

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 FREQ
				Odd	Even	
1	2	3	4	5		6
A416 RNAV 5 above FL285						
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	079° 260°	UNL FL 200 Class A, D	10	↓		Tehran Radar FREQ: 132.500 MHZ
△ EGVON 381647N 0475421E	80.2 NM 080° 260°					
▲ ARDABIL VOR/DME (ARB) 381856.5N 0482605.1E	25.0 NM 132° 313°	UNL FL 130				MOCA 18000FT (TBZ-ARB)
△ GIVTA 380050N 0484744E	25.0 NM 132° 313°					
△ GABMI 374115N 0491052E	26.8 NM 132° 312°	Class A, D				MOCA 12200FT (ARB-RST)
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	30.0 NM 112° 292°					
△ KOBUB 370621N 0501031E	30.0 NM 112° 292°	UNL FL 90 Class A,D				MOCA 9000FT (RST-KOBUB)
△ EGMAN 370311N 0501827E	6.9 NM 112° 292°	UNL FL 130				MOCA 12600FT (KOBUB-RSR)
▲ RAMSAR NDB/DME (RSR) 365412.5N 0504049.6E	20.0 NM 106° 286°					
△ ALKUP 364702N 0510409E	20.0 NM 106° 286°	Class A, D				MOCA 9000 FT (RSR-NSR)
▲ NOSHAHR DVOR/DME (NSR) 363946.1N 0512751.4E	20.4 NM 086° 266°					
△ IMKER 363938N 0515239E	20.0 NM 086° 266°	UNL FL 100 Class A, D				Tehran Radar FREQ: 120.700 MHZ
<i>Cont.</i>	33.3 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	086° 266°	UNL FL 100	10	↓		Tehran Radar FREQ: 120.700 MHZ
	30.0 NM	Class A, D				
▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E	069° 250°	UNL FL 70				MOCA 6600 FT (DNZ-GGN)
	30.0 NM					
△ DATOL 364717N 0534706E	069° 249°					
	30.0 NM					
▲ IMPIR 364958N 0535846E	9.7 NM	Class A, D				
	068° 249°					
▲ GORGAN DVOR/DME (GGN) 365544.7N 0542233.3E	20.0 NM	UNL FL 160	16			MOCA 11700 FT (GGN-LOVEN)
	101° 282°					
▲ LOVEN 363926N 0553355E	59.6 NM	Class A, D				MOCA 10200 FT (LOVEN-SBZ)
	102° 282°					
▲ ODKOL 363136N 0560702E	27.8 NM	Class A, D				
	102° 283°					
▣ SABZEVAR VOR/DME (SBZ) 361011.0N 0573414.9E	73.6 NM	UNL FL 160		↓	↑	Tehran Radar FREQ: 120.700 MHZ Unidirectional eastbound from SBZ to MSD.
	109° 290°					
▲ LOXED 355854N 0580609E	28.2 NM	Class A, D	10			
	078° 258°	UNL FL 130				
△ RIBUX 360112N 0582647E	16.8 NM	Class A, D				
	073° 254°	UNL FL 130				
▲ 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	148° 329°	<u>UNL</u> FL 130	20	↓		Tehran Radar FREQ: 133.400 MHZ
→ △ SITEN 290207N 0525532E	35.0 NM 148° 329°	Class A, C				
→ ▲ KASOL 283147N 0531533E	34.9 NM 160° 340°					
→ △ SOKEV 272856N 0533749E	65.7 NM 160° 340°	CLASS A, D				
→ ▲ PURNA 265035N 0535110E	40.0 NM 160° 340°					
▲ KISH ISLAND VOR/DME (KIS) 263130.6N 0535744.7E	20.0 NM 179° 359°	<u>UNL</u> FL 50				
▲ ORSAR 260430N 0535730E	27.1 NM	Class A, D			↑	
					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 FREQ
				Odd	Even	
1	2	3	4	5		6
A422 RNAV 5 above FL285						
▣ UROMIYEH DVOR/DME(UMH) 374114.0N 0450503.7E	065° 245°	UNL FL 100 Class A, D	10	↓	Tehran Radar FREQ: 132.500 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°					UNL FL 220 Class A
▲ MURID 382744N 0463525E	25.9 NM 038° 218°	UNL FL 220 Class A				
▲ DARUN 383339N 0464235E	8.2 NM 038° 219°					
△ DASDA 384135N 0465214E	11.0 NM 039° 219°					
▲ PARSABAD E MOGHAN NDB (PAD) 393442.7N 0475802.8E	73.7 NM 054° 234°					
▲ PARSU 393748N 0480448E	6.1 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	246° 066°	UNL FL 120	20		↓	Karachi FIC Tehran FIR Tehran Control FREQ: 123.900 MHZ
◻ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	13.2 NM 239° 059°	Class A, D				
▲ ULOVI 291948N 0603429E	19.5 NM 239° 059°					
◻ DANOV 291444N 0602357E	10.5 NM 239° 059°	UNL FL 150				MOCA 13000 FT (ZDN-BND)
▲ PEKES 285929N 0595221E	31.5 NM 239° 058°	Class A, D				
▲ NABOX 281630N 0582601E	87.1 NM 238° 058°					Tehran Radar FREQ: 120.300 MHZ
◻ DAVEP 274226N 0572009E	67.4 NM 238° 057°	UNL FL 150				
▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E	60.0 NM 221° 041°	Class A, C				MOCA 5000 FT (BND-KHM)
▲ PAVON 270206N 0561149E	13.3 NM 222° 041°	Class A, C	10			
▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E	22.5 NM 270° 089°				↑ ↓	Tehran Radar FREQ: 133.400 MHZ Unidirectional westbound from KHM to MIDSI
▲ SERDU 264715N 0545757E	50.5 NM 269° 089°	UNL FL 100				
▲ ROSUM 264741N 0543637E	19.1 NM 269° 088°	Class A, D				
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	67.2 NM 263° 082°					
Cont.	60.3 NM					Tehran FIR

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				Odd	Even	
1	2	3	4	5		6
→ Δ KAPIP 264322N 0521403E ▲ MIDSJ 264142N 0515442E						
	262° 082°	UNL FL 100			↓	Tehran Radar FREQ: 133.400 MHZ Unidirectional westbound from KHM to MIDSJ
	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						
▲ NAZAR 363929N 0601926E	228° 048°	UNL FL 160	10		↓	Ashgabat FIR Tehran FIR Tehran Radar FREQ: 120.700 MHZ
▲ MASHHAD DVOR/DME(MSD) 361352.2N 0593902.0E	41.4 NM 269° 088°	Class A, C UNL FL 140		↑	↓	Unidirectional westbound from MSD to RAGET
△ ORDOB 361609N 0582504E	60.0 NM 258° 077°	Class A, C				
▲ SABZEVAR VOR/DME (SBZ) 361011.0N 0573414.9E	41.5 NM 257° 077°					
▲ MITUS 360535N 0565748E	30.0 NM 257° 076°				→	MOCA 10000 FT (MITUS-ULANO)
▲ ULANO 355228N 0552043E	79.9 NM 256° 075°				→	MOCA 7600 FT (ULANO-ODKAT)
▲ ODKAT 354650N 0544146E	32.2 NM 255° 075°	UNL FL 140				
▲ MIRUR 354221N 0541139E	24.9 NM 255° 075°	Class A, D				
▲ 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/DME (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				
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	13.5 NM 266° 085°	UNL FL 210				
<i>Cont.</i>	50.0 NM	Class A				

