

ENR 3. ATS ROUTES**ENR 3.1 ATS 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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
A414 RNAV 5 above FL285						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	011° 191°	<u>UNL</u> FL 150 Class A, D	20	↓	←	Tehran Radar FREQ: 120.700 MHZ
▲ BUBUX 353023N 0524814E	15.7 NM 011° 191°					MOCA 13600 FT (BUBUX-LABET)
▲ LABET 360950N 0530127E	40.8 NM 010° 190°					MOCA 10900 FT (LABET-DNZ)
▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E	30.0 NM 069° 250°					MOCA 6600 FT (DNZ-GGN)
△ DATOL 364717N 0534706E	30.0 NM 069° 249°	Class A, D	10			MOCA 5100 FT (GGN-ALNIT)
△ IMPIR 364958N 0535846E	9.7 NM 068° 249°					
▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E	20.0 NM 071° 251°	<u>UNL</u> FL 110				
△ ALNIT 370022N 0544645E	20.0 NM 072° 252°	Class A, D <u>UNL</u> FL 130				MOCA 11100 FT (ALNIT-BRD)
△ ORSEK 370517N 0551109E	20.1 NM 071° 252°	Class A, D <u>UNL</u> FL 130				
△ EGLUL 372407N 0564855E	80.2 NM 072° 252°	Class A, D				
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	25.0 NM 054° 234°	<u>UNL</u> FL 130				
▲ DEBER 375006N 0580200E	39.5 NM	Class A, D			↑	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 FREQ
				Odd	Even	
1	2	3	4	5		6
A416 RNAV 5 above FL285 ▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E △ EGVON 381647N 0475421E ▲ ARDABIL VOR/DME (ARB) 381856.5N 0482605.1E △ GIVTA 380050N 0484744E △ GABMI 374115N 0491052E ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E △ KOBUB 370621N 0501031E △ EGMAN 370311N 0501827E ▲ RAMSAR NDB/DME (RSR) 365412.5N 0504049.6E △ ALKUP 364702N 0510409E ▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E △ IMKER 363938N 0515239E Cont.						
	079° 260°	UNL FL 200 Class A, D	10	↓		Tehran Radar FREQ: 119.300 MHZ MOCA 18000FT (TBZ-ARB)
	80.2 NM					
	080° 260°	UNL FL 130				MOCA 12200FT (ARB-RST)
	25.0 NM					
	132° 313°	Class A, D				MOCA 9000FT (RST-KOBUB)
	25.0 NM					
	132° 313°	UNL FL 90 Class A, D				MOCA 12600FT (KOBUB-RSR)
	26.8 NM					
	132° 312°	UNL FL 130				MOCA 9000 FT (RSR-NSH)
	30.0 NM					
	112° 292°	UNL FL 100 Class A, D				Tehran Radar FREQ: 120.700 MHZ MOCA 2100 FT (IMKER-MODEK)
	30.0 NM					
	112° 292°	UNL FL 100 Class A, D				
	6.9 NM					
	112° 292°	UNL FL 100 Class A, D				
	20.0 NM					
	106° 286°	UNL FL 100 Class A, D				
	20.0 NM					
	106° 286°	UNL FL 100 Class A, D				
	20.4 NM					
	086° 266°	UNL FL 100 Class A, D				
	20.0 NM					
	085° 265°	UNL FL 100 Class A, D				
33.4 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
△ MODEK 363918N 0523407E						
	085° 265°	UNL FL 100	10	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 2700 FT (MODEK-DNZ)
▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E	30.0 NM	Class A, D				
	069° 249°	UNL FL 70				MOCA 4300 FT (DNZ-DATOL)
△ DATOL 364717N 0534706E	30.0 NM					
	069° 249°					MOCA 2800 FT (DATOL-IMPIR)
▲ IMPIR 364958N 0535846E	9.7 NM	Class A, D				
	068° 249°					
▲ GORGAN DVOR/DME (GGN) 365544.7N 0542233.3E	20.0 NM		16			MOCA 11700 FT (GGN-LOVEN)
	101° 282°	UNL FL 160				
▲ LOVEN 363926N 0553355E	59.6 NM					MOCA 10200 FT (LOVEN-SBZ)
	102° 282°					
▲ ODKOL 363136N 0560702E	27.8 NM	Class A, D				
	102° 283°					
▣ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E	73.6 NM			↑		
	109° 290°	UNL FL 160	10	↓		Tehran Radar FREQ: 118.900 MHZ Unidirectional eastbound from SBZ to MSD.
▲ LOXED 355854N 0580609E	28.2 NM	Class A, D				
	078° 258°	UNL FL 130				
△ RIBUX 360112N 0582647E	16.8 NM	Class A, D				MOCA 11700 FT (RIBUX-MSD)
	073° 254°	UNL FL 200	20			
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E	60.0 NM	Class A, C		↓		MOCA 12000 FT (MSD-SOKAM)
	160° 341°	UNL FL 260				
△ SOGES 351600N 0595822E	60.0 NM	Class A				
	161° 342°					
▲ SOKAM 331316N 0603754E	127.0 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 FREQ
				Odd	Even	
1	2	3	4	5		6
A418 RNAV5 above FL200 ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E △ SITEN 290207N 0525532E ▲ KASOL 283147N 0531533E △ VEKUP 275419N 0532853E △ SOKEV 272856N 0533749E ▲ PURNA 265056N 0535045E ▲ KISH ISLAND DVOR/DME (KIS) 263144.0N 0535713.9E ▲ VEKEL 261929N 0535721E ▲ ORSAR 260430N 0535730E						
	148° 329°	UNL FL 130	20	↓	Tehran Radar FREQ: 133.400 MHZ	
	35.0 NM 148° 329°	Class A, C	10			
	34.9 NM 160° 340°				MOCA 8700 FT (KASOL-VEKUP)	
	39.2 NM 160° 340°	MOCA 7100 FT (VEKUP-SOKEV)				
	26.5 NM 161° 341°	→			MOCA 7000 FT (SOKEV-KIS)	
	39.6 NM 161° 341°				Class A, D	
	20.0 NM 177° 357°					MOCA 4000 FT (KIS-ORSAR)
	12.2 NM 177° 357°	Class A, D				
	14.9 NM				↑	Tehran FIR
					Emirates FIR/UIR	

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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
A422 RNAV 5 above FL285						
◻ UROMIYEH DVOR/DME(UMH) 374114.0N 0450503.7E	065° 245°	<u>UNL</u> FL 100 Class A, D	10	↓		Tehran Radar FREQ: 119.300 MHZ MOCA 9300 FT (UMH-TBZ)
△ RABEM 374841N 0452949E	21.0 NM 065° 245°					
△ SETNA 375615N 0455522E	21.6 NM 043° 223°					
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	18.7 NM 038° 218°					
▲ MURID 382744N 0463525E	25.9 NM 038° 218°	<u>UNL</u> FL 220 Class A	20	←		
▲ DARUN 383339N 0464235E	8.2 NM 038° 219°					
△ DASDA 384135N 0465214E	11.0 NM 035° 216°					
↔ ▲ PARSABAD E MOGHAN VOR/DME (PAD) 393611.2N 0475323.8E	72.4 NM 074° 254°					
▲ PARSU 393748N 0480448E	9.0 NM			↑		Tehran FIR Baku 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
A453 RNAV 5 above FL285 ▲ PIRAN 293407N 0610809E ▢ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E ▲ ULOVI 291948N 0603429E ▴ PUVMI 291444N 0602357E ▲ PEKES 285929N 0595221E ▲ NABOX 281630N 0582601E ▴ DAVEP 274226N 0572009E ▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E ▲ PAVON 270206N 0561149E ▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E ▲ SERDU 264715N 0545757E ▲ ROSUM 264741N 0543637E ▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E Cont.						
						Karachi FIC
	246° 066°	UNL FL 120	20		↓	Tehran FIR Tehran Control FREQ: 123.900 MHZ
	13.2 NM	Class A, D				MOCA 13000 FT (ZDN-BND)
	239° 059°					
	19.5 NM					
	239° 059°					
	10.5 NM	UNL FL 150				
	239° 059°					
	31.5 NM					
	239° 058°	Class A, D				
	87.1 NM					
	238° 058°					Tehran Radar FREQ: 120.300 MHZ
	67.4 NM					
	238° 057°	UNL FL 150				
	60.0 NM	Class A, C				
	221° 041°	UNL FL 50	10			MOCA 5000 FT (BND-KHM)
	13.3 NM					
	222° 041°	Class A, C				
	22.5 NM					
	270° 089°	UNL FL 100			↓	Tehran Radar FREQ: 133.400 MHZ Unidirectional westbound from KHM to MIDS
	50.5 NM					
	269° 089°					
	19.1 NM					
	269° 088°	Class A, D				
	67.2 NM					
	263° 082°					
	60.3 NM					Tehran FIR

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				Odd	Even	
1	2	3	4	5		6
△ KAPIP 264322N 0521403E ▲ MIDS 264142N 0515442E						
	262° 082°	UNL FL 100			↓	Tehran Radar FREQ: 133.400 MHZ Unidirectional westbound from KHM to MIDS
	17.4 NM	Class A, D				Tehran FIR
						Bahrain FIR/UIR

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				Odd	Even	
1	2	3	4	5		6
A647 RNAV 5 above FL285						
▲ NAZAR 363929N 0601926E	228° 047°	UNL FL 160	10	↓		Ashgabat FIR Tehran FIR Tehran Radar FREQ: 118.900 MHZ MOCA 8400 FT (NAZAR-MSD)
▲ MASHHAD DVOR/DME(MSD) 361352.2N 0593902.0E	41.4 NM 269° 088°	Class A, C UNL FL 190		↑	↓	Unidirectional westbound from MSD to RAGET MOCA 12900 FT (MSD-ORDOB)
△ ORDOB 361609N 0582504E	60.0 NM 258° 078°	Class A, C				MOCA 8400 FT (ORDOB-VUSUL)
▲ VUSUL 361407N 0580726E	14.4 NM 258° 077°					MOCA 8600 FT (VUSUL-SBZ)
▣ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E	27.1 NM 257° 077°					
▲ MITUS 360535N 0565748E	30.0 NM 257° 076°					MOCA 10000 FT (MITUS-ULANO)
▲ ULANO 355228N 0552043E	79.9 NM 256° 075°	UNL FL 140				MOCA 7600 FT (ULANO-ODKAT)
▲ ODKAT 354650N 0544146E	32.2 NM 255° 075°	Class A, D				
▲ MIRUR 354221N 0541139E	24.9 NM 255° 075°					
▲ RAPKI 353454N 0532208E	41.0 NM 256° 076°					
△ RUBIL 353153N 0525925E	18.8 NM 256° 076°					
▲ BUBUX 353023N 0524814E	9.2 NM 256° 076°					
△ MUXOR 352930N 0524147E	5.3 NM 256° 075°	UNL FL 140				
▲ VARAMIN NDB (VR) 352033.6N 0513813.8E	52.6 NM 276° 095°	Class A, C UNL FL 90				Tehran Radar FREQ: 125.700 MHZ
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	22.8 NM 275° 094°	Class A, C				
Cont.	13.5 NM					

