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
A414 **RNAV 5 above FL285**						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	011° 191° 15.7 NM	UNL FL 150	20	↓ ←		Tehran Radar FREQ: 120.700 MHZ
▲ BUBUX 353023N 0524814E	011° 191° 40.8 NM	Class A, D		→		MOCA 13600 FT (BUBUX-LABET)
▲ LABET 360950N 0530127E	010° 190° 30.0 NM					MOCA 10900 FT (LABET-DNZ)
▲ DASHT-E-NAZ DVOR/DME(DNZ) 363853.6N 0531120.1E	069° 250° 30.0 NM	UNL FL 70	10			MOCA 6600 FT (DNZ-GGN)
△ DATOL 364717N 0534706E	069° 249° 9.7 NM					
△ IMPIR 364958N 0535846E	068° 249° 20.0 NM	Class A, D				
▲ GORGAN DVOR/DME(GGN) 365544.7N 0542233.3E	071° 251° 20.0 NM	UNL FL 110 Class A, D				MOCA 5100 FT (GGN-ALNIT)
△ ALNIT 370022N 0544645E	072° 252° 20.1 NM	UNL FL 130 Class A, D				MOCA 11100 FT (ALNIT-BRD)
△ ORSEK 370517N 0551109E	071° 252° 80.2 NM	UNL FL 130				
△ EGLUL 372407N 0564855E	072° 252° 25.0 NM	Class A, D				
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	054° 234° 39.5 NM	UNL FL 130 Class A, D				
▲ DEBER 375006N 0580200E				↑		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* *Odd* / *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
A416 **RNAV 5 above FL285**					
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	079° 260° 80.2 NM	UNL FL 200	10	↓	Tehran Radar FREQ: 119.300 MHZ MOCA 18000FT (TBZ-ARB)
△ EGVON 381647N 0475421E	080° 260° 25.0 NM	Class A, D			
▲ ARDABIL VOR/DME (ARB) 381856.5N 0482605.1E	132° 313° 25.0 NM	UNL FL 130			MOCA 12200FT (ARB-RST)
△ GIVTA 380050N 0484744E	132° 313° 26.8 NM				
△ GABMI 374115N 0491052E	132° 312° 30.0 NM	Class A, D			
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	112° 292° 30.0 NM	UNL FL 90 Class A, D			MOCA 9000FT (RST-KOBUB)
△ KOBUB 370621N 0501031E	112° 292° 6.9 NM	UNL FL 130			MOCA 12600FT (KOBUB-RSR)
△ EGMAN 370311N 0501827E	112° 292° 20.0 NM	Class A, D			
▲ RAMSAR NDB/DME (RSR) 365412.5N 0504049.6E	106° 286° 20.0 NM	UNL FL 90			MOCA 9000 FT (RSR-NSH)
△ ALKUP 364702N 0510409E	106° 286° 20.4 NM	Class A, D			
▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E	086° 266° 20.0 NM	UNL FL 100			Tehran Radar FREQ: 120.700 MHZ
△ IMKER 363938N 0515239E	085° 265° 33.4 NM	Class A, D			MOCA 2100 FT (IMKER-MODEK)
Cont.				↑	

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					
	068° 249°	Class A, D				
▲ GORGAN DVOR/DME (GGN) 365544.7N 0542233.3E	20.0 NM					
	101° 282°	UNL FL 160	16			MOCA 11700 FT (GGN-LOVEN)
▲ LOVEN 363926N 0553355E	59.6 NM					
	102° 282°					MOCA 10200 FT (LOVEN-SBZ)
▲ ODKOL 363136N 0560702E	27.8 NM					
	102° 283°	Class A, D				
▲ 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				
	073° 254°	UNL FL 200	20			MOCA 11700 FT (RIBUX-MSD)
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E	60.0 NM	Class A, C				
	160° 341°	UNL FL 260		↓		MOCA 12000 FT (MSD-SOKAM)
△ SOGES 351600N 0595822E	60.0 NM					
	161° 342°	Class A				
▲ 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° 35.0 NM	UNL FL 130	20	↓		Tehran Radar FREQ: 133.400 MHZ
△ SITEN 290207N 0525532E	148° 329° 34.9 NM	Class A, C				
▲ KASOL 283147N 0531533E	160° 340° 39.2 NM		10			MOCA 8700 FT (KASOL-VEKUP)
△ VEKUP 275419N 0532853E	160° 340° 26.5 NM					MOCA 7100 FT (VEKUP-SOKEV)
△ SOKEV 272856N 0533749E	161° 341° 39.6 NM	UNL FL 080			→	MOCA 7000 FT (SOKEV-KIS)
▲ PURNA 265056N 0535045E	161° 341° 20.0 NM	Class A, D				
▲ KISH ISLAND DVOR/DME (KIS) 263144.0N 0535713.9E	177° 357° 12.2 NM	UNL FL 50				MOCA 4000 FT (KIS-ORSAR)
▲ VEKEL 261929N 0535721E	177° 357° 14.9 NM	Class A, D			↑	Tehran FIR
▲ ORSAR 260430N 0535730E						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
A422 **RNAV 5 above FL285**						
⧄ UROMIYEH DVOR/DME(UMH) 374114.0N 0450503.7E	065° 245°		10	↓		Tehran Radar FREQ: 119.300 MHZ MOCA 9300 FT (UMH-TBZ)
△ RABEM 374841N 0452949E	21.0 NM 065° 245°	UNL FL 100				
△ SETNA 375615N 0455522E	21.6 NM 043° 223°	Class A, D				
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	18.7 NM 038° 218°	UNL FL 220	20			MOCA 11900 FT (TBZ-PARSU)
▲ MURID 382744N 0463525E	25.9 NM 038° 218°	Class A				
▲ DARUN 383339N 0464235E	8.2 NM 038° 219°	UNL FL 220				
△ DASDA 384135N 0465214E	11.0 NM 039° 219°	Class A				
▲ PARSABAD E MOGHAN NDB (PAD) 393442.7N 0475802.8E	73.7 NM 054° 234°					
▲ PARSU 393748N 0480448E	6.1 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* *Odd* / *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
A453 **RNAV 5 above FL285**					
▲ PIRAN 293407N 0610809E					Karachi FIC
	246° 066° 13.2 NM	UNL FL 120 Class A, D	20	↓	Tehran FIR Tehran Control FREQ: 123.900 MHZ
⧈ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	239° 059° 19.5 NM				MOCA 13000 FT (ZDN-BND)
▲ ULOVI 291948N 0603429E	239° 059° 10.5 NM				
△ PUVMI 291444N 0602357E	239° 059° 31.5 NM	UNL FL 150			
▲ PEKES 285929N 0595221E	239° 058° 87.1 NM	Class A, D			
▲ NABOX 281630N 0582601E	238° 058° 67.4 NM				Tehran Radar FREQ: 120.300 MHZ
△ DAVEP 274226N 0572009E	238° 057° 60.0 NM	UNL FL 150 Class A, C			
▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E	221° 041° 13.3 NM	UNL FL 50	10		MOCA 5000 FT (BND-KHM)
▲ PAVON 270206N 0561149E	222° 041° 22.5 NM	Class A, C		↑	
▲ GHESHM ISLAND NDB/DME (KHM) 264547.1N 0555427.6E	270° 089° 50.5 NM	UNL FL 100		↓	Tehran Radar FREQ: 133.400 MHZ Unidirectional westbound from KHM to MIDSI
▲ SERDU 264715N 0545757E	269 ° 089 ° 19.1 NM				
▲ ROSUM 264741N 0543637E	269 ° 088 ° 67.2 NM	Class A, D			
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	263° 082° 60.3 NM				
Cont.					Tehran FIR