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				Odd	Even	
1	2	3	4	5		6
▲ PAVET 352639N 0495301E ▲ LOXAM 350415N 0491601E ▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E ▲ ASRIL 342813N 0474513E ▲ KERMANSHAH DVOR/DME 342023.0N 0471008.9E ▲ RAGET 333048N 0455348E	229° 049°	UNL FL 180	10		↓	Tehran Radar FREQ: 125.700 MHZ ← Unidirectional westbound from MSD to RAGET
	37.6 NM					
	247° 066°	UNL FL 160				
	37.3 NM					
	235° 054°	UNL FL 160				
	46.0 NM					
	251° 071°	UNL FL 160				
30.0 NM	Class A, D					
228° 047°		UNL FL 160				
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	260° 079°	UNL FL 150 Class A, C	10		↓	Tehran Radar FREQ: 126.900 MHZ MOCA 12300 FT (SYZ-IVERA)
▲ RUBAK 292617N 0514218E	46.6 NM 259° 079°					
△ IVERA 292303N 0511540E	23.4 NM 259° 078°	UNL FL 150 Class A, D				MOCA 7400 FT (IVERA-KHG)
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	50.0 NM 243° 063°					
▲ PATIR 285606N 0492923E	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	091° 271°	UNL FL 130	20	↓		Muscat FIR Tehran FIR Tehran Radar FREQ: 120.300 MHZ
▲ KATUS 251600N 0574700E	35.3 NM 091° 272°					
▲ PEDEX 251211N 0592131E	85.6 NM 092° 272°	Class A, D				MOCA 3500 FT (IMLOT-EGRON)
▲ KINOX 250945N 0600942E	43.7 NM 092° 272°	UNL FL 60				
▲ EGPIC 250811N 0603730E	25.2 NM 092° 273°	Class A, D				
▲ EGRON 250444N 0613245E	50.2 NM				↑	

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				Odd	Even	
1	2	3	4	5		6
B121 RNAV 5 above FL285						
▲ OXADU 350837N 0511226E	316° 136°	UNL FL 200 Class A, C	20		↓	Tehran Radar FREQ: 125.700 MHZ
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	23.4 NM	UNL FL 150				MOCA 9200 FT (RUS - VEBER)
▲ VEBER 354209N 0504400E	328° 147°					
▲ DAVMI 355657N 0503401E	17.6 NM	Class A, C				Tehran Radar FREQ 132.500 MHZ MOCA 9200 FT (VEBER - DAVMI)
	328° 147°					
△ PAXID 361703N 0502021E	16.9 NM	UNL FL 150 Class A, D				MOCA 13200 FT (ALTIV-PAXID)
	328° 147°					
△ ALTIV 364131N 0500330E	22.9 NM	UNL FL 140 Class A, D				MOCA 13200 FT (PARTA-ALTIV)
	326° 146°					
△ RARTA 365323N 0495516E	28.0 NM	UNL FL 130 Class A, D				MOCA 10900 FT (RST-PARTA)
	326° 146°					
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	13.6 NM	UNL FL 130 Class A, D				MOCA 18000 FT (RST-MAGRI)
	327° 146°					
△ SIVIT 373553N 0490511E	30.0 NM	UNL FL 250 Class A				
	299° 118°					
△ DASDA 384135N 0465214E	30.0 NM	UNL FL 250 Class A	10			
	298° 118°					
▲ MAGRI 385408N 0462300E	123.5 NM	UNL FL 250 Class A	10			
	294° 114°					
	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: 125.700 MHZ MOCA 9600FT (PAXAT-ILM) MOCA 10900FT (ILM-KMS)
▲ 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 072° 253°	Class A, D				
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	40.0 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 Class A, D	10	↓	↑	Unidirectional eastbound from DHN to MSD
▲ GIBAB 353213N 0543656E	94.5 NM 076° 256°	UNL FL 130 Class A, D				
▲ ITELO 353534N 0550052E	19.8 NM 076° 257°	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	077° 258°	UNL FL 130	10	↓		
	29.6 NM					
▲ LOXED 355854N 0580609E	078° 258°	Class A, D				Tehran Radar FREQ: 120.700 MHZ Unidirectional eastbound from DHN to MSD
	16.8NM					
△ RIBUX 360112N 0582647E	073° 254°	UNL FL 130	20			
	60.0 NM					
▲ MASHHAD DVOR/DME(MSD) 361352.2N 0593902.0E	127° 308°	UNL FL 260	10	↓	↑	
	60.0 NM					
△ TANBU 353422N 0603430E	127° 308°	Class A				
	36.6 NM					
▲ PAMTU 351006N 0610806E						Tehran FIR Kabul FIR

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				Odd	Even	
1	2	3	4	5		6
B416 RNAV 5 above FL285						
▲ KUVER 280925N 0500600E	114° 294°	UNL FL 50 Class A, D	30	↓		Bahrain FIR/UIR Tehran FIR Tehran Radar FREQ: 126.900 MHZ MOCA 2500FT (KUVER-ORSAR)
▲ IMDAT 274100N 0511100E	64.2 NM 120° 301°	UNL FL 150			→	Tehran Radar FREQ: 133.400 MHZ
▲ DURSI 271219N 0520144E	53.4 NM 120° 300°					
▲ PEGET 270434N 0521515E	14.3 NM 120° 301°	UNL FL 150 Class A, D				
△ EGMIT 263340N 0530825E	56.6 NM 121° 301°					
▲ LEVNA 261535N 0533857E	32.8 NM 121° 302°					
▲ ORSAR 260430N 0535730E	20.0 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: 125.700 MHZ Unidirectional westbound from EGVEL to IMKEN
▲ UKITA 330657N 0500041E	99.1 NM 190° 010°	UNL FL 160 Class A, D				Tehran Radar FREQ: 126.900 MHZ
▲ IMKEN 314407N 0493611E	85.4 NM 195° 015°	UNL FL 140 Class A, D			→	MOCA 15500FT (IMKEN-UKITA)
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	74.5 NM 182° 002°	UNL FL 200 Class A, D	20		↓	
▲ UKNAR 295538N 0490450E	37.9 NM 182° 002°					
▲ TULAX 293853N 0490301E	16.8 NM				↑	Tehran FIR Kuwait FIR

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				Odd	Even	
1	2	3	4	5		6
B441 RNAV 5 above FL285						
▲ OTRUZ 363108N 0610956E	254° 073°	UNL FL 110	20		↓	Ashgabat FIR Tehran FIR Tehran Radar FREQ: 120.700 MHZ MOCA 8600FT (OTRUZ - MSD)
△ ALMUX 362736N 0605121E	15.4 NM 254° 073°	Class A, D UNL FL 110				
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E	60.0 NM 183° 003°	Class A, C			↑ ↓	Traffic routing from MSD to BJD shall assign odd flight levels
△ NOTSO 351416N 0593034E	60.0 NM 183° 003°	UNL FL 140				MOCA 10800FT (MSD-BJD)
△ ASVIS 334633N 0591828E	88.3 NM 183° 003°	Class A, D				
△ BOPEB 331913N 0591448E	27.5 NM 183° 003°					
▣ BIRJAND DVOR/DME(BJD) 325820.7N 0591200.5E	21.0 NM 183° 006°				↑ ↓	Traffic routing from BJD to MSD shall assign even flight levels Tehran Control FREQ: 123.900 MHZ MOCA 12500FT (BJD-NABOX)
▲ KUVAV 313426N 0585747E	84.8 NM 186° 006°	UNL FL 280				
▲ BOPAG 304413N 0584929E	50.7 NM 186° 006°		10			
▲ SILKO 295558N 0584138E	48.7 NM 186° 006°	Class A				
▲ NABOX 281630N 0582601E	100.8 NM				↑	

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				Odd	Even	
1	2	3	4	5		6
B451 RNAV 5 above FL285						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	054° 234°	UNL FL 200 Class A, D	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°					
▲ LOVEN 363926N 0553355E	27.0 NM 054° 235°					
▲ RIBOB 371705N 0565226E	73.3 NM 055° 235°					
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	25.0 NM 054° 234°					
▲ DEBER 375006N 0580200E	39.5 NM	Class A, D		↑	Tehran FIR Ashgabat FIR	

