Jordan Airspace Manual

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XM-AOC / XM-ADIR

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1.0 Introduction:

1.1 Airport Information:

Name	ICAO	Type Of Flights Permitted
Queen Alia International	OJAI	IFR/VFR
Amman Civil Airport	OJAM	IFR/VFR
Aqaba International	OJAQ	IFR/VFR

1.2 Adjoining FIRs:

Amman FIR is located in the centre between five FIRs as follows:

Adjoining form **NORTH**: **Damascus FIR**

Adjoining from **EAST**: **Baghdad FIR / Jeddah FIR**

Adjoining from **WEST**: **Cairo FIR / Tel Aviv FIR**

Adjoining from **SOUTH**: **Jeddah FIR**

1.3 ATC Units:

Station	Identifier	Frequency	Remarks
Amman Control	OJAC_CTR	128.500	Entire Amman FIR
Amman West	OJAC_W_CTR	132.425	West Sector
Amman East	OJAC_E_CTR	132.525	East Sector

2.0 Procedures:

2.1 Transition Altitude / Level:

- Transition altitude is always 13000 feet
- Transition Level (TL) is always FL150

2.2 Airspace Classification:

The following classes are available in Jordan:

a) Class A: Comprises all controlled airspace within Amman FIR above FL150.

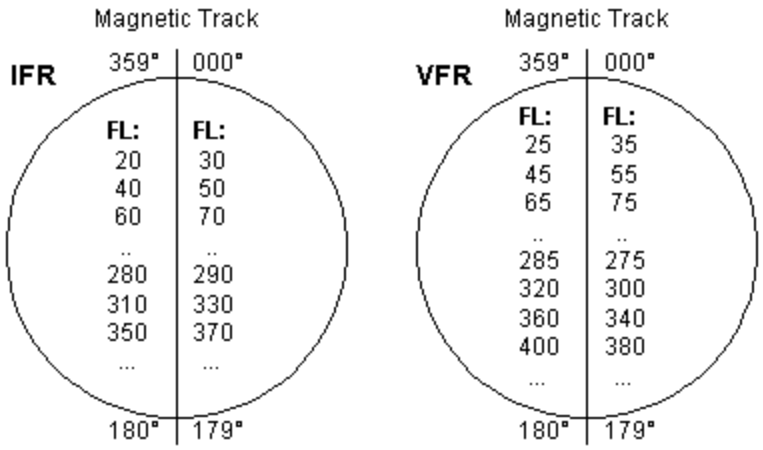
b) Class C: Comprises all controlled airspace within Amman FIR at FL150 or below.

c) Class G: Comprises the rest of Amman FIR.

Class	*Type of flight*	*Separation provided*	*Service provided*	*Speed limitation**	*Radio communication requirement*	*Subject to an ATC clearance*
A	IFR only	All aircraft	Air traffic control service	Not applicable	Continuous two-way	Yes
B	IFR	All aircraft	Air traffic control service	Not applicable	Continuous two-way	Yes
	VFR	All aircraft	Air traffic control service	Not applicable	Continuous two-way	Yes
C	IFR	IFR from IFR IFR from VFR	Air traffic control service	Not applicable	Continuous two-way	Yes
	VFR	VFR from IFR	1) Air traffic control service for separation from IFR; 2) VFR/VFR traffic information (and traffic avoidance advice on request)	250 kt IAS below 3 050 m (10 000 ft) AMSL	Continuous two-way	Yes
D	IFR	IFR from IFR	Air traffic control service, traffic information about VFR flights (and traffic avoidance advice on request)	250 kt IAS below 3 050 m (10 000 ft) AMSL	Continuous two-way	Yes
	VFR	Nil	IFR/VFR and VFR/VFR traffic information (and traffic avoidance advice on request)	250 kt IAS below 3 050 m (10 000 ft) AMSL	Continuous two-way	Yes
E	IFR	IFR from IFR	Air traffic control service and, as far as practical, traffic information about VFR flights	250 kt IAS below 3 050 m (10 000 ft) AMSL	Continuous two-way	Yes
	VFR	Nil	Traffic information as far as practical	250 kt IAS below 3 050 m (10 000 ft) AMSL	No	No
F	IFR	IFR from IFR as far as practical	Air traffic advisory service; flight information service	250 kt IAS below 3 050 m (10 000 ft) AMSL	Continuous two-way	No
	VFR	Nil	Flight information service	250 kt IAS below 3 050 m (10 000 ft) AMSL	No	No
G	IFR	Nil	Flight information service	250 kt IAS below 3 050 m (10 000 ft) AMSL	Continuous two-way	No
	VFR	Nil	Flight information service	250 kt IAS below 3 050 m (10 000 ft) AMSL	No	No

* When the height of the transition altitude is lower than 3 050 m (10 000 ft) AMSL, FL 100 should be used in lieu of 10 000 ft.

2.3 Semi-Circular Rule:



2.4 Area of Responsibility:

The area of responsibility for OJAC_CTR controller is the FIR of Jordan, from SFC to UNL.