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				Odd	Even	
1	2	3	4	5		6
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E △ PAVET 352639N 0495301E ▲ LOXAM 350415N 0491601E ▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E △ ASRIL 342813N 0474513E ▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E ▲ RAGET 333048N 0455348E						
	266° 085°	<u>UNL</u> FL 210	10		↓	
	50.0 NM	Class A				
	229° 049°	<u>UNL</u> FL 180				Tehran Radar FREQ: 134.400 MHZ
	37.6 NM	Class A, D				Unidirectional westbound from MSD to RAGET
	247° 066°					
	37.3 NM	<u>UNL</u> FL 160				
	235° 054°					
	46.0 NM					
	251° 071°					
	30.0 NM	Class A, D				
	228° 047°					
	80.5 NM					Tehran FIR
						Baghdad FIR

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				Odd	Even		
1	2	3	4	5		6	
A788 RNAV 5 above FL285 ▲ SHIRAZ DVOR/DME (SYZ) 293224.6N 0523519.6E ▲ RUBAK 292617N 0514218E △ IVERA 292303N 0511540E ▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E ▲ PATIR 285606N 0492923E							
	<u>260°</u> 079°	<u>UNL</u> FL 150 Class A, C	10	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 12300 FT (SYZ-IVERA)	
	46.6 NM						
	<u>259°</u> 079°						
	23.4 NM						
	<u>259°</u> 078°	<u>UNL</u> FL 150 Class A, D				MOCA 7400 FT (IVERA-KHG)	
	50.0 NM					MOCA 2600 FT (KHG-PATIR)	
	<u>243°</u> 063°						
	47.7 NM			↑		Tehran FIR	
					Kuwait FIR		

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				Odd	Even				
1	2	3	4	5		6			
A791 RNAV 5 above FL285 ▲ IMLOT 251713N 0570800E ▲ KATUS 251600N 0574700E ▲ PEDEX 251211N 0592131E ▲ KINOX 250945N 0600942E ▲ EGPIC 250811N 0603730E ▲ EGRON 250444N 0613245E									
	091° 271°	UNL FL 130	20	↓		Muscat FIR			
	35.3 NM					Tehran FIR Tehran Radar FREQ: 132.700 MHZ MOCA 3500 FT (IMLOT-EGRON)			
	091° 272°	Class A, D							
	85.6 NM								
	092° 272°	UNL FL 60				Class A, D			
	43.7 NM								
	092° 272°								
	25.2 NM								
	092° 273°	Class A, D							
	50.2 NM								
						↑	Tehran FIR Karachi FIR		

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				Odd	Even	
1	2	3	4	5		6
B121 RNAV 5 above FL285 ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E △ SIVIT 373553N 0490511E △ DASDA 384135N 0465214E ▲ MAGRI 385408N 0462300E						
	299° 118°	<u>UNL</u> FL 130 Class A, D	20		↓	Tehran Radar FREQ: 119.300 MHZ MOCA 18000 FT (RST-MAGRI)
	30.0 NM					
	298° 118°	<u>UNL</u> FL 250				
	123.5 NM		10			
	294° 114°	Class A				
	26.0 NM			↑		Tehran FIR Yerevan FIR

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				Odd	Even	
1	2	3	4	5		6
B411 RNAV 5 above FL285						
▲ PAXAT 332056N 0460519E	046° 227°	UNL FL 130	20	↓		Baghdad FIR Tehran FIR Tehran Radar FREQ: 134.400 MHZ MOCA 9600FT (PAXAT-ILM)
▲ ILAM DVOR/DME (ILM) 333442.3N 0462455.4E	21.4 NM 049° 230°	Class A, D UNL FL 200				
▲ YASER 335850N 0470456E	41.1NM 058° 239°	Class A, D				
△ IVELI 343459N 0482952E	79.0 NM 068° 249°	UNL FL 160				
△ DAXIL 345135N 0493454E	56.0 NM 071° 252°	Class A, D			→	MOCA 10200FT (DAXIL-KANUG)
→ ▲ KANUG 345740N 0500458E	→ 25.5 NM 071° 252°				→	MOCA 8700FT (KANUG-SAV)
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	→ 14.6 NM 041° 221°	UNL FL 90 Class A, C				
▲ SOGOL 350829N 0503128E	10.5 NM 085° 265°	UNL FL 300				
▲ OXADU 350837N 0511226E	33.5 NM 089° 270°	Class A, C UNL FL 200				
▲ NAGIN 350619N 0515308E	33.4 NM 073° 253°	Class A UNL FL 200				Tehran Radar FREQ: 120.700 MHZ
▲ DEHNAMAK VOR/DME (DHN) 351515.0N 0524312.0E	41.9 NM 075° 256°	Class A, C UNL FL 160	10	↓	↑	Unidirectional eastbound from DHN to MSD
▲ GIBAB 353213N 0543656E	94.5 NM 076° 256°	Class A, D				
▲ ITELO 353534N 0550052E	19.8 NM 076° 257°	UNL FL 130 Class A, D				MOCA 9400 FT (ITELO-MUSEG)
▲ MUSEG 354656N 0562631E	70.7 NM 077° 257°					MOCA 10800 FT (MUSEG-RABAM)
	52.1 NM					

Cont.

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				Odd	Even	
1	2	3	4	5		6
▲ RABAM 355442N 0572955E ▲ LOXED 355854N 0580609E ▲ RIBUX 360112N 0582647E ▲ MASHHAD DVOR/DME(MSD) 361352.2N 0593902.0E ▲ TANBU 353422N 0603430E ▲ PAMTU 351006N 0610806E						
	077° 258°	UNL FL 130	10	↓		
	29.6 NM	Class A, D				Tehran Radar FREQ: 118.900 MHZ Unidirectional eastbound from DHN to MSD
	078° 258°					
	16.8NM					
	073° 254°	UNL FL 200	20			MOCA 12900 FT (RIBUX-MSD)
	60.0 NM	Class A, C		↓		
	127° 308°	UNL FL 260	10			MOCA 9400 FT (MSD-TANBU)
	60.0 NM	Class A				
	127° 308°					MOCA 8900 FT (TANBU-PAMTU)
	36.6 NM				↑	Tehran FIR Kabul FIR

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				Odd	Even		
1	2	3	4	5		6	
B416 RNAV 5 above FL285 ▲ KUVER 280925N 0500600E ▲ IMDAT 274100N 0511100E ▲ DURSI 271219N 0520144E ▲ PEGET 270434N 0521515E △ EGMIT 263340N 0530825E ▲ LEVNA 261901N 0533312E ▲ ORSAR 260430N 0535730E						Bahrain FIR/UIR	
	114° 294°	UNL FL 50 Class A, D	30	↓		Tehran FIR Tehran Radar FREQ: 128.750 MHZ MOCA 2500FT (KUVER-EGMIT)	
	64.2 NM					Tehran Radar FREQ: 133.400 MHZ	
	120° 301°	UNL FL 150 Class A, D					MOCA 3000 FT (EGMIT-ORSAR)
	53.4 NM						
	120° 300°						
	14.3 NM						
	120° 301°						
	56.6 NM						
	121° 301°						
	26.6 NM						
	121° 301°						
26.2 NM					↑	Tehran FIR	
					Emirates FIR/UIR		

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				Odd	Even	
1	2	3	4	5		6
B417 RNAV 5 above FL285						
→ △ EGVEL 344258N 0503005E	→ 190° 010°	UNL FL 140 Class A, D	10		↓ →	Tehran Radar FREQ: 134.400 MHZ MOCA 11000 FT (EGVEL-LONEV)
→ ▲ LONEV 341039N 0501955E	→ 33.3 NM 190° 010°					
▲ UKITA 330657N 0500041E	165.6 NM 190° 010°					MOCA 12700 FT (LONEV-UKITA)
▲ IMKEN 314407N 0493611E	85.4 NM 195° 015°	UNL FL 160 Class A, D	20			Tehran Radar FREQ: 134.400 MHZ MOCA 15500FT (UKITA- IMKEN)
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	74.5 NM 182° 002°	UNL FL 140 Class A, D				
▲ UKNAR 295538N 0490450E	37.8 NM 182° 002°	UNL FL 150				
▲ TULAX 293853N 0490301E	16.8 NM	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
B418 RNAV 5 above FL285 ▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E ▲ ALGUV 304702N 0565734E ▲ PURBO 311346N 0565832E ▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E ▲ NADSA 321438N 0575002E ▲ IMPAT 322451N 0580856E ▲ BIRJAND DVOR/DME(BJD) 325820.7N 0591200.5E ▲ PAMTU 351006N 0610806E						
	359° 179°	UNL FL 160 Class A, D	20	↓	Tehran Control FREQ: 125.350 MHZ MOCA 13700 FT (KER-ALGUV)	
	30.0 NM				MOCA 13200 FT (ALGUV-PURBO)	
	359° 179°					
	26.7 NM					
	001° 180°			↑ ↓		
	33.2 NM					
	054° 234°	UNL FL150 Class A, D	10		MOCA 11300 FT (BJD – PAMTU)	
	50.9 NM					
	054° 234°					
	19.0 NM					
	055° 235°					
	62.8 NM	UNL FL 260 Class A, D				
032° 213°						
163.0NM				↑		

