u>FL285</u> FL115			
△ KAVAK 372126N-0284358E		8.6				
▲ DALAMAN VOR (DAL) 364122N-0284656E		40.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T54 (RNAV 5)						
▲ SITRU (FIR BDRY) 380626N-0261758E						- For SITRU: REF ENR 2.1-1 İstanbul FIR remarks column note (3)
▲ IZMIR VOR (IMR) 381902N-0270026E	064 244	35.7	FL285 FL065	↓		
△ LASON 382305N-0272710E	073 253	21.4	FL285 FL095			
△ VAKUM 383008N-0281529E		38.6				
△ KULA VOR (DEN) 383441N-0283610E	070 250	16.9	FL285 FL135			
△ NESET 383753N-0290711E	078 258	24.5				
△ TUMER 383956N-0292813E	076 257	16.6				
△ KINIK 384356N-0295958E		25.1	FL285 FL095			
▲ AFYON VOR (KFK) 384814N-0303248E		26.0				
△ ROLVI 391304N-0314841E	063 244	64.1				
△ HALIL 392326N-0322128E		27.5				
▲ HAYMANA NDB (HAY) 392612N-0323034E		7.6				
△ OZCIM 392844N-0325417E	076 256	18.5	FL285 FL195			
△ EPHIK 393059N-0331540E		16.7				
▲ AVCES 393312N-0333736E		17.1				
△ JUPNE 393742N-0342422E	076 257	36.4	FL285 FL195			
▲ USFAF 394350N-0353422E	077 258	54.4				
△ ZACUF 394701N-0361437E	080 261	31.2			↑	
▲ SİVAS VOR (SIV) 394722N-0365336E		30.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T57 (RNAV 5)									
▲ VICEN 403957N-0301803E	Unidirectional eastbound.								
△ ZAPWI 403203N-0303129E						121	12.9	FL285 FL115	↓
△ BEZWU 402947N-0304414E						097	10.0		
▲ VEVUD 402251N-0311320E						101	23.3		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T58 (RNAV 5)							
▲ KUXIL 372851N-0290018E					Unidirectional eastbound.		
▲ IPGIG 375041N-0291713E	027	25.6	↓				
▲ ATGIT 381205N-0294457E	041	30.6					
▲ EMKUD 383610N-0301641E		34.7					FL285 FL095
▲ AFYON VOR (KFK) 384814N-0303248E		17.5					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T62 (RNAV 5)						
▲ TELVO 392216N-0325518E	202 021	103.4	<u>FL285</u> FL215		↓	- TELVO-KONAK segment will only be available BTN 31 MAY-01 NOV from 1730-0230 UTC and at weekends, public holidays as stated in section GEN 2.1 or instructed by ATC.
▲ RUKAP 374915N-0315758E		30.2				
▲ VAPEK 372200N 0314140E		18.1	<u>FL285</u> FL105			
▲ PIDEV 370539N-0313200E		13.2				
▲ KONAK 365341N-0312458E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T69 (RNAV 5)						
▲ BAKPI						- Unidirectional eastbound.
384458N-0293933E						
▲ RUNOL						
382737N-0295453E						
▲ BABSA	140	21.1	<u>FL285</u> FL195	↓		
380056N-0301818E			32.4			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T76 (RNAV 5)						
▲ DOKUB 385328N-0295344E	094	31.0	FL285 FL195	↓		- Unidirectional eastbound.
▲ AFYON VOR (KFK) 384814N-0303248E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T79 (RNAV 5)						
▲ ILHAN 402638N-0334213E						- Unidirectional westbound.
▲ DEREL 404250N-0321136E						
△ UFKAC 405417N-0312515E						
▲ NAMAN 405956N-0305958E						
	277	70.9	<u>FL285</u> FL145			
	282	37.0				
	280	20.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T97 (RNAV 5)						
▲ KANQO 411330N-0304536E	↑					- Unidirectional westbound
△ LETBU 410757N-0320409E						
▲ ASTAL 404426N-0330728E						
▲ ILHAN 402638N-0334213E						
▲ TIMOP 395931N-0352140E						
	270	59.6	FL285 FL145			
	290	53.4	FL285 FL195			
	298	31.9				
	284	80.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T142 (RNAV 5)							
▲ ASKER 381637N-0384705E							
▲ SONSU 375248N-0382312E							
▲ BUPUN 372340N-0375420E							
	214 033	30.4	FL285 FL255	▲ ↑	▼ ↓		
	214 034	37.0	FL285 FL145				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T143 (RNAV 5)						
▲ ARTAR						
370538N-0385041E						
▲ OSKOV						
370416N-0380927E	263	33.0	FL285 FL115			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T162 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	107	14.2	<u>FL285</u> FL085	↓		- Unidirectional eastbound.
▲ DRAMO 410204N-0263640E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T165 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E	<u>094</u> 274	28.7	<u>FL285</u> FL095	↓		
△ NETPU 405522N-0402508E		11.0				
△ ABVEX 405339N-0403928E		10.1	<u>FL285</u> FL135			
△ SUREL 405202N-0405238E	<u>096</u> 276	12.0	<u>FL285</u> FL155			
△ LEGDO 405006N-0410814E		61.7				
▲ LUMEX 403909N-0422809E		5.6				
▲ AKUTU 403805N-0423519E		8.8	<u>FL285</u> FL145			
▲ EDASU 403624N-0424636E	15.3					
▲ KARS VOR (KAR) 403324N-0430614E	14.8					
▲ EKPOS 404126N-0432238E	<u>052</u> 232	16.6		↑		
▲ REBLO (FIR BDRY) 405024N-0434106E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T166 (RNAV 5)						
▲ ERZİNCAN VOR (ERN) 394230N-0393145E	004 184	14.5	FL285 FL145	↓	↑	
▲ ORHAN 395651N-0393440E		8.8	FL285 FL155			
▲ BALON 400530N-0393630E		19.8				
▲ SONAD 402505N-0394035E	003 183	5.1				
▲ PIXAP 403006N-0394132E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T167 (RNAV 5)						
▲ DELEL 405754N-0405325E						
▲ OTROM 405640N-0403933E	258 078	10.6	<u>FL285</u> FL115	▲	▼	
▲ NETPU 405522N-0402508E		11.0	<u>FL285</u> FL095			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T168 (RNAV 5)						
▲ RIZE-ARTVIN VOR (ART) 411049N-0405131E	161 341	19.9	FL285 FL155	↓	↑	
▲ ALNOZ 405120N-0405708E		30.2				
▲ LEHOK 402151N-0410533E		25.0				
▲ ERZURUM VOR (ERZ) 395724N-0411225E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T179 (RNAV 5)						
▲ ERVAG 390355N-0301058E						- Unidirectional eastbound.
▲ AFYON VOR(KFK) 384814N-0303248E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T210 (RNAV 5)						
▲ ASTAL 404426N-0330728E						- ASTAL-DEREL segment Unidirectional westbound.
▲ DEREL 404250N-0321136E	262	42.5	FL285 FL145		↓	
▲ LETBU 410757N-0320409E	341 161	25.7	FL285 10000 FT AMSL	↑	↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T226 (RNAV 5)						
▲ DIGBO 412937N-0282416E	- Unidirectional westbound					
▲ REZOV (FIR BDRY) 415900N-0280638E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T238 (1, 2, 3) (RNAV 5)						
▲ OKESA 373745N-0272311E	061 241	8.6	FL285 FL065	↓		(1) CLD VOR-LAVTA segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (2) Times other than those stated in remark (1) CLD VOR-LAVTA segment can only be used by Tactical Civil Military Coordination. 3) IFR traffic to/from LTBD Airport is allowed to use OKESA-CLD VOR and CLD VOR-LAVTA segments 7/24 and exempted from provisions stated at Remark 1 and 2, provided that they submit FPL 45 minutes or earlier prior to departure/arrival time from/to LTBD Airport.
▲ OZNEF 374121N-0273303E		18.1				
▲ CILDIR VOR (CLD) 374853N-0275347E	094 274	20.0	FL285 FL095	↑		
▲ UVTOL 374603N-0281846E		18.8				
▲ LAVTA 374318N-0284212E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
T241 (1, 2, 3, 4) (RNAV 5)								
▲ AKBUK 373000N-0272738E	044 224	8.0	FL285 FL065	↓		(1) KULA VOR-MISRO segment Unidirectional westbound. (2) CLD VOR-MISRO segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (3) Times other than those stated in remark (2) CLD VOR-MISRO segment can only be used by Tactical Civil Military Coordination. 4) IFR traffic to/from LTBD Airport is allowed to use AKBUK-CLD VOR and CLD VOR-KULA VOR segments 7/24 and exempted from provisions stated at Remarks 2 and 3, provided that they submit FPL 45 minutes or earlier prior to departure/arrival time from/to LTBD Airport.		
△ ALPUW 373525N-0273505E		20.0						
▲ CILDIR VOR (CLD) 374853N-0275347E								
▲ NODKO 381311N-0281607E	032 212	30.0	FL285 FL085					
▲ KULA VOR (DEN)		27.0						
383441N-0283610E	210	76.9	FL285 FL105					↑
▲ NUMTI 393828N-0293127E								
▲ MISRO 395710N-0294804E		22.7						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T243 (RNAV 5)						
▲ HAYMANA NDB (HAY) 392612N-0323034E	090 271	39.8	FL285 FL195	↓	↑	
△ AZBUL 392256N-0332143E		28.7				
△ BADOX 391955N-0335831E		61.1				
△ ERMOD 391324N-0351648E		35.2				
▲ GEMEREK VOR (GEM) 390914N-0360143E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T244 (RNAV 5)						
△ REBTA 374112N-0331010E	121 301	75.3	FL285 FL125	↓	↑	
▲ MANAZ 365453N-0342441E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T264 (RNAV 5)						
△ FENER 411711N-0282128E	↓					- Unidirectional westbound.
▲ TUDBU (FIR BDRY) 415800N-0274637E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T268 (RNAV 5)						
▲ RIVBU 371938N-0291845E	↓					- Unidirectional eastbound.
▲ IPGIG 375041N-0291713E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T275 (RNAV 5)						
▲ INEBOLU VOR (INB) 415705N-0334222E	↓ ↑					
▲ KASTAMONU VOR (KST) 412101N-0334800E						
	168 348	36.3	FL285 11000 FT MSL			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T276 (RNAV 5)						
▲ KASTAMONU VOR (KST) 412101N-0334800E						
▲ OSRIN 411816N-0332829E						
▲ ORMAN 411731N-0332309E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T277 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E					- Unidirectional eastbound.	
▲ UTUSO 362659N-0314238E	118	52.4	<u>FL285</u> 9000 FT MSL	↓		
▲ BEPTO 361611N-0320312E		19.8	<u>FL285</u> 3000 FT MSL			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T283 (RNAV 5)						
▲ OKESA 373745N-0272311E	100 280	9.7	FL285 FL115	↓	↑	- The segment BTN OKESA-BALSU BTN 01 APR/01 NOV 0230-1730 UTC and 02 NOV/31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1, MNM FL250
△ ALPUW 373525N-0273505E		56.6				
△ KAVAK 372126N-0284358E	075 255	33.6				
△ BALSU 372730N-0292525E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T301 (RNAV 5)						
△ NARLI 374856N-0431459E						
▲ INLAP 374101N-0434445E						
▲ YUKSEKOVA VOR (YKV) 373257N-0441433E						
	103 283	24.9 25.0	FL285 FL145	↓	↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T302 (RNAV 5)									
▲ ADORU (FIR BDRY) 415218N-0263406E	113	37.6	FL285 FL175	↓		The Segment BTV ADORU-ERSEN is unidirectional eastbound.			
△ SERCE 413438N-0271833E		55.2							
△ TIRER 410811N-0282303E		22.0	FL285 FL115						
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	083	38.1	FL285 FL145						
△ VATCA 405851N-0293857E		15.0							
▲ ERKAL 405912N-0295847E	098	17.0							
▲ NUMSO 405522N-0302043E		15.0							
▲ ERSEN 405156N-0303958E	032 213	51.4		↓	↑				
▲ GUMRU 413256N-0312058E				↓	↑				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T304 (RNAV 5)						
△ EVPIM 415342N-0322200E	272	5.8	FL285 FL195		↓	- Unidirectional westbound.
△ LUUPU 415434N-0321418E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T305 (RNAV 5)						
▲ ERVAG 390355N-0301058E	↓					- Unidirectional eastbound.
▲ TEKDO 382020N-0300924E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T306 (RNAV 5)						
▲ SIIRT VOR (SRT) 375438N-0415255E						
▲ ABDIK 374118N-0415719E						
▲ SIRNAK VOR (RNA) 372154N-0420341E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T308 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E						
▲ ROTKU 384735N-0395741E	<u>256</u> 076	30.2	<u>FL285</u> FL135	▲ ↑	▼ ↓	
▲ ELAZIG VOR (EVS) 384229N-0391326E		35.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> <u>Lower limits</u>	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T309 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E						
▲ ADNOS 391906N-0405111E						
▲ ERZURUM VOR (ERZ) 395724N-0411225E	<u>018</u> 198	30.1	<u>FL285</u> FL125	↓		
▲ VIRAN 400707N-0414210E		41.6				
▲ RAHMA 402224N-0423029E	<u>061</u> 243	24.8	<u>FL285</u> FL135			
▲ NIVLA 402744N-0424746E		40.1				
▲ KARS VOR (KAR) 403324N-0430614E		14.2				
		15.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T310 (RNAV 5)						
▲ NUGBA 413528N-0304027E	250	21.4	FL285 FL115		▲ ↑	- Unidirectional westbound BTN GAKSU and NUGBA - Unidirectional eastbound BTN GAKSU and SIN VOR
△ VEMAG 414044N-0310809E						
▲ NAPIP 414824N-0314420E	249	28.1				
△ LUUPU 415434N-0321418E		23.2				
▲ ADUMU 420417N-0330440E	250	38.8				
▲ GAKSU 421121N-0334851E	252	33.6	FL285 FL055	▼ ↓		
▲ OTKOT 420641N-0342558E		28.0				
▲ ATNOP 420308N-0345130E		19.3				
▲ SINOP VOR (SIN) 420123N-0350434E		9.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T315 (RNAV 5)									
▲ NUGBA 413528N-0304027E	↓ ↑								
▲ GUMRU 413256N-0312058E							<u>087</u> 267	30.5	<u>FL285</u> FL125
▲ CAYCUMA VOR (CAY) 413050N-0320240E							<u>088</u> 268	31.4	
▲ HAKAN 414324N-0321754E							<u>035</u> 216	17.0	<u>FL285</u> FL065

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address					
				Odd	Even						
1	2	3	4	5		6					
T324 (RNAV 5)											
▲ ERZURUM VOR (ERZ) 395724N-0411225E											
▲ WIDAR 400732N-0421303E							<u>071</u> 252	47.7	<u>FL285</u> FL115	↓	
▲ YUWAC 401408N-0425432E							<u>072</u> 252	32.5	<u>FL285</u> FL125		
▲ EMDAH 401805N-0432010E								20.0			
▲ FODEC (FIR BDRY) 402025N-0433537E								12.0			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T329 (RNAV 5)						
▲ AZBUL 392256N-0332143E	↓					- Unidirectional westbound.