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				Odd	Even	
1	2	3	4	5		6
G55 RNAV 5 above FL285						
▲ ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	117° 297°	UNL FL 30 Class A, D	20	↓		Tehran Radar FREQ: 126.900 MHZ
△ IBSAL 300631N 0484406E	31.1 NM 118° 298°					
▲ UKNAR 295538N 0490450E	21.0 NM 118° 298°					
△ IBKUG 292601N 0500017E	56.6 NM 118° 299°					
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	19.2 NM 122° 302°					
▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E	32.6 NM 100° 281°					
△ VATOB 285126N 0511636E	24.4 NM 056° 236°					
△ KATUR 285639N 0512629E	10.1 NM 056° 236°					
▲ TOTNO 291052N 0515336E	27.7 NM 056° 237°					
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	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°	UNL FL 130 Class A, D	20	↓	→	Baghdad FIR
▲ ILAM DVOR/DME(ILM) 333442.3N 0462455.4E	26.2 NM 091° 271°					Tehran FIR Tehran Radar FREQ: 125.700 MHZ
▲ ALTET 333209N 0470047E	30.0 NM 091° 271°					MOCA 10900FT (RAGET - KRD)
▲ MIPON 332801N 0475344E	44.4 NM 091° 271°					
▲ KHORAM ABAD DVOR/DME(KRD) 332603.1N 0481730.7E	20.0 NM 098° 278°					→ Tehran Radar FREQ: 126.900 MHZ MOCA 15400FT (KRD-RASLA)
▲ UKSIS 332159N 0484002E	19.3 NM 098° 278°	UNL FL 160 Class A, D				
▲ NOTSA 331745N 0490315E	19.9 NM 098° 278°					
▲ RASLA 331202N 0493409E	26.5 NM 099° 279°					MOCA 15000FT (RASLA -ISN)
▲ UKITA 330657N 0500041E	22.8 NM 099° 279°					
△ BOMID 325904N 0504029E	34.3 NM 099° 280°					UNL FL 160
▲ IMRAG 325142N 0511643E	31.4 NM 100° 280°	Class A, C				
▢ ESFAHAN DVOR/DME (ISN) 324449.1N 0514940.8E	28.6 NM 084° 264°	UNL FL 170			→	Tehran Radar FREQ: 125.700 MHZ
▲ PARUG 324704N 0522947E	34.0 NM 084° 264°	Class A, C				
<i>Cont.</i>	26.0 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
▲ LABOT 324839N 0530053E ▲ ALNER 325124N 0540202E ▲ MITET 325226N 0542850E ▲ NODLA 325330N 0545850E ▲ ORSOK 325502N 0554532E ▲ IMSOG 325636N 0564649E ▲ ROSOS 325815N 0584814E ▲ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E ▲ KAMAR 323900N 0604400E	083° 264°	UNL FL 170 Class A, D	20	↓ ↑	→ →	Tehran Control FREQ: 123.900 MHZ MOCA 11700 FT (ALNER-LABOT)
	51.6 NM		084° 264°			MOCA 8700 FT (ALNER-MITET)
	22.6 NM		084° 264°			
	25.2 NM		085° 265°			MOCA 11500 FT (NODLA-KAMAR)
	39.2 NM		085° 265°			
	51.5 NM		085° 266°			
	102.2 NM		086° 267°			
	20.0 NM		100° 281°			
	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°	<u>UNL</u> FL 160 Class A, D	10	↓	Ankara FIR Tehran FIR Tehran Radar FREQ: 132.500 MHZ MOCA 12700 FT (ALRAM-UMH) MOCA 10800 FT (UMH-ZAJ)	
◻ UROMIYEH DVOR/DME (UMH) 374114.0N 0450503.7E	21.8 NM		20			
△ TOTBO 373455N 0452858E	20.0 NM	<u>UNL</u> FL 200 Class A, D	20			
	103° 283°					
▲ PARAS 373133N 0454134E	10.5 NM	<u>UNL</u> FL 200 Class A, D	20			
	103° 284°					
△ GETOB 371227N 0465129E	58.8 NM	<u>FL280</u> FL160	10			
	104° 284°					
▲ AMBEX 370356N 0472143	25.6 NM	<u>UNL</u> FL 160 Class A, D	10			
	104° 285°					
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	50.5 NM	<u>UNL</u> FL 160 Class A, D	10			
	109° 290°					
△ LOXUB 363640N 0484942E	25.0 NM	<u>UNL</u> FL 180 Class A, D	10			
	109° 291°					
△ PAROT 361128N 0495841E	61.0 NM	<u>FL280</u> FL130 Class A, C	10			
	124° 304°					
▲ GOLNU 355711N 0502052E	22.9 NM	<u>FL280</u> FL210 Class A	10			
	124° 304°					
▲ VEBER 354209N 0504400E	24.0 NM	<u>FL280</u> FL210 Class A	10			
	124° 304°					
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	27.9 NM	<u>FL280</u> FL130 Class A, D	10			
	113° 294°					
▲ ELEDI 350136N 0520356E	49.3 NM	<u>FL280</u> FL130 Class A, D	10			
	114° 294°					
△ RADAL 345423N 0522023E	15.3 NM	<u>FL280</u> FL130 Class A, D	10			
	133° 314°					
<i>Cont.</i>	112.7 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			
▲ 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 △ DANIB 290706N 0611717E ▲ KEBUD 273552N 0625024E	120° 301°	FL280 FL130 Class A. D	10	↓		Tehran Control FREQ: 123.900 MHZ MOCA 8900 FT (NODLA- DAR)			
	67.2 NM	120° 300°	FL280 FL110 Class A. D						
	24.8 NM	119° 300°	FL280 FL110 Class A. D						
	75.2 NM	120° 301°	FL280 FL110 Class A. D						
	21.9 NM	120° 301°	FL280 FL110 Class A. D						
	112.9 NM	122° 302°	FL280 FL110 Class A. D						
	66.1 NM	122° 303°	FL280 FL110 Class A. D						
	35.3 NM	123° 303°	FL280 FL110 Class A. D				20		
	30.0 NM	135° 315°	FL280 FL150 Class A. D					↑	
	30.0 NM	136° 317°	FL280 FL170 Class A. D				10	↓	
	122.6 NM								Unidirectional eastbound from ZDN to KEBUD MOCA 9400 FT (ZDN- KEBUD)
									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	
G452 RNAV 5 above FL285							
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	075° 258°	<u>UNL</u> FL 190 Class A, C	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 13000 FT (SYZ-NALBI)	
△ NALBI 294650N 0535357E	70.0 NM 075° 256°						
▲ RIKAS 295337N 0543224E	34.0 NM 076° 256°						Tehran Radar FREQ: 120.300 MHZ
▲ DAVUT 300214N 0552301E	44.7 NM 076° 257°		10			→	MOCA 12600 FT (GETIS-DAVUT)
△ GETIS 301145N 0562226E	52.4 NM 077° 257°					← →	MOCA 11400 FT (KER-GETIS)
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	30.0 NM 099° 279°	<u>UNL</u> FL 190	20				Tehran Control FREQ: 123.900 MHZ
△ ALKES 301045N 0573025E	30.0 NM 099° 280°	Class A, D				← →	MOCA 15900 FT (ORDAD-KER)
▲ ORDAD 300608N 0575454E	21.7 NM 101° 282°						
▲ SILKO 295558N 0584138E	41.7 NM 100° 281°	<u>UNL</u> FL 170					
△ DANUS 293628N 0602030E	88.0 NM 101° 282°	Class A, D					
◻ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	30.0 NM 097° 278°	<u>UNL</u> FL 120				MOCA 9900 FT (ZDN-DERBO)	
▲ DERBO 292542N 0611701E	20.3 NM	Class A, D			↑	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
G482 RNAV 5 above FL285						
▲ TABRIZ DVOR/DME(TBZ) 380853.5N 0461246.6E	006° 185°	UNL FL 200	10	↓		Tehran Radar FREQ: 132.500 MHZ
△ PAPOK 384439N 0462105E	36.3 NM 004° 184°	Class A, D				MOCA 12000 FT (TBZ-MAGRI)
▲ MAGRI 385408N 0462300E	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	219° 038°	UNL FL 130	20		↓	Tehran Radar FREQ: 120.700 MHZ
△ RAMIL 352909N 0584941E	60.0 NM 218° 037°	Class A, C UNL FL 130				MOCA 12000 (MSD- TBS)
▲ TASLU 342531N 0574131E	84.7 NM 217° 038°	Class A, D UNL FL 130				
▲ PATEN 340825N 0572334E	22.6 NM 219° 038°	Class A, D				
▲ TABAS VOR/DME (TBS) 334021.2N 0565330.9E	37.5 NM 228° 048°					Tehran Control FREQ: 132.900 MHZ MOCA 9200 (TBS-ORSOK)
▲ RIBEN 332902N 0563620E	18.3 NM 228° 048°					
▲ ALMUD 331758N 0561941E	17.8 NM 228° 048°					
▲ ORSOK 325502N 0554532E	36.7 NM 228° 048°	UNL FL 150				MOCA 12200 (ORSOK-YZD)
▲ SOGOT 324008N 0552339E	23.7 NM 228° 047°	Class A, D				
▲ DANEM 322854N 0550717E	17.8 NM 227° 047°					
△ BOMIT 321257N 0544414E	25.2 NM 227° 047°				→	MOCA 12300 (YZD-BOMIT)
▲ YAZD VOR/DME (YZD) 315351.6N 0541657.7E	30.0 NM 209° 029°	UNL FL 170			↔	MOCA 15300 (BONEG-YZD)
△ BONEG 312826N 0535815E	30.0 NM 209° 029°	Class A, D				
<i>Cont.</i>	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 FREQ
				Odd	Even	
1	2	3	4	5		6
▲ DEDAK 305600N 0533439E	209° 028°	UNL FL 170 Class A, D	20	↓		Tehran Radar FREQ: 133.400 MHZ
	28.1 NM					
△ KINOT 303207N 0531731E	209° 029°	UNL FL 170 Class A, C				MOCA 13000 FT (DEDAK-SYZ)
	70.0 NM					
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	211° 031°	UNL FL 130 Class A, C		↑		MOCA 11700FT (SYZ-DASDO)
	46.2 NM					
▲ DASDO 285401N 0520551E	211° 031°	Class A, C		↓		Unidirectional westbound from DASDO to ALSER MOCA 7900 FT (DASDO-IMDAT)
	23.8 NM					
△ DEPSU 283409N 0515047E	211° 031°	UNL FL 130 Class A, D				MOCA 2500 FT (IMDAT-ALSER)
	63.8 NM					
▲ IMDAT 274100N 0511100E	210° 030°	UNL FL 50 Class A, D				Tehran FIR Bahrain FIR / UIR
	35.7 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
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	
△ DEMPO 301717N 0484329E	26.6 NM 098° 279°	Class A, D				MOCA 2500 FT (ABD-VATAN)
▲ 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°	UNL FL 170 Class A, C				Tehran Radar FREQ: 133.400 MHZ
△ KAVIL 294820N 0511704E	19.4 NM 100° 280°					
▲ EGSIR 294615N 0512735E	9.5 NM 100° 281°	UNL FL 160 Class A, C				Tehran Radar FREQ: 120.300 MHZ
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	60.5 NM 100° 281°					
△ VAVAS 291650N 0535340E	70.0 NM 100° 281°	UNL FL 160				Tehran Control FREQ: 123.900 MHZ
▲ BOTUX 285828N 0552205E	79.4 NM 101° 282°					
▲ SOLAK 285156N 0555215E	27.2 NM 102° 282°	UNL FL 160 Class A, D				↑
△ ASMET 284758N 0561019E	16.3 NM 102° 282°					
▲ NANTO 284140N 0563831E	25.6 NM 102° 282°					
▲ RIGUT 283136N 0572226E	39.9 NM 102° 283°					
▲ NABOX 281630N 0582601E	58.0 NM 102° 283°					
Cont.	127.1 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
▲ LOXOL 274556N 0604538E	109° 290°	UNL FL 200	20	↓		MOCA 13000 FT (LOXOL-ASVIB)
	143.9 NM	Class A,D		↑		Tehran FIR Karachi FIR
▲ ASVIB 265724N 0631812E						