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
B441 RNAV 5 above FL285 ▲ OTRUZ 363108N 0610956E △ ALMUX 362736N 0605121E ▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E △ NOTSO 351416N 0593034E △ ASVIS 334633N 0591828E △ BOPEB 331913N 0591448E ▲ BIRJAND DVOR/DME(BJD) 325820.7N 0591200.5E ▲ KUVAV 313426N 0585747E ▲ BOPAG 304413N 0584929E ▲ SILKO 295558N 0584138E ▲ NABOX 281630N 0582601E						
			20		↓	Ashgabat FIR Tehran FIR Tehran Radar FREQ: 118.900 MHZ MOCA 8600FT (OTRUZ - MSD)
	15.4 NM	Class A, D				
	60.0 NM	Class A, C		↑		
				↓		Traffic routing from MSD to BJD shall assign odd flight levels MOCA 10800FT (MSD-BJD)
	60.0 NM	UNL FL 140 Class A, D				
	88.3 NM					
	27.5 NM					
					↑	Traffic routing from BJD to MSD shall assign even flight levels
					↓	Tehran Control FREQ: 125.350 MHZ MOCA 12500FT (BJD-NABOX)
			UNL FL 280			
				10		
		Class A				
	100.8 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 FREQ
				Odd	Even	
1	2	3	4	5		6
B451 RNAV 5 above FL285						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	054° 234°	<u>UNL</u> FL 180	16	↓		Tehran Radar FREQ: 120.700 MHZ
▲ RAPKI 353454N 0532208E	37.4 NM 054° 234°					
▲ ITMEL 360729N 0542812E	62.8 NM 054° 235°					
▲ SHAHROUD VOR/DME(SHR) 362522.3N 0550519.5E	34.9 NM 054° 234°					MOCA 9000 FT (SHR-LOVEN)
▲ LOVEN 363926N 0553355E	27.0 NM 054° 235°					MOCA 10700 FT (LOVEN-RIBOB)
▲ RIBOB 371705N 0565226E	73.3 NM 055° 235°					
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	25.0 NM 054° 234°	Class A, D				MOCA 12000FT (BRD -DEBER)
▲ DEBER 375006N 0580200E	39.5 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	
B541 RNAV 5 above FL285 ▲ LAR DVOR/DME (LAR) 274030.7N 0542454.7E △ NABEX 271157N 0541334E △ DELBU 265035N 0540452E ▲ KISH ISLAND DVOR/DME (KIS) 263144.0N 0535713.9E ▲ VEKEL 261929N 0535721E ▲ ORSAR 260430N 0535730E							
	198° 017°	UNL FL 100 Class A, D	20	↓	Tehran Radar FREQ: 133.400 MHZ Traffic routing from LAR to KIS shall assign odd flight levels.		
	30.3 NM						
	198° 018°						
	22.7 NM						
	198° 017°	UNL FL 50 Class A, D			Traffic routing from KIS to LAR shall assign even flight levels.		
	20.0 NM						
	177° 357°						
	12.2 NM						
	177° 357°						
	14.9 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
B547 RNAV 5 above FL285						
▲ PERSIAN GULF DVOR/DME(PRG) 272137.2N 0524552.0E	134° 314°	<u>UNL</u> FL 80	10	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 6300 FT (PRG-LVA)
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	45.6 NM 115° 295°	Class A, D				MOCA 2500 FT (LVA-SIR)
△ ALNOL 264106N 0533730E	16.3 NM 115° 295°	<u>UNL</u> FL 60 Class A, D				
▲ KISH ISLAND DVOR/DME (KIS) 263144.0N 0535713.9E	20.0 NM 136° 316°	<u>UNL</u> FL 50			←	
△ UKVUP 261940N 0540855E	16.0 NM 139° 319°					
△ IBNUX 261629N 0541143E	4.0 NM 137° 317°	Class A, D				
▲ SIRRI ISLAND DVOR/DME (SIR) 255452.5N 0543206.3E	28.3 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		
G55 RNAV 5 above FL285 ▲ ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E △ IBSAL 300631N 0484406E ▲ UKNAR 295538N 0490450E △ IBKUG 292601N 0500017E ▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E ▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E △ VATOB 285126N 0511636E △ KATUR 285639N 0512629E ▲ TOTNO 291052N 0515336E ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E								
	117° 297°	UNL FL 30 Class A, D	20	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 2800 FT (ABD-BUZ)		
	31.1 NM 118° 298°							
	21.0 NM 118° 298°							
	56.6 NM 118° 299°							
	19.2 NM 122° 302°							
	32.6 NM 100° 281°	UNL FL 100 Class A, D				MOCA 6200 FT (BUZ-KATUR)		
	24.4 NM 056° 236°	UNL FL 120 Class A, D						
	10.1 NM 056° 236°	UNL FL 130 Class A, C					MOCA 12500 FT (KATUR-SYZ)	
	27.7 NM 056° 237°							
	42.3 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
G202 RNAV 5 above FL285						
▲ RAGET 333048N 0455348E	078° 258°	<u>UNL</u> FL 130 Class A, D	20	↓		Baghdad FIR Tehran FIR Tehran Radar FREQ: 125.700 MHZ MOCA 10900FT (RAGET - KRD)
▲ ILAM DVOR/DME(ILM) 333442.3N 0462455.4E	26.2 NM 091° 271°					
▲ ALTET 333209N 0470047E	30.0 NM 091° 271°					
▲ MIPON 332801N 0475344E	44.4 NM 091° 271°					
▲ KHORAM ABAD DVOR/DME(KRD) 332603.1N 0481730.7E	20.0 NM 098° 278°	<u>UNL</u> FL 160 Class A, D				Tehran Radar FREQ: 126.900 MHZ MOCA 11000FT (KRD-GENUM)
▲ GENUM 332421N 0482701E	8.1 NM 098° 278°					MOCA 11200FT (GENUM-UKSIS)
▲ UKSIS 332159N 0484002E	11.2 NM 098° 278°					MOCA 15400FT (UKSIS-RASLA)
▲ NOTSA 331745N 0490315E	19.9 NM 098° 278°					
▲ RASLA 331202N 0493409E	26.5 NM 099° 279°	<u>UNL</u> FL 160 Class A, C				←
▲ UKITA 330657N 0500041E	22.8 NM 099° 279°					
△ BOMID 325904N 0504029E	34.3 NM 099° 279°					→ MOCA 12600FT (BOMID -MUSEM)
→ ▲ MUSEM 325701N 0505032E	→ 8.7 NM 099° 279°					→ MOCA 12000FT (MUSEM -IMRAG)
▲ IMRAG 325142N 0511643E	→ 22.7 NM 100° 280°	<u>UNL</u> FL 170 Class A, C				
▣ ESFAHAN DVOR/DME (ISN) 324449.1N 0514940.9E	28.6 NM 084° 264°					Tehran Radar FREQ: 125.700 MHZ
Cont.	34.0 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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
▲ PARUG 324704N 0522947E	084° 264°		20	↓		
△ LABOT 324839N 0530053E	26.0 NM 083° 264°					Tehran Control FREQ: 134.350 MHZ, MOCA 11700 FT (LABOT-ALNER)
▲ ALNER 325124N 0540202E	51.6 NM 084° 264°					MOCA 8700 FT (ALNER-MITET)
▲ MITET 325226N 0542850E	22.6 NM 084° 264°					
▲ NODLA 325330N 0545850E	25.2 NM 085° 265°	UNL FL 170				
▲ ORSOK 325502N 0554532E	39.2 NM 085° 265°	Class A, D				
▲ IMSOG 325636N 0564649E	51.5 NM 085° 265°					MOCA 11500 FT (IMSOG-ROSOS)
▲ VEGUN 325730N 0573552E	41.3 NM 085° 266°				←	
▲ ROSOS 325815N 0584814E	60.9 NM 086° 267°					
▲ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E	20.0 NM 100° 281°					
▲ KAMAR 323900N 0604400E	79.9 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 FREQ
				Odd	Even	
1	2	3	4	5		6
G208 RNAV 5 above FL285						
▲ ALRAM 374230N 0443736E	089° 269°	UNL FL 160 Class A, D	10	↓		Ankara FIR Tehran FIR Tehran Radar FREQ: 119.300 MHZ MOCA 12700 FT (ALRAM-UMH)
▢ UROMIYEH DVOR/DME (UMH) 374114.0N 0450503.7E	21.8 NM					
△ TOTBO 373455N 0452858E	104° 284°	UNL FL 200	20			MOCA 10800 FT (UMH-ZAJ) AWY G208 between ALRAM and UMH VOR/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.
△	20.0 NM					
	103° 283°	Class A, D				
▲ OTENA 373133N 0454134E	10.5 NM					
	103° 284°					
△ GETOB 371227N 0465129E	58.8 NM					
	104° 284°	FL280 FL160				
▲ AMBEX 370356N 0472143	25.6 NM					
	104° 285°	Class A, D				
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	50.5 NM					
	109° 290°	UNL FL 160				
△ LOXUB 363640N 0484942E	25.0 NM	Class A, D				
	109° 291°	UNL FL 180				
△ PAROT 361128N 0495841E	61.0 NM	Class A, D				
	124° 304°	FL280 FL130	10			
▲ GOLNU 355711N 0502052E	22.9 NM	Class A, C				
	124° 304°					
▲ VEBER 354209N 0504400E	24.0 NM					Tehran Control FREQ: 134.400 MHZ
	124° 304°					
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	27.9 NM	FL280 FL210 Class A				Tehran Control FREQ: 120.700 MHZ
	113° 294°					
▲ ELEDI 350136N 0520356E	49.3 NM					
	114° 294°					
△ RADAL 345423N 0522023E	15.3 NM					
	133° 314°	FL280 FL130				
Cont.	112.7 NM	Class A. D		↑		