▲ NEGBU 400051N-0322218E						
▲ TOKER 401848N-0304620E						
	305	59.5	FL285 FL195			
	279	75.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T331 (RNAV 5)						
▲ YAVUZ 400240N-0422600E						
▲ ASKAZ 400729N-0425220E	<u>072</u> 252	20.8	<u>FL285</u> FL125	↓	↑	
▲ ETISI 401201N-0431744E		20.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
T332 (RNAV 5)										
▲ BEYAZ 383018N-0424717E										
▲ ERPIM 380625N-0424232E							184 004	24.2	FL285 FL135	▲ ↓
▲ OTKEP 375133N-0423936E								15.0		
▲ EFPEZ 373518N-0423919E							356	16.2		▲ ↑
▲ KABAN (FIR BDRY) 371456N-0423859E								20.4		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits		Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
					Odd	Even					
1	2	3	4	5		6					
T333 (RNAV 5)											
▲ BEYAZ 383018N-0424717E	- All Aircraft to enter Turkish airspace via LESRI entry point, before 5 minutes to the subject point, shall contact to Ankara ACC through 132.9 MHz, 127.925 MHz for LESRI or emergency channels. Any Aircraft not contact to Ankara ACC over LESRI entry point shall not be permitted to enter Turkish airspace.										
△ LIVDO 381541N-0422450E							226 046	22.9	FL285 FL125	↓	
△ EMBAG 380736N0421231E								12.6	FL285 FL145		
▲ SIIRT VOR (SRT) 375438N-0415255E							226 045	20.2			
△ ESOTA 374612N-0414621E							207 027	9.9	FL285 FL235		↑
▲ LESRI (FIR BDRY) 370420N-0411349E								49.2			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T336 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						
▲ ATSUB 363505N-0313721E						
△ EVKOR 362544N-0320000E						
▲ GAZİPASA NDB (GZP) 361815N-0321751E						
	112 292	44.7	FL285 FL075		↓	
	113 293	20.5				
		16.2				
			↑			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T337 (RNAV 5)						
▲ EKSEN 375326N-0304013E						- Unidirectional westbound - When there are military activities affecting AWY T337 traffic will be vectored to AWY M855 by ATC.
▲ EKNUD 380745N-0304837E	020	15.8	FL285 FL195		↓	
▲ OSVEL 382855N-0310107E		23.3				
▲ AFYON VOR (KFK) 384814N-0303248E	307	29.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T338 (RNAV 5)						
▲ RORMU 392736N-0300728E	106	9.8	FL285 FL125	↓		- Unidirectional eastbound - When there are military activities affecting AWY T338 traffic will be vectored to AWY T35 or AWY A16 by ATC
▲ EDASA 392736N-0300728E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T339 (RNAV 5)							
▲ GAZİPASA NDB (GZP) 361815N-0321751E	049 230	21.1	FL285 9500 FT MSL		↓		
▲ ELROP 363022N-0323912E		37.5	FL285 FL125				
▲ MUT VOR (MUT) 365146N-0331730E		037 218	47.4				FL285 FL155
△ ERGEP 372638N-0335745E	37.4						
△ SELVI 375356N-0342958E	30.6		↓				
▲ ERCIS 381613N-0345637E	8.5						
△ TEVDA 382222N-0350400E	11.9						
△ ERHAN 383126N-0351344E	35.5						
▲ GEMEREK VOR (GEM) 385632N-0354554E	17.7						
▲ ADVOK 390914N-0360143E	040 220	30.4	FL285 FL105		↑		
▲ SIVAS VOR (SIV) 393013N-0363004E		25.0					
394722N-0365336E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T341 (RNAV 5)						
▲ ERKAL 405912N-0295847E						CTP NDB-BAG unidirectional eastbound.
▲ CENGİZ TOPEL NDB (CTP)	156 336	15.5	FL285 7000 FT MSL	↓	↑	
▲ 404415N-0300417E ASMAP	097	29.9	FL285 FL115	↓		
▲ 403753N-0304241E VEVUD	117	27.8				
▲ 402251N-0311320E ODRUP	097	32.6				
▲ 401600N-0315458E BAGLUM VOR (BAG)	100	42.8				
400412N-0324836E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T342 (RNAV 5)						
▲ PIMAV 402402N-0295713E						
▲ CENGİZ TOPEL NDB (CTP) 404415N-0300417E	<u>013</u> 193	21.2	<u>FL285</u> 7000 FT MSL	▲ ↑	▼ ↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T350 (RNAV 5)						
▲ EDREMIT VOR (EDR) 393303N-0270018E	103 283	10.6	FL285 6500 FT AMSL	↓	↑	- DUGLA-NEXAM segment: 01 Apr-01 Nov 03:30-18:00 UTC and 02 Nov-31 Mar 04:30-17:30 UTC except weekends and public holidays stated on page GEN 2.1, MNM FL 250. In case of night training military flights, MNM FL 250 - DUGLA-NEXAM-KAVAK segment unidirectional eastbound
▲ DUGLA 392956N-0271328E						
▲ NEXAM 373001N-0283807E	146	137.0	FL285 FL125	↓		
▲ KAVAK 371226NN-0284358E		9.8	FL285 FL095			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T363 (RNAV 5)									
▲ LATGA 401953N-0320532E	↓					- Unidirectional eastbound.			
▲ ESENBOGA VOR (ESB) 400848N-0330045E							099	43.7	FL285 FL145
▲ GURBU 401006N-0334958E							082	37.7	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T364 (RNAV 5)						
▲ ESENBGA VOR (ESB) 400848N-0330045E	055	36.4	FL285 FL095	↓		- Unidirectional eastbound.
▲ ILHAN 402638N-0334213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T366 (RNAV 5)						
▲ BONAM (FIR BDRY) 380256N-0441759E						- Unidirectional westbound. - BTN VAN/SONAD segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ VAN VOR (VAN) 382758N-0431930E	294	52.4	FL285 FL195		↓	
△ TURNA 393331N-0412128E	301	112.9				
△ DAMAT 395722N-0403953E		40.0				
△ SONAD 402505N-0394035E	296	53.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T367 (RNAV 5)						
▲ BONAM (FIR BDRY) 380256N-0441759E						- Unidirectional westbound. - VAN/LANVO segment will only be available BTN 01 APR/01 NOV 1730-0230 UTC, 02 NOV/31MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ VAN VOR (VAN) 382758N-0431930E	294	52.4	FL285 FL195		↓	
▲ BOZLO 385506N-0420844E	291	61.7				
△ OTLUG 390913N-0413044E		32.8				
△ ULREP 392254N-0405316E	290	32.1				
△ REKVO 393117N-0402954E	289	20.0				
△ SOMBU 393601N-0401637E		11.3				
△ ESEPO 395107N-0393330E		36.5				
△ LANVO 395637N-0391731E		13.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T368 (RNAV 5)							
▲ ELAZIG VOR (EVS)						- BONAM-VAN segment: unidirectional westbound	
384229N-0391326E	<u>087</u> 267	14.5	<u>FL285</u> FL165				
▲ PALUT							
384138N-0393200E	<u>089</u> 269	32.1					
△ UMLEN							
383942N-0401300E	28.6	<u>FL285</u> FL125					
△ NAREN							
383750N-0404930E	<u>090</u> 270		27.3				
△ BAYIR							
383541N-0412414E	<u>089</u> 270		33.1				
▲ TUMKU							
383304N-0420622E	<u>090</u> 270	32.2	<u>FL285</u> FL125				
▲ BEYAZ							
383018N-0424717E	<u>090</u> 271	25.4	<u>FL285</u> FL145				
▲ VAN VOR (VAN)							
382758N-0431930E	294	24.7	<u>FL285</u> FL145				
▲ ZELSU							
381556N-0434659E							
▲ BONAM (FIR BDRY)	27.7						
380256N-0441759E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T380 (RNAV 5)						
▲ VICEN	↓					- Unidirectional eastbound.
403957N-0301803E						
▲ ASMAP						
403753N-0304241E						
▲ TOKER	090	18.9	<u>FL285</u> FL115			
401848N-0304620E						
	167	19.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T409 (RNAV 5)						
▲ SULTA 400244N-0294423E						SULTA-NUMTI - Unidirectional westbound. NUMTI-KARGI - Unidirectional eastbound.
▲ ROXUK 395325N-0294307E	181	9.4	FL285 FL125		↓	
▲ NUMTI 393828N-0293127E	206	17.4			↓	
▲ KARGI 392545N-0300316E	112	27.7			↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T422 (1) (RNAV 5)						
▲ CAYCUMA VOR (CAY) 413050N-0320240E						(1) Only available for traffic to / from LTAS
▲ NAPIP 414824N-0314420E	315 135	22.3	FL285 FL115	↑	↓	(2) Segment between LEGMU- EVGEG unidirectional westbound
▲ LEGMU 415651N-0313521E		10.8				
△ ODMAX 420717N-0312411E	314	13.3				
▲ EVGEG 422726N-0310627E	320	24.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T470 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E						- Caution: Turkish-Syria border is approximately 6 KM south of the ATS route
▲ NIZIP 365905N-0374600E	<u>076</u> 256	14.2		↓		
▲ SURUC 370348N-0383224E		37.5				
▲ ARTAR 370538N-0385041E		14.8				
▲ OZBEY 371431N-0390600E	<u>048</u> 228	15.1				
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E		65.1				

Route designator Name of significant points Coordinates	Track MAG	DIST NM	Upper limits Lower limits or Minimum Altitude	Direction of cruising levels		Remarks Controlling Unit Channel
				Odd	Even	
1	2	3	4	5		6
T471 (RNAV 5)						
▲ MARDIN VOR (MRD) 371339N-0403820E						
▲ GOFCA 371130N-0400708E	259 079	25.0	FL285 FL085	▲ ↑	↓ ▼	
▲ ARTAR 370538N-0385041E		61.2	FL285 FL165			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T472 (RNAV 5)						
▲ GAP VOR 372729N-0385417E	▲					
▲ ARTAR 370538N-0385041E						
	<u>183</u> 003	22.1	<u>FL285</u> 7000 FT MSL	▲	▼	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T476 (RNAV 5)						
▲ KEKIK 370443N-0282204E	↓					- Unidirectional westbound
△ YOYYO 371706N-0273424E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T489 (RNAV 5)						
▲ IZMIR VOR (IMR) 381902N-0270026E	119 299	44.3	FL285 FL145	↓		- Flights departing any aerodrome within Izmir TMA destined to Dalaman Airport are not authorized to fly via this route.
▲ SISVO 375344N-0274635E		42.2				
▲ SONUP 372923N-0283000E		13.7	FL285 FL115			
△ KAVAK 372126N-0284358E	101 281	25.5	FL285 FL105			
▲ SUNAT 371507N-0291459E		7.5				
▲ AKIMO 371314N-0292404E		11.8	FL285 FL145			
▲ EVBOL 371016N-0293818E		14.1				
▲ LAMSA 370639N-0295522E		43.3				
▲ ANTALYA VOR (AYT) 365514N-0304740E				↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T491 (RNAV 5)						
△ ODNOD 381555N-0274841E	139	56.9	FL285 FL165	↓		- Unidirectional eastbound
▲ SONUP 372923N-0283000E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T495 (RNAV 5)						
△ TUMER 383956N-0292813E						The segment BTN TUMER-KAVAK is unidirectional eastbound
△ LAVTA 374318N-0284212E	207	67.2	FL285 FL235	↓		
▲ ATSAL 373001N-0284308E	171	13.3	FL285 FL115			
▲ KAVAK 372126N-0284358E		8.6				
▲ ARMAM 371422N-0282817E	237 057	14.4	FL285 7500 FT MSL	↓		
△ NEPNO 370905N-0281640E		10.7				
▲ CENGO 370356N-0280528E		10.3				
▲ MILAS VOR (BDR) 371528N-0273816E	292 112	24.6		↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T615 (RNAV 5)						
▲ SISPI 395453N-0295212E						- Unidirectional westbound
▲ SULTA 400244N-0294423E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T641 (RNAV 5)						
▲ TIRER 410811N-0282303E						- Unidirectional eastbound.
▲ EKAWE 420152N-0300723E	049	94.9	<u>FL285</u> FL115	↓		
▲ OSMEV 415952N-0303418E	089	20.2				
△ ERMUP 420002N-0310122E	084	20.2				
△ GIPDA 421449N-0321218E	069	54.8				
△ ABSAX 422001N-0323501E	067	17.6				
▲ BIMVO 422722N-0330755E	068	25.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T643 (RNAV 5)						
▲ GAKSU 421121N-0334851E						- Unidirectional eastbound.
△ OLDUD 420958N-0323643E	082	53.6	FL285 FL195	↑		
△ GIVEV 420522N-0321639E	067	15.6				
△ MODAU 420033N-0315309E	068	18.1				
▲ LEGMU 415651N-0313521E		13.8				
▲ YAHAV 415024N-0310454E		23.6				
▲ ATPIX 414512N-0303725E	070	21.2				
▲ EKAWE 420152N-0300723E	120	27.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T680 (RNAV 5)						
▲ RORMU	127 8.0 <u>FL285</u> FL125 ↓					- Unidirectional eastbound
393112N-0295537E						
▲ KARGI						
392545N-0300316E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T777 (RNAV 5)						
▲ FENER 411711N-0282128E	004 12.6 <u>FL285</u> 4500 FT MSL ↓					- Unidirectional westbound.