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
G666 RNAV 5 above FL285						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	164° 344°	UNL FL 130	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 12400 FT (SYZ-LAM)
△ KUPTO 282418N 0525432E	70.0 NM	Class A, C				
▲ LAMERD VOR/DME (LAM) 272222.2N 0531102.3E	164° 345°	UNL FL 130				MOCA 6700 FT (LAM-LVA)
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	63.8 NM	Class A, D			↑	MOCA 6700 FT (LAM-LVA)
▲ DATUT 263332N 0533538E	34.9 NM	UNL FL 80		↓		Unidirectional eastbound from LVA to Tehran FIR- Emirates FIR/UIR
▲ ELIRA 262105N 0534502E	19.8 NM	Class A, D				MOCA 2800 FT (LVA-ORSAR)
▲ ORSAR 260430N 0535730E	144° 324°					Tehran FIR Emirates FIR/UIR
	15.0 NM					
	144° 324°					
	20.0 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
G667 RNAV 5 above FL285						
▲ PUTMA 374800N 0515736E	194° 014°	UNL FL 150	10		↓	Turkmenbashi FIR Tehran FIR Tehran Radar FREQ: 132.500 MHZ
→ ▲ GIVSI 371031N 0514109E	39.7 NM 194° 014°	Class A, D				MOCA 3000 FT (PUTMA-GIVSI)
▲ NOSHAHR DVOR/DME (NSR) 363946.1N 0512751.4E	32.5 NM 184° 004°	UNL FL 170				MOCA 8500 FT (GIVSI-NSR) Note: Closed for over flight BTN NSR NDB and TRN DVOR MOCA 16100 FT (NSR-NAGMO)
△ DANEB 362001N 0512408E	20.0 NM 184° 004°	Class A, D				
△ NAGMO 360214N 0512055E	18.0 NM 185° 005°	UNL FL 170				MOCA 15700 FT (NAGMO-TRN)
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	20.7 NM 227° 047°	UNL FL 100				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 FL 90				MOCA 7600 FT (RUS-SAV)
▲ SOGOL 350829N 0503128E	26.1 NM 221° 041°	Class A, C				
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	10.5NM 201° 021°	UNL FL 140			↑	Tehran Radar FREQ: 125.700 MHZ Unidirectional eastbound from AWZ to SAV MOCA 13900 FT (SAV- RASLA)
▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E	58.7 NM 190° 010°	Class A, D				
▲ RASLA 331202N 0493409E	58.0 NM 190° 010°	UNL FL 150				Tehran Radar FREQ: 126.900 MHZ Unidirectional eastbound from AWZ to SAV MOCA 14600 FT (RASLA- ALTAX)
▲ ALTAX 323014N 0492142E	43.1 NM 190° 010°	UNL FL 170				MOCA 10900 FT (ALTAX-EGVAX)
▲ NAGRO 321015N 0491549E	20.6 NM 190° 010°	Class A, D				
<i>Cont.</i>	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)
△ GABSU 305319N 0483035E	30.0 NM	Class A, D				
▲ 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	072° 252°	UNL FL 50 Class A, D	10	↓		Kuwait FIR Tehran FIR Tehran Radar FREQ: 126.900 MHZ
△ VELUT 291001N 0495341E	19.7 NM 072° 252°					
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	22.9 NM 078° 259°	UNL FL 150				MOCA 2600 FT (NANPI-KHG) MOCA 7400 FT (KHG-IVERA)
△ IVERA 292303N 0511540E	50.0 NM 079° 259°					
▲ RUBAK 292617N 0514218E	23.4 NM 079° 260°	Class A, D				
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
G670 RNAV 5 above FL285						
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	003° 183°	<u>UNL</u> FL 30	20		↓	Tehran Radar FREQ: 132.500 MHZ Traffic routing from RST to LALDA shall assign even flight levels. MOCA 2600 FT (RST-LALDA)
△ MODIL 374925N 0494117E	30.0 NM 003° 182°	Class A, D				Traffic routing from LALDA to RST shall assign odd flight levels. Tehran FIR
▲ LALDA 381615N 0494511E	27.0 NM				↑	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
G775 RNAV 5 above FL285						
▲ ORPAB 374200N 0583430E	146° 326°	UNL FL 160	20	↓		Ashgabat FIR Tehran FIR Tehran Radar FREQ: 120.700 MHZ MOCA 11800 FT (ORPAB - MSD)
△ MIDMO 370543N 0590124E	42.1 NM 146° 327°	Class A, D UNL FL 160				
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E	60.0 NM 183° 003°	Class A, C UNL FL 140			↑	Tehran Radar FREQ: 120.700 MHZ Traffic routing from MSD to BJD shall assign odd flight levels
△ NOTSO 351416N 0593034E	60.0 NM 183° 003°	Class A, C UNL FL 140				MOCA 10800 FT (MSD-BJD)
△ ASVIS 334633N 0591828E	88.3 NM 183° 003°	UNL FL 140				
△ BOPEB 331913N 0591448E	27.5 NM 183° 003°	Class A, D				
▣ BIRJAND DVOR/DME (BJD) 325820.7N 0591200.5E	21.0 NM 154° 334°				↑	Traffic routing from BJD to MSD shall assign even flight levels
△ ODBES 323050N 0592556E	29.9 NM 154° 335°	UNL FL 130			↓	Tehran Control FREQ: 123.900 MHZ MOCA 11200 FT (BJD-ZDN)
▲ ELOKA 312325N 0595922E	73.1 NM 155° 336°	Class A, D				
△ LUDAX 295658N 0604101E	93.6 NM 155° 335°					
▣ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	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
G781 RNAV 5 above FL285						
▲ BONAM 380300N 0441800E	110° 290°	FL280 FL 150	10	↓		Ankara FIR Tehran FIR Tehran Radar FREQ: 132.500 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°					
△ TUBAR 373018N 0452609E	20.0 NM 119° 299°	UNL FL 130				
△ ROVON 371601N 0455322E	25.9 NM 099° 280°	Class A, D				MOCA 8600 FT (UMH-ROVON) 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-NSR)
▲ LABKA 364142N 0504342E	114.3 NM 088° 269°	Class A				
▲ NOSHAHR DVOR/DME (NSR) 363946.1N 0512751.4E	35.5 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
G792 RNAV 5 above FL285						
▲ PAMTU 351006N 0610806E	308° 127°	UNL FL 260	10		↓	Kabul FIR Tehran FIR Tehran Radar FREQ: 120.700 MHZ MOCA 9400 FT (PAMTU -MSD)
△ TANBU 353422N 0603430E	36.6 NM 308° 127°					
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E	60.0 NM 300° 120°	UNL FL 130	20			MOCA 11400 FT (MSD - BRD)
△ BOTEK 364755N 0583734E	60.0 NM 300° 119°	Class A, C UNL FL 130				
▲ SILPO 370806N 0580006E	36.2 NM 299° 119°	Class A, D				MOCA 8500 FT (BRD-GIRUN)
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	39.0 NM 303° 123°					
▲ GIRUN 380612N 0562018E	59.4 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
J3 RNAV 5 ▲ 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: 125.700 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 FREQ
				Odd	Even	
1	2	3	4	5		6
J5 RNAV 5 ▲ ALRAM 374230N 0443736E △ KAPES 372520N 0452004E						Ankara FIR
	111° 292°	UNL FL 200 Class A,D	10	↓	↓	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 <u>FREQ</u>
				Odd	Even	
1	2	3	4	5		6
J6 RNAV 5 ▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E △ DEKBA 342145N 0500832E						
	192° 012°	FL200 FL170 Class C, D	10		↓	Tehran Radar FREQ: 125.700 MHZ
	41.0NM				↑	←

