

ENR 3.3 AREA NAVIGATION (RNAV) ROUTES

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
L124 RNAV5 ▲ BONAM 380300N 0441800E △ TUDNU 375301N 0444447E ▲ OTENA 373133N 0454134E △ GETOB 371227N 0465129E ▲ AMBEX 370356N 0472143E ▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E △ TULGU 362836N 0484235E ▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E △ EGVEL 344258N 0503005E △ PEKAM 332904N 0510118E ▲ SIVUD 330119N 0520009E ▲ PARUG 324704N 0522947E ▲ RANDU 323240N 0525917E ▲ YAZD VOR/DME (YZD) 315351.6N 0541657.7E Cont.						
	110° 290°	UNL FL290	10	↓	Ankara FIR Tehran FIR Tehran Radar FREQ: 132.500 MHZ	
	23.4 NM					
	110° 291°					
	49.8 NM					
	103° 284°					
	58.8 NM					
	104° 285°					
	25.6 NM					
	104° 285°					
	50.5 NM	Class A	20		→	Tehran Radar FREQ: 132.500 MHZ MOCA 11300 FT (ZAJ-SAV)
	132° 312°					
	25.0 NM					
	132° 314°					
	119.2 NM					
	156° 336°					
	19.2 NM					
	157° 337°					
	78.3 NM					
	116° 297°					
	56.5 NM					
	117° 297°					
	28.7 NM					
	117° 297°					
28.7 NM						
116° 297°						
76.4 NM						
121° 301°						
30.0 NM	Class A, D	10	↑	MOCA 11000 FT (RANDU -YZD) Tehran Control FREQ: 123.900 MHZ		
				MOCA 11300 FT (YZD-BOMUN)		
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.						

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				Odd	Even		
1	2	3	4	5		6	
△ BOMUN 313648N 0544555E △ UKVEV 310557N 0553718E △ ALMOB 303434N 0562824E ▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E ▲ PEKES 285929N 0595221E ▲ SODOK 281113N 0613652E ▲ KEBUD 273552N 0625024E							
	<u>122</u> ° 302°	<u>UNL</u> FL160	10	↓		MOCA 11100 FT (BOMUN-UKVEV)	
	53.7 NM	Class A, D				MOCA 12500 FT (UKVEV-ALMOB)	
	<u>122</u> ° 303°	<u>UNL</u> FL180				MOCA 11600 FT (ALMOB-KER)	
	54.0 NM						
	<u>123</u> ° 303°	Class A, D					
	30.0 NM	<u>UNL</u> FL270				MOCA 15900 FT (KER-PEKES)	
	<u>113</u> ° 295°						
	171.6 NM		Class A				MOCA 14300 FT (PEKES-KEBUD)
	<u>115</u> ° 296°						
103.7 NM							
<u>116</u> ° 297°							
74.0 NM	↑				Tehran FIR Karachi FIR		
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Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
L125 RNAV5						
▲ DULAV 385700N 0453800E	145° 326°	UNL FL200	10	↓		Baku FIR Tehran FIR Tehran Radar FREQ: 132.500 MHZ
△ RABDI 384804N 0454431E	10.3 NM 146° 326°	Class A, D				
▲ SIBVU 384444N 0454657E	3.8 NM 119° 300°					
▲ BUDED 375313N 0472032E	89.9 NM 118° 299°	UNL FL250 Class A				
▲ MURPU 373043N 0480319E	40.7 NM 125° 305°					
▲ ASPOK 365918N 0484948E	48.6 NM 125° 306°	UNL FL260 Class A				
△ PAROT 361128N 0495841E	73.2 NM 124° 304°	UNL FL130				
▲ GOLNU 355711N 0502052E	22.9 NM 124° 304°	Class A, C				
▲ VEBER 354209N 0504400E	24.0 NM 124° 304°	UNL FL210				Tehran Radar FREQ: 125.700 MHZ
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	27.9 NM 113° 294°	Class A				Tehran Radar FREQ: 120.700 MHZ
▲ ELEDI 350136N 0520356E	49.3 NM 114° 294°					
△ RADAL 345423N 0522023E	15.3 NM 133° 314°	UNL FL130				
▲ ROVAD 333131N 0535240E	112.7 NM 120° 301°	Class A, D				Tehran Control FREQ: 123.900 MHZ
Cont.	67.2 NM				↑	

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				Odd	Even	
1	2	3	4	5		6
▲ NODLA 325330N 0545850E	120° 300°	UNL FL110 Class A. D	10	↓		Tehran Control FREQ: 123.900 MHZ MOCA 8900 FT (NODLA- DAR)
▲ SOGOT 324008N 0552339E	24.8 NM 119° 300°					
▲ NIVRA 315905N 0563810E	75.2 NM 120° 301°					
▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E	21.9 NM 120° 301°					MOCA 10200 FT (DAR- ZDN)
▲ BOPAG 304413N 0584929E	112.9 NM 122° 302°					
▲ TOVUS 300643N 0595235E	66.1 NM 122° 303°					
△ DAPAP 294630N 0602554E	35.3 NM 123° 303°					
▣ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	30.0 NM 135° 315°					
△ BOBSEL 290706N 0611717E	30.0 NM 136° 317°					Unidirectional eastbound from ZDN to KEBUD MOCA 9400 FT (ZDN- KEBUD)
▲ KEBUD 273552N 0625024E	122.6 NM					
						Tehran FIR Karachi FIR
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				Odd	Even	
1	2	3	4	5		6
→ L223 RNAV1						
▲ DASIS 385435N 0441230E	146° 327°	UNL FL300 Class A	10	↓	↑	Ankara FIR Tehran FIR Tehran Radar FREQ: 132.500 MHZ
▢ UROMIYEH DVOR/DME (UMH) 374114.0N 0450503.7E	84.3 NM 138° 319°					Unidirectional westbound from UHM to DASIS
△ KAPES 372520N 0452004E	20.0 NM 138° 319°					
△ REXAN 355850N 0463935E	107.5 NM 141° 322°					Tehran Radar FREQ: 125.700 MHZ
▲ TAVNI 353807N 0465631E	24.9 NM 143° 324°					
▲ TUKLO 351014N 0471751E	32.9 NM 143° 324°					
▲ UKSIS 332159N 0484002E	127.8 NM 142° 322°					Tehran Radar FREQ: 126.900 MHZ MOCA 12100 FT (UKSIS-ALTAX)
▲ ALTAX 323014N 0492142E	62.5 NM 142° 322°					MOCA 14200 FT (ALTAX-RADOV)
▲ RADOV 315136N 0495212E	46.4 NM 142° 323°					MOCA 13800 FT (RADOV-KIXOB)
▲ KIXOB 310917N 0502459E	50.7 NM 143° 324°					
▲ EGSIR 294615N 0512735E	99.0 NM 144° 324°					
▲ RUBAK 292617N 0514218E	23.7 NM 144° 324°					
▲ TOTNO 291052N 0515336E	18.3 NM 144° 324°					
<i>Cont.</i>	20.0 NM				↑	

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				Odd	Even	
1	2	3	4	5		6
▲ DASDO 285401N 0520551E ▲ LAGSA 283306N 0522056E ▲ LAMERD VOR/DME (LAM) 272222.2N 0531102.3E ▲ KISH ISLAND VOR/DME (KIS) 263130.6N 0535744.7E ▲ SIRRI ISLAND DVOR/DME (SIR) 255452.5N 0543206.3E						
	145° 325°	UNL FL200 Class A, D	10	↓		Tehran Radar FREQ: 133.400 MHZ
	24.7 NM					
	145° 326°					MOCA 6600 FT (LAM-SIR)
	83.4 NM					
	138° 319°					
	65.7 NM					
	138° 318°					
	48.0 NM					
					↑	Tehran FIR Emirates FIR/UIR

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				Odd	Even	
1	2	3	4	5		6
L319 RNAV5 ▲ OBTAR 265934N 0510309E ▲ DASDO 285401N 0520551E △ IMGOD 301419N 0513050E △ RADID 302444N 0512613E ▲ NOTSA 331745N 0490315E ▲ KEBEP 350454N 0474014E ▲ PAREX 360527N 0465154E → △ SIVOR 363029N 0463123E △ ROVON 371601N 0455322E ▲ OTENA 373133N 0454134E △ TUDNU 375301N 0444447E ▲ BONAM 380300N 0441800E						
			10	↓		Bahrain FIR/UIR
	023° 203°	UNL FL130 Class A, D, C				Tehran FIR Tehran Radar FREQ: 133.400 MHZ Unidirectional eastbound from OBTAR to DASDO
	127.2 NM				↓	Tehran Radar FREQ: 126.900 MHZ RNAV1 from DASDO to BONAM
	336° 156°	UNL FL280 Class A				
	85.7 NM					
	336° 156°					
	11.2 NM					
	322° 140°	UNL FL300 Class A				
	211.2 NM					
	323° 143°					Tehran Radar FREQ: 125.700 MHZ
	127.2 NM					
	323° 142°					
	72.7 NM				→	MOCA 10700 FT (PAREX- SIVOR)
	321° 141°					
	30 NM		UNL FL160 Class A,D			
	321° 140°				→	Tehran Radar FREQ: 132.500 MHZ MOCA 9900 FT (SIVOR- ROVON)
54.8 NM						
324° 144°	UNL FL300 Class A					
18.1 NM						
291° 110°	UNL FL290					
49.8 NM		Class A				
290° 110°						
23.4 NM				↑	Tehran FIR Ankara FIR	