▲ DIGBO 412937N-0282416E						
▲ IBLAL 415915N-0282015E						
	348	29.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T888 (RNAV 5)						
▲ CARSAMBA VOR (CRM) 411556N-0363256E	165 344	30.0	<u>FL285</u> FL115	↓		
▲ ALMUS 404627N-0363956E		16.0	<u>FL285</u> 8500 FT MSL			
△ ERVAK 403043N-0364337E		19.0	<u>FL285</u> FL115	↑		
▲ SOPOV 401201N-0364757E		25.0				
▲ SIVAS VOR (SIV) 394722N-0365336E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y213 (RNAV 5)						
△ OLDOK 401452N-0265302E						- Unidirectional eastbound
△ ASNUT 401342N-0270029E	096	5.8	FL285 FL065	↓		
▲ INBET 401111N-0271630E		12.5	FL285 FL075			
▲ VUTZO 401157N-0273043E	081	10.9	FL285 FL105			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y217 (RNAV 5)						
▲ SUVUP 400943N-0264831E						- Unidirectional eastbound
▲ INBET 401111N-0271630E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y226 (RNAV 5)						
▲ IVGUS 403408N-0273440E						- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y227 (RNAV 5)						
▲ IVGUS						- Unidirectional westbound
▲ 403408N-0273440E						
▲ RAUMA						
395902N-0271833E	195	37.2	FL285 FL105		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y228 (RNAV 5)						
▲ IVGUS 403408N-0273440E						- Unidirectional eastbound
▲ NILRU 402429N-0273815E	159	10.0	FL285 FL125	↓		
▲ ALEDA 395139N-0275022E		34.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y229 (RNAV 5) (1)						
▲ IVGUS	150 46.3 <u>FL285</u> FL105 ↓					(1) IVGUS-YAYLA segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. - Unidirectional eastbound
403408N-0273440E						
▲ YAYLA						
395156N-0275943E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y255 (RNAV 5)						
▲ MARMA 403138N-0273856E					- Unidirectional westbound	
▲ BIGA VOR (BIG) 401703N-0272155E	218	19.5	<u>FL285</u> FL115	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y371 (RNAV 5)						
△ DUGLA 392956N-0271328E						
△ ECZIM 394329N-0271859E	012 192	14.2	FL285 FL105	↑		
△ KUZEP 395529N-0272355E		12.6	FL285 6500FT AMSL			
▲ VUTZO 401157N-0273043E		17.3	FL285 FL105	↓		
△ MARMA 403138N-0273856E		20.6				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y372 (1, 2) (RNAV 5)						
△ MARMA 403138N-0273856E	179 359	7.2	FL285 FL105	↓		(1) MARMA-OKESA segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (2) Times other than those stated in remark (1) MARMA-OKESA segment can only be used by Tactical Civil Military Coordination.
△ NILRU 402429N-0273815E		34.4				
△ NEVGI 395007N-0273503E		87.2				
△ LASON 382305N-0272710E		45.4		↑		
△ OKESA 373745N-0272311E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y520 (RNAV 5)						
▲ AFGAR	319 45.4 <u>FL285</u> FL115 ↓					- Unidirectional westbound
412701N-0274825E						
▲ VADEN (FIR BDRY)						
420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
Z713 (RNAV 5)							
▲ PIROX (FIR BDRY) 362900N-0280300E	201	27.4	FL285 FL125	▲ ↑		- For PIROX: REF ENR 2.1-1 İstanbul FIR remarks column note (3). - MARIS-PIROX segment is unidirectional eastbound	
△ MARIS							
365356N-0281658E △ BATUK	339 159	22.1		↓			
371500N-0280848E △ ULKAN		3.3					
371809N-0280733E △ KUMAN		46.0					
380154N-0274958E ▲ DUGLA		92.6					
392956N-0271328E ▲ BIMDU	352	29.1		FL285 FL195	↓ ↓		-DUGLA-INBET segment unidirectional eastbound
395903N-0271131E ▲ INBET	012	12.7					
401111N-0271630E							

ENR 3.2.2 UPPER AREA NAVIGATION (RNAV) ROUTES

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UL21 (RNAV 5)									
▲ IZERO (FIR BDRY) 413921N-0410632E	254	21.7	FL660 FL285		↓	- Unidirectional westbound.			
△ ATCEF 413538N-0403801E									
▲ OTOJE 411951N-0401544E	221	23.0							
▲ TRABZON VOR (TBN) 405943N-0394744E		29.2							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL124 (RNAV 5)						
△ ERGUN 404447N-0344420E	102	135.8	FL660 FL285	↓		- ERGUN-VAN segment: unidirectional eastbound
△ ASVOD 400456N-0373422E		94.1				
△ KONUK 393042N-0392805E	107					
△ EVSAS 391929N-0401119E	104	35.3				
▲ VAN VOR (VAN) 382758N-0431930E		155.7				
▲ ZELSU 381556N-0434659E	114 294	24.7		↓	↑	
▲ BONAM (FIR BDRY) 380256N-0441759E		27.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL223 (RNAV 5)						
▲ AGRI VOR (ARI) 393846N-0430137E						- Unidirectional eastbound.
▲ DASIS (FIR BDRY) 385431N-0441229E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL333 (RNAV 5)						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						- BAG-DASIS segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports) - DASIS-LATGA segment: Bidirectional - BEYKOZ-LATGA segment unidirectional eastbound.
▲ VATCA 405851N-0293857E	105	24.6	FL660 FL285	↓		
△ ABJUM 405444N-0295140E	108	10.5				
▲ ASMAP 403753N-0304241E		42.3				
▲ RIPNU 403131N-0311237E	101	23.7				
▲ EVLIG 402758N-0312859E	102	13.0				
▲ ABISI 402146N-0315709E		22.4				
▲ LATGA 401953N-0320532E		6.7				
▲ BAGLUM VOR (BAG) 400412N-0324836E	111 291	36.5		↓		
△ ELDEN 395435N-0352545E	090 270	120.9				
▲ SIVAS VOR (SIV) 394722N-0365336E		67.9				
△ ELNEM 394524N-0381153E	085 267	60.3				
△ EBEDI 394330N-0390725E		42.8				
▲ ERZINCAN VOR (ERN) 394230N-0393145E		18.8				
△ GELSU 393330N-0403325E	097 279	48.4				
△ NEGOL 392835N-0410445E		24.7				
△ LATSU 392515N-0412450E		15.9				
△ DORUK 391645N-0421107E		36.8				
▲ DASIS (FIR BDRY) 385431N-0441229E		96.9			↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL601 (RNAV 5)						
▲ ARTAT (FIR BDRY) 422150N-0293727E	133	59.6	FL660 FL285	↓		- Unidirectional eastbound.
△ NELNI 413703N-0303009E		15.1				
△ AKCAK 412544N-0304329E						
△ TUNCA 411359N-0310152E	124					
△ IVNAP 410527N-0311512E		13.2				
△ SALGO 402826N-0321158E		56.8				
▲ BAGLUM VOR (BAG) 400412N-0324836E	141	37.1				
△ EPHIK 393059N-0331540E		39.2				
▲ BAKIR 392616N-0331928E		5.6				
△ AZBUL 392256N-0332143E	142	3.8				
△ URGUP 383116N-0340148E		60.4				
▲ SELVI 375356N-0342958E		43.4				
▲ KEMER 373603N-0344333E		20.9				
▲ ADANA VOR (ADA) 365626N-0351237E		45.9				
▲ TUNLA (FIR BDRY) 355300N-0360200E		74.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL602 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	309	26.1	FL660 FL285		↓	- Unidirectional westbound.
▲ INLEV 371534N-0370517E		36.3				
▲ ADSEP 374109N-0363253E		17.6				
▲ SULAK 375339N-0361712E		204.7				
▲ CUBUK VOR (BUK) 401431N-0330618E		50.4				
▲ DEREL 404250N-0321136E	301	79.2				
△ AKCAK 412544N-0304329E		83.7				
▲ MAKOL (FIR BDRY) 421014N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UL605 (RNAV 5)									
▲ RIXEN (FIR BDRY)						- RIXEN-YAVRU segment: unidirectional eastbound.			
420456N-0284558E	117	119.7	FL660 FL285	↓					
▲ NAMAN		45.4							
405956N-0305958E									
▲ YAVRU	118 298	17.5			↓				
403456N-0314958E		36.8							
▲ KIZIK									
402506N-0320858E	123 303	46.4							
▲ BAGLUM VOR (BAG)									
400412N-0324836E									
▲ YUCEL	125 307	2.5							
△ AVCES		9.2							
393312N-0333736E									
▲ BALAX		6.1							
392727N-0334651E									
▲ ELQUL		5.7							
392335N-0335252E									
▲ BADOX		18.9							
391955N-0335831E									
▲ BELSU		2.5							
390751N-0341711E									
▲ KISLA		54.7							
390636N-0342000E									
▲ ERHAN	34.5								
383126N-0351344E									
▲ SOLSA	27.9								
380844N-0354644E									
▲ RATSI	8.5								
375014N-0361313E									
▲ NEKAT	7.5								
374437N-0362113E									
▲ REMPO	14.2								
373936N-0362820E									
▲ POGEN				↑					
373011N-0364137E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL605 (Continued)(RNAV 5)						
▲ POGEN 373011N-0364137E						
▲ ASBOM 371532N-0370229E	125 307	22.2	FL660 FL285	↓	↑	
▲ BOYAT 370715N-0371436E		12.7				
△ GAZIANTEP VOR (GAZ) 365705N-0372822E		15.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UL606 (RNAV 5)							
▲ ADORU (FIR BDRY) 415218N-0263406E	139	30.1	FL660 FL285	↓		- Unidirectional eastbound.	
▲ ATVEP 412744N-0265713E		18.4					
▲ ULMAR 411240N-0271113E		19.0					
▲ TEKIRDAG VOR (EKI) 405703N-0272534E							
▲ LUTFU 395622N-0281100E	144	69.9					
▲ SONLU 390459N-0284759E		58.5					
▲ NESET 383753N-0290711E		31.0					
▲ CARDAK VOR (CRD) 374723N-0294215E		57.6					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL610 (RNAV 5)						
▲ VAPEK 372200N-0314140	298	58.0	FL660 FL285		↓	- Unidirectional westbound.
▲ EKSEN 375326N-0304013E		22.4				
▲ EKMIM 381405N-0302854E	331	19.4				
▲ UPKUL 383154N-0301903E		4.6				
▲ EMKUD 383610N-0301641E		20.1				
▲ OSGED 385434N-0300625E		8.5				
▲ PESOX 390224N-0300200E		6.2				
▲ SIVKU 390805N-0295848E		15.2				
△ APSER 392202N-0295054E		13.9				
▲ ETAMP 393447N-0294344E		21.6				
▲ EMGIM 395434N-0293232E		37.2				
▲ YALOVA VOR (YAA) 402830N-0291227E	324	34.3				
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	309	28.3				
△ FENER 411711N-0282128E		69.4				
▲ VADEN (FIR BDRY) 420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL614 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E						- ADORU-YAA VOR segment: unidirectional eastbound.
▲ ENESU 412831N-0271950E	119	41.7	FL660 FL285	↓		
▲ CORLU VOR (CRL) 410903N-0275559E		33.5				
▲ YALOVA VOR (YAA) 402830N-0291227E	118	70.7		↓		
▲ EKDAM 402605N-0293702E	093 276	18.9				
▲ PIMAV 402402N-0295713E		15.5				
▲ TOKER 401848N-0304620E		37.8				
▲ YAMAN 401423N-0312526E		30.2				
▲ UMRUN 401110N-0315241E		21.1				
▲ PETAR 401016N-0320453E		9.4				
▲ BAGLUM VOR (BAG) 400412N-0324836E	094 275	34.0				
▲ KUBER 394956N-0333638E	104 283	39.5				
▲ GOBIT 394634N-0335313E	105 285	13.2				
△ JUPNE 393742N-0342422E		25.6				
▲ MARIF 392406N-0351058E		38.5				
▲ GEMEREK VOR (GEM) 390914N-0360143E		42.0				
▲ BULUT 384522N-0385408E	095 275	136.3		↑		
▲ ELAZIG VOR (Ezs) 384229N-0391326E		15.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UL614 (Continued)(RNAV 5)									
▲ ELAZIG VOR (EVS) 384229N-0391326E	↓								
△ SORAR 383727N-0393045E							104 287	14.4	FL660 FL285
△ TAMER 381426N-0404859E								65.5	
△ ULSAB 380833N-0410753E								16.0	
▲ ABKAL 380110N-0413155E								20.4	
▲ SIIRT VOR (SRT) 375438N-0415255E								17.8	
▲ VAKUL 375339N-0420830E							090 270	12.4	
△ OTKEP 375133N-0423936E								24.7	
△ NARLI 374856N-0431459E								28.1	
△ DERIL 374404N-0442454E							089 269	55.5	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UL615 (RNAV 5)										
▲ VAN VOR (VAN) 382758N-0431930E	308 127	24.7	FL660 FL285		↓					
▲ ESENK 384441N-0425617E		47.6								
△ DORUK 391645N-0421107E										
△ GOKSU 392934N-0415247E										
▲ SUSUZ 394051N-0413630E										
▲ ERZURUM VOR (ERZ) 395724N-0411225E										
▲ DAMAT 395722N-0403953E	264 083	25.0								
△ ARKIN 395705N-0395500E		34.5								
△ ORHAN 395651N-0393440E										
△ INTAB 395626N-0390607E										
△ VABEL VOR (EZN) 395613N-0385313E										9.9
△ UTURI 395225N-0375829E	25.2									
△ OTSOV 394958N-0372553E										
▲ SIVAS VOR (SIV) 394722N-0365336E		25.0								↑
▲ OLPOT 395140N-0362138E	275 095									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL615 (Continued)(RNAV 5)						
▲ OL POT						- BEYKOZ-VADEN segment: unidirectional westbound.