Route designator *Name of significant points* *Coordinates*	*MAG TR* *DIST*	*Upper limits* *Lower limits* *MNM FLT ALT* *Airspace classification*	*Lateral limits (NM)*	*Direction of cruising levels*		*Remarks* *Controlling unit FREQ*
				Odd	*Even*	
1	**2**	**3**	**4**	**5**		**6**
△ KAPIP 264322N 0521403E	262° 082°	UNL FL 100			↓	Tehran Radar FREQ: 133.400 MHZ Unidirectional westbound from KHM to MIDSI
▲ MIDSI 264142N 0515442E	17.4 NM	Class A, D				Tehran FIR Bahrain 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
A647 **RNAV 5 above FL285**						
▲ NAZAR 363929N 0601926E						Ashgabat FIR
	228° 047°	UNL FL 160	10	↓		Tehran FIR Tehran Radar FREQ: 118.900 MHZ MOCA 8400 FT (NAZAR-MSD)
▲ MASHHAD DVOR/DME(MSD) 361352.2N 0593902.0E	41.4 NM	Class A, C		↑		
	269° 088°	UNL FL 190		↓		Unidirectional westbound from MSD to RAGET MOCA 12900 FT (MSD-ORDOB)
△ ORDOB 361609N 0582504E	60.0 NM	Class A, C				
	258° 078°					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	Class A, D				
	255° 075°					
▲ 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	Class A, C				
	276° 095°	UNL FL 90				Tehran Radar FREQ: 125.700 MHZ
▲ IMAM KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	22.8 NM	Class A, C				
	275° 094°					
Cont.	13.5 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**
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E						
	266° 085° 50.0 NM	UNL FL 210 Class A	10	↓		
△ PAVET 352639N 0495301E	229° 049° 37.6 NM	UNL FL 180				Tehran Radar FREQ: 134.400 MHZ Unidirectional westbound from MSD to RAGET
▲ LOXAM 350415N 0491601E	247° 066° 37.3 NM	Class A, D				
▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E	235° 054° 46.0 NM	UNL FL 160				
△ ASRIL 342813N 0474513E	251° 071° 30.0 NM	Class A, D				
▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E	228° 047° 80.5 NM					
▲ RAGET 333048N 0455348E						Tehran FIR Baghdad 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* *Odd* *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
A788 **RNAV 5 above FL285**					
▲ SHIRAZ DVOR/DME (SYZ) 293224.6N 0523519.6E	260° 079° 46.6 NM	UNL FL 150 Class A, C	10	↓	Tehran Radar FREQ: 128.750 MHZ MOCA 12300 FT (SYZ-IVERA)
▲ RUBAK 292617N 0514218E	259° 079° 23.4 NM				
△ IVERA 292303N 0511540E	259° 078° 50.0 NM	UNL FL 150 Class A, D			MOCA 7400 FT (IVERA-KHG)
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	243° 063° 47.7 NM				MOCA 2600 FT (KHG-PATIR)
▲ PATIR 285606N 0492923E				↑	Tehran FIR Kuwait 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
A791 **RNAV 5 above FL285**						
▲ IMLOT						Muscat FIR
251713N 0570800E	091° 271°		20	↓		Tehran FIR Tehran Radar FREQ: 132.700 MHZ MOCA 3500 FT (IMLOT-EGRON)
▲ KATUS	35.3 NM					
251600N 0574700E	091° 272°	UNL FL 130				
▲ PEDEX	85.6 NM	Class A, D				
251211N 0592131E	092° 272°	UNL FL 60				
▲ KINOX	43.7 NM					
250945N 0600942E	092° 272°	Class A, D				
▲ EGPIC	25.2 NM					
250811N 0603730E	092° 273°					
▲ EGRON	50.2 NM				↑	Tehran FIR
250444N 0613245E						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
B121 **RNAV 5 above FL285**						
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	299° 118° 30.0 NM	UNL FL 130 Class A, D	20	↓		Tehran Radar FREQ: 119.300 MHZ MOCA 18000 FT (RST-MAGRI)
△ SIVIT 373553N 0490511E	298° 118° 123.5 NM	UNL FL 250				
△ DASDA 384135N 0465214E	294° 114° 26.0 NM	Class A	10	↑		Tehran FIR
▲ MAGRI 385408N 0462300E						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
B411 **RNAV 5 above FL285**						
▲ PAXAT 332056N 0460519E	046° 227°	UNL FL 130	20	↓		Baghdad FIR Tehran FIR Tehran Radar FREQ: 134.400 MHZ
▲ ILAM DVOR/DME (ILM) 333442.3N 0462455.4E	21.4 NM 049° 230°	Class A, D UNL FL 200				MOCA 9600FT (PAXAT-ILM)
▲ 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				
▲ 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.

Route designator *Name of significant points* *Coordinates*	*MAG TR* *DIST*	*Upper limits* *Lower limits* *MNM FLT ALT* *Airspace classification*	*Lateral limits (NM)*	*Direction of cruising levels*		*Remarks* *Controlling unit FREQ*
				Odd	*Even*	
1	**2**	**3**	**4**	**5**		**6**
△ RABAM 355442N 0572955E	077° 258°	UNL FL 130	10	↓		
▲ LOXED 355854N 0580609E	29.6 NM 078° 258°	Class A, D				Tehran Radar FREQ: 118.900 MHZ Unidirectional eastbound from DHN to MSD
△ RIBUX 360112N 0582647E	16.8NM 073° 254°	UNL FL 200	20			MOCA 12900 FT (RIBUX-MSD)
▲ MASHHAD DVOR/DME(MSD) 361352.2N 0593902.0E	60.0 NM 127 ° 308 °	Class A, C UNL FL 260	10	↓		MOCA 9400 FT (MSD-TANBU)
△ TANBU 353422N 0603430E	60.0 NM 127 ° 308 °	Class A				MOCA 8900 FT (TANBU-PAMTU)
▲ PAMTU 351006N 0610806E	36.6 NM				↑	Tehran FIR Kabul 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
B416 **RNAV 5 above FL285**						
▲ KUVER 280925N 0500600E						Bahrain FIR/UIR
	114° 294° 64.2 NM	UNL FL 50 Class A, D	30	↓		Tehran FIR Tehran Radar FREQ: 128.750 MHZ MOCA 2500FT (KUVER-EGMIT)
▲ IMDAT 274100N 0511100E						
	120° 301° 53.4 NM					Tehran Radar FREQ: 133.400 MHZ
▲ DURSI 271219N 0520144E						
	120° 300° 14.3 NM	UNL FL 150				
▲ PEGET 270434N 0521515E						
	120° 301° 56.6 NM	Class A, D				
△ EGMIT 263340N 0530825E						
	121° 301° 26.6 NM					MOCA 3000 FT (EGMIT-ORSAR)
▲ LEVNA 261901N 0533312E						
	121° 301° 26.2 NM				↑	Tehran FIR
▲ ORSAR 260430N 0535730E						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
B417 **RNAV 5 above FL285**						
△ EGVEL 344258N 0503005E	190° 010° 99.1 NM	UNL FL 140 Class A, D	10	↓		Tehran Radar FREQ: 134.400 MHZ
▲ UKITA 330657N 0500041E	190° 010° 85.4 NM	UNL FL 160 Class A, D				Tehran Radar FREQ: 134.400 MHZ MOCA 15500FT (UKITA- IMKEN)
▲ IMKEN 314407N 0493611E	195° 015° 74.5 NM	UNL FL 140 Class A, D				
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	182° 002° 37.8 NM	UNL FL 100 Class A, D	20			MOCA 2500FT (MAH-UKNAR)
▲ UKNAR 295538N 0490450E	182° 002° 16.8 NM	UNL FL 150 Class A, D		↑		MOCA 2000FT (UKNAR-TULAX) Tehran FIR
▲ TULAX 293853N 0490301E						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	359° 179° 30.0 NM	UNL FL 160	20	↓		Tehran Control FREQ: 125.350 MHZ MOCA 13700 FT (KER-ALGUV)
▲ ALGUV 304702N 0565734E	359° 179° 26.7 NM	Class A, D		↑		MOCA 13200 FT (ALGUV-PURBO)
▲ PURBO 311346N 0565832E	001° 180° 33.2 NM			↓		
▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E	054° 234° 50.9 NM	UNL FL150				
▲ NADSA 321438N 0575002E	054° 234° 19.0 NM	Class A, D				
▲ IMPAT 322451N 0580856E	055° 235° 62.8 NM					
▲ BIRJAND DVOR/DME(BJD) 325820.7N 0591200.5E	032° 213° 163.0NM	UNL FL 260 Class A, D	10		↑	MOCA 11300 FT (BJD – PAMTU)
▲ PAMTU 351006N 0610806E						

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	254° 073°	UNL FL 110	20		↓	Ashgabat FIR Tehran FIR Tehran Radar FREQ: 118.900 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 MOCA 10800FT (MSD-BJD)
△ NOTSO 351416N 0593034E	60.0 NM 183° 003°	UNL FL 140				
△ 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 185° 006°				↑ ↓	Traffic routing from BJD to MSD shall assign even flight levels Tehran Control FREQ: 125.350 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			↑		

