AIM Department - ADM

AIP Change Request

STANDARD INPUT FORMS

For

ATC

Please fill out for further coordination

Date of validation	12/11/ 2024
Airport name	N/A
ICAO code	N/A
Representative name	Yousuf Al Raisi
Phone number	2435 4857
E-mail address	y.alraisi@caa.gov.om

Note: Any attached pages should provide in PDF format with comments, only soft copy will be acceptable via email or CD, hand writings are not acceptable

Textual Parts of AIP

Page (date)	Section	Subsection	Paragraph	Text of AIP Amendment
	ENR 3 ATS ROUTES	ENR 3.2 AREA NAVIGATION ROUTES		All lateral limits figures, previously listed in Column 2 (Geodesic Distance) and recently shifted to Column 6 (Remarks) in the eAIP, are to be removed for all ATS airways. *Note: the lateral limits depicted in this change request ENR 3.2 are in column 2*
	ENR 6 ENR-CHARTS	6.1 AIR TRAFFIC SERVICE SYSTEM , MUSCAT UTA, 6.2 PROHIBITED, RESTRICTED AND DANGER AREAS, 6.5 MILITARY EXERCISE AND TRAINING AREAS – INDEX CHART		ENR 6.1 ,UTA ,6.2,6.5 charts needs to be updated with the new ATS route designators mentioned in ENR 3.2

ENR 1.4 ATS AIRSPACE CLASSIFICATION

Class	*Type of Flight*	*Separation Provided*	*Service Provided*	*VMC Visibility and Distance from Cloud Minima*	*Speed Limitation*	*Radio Communication Requirement*	*ATC Clearance*
A	*IFR only*						
B	*IFR*						
	VFR						
C	*IFR*						
	VFR						
D	*IFR*						
	VFR						
E	*IFR*						
	VFR						
F	*IFR*						
	VFR						
G	*IFR*						
	VFR						

ENR 1.7 ALTIMETER SETTING PROCEDURES

Table of Cruising Levels											
From 000° to 179°						*From 180° to 359°*					
IFR Flights			*VFR Flights*			*IFR Flights*			*VFR Flights*		
FL	*Altitude*		*FL*	*Altitude*		*FL*	*Altitude*		*FL*	*Altitude*	
	Metres	*Feet*		*Metres*	*Feet*		*Metres*	*Feet*		*Metres*	*Feet*

ENR 1.9 AIR TRAFFIC FLOW MANAGEMENT (ATFM)

Departure airport	*Destination*	*Route/Exit point*

Entry point/Departure	*Route*	*Exit point/Arrival*

Arrival airport	*From*	*Entry point/Route*

ENR 1.9 AIR TRAFFIC FLOW MANAGEMENT (ATFM) AND AIRSPACE MANAGEMENT

1. TRANSITING ROUTES

The following standard routings apply for traffic transiting Muscat FIR:

Departure airport	Destination	Route/Exit point
Northern and southern UAE airports	VOGO, VCBI, VOBL, VOCB, VOCL, VOCI, VOML, VOTR, VOTV	KITAL, LOTAV, REXOD, TOTOX
	VAPO, VOMM	PARAR, TOTOX
	VOHS	RASKI
	VABB, VABF	RASKI, PARAR

Entry point/Departure	Route	Exit point/Arrival
DAPOL	DAPOL - L692- GISKA - N569 - UMILA - L883 - REXOD	REXOD
	DAPOL - L692- GISKA - N569 - LOTAV	LOTAV
	DAPOL - L692 - GISKA - N569 - GOLNI - P570 - KITAL	KITAL
DENDA	DENDA - R462 - VUSET - M877 Z465 - KUSRA - G652 - TULBU - M628 - LUDID	LUDID / OEJN, OEMA
	DENDA - R462 - VUSET - A454 - PASOV - M564 - VAXAS	VAXAS / OMDW, OMDM
	DENDA - R462 - VUSET - N571 - MENSA	MENSA / OMSJ, OMRK
GOMTA / UAE North Departures	GOMTA - M428 - MUNGA - A777 - VAXIM - L301 - RASKI	RASKI / VABB, VOHS
	GOMTA - M428 - MUNGA - A777 - VAXIM - P307 - PARAR	PARAR / VABB, VAPO, VOMM
	GOMTA - M428 - TARBO - M681 Z440- DAMUM - B524 - ALPOR	ALPOR
	GOMTA - M428 - TARBO - N430 Y220- ITLOB - B505 - APELO	APELO
	GOMTA - M428 - TARBO - N430 Y220 - ITLOB - B505 - EGTAL - R462 - DENDA	DENDA
IMKAD	IMKAD - B400 - DAXAM - P316 Y414 - DEDSO - R401 - DOLFI - Z855 P558 - SODEX	SODEX
KAPET	KAPET - UB535/B535 - SLL - P316 Y414 - DEDSO - R401 - DOLFI - Z855 P558- SODEX	SODEX
Entry point/Departure	**Route**	**Exit point/Arrival**

KITAL	KITAL - P570 - EMURU - N563 - SODEX	SODEX / overflying OMAE (3)
	KITAL - P570 - MIXAM - P574 - SOLUD	SOLUD / overflying OMAE (4)
	KITAL - P570 - EMURU - N563 - TULBU - Z855 P558- SODEX	SODEX / OMAA, OMAD, OMAM
	KITAL - P570 - MIXAM - P899 - ITRAX	ITRAX / OMAL
	KITAL - P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV- KUPMA	PASOV / OMSJ, OMRK
	KITAL - P570 - ITURA - M762 - TAPRA - VAXAS	VAXAS (1)
KIVEL	KIVEL - R401 - DOLFI - Z855 P558 - SODEX	SODEX
LABRI (5)	LABRI - N318 - TOLDA - L555 - TOTOX	TOTOX
	LABRI - N318 - TOLDA - P570 - KITAL	KITAL
LABRI	LABRI - N318 - GEVED - N881 - AMBOS - Q620 M700 - PARAR	PARAR
LALDO / UAE North Departures	LALDO - B505 - NADSO - A777 - VAXIM - L301 - RASKI	RASKI / VABB, VOHS
	LALDO - B505 - NADSO - A777 - VAXIM - P307 - PARAR	PARAR / VABB, VAPO, VOMM
LALDO (at or below FL250)	LALDO - B505 - NADSO - B524 - ASLOM - ALPOR	ALPOR
	LALDO - B505 - NADSO - EGTAL - APELO	APELO
	LALDO - B505 - NADSO - EGTAL - R462 - DENDA	DENDA
LOTAV	LOTAV - M300 - EMURU - N563 - SODEX	SODEX / overflying OMAE
	LOTAV- M300 - EMURU - N563 - TULBU - Z855 P558- SODEX	SODEX / OMAA, OMAD, OMAM
	LOTAV - M300 - EMURU - P570 - MIXAM - P574 - SOLUD	SOLUD / overflying OMAE (4)
	LOTAV - M300 - EMURU - P570 - MIXAM - P899 - ITRAX	ITRAX / OMAL
	LOTAV via P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV- KUPMA	PASOV / OMSJ, OMRK
MIDGU	MIDGU - M440 - TULBU - N881 - AMBOS - Q620 M700 - PARAR	PARAR
	MIDGU - Z515 M717	northern OMAN airports

Entry point/Departure	Route	Exit point/Arrival
PARAR	PARAR - M628 - LOSIM - P574 - MIXAM - P899 - ITRAX	ITRAX / OMAL
	PARAR - N571 - MENSA	MENSA / overflying OMAE (2)
	PARAR - N571 - MENSA	MENSA / OMSJ, OMRK
	PARAR - N571 - VUSET - A454 - PASOV - B540 - KUPMA	KUPMA (1)
	PARAR - N571 - VUSET - A454 - PASOV - M564 - VAXAS	VAXAS / OMDW, OMDM
	PARAR - M628 - TULBU - Z855 P558- SODEX	SODEX / OMAA, OMAD, OMAM
RASKI	RASKI - L301 - RAGMA - N571 - MENSA	MENSA / overflying OMAE (2)
	RASKI - L301 - RAGMA - N571 - MENSA	MENSA / OMSJ, OMRK
	RASKI - N881 - KIPOL - L444 - KAXEM - P574 - MIXAM - P899 - ITRAX	ITRAX / OMAL
	RASKI - L301 - RAGMA - N571 - VUSET - A454 - PASOV - M564 - VAXAS	VAXAS / OMDW, OMDM
	RASKI - N881 - KIPOL - L444 - TOLDA - M628 - TULBU - Z855 P558- SODEX	SODEX / OMAA, OMAD, OMAM
REXOD	REXOD - M762 - ITURA - P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV - KUPMA	PASOV / OMSJ, OMRK
	REXOD - A775 - KUSRA - P574 - SOLUD	SOLUD / overflying OMAE and (4)
	REXOD - N563 - SODEX	SODEX / overflying OMAE
	REXOD - N563 - TULBU - Z855 P558- SODEX	SODEX / OMAA, OMAD, OMAM
	REXOD - M762 - ITURA - P570 - MIXAM - P899 - ITRAX	ITRAX / OMAL
SABEL	SABEL - UB424 - VELIK - R401 - DOLFI - Z855 P558- SODEX	SODEX
TAPDO	TAPDO - G652 - TULBU - M628 - LUDID	LUDID / OEJN, OEMA
	TAPDO - A454 - VUSET - A454 - PASOV - M564 - VAXAS	VAXAS / OMDW, OMDM
	TAPDO - A454 - VUSET - N571 - MENSA	MENSA / OMSJ, OMRK
TARDI	TARDI - N629 - GIDAN - P570 - TOLDA - N318 - REXOD	REXOD

Entry point/Departure	Route	Exit point/Arrival
	TARDI - N629 - GIDAN - P570 - KITAL	KITAL
	TARDI - N629 - GIDAN - P570 - EMURU - M300 - LOTAV	LOTAV
	TARDI - N629 - TOTOX	TOTOX
TONVO overflying OMAE (FL270 - UNL)	TONVO - A777 - NADSO - B505 - EGTAL - R462 - DENDA	DENDA
	TONVO - A777 - NADSO - B505 - APELO	APELO
	TONVO - A777 - NADSO - B524 - ALPOR	ALPOR
TONVO overflying OMAE	TONVO - P307 - VAXIM - P307 - PARAR	PARAR / VABB, VAPO, VOMM & overflying India
	TONVO - P307 - VAXIM - L301 - RASKI	RASKI / VABB, VOHS & overflying India
TONVO / OMFJ	TONVO - A777 - BUBAS - P513 Z890 - MIXAM - P570	TOTOX, REXOD, LOTAV, KITAL
TOTOX	TOTOX - P574 - PAROK - L695 Q899 - ITURA - P570 - MIXAM - P513 Z890 - GERAR - B540 - PASOV - KUPMA	PASOV / OMSJ, OMRK
	TOTOX - P574 - PAROK - L695 Q899 - ITURA - M762 - TAPRA - VAXAS	VAXAS / northern UAE airports
	TOTOX - L555 - TOLDA - M628 - TULBU - N563 - SODEX	SODEX / overflying OMAE (3)
	TOTOX - L555 - TOLDA - P570 - MIXAM - P574 - SOLUD	SOLUD / overflying OMAE (4)
	TOTOX - P574 - SOLUD	SOLUD / overflying OMAE (4)
	TOTOX - P574 - MIXAM - P899 - ITRAX	ITRAX / OMAL
	TOTOX - L555 - TOLDA - M628 - TULBU - Z855 P558- SODEX	SODEX / OMAA, OMAD, OMAM
OYSC FIR (ASPUX, KIVEL, IMKAD, KAPET, PUTRA, SABEL)	R401 - MUSAP	MUSAP / OMDW, OMDM, OMDB, OMSJ, OMRK

Note: For further restrictions see full route details in ENR 3 section. Note 1: For traffic landing in northern UAE.
Note 2: Except for traffic intending to exit via LUDID.
Note 3: Unless traffic is planning to route through the Tehran FIR. Note 4: Planning to route through the Tehran FIR.
Note 5: LABRI is not available for traffic overflying OMAE FIR exiting OOMM FIR via DENDA, APELO, ALPOR, RASKI and PARAR.