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
J7 RNAV 5 above FL285						
△ PAROT 361128N 0495841E	111° 292°	<u>UNL</u> FL 160 Class A, C	10	↓		Tehran Radar FREQ: 132.500 MHZ
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	70.0 NM	<u>UNL</u> FL 130 Class A, C				Tehran Radar FREQ: 120.700 MHZ
△ RADAL 345423N 0522023E	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 FREQ
				Odd	Even	
1	2	3	4	5		6
R462 RNAV 5 above FL285						
▲ DENDA 244224N 0605451E	065° 245°	<u>UNL</u> FL 60	20	↓		Muscat FIR Tehran FIR Tehran Radar FREQ: 120.300 MHZ MOCA 3500 FT (DENDA-METBI)
▲ METBI 245556N 0612816E	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						
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	132° 312°	<u>UNL</u> FL 130	20	↓		Tehran Radar FREQ 132.500 MHZ MOCA 11300 FT (ZAJ-SAV)
△ TULGU 362836N 0484235E	25.0 NM 132° 314°	Class A, D				
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	119.2 NM 157° 337°	<u>UNL</u> FL 160				Tehran Radar FREQ: 125.700 MHZ MOCA 13600 FT (SAV- PEKAM)
△ EGVEL 344258N 0503005E	19.2 NM 157° 337°	Class A, D				
△ PEKAM 332904N 0510118E	78.3 NM 134° 315°	<u>UNL</u> FL 150	10			MOCA 11400 FT (PEKAM-ISN)
▣ ESFAHAN DVOR/DME(ISN) 324449.1N 0514940.8E	60.0 NM 109° 289°	Class A, C <u>UNL</u> FL 160	20			Note: Closed for over flight from ISN to YZD MOCA 11300 FT (ISN-YZD)
△ LADAL 322226N 0525543E	60.0 NM 109° 290°	Class A, C				Tehran Control FREQ: 123.900 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°	<u>UNL</u> FL 160			→	MOCA 11300 FT (YZD-BOMUN)
△ BOMUN 313648N 0544555E	30.0 NM 122° 302°	Class A, D			→	MOCA 11100 FT (UKVEV-BOMUN)
→ △ UKVEV 310557N 0553718E	53.7 NM 122° 303°				→	MOCA 12500 FT (ALMOB-UKVEV)
△ ALMOB 303434N 0562824E	54.0 NM 123° 303°	<u>UNL</u> FL 180			→	MOCA 11600 FT (KER-ALMOB)
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	30.0 NM 144° 324°	Class A, D			↔	MOCA 15600 FT (KER-ALKUL)
<i>Cont.</i>	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							
<p>△ ALKUL 295152N 0571535E</p> <p>▲ PEDUK 285920N 0575447E</p> <p>▲ NABOX 281630N 0582601E</p> <p>▲ LADPA 265331N 0592514E</p> <p>△ DUGLI 264014N 0593431E</p> <p>▲ NAGES 262451N 0594514E</p> <p>△ EGPER 255210N 0600737E</p> <p>▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E</p> <p>▲ EGPIC 250811N 0603730E</p> <p>▲ DENDA 244224N 0605451E</p>	144° 325°	UNL FL 180 Class A, D	20	↓	→	Tehran Control FREQ: 123.900 MHZ MOCA 15900 FT (ALKUL -PEDUK)							
	62.6 NM						145° 325°						
	50.9 NM	146° 326°				UNL FL 130	↑		Tehran Radar FREQ: 120.300 MHZ MOCA 9300 FT (NABOX-CBH)				
	98.2 NM	146° 326°											
	15.7 NM	146° 327°											
	18.1 NM	147° 327°								Class A, D			
	38.4 NM	147° 328°											
	30.0 NM	147° 327°				UNL FL 160					MOCA 4000 FT (CBH-DENDA)		
	21.8 NM	147° 328°										Class A, D	
	30.2 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
R659 RNAV 5 above FL285						
▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E	152° 333°	UNL FL 130	10			Tehran Radar FREQ: 125.700 MHZ MOCA 8200 FT (TRN- BOXAM)
△ BOXAM 343749N 0515147E	70.0 NM	Class A, C				MOCA 9800 FT (BOXAM-DAPOG)
▲ VAVIN 341709N 0520247E	22.6 NM	UNL FL 200 Class A, D				
	153° 333°					
△ DAPOG 333744N 0522331E	43.0 NM	UNL FL 160 Class A, D				Unidirectional (northbound) from ISN to TRN and TFC routing from ISN to TRN shall assign even flight level.
	205° 025°					
▣ ESFAHAN DVOR/DME(ISN) 324449.1N 0514940.8E	60.0 NM				↑	MOCA 12200 FT (DAPOG-ISN)
▲ GIDEN 320039N 0520026E	45.0 NM	UNL FL 150 Class A, C	20		↓	Tehran Radar FREQ: 126.900 MHZ
	165° 346°					
△ GESIP 314556N 0520359E	15.0 NM	UNL FL 150 Class A, D				MOCA 13400 FT (ISN-KAVOT)
	166° 346°					
△ KAVOT 304111N 0521922E	65.9 NM	UNL FL 150 Class A, C				MOCA 13200 FT (KAVOT-SYZ)
	166° 346°					
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	70.0 NM	UNL FL 130 Class A, C			↑	Tehran Radar FREQ: 133.400 MHZ MOCA 11600 FT (SYZ-MIDSI)
	189° 009°					
▲ LAGSA 283306N 0522056E	60.6 NM	UNL FL 130 Class A, C			↓	
	189° 009°					
△ KATAG 282346N 0521841E	9.4 NM	UNL FL 130 Class A, D			↑	Unidirectional westbound from KATAG to MIDSI
	190° 010°					
▲ DURSI 271219N 0520144E	72.8 NM	UNL FL 130 Class A, D			↓	
	189° 009°					
▲ KAVAM 265737N 0515818E	15.0 NM	UNL FL 130 Class A, D				
	189° 009°					
▲ MIDSI 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
R660						
▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E	317° 136°	FL280 FL 170	20		↓	Tehran Radar FREQ: 132.500 MHZ MOCA 15600 FT (TRN-RST)
△ NABAX 360955N 0504816E	36.5 NM 317° 136°	Class A, C FL280 FL 170				
△ DEDLA 365620N 0500044E	60.1 NM 317° 137°	Class A, D				
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	30.0 NM 283° 102°					MOCA 13000 FT (RST-DASIS)
△ RALGO 372840N 0490112E	30.0 NM 282° 101°	FL280 FL 160				
▲ BUDED 375313N 0472032E	83.6 NM 281° 101°	FL Class A, D				