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
▲ ROVAD 333131N 0535240E ▲ NODLA 325330N 0545850E ▲ SOGOT 324008N 0552339E ▲ NIVRA 315905N 0563810E ▲ DARBAND VOR/DME (DAR) 314659.4N 0565940.4E ▲ BOPAG 304413N 0584929E ▲ TOVUS 300643N 0595235E △ DAPAP 294630N 0602554E ◻ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E △ OBSEL 290706N 0611717E ▲ KEBUD 273552N 0625024E						
	120° 301°	FL280 FL130 Class A. D	10	↓		Tehran Control FREQ: 125.350 MHZ
	67.2 NM					
	120° 300°	FL280 FL110				MOCA 8900 FT (NODLA- DAR)
	24.8 NM	Class A. D				
	119° 300°					
	75.2 NM					
	120° 301°					
	21.9 NM					
	120° 301°	FL280 FL110 Class A. D				MOCA 10200 FT (DAR- ZDN)
	112.9 NM					
	122° 302°					
	66.1 NM					
	122° 303°					
	35.3 NM		20			
	123° 303°					
	30.0 NM				↑	
	135° 315°	FL280 FL150 Class A. D		↓		Unidirectional eastbound from ZDN to KEBUD MOCA 9400 FT (ZDN- KEBUD)
	30.0 NM					
	136° 317°	FL280 FL170 Class A. D	10			
	122.6 NM					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 MNML FLT ALT Airspace classification	Lateral limits (NM)	Direction of cruising levels		Remarks Controlling unit FREQ
				Odd	Even	
1	2	3	4	5		6
G452 RNAV 5 above FL285						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	075° 258°	<u>UNL</u> FL 190	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 13000 FT (SYZ-NALBI)
△ NALBI 294650N 0535357E	70.0 NM	Class A, C				
▲ RIKAS 295337N 0543224E	34.0 NM					Tehran Radar FREQ: 120.300 MHZ
▲ DAVUT 300214N 0552301E	44.7 NM		10			MOCA 12600 FT (DAVUT- GETIS)
△ GETIS 301145N 0562226E	52.4 NM					MOCA 11400 FT (GETIS -KER)
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	30.0 NM	<u>UNL</u> FL 190	20			Tehran Control FREQ: 123.900 MHZ MOCA 15900 FT (KER-ORDAD)
△ ALKES 301045N 0573025E	30.0 NM	Class A, D				
▲ ORDAD 300608N 0575454E	21.7 NM					
▲ SILKO 295558N 0584138E	41.7 NM					
△ ITBIR 293628N 0602030E	88.0 NM	Class A, D				
▣ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	30.0 NM	<u>UNL</u> FL 120				MOCA 9900 FT (ZDN-DERBO)
▲ DERBO 292542N 0611701E	20.3 NM	Class A, D			↑	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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
G482 RNAV 5 above FL285 ▲ TABRIZ DVOR/DME(TBZ) 380853.5N 0461246.6E △ PAPOK 384439N 0462105E ▲ MAGRI 385408N 0462300E						
	<u>006°</u> 185° 36.3 NM	<u>UNL</u> FL 200	10		↓	Tehran Radar FREQ: 119.300 MHZ Traffic routing from TBZ to MAGRI shall be assigned even flight levels. MOCA 12000 FT (TBZ-MAGRI)
	<u>004°</u> 184°	Class A, D				
	9.6 NM			↑		Tehran FIR Yerevan 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
G663 RNAV 5 above FL285 ▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E △ RAMIL 352909N 0584941E ▲ TASLU 342531N 0574131E ▲ PATEN 340825N 0572334E ▲ TABAS VOR/DME (TBS) 334021.2N 0565330.9E ▲ RIBEN 332902N 0563620E ▲ ALMUD 331758N 0561941E ▲ ORSOK 325502N 0554532E ▲ SOGOT 324008N 0552339E ▲ DANEM 322854N 0550717E △ BOMIT 321257N 0544414E ▲ YAZD VOR/DME (YZD) 315351.6N 0541657.7E △ BONEG 312826N 0535815E Cont.						
	218° 038°	UNL FL 190	20	↓	Tehran Radar FREQ: 118.900 MHZ MOCA 12000 (MSD- TBS)	
	60.0 NM	Class A, C				
	218° 037°	UNL FL 130				
	84.7 NM	Class A, D				
	217° 038°	UNL FL 130				
	22.6 NM	Class A, D				
	219° 038°					
	37.5 NM					
	228° 048°		Tehran Control FREQ: 125.350 MHZ MOCA 9200 (TBS-ORSOK)			
	18.3 NM					
	228° 048°					
	17.8 NM					
	228° 048°					
	36.7 NM					
	228° 048°		MOCA 12200 (ORSOK-YZD)			
	23.7 NM		Class A, D			
	228° 047°					
	17.8 NM					
	227° 047°					
	25.2 NM				MOCA 12300 (BOMIT-YZD)	
	227° 047°					
	30.0 NM					
	209° 029°		UNL FL 170		MOCA 15300 (YZD - BONEG)	
30.0 NM	Class A, D					
209° 029°						
38.2 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
▲ DEDAK 305600N 0533439E △ KINOT 303207N 0531731E ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E ▲ DASDO 285401N 0520551E △ DEPSU 283409N 0515047E ▲ IMDAT 274100N 0511100E ▲ ALSER 271047N 0504932E						
	209° 028°	<u>UNL</u> FL 170 Class A, D	20		↓	Tehran Radar FREQ: 133.400 MHZ MOCA 13000 FT (DEDAK-SYZ)
	28.1 NM					
	209° 029°	<u>UNL</u> FL 170 Class A, C				
	70.0 NM					
	211° 031°	<u>UNL</u> FL 130				MOCA 11700FT (SYZ-DASDO)
	46.2 NM			↑		
	211° 031°	Class A, C			↓	Unidirectional westbound from DASDO to ALSER MOCA 7900 FT (DASDO-IMDAT)
	23.8 NM					
	211° 031°	<u>UNL</u> FL 130 Class A, D				
	63.8 NM					
	210° 030°	<u>UNL</u> FL 50 Class A, D				MOCA 2500 FT (IMDAT-ALSER)
	35.7 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
G665 RNAV 5 above FL285						
▲ ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	097° 278°	UNL FL 50	20	↓		Tehran Radar FREQ: 126.900 MHZ MOCA 2500 FT (ABD-VATAN)
△ DEMPO 301717N 0484329E	26.6 NM 098° 279°	Class A, D				
▲ VATAN 300800N 0493533E	46.0 NM 099° 280°	UNL FL 170 Class A, D				MOCA 11900 FT (VATAN-SYZ)
△ BOTAS 295241N 0505515E	70.7 NM 100° 280°					
△ KAVIL 294820N 0511704E	19.4 NM 100° 280°	UNL FL 170 Class A, C				
▲ EGSIR 294615N 0512735E	9.5 NM 100° 280°					MOCA 12000FT (EGSIR-ITSIM)
△ ITSIM 294018N 0515708E	26.4 NM 100° 280°					MOCA 12000FT (ITSIM- SYZ)
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	34.2 NM 100° 281°	UNL FL 160 Class A, C				Tehran Radar FREQ: 133.400 MHZ MOCA 12000FT (SYZ-NANTO)
△ VAVAS 291650N 0535340E	70.0 NM 100° 281°					
▲ BOTUX 285828N 0552205E	79.4 NM 101° 282°					Tehran Radar FREQ: 120.300 MHZ
▲ SOLAK 285156N 0555215E	27.2 NM 102° 282°	UNL FL 160				
△ ASMET 284758N 0561019E	16.3 NM 102° 282°	Class A, D				
▲ NANTO 284140N 0563831E	25.6 NM 102° 282°					MOCA 15000 FT (NANTO-LOXOL)
▲ RIGUT 283136N 0572226E	39.9 NM 102° 283°					
Cont.	58.0 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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
▲ NABOX 281630N 0582601E	102° 283°	→ UNL FL 160	20	↓		Tehran Control FREQ: 123.900 MHZ
		→ Class A, D				
	127.1 NM					
	109° 290°	UNL FL 200				MOCA 13000 FT (LOXOL-ASVIB)
▲ ASVIB 265724N 0631812E	143.9 NM	Class A,D			↑	Tehran FIR
						Karachi FIR

Note1: Between SYZ DVOR/DME and BOTUX usable only from Sunset to Sunrise (HN)

