



Civil Aviation Regulatory Commission CARC

CIVIL/MILITARY COORDINATION



Jordan airspace descriptions

- The Total area of Jordan is 92.300 squared km.
- Three Civil Airports
- Six Military Airfields
- 12 Danger, Prohibited, and Restricted Areas
- Four Military Training Areas
- Two Civil Training Areas
- Eleven ATS Route

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- **Military Activities Within Amman FIR(Controlled Airspace)**
 - Parachute Dropping
 - Shooting Artillery
 - Air Show
 - Launching Air Balloons
 - Low Level Navigation
 - Rocket Launching
 - Escort Procedures
 - Ambulance Aircraft Operation , ABL A/C.
 - UAS, Unmanned Aircraft System.



CARC Strategy :

Maintain **The Optimum** and flexible **Utilization** of Jordanian airspace to satisfy the needs of **Airspace Users** and air navigation services providers.



Historical Background:

Civil/Military Coordination has been established officially in Jordan in 2006.

in early stages Civil/Military coordination usually takes place on request due to urgent changes, such as the implementation of RVSM within Amman FIR in 2000.

The committee commenced its meetings on regular basis since 2006.

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- Both sides military and civil authorities in Jordan have mutual understanding of the function of Civil/Military Coordination by supporting:
 1. **Safety**
 2. **Flexibility**
 3. **Efficiency and environment**
 4. **Capacity**
 5. **Security**

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- **Need for Civil/Military Coordination**

The demand for civil/military coordination has increased due to:

1. Traffic growth which requires airspace structure enhancement.
2. Full filling the different requirements of both sides .

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Airspace Management Cell

The day-to-day coordination:

Verbal coordination for all activities take place.

Approval request initiated.

Prior notification when NOTAM is required



Achievements after 2006

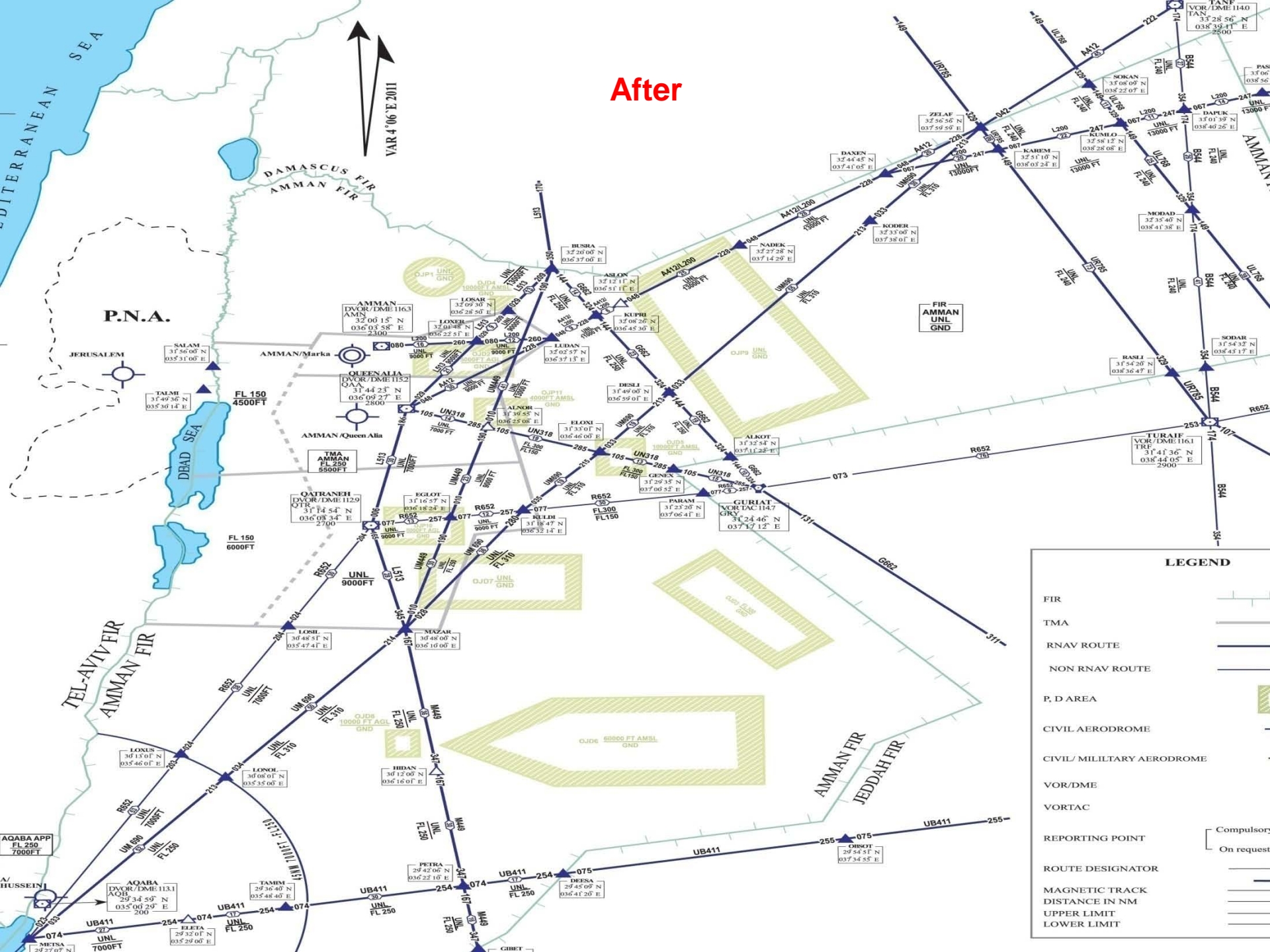
- **Dual use of military training areas .**
- Seven ATS routes have been established, and Two ATS routes have been re-aligned, caused Military to shutdown one of their training areas.
- TMA approach of QAIA airport has been additionally expanded up to 30nm.
- Dual use of military bases
- Upgrading Military aircraft systems to cope with civil requirements.

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Achievements CONTINUE



- Military participation in most of civil aviation activities
- **Both military and civil share air picture**



After

VAR 4°06' E 2011

LEGEND

FIR	[Symbol]
TMA	[Symbol]
RNAV ROUTE	[Symbol]
NON RNAV ROUTE	[Symbol]
P, D AREA	[Symbol]
CIVIL AERODROME	[Symbol]
CIVIL/ MILITARY AERODROME	[Symbol]
VOR/DME	[Symbol]
VORTAC	[Symbol]
REPORTING POINT	[Symbol]
ROUTE DESIGNATOR	[Symbol]
MAGNETIC TRACK	[Symbol]
DISTANCE IN NM	[Symbol]
UPPER LIMIT	[Symbol]
LOWER LIMIT	[Symbol]

[Symbol] Compulsory
 [Symbol] On request

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Culture change:

- Regular Meetings
- Military Participations of events related to ICAO MID office and CANSO.
- Awareness Campaign

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humanitarian missions have been delegated to the military:

- A. Ambulance Flights (ABL)
- B. Search and Rescue



**THANK YOU FOR YOUR
KIND ATTENTION**