2. DEPARTING ROUTES

The following standard routings apply for traffic departing in Muscat FIR:

Departure airport	Destination	Route/Exit point
OOMS	VAGO, VCBI, VOBL, VOCB, VOCL, VOCI, VOML, VOTR, VOTV	KITAL, LOTAV, REXOD, TOTOX
	VAPO, VOMM	PARAR, TOTOX
	VOHS	RASKI
	VABB	RASKI, PARAR
	Northwestbound (1,2)	Q978 N718 - ITRAX (3)
	OMSJ, OMRK	T508 - DAPOK - T509 - PASOV - B540 - KUPMA
	OMDB	T508 - SOLUD - GISMO
	OMDW, OMDM	T508 - DAPOK - T507 L559- TAPRA - M762 - VAXAS
	Northern UAE airports	T508 - DAPOK - T507 L559/T509
	OOKB	P513 Z890-BUBAS
OOSA	OOMS, OOMN	OOSA - DAXAM - P316 Y414- MCT (DVOR/DME)
	Northern UAE airports	OOSA - DAXAM - P316 Y414 - DEDSO - R401 - MUSAP
	Southern UAE airports	OOSA - DAXAM - P316 Y414- DEDSO - R401 - DOLFI - Z855 P558- SODEX
	Northbound	OOSA - DAXAM - P316 Y414 - DEDSO - R401 - HAI (DVOR/DME) - then planned route
	OOSH	OOSA - DAXAM - P316 Y414 - DEDSO - R401 - VELIK - P304 Y515- EMISO - Q730 - LADBI
OOTH	OMDB, OMRK, OMSJ	R401 - MUSAP
OOSH	Southbound and Eastbound	BOTAM - Y855 - LAKLU then planned route
	Northern UAE airports	VAXAS
	Southern UAE airports	ITRAX
	OOSA	OOSH - BOTAM - Y855 - LAKLU - R402 Q204 - HAI (DVOR/DME) - B400 - ASTUN

Note 1: T507 L559 - ATC may re-route traffic to PASOV (B540) to facilitate the efficient flow or traffic into northern UAE airports.

Note 2: T509 - ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow or traffic into northern UAE airports.

Note 3: Flights overflying OIIX FIR exit via SOLUD.

3. ARRIVING ROUTES

The following standard routings apply for traffic arriving in Muscat FIR:

Arrival airport	From	Entry point/Route
OOMS	DAXAM	OOSA - DAXAM - P316 Y414 (2)
	OYSC FIR	KAPET - UB535 - SLL (DVOR/DME) - P316 Y414- MCT (DVOR/DME)
	OMAE FIR (1)	RETAS - N685 - PUTSO - LAKLU - G216 - MCT (DVOR/DME)
	OMAE FIR (1)	TARDI - N629 - MUSUK - T511 - MCT (DVOR/ DME) (3)
	VABF FIR via L444 and N881	RASKI - N881 - KIPOL - L444 - VUSIN - N767 - ELIGO - L631 - MCT (DVOR/DME)
	UB424	UB424 - GISKA - P316 Y414 - MCT (DVOR/DME)
	OOKB, OMFJ, Northern Arrivals	P513 Z890 - MCT (DVOR/DME)
OOSH	OOMS	OOMS - P513 Z890 - MIXAM - P574 - DAPOK - Y623 - GIVLA (OOSH ARR)
	OOSA	OOSA - DAXAM - P316 Y414 - DEDSO - R401 - VELIK - P304 Y515 - EMISO - Q730 - LADBI
	RETAS	RETAS - N685 - KOBIM - Q730 - LADBI

Note 1: Eastbound traffic overflying OMAE FIR intending to land at OOMS.

Note 2: For overfly use B400 or R401, after DEDSO traffic landing OOMS continue on P316 Y414

ENR 2. AIR TRAFFIC SERVICES AIRSPACE

Name Lateral and Vertical Limits	*Class of Airspace*	*Unit Providing Service*	*Call Sign/Language Area and Condition of Use Hours of Operation*	*Frequency/ Purpose*	*Remarks*
1a	*1b*	*2*	*3*	*4*	*5*

ENR 3. ATS ROUTES

ENR 3.1 Conventional navigation routes

Route Designator (RCP) (NAV specification /RSP) Name of significant points Coordinates	*Track (MAG) VOR RDL Geodesic distance (NM) changeover points*	*Upper limits Lower limits / minimum en-route altitudes Airspace classification*	*lateral limits and minimum obstacle clearance altitudes*	*Direction of Cruising Levels*		*Remarks*
				Odd	*Even*	
1	*2*	*3*	*4*	*5*		*6*
△						

ENR 3. ATS ROUTES
***ENR 3.2* AREA NAVIGATION ROUTES**

Route Designator (RCP) (NAV specification /RSP) Name of significant points Coordinates	*Way-point VOR/DME BRG & DIST ELEV DME Antenna*	*Track (MAG) Geodesic distance*	*Upper limits Lower limits Airspace classification*	*Direction of Cruising Levels*		*Navigation accuracy requirement*	*Remarks*
				Odd	*Even*		
1	*2*	*3*	*4*	*5*		*6*	*7*
△							
Flight Restriction:							

ENR-3.2 AREA NAVIGATION ROUTES

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
A454 (RNAV 5)							
◆ TAPDO (FIR Boundary) 242400.00N 0612000.00E							X-ing G652 FIR OOMM, OPKR
	255° 124 NM	10 NM 124 NM	UNL FL150 Class A		EVEN ↓	+/- 5 NM	MOCA 3000FT
⌖ VUSET 235540.00N 0590812.00E							X-ing M877 Z465, N571, R462, T500
	288° 32 NM	10 NM 32 NM	UNL FL150 Class A		EVEN ↓	+/- 5 NM	MOCA 3000FT
⌖ UMEKO 240620.00N 0583450.00E							
	288° 62 NM	10 NM 62 NM	UNL FL150 Class A		EVEN ↓	+/- 5 NM	MOCA 3000FT
⌖ BORER 242623.00N 0573048.00E							
	287° 39 NM	10 NM 39 NM	UNL FL150 Class A		EVEN ↓	+/- 5 NM	MOCA 3000FT
◆ PASOV 243841.00N 0565037.00E							X-ing B540, M564, T509 Transfer of control point between OOMM and OMAE.
Muscat Control 128.15 MHz Flight Restrictions: Note 1: For traffic landing at northern UAE airports or overflying the northern UAE below FL200. Traffic will be required to cross fix PASOV at FL270 or below. All traffic destination OMDB via PASOV expect FL230 at PASOV. ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow of traffic into northern UAE							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
airports. All traffic destination OMDW or OMDM expect FL180 at TAPRA, all traffic destination OMDB expect FL240 at TAPRA. Note 2: All traffic from TAPDO destination OMDW or OMDM shall route from PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 3: All traffic from TAPDO destination OMSJ or OMRK shall route from VUSET via N571 to MENSA. All traffic expect FL160 at MENSA.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
A775 (RNAV 5)							
REXOD (FIR boundary) 211230.00N 0613830.00E							X-ing L883, M762, N318, N563 FIR OOMM, VABF
	306° / 126° 118 NM	10 NM 118 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
TUMET 222307.00N 0595702.00E							X-ing L555, T503
	306° / 126° 40 NM	10 NM 40 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
IMDEK 224647.00N 0592217.00E							X-ing L444
	306° / 126° 26 NM	10 NM 26 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
OBTIN 230216.00N							X-ing N881

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0585920.00E							
	306° 38 NM	10 NM 38 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
KUSRA 232426.00N 0582611.00E							X-ing G652, M877 Z465, P574 Muscat Control 128.15 MHz
Muscat Control 126.55 MHz Flight Restriction: Note: Traffic entering the OOMM FIR at REXOD intending to land in OOMS or continuing to SOLUD for overlying OMAE FIR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
A777 (RNAV 5)							
TONVO (FIR boundary) 250500.00N 0563200.00E							X-ing P307 FIR OOMM, OMAE
	101° 26 NM	10 NM 26 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
BUBAS 245938.00N 0570003.00E							X-ing P513 Z890
	102° 46 NM	10 NM 46 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
NADSO 244957.00N 0574926.00E							X-ing B505, B524
	116° 57 NM	10 NM 57 NM	UNL FL150	ODD ↓		+/- 5 NM	MOCA 3000

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
			CLASS A				FT
MUNGA 242516.00N 0584533.00E							X-ing M428
	116° 45 NM	10 NM 45 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
MIXOL 240523.00N 0592959.00E							X-ing R462
	116° 104 NM	10 NM 104 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
VAXIM 231900.00N 0611100.00E							X-ing L301, L430, P307
Muscat Control 119.80 MHz Flight Restriction: Note: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505-EGTAL-R462- DENDA and LALDO-B505-APELO or LALDO-B505-NADSO-B524-ALPOR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
A791 (RNAV 5)							
KUSEN (FIR BOUNDARY) 251828.00N 0562340.00E							FIR OOMM, OMAE Traffic entering the OOMM FIR via waypoints LALDO and

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
							IMLOT shall contact Muscat Control on 119.80 MHz.
	090° / 270° 11 NM	20 NM 11 NM	UNL 5500 FT CLASS A+C	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 5000 FT
◆ LALDO 251806.00N 0563600.00E							X-ing B505 Transfer of control point between OMAE and OOMM.
	090° / 270° 12 NM	20 NM 12 NM	UNL 5500 FT CLASS A+C	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 5000 FT
◆ GIDIL 251742.00N 0564923.00E							
	090° / 270° 17 NM	20 NM 17 NM	UNL 5500 FT CLASS A+C	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 5000 FT
◆ IMLOT (FIR boundary) 251708.00N 0570804.00E							FIR OIIX, OOMMTran sfer of control pointbetwee n OIXIX and OOMM.
Muscat Control 119.80 MHz Flight Restrictions: Note 1: Eastbound only below FL255. Note 2: Eastbound traffic overflying OMAE FIR on A791 between LALDO and IMLOT in the OOMM FIR: Only FL330 and FL390 available. Note 3: Traffic departing from northern UAE airports and routing via A791 can expect FL270.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
B400 (RNAV 5)							
MCT DVOR/DME 233528.04N 0581536.48E							X-ing G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508, T511
	212° / 032° 14 NM	10 NM 14 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
ITURA 232351.00N 0580720.00E							X-ing L695 Q899, M762, P570
	212° / 032° 11 NM	10 NM 11 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
GEPOT 231446.00N 0580053.00E							X-ing G652, N629
	212° / 032° 16 NM	10 NM 16 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
GEVED 230105.00N 0575111.00E							X-ing N318, N881
	213° / 033° 9 NM	10 NM 9 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
IZK VOR/DME 225318.60N 0574542.73E							X-ing M628
	205° / 025° 37 NM	10 NM 37 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
DARAT 222000.00N 0572830.00E							
	205° / 025° 40 NM	10 NM 40 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
◇ KEBAS 214330.00N 0570948.00E							X-ing N569
	205° / 025° 7 NM	10 NM 7 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
◇ ITSAG 213720.00N 0570640.00E							X-ing L692
	205° / 025° 23 NM	10 NM 23 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
◇ MEVLI 211632.00N 0565606.00E							X-ing L883
	205° / 025° 25 NM	10 NM 25 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
◇ VUTAP 205411.00N 0564449.00E							X-ing UB424
	205° / 025° 34 NM	10 NM 34 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
◇ ORSIT 202306.00N 0562915.00E							X-ing N315
	205° / 025° 27 NM	10 NM 27 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
◆ HAI DVOR/DME 195813.31N 0561650.82E							X-ing L556, R401, R402 Q204
	209° 32 NM	10 NM 32 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4500 FT
◇ KUKDI 193022.00N 0555953.00E							X-ing L710
	209° 31 NM	10 NM 31 NM	UNL FL150		EVEN	+/- 5 NM	MOCA 4500