Note2: 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
G666 RNAV 5 above FL285						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	<u>164°</u> 344°	<u>UNL</u> FL 130	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 12400 FT (SYZ-LAM)
△ KUPTO 282418N 0525432E	70.0 NM	Class A, C				
	<u>164°</u> 345°	<u>UNL</u> FL 130				
▲ LAMERD VOR/DME (LAM) 272222.2N 0531102.3E	63.8 NM	Class A, D				MOCA 6700 FT (LAM-LVA)
	<u>163°</u> 343°					
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	34.9 NM	<u>UNL</u> FL 80			↑	Unidirectional eastbound from LVA to ORSAR MOCA 2800 FT (LVA-ORSAR)
	<u>138°</u> 318°			↓		
▲ DATUT 263332N 0533538E	19.8 NM	Class A, D				
	<u>144°</u> 324°					
▲ ELIRA 262105N 0534502E	15.0 NM					
	<u>144°</u> 324°					
▲ ORSAR 260430N 0535730E	20.0 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
G667 RNAV 5 above FL285						
▲ PUTMA 374800N 0515736E						Turkmenbashi FIR
▲ GIVSI 371031N 0514109E	194° 014° 39.7 NM 194° 014°	UNL FL 150 Class A, D	10		↓	Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 3000 FT (PUTMA-GIVSI) MOCA 8500 FT (GIVSI-NSH)
▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E	32.5 NM 184° 004°	UNL FL 170				Note: Closed for over flight BTN NSH and TRN DVOR MOCA 16100 FT (NSH-NAGMO)
△ DANEB 362001N 0512408E	20.0 NM 184° 004°	Class A, D				
△ NAGMO 360214N 0512055E	18.0 NM 185° 005°	UNL FL 170 Class A, C				MOCA 15700 FT (NAGMO-TRN)
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	20.7 NM 227° 047°	UNL FL 100 Class A, C				Tehran Radar FREQ: 134.400 MHZ MOCA 10000 FT (TRN-RUS)
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	23.9 NM 221° 041°	UNL FL 90 Class A, C				MOCA 7600 FT (RUS-SAV)
▲ SOGOL 350829N 0503128E	26.1 NM 221° 041°					
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	10.5 NM 201° 021°			↑		Tehran Radar FREQ: 134.400 MHZ Unidirectional eastbound from AWZ to SAV MOCA 12200 FT (SAV- ARK)
→ ▲ PEDIX 344053N 0501020E	→ 22.5 NM 201° 021°	UNL FL 140 Class A, D				
▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E	36.2 NM 190° 010°					
▲ RASLA 331202N 0493409E	58.0 NM 190° 010°	UNL FL 150				Tehran Radar FREQ: 134.400 MHZ MOCA 14600 FT (RASLA- ALTAX)
▲ ALTAX 323014N 0492142E	43.1 NM 190° 010°	Class A, D UNL FL 170				MOCA 10900 FT (ALTAX-EGVAX)
▲ NAGRO 321015N 0491549E	20.6 NM 190° 010°	Class A, D				
Cont.	12.0 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
△ RABIM 315839N 0491225E	190° 010°	UNL FL 150 Class A, D				
△ EGVAX 314337N 0490802E	15.5 NM		10 ←	↑		MOCA 4700 FT (EGVAX -AWZ)
▲ AHWAZ DVOR/DME(AWZ) 312015.3N 0484552.5E	30.0 NM	UNL FL 50	→	↑		Tehran Radar FREQ: 126.900 MHZ MOCA 2600 FT (AWZ-ABD)
	203° 023°		→		↓	
△ GABSU 305319N 0483035E	30.0 NM	Class A, D				
	202° 022°					
▲ ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	34.2 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	
G669 RNAV 5 above FL285 ▲ NANPI 290457N 0493157E △ VELUT 291001N 0495341E ▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E △ IVERA 292303N 0511540E ▲ RUBAK 292617N 0514218E ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E							
	072° 252°	UNL FL 50 Class A, D	10	↓		Kuwait FIR	
	19.7 NM					072° 252°	Tehran FIR Tehran Radar FREQ: 128.750 MHZ MOCA 2600 FT (NANPI-KHG)
	072° 252°						
	22.9 NM					UNL FL 150 Class A, D	MOCA 7400 FT (KHG-IVERA)
	078° 259°	MOCA 12300 FT (IVERA-SYZ)					
	50.0 NM						
	079° 259°						
	23.4 NM	079° 260°					
	079° 260°						
46.6 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
G670 RNAV 5 above FL285						
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	003° 183°	UNL FL 30	20		↓	Tehran Radar FREQ: 132.500 MHZ Traffic routing from RST to LALDA shall be assigned even flight levels. MOCA 2600 FT (RST-LALDA)
△ MODIL 374925N 0494117E	30.0 NM 001° 181°					
→ ▲ RIKIS 380230N 0494311E	13.1 NM 001° 181°	Class A, D				Traffic routing from LALDA to RST shall be assigned odd flight levels. Tehran FIR
▲ LALDA 381615N 0494511E	13.8 NM					
				↑		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 FREQ
				Odd	Even	
1	2	3	4	5		6
G775 RNAV 5 above FL285 ▲ ORPAB 374200N 0583430E △ MIDMO 370543N 0590124E ▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E △ NOTSO 351416N 0593034E △ ASVIS 334633N 0591828E △ BOPEB 331913N 0591448E ▲ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E △ ODBES 323050N 0592556E ▲ ELOKA 312325N 0595922E △ LUDAX 295658N 0604101E ▲ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E						Ashgabat FIR
	145° 325°	UNL FL 160	20	↓		Tehran FIR Tehran Radar FREQ: 118.900 MHZ MOCA 11800 FT (ORPAB - MSD)
	42.1 NM	Class A, D				
	145° 326°	UNL FL 160				
	60.0 NM	Class A, C			↑	
	182° 003°	UNL FL 170		↓		Tehran Radar FREQ: 118.900 MHZ Traffic routing from MSD to BJD shall be assigned odd flight levels
	60.0 NM	Class A, C				
	183° 003°	UNL FL 140				MOCA 10800 FT (MSD-BJD)
	88.3 NM					
	183° 003°					
	27.5 NM		Class A, D			
	183° 003°					
	21.0 NM				↑	Traffic routing from BJD to MSD shall be assigned even flight levels
	154° 334°	UNL FL 130		↓		Tehran Control FREQ: 125.350 MHZ MOCA 11200 FT (BJD-ZDN)
	29.9 NM					
	154° 335°					
	73.1 NM		Class A, D			
	155° 336°					
	93.6 NM					
	155° 335°					
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
G781 RNAV 5 above FL285						
▲ BONAM 380300N 0441800E	110° 290°	UNL FL 150	10	↓		Ankara FIR Tehran FIR Tehran Radar FREQ: 119.300 MHZ MOCA 11300 FT (BONAM-UMH)
△ TUDNU 375301N 0444447E	23.4 NM 121° 301°	Class A, D				
◻ UROMIYEH DVOR/DME(UMH) 374114.0N 0450503.7E	20.0 NM 118° 299°					MOCA 8600 FT (UMH-ROVON)
△ TUBAR 373018N 0452609E	20.0 NM 119° 299°	UNL FL 130				
△ ROVON 371601N 0455322E	25.9 NM 099° 280°	Class A, D				MOCA 12300 FT (ROVON-ZAJ)
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	121.6 NM 088° 269°	UNL FL 260				MOCA 14400 FT (ZAJ-NSH)
▲ LABKA 364142N 0504342E	114.3 NM 088° 269°	Class A				
▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E	35.5 NM				↑	

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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
J3 RNAV 5 above FL285 ▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E △ ENASU 350816N 0500133E						Unidirectional eastbound airway
	004° 184°	UNL FL 200 Class A,D	10	↓	↓	Tehran Radar FREQ: 134.400 MHZ
	60.6NM					

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
J6 RNAV 5 above FL285 ▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E → ▲ PEGEN 343337N 0501239E Δ DEKBA 342145N 0500832E						
	→ 191° 011°	FL200 FL170 Class C, D	10		↓	Tehran Radar FREQ: 134.400 MHZ MOCA 10800 FT (SAV-PEGEN) MOCA 10300 FT (PEGEN-DEKBA)
	→ 28.6 NM 191° 011°				→	
	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
J7 RNAV 5 above FL285 △ PAROT 361128N 0495841E ▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E △ RADAL 345423N 0522023E						
	111° 292°	<u>UNL</u> FL 160 Class A, C	10	↓		Tehran Radar FREQ: 132.500 MHZ
	70.0 NM					
	128° 309°	<u>UNL</u> FL 130 Class A, C				Tehran Radar FREQ: 120.700 MHZ
	70.0 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
R462 RNAV 5 above FL285 ▲ DENDA 244224N 0605451E ▲ METBI 245556N 0612816E						Muscat FIR
	065° 245°	UNL FL 60	20	↓		Tehran FIR Tehran Radar FREQ: 132.100 MHZ MOCA 3500 FT (DENDA-METBI)
	33.3 NM	Class A, D			↑	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
R654 RNAV 5 above FL285						
	▲ MAGRI 385408N 0462300E	138° 319°	UNL FL 280	10	↓	Yerevan FIR
▲ DARUN 383339N 0464235E	25.6 NM 138° 318°	Tehran FIR Tehran Radar FREQ 119.300 MHZ MOCA 11300 FT (MAGRI-GODNA)				
▲ GODNA 382033N 0465457E	16.1 NM 138° 318°	MOCA 13000 FT (GODNA-ZAJ)				
▲ BUDED 375313N 0472032E	34.0 NM 138° 319°					
▲ DAMOS 372619N 0474521E	33.3 NM 139° 320°					
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	48.8 NM 132° 312°					
△ TULGU 362836N 0484235E	25.0 NM 132° 313°	UNL FL 130	20	←	Tehran Radar FREQ 132.500 MHZ	
→	→				→	MOCA 11800 FT (TULGU-SAV)
△ PAVET 352639N 0495301E	→ 84.2 NM 132° 312°	Class A, D UNL FL 130	10			
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	35.0 NM 156° 336°	Class A, C UNL FL 160				Tehran Radar FREQ: 134.400 MHZ MOCA 7500 FT (SAV- EGVEL)
△ EGVEL 344258N 0503005E	19.2 NM 157° 337°	Class A, C UNL FL 160				MOCA 13600 FT (EGVEL - PEKAM)
△ PEKAM 332904N 0510118E	78.3 NM 134° 315°	Class A, D UNL FL 150				MOCA 11400 FT (PEKAM-ISN)
▣ ESFAHAN DVOR/DME(ISN) 324449.1N 0514940.9E	60.0 NM 109° 289°	Class A, C UNL FL 160	20			Note: Closed for over flight from ISN to YZD MOCA 11300 FT (ISN-TOVTA)
△ LADAL 322226N 0525543E	60.0 NM 109° 290°	UNL FL 160				Tehran Control FREQ: 125.350 MHZ
△ TOVTA 320528N 0534421E	44.5 NM 109° 289°					MOCA 11600 FT (TOVTA-YZD)
▲ YAZD VOR/DME(YZD) 315351.6N 0541657.7E	30.0 NM 121° 301°					Class A, D MOCA 11300 FT (YZD-BOMUN)
Cont.	30.0 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	
Δ BOMUN 313648N 0544555E Δ UKVEV 310557N 0553718E Δ ALMOB 303434N 0562824E ▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E Δ ALKUL 295152N 0571535E ▲ PEDUK 285920N 0575447E ▲ NABOX 281630N 0582601E ▲ LADPA 265331N 0592514E Δ DUGLI 264014N 0593431E ▲ NAGES 262451N 0594514E Δ EGPOR 255210N 0600737E ▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E ▲ EGPIC 250811N 0603730E ▲ DENDA 244224N 0605451E	<u>122°</u> 302° 53.7 NM	<u>UNL</u> FL 160 Class A, D	20	↓	MOCA 11100 FT (BOMUN-UKVEV)		
	<u>122°</u> 303° 54.0 NM	<u>UNL</u> FL 180 Class A, D			MOCA 12500 FT (UKVEV-ALMOB)		
	<u>123°</u> 303° 30.0 NM				MOCA 11600 FT (ALMOB-KER)		
	<u>144°</u> 324°				MOCA 15600 FT (KER-ALKUL)		
	30.0 NM <u>144°</u> 325°				Tehran Control FREQ: 123.900 MHZ MOCA 15900 FT (ALKUL -PEDUK)		
	62.6 NM <u>145°</u> 325°				Tehran Radar FREQ: 120.300 MHZ MOCA 9300 FT (NABOX-CBH)		
	50.9 NM <u>146°</u> 326°	<u>UNL</u> FL 130					
	98.2 NM <u>146°</u> 326°					Class A, D	
	15.7 NM <u>146°</u> 327°						MOCA 4000 FT (CBH-DENDA)
	18.1 NM <u>147°</u> 327°						
	38.4 NM <u>147°</u> 328°				Tehran FIR Muscat FIR		
	30.0 NM <u>147°</u> 327°	Tehran FIR Muscat FIR					
	21.8 NM <u>147°</u> 328°					Tehran FIR Muscat FIR	
	30.2 NM						Tehran FIR Muscat 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							
R659 RNAV 5 above FL285 ▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E ▲ SOLIR 345648N 0514134E △ BOXAM 343749N 0515147E ▲ VAVIN 341709N 0520247E △ DAPOG 333744N 0522331E ▣ ESFAHAN DVOR/DME(ISN) 324449.1N 0514940.9E ▲ GIDEN 320039N 0520026E △ GESIP 314556N 0520359E △ KAVOT 304111N 0521922E ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E ▲ LAGSA 283306N 0522056E △ KATAG 282346N 0521841E ▲ DURSİ 271219N 0520144E ▲ KAVAM 265737N 0515818E ▲ MIDSI 264142N 0515442E													
	151° 331°	UNL FL 130 Class A, C	10		↓	Tehran Radar FREQ: 134.400 MHZ MOCA 12000 FT (TRN- SOLIR)							
	49.2 NM					MOCA 6400 FT (SOLIR- BOXAM)							
	151° 331°	UNL FL 200 Class A, D				MOCA 9800 FT (BOXAM-DAPOG)							
	20.7 NM				Unidirectional (westbound) from ISN to TRN. TFC routing from ISN to TRN shall be assigned even flight level.								
	153° 333°		↑	MOCA 12200 FT (DAPOG-ISN)									
	22.6 NM			20		↓	Tehran Radar FREQ: 126.900 MHZ MOCA 13400 FT (ISN-KAVOT)						
	153° 333°	UNL FL 160 Class A, D						↑	↓	MOCA 13200 FT (KAVOT-SYZ)			
	43.0 NM				UNL FL 150 Class A, C						↑	↓	Tehran Radar FREQ: 133.400 MHZ MOCA 11600 FT (SYZ-MIDSI)
	205° 025°		UNL FL 150 Class A, D										
	60.0 NM			UNL FL 130 Class A, C		↑	↓						
	165° 346°	UNL FL 130 Class A, C						↑	↓				
	45.0 NM				UNL FL 150 Class A, D						↑	↓	
	165° 346°		UNL FL 150 Class A, C										
	15.0 NM			UNL FL 130 Class A, D		↑	↓						
	166° 346°	UNL FL 130 Class A, D						↑	↓				
	65.9 NM				UNL FL 130 Class A, D						↑	↓	
	166° 346°		UNL FL 130 Class A, D										
	70.0 NM			UNL FL 130 Class A, D		↑	↓						
	189° 009°	UNL FL 130 Class A, D						↑	↓				
60.5 NM	UNL FL 130 Class A, D				↑						↓		
189° 009°			UNL FL 130 Class A, D										↑
9.5 NM				UNL FL 130 Class A, D		↑	↓						
190° 010°		UNL FL 130 Class A, D						↑	↓				
72.8 NM	UNL FL 130 Class A, D				↑						↓		
189° 009°			UNL FL 130 Class A, D										↑
15.0 NM				UNL FL 130 Class A, D		↑	↓						
189° 009°		UNL FL 130 Class A, D						↑	↓				
16.2 NM	UNL FL 130 Class A, D				↑						↓		