△ 395140N-0362138E ENFOR	274 093	4.0	FL660 FL285	↓		
△ 395226N-0361629E HAKCE		15.9				
△ 395507N-0355609E TIMOP		26.9				
△ 395931N-0352140E BENTA	273 093	65.4				
▲ 400905N-0335721E GURBU		5.7				
▲ 401006N-0334958E CUBUK VOR (BUK)	271 091	33.7				
▲ 401431N-0330618E SALGO	282 102	43.7				
▲ 402826N-0321158E YAVRU		18.0				
▲ 403456N-0314958E ATGOB	283 103	27.9				
△ 404331N-0311503E ERSEN		27.9				
▲ 405156N-0303958E NUMSO	278 098	15.0		↑		
▲ 405522N-0302043E ERKAL		17.0				
▲ 405912N-0295847E GAYEM		16.3				
▲ 410245N-0293748E BEYKOZ VOR (BKZ)		22.6				
▲ 410737N-0290834E DIGBO	298	40.0		↓		
▲ 412937N-0282416E VADEN (FIR BDRY)		63.3				
420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL619 (RNAV 5)						
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	322	24.3	FL660 FL285		↓	- Unidirectional westbound. (1) Ref AIP TRNC ENR 3.3 (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.
▲ EVKIT 361540N-0334516E		42.5				
▲ MUT VOR (MUT) (1) 365146N-0331730E						
▲ OKLAM 380527N-0313458E	307	109.9				
▲ OSVEL 382855N-0310107E		35.5				
▲ RAVGO 393249N-0303003E	335	68.4				
▲ YASEN 411156N-0293058E	331	109.0				
▲ MAKOL (FIR BDRY) 421014N-0290834E	340	60.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL620 (RNAV 5)						
▲ RIXEN (FIR BDRY) 420456N-0284558E	173	12.7	FL660 FL285	↓		(1) Ref AIP TRNC ENR 3.3
▲ GINLI 415216N-0284628E		7.5				(2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.
▲ TETSA 414446N-0284645E		16.1				
▲ UNSAV 412842N-0284723E		15.0				
△ FATIH 411341N-0284758E		16.0				
▲ ISTANBUL VORTAC (IST) 405741N-0284838E		324				34.4
▲ YALOVA VOR (YAA) 402830N-0291227E	331	37.2			↑	- AFYON VOR (KFK)-ISTANBUL VORTAC (IST) segment Unidirectional westbound.
▲ EMGIM 395434N-0293232E		21.6				
▲ ETAMP 393447N-0294344E		13.9				
▲ APSER 392202N-0295054E		29.9				
▲ OSGED 385434N-0300625E	282	21.6				
▲ AFYON VOR (KFK) 384814N-0303248E	127 307	29.4	↓			
△ OSVEL 382855N-0310107E		33.0				
△ HISAR 380656N-0313228E		2.5				
▲ OKLAM 380527N-0313458E		109.9				
▲ MUT VOR (MUT) (1) 365146N-0331730E	142 322	42.5		↑		
▲ EVKIT 361540N-0334516E		24.3				
▲ VESAR (FIR BDRY) (2) 355456N-0340058E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL621 (RNAV 5)						
▲ MUT VOR (MUT) 365146N-0331730E	352	69.2	FL660 FL285		↓	- Unidirectional westbound.
▲ BUMOM 380052N-0331347E		133.9				
▲ CUBUK VOR (BUK) 401431N-0330618E		71.4				
△ LETBU 410757N-0320409E	32.7					
▲ EVLAP 413215N-0313509E	3.7					
△ ULVEX 413459N-0313152E	14.9					
△ UNSUL 414600N-0311831E	19.0					
△ ERMUP 420002N-0310122E	23.4					
△ RIXUB 421714N-0304008E	26.4					
▲ ODERO (FIR BDRY) 423638N-0301552E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL718 (RNAV 5)						
▲ KABAN (FIR BDRY) 371456N-0423859E	302	18.7	FL660 FL285		↓	
△ MEDQE 372612N-0422011E		33.5				
△ ESOTA 374612N-0414621E		37.7				
△ ULSAB 380833N-0410753E		14.4				
△ EKMIN 381703N-0405304E	301	27.4				
△ ASPUL 383306N-0402446E		11.3				
△ UMLEN 383942N-0401300E		32.8				
△ NULRU 385844N-0393842E		16.6				
△ ETESU 390817N-0392116E	299	65.3				
△ ELNEM 394524N-0381153E		12.5				
△ UTURI 395225N-0375829E		22.4				
△ ASVOD 400456N-0373422E	298	46.6				
△ ERVAK 403043N-0364337E		56.3				
△ ORVOR 410121N-0354125E	297	61.6				
△ UVULU 413413N-0343211E		43.7				
▲ INEBOLU VOR (INB) 415705N-0334222E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL742 (RNAV 5)						
▲ RIXEN (FIR BDRY) 420456N-0284558E						- Unidirectional eastbound.
△ EVTAD 411452N-0293924E	136	64.1		↓		
△ ABJUM 405444N-0295140E	150	22.2				
△ EKMEL 402236N-0301058E		35.3				
△ OTPOM 393440N-0303912E		52.6				
▲ REDNO 385733N-0310050E	121	40.7				
▲ OKMOT 383038N-0314727E		45.3				
▲ REBTA 374112N-0331010E	168	81.9				
▲ MUT VOR (MUT) 365146N-0331730E		49.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL746 (RNAV 5)						
▲ DASIS (FIR BDRY) 385431N-0441229E	287	152.8	FL660 FL285		↓	- Unidirectional westbound
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
△ SONAD 402505N-0394035E	284	75.5				
△ BAMLA 403825N-0385410E		38.0				
▲ CARSAMBA VOR (CRM) 411556N-0363256E		113.2				
△ GOKPA 414446N-0343541E	283	92.7				
▲ INEBOLU VOR (INB) 415705N-0334222E		41.7				
△ ADUMU 420417N-0330440E	279	29.0				
△ OLDUD 420958N-0323643E	280	21.6				
△ GIPDA 421449N-0321218E		18.8				
▲ ASBEP 421546N-0320726E	279	3.7				
△ EVGEG 422726N-0310627E		46.7				
▲ ODERO (FIR BDRY) 423638N-0301552E		38.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UL851 (RNAV 5)							
▲ KUGOS (FIR BDRY) 424650N-0340516E	<u>106</u> 288	141.7	<u>FL660</u> <u>FL285</u>	↓			
△ KARDE 415414N-0370243E		30.1					
△ OLUPO 414231N-0373943E	<u>108</u> 289	55.4					
△ TOLUN 412024N-0384724E		18.7					
▲ ERIDU 411255N-0391011E		31.3					
▲ TRABZON VOR (TBN) 405943N-0394744E	<u>129</u> 308	28.9					
▲ BAVTI 403946N-0401517E		6.0					
▲ NESTU 403537N-0402058E		12.0					
▲ GETKO 402717N-0403218E		18.0					
▲ HOCAM 401445N-0404912E		25.0					
▲ ERZURUM VOR (ERZ) 395724N-0411225E		24.9					
▲ TAVUS 395211N-0414409	<u>096</u> 276	39.8					
▲ UZREB 394333N-0423434E		6.3					
△ INBAT 394209N-0424230E		15.1					
▲ AGRI VOR (ARI) 393846N-0430137E		10.0					
▲ VOSWO 393509N-0431341E	<u>105</u> 285	42.9		↑			
▲ AGINA(FIR BDRY) 391924N-0440512E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL852 (RNAV 5)						
▲ TESVA (FIR BDRY)						- Unidirectional westbound.
381709N-0442947E						
△ ESENK	287	78.4	FL660 FL285			
384441N-0425617E						
△ KESIR	292	77.5				
391855N-0412705E						
△ GELSU	285	44.1				
393330N-0403325E						
△ ESEPO	287	49.5				
395107N-0393330E						
△ LANVO	290	13.5				
395637N-0391731E						
△ PEVOP	289	26.8				
400728N-0384537E		30.6				
△ ODALI						
401940N-0380900E						
▲ NELPO	286	23.4				
402812N-0374033E		49.3				
△ APVAS						
404551N-0364005E						
△ USANU	285	29.4				
405608N-0360345E		9.5				
△ ODPO						
405925N-0355158E						
△ RUXEV		48.4				
411549N-0345144E						
△ EKSUK	284	25.1				
412409N-0342014E		9.7				
△ UPKAG						
412717N-0340807E						
△ VAXEB		26.5				
413549N-0333443E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL852 (Continued)(RNAV 5)						
△ VAXEB 413549N-0333443E	283	1.9	FL660 FL285		↓	- Unidirectional westbound.
△ ESOSU 413626N-0333217E		24.0				
△ TIVUG 414401N-0330152E		12.8				
△ EVPUV 414801N-0324534E		14.1				
△ DEVMU 415221N-0322740E		4.4				
△ EVPIM 415342N-0322200E	6.3	282				
△ BEDOP 415538N-0321358E	16.3					
△ MODAU 420033N-0315309E	22.6					
△ ODMAX 420717N-0312411E	71.2					
▲ NEGEM (FIR BDRY) 422742N-0295213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UL854 (RNAV 5)								
▲ TEKIRDAG VOR (EKI) 405703N-0272534E						- Unidirectional eastbound. - See NOTAMs related with Jet activities within Balıkesir and Bandırma MTMAs effecting AWY UL854		
△ MARMA 403138N-0273856E	152	27.4	FL660 FL285	↓				
△ YAYLA 395156N-0275943E		42.8						
△ KUDAK 391756N-0281636E		36.5						
△ ESKIN 390300N-0282353E		16.0						
△ KULA VOR (DEN) 383441N-0283610E	156	29.9						
▲ BAGLU 380416N-0291931E	127	45.7						
▲ CARDAK VOR (CRD) 374723N-0294215E		24.7						
▲ SALDA 373319N-0300001E	130	19.9						
△ KOZLU 372950N-0300428E		5.0						
▲ BRONZ 371611N-0302058E		18.9						
▲ ANTALYA VOR (AYT) 365514N-0304740E		29.9						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL867 (RNAV 5)						
▲ RILEX (FIR BDRY) 415816N-0264559E	134 39.1 <u>FL660</u> FL285 ↓					- Unidirectional eastbound.
△ ENESU 412831N-0271950E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM10 (RNAV 5)						
▲ SARPI (FIR BDRY) 413256N-0412659E					↓	- Unidirectional westbound.
△ ATCEF 413538N-0403801E	269	36.8	FL660 FL285			
△ ATVAM 413836N-0393459E		47.4				
△ OLUPO 414231N-0373943E	268	86.5				
△ GOKPA 414446N-0343541E	267	137.8				
△ TIVUG 414401N-0330152E	265	70.2				
▲ HAKAN 414324N-0321754E	264	32.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM11 (RNAV 5)						
▲ CARSAMBA VOR (CRM) 411556N-0363256E	090 272	30.7	FL660 FL285	↓		
▲ TERME 411252N-0371329E		15.0				
▲ OSDUT 411124N-0373316E		2.9				
▲ EMLAD 411113N-0373705E		12.1				
△ ERKOS 410952N-0375302E		17.7				
△ ARSUG 410759N-0381620E		15.2				
▲ IPSAT 410619N-0383621E		4.4				
△ ARLAT 410549N-0384207E		19.9				
△ TEMEL 410326N-0390814E		30.1				
▲ TRABZON VOR (TBN) 405943N-0394744E	087 269	18.6				
▲ EKTES 405907N-0401216E		31.1				
△ DELEL 405754N-0405325E		127.1				
▲ REBLO (FIR BDRY) 405024N-0434106E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM19 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	124	29.8	FL660 FL285	↓		Unidirectional eastbound
▲ IBODU 413316N-0270444E						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	151	39.4				
▲ IVGUS 403408N-0273440E	157	23.9				
△ EFQAT 402106N-0273616E	169	13.1				
△ ADPEW 394229N-0272853E	183	39.0				
▲ OVZOK 392229N-0272508E		20.2				
▲ UNSAL 385953N-0272055E		22.8				
▲ TUFUB 383022N-0272430E	169	29.6				
▲ AFLUH 380955N-0272658E		20.5				
▲ UFQUM		16.8				
▲ OZNEF 374121N-0273303E	159	12.3				
△ ALPUW 373525N-0273505E		6.2				
▲ YUNUS 364235N-0275300E		54.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UM603 (RNAV 5)							
▲ GOLDO (FIR BDRY) 405256N-0261458E						GELBU-GOLDO segment -unidirectional westbound.	
▲ BARPE 405534N-0265841E	260	33.2	FL660 FL285		▲		
▲ GELBU 405607N-0270827E		7.4					
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	<u>080</u> 260	13.0			▼		
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	<u>083</u> 264	62.9					▲
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	<u>051</u> 231	18.0					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM688 (RNAV 5)						
▲ EKSUK 412409N-0342014E	270	100.3	FL660 FL285	↓	▲	- BTN CRM VOR-RATVO Unidirectional eastbound. - BTN CRM VOR-EKSUK Unidirectional westbound.
▲ CARSAMBA VOR (CRM) 411556N-0363256E						
△ GULRA 402247N-0381646E	118	95.0				
△ INTAB 395626N-0390607E	120	46.1				
▲ ERZINCAN VOR (ERN) 394230N-0393145E	121	24.2				
△ EVSAS 391929N-0401119E	122	38.3				
▲ BAYIR 383541N-0412414E		71.7				
△ ULTED 382102N-0414934E		24.7				
△ EMBAG 380736N-0421231E		22.5				
△ OTKEP 375133N-0423936E		26.7				
▲ RATVO (FIR BDRY) 371426N-0435604E	116	71.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM853 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E	025 205	79.7	FL660 FL285	↓		- KUGOS-INB segment is not available for south bound traffic at or above FL310.
▲ OKLAM 380527N-0313458E		147.4				
▲ CUBUK VOR (BUK) 401431N-0330618E		48.1				
▲ IBURA 410103N-0332225E	17.8					
▲ OSRIN 411816N-0332829E	40.2					
▲ INEBOLU VOR (INB) 415705N-0334222E	014 194	15.1		↑		
▲ GAKSU 421121N-0334851E		37.6				
▲ KUGOS (FIR BDRY) 424650N-0340516E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UM854 (RNAV 5)								
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	327 146	14.8	FL660 FL285		↓			
▲ ADRES 371017N-0372001E		6.2						
▲ ARPAG 371545N-0371628E		22.0						
△ DONDU 373511N-0370329E		15.0						
▲ ERMEM 374841N-0365511E		22.1						
▲ KEPES 380824N-0364227E		68.7						
▲ GEMEREK VOR (GEM) 390914N-0360143E		40.6						
△ USFAF 394350N-0353422E	322 144	12.6						
△ ELDEN 395435N-0352545E		5.9						
△ TIMOP 395931N-0352140E		53.5						
△ ERGUN 404447N-0344420E		41.3						
▲ NENDO 411931N-0341446E		44.8						
▲ INEBOLU VOR (INB) 415705N-0334222E	330 150	56.0			↑			
▲ SUMOL (FIR BDRY) 424756N-0331052E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM855 (RNAV 5)						
▲ TOMBİ (FIR BDRY) (2) 360226N-0304928E	355 175	22.5	FL660 FL285	↓		(1) Ref AIP TRNC ENR 3.3 KFK-BKZ segment unidirectional westbound. (2) All aircraft to enter Turkish Airspace via TOMBİ entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to TOMBİ entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the TOMBİ entry/exit point shall not be permitted to enter Turkish Airspace.