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				Odd	Even	
1	2	3	4	5		6
L333 RNAV5 ▲ SOKAM 331316N 0603754E △ ASVIS 334633N 0591828E ▲ ALPEX 340919N 0582221E ▲ TASLU 342531N 0574131E ▲ ALROT 351116N 0554136E ▲ GIBAB 353213N 0543656E △ MIRUR 354221N 0541139E △ LABET 360950N 0530127E ▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E △ ALKUP 364702N 0510409E ▲ RAMSAR NDB/DME (RSR) 365412.5N 0504049.6E △ EGMAN 370311N 0501827E Cont.						
	294° 112°	UNL FL290 				

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				Odd	Even		
1	2	3	4	5		6	
△ KOBUB 370621N 0501031E ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E △ RALGO 372840N 0490112E ▲ BUDED 375313N 0472032E △ RAKED 375621N 0470712E ▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461245.7E ▲ VUVAG 382529N 0452926E △ BORES 382829N 0452137E ▲ DASIS 385435N 0441230E							
	292° 112°	UNL FL290 Class A	10	↓	Tehran Radar FREQ: 132.500 MHZ MOCA 9000 FT (KOBUB-RST)		
	30.0 NM 283° 102°		20		MOCA 13000 FT (RST-DASIS)		
	30.0 NM 282° 101°						
	83.6 NM 281° 101°						
	11.0 NM 281° 101°						
	45.0 NM 291° 110°				UNL FL240 Class A		
	37.9 NM 291° 110°						
	6.8 NM 291° 110°						
	60.0 NM						

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				Odd	Even	
1	2	3	4	5		6
L430 RNAV5 ▲ MESPO 244817N 0595040E ▲ PEDEX 251211N 0592131E ▲ NOVSU 263407N 0573849E △ MELMI 264625N 0572300E ▲ VELAP 272556N 0565950E △ TAVNO 281112N 0563253E △ ASMET 284758N 0561019E ▲ SIRJAN VOR/DME (SRJ) 293322.5N 0553937.0E						
	312° 133°	UNL FL270	10	↓	Tehran FIR Tehran Radar FREQ:120.300 MHZ MOCA 8600 FT (MESPO-MELMI)	
	35.6 NM					
	311° 129°					
	123.5 NM					
	309° 129°					
	18.7 NM					
	331° 150°					
	44.6 NM					
	331° 150°					
	51.1 NM					
	329° 149°	Class A				
	41.7 NM					
	327° 147°					
	52.7 NM					

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Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
L570 RNAV5 ▲ ROTOX 283323N 0494809E △ VELUT 291001N 0495341E ▲ AGHAJARI DVOR/DME (AJR) 304441.1N 0494049.3E ▲ IMKEN 314407N 0493611E ▲ ALTAX 323014N 0492142E ▲ NOTSA 331745N 0490315E						Unidirectional westbound airway
	005° 184°	<u>UNL</u> FL260	10		↓	Bahrain FIR/UIR
	37.0NM	Class A				Tehran FIR Tehran Radar FREQ: 126.900 MHZ
	<u>351°</u> 170°	<u>UNL</u> FL280 Class A				Traffic routing from ROTOX to VELUT shall be assigned even flight levels.
	95.3NM					
	<u>353°</u> 172°	Class A				
	59.6NM	<u>UNL</u> FL300 Class A				
	<u>341°</u> 161°					
	47.7NM					
	<u>338°</u> 158°	Class A				
	49.9NM					

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				Odd	Even	
1	2	3	4	5		6
L713 RNAV5 ▲ DASHT E NAZ DVOR/DME (DNZ) 363853.6N 0531120.1E ▲ IMDUX 361511N 0534211E ▲ GIBAB 353213N 0543656E ▲ PAXER 345612N 0551237E ▲ EMITI 335811N 0560845E ▲ RIBEN 332902N 0563620E ▲ OTISO 331451N 0564936E ▲ EGPOD 324901N 0571545E ▲ NADSA 321438N 0575002E ▲ TOVUS 300643N 0595235E △ ITBIR 293628N 0602030E ▲ ULOVI 291948N 0603429E △ PEGOS 285915N 0605140E ▲ SODOK 281113N 0613652E ▲ KEBUD 273552N 0625024E						
	129° 309°	UNL FL140	10	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 10900 FT (DNZ-IMDUX)
	34.4NM	Class A, D				MOCA 11100 FT (IMDUX-GIBAB)
	129° 310°					MOCA 9500 FT (GIBAB-PAXER)
	61.8NM					MOCA 4600 FT (PAXER-EMITI)
	136° 317°					
	46.3 NM	UNL FL300 Class A				
	137° 318°					
	74.2 NM					
	138° 318°					
	37.1 NM					Tehran Control FREQ: 123.900 MHZ
	138° 318°					
	18.0NM					
	136° 316°					
	33.9NM					
	136° 317°					
	44.9NM					
	137° 319°					
	165.4NM					
	139° 319°					
	38.8NM	UNL FL310				
	141° 322°					
	20.6NM	Class A				
	141° 322°					
	25.4NM	UNL FL300				
	138° 319°					
	62.3NM					
	116° 297°	Class A				
	74.0NM					Tehran FIR Karachi FIR
					↑	

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				Odd	Even	
1	2	3	4	5		6
→ ▲ L717 RNAV 5 ▲ RANRU 300115N 0610048E △ LUDAX 295658N 0604101E ▲ PEKES 285929N 0595221E						
	254° 073°	UNL FL 260 Class A	10		↓	Kabul FIR Tehran FIR Tehran Control FREQ: 123.900 MHZ
	17.7 NM					
	214° 034°					
	71.4 NM			↑		

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				Odd	Even	
1	2	3	4	5		6
L721 RNAV5						
▲ LAVAN ISLAND DVOR/DME (LVA) 264843.4N 0532121.1E	215° 035°	UNL FL180 CLASS A,D	10		↓	Tehran Radar FREQ: 133.400 MHZ
△ EGMIT 263340N 0530825E	19.0 NM					
	236° 056°					
△ IMLUV 262936N 0530101E	7.8 NM					
	236° 056°					
▲ ELIDU 262424N 0525133E	10.0 NM			↑		Tehran FIR
						Bahrain FIR/UIR

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				Odd	Even	
1	2	3	4	5		6
L852 RNAV5 ▢ UROMIYEH DVOR/DME(UMH) 374114.0N 0450503.7E ▲ TESVA 381709N 0442947E						
	317° 137°	UNL FL160	10		↓	Tehran Radar FREQ: 132.500 MHZ Below FL 290 available only for OITR departure and arrival.
	45.4NM	Class A, D		↑		Tehran FIR
						Ankara FIR

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				Odd	Even	
1	2	3	4	5		6
M316 RNAV5						
▲ GOKSO 265542N 0604012E	237° 056°	<u>UNL</u> FL210 Class A	20		↓	Tehran Radar FREQ: 120.300 MHZ MOCA 8500 FT (GOKSO-KATUS)
△ SOLUV 264157N 0601533E	25.9 NM 236° 056°					
▲ NAGES 262451N 0594514E	32.1 NM 236° 056°					
▲ SEVDA 260217N 0590549E	42.0 NM 236° 056°					
▲ KATUS 251600N 0574700E	84.8 NM 271° 091°	<u>UNL</u> FL130		↑		Tehran FIR Muscat FIR
→ ▲ IMLOT 251713N 0570800E	35.3 NM	Class A,D				