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°		16	↓		Tehran Radar FREQ: 120.700 MHZ
▲ RAPKI 353454N 0532208E	37.4 NM 054° 234°	UNL FL 180				
▲ 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°	Class A, D				
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	25.0 NM 054° 234°	UNL FL130				MOCA 12000FT (BRD -DEBER)
▲ 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
B541 **RNAV 5 above FL285**						
▲ LAR DVOR/DME (LAR) 274030.7N 0542454.7E	198° 017°		20	↓		Tehran Radar FREQ: 133.400 MHZ Traffic routing from LAR to KIS shall assign odd flight levels.
		UNL				
△ NABEX 271157N 0541334E	30.3 NM 198° 018°	FL 100 Class A, D				MOCA 9600 FT (NABEX-KIS)
△ DELBU 265035N 0540452E	22.7 NM 198° 017°					
▲ KISH ISLAND DVOR/DME (KIS) 263144.0N 0535713.9E	20.0 NM 177° 357°	UNL FL 50				Traffic routing from KIS to LAR shall assign even flight levels. MOCA 2500 FT (KIS-ORSAR)
▲ VEKEL 261929N 0535721E	12.2 NM 177° 357°	 Class A, D				
▲ ORSAR 260430N 0535730E	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 FREQ*
				Odd	*Even*	
1	2	3	4	5		6
B547 **RNAV 5 above FL285**						
▲ PERSIAN GULF DVOR/DME(PRG) 272137.2N 0524552.0E	134° 314° 45.6 NM	UNL FL 80 Class A, D	10	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 6300 FT (PRG-LVA)
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	115° 295° 16.3 NM	UNL FL 60				MOCA 2500 FT (LVA-SIR)
△ ALNOL 264106N 0533730E	115° 295° 20.0 NM	Class A, D				
▲ KISH ISLAND DVOR/DME (KIS) 263144.0N 0535713.9E	136° 316° 16.0 NM	UNL FL 50			←	
△ UKVUP 261940N 0540855E	139° 319° 4.0 NM					
△ IBNUX 261629N 0541143E	137° 317° 28.3 NM	Class A, D			↑	
▲ SIRRI ISLAND DVOR/DME (SIR) 255452.5N 0543206.3E						

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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
G55 **RNAV 5 above FL285**						
ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	117° 297°		20	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 2800 FT (ABD-BUZ)
IBSAL 300631N 0484406E	31.1 NM 118° 298°					
UKNAR 295538N 0490450E	21.0 NM 118° 298°	UNL FL 30				
IBKUG 292601N 0500017E	56.6 NM 118° 299°	Class A, D				
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°	UNL FL 100 Class A, D				MOCA 6200 FT (BUZ-KATUR)
VATOB 285126N 0511636E	24.4 NM 056° 236°	UNL FL 120 Class A, D				
KATUR 285639N 0512629E	10.1 NM 056° 236°	UNL FL 130				MOCA 12500 FT (KATUR-SYZ)
TOTNO 291052N 0515336E	27.7 NM 056° 237°	Class A, C				
SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	42.3 NM			↑		

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Route designator *Name of significant points* *Coordinates*	*MAG TR* *DIST*	*Upper limits* *Lower limits* *MNM FLT ALT* *Airspace classification*	*Lateral limits (NM)*	*Direction of cruising levels*		*Remarks* *Controlling unit FREQ*
				Odd	*Even*	
1	2	3	4	5		6
G202 **RNAV 5 above FL285**						
▲ RAGET						Baghdad FIR
333048N 0455348E	078° 258°		20	↓		Tehran FIR Tehran Radar FREQ: 125.700 MHZ MOCA 10900FT (RAGET - KRD)
▲ ILAM	26.2 NM					
DVOR/DME(ILM) 333442.3N 0462455.4E	091° 271°	UNL FL 130				
▲ ALTET	30.0 NM	Class A, D				
333209N 0470047E	091° 271°					
▲ MIPON	44.4 NM					
332801N 0475344E	091° 271°					
▲ KHORAM ABAD	20.0 NM					
DVOR/DME(KRD) 332603.1N 0481730.7E	098° 278°					Tehran Radar FREQ: 126.900 MHZ MOCA 11000FT (KRD-GENUM)
▲ GENUM	8.1 NM					
332421N 0482701E	098° 278°					MOCA 11200FT (GENUM-UKSIS)
▲ UKSIS	11.2 NM					
332159N 0484002E	098° 278°	UNL FL 160				MOCA 15400FT (UKSIS-RASLA)
▲ NOTSA	19.9 NM	Class A, D				
331745N 0490315E	098° 278°					
▲ RASLA	26.5 NM					
331202N 0493409E	099° 279°					MOCA 15000FT (RASLA -ISN)
▲ UKITA	22.8 NM					
330657N 0500041E	099° 279°					
△ BOMID	34.3 NM					
325904N 0504029E	099° 280°	UNL FL 160				
▲ IMRAG	31.4 NM					
325142N 0511643E	100° 280°	Class A, C				
⧊ ESFAHAN	28.6 NM					
DVOR/DME (ISN) 324449.1N 0514940.9E	084° 264°	UNL FL 170				Tehran Radar FREQ: 125.700 MHZ
Cont.	34.0 NM	Class A, C		↑		

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
▲ 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-VEGUN)
▲ VEGUN 325734N 0574003E	44.8 NM 085° 266°					MOCA 10500 FT (VEGUN-ROSOS)
▲ ROSOS 325815N 0584814E	57.4 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

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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
G208 **RNAV 5 above FL285**						
▲ ALRAM						Ankara FIR
374230N 0443736E	089° 269°	UNL FL 160	10	↓		Tehran FIR Tehran Radar FREQ: 119.300 MHZ
		Class A, D				MOCA 12700 FT (ALRAM-UMH)
⧊ UROMIYEH DVOR/DME (UMH) 374114.0N 0450503.7E	21.8 NM 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.
△ TOTBO 373455N 0452858E	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 109° 291°	Class A, D UNL FL 180				
△ PAROT 361128N 0495841E	61.0 NM 124° 304°	Class A, D FL280 FL130	10			
▲ GOLNU 355711N 0502052E	22.9 NM 124° 304°	Class A, C				
▲ VEBER 354209N 0504400E	24.0 NM 124° 304°	FL280 FL210				Tehran Control FREQ: 134.400 MHZ
IMAM ▲ KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	27.9 NM 113° 294°	Class A				Tehran Control FREQ: 120.700 MHZ
▲ 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 FREQ*
				Odd	*Even*	
1	**2**	**3**	**4**	**5**		**6**
▲ ROVAD 333131N 0535240E	120° 301° 67.2 NM	FL280 FL130 Class A. D	10	↓		Tehran Control FREQ: 125.350 MHZ
▲ NODLA 325330N 0545850E	120° 300° 24.8 NM	FL280 FL110 Class A. D				MOCA 8900 FT (NODLA- DAR)
▲ SOGOT 324008N 0552339E	119° 300° 75.2 NM					
▲ NIVRA 315905N 0563810E	120° 301° 21.9 NM					
▲ DARBAND VOR/DME (DAR) 314659.4N 0565940.4E	120° 301° 112.9 NM	FL280 FL110 Class A. D				MOCA 10200 FT (DAR- ZDN)
▲ BOPAG 304413N 0584929E	122° 302° 66.1 NM					
▲ TOVUS 300643N 0595235E	122° 303° 35.3 NM					
△ DAPAP 294630N 0602554E	123° 303° 30.0 NM		20		↑	
⛆ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	135° 315° 30.0 NM	FL280 FL150 Class A. D		↓		Unidirectional eastbound from ZDN to KEBUD MOCA 9400 FT (ZDN- KEBUD)
△ OBSEL 290706N 0611717E	136° 317° 122.6 NM	FL280 FL170 Class A. D	10			
▲ KEBUD 273552N 0625024E						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
G452 **RNAV 5 above FL285**						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	075° 258° 70.0 NM	UNL FL 190 Class A, C	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 13000 FT (SYZ-NALBI)
△ NALBI 294650N 0535357E	075° 256° 34.0 NM					
▲ RIKAS 295337N 0543224E	076° 256° 44.7 NM					Tehran Radar FREQ: 120.300 MHZ
▲ DAVUT 300214N 0552301E	076° 257° 52.4 NM		10			MOCA 12600 FT (DAVUT- GETIS)
△ GETIS 301145N 0562226E	077° 257° 30.0 NM					MOCA 11400 FT (GETIS -KER)
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	099° 279° 30.0 NM	UNL FL 190	20			Tehran Control FREQ: 123.900 MHZ MOCA 15900 FT (KER-ORDAD)
△ ALKES 301045N 0573025E	099° 280° 21.7 NM	Class A, D				
▲ ORDAD 300608N 0575454E	101° 282° 41.7 NM					
▲ SILKO 295558N 0584138E	100° 281° 88.0 NM	UNL FL 170				
△ ITBIR 293628N 0602030E	101° 282° 30.0 NM	Class A, D				
⊠ ZAHEDAN VOR/DME (ZDN) 292912.3N 0605405.7E	097° 278° 20.3 NM	UNL FL 120				MOCA 9900 FT (ZDN-DERBO)
▲ DERBO 292542N 0611701E		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° 36.3 NM	UNL 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)
△ PAPOK 384439N 0462105E	004° 184°	Class A, D				
▲ 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	218° 038° 60.0 NM	UNL FL 190 Class A, C	20	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 12000 (MSD- TBS)
△ RAMIL 352909N 0584941E	218° 037° 84.7 NM	UNL FL 130 Class A, D				
▲ TASLU 342531N 0574131E	217° 038° 22.6 NM	UNL FL 130				
▲ PATEN 340825N 0572334E	219° 038° 37.5 NM	Class A, D				
▲ TABAS VOR/DME (TBS) 334021.2N 0565330.9E	228° 048° 18.3 NM					Tehran Control FREQ: 125.350 MHZ MOCA 9200 (TBS-ORSOK)
▲ RIBEN 332902N 0563620E	228° 048° 17.8 NM					
▲ ALMUD 331758N 0561941E	228° 048° 36.7 NM					
▲ ORSOK 325502N 0554532E	228° 048° 23.7 NM	UNL FL 150 Class A, D				MOCA 12200 (ORSOK-YZD)
▲ SOGOT 324008N 0552339E	228° 047° 17.8 NM					
▲ DANEM 322854N 0550717E	227° 047° 25.2 NM					
△ BOMIT 321257N 0544414E	227° 047° 30.0 NM					MOCA 12300 (BOMIT-YZD)
▲ YAZD VOR/DME (YZD) 315351.6N 0541657.7E	209° 029° 30.0 NM	UNL FL 170				MOCA 15300 (YZD - BONEG)
△ BONEG 312826N 0535815E	209° 029° 38.2 NM	Class A, D		↑		
Cont.						