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
			CLASS A		↓		FT
ITUVO 190315.00N 0554328.00E							X-ing UL425
	209° 48 NM	10 NM 48 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4500 FT
LABED 182135.00N 0551827.00E							
	209° 15 NM	10 NM 15 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4500 FT
ASTUN 180832.00N 0551040.00E							X-ing B535, UB535
	204° 57 NM	10 NM 57 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
DAXAM 171612.00N 0544715.00E							X-ing M551, P316 Y414
	212° / 034° 27 NM	10 NM 27 NM	UNL FL190 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
MUTVA 165325.00N 0543201.00E							X-ing B549
	212° / 034° 72 NM	10 NM 72 NM	UNL FL190 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
IMKAD (FIR boundary) 155245.00N 0535147.00E							Muscat Control 123.95 MHzFIR OOMM, OYSC
Flight Restrictions: Note 1: Traffic landing OOMS shall use P316 Y414 at DAXAM. Northbound traffic from SLL and Eastbound traffic shall use P316 Y414 from DAXAM to DEDSO then as planned Route. Note 2: Traffic entering OOMM FIR at IMKAD destination OMDW or OMDM shall route via DAXAM-P316 Y414- DEDSO-R401-MUSAP and expect FL150 at MUSAP.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Note 3: Traffic entering OOMM FIR at IMKAD destination OMDB, OMSJ or OMRK shall route via DAXAM-P316 Y414- DEDSO-R401-MUSAP and expect to cross MUSAP below FL250.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
B505 (RNAV 1, RNAV 5)							
 LALDO 251806.00N 0563600.00E							X-ing A791Transfe r of control point between OOMM and OMAE.RNA V 1 on segment LALDO-ITLOB
	112° 72 NM	1 NM 72 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 3000 FT
 NADSO 244957.00N 0574926.00E							X-ing A777, B524
	095° 71 NM	1 NM 71 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 3000 FT
 ITLOB 244325.00N 0590701.00E							X-ing N430 Y220
	096° 83 NM	10 NM 83 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
 EGTAL 243458.00N							X-ing R462 Between EGTAL and

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0603724.00E							APELO only available FL190, FL210, FL270 and FL290.
	089° 39 NM	10 NM 39 NM	FL290 FL190 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
◆ APELO (FIR boundary) 243455.00N 0612000.00E							FIR OOMM, OPKR Muscat Control 128.15 MHz
Muscat Control 119.80 MHz Flight Restrictions: Note 1: Entry at LALDO only for traffic departing northern UAE airports. Note 2: Flights intending to enter VABF FIR shall exit OOMM FIR via RASKI or PARAR. Note 3: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505- EGTAL-R462-DENDA and LALDO-B505-APELO or LALDO-B505-NADSO-B524-ALPOR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
B524 (RNAV 1, RNAV 5)							
◇ NADSO 244957.00N 0574926.00E							X-ing A777, B505
	103° 78 NM	1 NM 78 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	RNAV 1 on segment NADSO-DAMUM. MOCA

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
							3000FT
 DAMUM 243236.00N 0591307.00E							X-ing M681 Z440
	102° 49 NM	10 NM 49 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
 ASLOM 242113.00N 0600552.00E							X-ing L430, R462
	102° 36 NM	10 NM 36 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
 VEKAN 241235.00N 0604454.00E							X-ing G652
	103° 33 NM	10 NM 33 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
 ALPOR (FIR boundary) 240441.00N 0612000.00E							X-ing G216 FIR OOMM, OPKR Muscat Control 128.15 MHz
Flight Restriction: Note: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505-EGTAL-R462- DENDA and LALDO-B505-APELO or LALDO-B505-NADSO-B524-ALPOR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		7
B535 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
◆ KAPET (FIR boundary) 163322.00N 0530614.00E							X-ing UB535FIR OOMM, OYSC
	063° / 243° 44 NM	10 NM 44 NM	FL270 UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7000 FT
◇ LADAR 165324.00N 0534655.00E							X-ing B549, UB535
	063° / 244° 21 NM	10 NM 21 NM	FL270 UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7000 FT
◇ SLL DVOR/DME 170259.36N 0540656.97E							X-ing P316 Y414
	222° 59 NM	10 NM 59 NM	FL270 UNL FL150 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7000 FT
◇ DARAB 174632.00N 0544902.00E							
	223° 30 NM	10 NM 30 NM	FL270 UNL FL150 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7000 FT
◇ ASTUN 180832.00N 0551040.00E							X-ing B400, UB535

Muscat Control 123.95 MHz

Flight Restrictions: Note 1: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDW, OMDM shall route via SLL- P316 Y414- DEDSO-R401-MUSAP and expect FL150 at MUSAP.
Note 2: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDB, OMSJ or OMRK shall route via SLL- P316 Y414- DEDSO-R401-MUSAP and expect to cross MUSAP below FL250.
Note 3: Aircraft intending to land OOMS shall use route Y414.
Note 4: Eastbound traffic shall use Y414 from SLL to DEDSO then as planned Route

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
B540 (RNAV 5)							
GERAR 240600.00N 0573616.00E							X-ing P513 Z890
	307° 35 NM	10 NM 35 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
DEGNU 242734.00N 0570613.00E							
	307° 18 NM	10 NM 18 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
PASOV 243841.00N 0565037.00E							X-ing A454, M564, T509 Transfer of control point between OOMM and OMAE. Cross fix PASOV at FL255 or below. U.A.E. Centre 125.725 MHz
	301° 25 NM	10 NM 25 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
KUPMA (FIR boundary) 245148.00N 0562648.00E							
Muscat Control 119.80 MHz Flight Restrictions: Note 1: For traffic landing at northern UAE airports or overflying the northern UAE below FL255. ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow of traffic into northern UAE airports. Note 2: Traffic destination OMSJ or OMRK exiting OOMM FIR via PASOV expect FL180 at PASOV. Note 3: Traffic destination OMDB exiting OOMM FIR via PASOV expect FL230 at PASOV. Note 4: Traffic destination OMDW or OMDM exiting OOMM FIR via PASOV expect FL190 at PASOV.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
B549 (RNAV 5)							
PUTRA (FIR boundary) 165432.00N 0525631.00E							FIR OOMM, OYSC
	273° / 092° 48 NM	10 NM 48 NM	UNL FL190 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
LADAR 165324.00N 0534655.00E							X-ing B535, UB535
	271° / 091° 43 NM	10 NM 43 NM	UNL FL190 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
MUTVA 165325.00N 0543201.00E							X-ing B400
	271° / 091° 62 NM	10 NM 62 NM	UNL FL190 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
KIVEL (FIR boundary) 165306.00N 0553633.00E							X-ing M551, R401 FIR OOMM, OYSC
Muscat Control 123.95 MHz Flight Restrictions: Note 1: Traffic entering OOMM FIR at PUTRA destination OMDW or OMDM shall route via DEDSO-R401-MUSAP and expect FL150 at MUSAP. Note 2: Traffic entering OOMM FIR at PUTRA destination OMDB, OMSJ or OMRK shall route via DEDSO-R401- MUSAP and expect to cross MUSAP below FL250.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
G216							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
(RNAV 5)							
LAKLU 232235.00N 0570401.00E							X-ing N318, N685, R402 Q204, Y855 Muscat Control 124.70 MHz
	077° 35 NM	10 NM 35 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 12000 FT
IVAKU 232919.00N 0574103.00E							X-ing N629
	077° 32 NM	10 NM 32 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 12000 FT
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508, T511 Muscat Control 128.15 MHz
	079° 30 NM	10 NM 30 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
ITILA 234055.00N 0584817.00E							X-ing M877 Z465
	079° 39 NM	10 NM 39 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
SODEB 234747.00N 0593023.00E							X-ing G652
	078° 16 NM	10 NM 16 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
DERTO 235033.00N							X-ing P307

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0594746.00E							
	079° 86 NM	10 NM 86 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
◆ ALPOR (FIR boundary) 240441.00N 0612000.00E							X-ing B524 FIR OOMM, OPKR
Flight Restriction: Note: The maximum Flight Level departing Muscat Intl for destination OPKC is FL310.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
G652 (RNAV 5)							
◆ TAPDO (FIR boundary) 242400.00N 0612000.00E							X-ing A454 FIR OOMM, OPKR
	248° 34 NM	10 NM 34 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ VEKAN 241235.00N 0604454.00E							X-ing B524
	248° 72 NM	10 NM 72 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ SODEB 234747.00N 0593023.00E							X-ing G216
	247° / 067° 63 NM	10 NM 63 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
◇							X-ing A775, M877 Z465, P574

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
KUSRA 232426.00N 0582611.00E							
	246° / 066° 25 NM	10 NM 25 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 12000 FT
GEPOT 231446.00N 0580053.00E							X-ing B400, N629
	249° / 069° 42 NM	10 NM 42 NM	UNL FL260 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 12000 FT
TULBU 230005.00N 0571827.00E							X-ing M440, M628, N563, N881, T506, Z855 P558
	241° / 061° 23 NM	10 NM 23 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 5000 FT
NALKI 224928.00N 0565614.00E							X-ing R402 Q204
	242° 35 NM	10 NM 35 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 5000 FT
NAMVA 223309.00N 0562223.00E							X-ing P304 Y515
	242° 22 NM	10 NM 22 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 5000 FT
DATBU 222243.00N 0560054.00E							X-ing R401
	241° 15 NM	10 NM 15 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 5000 FT
DEBAV 221532.00N 0554617.00E							X-ing L710
	241° 13 NM	10 NM 13 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 5000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
◆ TOKRA (FIR boundary) 220925.00N 0553350.00E							X-ing N569 FIR OOMM, OEJD Muscat Control 123.95 MHz
Muscat Control 128.15 MHz Flight Restrictions: Note 1: Overflying westbound traffic destined OEJN or OEMA entering the OOMM FIR at TAPDO or DENDA shall route as follows: (1) TAPDO-G652-TULBU-M628-LUDID. (2) EGTAL-R462-VUSET-M877 Z465-KUSRA-G652-TULBU-M628-LUDID. Note 2: Only FL300 and FL320 are available for traffic exiting OOMM FIR via TOKRA on route G652 to OYSC FIR. Note 3: All traffic from TAPDO destination OMDW and OMDM shall route via A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 4: Traffic destination OMSJ or OMRK entering OOMM FIR at TAPDO shall route via A454-VUSET-N571- MENSA and expect FL160 at MENSA.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L301 (RNAV 5)							
◆ RASKI (FIR boundary) 230330.00N 0635200.00E							X-ing N881FIR OOMM, VABF
	274° / 094° 149 NM	10 NM 149 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ VAXIM 231900.00N 0611100.00E							X-ing A777, L430, P307
	277° 30 NM	10 NM 30 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
RAGMA 232301.00N 0603846.00E							X-ing N571
Muscat Control 135.60 MHz Flight Restrictions: Note 1: Westbound traffic entering the OOMM FIR at RASKI and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID, then route via N881. Note 2: All traffic from RASKI destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 3: All traffic from RASKI destination OMDW and OMDM shall route via N571-VUSET-A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 4: Traffic entering the OOMM FIR at RASKI destination OMAA, OMAD or OMAM shall route via TULBU-Z855 P558-SODEX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L430 (RNAV 5)							
MESPO (FIR boundary) 244817.00N 0595040.00E							FIR OOMM, OIIX
	151° / 331° 30 NM	10 NM 30 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 3000 FT
ASLOM 242113.00N 0600552.00E							X-ing B524, R462
	134° / 314° 86 NM	10 NM 86 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 3000 FT
VAXIM 231900.00N 0611100.00E							X-ing A777, L301, P307
	Muscat Control 128.15 MHz						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Flight Restriction: Note: Westbound FL280 and FL340 only available.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L444 (RNAV 5)							
KIPOL 230410.00N 0612903.00E							X-ing M303 Q250, N881
	262° 32 NM	10 NM 32 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
VUSIN 225940.00N 0605510.00E							X-ing N767
	262° 39 NM	10 NM 39 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
MIBSA 225400.00N 0601338.00E							X-ing L631
	261° 19 NM	10 NM 19 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
KAXEM 225103.00N 0595243.00E							X-ing P574
	261° 28 NM	10 NM 28 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 12000 FT
							X-ing A775

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
IMDEK 224647.00N 0592217.00E							
	261° 43 NM	10 NM 43 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 12000 FT
TOLDA 224008.00N 0583624.00E							X-ing L555, M628, N318, P570
Muscat Control 135.60 MHz Flight Restriction: Note: Traffic entering the OOMM FIR at RASKI and landing at OOMS shall route via N881-KIPOL- L444-VUSIN-N767-ELIGO-L631-MCT (DVOR/DME).							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L555 (RNAV 5)							
TOLDA 224008.00N 0583624.00E							X-ing L444, M628, N318, P570
	101° / 281° 76 NM	10 NM 76 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
TUMET 222307.00N 0595702.00E							X-ing A775, T503
	102° / 282° 139 NM	10 NM 139 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
TOTOX (FIR boundary) 215030.00N 0622230.00E							X-ing L631, N629, P574 FIR OOMM, VABF Muscat