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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
R660 RNAV 5 above FL285						
▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E	317° 136°	UNL FL 170	20		↓	Tehran Radar FREQ: 132.500 MHZ
△ NABAX 360955N 0504816E	36.5 NM	Class A, C				MOCA 15600 FT (TRN-RST)
△ DEDLA 365620N 0500044E	317° 136°	UNL FL 170				
	60.1 NM					
	317° 137°	Class A, D				
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	30.0 NM					MOCA 13000 FT (RST-DASIS)
	283° 102°					
△ RALGO 372840N 0490112E	30.0 NM	UNL FL 160				
	282° 101°					
▲ BUDED 375313N 0472032E	83.6 NM	FL Class A, D				
	281° 101°					
△ RAKED 375621N 0470712E	11.0 NM					
	281° 101°					
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	45.0 NM					
	291° 110°					
▲ VUVAG 382529N 0452926E	37.9 NM	UNL FL 240				
	291° 110°					
△ BORES 382829N 0452137E	6.8 NM	Class A				
	291° 110°					
▲ DASIS 385435N 0441230E	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
R661 RNAV 5 above FL285						
▲ DULAV 385700N 0453800E	145° 326°	UNL FL 170	20	↓		Baku FIR Tehran FIR Tehran Radar FREQ: 119.300 MHZ
△ RABDI 384804N 0454431E	10.3 NM 146° 326°	Class A, D				MOCA 13300 FT (DULAV-TBZ)
▲ SIBVU 384444N 0454657E	3.8 NM 146° 326°					
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	41.2 NM 123° 304°	Class A, D UNL FL 150				MOCA 12100 FT (TBZ-ZAJ)
△ RUDAD 374045N 0465741E	45.0 NM 124° 305°	Class A, D				MOCA 12000 FT (ZAJ-RUS)
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	85.6 NM 118° 298°					
△ SUTBU 363324N 0484732	25.0 NM 118° 299°	Class A, D				Tehran Radar FREQ: 134.400 MHZ MOCA 6900 FT (RUS-VR)
△ MIVAK 355915N 0495324E	63.2 NM 118° 299°					
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	59.3 NM 094° 275°	Class A, C UNL FL 90				Tehran Radar FREQ: 120.700 MHZ MOCA 10100 FT (VR -DHN)
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	13.5NM 095° 276°	FL 90 Class A, C				
▲ VARAMIN NDB (VR) 352033.6N 0513813.8E	22.8NM 091° 272°	UNL FL 110				
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	53.4 NM	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
R784 RNAV 5 above FL285						
▲ NANPI 290457N 0493157E	<u>130°</u> 310°	UNL FL 150 Class A, D	30	↓		Kuwait FIR
▲ ALNIN 283306N 0501036E	46.5 NM <u>131°</u> 312°					Tehran FIR Tehran Radar FREQ: 128.750 MHZ MOCA 2500 FT (NANPI-EGMIT)
▲ IMDAT 274100N 0511100E	74.5 NM <u>120°</u> 301°					Tehran Radar FREQ: 133.400 MHZ
▲ DURSI 271219N 0520144E	53.4 NM <u>120°</u> 300°					MOCA 3000 FT (EGMIT-ORSAR)
▲ PEGET 270434N 0521515E	14.3 NM <u>120°</u> 301°					
△ EGMIT 263340N 0530825E	56.6 NM <u>121°</u> 301°					
▲ LEVNA 261901N 0533312E	26.6 NM <u>121°</u> 301°					
▲ ORSAR 260430N 0535730E	26.2 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
R794 RNAV 5 above FL285						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	→ 320° 139°	UNL FL 220 Class A	5	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 20400 FT (DHN-NORSA)
→ ▲ NORSA 361633N 0514853E	→ 75.5 NM 319° 139°					→ MOCA 13200 FT (NORSA-NSH)
▲ NOSHHR DVOR/DME (NSH) 363946.1N 0512751.4E	28.7 NM 340° 160°					Tehran Radar FREQ: 132.500 MHZ MOCA 6700 FT (NSH-ULDUS)
▲ ULEXI 374344N 0510631E	66.2 NM 340° 160°	UNL FL 100 Class A, D	10			
▲ ULDUS 380000N 0510100E	16.8 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
W1 RNAV 5 above FL285 ▲ JASK NDB (JSK) 253905.8N 0574700.5E △ MELMI 264625N 0572300E						
	341° 160°	<u>UNL</u> FL 120	20		↓	Tehran Radar FREQ: 120.300 MHZ
	70.5 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W2 RNAV 5 above FL285 ⚠ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E ⚠ PEGOS 285915N 0605140E ▲ LOXOL 274556N 0604538E ▲ IRAN SHAHR VOR/DME (ISR) 271403.8N 0604320.4E ▲ GOKSO 265542N 0604012E ▲ GENEV 264247N 0603757E ⚠ EGLES 255614N 0602954E ▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E ▲ KINOX 250945N 0600942E ▲ MESPO 244817N 0595040E						
	182° 002°	UNL FL 130 Class A, D	20	↓	Tehran Control FREQ: 123.900 MHZ MOCA 11200 FT (ZDN-ISR)	
	30.0 NM					
	182° 003°					
	73.0 NM	UNL FL 100				
	183° 003°					Class A, D
	32.2 NM					
	187° 007°	UNL FL 100				
	18.6 NM					
	187° 007°					Class A, D
	13.1 NM					
	187° 008°					
	47.1 NM	UNL FL 160				
	188° 008°		Class A, D			
	30.0 NM					
218° 038°	Class A, D					
21.8 NM						
218° 037°						
27.6 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W3 RNAV 5 above FL285						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	308° 128°	UNL FL 170 Class A, C	20	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 12100 FT (SYZ-KISED)
▲ REXEB 295211N 0520929E	30.0 NM 308° 127°					
△ KISED 301820N 0513428E	40.0 NM 309° 129°					
△ RADID 302444N 0512613E	9.6 NM 307° 126°	UNL FL 170 Class A, D				MOCA 13700 FT (KISED-RABIM)
▲ KIXOB 310917N 0502459E	69.0 NM 306° 126°					
▲ IMKEN 314407N 0493611E	54.3 NM 302° 122°					
△ RABIM 315839N 0491225E	24.9 NM 300° 120°					MOCA 5000 FT (RABIM-DZF)
△ DARON 320944N 0485244E	20.0 NM 300° 120°					
▲ DEZFUL NDB (DZF) 322616.9N 0482241.8E	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 FREQ
				Odd	Even	
1	2	3	4	5		6
W5 RNAV 5 above FL285						
▲ YAZD VOR/DME(YZD) 315351.6N 0541657.7E	132° 313°	UNL FL 120 Class A, D	20	↓		Tehran Control FREQ: 125.350 MHZ MOCA 11300 FT (YZD-VEDOP)
△ VEDOP 313216N 0544126E	30.0 NM 133° 315°					
△ DAPOX 303245N 0554728E	82.1 NM 134° 314°					
▲ RAFSANJAN NDB/DME(RAF) 301809.9N 0560320.3E	20.0 NM 202° 022°					
▲ SIRJAN VOR/DME (SRJ) 293322.5N 0553937.0E	49.2 NM	Class A, D		↑		Tehran Radar FREQ: 120.300 MHZ MOCA 13100 FT (RAF-SRJ)