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° 28.1 NM	UNL FL 170 Class A, D	20		↓	Tehran Radar FREQ: 133.400 MHZ MOCA 13000 FT (DEDAK-SYZ)
△ KINOT 303207N 0531731E						
	209° 029° 70.0 NM	UNL FL 170 Class A, C				
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E						
	211° 031° 46.2 NM	UNL FL 130				MOCA 11700FT (SYZ-DASDO)
▲ DASDO 285401N 0520551E				↑		
	211° 031° 23.8 NM	Class A, C			↓	Unidirectional westbound from DASDO to ALSER MOCA 7900 FT (DASDO-IMDAT)
△ DEPSU 283409N 0515047E						
	211° 031° 63.8 NM	UNL FL 130 Class A, D				
▲ IMDAT 274100N 0511100E						
	210° 030° 35.7 NM	UNL FL 50 Class A, D				MOCA 2500 FT (IMDAT-ALSER)
▲ ALSER 271047N 0504932E						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
G665 **RNAV 5 above FL285**						
ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	097° 278° 26.6 NM	UNL FL 50	20	↓		Tehran Radar FREQ: 126.900 MHZ MOCA 2500 FT (ABD-VATAN)
DEMPO 301717N 0484329E	098° 279° 46.0 NM	Class A, D				
VATAN 300800N 0493533E	099° 280° 70.7 NM	UNL FL 170 Class A, D				MOCA 11900 FT (VATAN-SYZ)
BOTAS 295241N 0505515E	100° 280° 19.4 NM					
KAVIL 294820N 0511704E	100° 280° 9.5 NM	UNL FL 170 Class A, C				
EGSIR 294615N 0512735E	100° 280° 26.4 NM					MOCA 12000FT (EGSIR-ITSIM)
ITSIM 294018N 0515708E	100° 280° 34.2 NM					MOCA 12000FT (ITSIM- SYZ)
SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	100° 281° 70.0 NM	UNL FL 160 Class A, C				Tehran Radar FREQ: 133.400 MHZ MOCA 12000FT (SYZ-NANTO)
VAVAS 291650N 0535340E	100° 281° 79.4 NM					
BOTUX 285828N 0552205E	101° 282° 27.2 NM					Tehran Radar FREQ: 120.300 MHZ
SOLAK 285156N 0555215E	102° 282° 16.3 NM	UNL FL 160				
ASMET 284758N 0561019E	102° 282° 25.6 NM	Class A, D				
NANTO 284140N 0563831E	102° 282° 39.9 NM					MOCA 15000 FT (NANTO-LOXOL)
RIGUT 283136N 0572226E	102° 283° 58.0 NM					
Cont.				↑		

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
▲ NABOX 281630N 0582601E	102° 283°	→ UNL FL 160	20	↓		Tehran Control FREQ: 123.900 MHZ
▲ LOXOL 274556N 0604538E	127.1 NM 109° 290°	→ Class A, D 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 FREQ*
				Odd	*Even*	
1	2	3	4	5		6
G666 **RNAV 5 above FL285**						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	164° 344° 70.0 NM	UNL FL 130 Class A, C	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 12400 FT (SYZ-LAM)
△ KUPTO 282418N 0525432E	164° 345° 63.8 NM	UNL FL 130 Class A, D				
▲ LAMERD VOR/DME (LAM) 272222.2N 0531102.3E	163° 343° 34.9 NM				↑	MOCA 6700 FT (LAM-LVA)
▲ LAVAN ISLAND DVOR/DME(LVA) 264843.4N 0532121.1E	138° 318° 19.8 NM	UNL FL 80		↓		Unidirectional eastbound from LVA to ORSAR MOCA 2800 FT (LVA-ORSAR)
▲ DATUT 263332N 0533538E	144° 324° 15.0 NM	Class A, D				
▲ ELIRA 262105N 0534502E	144° 324° 20.0 NM					
▲ ORSAR 260430N 0535730E						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
G667 **RNAV 5 above FL285**						
▲ PUTMA						Turkmenbashi FIR
374800N 0515736E	194° 014°	UNL FL 150	10		↓	Tehran FIR Tehran Radar FREQ: 132.500 MHZ
▲ GIVSI	39.7 NM					MOCA 3000 FT (PUTMA-GIVSI)
371031N 0514109E	194° 014°	Class A, D				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	20.0 NM					
362001N 0512408E	184° 004°	Class A, D				
△ NAGMO	18.0 NM					
360214N 0512055E	185° 005°	UNL FL 170				MOCA 15700 FT (NAGMO-TRN)
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	20.7 NM 227° 047°	Class A, C UNL FL 100				Tehran Radar FREQ: 134.400 MHZ MOCA 10000 FT (TRN-RUS)
▲ RUDESHUR	23.9 NM	Class A, C				
VOR/DME (RUS) 352643.7N 0505419.3E	221° 041°	UNL FL 90				MOCA 7600 FT (RUS-SAV)
▲ SOGOL	26.1 NM					
350829N 0503128E	221° 041°	Class A, C				
▲ SAVEH	10.5NM			↑		
NDB/DME (SAV) 350106.8N 0502216.9E	201° 021°	UNL FL 140				Tehran Radar FREQ: 134.400 MHZ Unidirectional eastbound from AWZ to SAV MOCA 13900 FT (SAV- RASLA)
▲ ARAK	58.7 NM					
VOR/DME (ARK) 340813.9N 0495113.8E	190° 010°	Class A, D				
▲ RASLA	58.0 NM					
331202N 0493409E	190° 010°	UNL FL 150				Tehran Radar FREQ: 134.400 MHZ MOCA 14600 FT (RASLA- ALTAX)
▲ ALTAX	43.1 NM	Class A, D				
323014N 0492142E	190° 010°	UNL FL 170				MOCA 10900 FT (ALTAX-EGVAX)
▲ NAGRO	20.6 NM	Class A, D				
321015N 0491549E	190° 010°					
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				
△ EGVAX	15.5 NM	Class A, D		↑		
314337N 0490802E	216° 036°		10 ←			MOCA 4700 FT (EGVAX -AWZ)
▲ AHWAZ	30.0 NM		→	↑		
DVOR/DME(AWZ) 312015.3N 0484552.5E	203° 023°	UNL FL 50	→		↓	Tehran Radar FREQ: 126.900 MHZ MOCA 2600 FT (AWZ-ABD)
△ GABSU 305319N 0483035E	30.0 NM 202° 022°	Class A, D				
◪ ABADAN	34.2 NM			↑		
DVOR/DME(ABD) 302231.1N 0481314.2E						

