



UNITED ARAB EMIRATES
MINISTRY OF DEFENCE

UNITED ARAB EMIRATES MILITARY AIRWORTHINESS AUTHORITY

APPLICATION FOR TYPE CERTIFICATE / RESTRICTED TYPE CERTIFICATE

1. APPLICANT DETAILS AND CONTACT DATA

Name	
Organisation	
Address	
Country	
Telephone	
E-mail	
MDOA Reference	
Date of Application	
Applicant's Reference	
<i>For the shipping of original MAA documents, and in case is a different address, write it down:</i>	
Shipping Address	
Shipping Contact Person	

Refer to Appendix – Form Instructions.

2. IDENTIFICATION OF ACTIVITY

<input type="checkbox"/> Type Certificate	<input type="checkbox"/> Restricted Type Certificate
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3. PRODUCT IDENTIFICATION *(weight referred hereunder is MTOW)*

Onboard-Piloted Horizontal Take-Off and Landing (HTOL) Aircraft	Engines and Propellers
<input type="checkbox"/> > 150 000 kg	<input type="checkbox"/> Turbine engine with take-off thrust > 25 KN
<input type="checkbox"/> > 55 000 kg ≤ 150 000 kg	<input type="checkbox"/> Turbine engine with take-off power output > 2000 kW
<input type="checkbox"/> > 22 000 kg ≤ 55 000 kg	<input type="checkbox"/> Turbine engine with take-off thrust ≤ 25 KN
<input type="checkbox"/> > 5 700 kg ≤ 22 000 kg	<input type="checkbox"/> Turbine engine take-off power output ≤ 2 000 kW
<input type="checkbox"/> > 2 730 kg ≤ 5 700 kg High Performance Aircraft	<input type="checkbox"/> Non-Turbine Engine
<input type="checkbox"/> > 2 730 kg ≤ 5 700 kg	<input type="checkbox"/> CS-22.H, CS VLR App. B Engine
<input type="checkbox"/> > 1 200 kg ≤ 2 730 kg High Performance Aircraft	<input type="checkbox"/> Propeller for use on aircraft > 5 700 kg MTOW
<input type="checkbox"/> > 1 200 kg ≤ 2 730 kg	<input type="checkbox"/> Propeller for use on aircraft ≤ 5 700 kg MTOW
<input type="checkbox"/> ≤ 1 200 kg High Performance Aircraft	<input type="checkbox"/> CS-22J Class Propeller
<input type="checkbox"/> ≤ 1 200 kg	<input type="checkbox"/> Auxiliary Power Unit (APU)



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Onboard-Piloted Vertical Take-Off and Landing (VTOL) Aircraft	Other Onboard-Piloted Aircraft
<input type="checkbox"/> Large	<input type="checkbox"/> Large Airship
<input type="checkbox"/> Medium	<input type="checkbox"/> Medium Airship
<input type="checkbox"/> Small	<input type="checkbox"/> Small Airship
<input type="checkbox"/> Very Light	<input type="checkbox"/> Balloon

the product to be certified does not match any of the above criteria (please provide information in Block 5 Description Remarks).

Applicability

Designated Type Name

Designated Model Name(s)

Airworthiness Code

Product Category

<input type="checkbox"/> Large Transport Aeroplane	<input type="checkbox"/> Sailplane	<input type="checkbox"/> VTOL
<input type="checkbox"/> Regional Transport Aeroplane	<input type="checkbox"/> Powered Sailplane	<input type="checkbox"/> Engine
<input type="checkbox"/> Business Jet	<input type="checkbox"/> Balloon	<input type="checkbox"/> Propeller
<input type="checkbox"/> Small Aeroplane	<input type="checkbox"/> Airship	

The Aircraft is

Remotely controlled/unmanned Not Applicable

Refer to Appendix – Form Instructions.

4. ORIGINAL THIRD COUNTRY TYPE CERTIFICATE APPROVAL / PROJECT *(if applicable)*

Approval / Project Number

Issued on



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5. DESCRIPTION

Title	
Restriction (if applicable)	
Remarks	
TCDS (if applicable)	

Refer to Appendix – Form Instructions and complete ANNEX I.

6. UAEMAR 21 DEMONSTRATION OF ELIGIBILITY

I declare that this application is:

Within the current approved scope of work of the applicant's MDOA

Undertaken by another person than the applicant for, or holder of, a certificate (UAEMAR 21.A.2)

Name

MDOA Ref.

Following an application for Military Design Organisation Approval (MDOA, **Form 80**) or Alternative Procedures to MDOA (**Form 81**).