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				Odd	Even	
1	2	3	4	5		6
M317 RNAV1 ▲ GABKO 260404N 0554755E ▲ RADEB 261140N 0554719E ▲ NANPA 262301N 0553136E ▲ ORPEN 263119N 0552008E ▲ SERDU 264715N 0545757E ▲ ROTAL 273241N 0535320E △ VEKUP 275419N 0532853E △ KUPTO 282418N 0525432E △ ITSIM 294018N 0515708E △ IMGOD 301419N 0513050E △ RADID 302444N 0512613E ▲ NOTSA 331745N 0490315E ▲ KEBEP 350454N 0474014E ▲ PAREX 360527N 0465154E Cont.						
	354° 174°	UNL FL80	10		↓	Emirates FIR/UIR Tehran FIR Tehran Radar FREQ: 120.300MHZ Unidirectional westbound from GABKO to ROTAL
	7.6NM	Class A, D				Tehran Radar FREQ: 133.400 MHZ
	307° 127°	UNL FL200				
	18.1NM					
	307° 127°					
	13.2 NM					
	307° 126°					
	25.4 NM		Class A, D			
	306° 125°					
	73.3 NM					
	312° 132°	UNL FL280			↓	← MOCA 7100 FT (ROTAL-VEKUP)
		Class A				
	30.6 NM					MOCA 8000 FT (VEKUP-KUPTO)
	312° 132°					
	42.6 NM					
	324° 143°	UNL FL300				MOCA 12200 FT (KUPTO-ITSIM)
		Class A				
	91 NM					
	323° 143°					MOCA 12000 FT (ITSIM-IMGOD)
	41 NM					
	336° 156°	UNL FL280				Tehran Radar FREQ: 126.900 MHZ
		Class A				
11.2NM						
322° 140°	UNL FL300					
211.2 NM						
323° 143°				Tehran Radar FREQ: 125.700 MHZ		
127.2 NM						
323° 142°						
72.2 NM		Class A				
321° 141°				Tehran Radar FREQ: 132.500 MHZ MOCA 10700 FT (PAREX-SIVOR)		
	30 NM			↑		

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				Odd	Even	
1	2	3	4	5		6
▲ SIVOR 363029N 0463123E						
▲ ROVON 371601N 0455322E	321° 140° 54.8 NM	UNL FL160 Class A, D	10		↓	MOCA 9900 FT (SIVOR-ROVON)
▲ OTENA 373133N 0454134E	324° 144° 18.1 NM	UNL FL300 Class A				Tehran Radar FREQ: 132.500 MHZ
▲ RABEM 374841N 0452949E	326° 146° 19.5 NM					→ AWY M317 between RABEM and DASIS defined as tactical route (conditional route) which maybe used on pilot request and controller approval, based on traffic situation. This AWY shall not be used in filed flight plan.
▲ KHOY VOR/DME (KHY) 382601.4N 0445758.9E	322° 142° 45.0 NM					
▲ DASIS 385435N 0441230E	303° 123° 45.6 NM					
				↑		Tehran FIR
						Ankara FIR
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				Odd	Even		
1	2	3	4	5		6	
M318 RNAV5 ▲ GABKO 260404N 0554755E ▲ RADEB 261140N 0554719E ▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E △ ASMUK 280952N 0560453E △ ASMET 284758N 0561019E △ GETIS 301145N 0562226E ▲ MIRER 305943N 0562926E ▲ PARID 313041N 0563358E ▲ NIVRA 315905N 0563810E ▲ IMSOG 325636N 0564649E ▲ OTISO 331451N 0564936E ▲ TABAS VOR/DME (TBS) 334021.2N 0565330.9E ▲ DAPIN 342034N 0570413E ▲ IMKUK 345602N 0571346E Cont.				←			
						Emirates FIR/UIR	
	354° 174°	UNL FL80 Class A, D	10	↓	→	Tehran FIR Tehran Radar FREQ: 120.300 MHZ Unidirectional eastbound from GABKO to TBS	
	7.6 NM					RNAV1 from GABKO to KHM Traffic routing from GABKO to RADEB shall be assigned odd flight levels.	
	009° 189°						
	34.7 NM						
	004° 184°	UNL FL150 Class A, C, D					
	84.6 NM						
	005° 185°	UNL FL150					
	38.3 NM	Class A, D				MOCA 14500 FT (ASMET-GETIS)	
	004° 184°	UNL FL280					
	84.2NM	Class A					
	004° 184°	UNL FL280 Class A				Tehran Control FREQ: 123.900 MHZ MOCA 12500 FT (GETIS - MIRER)	
	48.2 NM						
	004° 184°						
	31.2 NM						
	004° 184°						
	28.6 NM						
	004° 184°						
	58.0 NM						
	004° 184°						
	18.4 NM						
	004° 184°						
	25.7 NM						
	009° 189°	UNL FL130		↓		Tehran Radar FREQ: 120.700 MHZ	
	41.2 NM	Class A, D			↑		
	009° 189°			↓	→	MOCA 8900 FT (DAPIN-IMKUK) Unidirectional eastbound from DAPIN to RIKOP	
	36.3 NM						MOCA 8400 FT (IMKUK-RABAM)
	009° 188°	UNL FL160 Class A, D					
60.0 NM							

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
← △ RABAM 355442N 0572955E ▲ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E △ BONEM 363826N 0574647E ▲ SILPO 370806N 0580006E ▲ RIKOP 374026N 0581450E						
	008° 188°	UNL FL160	10	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 11100 FT (RABAM-SBZ)
	15.9 NM	Class A, D				
	015° 195°	UNL FL160 Class A, D				
	30.0 NM					
	016° 196°					
	31.5 NM					
	016° 196°					
	34.4 NM					Tehran FIR Ashgabat FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
M324 RNAV5						Unidirectional westbound airway
▲ RIKOP 374026N 0581450E	179° 000°	<u>UNL</u> FL160	10		↓	Ashgabat FIR
▲ VUSUL 361407N 0580726E	86.4 NM 180° 000°					Tehran FIR Tehran Radar FREQ: 120.700 MHZ MOCA 11600 FT (RIKOP-VUSUL)
▲ LOXED 355854N 0580609E	15.2 NM 188° 008°	Class A, D				MOCA 8300 FT (VUSUL-LOXED)
▲ ASRUX 350708N 0575223E	52.9 NM 188° 008°					MOCA 9000 FT (LOXED-ASRUX)
▲ TASLU 342531N 0574131E	42.5 NM 189° 009°	<u>UNL</u> FL280 Class A				MOCA 6700 FT (ASRUX-TASLU)
△ MIXIL 333034N 0572643E	56.3 NM 189° 009°					Tehran Control FREQ: 123.900 MHZ
▲ ROXEK 331123N 0572138E	19.7 NM 189° 009°					
▲ EGPOD 324901N 0571545E	22.9 NM 189° 009°					
▲ DARBAND VOR/DME (DAR) 314659.4N 0565940.4E	63.5 NM 180° 001°	<u>UNL</u> FL160 Class A, D				
▲ PURBO 311346N 0565832E	33.2 NM 179° 359°					MOCA 13200 FT (PURBO-ALGUV)
△ ALGUV 304702N 0565734E	26.7 NM 179° 359°					MOCA 13700 FT (ALGUV-KER)
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	30.0 NM 187° 007°					Tehran Radar FREQ: 120.300 MHZ MOCA 11300 FT (KER-ALMEK)
△ ALMEK 294718N 0565052E	30.0 NM 187° 007°	Class A, D				MOCA 16400 FT (ALMEK-NANTO)
<i>Cont.</i>	66.4 NM					