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	10	↓		Kuwait FIR Tehran FIR Tehran Radar FREQ: 128.750 MHZ MOCA 2600 FT (NANPI-KHG)
△ VELUT 291001N 0495341E	19.7 NM 072° 252°	Class A, D				
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	22.9 NM 078° 259°					MOCA 7400 FT (KHG-IVERA)
△ IVERA 292303N 0511540E	50.0 NM 079° 259°	UNL FL 150				MOCA 12300 FT (IVERA-SYZ)
▲ 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 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.
△ MODIL 374925N 0494117E	30.0 NM 001° 181°					MOCA 2600 FT (RST-LALDA)
→ ▲ RIKIS 380230N 0494311E	13.1 NM 001° 181°	Class A, D				Traffic routing from LALDA to RST shall be assigned odd flight levels.
▲ LALDA 381615N 0494511E	13.8 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
G775 **RNAV 5 above FL285**						
▲ ORPAB 374200N 0583430E	145° 325°	UNL FL 160	20	↓		Ashgabat FIR Tehran FIR Tehran Radar FREQ: 118.900 MHZ MOCA 11800 FT (ORPAB - MSD)
△ MIDMO 370543N 0590124E	42.1 NM 145° 326°	Class A, D UNL FL 160				
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E	60.0 NM 182° 003°	Class A, C UNL FL 170		↑ ↓		Tehran Radar FREQ: 118.900 MHZ Traffic routing from MSD to BJD shall be assigned odd flight levels
△ NOTSO 351416N 0593034E	60.0 NM 183° 003°	Class A, C				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 be assigned even flight levels Tehran Control FREQ: 125.350 MHZ MOCA 11200 FT (BJD-ZDN)
△ ODBES 323050N 0592556E	29.9 NM 154° 335°	UNL FL 130				
▲ 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						Ankara FIR
380300N 0441800E	110° 290°	UNL FL 150	10	↓		Tehran FIR Tehran Radar FREQ: 119.300 MHZ
△ TUDNU	23.4 NM					MOCA 11300 FT (BONAM-UMH)
375301N 0444447E	121° 301°	Class A, D				
⍓ UROMIYEH DVOR/DME(UMH)	20.0 NM					
374114.0N 0450503.7E	118° 299°					MOCA 8600 FT (UMH-ROVON)
△ TUBAR	20.0 NM					
373018N 0452609E	119° 299°	UNL FL 130				
△ ROVON	25.9 NM					
371601N 0455322E	099° 280°	Class A, D				MOCA 12300 FT (ROVON-ZAJ)
▲ ZANJAN VOR/DME (ZAJ)	121.6 NM					
364646.8N 0482111.9E	088° 269°	UNL FL 260				MOCA 14400 FT (ZAJ-NSH)
▲ LABKA	114.3 NM					
364142N 0504342E	088° 269°	Class A				
▲ NOSHAHR DVOR/DME (NSH)	35.5 NM				↑	
363946.1N 0512751.4E						

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						Kabul FIR
351006N 0610806E	308° 127°	UNL FL 260	10		↓	Tehran FIR Tehran Radar FREQ: 118.900 MHZ MOCA 9400 FT (PAMTU -MSD)
△ TANBU 353422N 0603430E	36.6 NM 308° 127°	Class A				
▲ 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				
▲ BOJNORD DVOR/DME (BRD) 372942.2N 0571923.8E	39.0 NM 303° 123°	UNL FL 160				MOCA 8500 FT (BRD-GIRUN)
▲ 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 above FL285**						Unidirectional eastbound airway
▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E	004° 184°	UNL FL 200	10	↓		Tehran Radar FREQ: 134.400 MHZ
△ ENASU 350816N 0500133E	60.6NM	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
J6 **RNAV 5 above FL285**						
▲ SAVEH NDB/DME (SAV) 350106.8N 0502216.9E	192° 012°	FL200 FL170	10	↓		Tehran Radar FREQ: 134.400 MHZ
△ DEKBA 342145N 0500832E	41.0NM	Class C, D		↑		