▲ DERYA 362456N-0304843E		30.3				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	350 170					
▲ KUMRU 372456N-0304358E		10.1				
△ ELMAS 373500N-0304230E		18.5				
△ EKSEN 375326N-0304013E		5.5				
△ LEMDA 375856N-0303925E		18.0				
△ IRGAK 381650N-0303704E		31.6				
▲ AFYON VOR (KFK) 384814N-0303248E	328	44.0		↑		
▲ EDASA 392736N-0300728E		331				
▲ OTSIX 394542N-0295722E	10.0					
▲ SISPI 395453N-0295212E		330		79.9		
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM856 (RNAV 5)						
▲ RAKUR (FIR BDRY) 424756N-0315652E	164	66.5	FL660 FL285	↓		- Unidirectional eastbound.
△ HAKAN 414324N-0321754E		102.0				
▲ BAGLUM VOR (BAG) 400412N-0324836E		35.7				
△ OZCIM 392844N-0325417E	6.5					
▲ TELVO 392216N-0325518E	168	9.4				
▲ ERKUK 391255N-0325635E		29.4				
▲ OKELI 384344N-0330100E		42.5				
▲ OBRUK 380126N-0330708E		20.4				
▲ REBTA 374112N-0331010E		49.7				
▲ MUT VOR (MUT) 365146N-0331730E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM859 (RNAV 5)						
▲ UDROS (FIR BDRY) 424420N-0303546E						- Unidirectional eastbound
▲ BAMUP 423515N-0320103E	092	63.5	FL660 FL285	↓		
▲ ABKEV 423503N-0320254E	093	1.4				
▲ BIMVO 422722N-0330755E		48.6				
▲ VEPUM 422514N-0332502E	094	12.8				
▲ RERVA 422135N-0335333E		21.4				
▲ RUVOM 421737N-0342336E		22.6				
▲ OSDIP 421418N-0344755E	095	18.3				
△ EVKAM 420905N-0352447E		27.9				
▲ KARDE 415414N-0370243E		74.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM860 (RNAV 5)						
▲ KUGOS (FIR BDRY) 424650N-0340516E	<u>129</u> 309	63.2	<u>FL660</u> FL285	↓		- NINVA-SRT VOR SEGMENT Unidirectional westbound.
▲ SINOP VOR (SIN) 420123N-0350434E						
△ ÇARŞAMBA VOR (CRM) 411556N-0363256E	<u>117</u> 302	80.3				
△ ODALI 401940N-0380900E	<u>124</u> 306	92.1				
△ EBEDI 394330N-0390725E		57.6				
△ KONUK 393042N-0392805E		20.5				
△ TALIL 391120N-0395820E		30.4				
△ NAREN 383750N-0404930E		52.1				
△ RENGİ 382750N-0410448E		15.6				
▲ SIIRT VOR (SRT) 375438N-0415255E		50.4				
▲ EFPEZ 373518N-0423919E	294	41.6			↑	
▲ NINVA (FIR BDRY) 372100N-0431300E		30.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM861 (RNAV 5)						
▲ NISAP (FIR BDRY) 364704N-0363829E	318	12.7	FL660 FL285		↓	- Unidirectional westbound
△ MILBA 365705N-0362846E		108.6				
▲ TEVDA 382222N-0350400E	317					
△ BELSU 390751N-0341711E		86.2				
▲ CUBUK VOR (BUK) 401431N-0330618E	339					
▲ RAKUR (FIR BDRY) 424756N-0315652E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN37 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E	<u>059</u> 239	19.3	<u>FL660</u> FL285	↓		
▲ ODZOL 410741N-0401059E		9.6				
▲ ATPUM 411136N-0402233E		1.6				
▲ ZUBRE 411215N-0402429E	<u>059</u> 240	35.3				
▲ IFEMU 412631N-0410719E	<u>060</u> 240	6.5		↑		
▲ LAFNE 412906N-0411513E		9.6				
▲ SARPI (FIR BDRY) 413256N-0412659E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UN61 (RNAV 5)										
▲ TRABZON VOR (TBN) 405943N-0394744E	075 255	99.8	FL660 FL285	↓	↑					
△ GONPU 411802N-0415738E		46.6								
▲ NOLGA (FIR BDRY) 412541N-0425844E										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UN127 (RNAV 5)										
▲ NEMOH (FIR BDRY) 384450N-0261752E	<u>122</u> 302	42.2	<u>FL660</u> FL285	↓		- For NEMOH and BENEM: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - NEMOH-IMR segment: 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC EXCEPT weekends and public holidays stated at GEN 2.1, MNM FL 240.				
▲ IZMIR VOR (IMR) 381902N-0270026E		34.2								
▲ UFQUM 375313N-0272857E	<u>135</u> 314	46.6								
▲ ULKAN 371809N-0280733E		11.7								
▲ SONEN 370917N-0281707E		6.0								
▲ KEKIK 370443N-0282204E		30.7								
△ DALAMAN VOR (DAL) 364122N-0284656E	<u>134</u> 314	29.3		↑						
▲ BIRPU 361908N-0291029E		10.7								
▲ BENEM (FIR BDRY) 361100N-0291900E										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN128 (RNAV 5)						
▲ NEMOH (FIR BDRY) 384450N-0261752E						- For NEMOH and BANRO: REF ENR 2.1-1 Istanbul FIR remarks column note (3).
▲ IZMIR VOR (IMR) 381902N-0270026E	<u>122</u> 302	42.2		↓		
△ OKESA 373745N-0272311E	<u>153</u> 334	45.1				
▲ AKBUK 373000N-0272738E		8.5				
△ YOYYO 371706N-0273424E		14.0				
▲ YUNUS 364235N-0275300E		37.7				
▲ BANRO (FIR BDRY) 362941N-0275943E		14.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN129 (RNAV 5)						
▲ DUGLA 392956N-0271328E						- For PIROX: REF ENR 2.1-1 Istanbul FIR remarks column note (3).
▲ PIROX (FIR BDRY) 362900N-0280300E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN131 (RNAV 5)						
▲ BELGI 403000N-0255300E						- Unidirectional eastbound - For BELGI: REF ENR 2.1-1 İstanbul FIR remarks column note (3). - For KULA VOR (DEN): Only available for traffic destined to Antalya Airport. - AYT VOR-DOREN segment will only be authorized for traffic to or from Ercan (LCEN) Airport (1) Ref AIP TRNC ENR 3.3 (2) The segment BTN AYT VOR-DOREN will only be authorized for traffic to or from Ercan Airport (LCEN). All operators shall file flight plans in accordance with this regulation.
▲ CANAKKALE VOR (CNK) 400804N-0262536E	124	33.2	FL660 FL285	↓		
▲ SUDES 394610N-0265336E	129	30.7				
▲ DUGLA 392956N-0271328E	130	22.3				
▲ OVZOK 392229N-0272508E	127	11.7				
△ NILER 390502N-0275211E		27.3				
△ KULA VOR (DEN) 383441N-0283610E		45.8				
▲ BAGLU 380416N-0291931E		45.7				
▲ CARDAK VOR (CRD) 374723N-0294215E		24.7				
▲ SALDA 373319N-0300001E	130	19.9				
△ KOZLU 372950N-0300428E		5.0				
▲ BRONZ 371611N-0302058E		18.9				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E		29.9				
△ MANAV 364156N-0312128E	111	30.2				
▲ GELKI 363443N-0314051E		17.2				
△ VEMEK 362820N-0315520E		13.3				
▲ BATNU 360939N-0324326E		43.1				
▲ DOREN (FIR BDRY) (2) 355556N-0331658E		30.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN135 (RNAV 5)						
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	288 106	38.3	FL660 FL285		↓	(1) Ref AIP TRNC ENR 3.3
△ NEKES 360913N-0331705E		29.7				(2) All aircraft to enter Turkish Airspace via VESAR entry/exit point until they arrive the subject point shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to VESAR entry/exit point Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.
△ TUKTU 362005N-0324258E		33.7				
△ ALNYA 363218N-0320402E		24.3				
▲ KULOL 364059N-0313537E		10.7				
△ ADASU 364504N-0312320E		30.3				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E		42.4				
△ ERGIN 371348N-0295958E	14.9	↑				
△ NESIL 372035N-0294323E	15.9					
▲ BALSU 372730N-0292525E	37.8					
▲ LAVTA 374318N-0284212E	41.5					
▲ BAPSI 380008N-0275415E	3.8					
▲ KUMAN 380154N-0274958E	19.8					
▲ AFLUH 380955N-0272658E	290 108				22.8	
▲ IZMIR VOR (IMR) 381902N-0270026E	290 108					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UN136 (RNAV 5)								
▲ SOTIV 363300N-0282900E	↓					- For SOTIV: REF ENR 2.1-1 İstanbul FIR remarks column note (3).		
▲ DALAMAN VOR (DAL) 364122N-0284656E							<u>056</u> 235	16.7
▲ OZYAK 370730N-0290836E							<u>028</u> 209	31.4
▲ SUNAT 371507N-0291459E								9.2
▲ RIVBU 371938N-0291845E								5.5
▲ BALSU 372730N-0292525E								9.5
▲ CARDAK VOR (CRD) 374723N-0294215E							<u>028</u> 208	24.0
▲ DESEM 380908N-0300007E								25.9
△ TEKDO 382020N-0300924E								13.4
△ UPKUL 383154N-0301903E								13.8
▲ AFYON VOR (KFK) 384814N-0303248E	↑							
						<u>028</u> 208	19.6	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN161 (RNAV 5)						
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
▲ ALVAR 395945N-0414435E	<u>078</u> 258	24.9	FL660 FL285	↓		
△ YAVUZ 400240N-0422600E	<u>078</u> 259	32.0				
▲ BIRZU 400430N-0425611E	<u>079</u> 259	23.2				
▲ ELTOX 400559N-0432210E		20.0				
▲ INDUR (FIR BDRY) 400656N-0433953E	<u>076</u> 256	13.0		↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN374 (RNAV 1)						
▲ IĞDIR VOR (GDR) 395821N-0435311E						
△ GEZSO 394834N-0443636E	<u>100</u> 280	34.8	<u>FL660</u> FL285	↓	↑	
▲ TUXAZ (FIR BDRY) 394229N-0444437E	<u>128</u> 309	8.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN604 (RNAV 5)						
▲ AMANI (FIR BDRY) 391956N-0262958E	031 211	32.0	FL660 FL285	↓		- For AMANI: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - BEYKOZ-MAKOL segment: unidirectional westbound.
△ SUDES 394610N-0265336E		30.6				
▲ INBET 401111N-0271630E		7.2				
▲ BIGA VOR (BIG) 401703N-0272155E	054 234	95.5		↑		
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	356	20.1				
▲ ERTAS 412741N-0290848E		42.6				
▲ MAKOL (FIR BDRY) 421014N-0290834E				↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN616 (RNAV 5)						
▲ RIXEN (FIR BDRY) 420456N-0284558E	173	12.7	FL660 FL285	↓		- Unidirectional eastbound.
▲ GINLI 415216N-0284628E		7.5				
▲ TETSA 414446N-0284645E		16.1				
△ UNSAV 412842N-0284723E		15.0				
▲ ISTANBUL VORTAC (IST) 405741N-0284838E		16.0				
△ OVACI 394720N-0290915E	163	72.2				
▲ DEDIM 392350N-0291607E		24.1				
△ TUMER 383956N-0292813E		44.9				
▲ CARDAK VOR (CRD) 374723N-0294215E		53.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN617						
▲ MAKOL (FIR BDRY) 421014N-0290834E	356	42.6	FL660 FL285		▲ ↑	YALOVA VOR-VAPEK segment - Unidirectional eastbound. MAKOL-YALOVA VOR segment - Unidirectional westbound.
▲ ERTAS 412741N-0290848E		20.1				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E		39.3				
▲ YALOVA VOR (YAA) 402830N-0291227E	352			▼ ↓		
△ ROXUK 395325N-0294307E	141	42.2				
▲ RORMU 393112N-0295537E	151	24.2				
▲ ERVAG 390355N-0301058E		29.7				
▲ IRGAK 381650N-0303704E		51.3				
▲ VAPEK 372200N-0314140E	131	74.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UN618 (RNAV 5)							
▲ DALAMAN VOR (DAL) 364122N-0284656E	299 119	30.4	FL660 FL285		↓	- EKI-VADEN segment: unidirectional westbound.	
▲ ERFES 365827N-0281537E		9.8					
▲ CENGO 370356N-0280528E		24.6					
▲ MILAS VOR (BDR) 371528N-0273816E	3.5						
△ YOYYO 371706N-0273424E	331 151	14.0					
▲ AKBUK 373000N-0272738E		8.5					
△ OKESA 373745N-0272311E		45.1					
▲ IZMIR VOR (IMR) 381902N-0270026E	003 184	41.4					
▲ BERGO 385956N-0270758E		30.3					
▲ DUGLA 392956E-0271328E		19.0					
△ KONEN 394842N-0271638E		6.0					
▲ LEDLO 395439N-0271744E		4.4					
▲ RAUMA 395902N-0271833E		18.2					
▲ BIGA VOR (BIG) 401703N-0272155E	358 178	40.2		↑			
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	346	38.0					
△ SERCE 413438N-0271833E		29.6					
▲ VADEN (FIR BDRY) 420356N-0271258E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN644 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	084	16.0	FL660 FL285	↓		- DIGTI-BKZ VOR segment unidirectional eastbound
▲ NONDU 410747N-0264029E		77.5				
▲ TIRER 410811N-0282303E						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	085	34.4		↓		
▲ YASEN 411156N-0293058E	071 253	17.4				
△ PAZAR 411756N-0295958E		22.6				
▲ AKCAK 412544N-0304329E	071 251	33.7				
▲ GUMRU 413256N-0312058E	070 250	29.1				
△ HAKAN 414324N-0321754E	071 253	43.9				
△ MIMTO 415049N-0330248E		34.3				
▲ INEBOLU VOR (INB) 415705N-0334222E		30.2				
▲ SINOP VOR (SIN) 420123N-0350434E	079 260	61.4				
△ KARDE 415414N-0370243E	085 268	88.4				
△ FALAZ 415040N-0393100E		110.8				
△ ZERGE 414918N-0400736E	086 269	27.4				
▲ ROLIN (FIR BDRY) 414757N-0403923E		23.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN739 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	139	30.1	<u>FL660</u> FL285	↓		- Unidirectional eastbound.