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
▲ NANTO 284140N 0563831E △ TAVNO 281112N 0563253E ▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E ▲ MOBET 264406N 0560908E ▲ PATAT 261613N 0560059E						
	187° 007° →	<u>UNL</u> FL170 Class A, D				
	30.9 NM →					
	187° 007°	<u>UNL</u> FL160 Class A, C	10		↓	Tehran Radar FREQ: 120.300 MHZ
	60 NM					
	201° 021°	<u>UNL</u> FL50 Class A, C, D				
	30 NM					
	193° 013°	<u>UNL</u> FL80 Class A, D				RNAV1 from MOBET to PATAT
	28.8 NM					Tehran FIR
						Emirates FIR/UIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
→ M434 RNAV 5						
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	261° 080°	UNL FL 140 Class A, D	20	↓		Tehran Radar FREQ: 125.700 MHZ MOCA 11300 FT (SAV-HAM)
△ ORLOG 345512N 0490915E	60.3 NM 259° 079°					
▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E	30.0 NM 282° 102°					MOCA 12900 FT (HAM-SNJ)
▲ KEBEP 350454N 0474014E	45.1 NM 282° 102°					
△ LOVID 350740N 0472841E	9.8 NM 282° 102°					
▲ TUKLO 351014N 0471751E	9.2 NM 282° 101°					
▲ SANANDAJ VOR/DME (SNJ) 351419.7N 0470029.2E	14.8 NM 270° 090°	UNL FL 150 Class A, D				MOCA 12000 FT (SNJ-BOXIX)
▲ NOLTO 351435N 0465623E	3.5 NM 270° 089°					
△ ASLAX 351607N 0463118E	20.5 NM 270° 090°					
▲ BOXIX 351724N 0460924E	17.9 NM					
				↑		Tehran FIR Baghdad FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
M555 RNAV 5 ▲ ALRAM 374230N 0443736E △ KAPES 372520N 0452004E						
	111° 292°	UNL FL 200 Class A,D	10	↓		Ankara FIR Tehran FIR Tehran Radar FREQ: 132.500 MHZ
	37.8NM				↑	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
M561 RNAV5 ▲ RAGAS 263537N 0521337E △ EGMIT 263340N 0530825E ▲ KISH ISLAND VOR/DME(KIS) 263130.6N 0535744.7E △ MIVUN 263151N 0541953E △ DENSA 263158N 0542920E ▲ BANDAR LENGEH VOR/DME(LEN) 263210.1N 0545104.2E ▲ BOSOS 264325N 0554311E ▲ GHESHM ISLAND NDB/DME(KHM) 264547.1 0555427.6E ▲ PAVON 270206N 0561149E △ RUKOT 265324N 0580339E ▲ LADPA 265331N 0592514E ▲ GOKSO 265542N 0604012E ▲ ASVIB 265724N 0631812E						
	089° 270°	UNL FL100 Class A,D	10	↓	Tehran Radar FREQ: 133.400MHZ Unidirectional eastbound from RAGAS to KIS	
	49.1 NM					
	090° 271°					
	44.1 NM	UNL FL50 Class A,D		↓		
	088° 268°					
	20 NM					
	088° 268°					
	8.5 NM					
	088° 268°					
	19.5 NM	UNL FL50		↑		
	075° 255°					
	48 NM	↓				
	075° 255°					
	10.3 NM					Class A,D
	041° 222°					
	22.5 NM		UNL FL260			
	093° 274°					
	100.1 NM		Class A			
	088° 269°					
72.8 NM	UNL FL200					
086° 267°						
66.9 NM						
089° 270°						
140.9 NM	Class A, D				Tehran Control FREQ: 123.900 MHZ	
					Tehran FIR	
					Karachi FIR	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
M573 RNAV5 ▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E ▲ DAMOS 372619N 0474521E ▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E → ▲ VUVAG 382529N 0452926E → △ BORES 382829N 0452137E → ▲ DASIS 385435N 0441230E						
	298° 115°	UNL FL290 Class A	10		↓	Tehran Radar FREQ: 132.500 MHZ
	200.3 NM					
	296° 115°					
	84.7 NM	UNL FL240 Class A	20			
	291° 110°					
	37.9 NM					
	291° 110°					
	6.8 NM					
	291° 110°					
	60.0 NM					
				↑		Tehran FIR Ankara FIR
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.						

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
→ M701 RNAV1 ▲ LUMOM 371612N 0444924E △ PAVOD 370204N 0451834E △ ENEDA 355211N 0462718E ▲ NOLTO 351435N 0465623E ▲ KHORAM ABAD DVOR/DME(KRD) 332603.1N 0481730.7E ▲ DAPEM 325126N 0484159E ▲ NAGRO 321015N 0491549E ▲ IMKEN 314407N 0493611E ▲ MESVI 311057N 0500006E △ BOTAS 295241N 0505515E △ IVERA 292303N 0511540E △ DEPSU 283409N 0515047E ▲ DURSI 271219N 0520144E ▲ KAVAM 265737N 0515818E ▲ MIDS 264142N 0515442E					Unidirectional eastbound airway	
						Ankara FIR
		116° 296°	UNL FL300	10	↓	Tehran FIR Tehran Radar FREQ: 132.500 MHZ
		27.2 NM 136° 317°				
		89.1 NM 143° 323°				Tehran Radar FREQ: 125.700 MHZ
		44.4 NM 143° 324°				
		127.5 NM 145° 325°				Tehran Radar FREQ: 126.900 MHZ
		40.2 NM 141° 322°				
		50.1 NM 143° 323°				
		31.3 NM 144° 325°				
		38.9 NM 145° 326°				
		91.6 NM 146° 326°				
		34.6 NM 145° 325°				
		57.8 NM 170° 351°	UNL FL180 Class A, D			Tehran Radar FREQ: 133.400 MHZ
		82.2 NM 189° 009°	UNL FL130 Class A, D			
		15.0 NM 189° 009°				
		16.2 NM		Tehran FIR		
				Bahrain FIR/UIR		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
M710 RNAV 5 ▲ DASIS 385435N 0441230E △ REXUS 385624N 0451332E ▲ DULAV 385700N 0453800E						Ankara FIR
	262° 081°	<u>UNL</u> FL200	10		↓	Tehran FIR Tehran Control FREQ: 132.500 MHZ MOCA 12800 FT (DASIS -REXUS)
	47.7 NM	Class A, D				MOCA 8700 FT (REXUS -DULAV)
	262° 082°	→ <u>UNL</u> FL 170				
	19.1 NM	→ Class A, D		↑		Baku FIR

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
→ M715 RNAV5						
▲ ASVIB 265724N 0631812E	297° 116°	UNL FL310	10		↓	Karachi FIR Tehran FIR Tehran Control FREQ: 123.900 MHZ
▲ SARAVAN NDB/DME(SRN) 272454.1N 0621931.5E	59 NM 305° 123°	Class A				
▲ PEKES 285929N 0595221E	160.5 NM 311° 130°					MOCA 12000 FT (PEKES-EGRES)
▲ SILKO 295558N 0584138E	83.6 NM 309° 129°	UNL FL270 Class A				
▲ EGRES 304855N 0573144E	80.3 NM 309° 128°				←	
▲ PURBO 311346N 0565832E	37.8 NM 306° 126°					
▲ PARID 313041N 0563358E	26.9 NM 306° 124°					
▲ DANEM 322854N 0550717E	93.8 NM 303° 122°	UNL FL150 Class A, D				
▲ MITET 325226N 0542850E	40.0 NM 302° 122°					
▲ PURKI 331140N 0535657E	32.9 NM 302° 122°					
▲ KAVEK 332249N 0533814E	19.2NM 315° 135°	UNL FL130 Class A, D				
▲ RERET 333336N 0532651E	14.4NM 315° 133°					Tehran Radar FREQ: 120.700 MHZ
△ OBRIX 344540N 0520840E	96.9 NM 292° 112°	UNL FL250 Class A				Tehran Radar FREQ: 125.700 MHZ
→ ▲ SOLIR 345648N 0514134E	24.9 NM 292° 112°				→	MOCA 8200 FT (OBRIX-SOLIR)
▲ OXADU 350837N 0511226E	26.7 NM 292° 111°	UNL FL300			→	MOCA 7000 FT (SOLIR-OXADU)
Cont.	7.7 NM	Class A		↑		

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <u>FREQ</u>
				Odd	Even	
1	2	3	4	5		6
▲ IMLIM 351200N 0510400E ▲ ELIPO 354046N 0502117E △ MIVAK 355915N 0495324E △ SUTBU 363324N 0484732E ▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	305° 125° 45.2 NM	<u>UNL</u> FL300 Class A	10	↓		Tehran Radar FREQ: 132.500 MHZ
	305° 124° 29.2 NM					
	299° 118°					
	63.2 NM					
	298° 118°	<u>UNL</u> FL130 Class A, D				
	25.0 NM					

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
M718 RNAV5 ▲ ULDUS 380000N 0510100E ▲ LABKA 364142N 0504342E △ GOPKA 361256N 0503724E ▲ DAVMI 355657N 0503401E ▲ SAVEH NDB/DME (SAV) 350106.8 0502216.9E						
						Baku FIR
	<u>185°</u> 006°	<u>UNL</u> FL200 Class A, D	10	↓	Tehran FIR Tehran Radar FREQ: 132.500 MHZ Traffic routing from ULDUS to SAV NDB/DME shall assign odd flight levels. MOCA 4000 FT (ULDUS- LABKA)	
	79.7 NM				MOCA 15900 FT (LABKA -DAVMI)	
	<u>186°</u> 006°					
	29.0 NM	<u>UNL</u> FL200 Class A, C				
	<u>186°</u> 006°					
	16.5 NM				MOCA 9200 FT (DAVMI-SAV) Traffic routing from SAV NDB/DME to ULDUS shall assign even flight levels	
	<u>185°</u> 005°					
56.6 NM			↑			

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
→ M719 RNAV 5 ▲ MESPO 244817N 0595040E ▲ NAGES 262452N 0594514E						
	356° 175°	<u>UNL</u> FL 240	10		↓	Muscat FIR Tehran FIR Tehran Radar FREQ: 120.300 MHZ
	96.7 NM	CLASS A, D		↑		
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.						