Application Date

Following an application for a change to the scope of work via **Form 81** or **Form 82**.

Application Date

Refer to Appendix – Form Instructions.

7. APPLICANT'S DECLARATION AND ACCEPTANCE OF THE GENERAL CONDITIONS

I declare that I have the legal capacity to submit this application to MAA and that all information provided in this application form is correct and complete.

I understand the costs involved in developing a Type Certificate / Restricted Type Certificate. Hence, I declare that the applicant has the financial capability to carry out the project described in this application.

Name

Date / Location

Signature



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ANNEX I – LIST OF TECHNICAL FIELDS

Select the technical field(s) affected by the TC or RTC application.

Title	Selected	Technical Field
Flight and Human Factors	<input type="checkbox"/>	Flight Test (for all the relevant CS Subparts)
	<input type="checkbox"/>	Handling Qualities
	<input type="checkbox"/>	Performance
	<input type="checkbox"/>	Human Factors
	<input type="checkbox"/>	Human Machine Interface and Cockpit Integration
	<input type="checkbox"/>	Flight Manual
Flight Crew Data	<input type="checkbox"/>	OSD Flight crew disciplines
Structures	<input type="checkbox"/>	Loads, Weight and Balance
	<input type="checkbox"/>	Static Strength
	<input type="checkbox"/>	Fatigue and damage tolerance
	<input type="checkbox"/>	Materials & Manufacturing
	<input type="checkbox"/>	Aero elasticity, Vibration and Buffeting
	<input type="checkbox"/>	Crashworthiness
	<input type="checkbox"/>	Decompression
Hydromechanical Systems	<input type="checkbox"/>	Impact conditions
	<input type="checkbox"/>	Flight Control System [ATA 270 on Aeroplane / ATA 670 on Rotorcraft]
	<input type="checkbox"/>	High Lift System [ATA 275]
	<input type="checkbox"/>	Hydraulics [ATA 290]
	<input type="checkbox"/>	Landing Gear Systems and Wheels, Tyres & Brakes [ATA 320]
	<input type="checkbox"/>	Fuselage Doors [ATA 520]
	<input type="checkbox"/>	Helicopter Hoist installation
<input type="checkbox"/>	RAT Mechanical systems	



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Title	Selected	Technical Field
Electrical	<input type="checkbox"/>	Electrical Generation / Distribution
	<input type="checkbox"/>	EMC
	<input type="checkbox"/>	HIRF and Lightning Indirect Effects
	<input type="checkbox"/>	Lightning Direct Effects
	<input type="checkbox"/>	EWIS
	<input type="checkbox"/>	Lights
	<input type="checkbox"/>	IFE / Power outlets (for passengers or crew)
	<input type="checkbox"/>	Wireless transmission capabilities (for passengers or crew).
Avionic Systems	<input type="checkbox"/>	Autoflight systems (Includes auto-pilot, auto-throttle, flight guidance, flight envelope, stability, etc.)
	<input type="checkbox"/>	Communications & Navigation & Surveillance (Includes air data systems, datalink, transponder, radio, environment surveillance systems (TCAS, TAWS, Weather Radar ...), etc.)
	<input type="checkbox"/>	Flight Management system
	<input type="checkbox"/>	Indicating, Alerting & Recording systems and Diagnostic and Maintenance systems (Includes display systems, instrument and control panel, recorders, vibration/vehicle monitoring system, general computers, central warning systems, maintenance systems, etc.)
	<input type="checkbox"/>	Integrated Modular Avionics
	<input type="checkbox"/>	Includes IMA resources, data buses
	<input type="checkbox"/>	Cybersecurity
Powerplant Installation and Fuel Systems	<input type="checkbox"/>	Engine, propeller and APU installation
	<input type="checkbox"/>	Fuel Systems
	<input type="checkbox"/>	Fuel Tank inerting
	<input type="checkbox"/>	ETOPS / EDTO
	<input type="checkbox"/>	Fire protection (unpressurised areas)
	<input type="checkbox"/>	Volcanic Ash
ECS	<input type="checkbox"/>	Air conditioning and pressurisation
	<input type="checkbox"/>	Ice protection
	<input type="checkbox"/>	Oxygen systems
	<input type="checkbox"/>	Bleed air
	<input type="checkbox"/>	Water and waste
Noise, Fuel Venting and Emissions	<input type="checkbox"/>	Noise
	<input type="checkbox"/>	Emissions
	<input type="checkbox"/>	Fuel venting