△ 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 291° 110°	FL280 FL 240				
△ BORES 382829N 0452137E	6.8 NM 291° 110°	Class A				
▲ 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 200	20	↓		Baku FIR Tehran FIR Tehran Radar FREQ: 132.500 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°					
△ RUDAD 374045N 0465741E	45.0 NM 124° 305°	UNL FL 150				MOCA 12100 FT (TBZ-ZAJ)
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	85.6 NM 118° 298°	UNL FL 130				
△ SUTBU 363324N 0484732	25.0 NM 118° 299°	Class A, D				MOCA 12000 FT (ZAJ-RUS)
△ MIVAK 355915N 0495324E	63.2 NM 118° 299°	UNL FL 130				
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	59.3 NM 094° 275°	Class A, C				Tehran Radar FREQ: 125.700 MHZ MOCA 6900 FT (RUS-VR)
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	13.5NM 095° 276°	UNL FL 90 Class A, C				
▲ VARAMIN NDB (VR) 352033.6N 0513813.8E	22.8NM 091° 272°	UNL FL 110				Tehran Radar FREQ: 120.700 MHZ MOCA 10100 FT (VR -DHN)
▲ 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	130° 310°	UNL FL 150 Class A, D	30	↓		Kuwait FIR Tehran FIR Tehran Radar FREQ: 126.900 MHZ MOCA 2500 FT (NANPI-ORSAR)
▲ ALNIN 283306N 0501036E	46.5 NM 131° 312°					Tehran Radar FREQ: 133.400 MHZ
▲ IMDAT 274100N 0511100E	74.5 NM 120° 301°					
▲ DURSI 271219N 0520144E	53.4 NM 120° 300°					
▲ PEGET 270434N 0521515E	14.3 NM 120° 301°					
△ EGMIT 263340N 0530825E	56.6 NM 121° 301°					
▲ LEVNA 261535N 0533857E	32.8 NM 121° 302°					
▲ ORSAR 260430N 0535730E	20.0 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
R794 RNAV 5 above FL285						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	320° 139°	UNL FL 220	10		↓	Tehran Radar FREQ: 120.700 MHZ MOCA 20700 FT (DHN-NSR)
▲ NOSHAHR DVOR/DME (NSR) 363946.1N 0512751.4E	104.2 NM	Class A				Tehran Radar FREQ: 132.500 MHZ MOCA 6700 FT (NSR-ULDUS)
▲ ULEXI 374344N 0510631E	66.2 NM	UNL FL 100 Class A, D				
	340° 160°					
▲ 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W1 RNAV 5 above FL285						
▲ JASK NDB (JSK) 253905.8N 0574700.5E	341° 160°	<u>UNL</u> FL 120	20		↓	Tehran Radar FREQ: 120.300 MHZ
△ MELMI 264625N 0572300E	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	182° 002°	UNL FL 130	20		↓	Tehran Control FREQ: 123.900 MHZ MOCA 11200 FT (ZDN-ISR)
△ DANIX 285915N 0605140E	30.0 NM 182° 003°					
▲ LOXOL 274556N 0604538E	73.0 NM 183° 003°	Class A, D				MOCA 7600 FT (ISR-MESPO)
▲ IRAN SHAHR VOR/DME (ISR) 271403.8N 0604320.4E	32.2 NM 187° 007°					
▲ GOKSO 265542N 0604012E	18.6 NM 187° 007°	UNL FL 100				Tehran Radar FREQ: 120.300 MHZ
▲ GENEV 264247N 0603757E	13.1 NM 187° 008°					
△ EGLES 255614N 0602954E	47.1 NM 188° 008°	Class A, D				
▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E	30.0 NM 218° 038°					
▲ KINOX 250945N 0600942E	21.8 NM 218° 037°	Class A, D				
▲ MESPO 244817N 0595040E	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: 126.900 MHZ MOCA 12100 FT (SYZ-KISED)
▲ REXEB 295208N 0520923E	30.0 NM 308° 127°					
△ KISED 301820N 0513428E	40.0 NM 309° 129°	UNL FL 170				MOCA 13700 FT (KISED-RABIM)
△ RADID 302444N 0512613E	9.6 NM 307° 126°					
▲ KIXOB 310917N 0502459E	69.0 NM 306° 126°	Class A, D				
▲ 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 <i>FREQ</i>
				Odd	Even	
1	2	3	4	5		6
W4 RNAV 5 above FL285						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	011° 191°	UNL FL 150 Class A, D	20	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 13200 FT (DHN-LABET)
▲ BUBUX 353023N 0524814E	15.7 NM 011° 191°					
▲ LABET 360950N 0530127E	40.9 NM 011° 191°					
▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E	30.0 NM 069° 250°	UNL FL 70	10			MOCA 6600 FT (DNZ-GGN)
△ DATOL 364717N 0534706E	30.0 NM 069° 249°					
△ IMPIR 364958N 0535846E	9.7 NM 068° 249°	Class A, D				
▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E	20.0 NM 071° 251°					
△ ALNIT 370022N 0544645E	20.0 NM 072° 252°	Class A, D				MOCA 5100 FT (GGN-ALNIT)
△ ORSEK 370517N 0551109E	20.1 NM 071° 252°	Class A, D				MOCA 11100 FT (ALNIT-BRD)
△ EGLUL 372407N 0564855E	80.2 NM 072° 252°	UNL FL 130 Class A, D				
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	25.0 NM 054° 234°					
▲ 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
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: 123.900 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 FREQ
				Odd	Even	
1	2	3	4	5		6
W6 RNAV 5 above FL285 □ ESFAHAN DVOR/DME (ISN) 324449.1N 0514940.8E ▲ EGPAT 323330N 0512409E △ GADLU 321645N 0504656E △ IMKEN 314407N 0493611E △ ITIBI 313451N 0491631E ▲ AHWAZ DVOR/DME(AWZ) 312015.3N 0484552.5E	239° 059° 24.3 NM 239° 059° 35.7 NM 238° 058° 68.3 NM 238° 058° 19.1 NM 238° 058° 30.0 NM	UNL FL 180 Class A, C UNL FL 180 Class A, D UNL FL 100 Class A, D UNL FL 70 Class A, D	20		↓	Tehran Radar FREQ: 126.900 MHZ MOCA 15000 FT (ISN -IMKEN) MOCA 6800 FT (IMKEN-AWZ)
					↑	