▲ ATVEP 412744N-0265713E		18.4				
▲ ULMAR 411240N-0271113E		19.0				
▲ TEKIRDAG VOR (EKI) 405703N-0272534E		166.4				
▲ TUMER 383956N-0292813E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UN743 (RNAV 5)								
▲ UDROS (FIR BDRY) 424420N-0303546E	↓							
△ ABSAX 422001N-0323501E							100	91.5
▲ GAKSU 421121N-0334851E							094	55.5
△ RUVOM 421737N-0342336E							071	26.6
▲ ODIRA (FIR BDRY) 424232N-0365453E								114.6

Route designator Name of significant points Coordinates	Track MAG	DIST NM	Upper limits Lower limits or Minimum Altitude	Lateral Limits (NM)	Direction of cruising levels		Remarks Controlling Unit Channel				
					Odd	Even					
1	2	3	4	5	6						
UP14 (RNAV 5)											
▲ TIPOT (FIR BDRY) 385509N-0264023E	- Unidirectional eastbound										
△ ZAFLE 384602N-0265757E							118	16.5	FL660 FL285	10	↓
△ TUFUB 383022N-0272430E							121	26.0			
△ ODNOD 381555N-0274841E								23.9			
▲ LAVTA 374318N-0284212E							122	53.4			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UP29 (RNAV 5)							
▲ SUMOL (FIR BDRY) 424756N-0331052E	182	20.7	FL660 FL285	↓		- Unidirectional east bound	
▲ BIMVO 422722N-0330755E		36.7					
▲ MIMTO 415049N-0330248E		23.8					
▲ TEPKI 412712N-0325934E		83.5					
▲ BAGLUM VOR (BAG) 400412N-0324836E	204	45.8					
△ HALIL 392326N-0322128E		85.6					
△ HISAR 380656N-0313228E		50.1					
△ DAMLA 372141N-0310518E		30.0					
▲ ANTALYA VOR (AYT) 365514N-0304740E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP146 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E					- Unidirectional eastbound - AGRI VOR-AGINA Segment is not available for traffic at FL290 and FL370	
▲ MILQO 404745N-0402209E	108	28.8	FL660 FL285	↓		
▲ WIDAR 400732N-0421303E		93.8				
△ YAVUZ 400240N-0422600E	110	11.1				
▲ ALVUH 394839N-0424659E	124	21.4				
▲ AGRI VOR (ARI) 393846N-0430137E		15.0				
▲ VOSWO 393509N-0431341E	105	10.0				
▲ AGINA(FIR BDRY) 391924N-0440512E		42.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP727 (RNAV 5)						
▲ FENER 411711N-0282128E	↓					- Unidirectional westbound
▲ REZOV (FIR BDRY) 415900N-0280638E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP975 (RNAV 5)						
▲ ARTAT (FIR BDRY) 422150N-0293727E						Unidirectional east bound
△ ERMUP 420002N-0310122E	104	66.1		↓		
△ ROKVA 414945N-0313926E	105	30.2				
▲ NAPIP 414824N-0314420E		3.9				
△ UNVUS 414142N-0320829E		19.3				
△ ASMOB 414010N-0321358E		4.4				
△ RELTU 413839N-0321924E		4.4				
△ APTOX 413535N-0323015E		8.7				
△ TEPKI 412712N-0325934E	23.6					
▲ PIPUR 412104N-0331420E	114	12.7				
△ ORMAN 411731N-0332309E		7.5				
△ ERGUN 404447N-0344420E		69.6				
▲ SIVAS VOR (SIV) 394722N-0365336E		114.3				
▲ NUNTU 393447N-0372135E		25.0				
△ VEVEN 392710N-0373818E		15.0				
▲ ARPUT 385032N-0385631E		71.0				
▲ ELAZIG VOR (EVS) 384229N-0391326E		15.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP975 (Continued)(RNAV 5)						
▲ ELAZIG VOR (Ezs)			FL660 FL285	↓	↑	- All Aircraft to enter Turkish airspace via LESRI entry point, before 5 minutes to the subject point, shall contact to Ankara ACC through 132.9 MHz, 127.925 MHz for LESRI or emergency channels. Any Aircraft not contact to Ankara ACC over LESRI entry point shall not be permitted to enter Turkish airspace.
384229N-0391326E						
▲ DIYARBAKIR VOR (DYB)	<u>131</u> 311	68.3				
375225N-0401230E	<u>128</u> 308	51.0				
▲ LEKRO		17.4				
371638N-0405817E						
▲ LESRI (FIR BDRY)						
370420N-0411349E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UQ23 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E	001 94.2 FL660 FL285 ↓ - Unidirectional westbound.					
▲ OSVEL 382855N-0310107E						
▲ OSDAN 385107N-0304125E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UQ26 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E	355	72.4	FL660 FL285		↓	- Unidirectional westbound.
▲ EKNUD 380745N-0304837E		43.7				
▲ OSDAN 385107N-0304125E	347					
▲ HANKO 392956N-0301558E	328	43.5				
△ EMBIX 395743N-0300105E	332	30.0				
△ INSEG 403941N-0293811E		45.4				
△ BEYKOZ VOR (BKZ) 410737N-0290834E	316	35.8				
▲ DIGBO 412937N-0282416E	298	40.0				
▲ TUDBU (FIR BDRY) 415800N-0274637E	310	40.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT30						
▲ ATGIT 381205N-0294457E	006 57.0 FL660 FL285 ↓					- Unidirectional westbound.
▲ SIVKU 390805N-0295848E						
▲ KARGI 392545N-0300316E						
▲ OTSIX 394542N-0295722E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT32 (RNAV 5)							
▲ CUBUK VOR (BUK) 401431N-0330618E	291	150.1	FL660 FL285		▲	- GEM-BUK segment: Unidirectional westbound. - BUK-GEM segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports)	
▲ GEMEREK VOR (GEM) 390914N-0360143E							
△ UREBO 384722N-0370839E	106 287	56.5		↓			
▲ MALATYA VOR (ERH) 382745N-0380643E		49.5					
△ ASKER 381637N-0384705E	103 284	33.6					
△ DIGIL 381143N-390438E		14.6					
▲ MOVUL 380910N-0391355E		8.0					
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E		49.0					
▲ SUMAP 380702N-0403624E	046 226	24.0					↑
△ TAMER 381426N-0404859E		12.3					
△ EKMIN 381703N-0405304E		4.1					
△ BALIM 382547N-0410727E		14.3					
△ BAYIR 383541N-0412414E		16.5					
▲ MUS VOR (MUS) 384500N-0413940E		15.2					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT35 (RNAV 5)							
▲ ISTANBUL VORTAC (IST) 405741N-0284838E	152	68.4	FL660 FL285			- Unidirectional eastbound.	
▲ RATVU 395424N-0292242E		17.3					
▲ NUMTI 393828N-0293127E	48.2						
▲ DOKUB 385328N-0295344E		154					35.3
▲ TEKDO 382020N-0300924E	155						
▲ UNEPI 381458N-0301152E		14.9					
▲ BABSA 380056N-0301818E							69.7
▲ ANTALYA VOR (AYT) 365514N-0304740E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT36 (RNAV 5)							
▲ ELAZIG VOR (EVS) 384229N-0391326E						- Elazığ VOR-ULKEM and DERIL-ALRAM segments are unidirectional eastbound.	
△ ASPUL 383306N-0402446E	093	56.6	FL660 FL285	↓			
△ RENGİ 382750N-0410448E		31.8					
△ ULTED 382102N-0414934E		35.8					
△ LIVDO 381541N-0422450E	096	28.3					
△ ULKEM 380638N-0432153E		45.8					
△ DERİL 374404N-0442454E	110 290	54.7		↓	↑		
▲ ALRAM (FIR BDRY) 374230N-0443736E	090	9.6			↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT38 (RNAV 5)						
▲ BELGI (FIR BDRY) 403000N-0255300E	119	76.2	FL660 FL285	↓		BELGI-VAPEK segment Unidirectional eastbound.
▲ KONEN 394842N-0271638E						
△ ADPEW 394229N-0272853E	120	11.3				(1) Ref AIP TRNC ENR 3.3
▲ ATKAN 393112N-0275058E		20.5				VAPEK-VESAR segment bidirectional.
▲ KUDAK 391756N-0281636E		23.9				- All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.
▲ TUMER 383956N-0292813E		67.5				
▲ RESLI 381740N-0300711E	122	37.8				
▲ UNEPI 381458N-0301152E		4.6				
△ LEMDA 375856N-0303925E	123	27.0				
△ VAPEK 372200N-0314140E		61.7				
▲ KETEK (1) 365316N-0322842E	123 304	47.3		↓	↑	
▲ UMDOT 362257N-0331713E		49.4				
▲ VESAR (FIR BDRY) 355456N-0340058E		45.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT39 (RNAV 5)						
▲ KULA VOR (DEN) 383441N-0283610E					- Unidirectional eastbound.	
▲ IPGIG 375041N-0291713E	139	54.6	FL660 FL285	↓		(1) Ref AIP TRNC ENR 3.3
▲ NESIL 372035N-0294323E		36.6				(2) All aircraft to enter Turkish Airspace via TOMBI entry/exit point until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to TOMBI entry/exit point Any aircraft not contact to Ankara ACC until reaching to the TOMBI entry/exit point shall not be permitted to enter Turkish Airspace.
▲ LAMSA 370639N-0295522E	16.9					
▲ EDISI (1) 365057N-0300847E	19.0					
▲ TOMBI (FIR BDRY) (2) 360226N-0304928E	58.6					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT44 (RNAV 5)						
△ MARMA 403138N-0273856E						- Unidirectional eastbound.
▲ ALEDA 395139N-0275022E	163	40.9	FL660 FL285			
▲ MINSU 390504N-0280322E		47.6				
△ KULA VOR (DEN) 383441N-0283610E	135	39.7				
△ LAVTA 374318N-0284212E	170	51.5				
▲ ATSAL 373001N-0284308E	171	13.3				
△ KAVAK 372126N-0284358E		8.6				
▲ DALAMAN VOR (DAL) 364122N-0284656E		40.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT54 (RNAV 5)						
▲ SITRU (FIR BDRY) 380626N-0261758E						- For SITRU: REF ENR 2.1-1 İstanbul FIR remarks column note (3)
▲ IZMIR VOR (IMR) 381902N-0270026E	064 244	35.7	FL660 FL285	↓		
△ LASON 382305N-0272710E	073 253	21.4				
△ VAKUM 383008N-0281529E		38.6				
△ KULA VOR (DEN) 383441N-0283610E	070 250	16.9				
△ NESET 383753N-0290711E	078 258	24.5				
△ TUMER 383956N-0292813E	076 257	16.6				
△ KINIK 384356N-0295958E		25.1				
▲ AFYON VOR (KFK) 384814N-0303248E		26.0				
△ ROLVI 391304N-0314841E	063 244	64.1				
△ HALIL 392326N-0322128E		27.5				
▲ HAYMANA NDB (HAY) 392612N-0323034E		7.6				
△ OZCIM 392844N-0325417E	076 256	18.5				
△ EPHIK 393059N-0331540E		16.7				
▲ AVCES 393312N-0333736E		17.1				
△ JUPNE 393742N-0342422E	076 257	36.4				
▲ USFAF 394350N-0353422E	077 258	54.4				
△ ZACUF 394701N-0361437E	080 261	31.2				
▲ SİVAS VOR (SIV) 394722N-0365336E		30.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT57 (RNAV 5)									
▲ VICEN	Unidirectional eastbound.								
403957N-0301803E									
△ ZAPWI						121	12.9	FL660 FL285	↓
403203N-0303129E						097	10.0		
△ BEZWU									
402947N-0304414E	101	23.3							
▲ VEVUD									
402251N-0311320E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT58 (RNAV 5)						
▲ KUXIL 372851N-0290018E					Unidirectional eastbound.	
▲ IPGIG 375041N-0291713E	027	25.6	FL660 FL285	↓		
▲ ATGIT 381205N-0294457E	041	30.6				
▲ EMKUD 383610N-0301641E		34.7				
▲ AFYON VOR (KFK) 384814N-0303248E		17.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT61 (RNAV 5)						
▲ SINOP VOR (SIN) 420123N-0350434E						
▲ UVULU 413413N-0343211E						
▲ NENDO 411931N-0341446E						
▲ BAGLUM VOR (BAG) 400412N-0324836E	215 037	36.4	FL660 FL285	↓		
▲ HAYMANA NDB (HAY) 392612N-0323034E		19.7				
	99.8	↑				
	40.5					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT62 (RNAV 5)						
▲ TELVO 392216N-0325518E	202 021	103.4	FL660 FL285	↓		- Will only be available BTN 31 MAY-01 NOV
▲ RUKAP 374915N-0315758E		30.2				
▲ VAPEK 372200N 0314140E		18.1				
▲ PIDEV 370539N-0313200E		13.2				
▲ KONAK 365341N-0312458E				↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UT69 (RNAV 5)								
▲ OVACI 394720N-0290915E	↓					- Unidirectional eastbound.		
▲ BAKPI 384458N-0293933E							154	66.6
▲ RUNOL 382737N-0295453E							140	21.1
▲ BABSA 380056N-0301818E								32.4
			FL660 FL285					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT76 (RNAV 5)						
▲ DOKUB						- Unidirectional eastbound.