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
N39 RNAV5 ▲ ULDUS 380000N 0510100E ▲ ULEXI 374344N 0510631E ▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E △ DEMBA 355611N 0514511E ▲ ELEDI 350136N 0520356E △ OBRIX 344540N 0520840E						
	160° 340°	UNL FL100 Class A, D	10	↓		Tehran Radar FREQ:132.500 MHZ MOCA 6700 FT (ULDUS-NSH)
	16.8 NM					
	160° 340°					
	66.1 NM					
	157° 337°	UNL FL200 Class A, D				Tehran Radar FREQ: 120.700 MHZ
	45.7 NM				→	MOCA 16000 FT (NSH-DEMBA)
	159° 340°				→	MOCA 15000 FT (DEMBA-ELEDI)
	56.6 NM	UNL FL200 Class A, C				
	162° 342°					
	16.3 NM				↑	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
N72 RNAV 5						
▲ BATEV 381005N 0501419E	172° 352°	UNL FL160	10	↓		Baku FIR
▲ UMER0 375524N 0501514E	14.7NM					Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 3000 FT (BATEV-EMAVI)
▲ EMAVI 371650N 0501737E	38.6 NM					MOCA 5700 FT (EMAVI-EGMAN)
△ EGMAN 370311N 0501827E	13.6 NM					MOCA 14100 FT (EGMAN-PAXID)
△ PAXID 361703N 0502021E	46.1NM					MOCA 11300 FT (PAXID-GOLNU)
▲ GOLNU 355711N 0502052E	19.8NM	UNL FL160 Class A, C				MOCA 8600 FT (GOLNU-ELIPO)
▲ ELIPO 354046N 0502117E	16.4NM					Tehran Radar FREQ: 125.700 MHZ MOCA 8900 FT (ELIPO- PEDAR)
▲ SESBI 353154N 0502130E	8.9NM					MOCA 8000 FT (PEDAR-SAV)
▲ PEDAR 350826N 0502206E	23.4 NM					MOCA 7500 FT (SAV-EGVEL)
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	7.3 NM					
△ EGVEL 344258N 0503005E	19.2NM	UNL FL140 Class A, D		↑ ↓		
▲ UKITA 330657N 0500041E	99.1NM					Tehran Radar FREQ: 126.900 MHZ MOCA 15500FT (UKITA- IMKEN)
▲ IMKEN 314407N 0493611E	85.4NM					
▲ BANDAR MAHSHAHR DVOR/DME (MAH) 303322.9N 0490858.1E	74.5NM					→ MOCA 2500FT (MAH- UKNAR)
▲ UKNAR 295538N 0490450E	37.8NM					→ MOCA 2000FT (UKNAR- TULAX)
▲ TULAX 293853N 0490301E	16.8NM	Class A, D		↑		Tehran FIR Kuwait FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
N312 RNAV 5 ▲ ASVIB 265724N 0631812E ▲ GENEV 264247N 0603757E △ SOLUV 264157N 0601533E △ DUGLI 264014N 0593431E ▲ NOVSU 263407N 0573849E △ BONIK 264444N 0562651E ▲ MOBET 264406N 0560908E ▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E ▲ SERDU 264715N 0545757E ▲ ROSUM 264741N 0543637E ▲ LAVAN ISLAND DVOR/DME (LVA) 264843.4N 0532121.1E △ KAPIP 264322N 0521403E ▲ MIDSJ 264142N 0515442E					Unidirectional westbound airway	
	263° 082°	UNL FL280 Class A	10	↓	Karachi FIR	
	143.8NM				Tehran FIR Tehran Control FREQ: 123.900 MHZ	
	266° 086°				UNL FL100	Tehran Radar FREQ: 120.300 MHZ
	20.0NM					
	266° 085°					
	36.7NM					
	265° 084°					
	103.6NM					
	278° 097°					
	65.2NM					
	266° 086°					
	15.8NM					
	276° 096°					
	13.2NM					
	270° 089°					
	50.5NM					
	269° 089°					
	19.1 NM					
	269° 088°					
	67.2 NM					
	263° 082°					
	60.3 NM					
	262° 082°					
	17.4 NM					
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.						

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
N319 RNAV5						
▲ DERBO 292542N 0611701E	278° 097°	UNL FL280	10	↓		Karachi FIR
▢ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	20.3 NM 319° 138°					Tehran FIR Tehran Control FREQ: 123.900 MHZ
▲ KUVAV 313426N 0585747E	160.3 NM 318° 138°					MOCA 11600 FT (ZDN-TBS)
▲ IMPAT 322451N 0580856E	65.3 NM 316° 136°					
▲ ROXEK 331123N 0572138E	61.2 NM 318° 137°					
▲ TABAS VOR/DME (TBS) 334021.2N 0565330.9E	37.3 318° 136°					Tehran Radar FREQ: 120.700 MHZ MOCA 8800 FT (TBS-ITELO)
▲ ITELO 353534N 0550052E	147.9 NM 302° 121°					
▲ ODKAT 354650N 0544146E	19.2 NM 301° 120°					MOCA 12200 FT (ODKAT-DNZ)
▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E	89.8 NM 303° 123°					MOCA 2700 FT (DNZ-DASEL)
▲ DASEL 370636N 0522741E	44.6 NM 303° 122°					Tehran Radar FREQ: 132.500 MHZ MOCA 3000 FT (DASEL-ULDUS)
▲ RIGAN 373543N 0514052E	47.3 NM 303° 122°	Class A		→		
▲ ULDUS 380000N 0510100E	39.8 NM					Tehran FIR Baku FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
N440 RNAV5 ▲ MOBON 274414N 0552513E ▲ BOSOS 264325N 0554311E ▲ RADEB 261140N 0554719E ▲ GABKO 260404N 0554755E						Unidirectional westbound airway
	163° 344°	UNL FL220 Class A	10			Tehran Radar FREQ: 120.300 MHZ MOCA 9100 FT (MOBON-GABKO) RNAV1 from GABKO to RADEB Tehran FIR
	62.9 NM					
	171° 351°					
	32 NM					
	174° 354°	UNL FL80				
	7.6 NM	Class A,D			↑	Emirates FIR/UIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
 N567 RNAV 5  BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E  TASLU 342531N 0574131E  IMKUK 345602N 0571346E  MUSEG 354656N 0562631E  IBRAV 362041N 0555430E  LOVEN 363926N 0553355E  SOMAD 372645N 0543255E						
	316° 135°	<u>UNL</u> FL 290 Class A	16		↓	Tehran FIR Tehran Radar FREQ: 120.700 MHZ MOCA 9600 FT (BJD-TASLU)
	115.2 NM					MOCA 9300 FT (TASLU-MUSEG)
	319° 139°	<u>UNL</u> FL 280				
	38.1 NM					
	319° 138°					
	63.9 NM					
	318° 138°					MOCA 7400 FT (MUSEG-IBRAV)
	42.5 NM	Class A				
	314° 134°					MOCA 9800 FT (IBRAV-LOVEN)
	25.0 NM					
	310° 129°					MOCA 11700 FT (LOVEN-SOMAD)
	68.0 NM			↑		
						Turkmenbashi FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
N570 RNAV 1						
▲ IVIVA 245945N 0574958E	349° 169°	<u>UNL</u> FL280	10		↓	Muscat FIR Tehran FIR Tehran Radar FREQ: 120.300 MHZ
▲ KATUS 251600N 0574700E	16.5 NM 327° 147°					
▲ GIGAB 253708N 0573231E	24.9 NM 004° 184°					Traffic routing from GIGAB to NOVSU Only FL360 And FL400 Are Useable
▲ NOVSU 263407N 0573849E	57.3NM 278° 097°			↑		
△ BONIK 264444N 0562651E	65.2NM 266° 086°	<u>UNL</u> FL 100			↓ →	Unidirectional westbound from NOVSU to KHM
▲ MOBET 264406N 0560908E	15.8 NM 276° 096°					
▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E	13.2 NM 270° 089°				↓	Tehran Radar FREQ: 133.400 MHZ
▲ SERDU 264715N 0545757E	50.5 NM 269° 089°					
▲ ROSUM 264741N 0543637E	19.1 NM 269° 088°	Class A, D				
▲ LAVAN ISLAND DVOR/DME (LVA) 264843.4N 0532121.1E	67.2 NM 286° 105°					
▲ DURSI 271219N 0520144E	74.9 NM 189° 009°					
▲ KAVAM 265737N 0515818E	15.0 NM 189° 009°					
▲ MIDS 264142N 0515442E	16.2 NM			↑		Tehran FIR Bahrain FIR/UIR
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits						