In case of absence of APP/TWR/GND controllers clearances required will be given by OJAC_CTR.

2.5 Restricted and Danger Areas:

Identification	Upper/Lower Limit	Remarks
1	2	3
Prohibited Areas		
OJP1 Mafreq	UNL/GND	/
OJP9 H5	UNL/GND	/
OJP10	5000'AGL / GND	Safe ALT 9000' FT
OJP11	4000'AMSL / GND	Safe ALT 5000' FT
Danger Areas		
OJD2	5000'AGL / GND	ACT 24H MSA 8500 FT
OJD3	FL300 / GND	Air to Air Firing ACT 24H
OJD4	10000' AMSL / GND	Air to Air Firing Not ACTIVE
OJD5	10000' AMSL / GND	Air to Air Firing ACT 24H
OJD6	6000' AMSL / GND	Ground to Air Firing ACT 24H
OJD7	UNL / GND	All types of firing except Air to Air. ACT 24H
OJD8	10000' AGL / GND	Air to Ground Firing ACT 24H

2.6 Holding Procedure:

Holding Fix	Inbound	Turn Direction	Outbound	Minimum Hold Level	Maximum Hold Level
AMN VOR	R-241	LEFT	1 MIN	6000 FT	13000 FT
QAA VOR (LL)	R-077	RIGHT	1 MIN	6000 FT	FL180
QAA VOR (HL)	R-189	RIGHT	1 MIN	FL190	FL300
QTR VOR	R-081	RIGHT	1 MIN	9000 FT	FL180
MDB NDB	Bearing 077	RIGHT	1 MIN	6000 FT	11000 FT
BAKIR (AQB R042 7NM)	R042	LEFT	1 MIN	8000 FT	FL180

2.7 VFR Procedures:

*VFR flights shall be conducted:-

1. between sunrise and sunset.
2. at FL150 or below.

*Maximum circuit capacity is 4 fixed wings aircraft, and 3 helicopters

*Night VFR Flights within Amman/Marka and Aqaba/King Hussein International Airports may be authorized by ATC, provided that:

a) VFR minimum weather conditions exist in the aerodrome traffic circuit.

b) Only 3 ACFT are cleared for night flying in the circuit and 2 helicopters

Jordan criteria for VFR flights:

Altitude Band	Flight visibility	Distance from cloud
At and above 10000FT AMSL	8 KM	1500M horizontally 300M (1000FT) vertically
Below 10000FT AMSL and above 3000FT AMSL, or above 1000FT above terrain, whichever is the higher	5 KM	1500M horizontally 300M (1000FT) vertically
At and below 3000FT AMSL, or 1000FT above terrain, whichever is the higher	5 KM	1500M horizontally 300M (1000FT) vertically

2.8 Radio Communication Failure Procedure:

VFR traffic operating within Amman/Marka or Aqaba/King Hussein airports, experience radio communication failure, shall follow Radio Communication Procedure as follows:

a) Watch out for the other traffic.

b) Follow the last acknowledged ATC instruction.

c) Set SSR code 7600.

d) Pass over the runway, rock the aircraft wings in front of the tower, and circle again to land.

2.9 SSR codes:

Training flights (civil and military ACFT)	Internal code block used for IFR Domestic Flights	Arrival	Transit and Departure
2400-2477	1101-1177	0400-0477	0700-0777

2.10 Handoff:

2.10.1 between _CTR and _APP:

Amman Approach will handle TFC from SFC until reaching FL150. Amman CTR normally handle TFC from upper levels until FL150 where he will transfer control and communication to APP.

Early transfer is applicable in order to maintain continuous climb/descent.

2.10.2Between _CTR and Adjoining FIRs:

2.10.2.1 Outbound Traffic:

Traffic leaving Amman FIR will be transferred to the next sector when ***approaching*** the handoff points.

- Handoff points:
  Damascus FIR: ZELAF, NAMBO
  Baghdad FIR: PASIP
  Jeddah FIR: GIBET, DEESA, GRY, TRF
  Cairo FIR: ULINA
  Tel Aviv FIR*: TALMI/MUVIN

  *Transferred directly from OJAI_APP if online.

2.10.2.2 Inbound Traffic:

Traffic entering Amman FIR should be assumed ***approaching*** the handoff points

- Handoff points:
  Damascus FIR: ZELAF, NAMBO
  Baghdad FIR: PASIP
  Jeddah FIR: GIBET, DEESA, GRY, TRF, OVANO
  Cairo FIR: ULINA
  Tel Aviv FIR*: SALAM/RALNA

  *Transferred to OJAI_APP if online.

3.0 Letters of Agreement:

3.1 Amman FIR and Cairo FIR

Please check this document

3.2 Amman FIR and Jeddah FIR:

Please check this document

3.3 Amman FIR and Baghdad FIR:

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3.4 Amman FIR and Damascus FIR:

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3.5 Amman FIR and Tel Aviv FIR:

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