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
W6 RNAV 5 above FL285						
▢ ESFAHAN DVOR/DME (ISN) 324449.1N 0514940.9E	239° 059°	UNL FL 180 Class A, C	20		↓	Tehran Radar FREQ: 126.900 MHZ
▲ EGPAT 323330N 0512409E	24.3 NM 238° 058°				←	MOCA 11400 FT (EGPAT - GADLU)
→ ▲ TOVAK 322423N 0510349E	19.4 NM 238° 058°				→	
▴ GADLU 321645N 0504656E	16.2 NM 238° 058°					MOCA 15100 FT (GADLU-RADOV)
▲ RADOV 315136N 0495212E	52.9 NM 237° 057°	Class A, D UNL FL 160				MOCA 9400 FT (RADOV-IMKEN)
▲ IMKEN 314407N 0493611E	15.6 NM 238° 058°	Class A, D UNL FL 100				MOCA 6800 FT (IMKEN-AWZ)
▴ ITIBI 313451N 0491631E	19.1 NM 238° 058°	Class A, D UNL FL 70				
▲ AHWAZ DVOR/DME(AWZ) 312015.3N 0484552.5E	30.0 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W7 RNAV 5 above FL285						
△ EGVEL 344258N 0503005E	→ 215° 035°	UNL FL 170 Class A, D	20		↓	Tehran Radar FREQ: 134.400 MHZ MOCA 10900 FT (EGVEL-SIVAR)
→ ▲ SIVAR 342741N 0501432E	→ 19.9 NM 215° 035°					
△ DEKBA 342145N 0500832E	7.7 NM 222° 042°					
▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E	19.7 NM 214° 034°					Tehran Radar FREQ: 126.900 MHZ
▲ NOTSA 331745N 0490315E	64.4 NM 210° 030°					MOCA 12300 FT (NOTSA-DZF)
▲ DAPEN 325126N 0484159E	31.8 NM 209° 029°					
▲ DEZFUL NDB (DZF) 322616.9N 0482241.8E	30.0 NM					
				↑		
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
W9 RNAV 5 above FL285						
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	237° 057°	<u>UNL</u> FL 140	10		↓	Tehran Radar FREQ: 132.500 MHZ MOCA 11800 FT (RST-ZAJ)
△ EGRUD 370521N 0490345E	30.0 NM	Class A, D				
	236° 057°		20			
▲ ASPOK 365918N 0484948E	12.9 NM	<u>UNL</u> FL 140				
	237° 056°	Class A, D				
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	26.1 NM			↑		
	155° 335°	<u>UNL</u> FL 120		↓		MOCA 10900 FT (ZAJ-GONVA)
△ GONVA 360557N 0484044E	43.8 NM					
	177° 357°	Class A, D				MOCA 11500 FT (GONVA-HAB)
	53.4 NM					
▲ HAMADAN NOGEH VORTAC (HAB) 351234.0N 0483931.0E	190° 010°				↑ ↓	Tehran Radar FREQ: 125.700 MHZ MOCA 14200 FT (HAB-IVELI)
→ ▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E	21.2 NM 184° 004°	<u>UNL</u> FL 150				
△ IVELI 343459N 0482952E	17.2 NM 177° 358°					MOCA 13900 FT (IVELI-GENUM)
▲ GENUM 332421N 0482701E	70.6 NM 178° 358°	Class A, D				MOCA 11800 FT (GENUM-DAPIK)
△ DAPIK 325554N 0482553E	28.4 NM 182° 002°					MOCA 14200 FT (DAPIK-DZF)
▲ DEZFUL NDB (DZF) 322616.9N 0482241.8E	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 FREQ
				Odd	Even	
1	2	3	4	5		6
W10 RNAV 5 above FL285 ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E △ SITEN 290207N 0525532E △ TAGTA 284311N 0533217E ▲ LORIX 280620N 0544331E ▲ DOBAS 275323N 0550803E △ MOBON 274414N 0552513E ▲ OBRUN 272454N 0555916E ▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E △ MELMI 264625N 0572300E ▲ SEVDA 260217N 0590549E △ EGNUX 254006N 0595525E ▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E						
	148° 329°	UNL FL 130 Class A, C	20	↓	Tehran Radar FREQ: 133.400 MHZ MOCA 12700 FT (SYZ-SITEN) MOCA 12300 FT (SITEN-MOBON)	
	35.0 NM					
	118° 298°					
	37.2 NM					
	117° 298°					
	72.7 NM		UNL FL 130 Class A, D			10
	118° 298°					
	25.2 NM					
	118° 298°					
	17.7 NM		20			Tehran Radar FREQ: 120.300 MHZ MOCA 9600 FT (MOBON-BND) MOCA 8900FT (BND-CBH)
	120° 300°				UNL FL 130 Class A, C	
	35.9 NM					
	120° 300°					
	24.1 NM	UNL FL 100				
	113° 294°					
	60.0 NM	Class A, C				
	114° 295°					
	102.1 NM	UNL FL 100				
	115° 296°					
	49.9 NM	Class A, D				
116° 296°						
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 FREQ
				Odd	Even	
1	2	3	4	5		6
W13 RNAV 5 above FL285 ▲ VARAMIN NDB (VR) 352033.6N 0513813.8E △ ELUSI 343135N 0512148E ▲ GOLSO 340235N 0511213E △ PEKAM 332904N 0510118E						
	191° 011°	UNL FL 200 Class A, C	10	↓		Tehran Radar FREQ: 134.400 MHZ Unidirectional westbound. TFC routing from VR to PEKAM shall be assigned odd flight level
	50.8 NM					MOCA 12600FT (ELUSI-GOLSO)
	191° 011°	UNL FL 160				
	30.0 NM	Class A, D				MOCA 13600FT (GOLSO-PEKAM)
	191° 011°					
34.7 NM						
Note1: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits. Note2: During OID 120W ACT MNM FLT ALT on AWY W13 will be FL 240.						

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
W23 RNAV 5 above FL285						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	247° 067°	UNL FL 140	20	↓	I	Tehran Radar FREQ: 128.750 MHZ MOCA 12500 FT (SYZ-BUZ)
△ KUGVU 290747N 0512020E	70.0 NM	Class A, C				
	245° 065°	UNL FL 140				
▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E	29.0 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W30 RNAV 5 above FL285 ▲ IMDAT 274100N 0511100E ▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E △ MEMPI 293113N 0500618E ▲ VATAN 300800N 0493533E ▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E △ GODMO 305426N 0485834E ▲ AHWAZ DVOR/DME(AWZ) 312015.3N 0484552.5E						
	332° 151°	UNL FL 150	10	↓	Tehran Radar FREQ: 128.750 MHZ MOCA 2600 FT (IMDAT-MAH)	
	105.0 NM	Class A, D	20			
	321° 141°	UNL FL 40				
	19.0 NM					
	321° 141°					
	45.4 NM					
	315° 135°					
	34.2 NM					
	334° 154°				MOCA 2800 FT (MAH-AWZ)	
	22.8 NM					
	334° 154°					
28.0 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
W31 RNAV 5 above L285 △ EGVAX 314337N 0490802E ▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E △ BOPIS 302821N 0484251E ▣ ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E						
	175° 355°	UNL FL 100	10	↓	Tehran Radar FREQ: 126.900 MHZ	
	70.2 NM	Class A, D		↑		
	255° 074°	UNL FL 40 Class A, D		↓	MOCA 2600 FT (MAH-ABD)	
	23.1 NM					
	254° 073°					
	26.2 NM		↑	Tehran 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
W32 RNAV 5 above FL285 ▲ ROVAD 333131N 0535240E ▲ PURKI 331140N 0535657E ▲ ALNER 325124N 0540202E △ BONOL 322314N 0540929E ▲ YAZD VOR/DME(YZD) 315351.6N 0541657.7E △ GADPU 312709N 0543302E ▲ DESLA 304538N 0545744E ▲ DAVUT 300214N 0552301E ▲ SIRJAN VOR/DME (SRJ) 293322.5N 0553937.0E ▲ SOLAK 285156N 0555215E ▲ ASMUK 280952N 0560453E ▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E						
	166° 346°	UNL FL 150 Class A, D	20	↓	Tehran Control FREQ: 125.350 MHZ	
	20.2 NM				MOCA 8700 FT (PURKI -YZD)	
	165° 345°					
	20.7 NM					
	164° 344°					
	28.8 NM					
	164° 344°					
	30.0 NM	UNL FL 150 Class A, D			MOCA 13700 FT (YZD-GADPU)	
	149° 330°					
	30.0 NM				MOCA 13600 FT (GADPU-SRJ)	
	150° 331°					
	46.6 NM				Tehran Radar FREQ: 120.300 MHZ	
	150° 331°					
	48.5 NM					
	150° 331°					
	32.3 NM	MOCA 12400 FT (SRJ-BND)				
	162° 343°					
	42.8 NM	UNL FL 170 Class A, D				
	163° 343°					
43.4 NM	UNL FL 170					
163° 344°						
60.0 NM	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
W134 RNAV 5 above FL285 ▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E ▲ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E						
	167° 347°	<u>UNL</u> FL 130	20	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 10300 FT (BRD-SBZ)
	80.3 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W137 RNAV 5 above FL285						
▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E	094° 275°	UNL FL 120 Class A, D	20	↓		Tehran Control FREQ: 118.900 MHZ MOCA 11100 FT (DAR-ZAL)
▲ KUVAV 313426N 0585747E	101.3 NM					
	099° 280°					
▲ ELOKA 312325N 0595922E	53.7 NM					
	100° 281°					
▲ ZABOL VOR/DME(ZAL) 310543.9N 0613230.8E	81.6 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
W139 RNAV 5 above FL285 ▲ BAM VOR/DME (BAM) 290438.9N 0582730.0E ▲ ORDAD 300608N 0575454E ▲ EGRES 304855N 0573144E ▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E △ SIMDU 325648N 0565611E △ GEVOR 331415N 0565517E ▲ TABAS VOR/DME(TBS) 334021.2N 0565330.9E						
	333° 152°	UNL FL 110	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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
W143 RNAV 5 above FL285						
▲ LAR DVOR/DME (LAR) 274030.7N 0542454.7E	252° 072°	UNL FL 100 Class A, D	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 9200 FT (LAR-LAM)
▲ ROTAL 273241N 0535320E	29.1 NM 252° 072°					
△ SOKEV 272856N 0533749E	14.3 NM 252° 072°					
▲ LAMERD VOR/DME (LAM) 272222.2N 0531102.3E	24.7 NM 266° 085°					MOCA 7300 FT (LAM-DURSI)
▲ PERSIAN GULF DVOR/DME (PRG) 272137.2N 0524552.0E	22.4 NM 254° 074°					
▲ MIXEM 271520N 0521556E	27.3 NM 254° 074°					
▲ DURSI 271219N 0520144E	13.0 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
W144 RNAV 5 above FL285						
▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E	017° 197°	UNL FL 140 Class A, D	10	↓		Tehran Radar FREQ: 128.750 MHZ Traffic routing from BUZ to GESIP shall assign even flight levels MOCA 12200 FT (BUZ-YSJ)
△ SESMA 293441N 0510509E	40.0 NM 017° 197°					
△ RADID 302444N 0512613E	53.2 NM 017° 197°					
▲ YASOUJ DVOR/DME (YSJ) 304136.0N 0513324.1E	18.0 NM 018° 198°	UNL FL 170				MOCA 15900 FT (YSJ-SODUR)
→ ▲ SODUR 305436N 0513931E	→ 14.0 NM → 018° → 198°					
▲ MIPUL 310010N 0514209E	→ 6.0 NM 019° 199°					
▲ OBTUX 312223N 0515242E	24.0 NM 019° 199°	Class A, D				MOCA 13600 FT (SODUR-MIPUL)
△ GESIP 314556N 0520359E	25.4 NM					
				↑		Traffic routing from GESIP to BUZ shall assign odd flight levels