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
							Control 126.55 MHz
Flight Restrictions: Note 1: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR shall route via TOLDA-M628-TULBU-N563-SODEX (unless traffic is planning through OIIX FIR). Note 2: Traffic entering the OOMM FIR at TOTOX destination OMAA, OMAD or OMAM shall route via TOLDA- M628-TULBU-Z855 P558-SODEX. Note 3: Traffic entering the OOMM FIR at TOTOX destination OMSJ or OMRK shall route via TOTOX-P574- PAROK-L695 Q899 - ITURA-P570-MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV. Note 4: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR and intending to route via OIIX FIR shall route via TOTOX-P574-SOLUD. Note 5: Overflying traffic intending to exit OOMM FIR via TOTOX shall route via LABRI-N318-TOLDA-L555- TOTOX or TARDI-N629-TOTOX or MIDGU-M440-TULBU-M628-TOLDA-L555-TOTOX. Note 6: FL330 is not available via TOTOX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L556 (RNAV 5)							
◆ IMDAM (FIR boundary) 202416.00N 0550801.00E							FIR OOMM, OEJD
	111° 38 NM	10 NM 38 NM	UNL FL270 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
◇ OTISA 201000.00N 0554556.00E							X-ing UB424
	111° 13 NM	10 NM 13 NM	UNL FL270 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
◇ KEDON 200503.00N 0555901.00E							X-ing L710
	111° 18 NM	10 NM 18 NM	UNL FL270	ODD		+/- 5 NM	MOCA 7500

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
			CLASS A	↓			FT
◆ HAI DVOR/DME 195813.31N 0561650.82E							X-ing B400, R401, R402 Q204
	121° 16 NM	10 NM 16 NM	UNL FL270 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
◇ GIVNO 195011.00N 0563059.00E							X-ing P316 Y414
	121° 128 NM	10 NM 128 NM	UNL FL270 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
◆ KUTVI (FIR boundary) 184306.00N 0582642.00E							X-ing N315 FIR OOMM, OYSC
Muscat Control 123.95 MHz Flight Restriction: Note: FL330 is not available via ASPUX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L631 (RNAV 5)							
◆ TOTOX (FIR boundary) 215030.00N 0622230.00E							X-ing L555, N629, P574 FIR OOMM, VABF
	298° 92 NM	10 NM 92 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
◇							X-ing M628

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
IVOMA 223408.00N 0605430.00E							
	298° 20 NM	10 NM 20 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
◆ DEBDA 224327.00N 0603525.00E							
	298° 23 NM	10 NM 23 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
⌖ MIBSA 225400.00N 0601338.00E							X-ing L444
	298° 20 NM	10 NM 20 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
⌖ AMBOS 230324.00N 0595405.00E							X-ing N881, Q620 M700
	298° 47 NM	10 NM 47 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
⌖ ELIGO 232458.00N 0590848.00E							X-ing N767
	294° 14 NM	10 NM 14 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
⌖ KARAR 233042.00N 0585438.00E							X-ing T504
	278° 36 NM	10 NM 36 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
⌖ MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508,

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
							T511
Note 1: Traffic entering the OOMM FIR via TOTOX is required to call Muscat Control on 126.55 MHz. Note 2: Only for traffic landing OOMS.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L692 (RNAV 5)							
DAPOL (FIR boundary) 214301.00N 0553416.00E							Transfer of control point between OOMM and OEJD. FIR OOMM, OEJD
	092° 14 NM	10 NM 14 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
EMAVA 214208.00N 0554936.00E							X-ing L710
	092° 72 NM	10 NM 72 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
ITSAG 213720.00N 0570640.00E							X-ing B400
	093° 31 NM	10 NM 31 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
GISKA 213503.00N 0574014.00E							X-ing N569, P316 Y414, UB424
Muscat Control 118.325 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Flight Restriction: Note: Traffic entering via DAPOL is for traffic exiting OOMM FIR via REXOD, LOTAV and KITAL only.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
L695 Q899 (RNAV 5)							
PAROK 231030.00N 0590245.00E							X-ing P574
	285° 53 NM	10 NM 53 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
ITURA 232351.00N 0580720.00E							X-ing B400, M762, P570 Muscat Control 128.15 MHz
Muscat Control 135.60 MHz Flight Restriction: Note: Traffic entering the OOMM FIR at TOTOX destination in the northern UAE airports shall route via P574-PAROK-L695 Q899-ITURA-M762-VAXAS.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
L710 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
◆ MEMTU (FIR boundary) 232517.00N 0552443.00E							Transfer of control point between OOMM and OMAE. FIR OOMM, OMAE
	162° 24 NM	10 NM 24 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
✧ GOGMI 230215.00N 0553159.00E							X-ing M628
	162° 26 NM	10 NM 26 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
✧ ITKUN 223731.00N 0553934.00E							X-ing Z515 M717
	162° 23 NM	10 NM 23 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
✧ DEBAV 221532.00N 0554617.00E							X-ing G652
	173° 33 NM	10 NM 33 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
✧ EMAVA 214208.00N 0554936.00E							X-ing L692
	173° 26 NM	10 NM 26 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
✧ ITETA 211618.00N 0555208.00E							X-ing L833
	173° 24 NM	10 NM 24 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
✧							X-ing N315

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
IVENI 205158.00N 0555430.00E							
	173° 33 NM	10 NM 33 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
KASIN 201853.00N 0555742.00E							X-ing UB424
	174° 14 NM	10 NM 14 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
KEDON 200503.00N 0555901.00E							X-ing L556
	177° 35 NM	10 NM 35 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
KUKDI 193022.00N 0555953.00E							X-ing B400
	178° 32 NM	10 NM 32 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
DEDSO 185811.00N 0560041.00E							X-ing P316 Y414, R401, UL425
Muscat Control 124.70 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
L883 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
◆ SITOL (FIR boundary) 211604.00N 0552514.00E							X-ing N315 FIR OOMM, OEJD
	268° 25 NM	10 NM 25 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ ITETA 211618.00N 0555208.00E							X-ing L710
	268° 17 NM	10 NM 17 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ ALNUN 211625.00N 0561041.00E							X-ing R401
	268° 8 NM	10 NM 8 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ KUROV 211627.00N 0561853.00E							X-ing P304 Y515
	269° 35 NM	10 NM 35 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ MEVLI 211632.00N 0565606.00E							X-ing B400
	270° 104 NM	10 NM 104 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ UMILA 211555.00N 0584738.00E							X-ing N569
	090° / 270° 41 NM	10 NM 41 NM	UNL FL265 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ TAVKO 211519.00N 0593147.00E							X-ing P570
	090° / 270°	10 NM	UNL FL265	ODD	EVEN	+/- 5 NM	MOCA 7500

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5			7
	35 NM	35 NM	CLASS A	↓	↑		FT
GADMA 211439.00N 0600938.00E							X-ing M300
	090° / 270° 83 NM	10 NM 83 NM	UNL FL265 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
REXOD (FIR boundary) 211230.00N 0613830.00E							X-ing A775, M762, N318, N563 FIR OOMM, VABF Muscat Control 126.55 MHz
Muscat Control 123.95 MHz Flight Restrictions: Note 1: FL330 is not available via REXOD. Note 2: Only FL340, FL360, FL400 and FL430 available for westbound traffic exiting OOMM FIR via SITOL.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M300 (RNAV 5)							
LOTAV (FIR boundary) 203700.00N 0605700.00E							X-ing N569FIR OOMM, VABF
	309° / 129° 58 NM	10 NM 58 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
GADMA 211439.00N 0600938.00E							X-ing L883

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	309° / 129° 29 NM	10 NM 29 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
◆ GOLBA 213318.00N 0594600.00E							
	309° / 129° 63 NM	10 NM 63 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ EMURU 221357.00N 0585338.00E							X-ing N563, P570, T505
Muscat Control 118.325 MHz Flight Restrictions: Note 1: Traffic entering the OOMM FIR at LOTAV destination OMAL shall route via EMURU- P570-MIXAM-P899- ITRAX. Note 2: Traffic entering the OOMM FIR at LOTAV destination OMSJ or OMRK shall route via EMURU-P570- MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV. Note 3: Traffic routing via LOTAV for overfly OMAE FIR shall fly via EMURU-TULBU-N563-SODEX. Note 4: Traffic entering the OOMM FIR at LOTAV for overflying OMAE FIR and intending to route via OIIX FIR shall route via EMURU-P570-MIXAM-P574-SOLUD. Note 5: Traffic entering the OOMM FIR at LOTAV intending to land in OMAA, OMAD or OMAM shall use route Z855 P558 via TULBU. Note 6: FL330 not available via LOTAV.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M303 Q250 (RNAV 5)							
◇ MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508, T511

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	092° 51 NM	10 NM 51 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 4000 FT
SEVLA (Turning Point) 233321.00N 0591122.00E							
	103° 130 NM	10 NM 130 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 4000 FT
KIPOL 230410.00N 0612903.00E							X-ing L444, N881
Note: Only for traffic departing OOMS. Muscat Control 135.60 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M428 (RNAV 1)							
GOMTA 251115.00N 0563447.00E							Transfer of control pointbetwee n OOMM and OMAE.
	113° 71 NM	1 NM 71 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 3000 FT
TARBO 244351.00N 0574637.00E							X-ing M681 Z440, N430 Y220
	109° 57 NM	1 NM 57 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 3000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
MUNGA 242516.00N 0584533.00E							X-ing A777
Muscat Control 119.80 MHz Flight Restrictions: Note 1: Only for traffic departing northern UAE airports. Note 2: All UAE departures intending to enter VABF FIR shall exit OOMM FIR via RASKI or PARAR. Note 3: All UAE departures exiting OOMM FIR via DENDA, APELO or ALPOR shall route via GOMTA-M428- TARBO and then N430 Y220 to ITLOB-B505-EGTAL-R462 to DENDA or to continue on B505 to APELO or M681 Z440- DAMUM-B524 to ALPOR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M440 (RNAV 5)							
MIDGU (FIR boundary) 222706.00N 0552230.00E							Transfer of control point between OOMM and OEJD. X-ing Z515 M717 FIR OOMM, OEJD
	068° 61 NM	10 NM 61 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
DEMKI 224941.00N 0562308.00E							X-ing P304 Y515
	078° 52 NM	10 NM 52 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
TULBU 230005.00N							X-ing G652, M628, N563, N881,

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0571827.00E							T506, Z855 P558
Muscat Control 124.70 MHz Flight Restriction: Note 1: All traffic shall expect FL310 or above at MIDGU. Note 2: Traffic from TULBU intending to exit OOMM FIR at PARAR shall route via N881-AMBOS-Q620 M700- PARAR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M551 (RNAV 5)							
 DAXAM 171612.00N 0544715.00E							X-ing B400, P316 Y414
	117° / 297° 53 NM	10 NM 53 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
 KIVEL (FIR boundary) 165306.00N 0553633.00E							X-ing B549, R401 FIR OOMM, OYSC Muscat Control 123.95 MHz

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M564 (RNAV 1)							
◆ PASOV 243841.00N 0565037.00E							Transfer of control point between OOMM and OMAE. X-ing A454, B540, T509
	277° 17 NM	1 NM 17 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
◇ PUXIL 244117.00N 0563145.00E							X-ing P574
	277° 13 NM	1 NM 13 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
◇ VAXAS (FIR boundary) 244308.00N 0561807.00E							X-ing M762 FIR OOMM, OMAE
U.A.E. Centre 125.725 MHz Flight Restriction: Note: All traffic from DENDA, TAPDO, RASKI and PARAR destination OMDW or OMDM shall route from VUSET to A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M628 (RNAV 5)							
◆ LUDID (FIR boundary) 230227.00N 0551800.00E							FIR OOMM, OMAE

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	269° 13 NM	10 NM 13 NM	UNL FL255 CLASS A		EVEN ↑	+/- 5 NM	MOCA 5000 FT
GOGMI 230215.00N 0553159.00E							X-ing L710
	269° 21 NM	10 NM 21 NM	UNL FL255 CLASS A		EVEN ↑	+/- 5 NM	MOCA 5000 FT
LABSA 230153.00N 0555505.00E							X-ing R401
	270° 22 NM	10 NM 22 NM	UNL FL255 CLASS A		EVEN ↑	+/- 5 NM	MOCA 5000 FT
EGVAN 230127.00N 0561907.00E							X-ing Q730, Z515 M717
	270° 37 NM	10 NM 37 NM	UNL FL255 CLASS A		EVEN ↑	+/- 5 NM	MOCA 5000 FT
KUNGO 230034.00N 0565850.00E							X-ing R402 Q204, Z855 P558
	270° 18 NM	10 NM 18 NM	UNL FL255 CLASS A		EVEN ↑	+/- 5 NM	MOCA 5000 FT
TULBU 230005.00N 0571827.00E							X-ing G652, M440, N563, N881, T506, Z855 P558
	105° / 285° 26 NM	10 NM 26 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 12000 FT
IZK VOR/DME 225318.60N 0574542.73E							X-ing B400
	106° / 286° 49 NM	10 NM 49 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 12000 FT
							X-ing L444, L555, N318,

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
TOLDA 224008.00N 0583624.00E							P570
	273° 64 NM	10 NM 64 NM	UNL FL150 CLASS A		EVEN ↑	+/- 5 NM	MOCA 12000 FT
LOXOP 223722.00N 0594548.00E							X-ing N629
	273° 43 NM	10 NM 43 NM	UNL FL150 CLASS A		EVEN ↑	+/- 5 NM	MOCA 4500 FT
LOSIM 223513.00N 0603238.00E							X-ing P574
	273° 20 NM	10 NM 20 NM	UNL FL150 CLASS A		EVEN ↑	+/- 5 NM	MOCA 4500 FT
IVOMA 223408.00N 0605430.00E							X-ing L631
	274° 123 NM	10 NM 123 NM	UNL FL150 CLASS A		EVEN ↑	+/- 5 NM	MOCA 4500 FT
PARAR (FIR boundary) 222630.00N 0630700.00E							X-ing N571, N767, P307, Q620 M700 Traffic entering the OOMM FIR via PARAR is required to call Muscat Control 135.60 MHz. FIR OOMM, VABF

Flight Restrictions: Note 1: Traffic entering the OOMM FIR at PARAR destination OMAA, OMAM and OMAD shall route via TULBU-Z855 P558-SODEX.