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	216° 036°	UNL FL 170 Class A, D	20		↓	Tehran Radar FREQ: 125.700 MHZ MOCA 14000 FT (SAV-NOTSA)
△ DEKBA 342145N 0500832E	27.7 NM 222° 042°					
▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E	19.7 NM 214° 034°					
▲ NOTSA 331745N 0490315E	64.4 NM 210° 030°					
▲ DAPEM 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

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
W8 RNAV 5 above FL285 ▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E ▲ SESBI 353154N 0502130E △ PAVET 352639N 0495301E △ SIVIM 352229N 0493050E ▲ HAMADAN NOGEH VORTAC (HAB) 351234.0N 0483931.0E	 253° 073° 46.3 NM 253° 072° 23.8 NM 254° 073° 18.6 NM 253° 073° 43.1 NM	 UNL FL 130 Class A, C UNL FL 130 Class A, D	 20 ↑	 ↓ ↑	 Tehran Radar FREQ: 125.700 MHZ MOCA 11900 FT (TRN-HAB)	

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°	UNL FL 140	10		↓	Tehran Radar FREQ: 132.500 MHZ MOCA 11800 FT (RST-ZAJ)
△ EGRUD 370521N 0490345E	30.0 NM	Class A, D				
▲ ASPOK 365918N 0484948E	12.9 NM	UNL FL 140	20			
	237° 056°	Class A, D				
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	26.1 NM			↑	↓	MOCA 10900 FT (ZAJ-GONVA)
	155° 335°	UNL FL 120				
△ GONVA 360557N 0484044E	43.8 NM					MOCA 11500 FT (GONVA-HAB)
	177° 357°	Class A, D				
▲ HAMADAN NOGEH VORTAC (HAB) 351234.0N 0483931.0E	53.4 NM				↑	Tehran Radar FREQ: 125.700 MHZ MOCA 14200 FT (HAB-DZF)
	187° 008°	UNL FL 150			↓	
△ IVELI 343459N 0482952E	38.4 NM					
	178° 359°	Class A, D				
△ DAPIK 325554N 0482553E	99.2 NM					
	182° 002°	Class A, D				
▲ 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	148° 329°	UNL FL 130 Class A, C	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 12700 FT (SYZ-SITEN)
△ SITEN 290207N 0525532E	35.0 NM 118° 298°					
△ TAGTA 284311N 0533217E	37.2 NM 117° 298°	UNL FL 130 Class A, D	10			MOCA 12300 FT (SITEN-MOBON)
▲ LORIX 280620N 0544331E	72.7 NM 118° 298°					
▲ DOBAS 275323N 0550803E	25.2 NM 118° 298°	UNL FL 130 Class A, C	20			Tehran Radar FREQ: 120.300 MHZ MOCA 9600 FT (MOBON-BND)
△ MOBON 274414N 0552513E	17.7 NM 119° 300°					
▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E	60.0 NM 113° 294°	UNL FL 100 Class A, C				MOCA 8900FT (BND-CBH)
△ MELMI 264625N 0572300E	60.0 NM 114° 295°					
▲ SEVDA 260217N 0590549E	102.1 NM 115° 296°	UNL FL 100 Class A, D				
△ EGNUX 254006N 0595525E	49.9 NM 116° 296°					
▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E	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° 50.8 NM 191° 011° 30.0 NM 191° 011° 34.7 NM	 UNL FL 200 Class A, C UNL FL 200 Class A, D	10	↓		Tehran Radar FREQ: 125.700 MHZ Unidirectional westbound. TFC routing from VR to PEKAM shall assign odd flight level

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
W23 RNAV 5 above FL285 ▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	247° 067°	UNL FL 140	20		↓	Tehran Radar FREQ: 126.900 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	332° 151°	<u>UNL</u> FL 150	10		↓	Tehran Radar FREQ: 126.900 MHZ MOCA 2600 FT (IMDAT-MAH)
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	105.0 NM	Class A, D				
△ MEMPI 293113N 0500618E	19.0 NM		20			
▲ VATAN 300800N 0493533E	45.4 NM					
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	34.2 NM	<u>UNL</u> FL 40				MOCA 2800 FT (MAH-AWZ)
△ GODMO 305426N 0485834E	22.8 NM	Class A, D				
▲ AHWAZ DVOR/DME(AWZ) 312015.3N 0484552.5E	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	175° 355°	UNL FL 100	10	↓		Tehran Radar FREQ: 126.900 MHZ MOCA 2600 FT (MAH-ABD)
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	70.2 NM	Class A, D			↑	
△ BOPIS 302821N 0484251E	255° 074°	UNL FL 40			↓	
▲ ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	23.1 NM	Class A, D				
	254° 073°				↑	Tehran FIR
	26.2 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			
W32 RNAV 5 above FL285									
▲ ROVAD 333131N 0535240E	166° 346°	UNL FL 150 Class A, D	20	↓	←	Tehran Control FREQ: 123.900 MHZ			
▲ PURKI 331140N 0535657E	20.2 NM 165° 345°					→	MOCA 8700 FT (YZD-PURKI)		
▲ ALNER 325124N 0540202E	20.7 NM 164° 344°								
△ BONOL 322314N 0540929E	28.8 NM 164° 344°								
▲ YAZD VOR/DME(YZD) 315351.6N 0541657.7E	30.0 NM 149° 330°					→	MOCA 13700 FT (GADPU-YZD)		
△ GADPU 312709N 0543302E	30.0 NM 150° 331°						MOCA 13600 FT (GADPU-SRJ)		
▲ DESLA 304538N 0545744E	46.6 NM 150° 331°					Class A, D		Tehran Radar FREQ: 120.300 MHZ	
▲ DAVUT 300214N 0552301E	48.5 NM 150° 331°								
▲ SIRJAN VOR/DME (SRJ) 293322.5N 0553937.0E	32.3 NM 162° 343°								MOCA 12400 FT (SRJ-BND)
▲ SOLAK 285156N 0555215E	42.8 NM 163° 343°					UNL FL 170 Class A, D			
△ ASMUK 280952N 0560453E	43.4 NM 163° 344°	UNL FL 170							
▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E	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 FREQ
				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) 361011.0N 0573414.9E						
	167° 347°	UNL FL 130	20	↓		Tehran Radar FREQ: 120.700 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		
W136 RNAV 5 above FL285								
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	261° 080°	<u>UNL</u> FL 140 Class A, D	20		↓	Tehran Radar FREQ: 125.700 MHZ MOCA 11300 FT (SAV-HAM) MOCA 12900 FT (HAM-SNJ)		
△ ORLOG 345512N 0490915E	60.3 NM 259° 079°							
▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E	30.0 NM 282° 102°							
▲ 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°							MOCA 12000 FT (SNJ-BOXIX)
▲ NOLTO 351435N 0465623E	3.5 NM 270° 089°			<u>UNL</u> FL 150				
△ ASLAX 351607N 0463118E	20.5 NM 270° 090°			Class A, D				
▲ 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
W137 RNAV 5 above FL285 ▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E ▲ KUVAV 313426N 0585747E ▲ ELOKA 312325N 0595922E ▲ ZABOL VOR/DME(ZAL) 310543.9N 0613230.8E	 094° 275° 101.3 NM 099° 280° 53.7 NM 100° 281° 81.6 NM	 UNL FL 120 Class A, D	 20	 ↓ ↑	 Tehran Control FREQ: 123.900 MHZ MOCA 11100 FT (DAR-ZAL)	