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
W146 RNAV 5 above FL285						
▲ GHESHM ISLAND NDB/DME(KHM) 264547.1N 0555427.6E	220° 040°	UNL FL 50 Class A, D	10	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 5000 FT (KHM-ABM)
▲ NANPA 262301N 0553136E	30.6 NM 220° 040°					
▲ KAVEG 261608N 0552434E	9.3 NM 219° 039°					
▲ VELIX 260327N 0551200E	17.0 NM 219° 039°					
▲ ABUMUSA ISLAND NDB/DME (ABM) 255240.8N 0550122.1E	14.4 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
W150 RNAV 5 above FL285 Δ PAXID 361703N 0502021E Δ BONUP 363552N 0503041E ▲ RAMSAR NDB/DME (RSR) 365412.5N 0504049.6E						
	021° 201°	UNL FL 160	20	↓		Tehran Radar FREQ: 132.500 MHZ MOCA 15100 FT (PAXID-RSR)
	20.8 NM	Class A, D				
	021° 201°	UNL FL 160				
	20.0 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
W151 RNAV 5 above FL285 ▲ ARDABIL VOR/DME (ARB) 381856.5N 0482605.1E △ ITUPA 383436N 0480220E △ TUKDO 384626N 0474446E ▲ PARSABADE MOGHAN VOR/DME (PAD) 393611.2N 0475323.8E						
	306° 126°	UNL FL 110	10		↓	Tehran Radar FREQ: 119.300 MHZ MOCA 9600 FT (ARB-PAD)
	25.0 NM					
	307° 127°	Class A, D				
	17.4 NM		20	↑ ↓		
	002° 182°					
	50.2 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
W152 RNAV 5 above FL285						
▲ ABUMUSA ISLAND NDB/DME (ABM) 255240.8N 0550122.1E	345° 164°	UNL FL 50	20		↓	Tehran Radar FREQ: 133.400 MHZ MOCA 3500 FT (ABM-LEN)
▲ MIRIT 262013N 0545411E	28.3 NM 345° 165°	Class A, D				
▲ BANDAR LENGEH VOR/DME(LEN) 263210.1N 0545104.2E	12.3 NM 318° 138°	UNL FL 100				MOCA 8300 FT (LEN-ROTAL)
▲ ROSUM 264741N 0543637E	20.2 NM 318° 137°					
△ NABEX 271157N 0541334E	31.8 NM 318° 138°	Class A, D				
▲ ROTAL 273241N 0535320E	27.5 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
W154 RNAV 5 above FL285 ▲ GIBAB 353213N 0543656E ▲ UKPOD 353437N 0540603E ▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E ▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E ▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E ▲ SOGOL 350829N 0503128E ▲ PEDAR 350826N 0502206E △ ENASU 350816N 0500133E △ IVELI 343459N 0482952E △ ASRIL 342813N 0474513E ▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E △ MOKAB 340113N 0465103E ▲ ILAM DVOR/DME (ILM) 333442.3N 0462455.4E						
	271° 092°	UNL FL 130 Class A, D	10			Tehran Radar FREQ: 118.900 MHZ MOCA 13000 FT (GIBAB-DHN) Unidirectional eastbound from DHN to GIBAB
	25.2 NM					
	250° 069°					
	70.4 NM			↑		
	288° 107°	UNL FL 130 Class A, C			↓	
	75.2NM					
	227° 047°	UNL FL 100 Class A, C				Tehran Radar FREQ: 134.400 MHZ
	23.9 NM					
	221° 041°	UNL FL 90 Class A, C				
	26.1 NM					
	265° 085°	UNL FL 200 Class A, C				
	7.7 NM					
	265° 085°					
	16.8 NM					
	242° 061°	UNL FL 180 Class A, D				
	82.2 NM					
	255° 075°	UNL FL 160 Class A, D				
	37.4 NM					
	251° 071°					
	30.0NM					
	216° 036°	UNL FL 140 Class A, D				
	24.8 NM					
	216° 036°					
	34.3NM			↑		
Note 1: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits. Note 2: W154 Between DHN VOR/DME and GIBAB is useable when B411 is closed due to activation of OID117.						

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
W155 RNAV 5 above FL285 ▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E △ DASBU 370501N 0544436E ▲ KALALEH NDB (KLH) 372317.1N 0552723.8E						
	058° 238°	UNL FL 40	20	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 3200 FT (GGN-DASBU)
	20.0 NM	Class A, D				
	057° 237°	UNL FL 60				MOCA 5800 FT (DASBU-KLH)
	38.8 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
W156 RNAV 5 above FL285						
▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E	127° 307°	UNL FL 150	20	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 12600 FT (GGN-BONUL)
△ BONUL 364234 0544112E	20.0 NM	Class A, D				
	127° 307°	UNL FL 160				
▲ SHAHROUD VOR/DME(SHR) 362522.3N 0550519.5E	25.5 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 FREQ		
				Odd	Even			
1	2	3	4	5		6		
W158 RNAV 5 above FL285 ▲ PAREX 360527N 0465154E ▲ TAVNI 353807N 0465631E ▲ NOLTO 351435N 0465623E △ BOPEL 345005N 0470451E ▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E ▲ BUBAV 335934N 0473612E ▲ KHORAM ABAD DVOR/DME(KRD) 332603.1N 0481730.7E								
	<u>167°</u> 347°	UNL FL 200 Class A,D	10	↓	Tehran Radar FREQ: 125.700 MHZ			
	27.6 NM							
	<u>175°</u> 356°							
	23.5 NM	UNL FL 140 Class A, D				MOCA 13300 FT (NOLTO-KMS)		
	<u>159°</u> 339°							
	25.4 NM							
	<u>168°</u> 348°	Class A, D	20			MOCA 13000 FT (KMS-KRD)		
	30.0 NM							
	<u>130°</u> 310°							
	30.0 NM	UNL FL 160 Class A, D						
	<u>129°</u> 310°							
	48.0 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
W159 RNAV 5 above FL285						
▲ RERET 333336 0532651E	092° 272°	UNL FL 130 Class A, D	20	↓		Tehran Radar FREQ: 125.350 MHZ
▲ ROVAD 333131N 0535240E	21.7 NM 092° 273°					
▲ ALMUD 331758N 0561941E	123.8 NM 093° 274°					
▲ OTISO 331451N 0564936E	25.2 NM 094° 274°					
▲ ROXEK 331123N 0572138E	27.0 NM 094° 274°					
→ ▲ KULTI 330858N 0574311E	→ 18.2 NM 094° 275°					
△ TULKU 330102N 0585024E	57.0 NM 095° 276°					
▲ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E	18.3 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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
W161 RNAV 5 above FL285 ▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E ▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E ▲ VEBER 354209N 0504400E ▲ GOLNU 355711N 0502052E △ PAROT 361128N 0495841E △ ALTIV 364359N 0494823E △ RARTA 365030N 0494619E ▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E						
	275° 094°	UNL FL 90	16	↓		Tehran Radar FREQ: 134.400 MHZ
	13.5 NM	Class A, C				MOCA 9200 FT (RUS - VEBER)
	328° 147°	UNL FL 150				
	17.6 NM	Class A, C				
	304° 124°	UNL FL 150				
	24.0 NM	Class A, C				
	304° 124°					
	22.9 NM		14			Tehran Radar FREQ 132.500 MHZ
	340° 160°	UNL FL 160				MOCA 10400 FT (PAROT-ALTIV)
	33.5 NM	Class A, D				MOCA 10900 FT (ALTIV-RARTA)
	340° 160°	UNL FL 160				MOCA 10900 FT (RARTA-RST)
	6.7 NM	Class A, D				
	340° 160°	UNL FL 140				
	30.0 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W162 RNAV 5 above FL285 ▲ DAPIN 342034N 0570413E ▲ ASRUX 350708N 0575223E △ EMESA 354605N 0583337E ▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E						
	036° 217°	<u>UNL</u> FL 180	10	↓	I	Tehran Radar FREQ: 118.900 MHZ MOCA 8800 FT (DAPIN-ASRUX)
	61.1 NM	Class A, D				MOCA 10200 FT (ASRUX-EMESA)
	037° 217°					
	51.5 NM	<u>UNL</u> FL 180				MOCA 11700 FT (EMESA-MSD)
	058° 238°					
	60.0 NM	Class A, C		↑		
Note: Reporting points on TMA/ CTR boundaries are compulsory within TMA/ CTR limits.						