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

Route designator *Name of significant points* *Coordinates*	*MAG TR* *DIST*	*Upper limits* *Lower limits* *MNM FLT ALT* *Airspace classification*	*Lateral limits (NM)*	*Direction of cruising levels*		*Remarks* *Controlling unit FREQ*
				Odd	*Even*	
1	2	3	4	5		6
J7 **RNAV 5 above FL285**						
△ PAROT 361128N 0495841E	111° 292°	UNL FL 160	10	↓		Tehran Radar FREQ: 132.500 MHZ
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	70.0 NM	Class A, C				
	128° 309°	UNL FL 130				Tehran Radar FREQ: 120.700 MHZ
△ RADAL 345423N 0522023E	70.0 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**
R462 **RNAV 5 above FL285**						
▲ DENDA						Muscat FIR
244224N 0605451E	065° 245°	UNL FL 60	20	↓		Tehran FIR Tehran Radar FREQ: 132.100 MHZ MOCA 3500 FT (DENDA-METBI)
▲ METBI	33.3 NM	Class A, D			↑	Tehran FIR
245556N 0612816E						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* *Odd* | *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
R654 **RNAV 5 above FL285**					
▲ MAGRI					Yerevan FIR
385408N 0462300E	138° 319°		10	↓	Tehran FIR Tehran Radar FREQ 119.300 MHZ MOCA 11300 FT (MAGRI-GODNA)
▲ DARUN	25.6 NM				
383339N 0464235E	138° 318°	UNL FL 280			
▲ GODNA	16.1 NM				
382033N 0465457E	138° 318°				MOCA 13000 FT (GODNA-ZAJ)
▲ BUDED	34.0 NM				
375313N 0472032E	138° 319°	Class A			
▲ DAMOS	33.3 NM				
372619N 0474521E	139° 320°				
▲ ZANJAN	48.8 NM				
VOR/DME (ZAJ) 364646.8N 0482111.9E	132° 312°	UNL FL 130	20		Tehran Radar FREQ 132.500 MHZ MOCA 11300 FT (ZAJ-SAV)
△ TULGU	25.0 NM				
362836N 0484235E	132° 314°	Class A, D			
▲ SAVEH	119.2 NM				
NDB/DME (SAV) 350106.8N 0502216.9E	156° 336°	UNL FL 160			Tehran Radar FREQ: 134.400 MHZ MOCA 7500 FT (SAV- EGVEL)
△ EGVEL	19.2 NM				
344258N 0503005E	157° 337°	Class A, D			MOCA 13600 FT (EGVEL - PEKAM)
△ PEKAM	78.3 NM				
332904N 0510118E	134° 315°	UNL FL 150	10		MOCA 11400 FT (PEKAM-ISN)
⊠ ESFAHAN	60.0 NM	Class A, C			
DVOR/DME(ISN) 324449.1N 0514940.9E	109° 289°	UNL FL 160	20		**Note:** Closed for over flight from ISN to YZD MOCA 11300 FT (ISN-TOVTA)
△ LADAL	60.0 NM	Class A, C			
322226N 0525543E	109° 290°	UNL FL 160			Tehran Control FREQ: 125.350 MHZ
△ TOVTA	44.5 NM				
320528N 0534421E	109° 289°				MOCA 11600 FT (TOVTA-YZD)
▲ YAZD	30.0 NM				
VOR/DME(YZD) 315351.6N 0541657.7E	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
△ BOMUN 313648N 0544555E	122° 302° 53.7 NM	UNL FL 160 Class A, D	20	↓		MOCA 11100 FT (BOMUN-UKVEV)
△ UKVEV 310557N 0553718E	122° 303° 54.0 NM					MOCA 12500 FT (UKVEV-ALMOB)
△ ALMOB 303434N 0562824E	123° 303° 30.0 NM	UNL FL 180				MOCA 11600 FT (ALMOB-KER)
▲ KERMAN DVOR/DME (KER) 301658.1N 0565632.3E	144° 324° 30.0 NM	Class A, D				MOCA 15600 FT (KER-ALKUL)
△ ALKUL 295152N 0571535E	144° 325° 62.6 NM					Tehran Control FREQ: 123.900 MHZ MOCA 15900 FT (ALKUL -PEDUK)
▲ PEDUK 285920N 0575447E	145° 325° 50.9 NM					
▲ NABOX 281630N 0582601E	146° 326° 98.2 NM					Tehran Radar FREQ: 120.300 MHZ MOCA 9300 FT (NABOX-CBH)
▲ LADPA 265331N 0592514E	146° 326° 15.7 NM	UNL FL 130				
△ DUGLI 264014N 0593431E	146° 327° 18.1 NM					
▲ NAGES 262451N 0594514E	147° 327° 38.4 NM	Class A, D				
△ EGPER 255210N 0600737E	147° 328° 30.0 NM					
▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E	147° 327° 21.8 NM	UNL FL 160				MOCA 4000 FT (CBH-DENDA)
▲ EGPIC 250811N 0603730E	147° 328° 30.2 NM	Class A, D				
▲ DENDA 244224N 0605451E				↑		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* *Odd* / *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
R659 **RNAV 5 above FL285**					
▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E	151° 331°	UNL FL 130	10		Tehran Radar FREQ: 134.400 MHZ MOCA 12000 FT (TRN- SOLIR)
▲ SOLIR 345648N 0514134E	49.2 NM 151° 331°	Class A, C			MOCA 6400 FT (SOLIR- BOXAM)
△ BOXAM 343749N 0515147E	20.7 NM 153° 333°	UNL FL 200			MOCA 9800 FT (BOXAM-DAPOG)
▲ VAVIN 341709N 0520247E	22.6 NM 153° 333°	Class A, D			
△ DAPOG 333744N 0522331E	43.0 NM 205° 025°	UNL FL 160			Unidirectional (westbound) from ISN to TRN. TFC routing from ISN to TRN shall be assigned even flight level.
⧊ ESFAHAN DVOR/DME(ISN) 324449.1N 0514940.9E	60.0 NM 165° 346°	Class A, D UNL FL 150	20	↑ ↓	MOCA 12200 FT (DAPOG-ISN) Tehran Radar FREQ: 126.900 MHZ MOCA 13400 FT (ISN-KAVOT)
▲ GIDEN 320039N 0520026E	45.0 NM 165° 346°	Class A, C			
△ GESIP 314556N 0520359E	15.0 NM 166° 346°	UNL FL 150 Class A, D			
△ KAVOT 304111N 0521922E	65.9 NM 166° 346°	UNL FL 150 Class A, C			MOCA 13200 FT (KAVOT-SYZ)
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	70.0 NM 189° 009°	UNL FL 130		↑ ↓	Tehran Radar FREQ: 133.400 MHZ MOCA 11600 FT (SYZ-MIDSI)
▲ LAGSA 283306N 0522056E	60.5 NM 189° 009°	Class A, C			
△ KATAG 282346N 0521841E	9.5 NM 190° 010°	UNL FL 130		↑ ↓	Unidirectional westbound from KATAG to MIDSI
▲ DURSI 271219N 0520144E	72.8 NM 189° 009°				
▲ KAVAM 265737N 0515818E	15.0 NM 189° 009°	Class A, D			
▲ 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 **RNAV 5 above FL285**						
▲ TEHRAN DVOR/DME(TRN) 354149.1N 0511701.6E	317° 136° 36.5 NM	UNL FL 170 Class A, C	20		↓	Tehran Radar FREQ: 132.500 MHZ MOCA 15600 FT (TRN-RST)
△ NABAX 360955N 0504816E	317° 136° 60.1 NM	UNL FL 170				
△ DEDLA 365620N 0500044E	317° 137° 30.0 NM	Class A, D				
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E	283° 102° 30.0 NM					MOCA 13000 FT (RST-DASIS)
△ RALGO 372840N 0490112E	282° 101° 83.6 NM	UNL FL 160				
▲ BUDED 375313N 0472032E	281° 101° 11.0 NM	FL Class A, D				
△ RAKED 375621N 0470712E	281° 101° 45.0 NM					
▲ TABRIZ DVOR/DME (TBZ) 380853.5N 0461246.6E	291° 110° 37.9 NM					
▲ VUVAG 382529N 0452926E	291° 110° 6.8 NM	UNL FL 240				
△ BORES 382829N 0452137E	291° 110° 60.0 NM	Class A				
▲ DASIS 385435N 0441230E				↑		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* *Odd* / *Even*	*Remarks* *Controlling unit FREQ*
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°	UNL FL 200			
▲ 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			
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	85.6 NM 118° 298°	UNL FL 130			MOCA 12000 FT (ZAJ-RUS)
△ SUTBU 363324N 0484732	25.0 NM 118° 299°	Class A, D			
△ 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 UNL FL 90			Tehran Radar FREQ: 134.400 MHZ MOCA 6900 FT (RUS-VR)
▲ 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			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 FREQ*
				Odd	*Even*	
1	**2**	**3**	**4**	**5**		**6**
R784 **RNAV 5 above FL285**						
▲ NANPI 290457N 0493157E	130° 310°		30	↓		Kuwait FIR Tehran FIR Tehran Radar FREQ: 128.750 MHZ MOCA 2500 FT (NANPI-EGMIT)
▲ ALNIN 283306N 0501036E	46.5 NM 131° 312°					Tehran Radar FREQ: 133.400 MHZ
▲ IMDAT 274100N 0511100E	74.5 NM 120° 301°	UNL FL 150				
▲ DURSI 271219N 0520144E	53.4 NM 120° 300°	Class A, D				
▲ PEGET 270434N 0521515E	14.3 NM 120° 301°					
△ EGMIT 263340N 0530825E	56.6 NM 121° 301°					MOCA 3000 FT (EGMIT-ORSAR)
▲ LEVNA 261901N 0533312E	26.6 NM 121° 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 FREQ*
				Odd	*Even*	
1	2	3	4	5		6
R794 **RNAV 5 above FL285**						
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	320° 139° 104.2 NM	UNL FL 220 Class A	10	↓		Tehran Radar FREQ: 120.700 MHZ MOCA 20700 FT (DHN-NSH)
▲ NOSHAHR DVOR/DME (NSH) 363946.1N 0512751.4E	340° 160° 66.2 NM	UNL FL 100				Tehran Radar FREQ: 132.500 MHZ MOCA 6700 FT (NSH-ULDUS)
▲ ULEXI 374344N 0510631E	340° 160° 16.8 NM	Class A, D		↑		Tehran FIR
▲ ULDUS 380000N 0510100E						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°	UNL 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°		20	↓		Tehran Control FREQ: 123.900 MHZ MOCA 11200 FT (ZDN-ISR)
	30.0 NM					
PEGOS 285915N 0605140E	182° 003°	UNL FL 130				
	73.0 NM					
LOXOL 274556N 0604538E	183° 003°	Class A, D				
	32.2 NM					
IRAN SHAHR VOR/DME (ISR) 271403.8N 0604320.4E	187° 007°	UNL FL 100				MOCA 7600 FT (ISR-MESPO)
	18.6 NM					
GOKSO 265542N 0604012E	187° 007°					Tehran Radar FREQ: 120.300 MHZ
	13.1 NM					
GENEV 264247N 0603757E	187° 008°	Class A, D				
	47.1 NM					
EGLES 255614N 0602954E	188° 008°					
	30.0 NM					
CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E	218° 038°	UNL FL 160				
	21.8 NM					
KINOX 250945N 0600942E	218° 037°	Class A, D				
	27.6 NM			↑		Tehran FIR
MESPO 244817N 0595040E						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°		20	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 12100 FT (SYZ-KISED)
▲ REXEB 295208N 0520923E	30.0 NM 308° 127°	UNL FL 170 Class A, C				
△ KISED 301820N 0513428E	40.0 NM 309° 129°					MOCA 13700 FT (KISED-RABIM)
△ RADID 302444N 0512613E	9.6 NM 307° 126°	UNL FL 170				
▲ KIXOB 310917N 0502459E	69.0 NM 306° 126°					
▲ IMKEN 314407N 0493611E	54.3 NM 302° 122°	Class A, D				
△ 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°		20	↓		Tehran Control FREQ: 125.350 MHZ MOCA 11300 FT (YZD-VEDOP)
△ VEDOP 313216N 0544126E	30.0 NM 133° 315°	UNL FL 120				
△ DAPOX 303245N 0554728E	82.1 NM 134° 314°	Class A, D				
▲ RAFSANJAN NDB/DME(RAF) 301809.9N 0560320.3E	20.0 NM 202° 022°	UNL FL 140	10	↑ ↓		Tehran Radar FREQ: 120.300 MHZ MOCA 13100 FT (RAF-SRJ)
▲ SIRJAN VOR/DME (SRJ) 293322.5N 0553937.0E	49.2 NM	Class A, D		↑		