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Software and AEH	<input type="checkbox"/>	DA for SW/AEH
Cabin Safety	<input type="checkbox"/>	Cabin Installation (including Emergency Medical Systems, VIP interiors, Crew Rest Compartments, Courier Compartments, etc.)
	<input type="checkbox"/>	Flight Deck installation
	<input type="checkbox"/>	Cargo compartments (installation & restraint)
	<input type="checkbox"/>	Occupant crashworthiness/restraint
	<input type="checkbox"/>	Fire Protection - pressurised areas (active and passive)
	<input type="checkbox"/>	Occupant evacuation
	<input type="checkbox"/>	Internal and External placards and markings.
	<input type="checkbox"/>	Rotorcraft Human External Cargo Restraint
	<input type="checkbox"/>	Security aspects
DASA	<input type="checkbox"/>	Development Assurance and Safety Assessment
Transmission	<input type="checkbox"/>	Rotorcraft transmission
ICA	<input type="checkbox"/>	Instructions for Continued Airworthiness
	<input type="checkbox"/>	Maintenance Review Board (MRB) process
MMEL	<input type="checkbox"/>	OSD MMEL disciplines
FSTD	<input type="checkbox"/>	OSD Sim disciplines
Cabin Crew Data	<input type="checkbox"/>	OSD Cabin crew disciplines
Maintenance Certifying Staff Data	<input type="checkbox"/>	OSD Maintenance Certifying Staff Disciplines
Propulsion	<input type="checkbox"/>	Engine certification
	<input type="checkbox"/>	APU qualification
	<input type="checkbox"/>	Propeller qualification
	<input type="checkbox"/>	Electrical propulsion



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APPENDIX – FORM INSTRUCTIONS

These instructions are designed to assist with completing the UAEMAR Form 30 for Application for Type Certificate / Restricted Type Certificate. Carefully read this document and any relevant Acceptable Means of Compliance or Guidance Material. Applicants shall complete and sign the application form and submit to the MAA using the email address given below.

Section 1. APPLICANT DETAILS AND CONTACT DATA.

Fill the requested information in order to identify the applicant properly.

First time applicants need to submit a copy of the company's business registration or similar legal document stating name and seat of the company together with the application. In case the applicant is not a company but a natural person, a copy of the person's ID or passport needs to be provided in a separate document with the first application.

Section 3. PRODUCT IDENTIFICATION.

The weight category shall refer to the maximum take-off weight (MTOW) of the aircraft type/model as specified in the Type Certificate Data Sheet. Refer to Section 5 for TCDS reference.

The MTOW of the initial Type Certificate and subsequently of the majority (more than 50%) of the related models covered by this Type Certificate determines the MTOW category.

High Performance Aircraft (HPA) in the weight category up to 5 700 kg are those aeroplanes that have an Mmo greater than 0.6 and/or a maximum operating altitude above 25 000 ft. They shall be charged one category above the category determined by the MTOW, but not exceeding the category 'over 5 700kg up to 22 000 kg'.

'VTOL' refers to rotorcraft or any other heavier-than-air aircraft that has the capability of vertical take-off and/or vertical landing.

'HTOL' refers to any heavier-than-air aircraft that is not a 'VTOL'.

'VTOL Large Aircraft' refers to CS-29 and CS-27 CAT A aircraft.

'VTOL Small Aircraft' refers to CS-27 aircraft with MTOW below 3 175 kg and limited to 4 seats including pilot.

'VTOL Medium Aircraft' refers to other CS-27 aircraft.

'Small Airships' refers to:

- All Hot-Air Airships independent of their size.
- Gas Airships up to a volume of 2 000 m³.

'Medium airships' refers to Gas Airships with a volume of more than 2 000 m³ up to 15 000 m³.

'Large Airships' refer to Gas Airships with a volume of more than 15 000 m³.

Section 5. DESCRIPTION

Provide the proper description of the product for which the applicant is seeking for TC / RTC approval. List in detail the existing restrictions the product might have (if any) and write down any remark to be considered important in relation to the TC / RTC application process.



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Section 6. UAEMAR 21 DEMONSTRATION OF ELIGIBILITY

Tick the corresponding eligibility box and fill the required details.

WITHDRAWAL OF APPLICATION

An application can be withdrawn in writing at any time.

FORM SUBMISSION

Submit the electronic form to the MAA at UAEMAA@mod.gov.ae

If there is insufficient space in any of the sections, please attach additional information to this form.

PRIVACY POLICY

MAA requires the provision of information as listed in this form. All such information received will be treated as Confidential and will not be disclosed to any third parties unless that disclosure is required or authorised by law. MAA will safeguard personal information, however, please be aware that MAA policy is to publish organisation approvals on its website.