385328N-0295344E						
▲ AFYON VOR (KFK)						
384814N-0303248E						
	094	31.0	FL660 FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT79 (RNAV 5)						
▲ ILHAN 402638N-0334213E	↓					- Unidirectional westbound.
▲ DEREL 404250N-0321136E						
△ UFKAC 405417N-0312515E						
▲ NAMAN 405956N-0305958E						
	277	70.9	FL660 FL285			
	282	37.0				
	280	20.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT97 (RNAV 5)						
▲ KANQO 411330N-0304536E						- Unidirectional westbound
△ LETBU 410757N-0320409E	270	59.6	FL660 FL285			
▲ ASTAL 404426N-0330728E	290	53.4				
▲ ILHAN 402638N-0334213E	298	31.9				
▲ TIMOP 395931N-0352140E	284	80.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT142 (RNAV 5)						
▲ ASKER 381637N-0384705E						
▲ SONSU 375248N-0382312E						
▲ BUPUN 372340N-0375420E						
	<u>214</u> 033	30.4	<u>FL660</u> FL285	▲ ↓	▼ ↓	
	<u>214</u> 034	37.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT143 (RNAV 5)						
▲ ARTAR 370538N-0385041E						
▲ OSKOV 370416N-0380927E	263	33.0	FL660 FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT162 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	↓					- Unidirectional eastbound.
▲ DRAMO 410204N-0263640E						
	107	14.2	FL660 FL285			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UT165 (RNAV 5)								
▲ TRABZON VOR (TBN) 405943N-0394744E	<u>094</u> 274	28.7	FL660 FL285	↓				
△ NETPU 405522N-0402508E		11.0						
△ ABVEX 405339N-0403928E		10.1						
△ SUREL 405202N-0405238E	<u>096</u> 276	12.0						
△ LEGDO 405006N-0410814E		61.7						
▲ LUMEX 403909N-0422809E		5.6						
▲ AKUTU 403805N-0423519E		8.8						
▲ EDASU 403624N-0424636E		15.3						
▲ KARS VOR (KAR) 403324N-0430614E	<u>052</u> 232	14.8					↑	
▲ EKPOS 404126N-0432238E		16.6						
▲ REBLO (FIR BDRY) 405024N-0434106E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT166 (RNAV 5)						
▲ ERZİNCAN VOR (ERN) 394230N-0393145E	<u>004</u> 184	14.5	FL660 FL285	↓		
▲ ORHAN 395651N-0393440E		8.8				
▲ BALON 400530N-0393630E		19.8				
▲ SONAD 402505N-0394035E	<u>003</u> 183	5.1		↑		
▲ PIXAP 403006N-0394132E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT167 (RNAV 5)						
▲ DELEL 405754N-0405325E						
▲ OTROM 405640N-0403933E						
▲ NETPU 405522N-0402508E						
	<u>258</u> 078	10.6	<u>FL660</u> FL285	▲ ↓	▼ ↓	
		11.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT168 (RNAV 5)						
▲ RIZE-ARTVIN VOR (ART) 411049N-0405131E						
▲ ALNOZ 405120N-0405708E						
▲ LEHOK 402151N-0410533E						
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
	161 341	19.9	FL660 FL285	↓	↑	
		30.2				
		25.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT179 (RNAV 5)						
▲ ERVAG 390355N-0301058E						- Unidirectional eastbound.
▲ AFYON VOR(KFK) 384814N-0303248E	127	23.1	<u>FL660</u> FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT210 (RNAV 5)						
▲ ASTAL 404426N-0330728E						- Unidirectional westbound.
▲ DEREL 404250N-0321136E	262	42.5	FL660 FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT226 (RNAV 5)						
▲ DIGBO 412937N-0282416E						- Unidirectional westbound
▲ REZOV (FIR BDRY) 415900N-0280638E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT238 (RNAV 5)						
▲ OKESA 373745N-0272311E						
▲ OZNEF 374121N-0273303E						
▲ CILDIR VOR (CLD) 374853N-0275347E						
▲ UVTOL 374603N-0281846E						
▲ LAVTA 374318N-0284212E						
	061 241	8.6	FL660 FL285	↓		
		18.1				
	094 274	20.0				
		18.8				
				↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT241 (RNAV 5)						
▲ AKBUK 373000N-0272738E	044 224	8.0	FL660 FL285	↓	↑	KULA VOR-MISRO segment unidirectional westbound.
△ ALPUW 373525N-0273505E		20.0				
▲ CILDIR VOR (CLD) 374853N-0275347E		30.0				
▲ NODKO 381311N-0281607E	032 212	27.0				
▲ KULA VOR (DEN) 383441N-0283610E		76.9				
▲ NUMTI 393828N-0293127E	210	22.7			↑	
▲ MISRO 395710N-0294804E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT243 (RNAV 5)							
▲ HAYMANA NDB (HAY) 392612N-0323034E	<u>090</u> 271	39.8	<u>FL660</u> FL285	↓			
△ AZBUL 392256N-0332143E		28.7					
△ BADOX 391955N-0335831E		61.1					
391324N-0351648E		35.2					
▲ GEMEREK VOR (GEM) 390914N-0360143E	<u>009</u> 189	39.1					↑
△ ZACUF 394701N-0361437E		5.6					
▲ ENFOR 395226N-0361629E	<u>003</u> 183	27.0					
▲ TOKAT VOR (TKT) 401907N-0362210E		57.4					
▲ CARSAMBA VOR (CRM) 411556N-0363256E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT244 (RNAV 5)						
▲ SOMGU						
▲ 393312N-0295720E	121 301	9.6	FL660 FL285	↓		
EDASA		96.5				
▲ 392736N-0300728E		81.9				
OKMOT		75.3				
▲ 383038N-0314727E				↑		
REBTA						
▲ 374112N-0331010E						
MANAZ						
365453N-0342441E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT253 (RNAV 5)						
▲ RENGI 382750N-0410448E						- Unidirectional eastbound.
▲ OTKEP 375133N-0423936E						
	110	83.1	FL660 FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT264 (RNAV 5)						
△ FENER 411711N-0282128E						- Unidirectional westbound.
▲ TUDBU (FIR BDRY) 415800N-0274637E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT268 (RNAV 5)						
▲ RIVBU 371938N-0291845E	352 31.0 FL660 FL285 ↓					- Unidirectional eastbound.
▲ IPGIG 375041N-0291713E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT275 (RNAV 5)						
▲ INEBOLU VOR (INB) 415705N-0334222E						
▲ KASTAMONU VOR (KST) 412101N-0334800E						
	168 348	36.3	FL660 FL285	↓	↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT276 (RNAV 5)						
▲ KASTAMONU VOR (KST) 412101N-0334800E						
▲ OSRIN 411816N-0332829E	<u>254</u> 074	15.0	<u>FL660</u> FL285	▲ ↑	↓	
▲ ORMAN 411731N-0332309E		4.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT277 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E	118 52.4 FL660 FL285 ↓					- Unidirectional eastbound.
▲ UTUSO 362659N-0314238E						
▲ BEPTO 361611N-0320312E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT283 (RNAV 5)							
▲ OKESA 373745N-0272311E							
△ ALPUW 373525N-0273505E	<u>100</u> 280	9.7	<u>FL660</u> FL285	↓			
△ KAVAK 372126N-0284358E		56.6					
△ BALSU 372730N-0292525E	<u>075</u> 255	33.6					↑

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT284 (RNAV 5)							
▲ EVKIT 361540N-0334516E	<u>029</u> 210	30.0	<u>FL660</u> FL285			Not available for traffic, 1. With DEP/DEST LTCB 2. With DEP/DEST LTAR	
▲ INPOR 364030N-0340612E		119.7					
▲ UDVET 381854N-0353201E		108.9					
▲ SIVAS VOR (SIV) 394722N-0365336E	<u>031</u> 212	32.1					
▲ ATRIV 401245N-0371907E		29.0					
△ EKTOD 403531N-0374224E		4.3					
△ ODSAM 403853N-0374553E		9.2					
△ VAKTI 404606N-0375322E		8.9					
△ IPDAL 405303N-0380037E	<u>030</u> 210	5.9					
▲ ORDU GİRESUN NDB (ORI) 405752N-0380510E	<u>034</u> 214	13.2					
▲ ARSUG 410759N-0381620E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT301 (RNAV 5)						
▲ ULTED 382102N-0414934E	110	74.7	FL660 FL285	↓		- ULTED-NARLI and YKV VOR- LUMOM segments unidirectional eastbound.
△ NARLI 374856N-0431459E		24.9				
△ INLAP 374101N-0434445E		25.0			↑	
△ YUKSEKOVA VOR (YKV) 373257N-0441433E						
▲ LUMOM (FIR BDRY) 371612N-0444924E	115	32.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UT302 (RNAV 5)										
▲ ADORU (FIR BDRY)						The Segment BTV ADORU-ERSEN is unidirectional eastbound.				
△ 415218N-0263406E SERCE							113	37.6	FL660 FL285	↓
△ 413438N-0271833E TIRER								55.2		
▲ 410811N-0282303E ISTANBUL VORTAC (IST)	22.0									
△ 405741N-0284838E VATCA	083	38.1								
▲ 405851N-0293857E ERKAL		15.0								
▲ 405912N-0295847E NUMSO	098	17.0								
▲ 405522N-0302043E ERSEN		15.0								
▲ 405156N-0303958E GUMRU	<u>032</u> 213	51.4		↓	↑					
413256N-0312058E										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT304 (RNAV 5)						
△ EVPIM 415342N-0322200E	272	5.8	FL660 FL285		↓	- Unidirectional westbound.
△ LUUPU 415434N-0321418E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT305 (RNAV 5)						
▲ ERVAG 390355N-0301058E	176	43.5	FL660 FL285	↓		- Unidirectional eastbound.
▲ TEKDO 382020N-0300924E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UT306 (RNAV 5)										
▲ SIIRT VOR (SRT) 375438N-0415255E	<u>161</u> 341	13.7	<u>FL660</u> FL285							
▲ ABDIK 374118N-0415719E		20.0								
▲ SIRNAK VOR (RNA) 372154N-0420341E										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT308 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E	256 076	30.2	FL660 FL285	▲ ↑	▼ ↓	
▲ ROTKU 384735N-0395741E		35.3				
▲ ELAZIG VOR (Ezs) 384229N-0391326E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT309 (RNAV 5)							
▲ BINGOL VOR (BNG) 385120N-0403603E	<u>018</u> 198	30.1	<u>FL660</u> FL285	↓			
▲ ADNOS 391906N-0405111E		41.6					
▲ ERZURUM VOR (ERZ) 395724N-0411225E							
▲ VIRAN 400707N-0414210E	<u>061</u> 243	24.8					
▲ RAHMA 402224N-0423029E		40.1					
▲ NIVLA 402744N-0424746E		14.2					
▲ KARS VOR (KAR) 403324N-0430614E		15.2					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT310 (RNAV 5)						
▲ NUGBA 413528N-0304027E						- Unidirectional westbound BTN GAKSU and NUGBA - Unidirectional eastbound BTN GAKSU and SIN VOR
△ VEMAG 414044N-0310809E	250	21.4	FL660 FL285		▲ ↑	
▲ NAPIP 414824N-0314420E	249	28.1				
△ LUUPU 415434N-0321418E		23.2				
▲ ADUMU 420417N-0330440E	250	38.8				
▲ GAKSU 421121N-0334851E	252	33.6				
▲ OTKOT 420641N-0342558E	093	28.0				
▲ ATNOP 420308N-0345130E		19.3				
▲ SINOP VOR (SIN) 420123N-0350434E		9.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT315 (RNAV 5)						
▲ NUGBA 413528N-0304027E						
▲ GUMRU 413256N-0312058E	<u>087</u> 267	30.5	FL660 FL285	↓	↑	
▲ CAYCUMA VOR (CAY) 413050N-0320240E	<u>088</u> 268	31.4				
▲ HAKAN 414324N-0321754E	<u>035</u> 216	17.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT324 (RNAV 5)						
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
▲ WIDAR 400732N-0421303E						
▲ YUWAC 401408N-0425432E						
▲ EMDAH 401805N-0432010E						
▲ FODEC (FIR BDRY) 402025N-0433537E						
	<u>071</u> 252	47.7	FL660 FL285	↓	↑	
	072 252	32.5				
		20.0				
		12.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT329 (RNAV 5)						
▲ AZBUL 392256N-0332143E	305	59.5	FL660 FL285	↓		- Unidirectional westbound.
▲ NEGBU 400051N-0322218E						
▲ TOKER 401848N-0304620E	279	75.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT331 (RNAV 5)						
▲ YAVUZ 400240N-0422600E						
▲ ASKAZ 400729N-0425220E						
▲ ETISI 401201N-0431744E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT332 (RNAV 5)						
▲ BEYAZ 383018N-0424717E						
▲ ERPIM 380625N-0424232E						
▲ OTKEP 375133N-0423936E	184 004	24.2	FL660 FL285	▲	▼	
▲ EFPEZ 373518N-0423919E	356	15.0			▲	
▲ KABAN (FIR BDRY) 371456N-0423859E		16.2				
		20.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT333 (RNAV 5)						
▲ BEYAZ 383018N-0424717E	<u>226</u> 046	22.9	<u>FL660</u> FL285	↓		- All Aircraft to enter Turkish airspace via LESRI entry point, before 5 minutes to the subject point, shall contact to Ankara ACC through 132.9 MHz, 127.925 MHz for LESRI or emergency channels. Any Aircraft not contact to Ankara ACC over LESRI entry point shall not be permitted to enter Turkish airspace.