Note 2: Traffic entering the OOMM FIR at PARAR destination OMAL shall route via LOSIM-P574-MIXAM-P899- ITRAX.

Note 3: Westbound traffic entering the OOMM FIR at PARAR and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID.

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Note 4: All traffic from PARAR destination OMDW and OMDM shall route via N571 from VUSET to A454- PASOV- M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 5: All traffic from PARAR destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 6: Traffic from TULBU intending to exit OOMM FIR at PARAR shall route via N881-AMBOS-Q620 M700- PARAR.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M681 Z440 (RNAV 1)							
TARBO 244351.00N 0574637.00E							X-ing M428, N430 Y220
	098° 79 NM	1 NM 79 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 3000 FT
DAMUM 243236.00N 0591307.00E							X-ing B524
Note: Only for traffic departing northern UAE airports. Muscat Control 119.80 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5			7
M762 (RNAV 5)							
◆ REXOD (FIR boundary) 211230.00N 0613830.00E							X-ing A775, L883, N318, N563FIR OOMM, VABF
	304° 144 NM	10 NM 144 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ SUR VOR/DME 223247.90N 0592929.70E							X-ing T504
	304° 41 NM	10 NM 41 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
◆ DELSO 225606.00N 0585233.00E							
	304° 50 NM	10 NM 50 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
◇ ITURA 232351.00N 0580720.00E							X-ing B400, L695 Q899, P570
	304° 20 NM	10 NM 20 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
◇ ALMOG 233524.00N 0574940.00E							X-ing Q978 N718
	306° 18 NM	10 NM 18 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ VELOD 234611.00N 0573435.00E							X-ing P899
	306° 44 NM	10 NM 44 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◆ GEXAN 241257.00N							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0565649.00E							
	307° 22 NM	10 NM 22 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◆ TAPRA 242607.00N 0563803.00E							X-ing T507 L559 Transfer of control point between OOMM and OMAE. U.A.E. Centre 125.725 MHz
	313° 25 NM	10 NM 25 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ VAXAS (FIR boundary) 244308.00N 0561807.00E							X-ing M564 FIR OOMM, OMAE

Muscat Control 126.55 MHz

Flight Restrictions: Note 1: Traffic entering the OOMM FIR at REXOD destination OMAL shall route via ITURA- P570-MIXAM-P899- ITRAX.
Note 2: Traffic entering the OOMM FIR at REXOD destination OMAA, OMAM or OMAD shall route via N563- TULBU-Z855 P558-SODEX.
Note 3: Traffic entering the OOMM FIR at REXOD destination OMSJ or OMRK shall route via ITURA-P570- MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.
Note 4: Traffic entering the OOMM FIR at REXOD for overfly OMAE FIR shall route via N563-TULBU-N563- SODEX.
Note 5: For traffic landing at northern UAE airports or overflying the northern UAE below FL255. ATC may re-route traffic to PASOV (B540) to facilitate the efficient flow of traffic.
Note 6: Traffic destination OMDW or OMDM exiting via TAPRA expect FL180 at TAPRA. Note 7: Traffic destination OMDB exiting via TAPRA expect FL240 at TAPRA.

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
M877 Z465 (RNAV 5)							
VUSET 235540.00N 0590812.00E							X-ing A454, N571, R462, T500
	230° / 050° 23 NM	10 NM 23 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
ITILA 234055.00N 0584817.00E							X-ing G216
	230° / 050° 26 NM	10 NM 26 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
KUSRA 232426.00N 0582611.00E							X-ing A775, G652, P574
	Muscat Control 128.15 MHz						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N315 (RNAV 5)							
SITOL (FIR boundary) 211604.00N 0552514.00E							X-ing L883FIR OOMM, OEJD
	310° 36 NM	10 NM 36 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
IVENI 205158.00N 0555430.00E							X-ing L710

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	310° 28 NM	10 NM 28 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
 VELIK 203322.00N 0561656.00E							X-ing P304 Y515, R401, UB424
	312° 15 NM	10 NM 15 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
 ORSIT 202306.00N 0562915.00E							X-ing B400
	312° 19 NM	10 NM 19 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
 MOBAB 201032.00N 0564415.00E							X-ing P316 Y414
	312° 130 NM	10 NM 130NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
 KUTVI (FIR boundary) 184306.00N 0582642.00E							X-ing L556 FIR OOMM, OYSC ACC Muscat Control
	123° / 303° 107 NM	10 NM 107 NM	UNL FL265 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
 ASPUX (FIR boundary) 174404.00N 0600004.00E							X-ing UL425 FIR OYSC, VABF Muscat Control 123.95 MHz

Flight Restrictions: Note 1: Only FL340, FL360, FL400 and FL430 available for westbound traffic exiting OOMM FIR via SITOL.

Note 2: Traffic entering OOMM FIR at ASPUX destination OMDW or OMDM shall route via VELIK-R401- MUSAP and expect FL150 at MUSAP.

Note 3: Traffic entering OOMM FIR at ASPUX destination OMDB, OMSJ or OMRK shall route via VELIK-R401- MUSAP and expect to cross MUSAP below FL250.

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N318 (RNAV 1, RNAV 5)							
◆ LABRI (FIR boundary) 240344.00N 0553842.00E							FIR OOMM, OMAE
	117° 23 NM	1 NM 23 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	RNAV 1 on segment LABRIGEV ED MOCA 12000 FT
◇ EGROK 235253.00N 0560126.00E							X-ing P304 Y515
	117° 65 NM	1 NM 65 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 12000 FT
◇ LAKLU 232235.00N 0570401.00E							X-ing G216, N685, R402 Q204, Y855
	116° 48 NM	1 NM 48 NM	UNL FL260 CLASS A	ODD ↓		+/- 1 NM	MOCA 12000 FT
◇ GEVED 230105.00N 0575111.00E							X-ing B400, N881
	116° 47 NM	10 NM 47 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 9500 FT
◇ TOLDA 224008.00N 0583624.00E							X-ing L444, L555, M628, P570
	116° 191 NM	10 NM 191NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 9500 FT
◆ REXOD (FIR boundary) 211230.00N 0613830.00E							X-ing A775, L883, M762, N563 FIR OOMM, VABF

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Muscat Control 124.70 MHz Flight Restrictions: Note 1: FL330 not available via REXOD. Note 2: Traffic from LAKLU intending to exit OOMM FIR at PARAR shall route via N318-GEVED-N881- AMBOS- Q620 M700-PARAR. Note 3: LABRI is not available for traffic overflying OMAE FIR exiting OOMM FIR via DENDA, APELO, ALPOR, RASKI and PARAR.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N430 Y220 (RNAV 1)							
TARBO 244351.00N 0574637.00E							X-ing M428, M681 Z440
	090° 73 NM	1 NM 73 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 4500 FT
ITLOB 244325.00N 0590701.00E							X-ing B505
Note: Only for traffic departing northern UAE airports. Muscat Control 119.80 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N563 (RNAV 1, RNAV 5)							
REXOD (FIR boundary) 211230.00N 0613830.00E							X-ing A775, L883, M762, N318FIR OOMM, VABF
	291° 165 NM	1 NM 165 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	MOCA 8000 FT
EMURU 221357.00N 0585338.00E							X-ing M300, P570, T505
	297° 99 NM	1 NM 99 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	MOCA 12000 FT
TULBU 230005.00N 0571827.00E							X-ing G652, M440, M628, N881, T506, Z855 P558 RNAV 1 on segment TULBUSO DEX
	297° 73 NM	10 NM 73 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCO 12000 FT
MEKNA 233309.00N 0560815.00E							X-ing P304 Y515
	297° 20 NM	10 NM 20 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 12000 FT
KURTA 234205.00N 0554900.00E							X-ing R401
	297° 17 NM	10 NM 17 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 12000 FT
SODEX (FIR boundary) 234954.00N 0553202.00E							X-ing Z855 P558 FIR OOMM, OMAE

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Muscat Control 126.55 MHz Flight Restrictions: Note 1: Traffic on segment between SODEX and TULBU is for overflying OMAE FIR only. Note 2: Traffic entering the OOMM FIR at REXOD destination OMAA, OMAM or OMAD shall route via TULBU- Z855 P558-SODEX. Note 3: Traffic entering the OOMM FIR at REXOD destination OMSJ or OMRK shall route REXOD-M762- ITURA- P570-MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV. Note 4: Traffic entering the OOMM FIR at REXOD destination OMAL shall route REXOD-M762-ITURA-P570- MIXAM-P899-ITRAX. Note 5: Traffic entering the OOMM FIR at REXOD for overflying OMAE FIR and intending to route via OIIX FIR shall route REXOD-A775-KUSRA-P574-SOLUD-GISMO.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N569 (RNAV 5)							
◆ TOKRA (FIR boundary) 220925.00N 0553350.00E							X-ing G652 FIR OOMM, OEJD
	285° 29 NM	10 NM 29 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ SUTLI 220121.00N 0560404.00E							X-ing R401
	285° 16 NM	10 NM 16 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ TOPSO 215653.00N 0562043.00E							X-ing P304 Y515
	285° 21 NM	10 NM 21 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
MOGOK 215057.00N 0564236.00E							X-ing R402 Q204
	285° 26 NM	10 NM 26 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
KEBAS 214330.00N 0570948.00E							X-ing B400
	285° 30 NM	10 NM 30 NM	UNL FL265 CLASS A		EVEN ↑	+/- 5 NM	MOCA 7500 FT
GISKA 213503.00N 0574014.00E							X-ing L692, P316 Y414, UB424
	105° / 286° 66 NM	10 NM 66 NM	UNL FL265 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
UMILA 211555.00N 0584738.00E							X-ing L883
	106° / 286° 53 NM	10 NM 53 NM	UNL FL265 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
GOLNI 210014.00N 0594130.00E							X-ing P570
	107° / 288° 74 NM	10 NM 74 NM	UNL FL265 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
LOTAV (FIR boundary) 203700.00N 0605700.00E							X-ing M300 FIR OOMM, VABF Muscat Control 118.325 MHz
Muscat Control 123.95 MHz Flight Restrictions: Note 1: FL330 not available via LOTAV. Note 2: Traffic entering the OOMM FIR at LOTAV destination OMAA, OMAD or OMAM shall route via EMURU- N563-TULBU-Z855 P558-SODEX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Note 3: Traffic entering the OOMM FIR at LOTAV destination OMSJ or OMRK shall route via EMURU-P570- MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N571 (RNAV 5)							
◆ PARAR (FIR boundary) 222630.00N 0630700.00E							X-ing M628, N767, P307, Q620 M700 FIR OOMM, VABF
	291° 148 NM	10 NM 148 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ RAGMA (Turning Point) 232301.00N 0603846.00E							X-ing L301
	290° 89 NM	10 NM 89 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ VUSET 235540.00N 0590812.00E							X-ing A454, M877 Z465, R462, T500
	294° 28 NM	10 NM 28 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	
◇ TOVDI 240733.00N 0584021.00E							
	293° 54 NM	10 NM 54 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	
◇							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
KIROP (Turning Point) 243000.00N 0574700.00E							
	292° 26 NM	10 NM 26 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	
ASNIB 243949.00N 0572105.00E							
	292° 47 NM	10 NM 47 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	
MENSA (FIR boundary) 245750.00N 0563249.00E							X-ing T509 FIR OOMM, OMAE
Muscat Control 135.60 MHz Flight Restrictions: Note 1: Traffic landing northern UAE airports and overflying OMAE FIR below FL200, shall route via A454- B540 (VUSET-PASOV-KUPMA). Note 2: Westbound traffic entering the OOMM FIR at PARAR and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID. Note 3: All traffic from PARAR destination OMDW or OMDM shall route from VUSET to A454-PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 4: All traffic from PARAR destination OMSJ or OMRK shall route via MENSA. All traffic expect FL160 at MENSA. Note 5: Traffic entering the OOMM FIR at PARAR destination OMAA, OMAD or OMAM shall route via M628 - TULBU-Z855 P558-SODEX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N629 (RNAV 5)							
TARDI (FIR boundary)							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
243418.00N 0560915.00E							
	130° 25 NM	10 NM 25 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
NOSMI (Turning Point) 241757.00N 0563002.00E							
	124° 26 NM	10 NM 26 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
BOTAM 240227.00N 0565320.00E							X-ing Y855
	124° 15 NM	10 NM 15 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
ELIVA 235335.00N 0570634.00E							
	124° 17 NM	10 NM 17 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
MUSUK 234320.00N 0572148.00E							X-ing T511
	127° 23 NM	10 NM 23 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
IVAKU 232919.00N 0574103.00E							X-ing G216
	127° 23 NM	10 NM 23 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
GEPOT 231446.00N 0580053.00E							X-ing B400, G652
	124° 24 NM	10 NM 24 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
GIDAN 230104.00N 0582232.00E							X-ing N881, P570
	107° 80 NM	10 NM 80 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
LOXOP 223722.00N 0594548.00E							X -ing M628
	107° 152 NM	10 NM 152 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
TOTOX (FIR boundary) 215030.00N 0622230.00E							X-ing L555, L631, P574 FIR OOMM, VABF
Muscat Control 124.70 MHz Flight Restrictions: Note 1: Route not available for traffic exiting OOMM FIR via N881 (RASKI) or M628 (PARAR). Note 2: Overflying traffic entering the OOMM FIR via TARDI and intending to exit via LOTAV, KITAL, REXOD or TOTOX shall route as follows: (1) TARDI-N629-GIDAN-P570- EMURU-M300-LOTAV. (2) TARDI-N629-GIDAN-P570-KITAL. (3) TARDI-N629-TOTOX. (4) TARDI-N629-GIDAN-P570-TOLDA-N318-REXOD.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N685 (RNAV 1)							
RETAS (FIR boundary) 235754.00N 0553423.00E							FIR OOMM, OMAE