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
N636 RNAV5 ▲ MAGRI 385408N 0462300E ▲ ARDABIL VOR/DME (ARB) 381856.5N 0482605.1E ▲ RIKIS 380230N 0494311E ▲ UMER0 375524N 0501514E ▲ ULEXI 374344N 0510631E ▲ RIGAN 373543N 0514052E ▲ GORGAN DVOR/DME (GGN) 365544.7N 0542233.3E ▲ LOVEN 363926N 0553355E ▲ ODKOL 363136N 0560702E ▣ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E ▲ LOXED 355854N 0580609E ▲ PAMTU 351006N 0610806E						
						Yerevan FIR
	104° 285°	UNL FL310 Class A	10	↓	Tehran FIR Tehran Radar FREQ: 132.500 MHZ	
	102.6 NM 099° 280°		→	MOCA 9800 FT (ARB-RIKIS)		
	63.0 NM 100° 280°		→	MOCA 3000 FT (RIKIS-UMERO)		
	26.3 NM 101° 281°					
	42.2 NM 101° 281°					
	28.3 NM 101° 283°			Tehran Radar FREQ: 120.700 MHZ		
	135.1 NM 101° 282°			MOCA 11700 FT (GORGAN-LOVEN)		
	59.6 NM 102° 282°			MOCA 10200 FT(LOVEN-SBZ)		
	27.8 NM 102° 283°					
	73.6 NM 109° 290°					
	28.2 NM 103° 285°					
	155.8 NM		↑	Tehran FIR Kabul FIR		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
N700 RNAV5 ▲ ULDUN 262429N 0560924E ▲ KAVEG 261608N 0552434E ▲ MENDI 254955N 0550522E ▲ DAPER 254522N 0545731E						
	256° 076°	UNL FL280	10		↓	Muscat FIR Tehran FIR Tehran Radar FREQ: 120.300 MHZ
	41.0 NM 211° 031°					Tehran Radar FREQ: 133.400 MHZ
	31.4 NM 235° 055°					
	8.4 NM	Class A		↑		Tehran FIR Emirates FIR/UIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
N717 RNAV 5						
▲ DASUT 261832N 0531108E	086° 266°	UNL FL130	10	↓		Bahrain FIR/UIR Tehran FIR Tehran Radar FREQ: 133.400 MHZ
→ ▲ LEVNA 261901N 0533312E	19.8 NM 086° 266°	Class A, D				MOCA 3000 FT (DASUT-MIRIT)
▲ VEKEL 261929N 0535738E	22.0 NM 087° 267°					
→ △ UKVUP 261940N 0540855E	10.1 NM 087° 267°					
▲ MIRIT 262013N 0545411E	40.7 NM 062° 242°					
▲ ORPEN 263119N 0552008E	25.8 NM 062° 243°	UNL FL200 Class A, D				Tehran Radar FREQ: 120.300 MHZ
▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E	33.9 NM 146° 326°	UNL FL280				
▲ ULDUN 262429N 0560924E	25.1NM	Class A				
					↑	Tehran FIR Muscat FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
P146 RNAV5 ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E ▲ GODNA 382033N 0465457E ▲ MURID 382744N 0463525E ▲ SIBVU 384444N 0454657E ▲ REXUS 385624N 0451332E ▲ AGINA 391924N 0440512E						
	292° 110°	UNL FL290	10		↓	Tehran Radar FREQ: 132.500 MHZ MOCA 13400 FT (RST-AGINA)
	141.7 NM	Class A				
	290° 109°	→ UNL FL180				
	16.9 NM					
	289° 108°	→ Class A, D				
	41.6 NM					
	289° 108°					
	28.5 NM					
	288° 107°					
	57.9 NM			↑		Tehran FIR Ankara FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
P302 RNAV5 ▲ MIDS 264142N 0515442E ▲ DASDO 285401N 0520551E						Bahrain FIR/UIR
	002° 182°	<u>UNL</u> FL130	10	↓		Tehran FIR Tehran Radar FREQ: 133.400 MHZ MOCA 7900 FT (MIDS-DASDO)
	132.7 NM	Class A, C, D			→ ↑	AWY P302 defined as tactical route (conditional route) which maybe used on pilot request and controller approval, based on traffic situation. This AWY shall not be used in filed flight plan.

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ	
				Odd	Even		
1	2	3	4	5		6	
P550 RNAV5 ▲ RAGAS 263537N 0521337E △ KAPIP 264322N 0521403E ▲ PEGET 270434N 0521515E ▲ MIXEM 271520N 0521556E ▲ LAGSA 283306N 0522056E ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E ▲ REXEB 295208N 0520923E ▲ YASOUJ DVOR/DME (YSJ) 304136.0N 0513324.1E ▲ RASLA 331202N 0493409E ▲ RIGOX 350618N 0475636E ▲ TUGEL 361220N 0470444E ▲ LAKLI 373730N 0455519E ▲ VUVAG 382529N 0452926E Cont.							
	000° 180°	UNL FL130	10	↓	Bahrain FIR/UIR		
	7.8 NM				Tehran FIR Tehran Radar FREQ: 133.400 MHZ Unidirectional eastbound from RAGAS to SYZ		
	000° 180°						
	21.2 NM						
	001° 181°						
	10.8 NM						
	001° 180°	Class A, D					
	77.9 NM						
	009° 189°	UNL FL130		↓	Tehran Radar FREQ: 126.900 MHZ RNAV 1		
	60.5 NM	Class A, C, D					
	308° 128°	UNL FL300					
	30.0 NM						
	325° 144°						
	58.4 NM						
	323° 141°						
	181.2 NM						
	321° 140°	UNL FL300					Tehran Radar FREQ: 125.700 MHZ RNAV 1
	139.9 NM						
	323° 142°						
78.3 NM							
322° 141°	Tehran Radar FREQ: 132.500 MHZ RNAV 1						
101.7 NM							
332° 151°	Class A						
52.1 NM							
291° 110°	UNL FL240		↑				
6.8 NM	Class A						

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
△ BORES 382829N 0452137E ▲ DASIS 385435N 0441230E						
	291° 110°	UNL FL240 Class A	10		↓	
	60.0 NM			↑		Tehran FIR Ankara FIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
P567 RNAV5 ▲ KAMAR 323900N 0604400E ▲ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E ▲ PATEN 340825N 0572334E ▲ DAPIN 342034N 0570413 ▲ ALROT 351116N 0554136E ▲ ITELO 353534N 0550052E ▲ ODKAT 354650N 0544146E ▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E ▲ DASEL 370636N 0522741E ▲ RIGAN 373543N 0514052E ▲ ULDUS 380000N 0510100E						
	281° 100°	UNL FL280	10	↓	Kabul FIR	
	79.9 NM				Tehran FIR Tehran Control FREQ: 123.900 MHZ	
	305° 123°				Tehran Radar FREQ: 120.700 MHZ MOCA 9600 FT (BJD-PATEN)	
	114.5 NM					
	304° 123°					
	20.1 NM					
	303° 122°					
	84.7 NM					
	302° 122°					
	41.2 NM					
	302° 121°					
	19.2 NM	Class A			MOCA 12200 FT (ODKAT-DNZ)	
	301° 120°					
	89.8 NM				MOCA 2700 FT (DNZ -DASEL)	
	303° 123°					
	44.6 NM				Tehran Radar FREQ: 132.500 MHZ MOCA 3000 FT (DASEL-ULDUS)	
	303° 122°					
	47.3 NM					
	303° 122°					
	39.8 NM	↑		Tehran FIR Baku FIR		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
P574 RNAV5						
▲ ULDUS 380000N 0510100E	160° 340°	UNL FL100	20	↓		Baku FIR
▲ ULEXI 374344N 0510631E	16.8 NM 160° 340°		10			Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 6700 FT (ULDUS-NSH)
▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E	66.2 NM 184° 004°	Class A, D				MOCA 16100 FT (NSH-NAGMO)
△ DANEB 362001N 0512408E	20.0 NM 184° 004°					AWY P574 between NSH DVOR/DME - TRN DVOR/DME defined as tactical route (conditional route) which maybe used on pilot request and controller approval, based on traffic situation. This AWY shall not be used in filed flight plan.
△ NAGMO 360214N 0512055E	18.0 NM 185° 005°	UNL FL170 Class A, C				MOCA 15700 FT (NAGMO-TRN)
▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E	20.7 NM 227° 047°	UNL FL100 Class A, C			↑ ↓	Tehran Radar FREQ: 125.700 MHZ MOCA 10000 FT (TRN-RUS)
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	23.9 NM 221° 041°	UNL FL90 Class A, C				MOCA 7600 FT (RUS-SAV)
▲ SOGOL 350829N 0503128E	26.1 NM 221° 041°					
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	10.5NM 156° 336°	UNL FL160 Class A, C	20	↑ ↓	→	MOCA 7500 FT (SAV-EGVEL)
△ EGVEL 344258N 0503005E	19.2 NM 157° 337°	UNL FL160				MOCA 13600 FT (EGVEL-SYZ)
△ PEKAM 332904N 0510118E	78.3 NM 157° 337°	Class A, D				
▲ IMRAG 325142N 0511643E	39.5 NM 157° 337°	UNL FL160 Class A, C				Tehran Radar FREQ: 126.900 MHZ
▲ EGPAT 323330N 0512409E	19.2 NM 158° 338°					
Cont.	51.4 NM				↑	