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

Route designator *Name of significant points* *Coordinates*	*MAG TR* *DIST*	*Upper limits* *Lower limits* *MNM FLT ALT* *Airspace classification*	*Lateral limits (NM)*	*Direction of cruising levels*		*Remarks* *Controlling unit FREQ*
				Odd	*Even*	
1	2	3	4	5		6
W6 **RNAV 5 above FL285**						
ESFAHAN DVOR/DME (ISN) 324449.1N 0514940.9E	239° 059° 24.3 NM	UNL FL 180 Class A, C	20		↓	Tehran Radar FREQ: 126.900 MHZ MOCA 15000 FT (ISN - GADLU)
EGPAT 323330N 0512409E	239° 059° 35.7 NM	UNL FL 180				
GADLU 321645N 0504656E	238° 058° 52.9 NM	Class A, D				MOCA 15100 FT (GADLU-RADOV)
RADOV 315136N 0495212E	237° 057° 15.6 NM	UNL FL 160 Class A, D				MOCA 9400 FT (RADOV-IMKEN)
IMKEN 314407N 0493611E	238° 058° 19.1 NM	UNL FL 100 Class A, D				MOCA 6800 FT (IMKEN-AWZ)
ITIBI 313451N 0491631E	238° 058° 30.0 NM	UNL FL 70 Class A, D		↑		
AHWAZ DVOR/DME(AWZ) 312015.3N 0484552.5E						

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°		20	↓		Tehran Radar FREQ: 134.400 MHZ
△ DEKBA 342145N 0500832E	27.7 NM 222° 042°					
▲ ARAK VOR/DME (ARK) 340813.9N 0495113.8E	19.7 NM 214° 034°	UNL FL 170				Tehran Radar FREQ: 126.900 MHZ
▲ NOTSA 331745N 0490315E	64.4 NM 210° 030°	Class A, D				MOCA 12300 FT (NOTSA-DZF)
▲ 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	253° 073° 46.3 NM	UNL FL 130 Class A, C	20	↓		Tehran Radar FREQ: 134.400 MHZ MOCA 11900 FT (TRN-HAB)
▲ SESBI 353154N 0502130E	253° 072° 23.8 NM					
△ PAVET 352639N 0495301E	254° 073° 18.6 NM	UNL FL 130 Class A, D				
△ SIVIM 352229N 0493050E	253° 073° 43.1 NM			↑		
▲ HAMADAN NOGEH VORTAC (HAB) 351234.0N 0483931.0E						

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° 30.0 NM	UNL FL 140 Class A, D	10		↓	Tehran Radar FREQ: 132.500 MHZ MOCA 11800 FT (RST-ZAJ)
△ EGRUD 370521N 0490345E	236° 057° 12.9 NM	 UNL FL 140	20			
▲ ASPOK 365918N 0484948E	237° 056° 26.1 NM	 Class A, D				
▲ ZANJAN VOR/DME (ZAJ) 364646.8N 0482111.9E	155° 335° 43.8 NM	 UNL FL 120		↑	↓	MOCA 10900 FT (ZAJ-GONVA)
△ GONVA 360557N 0484044E	177° 357° 53.4 NM	 Class A, D				MOCA 11500 FT (GONVA-HAB)
▲ HAMADAN NOGEH VORTAC (HAB) 351234.0N 0483931.0E	190° 010° 21.2 NM	 UNL FL 150			↑ ↓	Tehran Radar FREQ: 125.700 MHZ MOCA 14200 FT (HAB-IVELI)
→ ▲ HAMADAN VOR/DME (HAM) 345200.8N 0483301.0E	→ 184° 004° 17.2 NM					
△ IVELI 343459N 0482952E	177° 358° 70.6 NM					MOCA 13900 FT (IVELI-GENUM)
▲ GENUM 332421N 0482701E	178° 358° 28.4 NM	Class A, D				MOCA 11800 FT (GENUM-DAPIK)
△ DAPIK 325554N 0482553E	182° 002° 30.0 NM					MOCA 14200 FT (DAPIK-DZF)
▲ DEZFUL NDB (DZF) 322616.9N 0482241.8E				↑		

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° 35.0 NM	UNL FL 130	20	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 12700 FT (SYZ-SITEN)
△ SITEN 290207N 0525532E	118° 298° 37.2 NM	Class A, C				MOCA 12300 FT (SITEN-MOBON)
△ TAGTA 284311N 0533217E	117° 298° 72.7 NM					
▲ LORIX 280620N 0544331E	118° 298° 25.2 NM	UNL FL 130	10			
▲ DOBAS 275323N 0550803E	118° 298° 17.7 NM	Class A, D				
△ MOBON 274414N 0552513E	119° 300° 60.0 NM	UNL FL 130 Class A, C	20			Tehran Radar FREQ: 120.300 MHZ MOCA 9600 FT (MOBON-BND)
▲ BANDAR ABBAS DVOR/DME (BND) 271149.4N 0562200.3E	113° 294° 60.0 NM	UNL FL 100 Class A, C				MOCA 8900FT (BND-CBH)
△ MELMI 264625N 0572300E	114° 295° 102.1 NM	UNL FL 100				
▲ SEVDA 260217N 0590549E	115° 296° 49.9 NM					
△ EGNUX 254006N 0595525E	116° 296° 30.0 NM	Class A, D			↑	
▲ CHAH BAHAR DVOR/DME (CBH) 252641.9N 0602451.7E						

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	191° 011° 50.8 NM	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
△ ELUSI 343135N 0512148E	191° 011° 30.0 NM	UNL FL 160				MOCA 12600FT (ELUSI-GOLSO)
▲ GOLSO 340235N 0511213E	191° 011° 34.7 NM	Class A, D				MOCA 13600FT (GOLSO-PEKAM)
△ PEKAM 332904N 0510118E						

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 FREQ*
				Odd	*Even*	
1	**2**	**3**	**4**	**5**		**6**
W23 **RNAV 5 above FL285**						
▲ SHIRAZ DVOR/DME(SYZ) 293224.6N 0523519.6E	247° 067° 70.0 NM	UNL FL 140 Class A, C	20	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 12500 FT (SYZ-BUZ)
△ KUGVU 290747N 0512020E	245° 065° 29.0 NM	UNL FL 140 Class A, D			↑	
▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E						

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°	UNL FL 150	10	↓		Tehran Radar FREQ: 128.750 MHZ MOCA 2600 FT (IMDAT-MAH)
▲ KHARK ISLAND DVOR/DME (KHG) 291550.0N 0501900.7E	105.0 NM 321° 141°	Class A, D	20			
△ MEMPI 293113N 0500618E	19.0 NM 321° 141°					
▲ VATAN 300800N 0493533E	45.4 NM 315° 135°	UNL FL 40				
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	34.2 NM 334° 154°	Class A, D				MOCA 2800 FT (MAH-AWZ)
△ GODMO 305426N 0485834E	22.8 NM 334° 154°					
▲ 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
▲ BANDAR MAHSHAHR DVOR/DME(MAH) 303322.8N 0490858.0E	70.2 NM	Class A, D			↑	
△ BOPIS 302821N 0484251E	255° 074° 23.1 NM 254° 073°	UNL FL 40 Class A, D			↓	MOCA 2600 FT (MAH-ABD)
ABADAN DVOR/DME(ABD) 302231.1N 0481314.2E	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* *Odd* / *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
W32 **RNAV 5 above FL285**					
▲ ROVAD 333131N 0535240E	166° 346°		20	↓	Tehran Control FREQ: 125.350 MHZ
▲ PURKI	20.2 NM				
331140N 0535657E	165° 345°				MOCA 8700 FT (PURKI -YZD)
▲ ALNER	20.7 NM	UNL FL 150			
325124N 0540202E	164° 344°	Class A, D			
△ BONOL	28.8 NM				
322314N 0540929E	164° 344°				
▲ YAZD	30.0 NM				
VOR/DME(YZD) 315351.6N 0541657.7E	149° 330°				MOCA 13700 FT (YZD-GADPU)
△ GADPU	30.0 NM				
312709N 0543302E	150° 331°	UNL FL 150			MOCA 13600 FT (GADPU-SRJ)
▲ DESLA	46.6 NM				
304538N 0545744E	150° 331°				Tehran Radar FREQ: 120.300 MHZ
		Class A, D			
▲ DAVUT	48.5 NM				
300214N 0552301E	150° 331°				
▲ SIRJAN	32.3 NM				
VOR/DME (SRJ) 293322.5N 0553937.0E	162° 343°				MOCA 12400 FT (SRJ-BND)
		UNL FL 170			
▲ SOLAK	42.8 NM				
285156N 0555215E	163° 343°				
		Class A, D			
▲ ASMUK	43.4 NM				
280952N 0560453E	163° 344°	UNL FL 170			
▲ BANDAR ABBAS	60.0 NM	Class A, C		↑	
DVOR/DME (BND) 271149.4N 0562200.3E					