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classification	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	115° 54 NM	1 NM 54 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 12000 FT
KOBIM 233309.00N 0562701.00E							X-ing Q730
	115° 27 NM	1 NM 27 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 12000 FT
PUTSO (Turning Point) 232037.00N 0565322.00E							X-ing Z515 M717
	079° 10 NM	1 NM 10 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	MOCA 12000 FT
LAKLU 232235.00N 0570401.00E							X-ing G216, N318, R402 Q204, Y855
Note: Only for traffic landing OOMS and OOSH. Muscat Control 124.70 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N767 (RNAV 5)							
PARAR (FIR boundary) 222630.00N 0630700.00E							X-ing M628, N571, P307, Q620 M700 FIR OOMM, VABF
	286° 126 NM	10 NM 126 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
VUSIN 225940.00N 0605510.00E							X-ing L444
	285° 16 NM	10 NM 16 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
ATBED 230352.00N 0603752.00E							X-ing N881
	285° 85 NM	10 NM 85 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
ELIGO 232458.00N 0590848.00E							X-ing L631
Note 1: Only for traffic landing OOMS. Note 2: Traffic entering the OOMM FIR via PARAR is required to call Muscat Control on 135.60 MHz.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
N881 (RNAV 5)							
RASKI (FIR boundary) 230330.00N 0635200.00E							X-ing L301FIR OOMM, VABF
	269° / 089° 118 NM	10 NM 118 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
SETSI 230412.00N 0614410.00E							X-ing P307

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	269° / 089° 14 NM	10 NM 14 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 4500 FT
KIPOL 230410.00N 0612903.00E							X-ing L444, M303 Q250
	089° 47 NM	10 NM 47 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 4500 FT
ATBED 230352.00N 0603752.00E							X-ing N767
	089° 40 NM	10 NM 40 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 4500 FT
AMBOS 230324.00N 0595405.00E							X-ing L631, Q620 M700
	089° 29 NM	10 NM 29 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 4500 FT
MUSRU 230256.00N 0592223.00E							X-ing P574, T502
	088° 21 NM	10 NM 21 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 12000 FT
OBTIN 230216.00N 0585920.00E							X-ing A775
	088° 34 NM	10 NM 34 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 12000 FT
GIDAN 230104.00N 0582232.00E							X-ing N629, P570
	089° 29 NM	10 NM 29 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 12000 FT
							X-ing B400, N318

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
GEVED 230105.00N 0575111.00E							
	088° 30 NM	10 NM 30 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 12000 FT
TULBU 230005.00N 0571827.00E							X-ing G652, M440, M628, N563, T506, Z855 P558
Muscat Control 135.60 MHz Flight Restrictions: Note 1: Traffic entering the OOMM FIR at RASKI destination OMAA, OMAD or OMAM shall route via KIPOL-L444-TOLDA-M628-TULBU-Z855 P558-SODEX. Note 2: Traffic entering the OOMM FIR at RASKI destination OMAL shall route via KIPOL-L444-KAXEM-P574- MIXAM-P899-ITRAX. Note 3: Traffic entering the OOMM FIR at RASKI and landing at OOMS shall route via KIPOL-L444-VUSIN-N767- ELIGO-L631-MCT (DVOR/DME). Note 4: Westbound traffic entering the OOMM FIR at RASKI and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID. Note 5: All traffic from RASKI destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 6: All traffic from RASKI destination OMDW or OMDM shall route via L301-RAGMA-N571-VUSET to A454- PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 7: Traffic from TULBU intending to exit OOMM FIR at PARAR shall route via TULBU-N881-AMBOS-Q620 M700- PARAR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
P304 Y515 (RNAV 5)							
VELIK 203322.00N 0561656.00E							X-ing N315, R401, UB424
	001° / 181° 43 NM	10 NM 43 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
KUROV 211627.00N 0561853.00E							X-ing L883
	001° / 181° 40 NM	10 NM 40 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
TOPSO 215653.00N 0562043.00E							X-ing N569
	001° / 181° 36 NM	10 NM 36 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
NAMVA 223309.00N 0562223.00E							X-ing G652
	001° / 181° 17 NM	10 NM 17 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
DEMKI 224941.00N 0562308.00E							X-ing M440
	358° / 178° 28 NM	10 NM 28 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
EMISO 231734.00N 0562307.00E							X-ing Q730
Muscat Control 123.95 MHz For OOSH arrival from the South. Southbound traffic mainly will be OOFD departure to the South.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
P307						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
(RNAV 1, RNAV 5)							
◆ TONVO (FIR boundary) 250500.00N 0563200.00E							X-ing A777
	112° 71 NM	1 NM 71 NM	UNL FL150 CLASS A	ODD ↓		+/- 1 NM	FIR OOMM, OMAE RNAV 1 on segment TONVO PURNI MOCA 3000 FT
◇ PURNI 243804.00N 0574354.00E							
	113° 48 NM	10 NM 48 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
◇ KUNUS 241927.00N 0583226.00E							
	113° 47 NM	10 NM 47 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
◇ ALSAS 240054.00N 0591955.00E							X-ing R462
	110° 27 NM	10 NM 27 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
◇ DERTO 235033.00N 0594746.00E							X-ing G216
	110° 83 NM	10 NM 83 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 3000 FT
◇ VAXIM 231900.00N 0611100.00E							X-ing A777, L301, L430
	115° / 295°	10 NM	UNL FL150	ODD	EVEN	+/- 5 NM	MOCA 3000

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	34 NM	34 NM	CLASS A	↓	↑		FT
SETSI 230412.00N 0614410.00E							X-ing N881
	114° / 294° 85 NM	10 NM 85 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 3000 FT
PARAR (FIR boundary) 222630.00N 0630700.00E							X-ing M628, N571, N767, Q620 M700 FIR OOMM, VABF
Muscat Control 135.60 MHz. Traffic entering the OOMM FIR via TONVO shall contact Muscat Control on 119.80 MHz. Flight Restrictions: Note 1: Westbound traffic entering the OOMM FIR at PARAR and overflying the OMAE FIR shall route via N571 to MENSA. Except for traffic intending to exit via LUDID. Note 2: Eastbound traffic from FL270-UNL overflying OMAE FIR and exiting OOMM FIR via DENDA, APELO or ALPOR shall route via TONVO-A777-NADSO and then B505 to EGTAL-R462 to DENDA or to continue on B505 to APELO or B524 to ALPOR. For traffic at or below FL250 route via LALDO-B505- EGTAL-R462-DENDA and LALDO-B505-APELO or LALDO-B505-NADSO-B524-ALPOR. Note 3: All UAE departures intending to enter VABF FIR shall exit OOMM FIR via RASKI or PARAR. Note 4: All traffic from PARAR destination OMDW or OMDM shall route via N571 from VUSET to A454- PASOV- M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 5: All traffic from PARAR destination OMSJ or OMRK shall route via N571 to MENSA. All traffic expect FL160 at MENSA. Note 6: Traffic entering the OOMM FIR at PARAR destination OMAA, OMAD or OMAM shall route via M628- TULBU-Z855 P558-SODEX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
P316 Y414 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
SLL DVOR/DME 170259.36N 0540656.97E							X-ing B535, UB535
	071° / 251° 41 NM	10 NM 41 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
DAXAM 171612.00N 0544715.00E							X-ing B400, M551
	035° 36 NM	10 NM 36 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
KAPOP 174544.00N 0550930.00E							
	035° 24 NM	10 NM 24 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
GAGLA 180505.00N 0552410.00E							
	033° 18 NM	10 NM 18 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
NALTI 182012.00N 0553431.00E							
	033° 45 NM	10 NM 45 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
DEDSO 185811.00N 0560041.00E							X-ing L710, R401, UL425
	030° 59 NM	10 NM 59 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
GIVNO 195011.00N 0563059.00E							X-ing L556
	031° 24 NM	10 NM 24 NM	UNL FL150	ODD		+/- 5 NM	MOCA 7500

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
			CLASS A	↓			FT
MOBAB 201032.00N 0564415.00E							X-ing N315
	031° 99 NM	10 NM 99 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
GISKA 213503.00N 0574014.00E							X-ing L692, N569, UB424
	031° 39 NM	10 NM 39 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
RADAX (Turning Point) 220809.00N 0580230.00E							
	007° 88 NM	10 NM 88 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 7500 FT
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508, T511
Note: Route between DEDSO and MCT to be used only for traffic landing at OOMS. Muscat Control 123.95 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
P513 Z890 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
BUBAS 245938.00N 0570003.00E							X-ing A777
	148° / 328° 63 NM	10 NM 63 NM	UNL 3000 FT CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	
GERAR 240600.00N 0573616.00E							X-ing B540
	143° / 323° 30 NM	10 NM 30 NM	UNL 3000 FT CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	
MIXAM 234139.00N 0575523.00E							X-ing P570, P574, P899, R462, T508
	108° / 288° 19 NM	10 NM 19 NM	UNL 3000 FT CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, Q978 N718, T500, T502, T503, T505, T506, T508, T511
Muscat Control 119.80 MHz Flight Restriction: Note: To be used only by traffic: (1) To/from OOKB. (2) Arrivals to OOMS from North. (3) Section BUBAS-GERAR-MIXAM available for eastbound traffic departing from OMFJ.) Section MIXAM-GERAR available for westbound traffic destination OMSJ, OMRK and OMFJ exiting OOMM FIR via PASOV.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
P570 (RNAV 5)							
◆ KITAL (FIR boundary) 200300.00N 0601800.00E							FIR OOMM, VABF
	329° / 149° 66 NM	10 NM 66 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ GOLNI 210014.00N 0594130.00E							X-ing N569
	328° / 148° 17 NM	10 NM 17 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
◇ TAVKO 211519.00N 0593147.00E							X-ing L883
	328° / 148° 25 NM	10 NM 25 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
◆ BONOM 213636.00N 0591800.00E							
	328° / 148° 44 NM	10 NM 44 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
◇ EMURU 221357.00N 0585338.00E							X-ing M300, N563, T505
	327° / 147° 30 NM	10 NM 30 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
◇ TOLDA 224008.00N 0583624.00E							X-ing L444, L555, M628, N318
	328° / 148° 24 NM	10 NM 24 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
◇ GIDAN 230104.00N							X-ing N629, N881