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
△ LOXAK 314454N 0514344E ▲ OBTUX 312223N 0515242E △ ASNIT 303854N 0520948E ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E △ SITEN 290207N 0525532E △ KASOL 283147N 0531533E ▲ ROTAL 273241N 0535320E △ DENSA 263158N 0542920E ▲ DAPER 254522N 0545731E						
	158° 338°	UNL FL160	20	↓		Tehran Radar FREQ: 126.900 MHZ
	23.8 NM	Class A, D				
	158° 338°	UNL FL160				
	45.8 NM	Class A, D				
	159° 339°	UNL FL160				
	70.0 NM	Class A,C				
	148° 329°	UNL FL130	10			Tehran Radar FREQ: 133.400 MHZ MOCA 12700 FT (SYZ-SITEN)
	35.1 NM	Class A,C				MOCA 9500 FT (SITEN-DAPER)
	148° 329°					
	34.9 NM	UNL FL130				
	148° 328°					
	67.9 NM					
	150° 331°	Class A,D				
	68.8 NM					
	149° 330°					
	53.0 NM			↑		Tehran FIR Emirates FIR/UIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
P715 RNAV 5 ▲ MESVI 311057N 0500006E ▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E ▲ ALNIN 283306N 0501036E ▲ KUVER 280925N 0500600E						Unidirectional eastbound airway
	168° 349°	UNL FL280 Class A	10	↓		Tehran Radar FREQ: 126.900 MHZ
	116.0 NM					Traffic routing from KHG DVOR/DME TO KUVER shall be assigned odd flight levels.
	187° 007°					
	43.4 NM					
	187° 007°					Tehran FIR
	24.0 NM					Bahrain FIR/UIR

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
P718 RNAV 5 ▲ PAXER 345612N 0551237E ▲ ITELO 353534N 0550052E △ BONUL 364234N 0544112E △ KUREL 371251N 0543532E ▲ SOMAD 372645N 0543255E						
	342° 162°	UNL FL280	16		↓	Tehran Radar FREQ: 120.700 MHZ MOCA 9000 FT (PAXER-ITELO)
	40.5 NM					MOCA 14800 FT (ITELO-BONUL)
	342° 162°					
	68.8 NM					MOCA 14100 FT (BONUL-KUREL)
	347° 167°	Class A				MOCA 2200 FT (KUREL-SOMAD)
	30.6 NM					
	347° 167°					
	14.0 NM			↑		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
Q10 RNAV5 △ DAVEP 274226N 0572009E ▲ VELAP 272556N 0565950E ▲ MOBET 264406N 0560908E						Unidirectional westbound airway
	225° 045°	UNL FL 260 Class A	10	↓		Tehran Radar FREQ: 120.300 MHZ
	24.4 NM					
	225° 045°					
	61.6 NM					

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Q14 RNAV5 Δ ASMET 284758N 0561019E Δ ALMEK 294718N 0565052E						
	028° 208°	UNL FL 170	10	↓		Tehran Radar FREQ: 120.300 MHZ MOCA 16400 FT (ASMET-ALMEK)
	68.6 NM	Class A, D			↑	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
▲ Q16 RNAV5 ZABOL VOR/DME (ZAL) 310543.9N 0613230.8E △ KAPUR 303206N 0610713E △ LUDAX 295658N 0604101E						
	<u>210°</u> 030°	UNL FL170	10		↓	Tehran Control FREQ: 123.900 MHZ
	40.0 NM					
	<u>210°</u> 030°	Class A, D				
	41.8 NM		↑			

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Q17 RNAV 5 ▲ GORGAN DVOR/DME (GGN) 365544.7N 0542233.3E △ RUDEX 364009N 0540656E ▲ IMDUX 361511N 0534211E △ RUBIL 353153N 0525925E ▲ DEHNAMAK VOR/DME (DHN) 351515.0N 524312.0E						
	214° 034°	<u>UNL</u> FL160 Class A, D	10	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 11000 FT (GGN-RUDEX)
	20.0NM					MOCA 12600 FT (RUDEX-IMDUX)
	214° 034°					MOCA 14300 FT (IMDUX-RUBIL)
	31.9NM					MOCA 12700 FT (RUBIL-DHN)
	214° 034°					
	55.5NM					
	21.3NM			↑		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.



Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Q25 RNAV 5 ▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E △ SESMA 293441N 0510509E △ RADID 302444N 0512613E ▲ YASOUJ DVOR/DME (YSJ) 304136.0N 0513324.1E ▲ MIPUL 310010N 0514209E ▲ OBTUX 312223N 0515242E △ GESIP 314556N 0520359E						
	017° 197°	UNL FL 140 Class A, D	10	↓	Tehran Radar FREQ: 126.900 MHZ Traffic routing from BUZ to GESIP shall assign even flight levels MOCA 12200 FT (BUZ-YSJ)	
	40.0 NM					
	017° 197°					
	53.2 NM					
	017° 197°					
	18.0 NM	UNL FL 170 Class A, D				↑
	019° 199°					
	20.0 NM					
	019° 199°					
24.0 NM	Class A, D	Traffic routing from GESIP to BUZ shall assign odd flight levels				
019° 199°						
25.4 NM						

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
T210 RNAV5 ▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E △ RADAL 345423N 0522023E						Unidirectional westbound airway
	110° 291°		10			Tehran Radar FREQ: 125.700 MHZ MOCA 7100 FT (RUS- RADAL)
	77.6 NM	UNL FL130 Class A, C			→ ↑	AWY T210 defined as tactical route (conditional route) which maybe used on pilot request and controller approval, based on traffic situation. This AWY shall not be used in filed flight plan.

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
→ T211 RNAV5						
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	136° 316°	<u>UNL</u> FL200 Class A, C	10	↓	←	Tehran Radar FREQ: 125.700 MHZ MOCA 7200 FT (RUS-EGTOS)
▲ OXADU 350837N 0511226E	23.4 NM 136° 317°					
△ EGTOS 343523N 0514513E	42.8 NM 137° 317°	<u>UNL</u> FL200 Class A, D		↑ ↓		
▲ VAVIN 341709N 0520247E	23.3 NM 137° 317°					
▲ ITMOV 334836N 0523023E	36.6 NM 204° 024°					
△ DAPOG 333744N 0522331E	12.3 NM					

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ	
				Odd	Even		
1	2	3	4	5		6	
T216 RNAV5 ▲ SARAVAN NDB/DME(SRN) 272454.1N 0621931.5E ▲ GIBUT 274419N 0620145E ▲ SODOK 281113N 0613652E Δ PEGOS 285915N 0605140E Δ PUVMI 291444N 0602357E ▲ MIRAD 294134N 0595521E ▲ SITAK 303116N 0584722E ▲ DARBAND VOR/DME (DAR) 314659.4N 0565940.4E							
	320° 140°	UNL FL120	20	↓	Tehran Control FREQ: 123.900 MHZ MOCA 10800 FT (SRN - GIBUT)		
	25.0 NM	Class A, D				MOCA 15200 FT (GIBUT - PEGOS)	
	319° 139°	UNL FL170 Class A, D					
	34.7 NM						
	319° 138°						
	62.3 NM	UNL FL 200 Class A, D					
	301° 120°						
	28.7 NM						
	315° 135°						
	36.6NM						
	308° 127°						
	77.0 NM						
	307° 126°						
119.3 NM			↑				

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
T217 RNAV5						
▲ EGSIR 294615N 0512735E	144° 324°	<u>UNL</u> FL180	10	↓		Tehran Radar FREQ: 126.900 MHZ MOCA 10500 FT (EGSIR-LAM)
▲ RUBAK 292617N 0514218E	23.7 NM 144° 324°					
▲ TOTNO 291052N 0515336E	18.3 NM 144° 324°					
▲ DASDO 285401N 0520551E	20.0 NM 145° 325°					
▲ LAGSA 283306N 0522056E	24.7 NM 145° 326°	Class A, C				Tehran Radar FREQ: 133.400 MHZ
▲ LAMERD VOR/DME (LAM) 272222.2N 0531102.3E	83.4 NM	<u>UNL</u> FL130 Class A, C, D				