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	167° 347°	UNL FL 130	20	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 10300 FT (BRD-SBZ)
▲ SABZEVAR VOR/DME (SBZ) 361010.9N 0573415.0E	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	333° 152° 67.7 NM	UNL FL 110 Class A, D	20		↓	Tehran Control FREQ: 123.900 MHZ MOCA 10000 FT (BAM-ORDAD)
▲ ORDAD 300608N 0575454E	333° 152° 47.2 NM					MOCA 12500 FT (ORDAD-DAR)
▲ EGRES 304855N 0573144E	333° 152° 64.2 NM					
▲ DARBAND VOR/DME(DAR) 314659.4N 0565940.4E	355° 174° 69.9 NM	UNL FL 130 Class A, D			→	MOCA 6800 FT (DAR-TBS) AWY W139 between DAR VOR/DME and TBS 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.
△ SIMDU 325648N 0565611E	354° 174° 17.5 NM					
△ GEVOR 331415N 0565517E	354° 174° 26.1 NM				↑	
▲ TABAS VOR/DME(TBS) 334021.2N 0565330.9E						

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°		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°	UNL FL 100 Class A, D				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 FREQ*
				Odd	*Even*	
1	2	3	4	5		6
W144 **RNAV 5 above FL285**						
▲ BUSHEHR DVOR/DME (BUZ) 285704.7N 0504933.5E	017° 197°		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°	UNL FL 140				
△ RADID 302444N 0512613E	53.2 NM 017° 197°	Class A, D				
▲ 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°					
▲ OBTUX 312223N 0515242E	24.0 NM 019° 199°	Class A, D				
△ 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° 30.6 NM		10	↓		Tehran Radar FREQ: 133.400 MHZ MOCA 5000 FT (KHM-ABM)
▲ NANPA 262301N 0553136E	220° 040° 9.3 NM	UNL FL 50				
▲ KAVEG 261608N 0552434E	219° 039° 17.0 NM	Class A, D				
▲ VELIX 260327N 0551200E	219° 039° 14.4 NM					
▲ ABUMUSA ISLAND NDB/DME (ABM) 255240.8N 0550122.1E				↑		

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 160	20	↓		Tehran Radar FREQ: 132.500 MHZ MOCA 15100 FT (PAXID-RSR)
△ BONUP 363552N 0503041E	20.8 NM 021° 201°	Class A, D UNL FL 160				
▲ 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	306° 126°	UNL FL 110	10	↓		Tehran Radar FREQ: 119.300 MHZ MOCA 9600 FT (ARB-PAD)
△ ITUPA 383436N 0480220E	25.0 NM 307° 127°					
△ TUKDO 384626N 0474446E	17.4 NM 002° 182°	Class A, D	20	↑ ↓		
▲ PARSABADE MOGHAN VOR/DME (PAD) 393611.2N 0475323.9E	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° 28.3 NM	UNL FL 50	20		↓	Tehran Radar FREQ: 133.400 MHZ MOCA 3500 FT (ABM-LEN)
▲ MIRIT 262013N 0545411E	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* *Odd* | *Even*	*Remarks* *Controlling unit FREQ*
1	2	3	4	5	6
W154 **RNAV 5 above FL285**					
▲ GIBAB 353213N 0543656E	271° 092°		10		Tehran Radar FREQ: 118.900 MHZ
		UNL FL 130			MOCA 13000 FT (GIBAB-DHN) Unidirectional eastbound from DHN to GIBAB
▲ UKPOD 353437N 0540603E	25.2 NM 250° 069°	Class A, D			
▲ DEHNAMAK VOR/DME(DHN) 351515.0N 0524312.0E	70.4 NM 288° 107°	UNL FL 130		↑ ↓	
▲ TEHRAN DVOR/DME (TRN) 354149.1N 0511701.6E	75.2NM 227° 047°	Class A, C UNL FL 100			Tehran Radar FREQ: 134.400 MHZ
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	23.9 NM 221° 041°	Class A, C UNL FL 90			
▲ SOGOL 350829N 0503128E	26.1 NM 265° 085°	Class A, C UNL FL 200			
▲ PEDAR 350826N 0502206E	7.7 NM 265° 085°	Class A, C			
△ ENASU 350816N 0500133E	16.8 NM 242° 061°	UNL FL 180			
△ IVELI 343459N 0482952E	82.2 NM 255° 075°	Class A, D UNL FL 160			
△ ASRIL 342813N 0474513E	37.4 NM 251° 071°	Class A, D			
▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E	30.0NM 216° 036°	UNL FL 140			
△ MOKAB 340113N 0465103E	24.8 NM 216° 036°	Class A, D			
▲ ILAM DVOR/DME (ILM) 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	058° 238°	UNL FL 40	20	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 3200 FT (GGN-DASBU)
△ DASBU 370501N 0544436E	20.0 NM 057° 237°	Class A, D UNL FL 60				MOCA 5800 FT (DASBU-KLH)
▲ KALALEH NDB (KLH) 372317.1N 0552723.8E	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 FREQ*
				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 127° 307°	Class A, D 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	167° 347° 27.6 NM	UNL FL 200	10	↓		Tehran Radar FREQ: 125.700 MHZ
▲ TAVNI 353807N 0465631E	175° 356° 23.5 NM	Class A,D				
▲ NOLTO 351435N 0465623E	159° 339° 25.4 NM	UNL FL 140				MOCA 13300 FT (NOLTO-KMS)
△ BOPEL 345005N 0470451E	168° 348° 30.0 NM	Class A, D	20			
▲ KERMANSHAH DVOR/DME (KMS) 342023.0N 0471008.9E	130° 310° 30.0 NM	UNL FL 160				MOCA 13000 FT (KMS-KRD)
▲ BUBAV 335934N 0473612E	129° 310° 48.0 NM	Class A, D			↑	
▲ KHORAM ABAD DVOR/DME(KRD) 332603.1N 0481730.7E						

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°		20	↓		Tehran Radar FREQ: 125.350 MHZ
▲ ROVAD 333131N 0535240E	21.7 NM 092° 273°	UNL FL 130				
▲ ALMUD 331758N 0561941E	123.8 NM 093° 274°	Class A, D				
▲ 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.

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
W161 **RNAV 5 above FL285**						
IMAM ▲ KHOMAINI DVOR/DME (IKA) 352434.8N 0511042.5E	275° 094° 13.5 NM	 UNL FL 90 Class A, C	16	↓		Tehran Radar FREQ: 134.400 MHZ
▲ RUDESHUR VOR/DME (RUS) 352643.7N 0505419.3E	328° 147° 17.6 NM	 UNL FL 150 Class A, C				MOCA 9200 FT (RUS - VEBER)
▲ VEBER 354209N 0504400E	304° 124° 24.0 NM	 UNL FL150				
▲ GOLNU 355711N 0502052E	304° 124° 22.9 NM	 Class A, C				
△ PAROT 361128N 0495841E	340° 160° 33.5 NM	UNL FL 160 Class A, D	14			Tehran Radar FREQ 132.500 MHZ MOCA 10400 FT (PAROT-ALTIV)
△ ALTIV 364359N 0494823E	340° 160° 6.7 NM	 UNL FL 160 Class A, D				 MOCA 10900 FT (ALTIV-RARTA)
△ RARTA 365030N 0494619E	340° 160° 30.0 NM	 UNL FL 140				MOCA 10900 FT (RARTA-RST)
▲ RASHT DVOR/DME (RST) 371934.8N 0493657.1E		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	036° 217° 61.1 NM	UNL FL 180	10	↓		Tehran Radar FREQ: 118.900 MHZ MOCA 8800 FT (DAPIN-ASRUX)
▲ ASRUX 350708N 0575223E	037° 217° 51.5 NM	Class A, D				MOCA 10200 FT (ASRUX-EMESA)
△ EMESA 354605N 0583337E	058° 238° 60.0 NM	UNL FL 180 Class A, C			↑	MOCA 11700 FT (EMESA-MSD)
▲ MASHHAD DVOR/DME (MSD) 361352.2N 0593902.0E						

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