



Aircraft Maintenance

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Military Airworthiness Authority



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Military Airworthiness Authority

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About the MAA

The MAA is an organization of the Safety, Environment, and Worthiness Executive Directorate of the UAE Ministry of Defense.

The **Military Airworthiness Authority (MAA)** was established in 2020, and its regulations were implemented to ensure that military aircrafts, including unmanned aircraft systems (UAS), are in a safe condition to fly.

The duties of the MAA include:

- Airworthiness regulations and procedure development.
- Product certification.
- Organisation certification.
- International representation and recognition agreements with others military and civil Authorities.
- Relations with military operators (Army, Air Force, Navy) and with the local Defence Industry.



Maintenance

Approved Maintenance Organisation (AMO) is the organization that is authorized by the MAA to perform maintenance on certified military aircraft.

Throughout the life of an aircraft, it will require multiple tasks to be preformed in order to operate safely and accomplish its assigned missions.

The tasks should be performed and revised by qualified technicians, using approved documents. Maintenance operations and planning should be accomplished by common and special tools within a safe environment.

Maintenance operations should be performed according to proper data control procedures.



If an organization complies by the UAEMAR and its requirements then it can be considered as an **Approved Maintenance Organisation (AMO)**.

01 What is Aircraft Maintenance?

Aircraft maintenance is the processes of inspecting, repairing and servicing aircrafts in order to ensure that they have reached an acceptable level of safe operation and such operations are regulated by the following documents:

- UAEMAR 145 (Requirements for Maintenance Organization)
- UAEMAR M (Continuing airworthiness Requirements)

There are several tasks that contribute to the airworthiness of an aircraft, such as:

- Modifications and repairs
- Rectification of defects
- Data Control
- Preventative maintenance
- Airworthiness Directives changes



03 Maintenance Training

02 Certification of Maintenance

After maintenance is carried out, the aircraft may be released back to service by **Certified Staff** holding a **Military Aircraft Maintenance License (MAML)**.

There are different licenses required depending on the type of maintenance:

- For aircraft **Line Maintenance** certification, a license Category B1 or B2 is required.
- For aircraft **Base Maintenance** certification, a license Category C is required.
- In case of components maintenance certification a **UAEMAR Form 1** will be issued.

Applying for a MAML will require both a specific basic and type training in an organization approved by the MAA which then could be considered as a Maintenance Training Organization (MTO).



05 Regulations

04 CAMO

Although performing maintenance tasks is a maintenance organization responsibility, the operating organization / command is accountable for the continuing airworthiness and shall be approved as **Continuing Airworthiness Management Organisation (CAMO)** or have suitable contract with an approved CAMO.

CAMOs are the organisations in charge of ensuring that the aircraft conforms to the approved design and in condition for safe operation. It's their responsibility to ensure that the aircraft is airworthy and shall present the AMP to be approved by the MAA. CAMOs are also responsible of establishing a contract with an AMO, in order to conduct maintenance tasks.

Regulation	Approval
UAEMAR 145	AMO
UAEMAR 66	MAML
UAEMAR 147	MTO
UAEMAR M	CAMO

<https://mod.gov.ae/regulations/>

To expand the information on aircraft maintenance regulations, the applicable requirements can be found above. These regulations are currently applicable to all new military aircrafts (Including UAS).