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0582232.00E							
	327° / 147° 27 NM	10 NM 27 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 11000 FT
ITURA 232351.00N 0580720.00E							X-ing B400, L695 Q899, M762
	327° / 147° 21 NM	10 NM 21 NM	UNL FL280 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
MIXAM 234139.00N 0575523.00E							X-ing P513 Z890, P574, P899, R462, T508
Muscat Control 118.325 MHz Flight Restrictions: Note 1: Traffic intending to land or overfly northern UAE airports below FL255 shall use route M762 (ITURA-TAPRA-VAXAS) to enter the OMAE FIR. Note 2: Traffic entering the OOMM FIR at KITAL destination OMAL will be required to fly via MIXAM-P899- ITRAX. Note 3: Traffic entering the OOMM FIR at KITAL destination OMSJ or OMRK shall route via MIXAM-P513 Z890- GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV. Note 4: Traffic routing via KITAL for overflying OMAE FIR shall route via EMURU-N563-SODEX. Note 5: Traffic entering the OOMM FIR at KITAL for overflying OMAE FIR and intending to route via OIIX FIR shall route via MIXAM-P574-SOLUD. Note 6: Overflying traffic intending to exit OOMM FIR at KITAL shall route via LABRI-N318-TOLDA-P570- KITAL or TARDI-N629-GIDAN-P570-KITAL. Note 7: FL330 not available via KITAL. Note 8: Traffic entering the OOMM FIR at KITAL destination OMAA, OMAD or OMAM shall use route Z855 P558 via TULBU.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
P574 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
◆ TOTOX (FIR boundary) 215030.00N 0622230.00E							X-ing L555, L631, N629 FIR OOMM, VABF
	294° / 113° 111 NM	10 NM 111 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ LOSIM 223513.00N 0603238.00E							X-ing M628
	293° / 113° 40 NM	10 NM 40 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ KAXEM 225103.00N 0595243.00E							X-ing L444
	293° / 113° 30 NM	10 NM 30 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ MUSRU 230256.00N 0592223.00E							X-ing N881, T502
	293° / 113° 20 NM	10 NM 20 NM	UNL FL280 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ PAROK 231030.00N 0590245.00E							X-ing L695 Q899
	293° 36 NM	10 NM 36 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ KUSRA 232426.00N 0582611.00E							X-ing A775, G652, M877 Z465
	300° 33 NM	10 NM 33 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ MIXAM 234139.00N 0575523.00E							X-ing P513 Z890, P570, P899, R462,T508
	307° 30 NM	10 NM 30 NM	UNL FL150		EVEN	+/- 5 NM	MOCA 8000

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
			CLASS A		↓		FT
◇ DAPOK 235956.00N 0572959.00E							X-ing T507 L559, T508, T509, Y623
	306° 38 NM	10 NM 38 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◆ EMATA 242309.00N 0565721.00E							
	306° 15 NM	10 NM 15 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◆ SOLUD 243223.00N 0564421.00E							X-ing T508 Transfer of control point between OOMM and OMAE. U.A.E. Centre 125.725 MHz
	306° 15 NM	10 NM 15 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ PUXIL 244117.00N 0563145.00E							X-ing M564
	306° 11 NM	10 NM 11 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
◇ GISMO (FIR boundary) 244743.00N 0562236.00E							FIR OOMM, OMAE

Muscat Control 126.55 MHz

Flight Restrictions: Note 1: Traffic entering the OOMM FIR at TOTOX destination OMAL shall route via MIXAM- P899-ITRAX.
Note 2: Traffic entering the OOMM FIR at TOTOX destination OMSJ or OMRK shall route via P574-PAROK-L695 Q899- ITURA-P570-MIXAM-P513 Z890-GERAR-B540-PASOV-KUPMA. All traffic expect FL180 at PASOV.
Note 3: Traffic entering the OOMM FIR at TOTOX destination in the northern UAE airports shall route via PAROK- L695 Q899 - ITURA-M762-VAXAS.

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Note 4: Traffic entering the OOMM FIR at TOTOX destination OMAA, OMAD or OMAM shall use route via L555- TOLDA-M628-TULBU-Z855 P558-SODEX. Note 5: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR shall fly via L555-TOLDA-M628- TULBU-N563-SODEX (unless traffic is planning through OIIX FIR). Note 6: Traffic entering the OOMM FIR at TOTOX for overflying OMAE FIR and intending to route via OIIX FIR shall route via MIXAM-P574-SOLUD. Note 7: FL330 not available via TOTOX.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
P899 (RNAV 5)							
MIXAM 234139.00N 0575523.00E							X-ing P513 Z890, P570, P574, R462, T508
	282° 20 NM	10 NM 20 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
VELOD 234611.00N 0573435.00E							X-ing M762
	282° 73 NM	10 NM 73 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
PAXIM 240245.00N 0561631.00E							
	291° 28 NM	10 NM 28 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 11000 FT
ITRAX (FIR boundary) 241248.00N 0554749.00E							X-ing Q978 N718 FIR OOMM, OMAE
Muscat Control 124.70 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Flight Restrictions: Note 1: Only available for traffic overflying OOMM FIR and landing at southern UAE airports. Note 2: Not available for OOMS departures. These flights shall route via Q978 N718 to ITRAX.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
Q620 M700 (RNAV 5)							
◆ AMBOS 230324.00N 0595405.00E							X-ing L631, N881
	099° 182 NM	10 NM 182 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
◆ PARAR (FIR boundary) 222630.00N 0630700.00E							X-ing M628, N571, N767, P307 FIR OOMM, VABF

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Q730 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
EGVAN 230127.00N 0561907.00E							X-ing M628, Z515 M717
	011° 16 NM	10 NM 16 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
EMISO 231734.00N 0562307.00E							X-ing P304 Y515
	011° 16 NM	10 NM 16 NM	UNL 11000 CLASS A/C	ODD ↓		+/- 5 NM	
KOBIM 233309.00N 0562701.00E							X-ing N685
	011° 17 NM	10 NM 17 NM	UNL 11000 CLASS A/C	ODD ↓		+/- 5 NM	
DESPI 234951.00N 0563110.00E							
	011° 18 NM	10 NM 18 NM	UNL 8000 CLASS A/C	ODD ↓		+/- 5 NM	
KUNRA 240715.00N 0563531.00E							
	012° 26 NM	10 NM 26 NM	UNL 8000 CLASS A/C	ODD ↓		+/- 5 NM	
LADBI 243224.00N 0564117.00E							
Note: Only for traffic destination OOSH.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
Q978 N718 (RNAV 1)							
 MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, T500, T502, T503, T505, T506, T508, T511
	269° 24 NM	1 NM 24 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
 ALMOG 233524.00N 0574940.00E							X-ing M762
	269° 39 NM	1 NM 39 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
 IVETO 233520.00N 0570704.00E							
	293° 53 NM	1 NM 53 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
 LOPIL 235642.00N 0561400.00E							
	304° 29 NM	1 NM 29 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
 ITRAX (FIR boundary) 241248.00N 0554749.00E							X-ing P899 FIR OOMM, OMAE
Flight Restrictions: Note 1: For traffic departing OOMS and exit OOMM FIR at ITRAX. Note 2: The maximum flight level departing OOMS destination OTHH or OBBI is FL320.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
R401 (RNAV 5)							
◆ KIVEL (FIR boundary) 165306.00N 0553633.00E							X-ing B549, M551 FIR OOMM, OYSC
	008° / 188° 66 NM	10 NM 66 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ ERDAX 175903.00N 0554458.00E							
	015° / 195° 61 NM	10 NM 61 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ DEDSO 185811.00N 0560041.00E							X-ing L710, P316 Y414, UL425
	015° / 195 62 NM	10 NM 62 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
◆ HAI DVOR/DME 195813.31N 0561650.82E							X-ing B400, L556, R402 Q204
	001° / 179° 35 NM	10 NM 35 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 7500 FT
◇ VELIK 203322.00N 0561656.00E							X-ing N315, P304 Y515, UB424
	352° 43 NM	10 NM 43 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◇ ALNUN 211625.00N 0561041.00E							X-ing L883
	351° 45 NM	10 NM 45 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◇ SUTLI 220121.00N							X-ing N569

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0560404.00E							
	351° 22 NM	10 NM 22 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◇ DATBU 222243.00N 0560054.00E							X-ing G652
	351° 26 NM	10 NM 26 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◇ KATAK 224811.00N 0555708.00E							X-ing Z515 M717
	350° 14 NM	10 NM 14 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◇ LABSA 230153.00N 0555505.00E							X-ing M628
	350° 31 NM	10 NM 31 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◆ DOLFI 233253.00N 0555024.00E							X-ing Z855 P558
	350° 9 NM	10 NM 9 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◇ KURTA 234205.00N 0554900.00E							X-ing N563
	005° 36 NM	10 NM 36 NM	UNL 7500 FT CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
◆ MUSAP (FIR boundary) 241754.00N 0555245.00E							FIR OOMM, OMAE
Muscat Control 123.95 MHz Flight Restrictions: Note 1: Airway between KURTA and MUSAP only available for traffic landing or overflying							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
northern UAE airports. Traffic destination OMDB, OMRK and OMSJ expect to cross MUSAP below FL250. Traffic destination OMDW or OMDM expect FL150 at MUSAP. Note 2: All traffic on R401 intending to enter OMAE FIR shall route via DOLFI-Z855 P558-SODEX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
R402 Q204 (RNAV 5)							
LAKLU 232235.00N 0570401.00E							X-ing, G216, N318, N685, Y855
	192° / 012° 23 NM	10 NM 23 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
KUNGO 230034.00N 0565850.00E							X-ing M628, Z855 P558
	192° / 012° 11 NM	10 NM 11 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
NALKI 224928.00N 0565614.00E							X-ing G652
	192° 60 NM	10 NM 60 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
MOGOK 215057.00N 0564236.00E							X-ing N569
	192° 72 NM	10 NM 72 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
TUBSA 204029.00N 0562626.00E							X-ing UB424
	192° 43 NM	10 NM 43 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 7500 FT
HAI DVOR/DME 195813.31N 0561650.82E							X-ing B400, L556, R401
Muscat Control 124.70 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
R462 (RNAV 5)							
DENDA (FIR boundary) 244230.00N 0605451.00E							FIR OOMM, OIIX
	242° / 062° 18 NM	10 NM 18 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
EGTAL 243458.00N 0603724.00E							X-ing B505
	243° / 063° 32 NM	10 NM 32 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
ASLOM 242113.00N 0600552.00E							X-ing B524, L430
	243° / 063° 36 NM	10 NM 36 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
MIXOL 240523.00N 0592959.00E							X-ing A777
	242° / 062° 10 NM	10 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
ALSAS 240054.00N 0591955.00E							X-ing P307
	243° / 063° 12 NM	10 NM 12 NM	UNL FL150 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 3000 FT
VUSET 235540.00N 0590812.00E							X-ing A454, M877 Z465, N571, T500
	257° 68 NM	10 NM 68 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
MIXAM 234139.00N 0575523.00E							X-ing P513 Z890, P570, P574, P899, T508
Muscat Control 128.15 MHz Flight Restrictions: Note 1: All traffic from DENDA destination OMDW or OMDM shall route from VUSET to A454- PASOV-M564 via PUXIL to VAXAS. All traffic expect FL190 at PASOV. Note 2: All traffic from DENDA destination OMSJ or OMRK shall route from VUSET via N571 to MENSA. All traffic expect FL160 at MENSA.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
T500 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T502, T503, T505, T Y414506, T508, T511
	066° / 246° 52 NM	10 NM 52 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 3000 FT
VUSET 235540.00N 0590812.00E							X-ing A454, M877 Z465, N571, R462
Note 1: Only for departing and arriving traffic OOMS. Note 2: The maximum Flight Level departing Muscat Intl for destination OPKC is FL310. Muscat Control 128.15 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T502 (RNAV 5)							
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T503, T505, T506, T508, T511
	117° 70 NM	10 NM 70 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 10000 FT
MUSRU 230256.00N 0592223.00E							X-ing N881, P574
Note: Only for traffic departing OOMS.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Muscat Control 135.60 MHz						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T503 (RNAV 5)							
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T505, T506, T508, T511
	126° 118 NM	10 NM 118 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	MOCA 11000 FT
TUMET 222307.00N 0595702.00E							X-ing A775, L555
Note 1: Only for traffic departing OOMS. Note 2: FL330 not available via REXOD. Muscat Control 135.60 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
T504 (RNAV 5)						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
SUR VOR/DME 223247.90N 0592929.70E							X-ing M762
	331° 47 NM	10 NM 47 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 10000 FT
TARVI 231400.00N 0590444.00E							
	331° 19 NM	10 NM 19 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 4000 FT
KARAR 233042.00N 0585438.00E							X-ing L631
Note: Only for traffic landing OOMS. Muscat Control 135.60 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T505 (RNAV 5)							
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T506, T508, T511
	156° / 336° 88 NM	10 NM 88 NM	UNL FL150 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 11000 FT
EMURU 221357.00N							X-ing M300, N563, P570