△ LIVDO 381541N-0422450E		12.6				
△ EMBAG 380736N0421231E						
▲ SIIRT VOR (SRT) 375438N-0415255E	<u>226</u> 045	20.2		↑		
△ ESOTA 374612N-0414621E	<u>207</u> 027	9.9				
▲ LESRI (FIR BDRY) 370420N-0411349E		49.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT336 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						
▲ ATSUB 363505N-0313721E	<u>112</u> 292	44.7	<u>FL660</u> FL285		↓	
△ EVKOR 362544N-0320000E	<u>113</u> 293	20.5				
▲ GAZİPASA NDB (GZP) 361815N-0321751E		16.2		↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT337 (RNAV 5)						
▲ EKSEN 375326N-0304013E	020 15.8 23.3 29.4 FL660 FL285 ↓					- Unidirectional westbound
▲ EKNUD 380745N-0304837E						
▲ OSVEL 382855N-0310107E						
▲ AFYON VOR (KFK) 384814N-0303248E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT338 (RNAV 5)						
▲ RORMU 393112N-0295537E	106	9.8	FL660 FL285	↓		- Unidirectional eastbound
▲ EDASA 392736N-0300728E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UT339 (RNAV 5)										
▲ GAZİPASA NDB (GZP) 361815N-0321751E										
▲ ELROP 363022N-0323912E	049 230	21.1	FL660 FL285		↓					
▲ MUT VOR (MUT) 365146N-0331730E		37.5								
△ ERGEP 372638N-0335745E	037 218	47.4		↑						
△ SELVI 375356N-0342958E		37.4								
▲ ERCIS 381613N-0345637E		30.6					↓			
△ TEVDA 382222N-0350400E		8.5								
△ ERHAN 383126N-0351344E		11.9								
▲ TIRMA 385632N-0354554E	17.7	↑								
▲ GEMEREK VOR (GEM) 390914N-0360143E										30.4
▲ ADVOK 393013N-0363004E	040 220						25.0			
▲ SIVAS VOR (SIV) 394722N-0365336E										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT341 (RNAV 5)							
▲ ERKAL 405912N-0295847E					CTP NDB-BAG unidirectional eastbound.		
▲ CENGİZ TOPEL NDB (CTP) 404415N-0300417E	<u>156</u> 336	15.5	<u>FL660</u> FL285				
▲ ASMAP 403753N-0304241E	097	29.9					
▲ VEVUD 402251N-0311320E	117	27.8					
▲ ODRUP 401600N-0315458E	097	32.6					
▲ BAGLUM VOR (BAG) 400412N-324836E	100	42.8					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT342 (RNAV 5)						
▲ PIMAV 402402N-0295713E						
▲ CENGİZ TOPEL NDB (CTP) 404415N-0300417E	<u>013</u> 193	21.2	<u>FL660</u> FL285	▲ ↑	▼ ↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT350 (RNAV 5)						
▲ EDREMIT VOR (EDR) 393303N-0270018E	103 283	10.6	FL660 FL285	↓	↑	- DUGLA-NEXAM-KAVAK segment unidirectional eastbound
▲ DUGLA 392956N-0271328E						
▲ NEXAM 373001N-0283807E	146	137.0		↓		
▲ KAVAK 371226N-0284358E		9.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT363 (RNAV 5)						
▲ LATGA 401953N-0320532E						- Unidirectional eastbound.
▲ ESENBOGA VOR (ESB) 400848N-0330045E	099	43.7	<u>FL660</u> FL285			
▲ GURBU 401006N-0334958E	082	37.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT364 (RNAV 5)						
▲ ESENBGA VOR (ESB) 400848N-0330045E	↓					- Unidirectional eastbound.
▲ ILHAN 402638N-0334213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT366 (RNAV 5)									
▲ BONAM (FIR BDRY) 380256N-0441759E	↓					- Unidirectional westbound.			
▲ VAN VOR (VAN) 382758N-0431930E							294	52.4	<u>FL660</u> FL285
△ TURNA 393331N-0412128E							301	112.9	
△ DAMAT 395722N-0403953E								40.0	
△ SONAD 402505N-0394035E							296	53.2	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT367 (RNAV 5)						
▲ BONAM (FIR BDRY) 380256N-0441759E						- Unidirectional westbound.
▲ VAN VOR (VAN) 382758N-0431930E	294	52.4	FL660 FL285		↓	
▲ BOZLO 385506N-0420844E	291	61.7				
△ OTLUG 390913N-0413044E		32.8				
△ ULREP 392254N-0405316E	290	32.1				
△ REKVO 393117N-0402954E	289	20.0				
△ SOMBU 393601N-0401637E		11.3				
△ ESEPO 395107N-0393330E		36.5				
△ LANVO 395637N-0391731E		13.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT368 (RNAV 5)						
▲ ELAZIG VOR (EZS) 384229N-0391326E						- BONAM-VAN segment: unidirectional westbound
▲ PALUT 384138N-0393200E	<u>087</u> 267	14.5	FL660 FL285	↓		
△ UMLEN 383942N-0401300E	<u>089</u> 269	32.1				
△ NAREN 383750N-0404930E		28.6				
△ BAYIR 383541N-0412414E	<u>090</u> 270	27.3		↑		
▲ TUMKU 383304N-0420622E	<u>089</u> 270	33.1				
▲ BEYAZ 383018N-0424717E	<u>090</u> 270	32.2				
▲ VAN VOR (VAN) 382758N-0431930E	<u>090</u> 271	25.4				
▲ ZELSU 381556N-0434659E	294	24.7			↑	
▲ BONAM (FIR BDRY) 380256N-0441759E		27.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT380 (RNAV 5)									
▲ VICEN 403957N-0301803E	↓					- Unidirectional eastbound.			
▲ ASMAP 403753N-0304241E							090	18.9	FL660 FL285
▲ TOKER 401848N-0304620E							167	19.3	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT409 (RNAV 5)						
▲ SULTA 400244N-0294423E						SULTA-NUMTI - Unidirectional westbound. NUMTI-KARGI - Unidirectional eastbound.
▲ ROXUK 395325N-0294307E						
▲ NUMTI 393828N-0293127E	181	9.4	FL660 FL285		↓	
▲ KARGI 392545N-0300316E	206	17.4				
	112	27.7			↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT422 (1) (RNAV 5)						
▲ CAYCUMA VOR (CAY) 413050N-0320240E						(1) Only available for traffic to / from LTAS
▲ NAPIP 414824N-0314420E						(2) Segment between LEGMU- EVGEG unidirectional westbound
▲ LEGMU 415651N-0313521E						
▲ ODMAX 420717N-0312411E						
▲ EVGEG 422726N-0310627E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT470 (RNAV 5)							
▲ ADKAR 364733N-0351152E	<u>088</u> 268	39.6	<u>FL660</u> <u>FL285</u>	↓		- Caution: Turkish-Syria border is approximately 6 KM south of the ATS route	
△ ERCER 364500N-0360100E		25.3					
△ MILBA 365705N-0362846E		18.4					
▲ BABLI 365712N-0365147E	<u>084</u> 264	14.0					
▲ KOZAN 365715N-0370915E		15.3					
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	<u>076</u> 256	14.2					
▲ NIZIP 365905N-0374600E		37.5					
▲ SURUC 370348N-0383224E		14.8					
▲ ARTAR 370538N-0385041E	<u>048</u> 228	15.1					
▲ OZBEY 371431N-0390600E		65.1					↑
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E							

Route designator Name of significant points Coordinates	Track MAG	DIST NM	Upper limits Lower limits or Minimum Altitude	Direction of cruising levels		Remarks Controlling Unit Channel
				Odd	Even	
1	2	3	4	5		6
UT471 (RNAV 5)						
▲ MARDIN VOR (MRD)						
371339N-0403820E						
▲ GOFCA						
371130N-0400708E						
▲ ARTAR	259 079	25.0	FL660 FL285	▲ ↑	↓ ▼	
370538N-0385041E						
		61.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT472 (RNAV 5)						
▲ GAP VOR						
372729N-0385417E						
▲ ARTAR						
370538N-0385041E	<u>183</u> 003	22.1	<u>FL660</u> FL285	↑	↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT476 (RNAV 5)						
▲ KEKIK					- Unidirectional westbound	
370443N-0282204E						
△ YOYYO	283	40.0	<u>FL660</u> FL285			
371706N-0273424E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UT489 (RNAV 5)								
▲ IZMIR VOR (IMR)						- Flights departing any aerodrome within Izmir TMA destined to Dalaman Airport are not authorized to fly via this route.		
381902N-0270026E	<u>119</u> 299	44.3	<u>FL660</u> FL285	↓				
▲ SISVO		42.2						
375344N-0274635E								
▲ SONUP	13.7							
372923N-0283000E								
△ KAVAK	<u>101</u> 281	25.5						↑
▲ SUNAT		7.5						
371507N-0291459E								
▲ AKIMO		11.8						
371314N-0292404E								
▲ EVBOL		14.1						
371016N-0293818E								
▲ LAMSA		43.3						
370639N-0295522E								
▲ ANTALYA VOR (AYT)								
365514N-0304740E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT491 (RNAV 5)						
△ ODNOD	139	56.9	FL660 FL285	↓		- Unidirectional eastbound
▲ SONUP						
372923N-0283000E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UT495 (RNAV 5)								
△ TUMER						The segment BTN TUMER-KAVAK is unidirectional eastbound		
383956N-0292813E								
△ LAVTA	207	67.2	FL660 FL285	↓				
374318N-0284212E								
▲ ATSAL	171	13.3					↓	
373001N-0284308E		8.6						
▲ KAVAK	237 057	14.4		↓				
372126N-0284358E		10.7						
▲ ARMAM		10.3						
△ NEPNO		292 112					24.6	↑
370905N-0281640E								
▲ CENGO								
370356N-0280528E								
▲ MILAS VOR (BDR)								
371528N-0273816E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT615 (RNAV 5)						
▲ SISPI 395453N-0295212E	317	9.9	<u>FL660</u> FL285		↓	- Unidirectional westbound
▲ SULTA 400244N-0294423E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT641 (RNAV 5)						
▲ TIRER 410811N-0282303E						- Unidirectional eastbound.
▲ EKAWE 420152N-0300723E	049	94.9	FL660 FL285	↓		
▲ OSMEV 415952N-0303418E	089	20.2				
△ ERMUP 420002N-0310122E	084	20.2				
△ GIPDA 421449N-0321218E	069	54.8				
△ ABSAX 422001N-0323501E	067	17.6				
▲ BIMVO 422722N-0330755E	068	25.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT643 (RNAV 5)						
▲ GAKSU 421121N-0334851E						- Unidirectional eastbound.
△ OLDUD 420958N-0323643E	082	53.6	FL660 FL285	↑		
△ GIVEV 420522N-0321639E	067	15.6				
△ MODAU 420033N-0315309E	068	18.1				
▲ LEGMU 415651N-0313521E		13.8				
▲ YAHAV 415024N-0310454E		23.6				
▲ ATPIX 414512N-0303725E	070	21.2				
▲ EKAWE 420152N-0300723E	120	27.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT680 (RNAV 5)						
▲ RORMU 393112N-0295537E	↓					- Unidirectional eastbound
▲ KARGI 392545N-0300316E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT777 (RNAV 5)						
▲ FENER 411711N-0282128E						- Unidirectional eastbound.
▲ DIGBO 412937N-0282416E	004	12.6	FL660 FL285		↓	
▲ IBLAL 415915N-0282015E	348	29.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT888 (RNAV 5)						
▲ ALRAM (FIR BDRY) 374230N-0443736E						- ALRAM-SIV segment unidirectional westbound - Not available for traffic ARR/Overfly LB/UK/UR/UG/UD
△ ULKEM 380638N-0432153E	287	64.6	FL660 FL285		↓	
△ BAYIR 383541N-0412414E	283	97.0				
△ ETESU 390817N-0392116E	284	101.4				
▲ SIVAS VOR (SIV) 394722N-0365336E	283	120.8		↓		
▲ SOPOV 401201N-0364757E	344 165	25.0				
△ ERVAK 403043N-0364337E		19.0				
▲ ALMUS 404627N-0363956E		16.0				
▲ CARSAMBA VOR (CRM) 411556N-0363256E		30.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY213 (RNAV 5)						
△ OLDOK 401452N-0265302E						- Unidirectional eastbound
△ ASNUT 401342N-0270029E	096	5.8	FL660 FL285			
▲ INBET 401111N-0271630E		12.5				
▲ VUTZO 401157N-0273043E	081	10.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY217 (RNAV 5)						
▲ SUVUP 400943N-0264831E	- Unidirectional eastbound					
▲ INBET 401111N-0271630E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY226 (RNAV 5)						
▲ IVGUS 403408N-0273440E	205	19.6	FL660 FL285		↓	- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY227 (RNAV 5)						
▲ IVGUS 403408N-0273440E	195	37.2	<u>FL660</u> FL285		↓	- Unidirectional westbound
▲ RAUMA 395902N-0271833E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY228 (RNAV 5)						
▲ IVGUS 403408N-0273440E	159	10.0	<u>FL660</u> FL285	↓		- Unidirectional eastbound
▲ NILRU 402429N-0273815E		34.1				
▲ ALEDA 395139N-0275022E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY229 (RNAV 5) (1)						
▲ IVGUS 403408N-0273440E	150	46.3	FL660 FL285	↓		- Unidirectional eastbound
▲ YAYLA 395156N-0275943E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY255 (RNAV 5)						
▲ MARMA 403138N-0273856E						- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E	218	19.5	FL660 FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY371 (RNAV 5)						
△ DUGLA 392956N-0271328E	012 192	14.2	FL660 FL285	↑		
△ ECZIM 394329N-0271859E		12.6				
△ KUZEP 395529N-0272355E		17.3				
▲ VUTZO 401157N-0273043E		20.6				
△ MARMA 403138N-0273856E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UY372 (RNAV 5)								
△ MARMA 403138N-0273856E	179 359			↓				
△ NILRU 402429N-0273815E							7.2	FL660 FL285
△ NEVGI 395007N-0273503E							34.4	
△ LASON 382305N-0272710E							87.2	
△ OKESA 373745N-0272311E				45.4	↑			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY520 (RNAV 5)						
▲ AFGAR 412701N-0274825E					- Unidirectional westbound	
▲ VADEN (FIR BDRY) 420356N-0271258E	319	45.4	FL660 FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UZ713 (RNAV 5)						
▲ PIROX (FIR BDRY) 362900N-0280300E						- For PIROX: REF ENR 2.1-1 İstanbul FIR remarks column note (3).
△ MARIS 365356N-0281658E	201	27.4	FL660 FL285	↑		- MARIS-PIROX segment is unidirectional eastbound
△ BATUK 371500N-0280848E	339 159	22.1			↓	- DUGLA-INBET segment is unidirectional eastbound
△ ULKAN 371809N-0280733E		3.3				
△ KUMAN 380154N-0274958E		46.0		↑		
▲ DUGLA		92.6		↓		
▲ BIMDU 395903N-0271131E	352	29.1				
▲ INBET 401111N-0271630E	012	12.7		↓		