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
T800 RNAV1 ▲ DASUT 261832N 0531108E → ▲ LEVNA 261901N 0533312E ▲ VEKEL 261929N 0535738E → △ UKVUP 261940N 0540855E ▲ MIRIT 262013N 0545411E ▲ NANPA 262301N 0553136E ▲ ULDUN 262429N 0560924E						
	086° 266°	UNL FL130	10	↓		Bahrain FIR/UIR
	19.8 NM 086° 266°	Class A, D				Tehran FIR Tehran Radar FREQ: 133.400 MHZ
	22.0 NM 087° 267°					MOCA 3000 FT (DASUT-MIRIT)
	10.1 NM 087° 267°					
	40.7 NM 083° 263°	UNL FL130				
	33.6 NM 085° 266°					Tehran Radar FREQ: 120.300 MHZ
	33.9 NM					Tehran FIR Muscat FIR
				↑		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
T888 RNAV 5 ▲ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E ▲ RETOX 332215N 0575428E △ MIXIL 333034N 0572643E ▲ TABAS VOR/DME (TBS) 334021.2N 0565330.9E ▲ EMITI 335811N 0560845E						
	287° 106°	UNL FL 150 Class A, D	20		↓ <	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ	
				Odd	Even		
1	2	3	4	5		6	
Z1 RNAV 5 ▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E △ ASMUK 280952N 0560453E ▲ BOTUX 285828N 0552205E ▲ RIKAS 295337N 0543224E ▲ DEDAK 305600N 0533439E △ MUXIS 315835N 0523458E ▣ ESFAHAN DVOR/DME (ISN) 324449.1N 0514940.9E △ PEKAM 332904N 0510118E △ DEKBA 342145N 0500832E △ DAXIL 345135N 0493454E ▲ AMBEX 370356N 0472143E △ SISIL 373442N 0464922E ▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E							
	344° 163°	UNL FL200	10	↓	Tehran Radar FREQ:120.300 MHZ		
	60.0NM	Class A, C					
	320° 140°	UNL FL200					
	61.4NM						
	319° 139°						
	70.1						
	319° 138°	Class A, D					Tehran Radar FREQ: 133.400 MHZ
	79.8NM						Tehran Radar FREQ: 126.900 MHZ
	318° 137°						
	80.7NM	UNL FL200					
	317° 136°						
	60.0NM	Class A, C					
	315° 134°						
	60.0NM	UNL FL200					
	317° 136°						
	68.5NM						
	313° 133°						
	40.7NM						
	317° 135°						
	170.7NM						
315° 135°							
40.1NM	Class A, D						
315° 134°							
45.0NM		↑					

Note1: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.
Note2: This airway defined as tactical routes for Iranian airlines which may be used on pilot request and controller approval based on traffic situation and military restriction. This AWY shall not be used in filed flight plan.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Z2 RNAV 5 ▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E △ DEMBA 355611N 0514511E △ RAPSU 362320N 0523930E ▲ DASHT E NAZ DVOR/DME (DNZ) 363853.6N 0531120.1E						
	053° 233°	UNL FL155	10	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 15000 FT (TRN-DEMBA)
	27NM	Class A, C				MOCA 16000 FT (DEMBA-RAPSU)
	053° 234°	UNL FL155				
	51.7NM					MOCA 2400 FT (RAPSU-DNZ)
	054° 234°					
	30.0NM	Class A, D		↑		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
Z5 RNAV 5 ▲ LAR DVOR/DME (LAR) 274030.7N 0542454.7E ▲ LORIX 280620N 0544331E ▲ BOTUX 285828N 0552205E ▲ SIRJAN VOR/DME (SRJ) 293322.5N 0553937.0E ▲ RAFSANJAN NDB/DME (RAF) 301809.9N 0560320.3E ▲ MIRER 305943N 0562926E ▲ DARBAND VOR/DME (DAR) 314659.4N 0565940.4E ▲ RETOX 332215N 0575428E ▲ ALPEX 340919N 0582221E △ LOSAN 352025N 0590536E ▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E						
	030° 210°	UNL FL200	10	↓	Tehran Radar FREQ: 133.400 MHZ	
	30.6NM					
	031° 211°					
	62.1NM					
	021° 201°				Tehran Radar FREQ: 120.300 MHZ	
	38.0NM		Class A, D			
	022° 202°					
	49.2NM					
	025° 206°					Tehran Control FREQ: 123.900 MHZ
	47.3NM					
	026° 206°					
	53.9NM					
	023° 203°					
	105.6NM					
023° 203°				Tehran Radar FREQ: 120.700 MHZ		
52.5NM						
023° 203°						
79.5NM						
023° 203°	UNL FL200				MOCA 10500 (LOSAN-MSD)	
60.0NM	Class A, C			↑		
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits						

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Z710 RNAV 5 ▲ DASHT-E-NAZ DVOR/DME (DNZ) 363853.6N 0531120.1E ▲ PUSAL 363743N 0534835E ▲ ODKOL 363136N 0560702E ▲ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E						
	087° 267°	<u>UNL</u> FL 160 Class A, D	16	↓		Tehran FIR Tehran Radar FREQ: 120.700 MHZ MOCA 9300 FT (DNZ -PUSAL) MOCA 14800 FT (PUSAL-ODKOL) MOCA 10200 FT (ODKOL-SBZ)
	30.0 NM					
	087° 269°					
	111.7 NM					
	102° 283°					
	73.6 NM				↑	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Z720 RNAV 5 ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E ▲ EMAVI 371650N 0501737E ▲ GIVSI 371031N 0514109E ▲ DASEL 370636N 0522741E ▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E						
	089° 270°	UNL FL 260	20	↓		Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 4200 FT (RST-DASEL)
	32.6 NM					
	090° 271°					
	67.0 NM	Class A				Tehran Radar FREQ: 120.700 MHZ MOCA 4100 FT (DASEL-GGN)
	090° 271°					
	37.4 NM					
	091° 272°					
	92.6 NM				↑	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
Z725 RNAV 5 ▲ OXADU 350837N 0511226E ▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E ▲ VEBER 354209N 0504400E ▲ DAVMI 355657N 0503401E △ PAXID 361703N 0502021E △ DEDLA 365620N 0500044E ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E						
	316° 136°	UNL FL 200 Class A, C	20		↓	Tehran Radar FREQ: 125.700 MHZ
	23.4 NM					MOCA 9200 FT (RUS - VEBER)
	328° 147°	UNL FL 150				
	17.6 NM					
	328° 147°					Tehran Radar FREQ 132.500 MHZ MOCA 9200 FT (VEBER - DAVMI)
	16.9 NM	Class A, C				
	328° 147°					
	22.9 NM					
	333° 153°	UNL FL 150	16			MOCA 13200 FT (PAXID-DEDLA)
	42.3 NM					
	316° 135°	Class A, D				MOCA 10000 FT (DEDLA-RST)
	30.0 NM			↑	←	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
Z730 RNAV 5 ▲ ALTET 333209N 0470047E △ BUBAV 335934N 0473612E △ IVELI 343459N 0482952E ▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E				←		
	042° 223°	UNL FL160	20	↓		Tehran Radar FREQ: 125.700 MHZ MOCA 11100 FT (ALTET - BUBAV)
	40.2 NM	Class A, D				MOCA 13700 FT (BUBAV - IVELI)
	047° 227°					
	56.7 NM					MOCA 13700 FT (IVELI – HAM)
	004° 184°	UNL FL150				
17.2 NM	Class A, D		↑			

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
→ Z735 RNAV 5 ▲ PUTMA 374800N 0515736E ▲ RIGAN 373543N 0514052E						
	222° 042°	<u>UNL</u> FL260	16		↓	Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 3000 FT (PUTMA- RIGAN)
	18.1 NM	Class A		↑		

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
Z740 RVAV 5 ✈ UROMIYEH DVOR/DME(UMH) 374114.0N 0450503.7E ⚠ TUBAR 373018N 0452609E ⚠ ROVON 371601N 0455322E ⚠ SIVOR 363029N 0463123E ⬆ PAREX 360527N 0465154E ⬆ TAVNI 353807N 0465631E ⬆ NOLTO 351435N 0465623E ⚠ ASLAX 351607N 0463118E ⬆ BOXIX 351724N 0460924E						
	118° 299° 20 NM	UNL FL130 Class A, D	10	↓	Tehran FIR	
					Tehran Radar FREQ: 132.500 MHZ MOCA 8600 FT (UMH - TUBAR)	
	119° 299°				MOCA 7100 FT (TUBAR- ROVON)	
	25.9 NM	MOCA 9900 FT (ROVON- SIVOR)				
	140° 321°	UNL FL160 Class A, D			MOCA 10700 FT (SIVOR- PAREX)	
	54.7 NM	UNL FL300 Class A			MOCA 11500 FT (PAREX- TAVNI)	
	141° 321°				MOCA 11500 FT (TAVNI- NOLTO)	
	30 NM					
	167° 347°	UNL FL200 Class A, D			↑ ↓	MOCA 11700 FT (NOLTO- ASLAX)
	27.6 NM					MOCA 11600 FT (ASLAX- BOXIX)
	175° 356°					
	23.5 NM	UNL FL150 Class A, D	16	↑		
	270° 089°					
	20.5 NM					
	270° 090°					
17.9 NM						

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.

Route designator Name of significant points Coordinates	MAG TR DIST	Upper limits Lower limits MNM FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
Z742 RNAV 5 ▲ AGINA 391924N 0440512E ▲ KHOY VOR/DME(KHY) 382601.4N 0445758.9E						
	136° 317°	UNL FL300	16	↓		Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 12800 FT (AGINA- KHY)
	67.4 NM	Class A			↑	

Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.