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
0585338.00E							
Note 1: Only for traffic departing and arriving OOMS. Note 2: FL330 not available via LOTAV and KITAL. Muscat Control 135.60 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T506 (RNAV 5)							
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T508, T511
	235° 63 NM	10 NM 63 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 12000 FT
TULBU 230005.00N 0571827.00E							X-ing G652, M440, M628, N563, N881, Z855 P558
Muscat Control 124.70 MHz Flight Restriction: Note: Only for traffic departing OOMS exiting OOMM FIR via LUDID or TOKRA.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T507 L559 (RNAV 5)							
DAPOK 235956.00N 0572959.00E							X-ing P574, T508, T509, Y623
	298° 54 NM	10 NM 54 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
TAPRA 242607.00N 0563803.00E							X-ing M762 Transfer of control point between OOMM and OMAE.
Muscat Control 119.80 MHz Flight Restriction: Note 1: Only for traffic departing OOMS. Note 2: Only for traffic destination OMDW or OMDM shall route via TAPRA-M762-VAXAS and expect FL180 at TAPRA. ATC may re-route traffic to PASOV (B540) to facilitate the efficient flow of traffic into northern UAE airports.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T508 (RNAV 5)							
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T511
	288° 19 NM	10 NM 19 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
MIXAM 234139.00N 0575523.00E							X-ing P513 Z890, P570, P574, P899, R462
	307° 29 NM	10 NM 29 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
DAPOK 235956.00N 0572959.00E							X-ing P574, T507 L559, T509, Y623
	307° 53 NM	10 NM 53 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 8000 FT
SOLUD 243223.00N 0564421.00E							X-ing P574 Transfer of control point between OOMM and OMAE.
Muscat Control 119.80 MHz Flight Restrictions: Note 1: Only for traffic departing OOMS destination OMDB at FL200 or below. Note 2: Traffic departing OOMS transiting OMAE FIR entering OIIX FIR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T509 (RNAV 5)							
DAPOK 235956.00N 0572959.00E							X-ing P574, T507 L559, T508, Y623
	316° 53 NM	10 NM 53 NM	UNL FL150 CLASS A		EVEN ↓	+/- 5 NM	MOCA 3000 FT
							X-ing A454, B540, M564

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
PASOV 243841.00N 0565037.00E							Transfer of control point between OOMM and OMAE.
	319° 25 NM	10 NM 25 NM	13000 FT 3500 FT CLASS C		EVEN ↓	+/- 5 NM	MOCA 3000 FT
MENSA (FIR boundary) 245750.00N 0563249.00E							X-ing N571
	307° 13 NM	10 NM 13 NM	13000 FT 3500 FT CLASS C		EVEN ↓	+/- 5 NM	MOCA 3000 FT
FJV DVOR/DME 250603.00N 0562116.00E							Emirates ACC 125.725 MHz
Muscat Control 119.80 MHz Flight Restriction: Note 1: Only available for traffic departing OOMS and landing at OMSJ, OMRK or OMFJ at FL180 or below. ATC may re-route traffic to TAPRA (M762) to facilitate the efficient flow of traffic into northern UAE airports. Note 2: Route between PASOV and FJV only available for traffic landing at OMFJ.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
T511 (RNAV 5)							
MUSUK 234320.00N 0572148.00E							X-ing N629
	099° 50 NM	10 NM 50 NM	UNL FL150 CLASS A	ODD		+/- 5 NM	MOCA 11000 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
				↓			
MCT DVOR/DME 233528.04N 0581536.48E							X-ing B400, G216, L631, M303 Q250, P316 Y414, P513 Z890, Q978 N718, T500, T502, T503, T505, T506, T508
Note: Only for traffic landing OOMS. Muscat Control 119.80 MHz							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
UB424 (RNAV 5)							
GISKA 213503.00N 0574014.00E							X-ing L692, N569, P316 Y414
	051° 66 NM	10 NM 66 NM	UNL FL270 CLASS A	ODD ↑		+/- 5 NM	MOCA 7500 FT
VUTAP 205411.00N 0564449.00E							X-ing B400
	231° / 051° 22 NM	10 NM 22 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
TUBSA 204029.00N 0562626.00E							X-ing R402 Q204
	231° / 051° 11 NM	10 NM 11 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
 VELIK 203322.00N 0561656.00E							X-ing N315, P304 Y515, R401
	230° / 050° 23 NM	10 NM 23 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
 KASIN 201853.00N 0555742.00E							X-ing L710
	230° / 050° 14 NM	10 NM 14 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
 OTISA 201000.00N 0554556.00E							X-ing L556
	250° / 070° 108 NM	10 NM 108 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
 NOVNO 193313.00N 0535858.00E							X-ing UL425
	250° / 070° 117 NM	10 NM 117 NM	UNL FL270 CLASS A	ODD ↑	EVEN ↓	+/- 5 NM	MOCA 7500 FT
 SABEL (FIR boundary) 185158.00N 0520339.00E							FIR OOMM, OYSC Muscat Control 123.95 MHz
Flight Restrictions: Note 1: Traffic intending to land at OOMS shall use P316 Y414 from GISKA. Note 2: Traffic entering OOMM FIR at SABEL destination OMDW or OMDM shall route via VELIK-R401- MUSAP and expect FL150 at MUSAP. Note 3: Traffic entering OOMM FIR at SABEL destination OMDB, OMSJ or OMRK shall route via VELIK-R401- MUSAP and expect to cross MUSAP below FL250.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Remarks Controlling unit channel Logon address
1	2	3	4	5		6
UB535 (RNAV 5)						
◆ KAPET (FIR boundary) 163322.00N 0530614.00E						X-ing B535 FIR OOMM, OYSC
	063° / 243° 44 NM	10 NM 44 NM	UNL FL280 CLASS A	ODD ↓	EVEN ↑	MOCA 7000 FT
◇ LADAR 165324.00N 0534655.00E						X-ing B549, B535
	063° / 244° 21 NM	10 NM 21 NM	UNL FL280 CLASS A	ODD ↓	EVEN ↑	MOCA 7000 FT
◇ SLL DVOR/DME 170259.36N 0540656.97E						X-ing P316
	223° 89 NM	10 NM 89 NM	UNL FL280 CLASS A		EVEN ↑	MOCA 7000 FT
◇ ASTUN 180832.00N 0551040.00E						X-ing B400, B535
Muscat Control 123.95 MHz Flight Restrictions: Note 1: Aircraft intending to land OOMS shall use route P316. Note 2: Eastbound traffic shall use P316 from SLL to DEDSO then as planned Route. Note 3: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDW or OMDM shall route via SLL-P316-DEDSO-R401-MUSAP and expect FL150 at MUSAP. Note 4: Traffic entering OOMM FIR at KAPET or departing at OOSA destination OMDB, OMSJ or OMRK shall route via SLL-P316-DEDSO-R401-MUSAP and expect to cross MUSAP below FL250.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
UL425 (RNAV 5)							
◆ GOBRO (FIR boundary) 193622.00N 0534741.00E							FIR OOMM, OEJD
	107° / 287° 11 NM	10 NM 11 NM	UNL FL255 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
◇ NOVNO 193313.00N 0535858.00E							X-ing UB424
	107° / 287° 104 NM	10 NM 104 NM	UNL FL255 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
◇ ITUVO 190315.00N 0554328.00E							X-ing B400
	107° / 287° 17 NM	10 NM 17 NM	UNL FL270 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
◇ DEDSO 185811.00N 0560041.00E							X-ing L710, P316 Y414, R401
	108° / 288 118 NM	10 NM 118 NM	UNL FL270 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
◆ BOVOS (FIR boundary) 182230.00N 0575844.00E							FIR OOMM, OYSC ACC Muscat Control
	108° / 288 122 NM	10 NM 122 NM	UNL FL270 CLASS A	ODD ↓	EVEN ↑	+/- 5 NM	MOCA 8000 FT
◆ ASPUX (FIR boundary) 174404.00N 0600004.00E							X-ing N315 FIR OYSC, VABF Muscat Control 123.95 MHz
Muscat Control 123.95 MHz Flight Restrictions: Note 1: FL330 not available for eastbound traffic via ASPUX.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels	Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5	6	7
Note 2: Only FL340 and above available for westbound traffic exiting OOMM FIR via GOBRO.						

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
Y623 (RNAV 1)							
DAPOK 235956.00N 0572959.00E							X-ing P574, T507 L559, T508, T509
	290° 29 NM	1 NM 29 NM	UNL 8000 CLASS A/C		EVEN ↓	+/- 1 NM	
GIVLA 241020.00N 0570032.00E							
Note: For traffic landing OOSH only.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
Y855 (RNAV 1)							
BOTAM 240227.00N 0565320.00E							X-ing N629
	166° 41 NM	1 NM 41 NM	UNL 11000	ODD		+/- 1 NM	

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
			CLASS A/C	↓			
LAKLU 232235.00N 0570401.00E							X-ing G216, N318, N685, R402 Q204
Note: For departures from OOSH only. Flight Restriction: Note: Traffic from LAKLU intending to exit OOMM FIR at PARAR shall route via N318-GEVED- N881- AMBOS-Q620 M700-PARAR.							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
Z515 M717 (RNAV 5)							
MIDGU (FIR boundary) 222706.00N 0552230.00E							X-ing M440
	055° 19 NM	10 NM 19 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
ITKUN 223731.00N 0553934.00E							X-ing L710
	055° 19 NM	10 NM 19 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
KATAK 224811.00N 0555708.00E							X-ing R401
	055° 24 NM	10 NM 24 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
							X-ing M628, Q730

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
EGVAN 230127.00N 0561907.00E							
	058° 19 NM	10 NM 19 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
GENIR 231111.00N 0563630.00E							
	058° 18 NM	10 NM 18 NM	UNL FL150 CLASS A	ODD ↓		+/- 5 NM	
PUTSO 232037.00N 0565322.00E							X-ing N685
Muscat Control 124.70 MHz Note: Only available for traffic landing in Oman's airports and shall expect flight levels between FL310 and FL370 inclusive at MIDGU. Transfer of control point between OOMM and OEJD. FIR OOMM, OEJD							

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
Z855 P558 (RNAV 1)							
TULBU 230005.00N 0571827.00E							X-ing G652, M440, M628, N563, N881, T506
	270° 18 NM	1 NM 18 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
KUNGO 230034.00N 0565850.00E							X-ing M628, R402 Q204

Route Designator (RNP Type) Name of Significant Points Coordinates	Way-point IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Geodesic DIST NM	Upper Limit Lower Limit Airspace classificatio n	Direction of Cruising Levels		Navigation accuracy requirement	Remarks Controlling unit channel Logon address
1	2	3	4	5		6	7
	297° 71 NM	1 NM 71 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
✦ DOLFI 233253.00N 0555024.00E							X-ing R401
	315° 24 NM	1 NM 24 NM	UNL FL150 CLASS A		EVEN ↓	+/- 1 NM	
✦ SODEX (FIR boundary) 234954.00N 0553202.00E							X-ing N563 FIR OOMM, OMAE
Note: For traffic landing at OMAA, OMAD & OMAM.							

Note:

ENR 6 ATS ROUTES charts requires to be updated with the new ATS route designators

هيئة الطيران المدني
CIVIL AVIATION AUTHORITY

ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

Name code	*Coordinates*	*ATS Routes*