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	333° 152°	<u>UNL</u> FL 110	20		↓	Tehran Control FREQ: 123.900 MHZ MOCA 10000 FT (BAM-ORDAD)
▲ ORDAD 300608N 0575454E	67.7 NM 333° 152°	Class A, D				MOCA 12500 FT (ORDAD-DAR)
▲ EGRES 304855N 0573144E	47.2 NM 333° 152°					
▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E	64.2 NM 355° 174°	<u>UNL</u> FL 130				MOCA 6800 FT (DAR-TBS)
△ SIMDU 325648N 0565611E	69.9 NM 354° 174°	Class A, D				
△ GEVOR 331415N 0565517E	17.5 NM 354° 174°					
▲ TABAS VOR/DME(TBS) 334021.2N 0565330.9E	26.1 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
W141 RNAV 5 above FL285						
▲ LAR DVOR/DME (LAR) 274030.7N 0542454.7E	198° 017°	<u>UNL</u> FL 100 Class A, D	20	↓		Tehran Radar FREQ: 133.400 MHZ Traffic routing from LAR to KIS shall assign odd flight levels. MOCA 9600 FT (LAR-KIS)
△ NABEX 271157N 0541334E	30.3 NM 197° 017°					
△ DELBU 265021N 0540506E	22.9 NM 197° 017°					
▲ KISH ISLAND VOR/DME (KIS) 263130.6N 0535744.7E	20.0 NM 179° 359°	<u>UNL</u> FL 50				Traffic routing from KIS to LAR shall assign even flight levels. MOCA 2500 FT (KIS-ORSAR)
▲ ORSAR 260430N 0535730E	27.1 NM	Class A, D			↑	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
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) MOCA 7300 FT (LAM-DURSI)
▲ 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°					
▲ 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 FREQ
				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: 126.900 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 019° 199°	UNL FL 170				MOCA 16200 FT (YSJ-GESIP)
▲ MIPUL 310010N 0514209E	20.0 NM 019° 199°	Class A, D				
▲ OBTUX 312223N 0515242E	24.0 NM 019° 199°					
△ 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
W147 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	Class A, D				MOCA 2500 FT (LVA-SIR)
△ ALNOL 264055N 0533757E	16.8 NM	<u>UNL</u> FL 60				
▲ KISH ISLAND VOR/DME (KIS) 263130.6N 0535744.7E	20.0 NM	<u>UNL</u> FL 50				
△ IBNUX 261617N 0541208E	20.0 NM	<u>UNL</u> FL 50				
▲ SIRRI ISLAND DVOR/DME (SIR) 255452.5N 0543206.3E	28.0 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
W148 RNAV 5 above FL285						
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	359° 179°	<u>UNL</u> FL 160 Class A, D	20	↓		Tehran Control FREQ: 123.900 MHZ MOCA 13700 FT (KER-ALGUV)
▲ ALGUV 304702N 0565734E	30.0 NM 359° 179°					
▲ PURBO 311346N 0565832E	26.7 NM 001° 180°					
▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E	33.2 NM 054° 234°	<u>UNL</u> FL150 Class A, D				MOCA 13200 FT (ALGUV-PURBO)
▲ NADSA 321438N 0575002E	50.9 NM 054° 234°					
▲ IMPAT 322451N 0580856E	19.0 NM 055° 235°					
▲ BIRJAND DVOR/DME(BJD) 325820.7N 0591200.5E	62.8 NM 032° 213°	<u>UNL</u> FL 260 Class A, D	10			MOCA 11300 FT (BJD – PAMTU)
▲ PAMTU 351006N 0610806E	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
W150 RNAV 5 above FL285						
△ PAXID 361703N 0502021E	021° 201°	UNL FL 200	20	↓		Tehran Radar FREQ: 132.500 MHZ
△ BONUP 363552N 0503041E	20.8 NM	Class A, D				MOCA 15100 FT (PAXID-RSR)
	021° 201°	UNL FL 180				
▲ RAMSAR NDB/DME (RSR) 365412.5N 0504049.6E	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 FREQ
				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 0475323.9E	 306° 126° 25.0 NM 307° 127° 17.4 NM 002° 182° 50.2 NM	 UNL FL 110 Class A, D	 10 20	 ↓ ↑ ↓ ↑	 Tehran Radar FREQ: 132.500 MHZ MOCA 9600 FT (ARB-PAD)	

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				
▲ ROSUM 264741N 0543637E	20.2 NM 318° 137°					
△ NABEX 271157N 0541334E	31.8 NM 318° 138°	Class A, D				MOCA 8300 FT (LEN-ROTAL)
▲ 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						Unidirectional eastbound airway
▲ GIBAB 353213N 0543656E	271° 092°	UNL FL 130 Class A, D	10			Tehran Radar FREQ: 120.700 MHZ MOCA 13000 FT (DHN-GIBAB) Unidirectional eastbound from DHN to GIBAB
▲ UKPOD 353437N 0540603E	25.2 NM 250° 069°					
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	70.4 NM 288° 107°	UNL FL 130 Class A, C			↑	
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	75.2NM 227° 047°	UNL FL 100 Class A, C				Tehran Radar FREQ: 125.700 MHZ
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	23.9 NM 221° 041°	UNL FL 90 Class A, C				
▲ SOGOL 350829N 0503128E	26.1 NM 265° 085°	UNL FL 200 Class A, C				
▲ PEDAR 350826N 0502206E	7.7 NM 265° 085°	UNL FL 180 Class A, D				
△ ENASU 350816N 0500133E	16.8 NM 242° 061°	UNL FL 160 Class A, D				
△ IVELI 343459N 0482952E	82.2 NM 255° 075°	UNL FL 140 Class A, D				
△ ASRIL 342813N 0474513E	37.4 NM 251° 071°	UNL FL 140 Class A, D				
▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E	30.0NM 216° 036°	UNL FL 140 Class A, D				
△ MOKAB 340113N 0465103E	24.8 NM 216° 036°	UNL FL 140 Class A, D				
▲ ILAM DVOR/DME 333442.3N 0462455.4E	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 FREQ
				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° 20.0 NM 057° 237° 38.8 NM	UNL FL 40 Class A, D UNL FL 60 Class A, D	20	↓	↑	Tehran Radar FREQ: 120.700 MHZ MOCA 3200 FT (GGN-DASBU) MOCA 5800 FT (DASBU-KLH)

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
W156 RNAV 5 above FL285 ▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E △ BONUL 364234 0544112E ▲ SHAHROUD VOR/DME(SHR) 362522.3N 0550519.5E						
	127° 307°	UNL FL 150	20	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 12600 FT (GGN-BONUL)
	20.0 NM	Class A, D				
	127° 307°	UNL FL 160				
	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	167° 347°	<u>UNL</u> FL 200	10	↓		Tehran Radar FREQ: 125.700 MHZ
▲ TAVNI 353807N 0465631E	27.6 NM 175° 356°	Class A,D				
▲ NOLTO 351435N 0465623E	23.5 NM 159° 339°	<u>UNL</u> FL 140				MOCA 13300 FT (SNJ-KMS)
△ BOPEL 345005N 0470451E	25.4 NM 168° 348°	Class A, D	20			
▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E	30.0 NM 130° 310°	<u>UNL</u> FL 160				MOCA 13000 FT (KMS-KRD)
▲ BUBAV 335934N 0473612E	30.0 NM 129° 310°	Class A, D				
▲ KHORAM ABAD DVOR/DME(KRD) 332603.1N 0481730.7E	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 <i>FREQ</i>					
				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: 123.900 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° 275°										
△ TULKU 330102N 0585024E	75.1 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.