

MILITARY AIRWORTHINESS AUTHORITY

UNITED ARAB EMIRATES MILITARY AIRWORTHINESS DOCUMENT

UAEMAR 21G MILITARY PRODUCTION ORGANISATION EXPOSITION

EXPOSITION TEMPLATE

Edition Number	1.1
Edition Date	22 January 2024
Status	Approved

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DOCUMENT CONTROL

DOCUMENT APPROVAL

The following table identifies the persons who have prepared and approved this document.

Edition Number		Authorised by	Date
1.0	Prepared by	United Arab Emirates Military Airworthiness Authority	03 January 2021
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DOCUMENT CHANGE RECORD

Edition Number	Edition Date	Status	Reason for change	Sections or pages affected
1.0	03 January 2021	Approved	Initial issue (Based on UAEMAR 21 Ed. 1.0 dated 27 October 2020)	All
1.1	22 January 2024	Approved	 Modified logo Addition of SMS section (Based on UAEMAR Basic Regulation Ed. 3.0 dated 08 November 2022) 	All

<u>STATUS</u>

The Status of the document can take two values:

Draft: Draft version by the United Arab Emirates Military Airworthiness Authority.

Approved: Approval by the Director of United Arab Emirates Military Airworthiness Authority.

EDITION

Edition numbering will have the following format: Edition X.Y

The value of **X** will change after a **major** modification of the document.

The value of **Y** will change after a **minor** modification of the document.

<u>NOTE</u>

1. All changes are indicated by the use of a 'sidebar' in the margin. This can be readily cross-referenced using the table at the end of the document which details each change.

EXPLANATORY STATEMENT

This document is based on the requirements of UAEMAR 21.A.143(a) and is intended to assist applicants in applying for MPOA and therefore demonstrating the required production organisation capability.

The document addresses the requirements and guidance under specific headings for a MPOA's exposition. The MAA requires that MPOAs retain the default paragraph numbering and headings, as detailed in the example in this document and expanded as necessary, for the purpose of alignment with Appendix F – UAEMAR 21 Requirements Cross-Reference Matrix paragraph referencing. Those headings deemed not applicable by the organisation should be identified as such in the MPOE section, with a qualifying statement of why the requirement is Not Applicable (N/A) to the MPOA and the corresponding check-box within Appendix F shall be marked as N/A. All blank checkboxes within the cross-reference matrix will be interpreted as Non-Compliance's.

The content of the exposition has been arranged into parts, sections and subsections. The aim is to collate all the processes and procedures related to a subject under the relevant section in the exposition, irrespective of the location of the regulatory requirement in UAEMAR 21.

The text provided under each section or subsection of the sample exposition provides guidance on the nature of contents to be included. The sections and subsections should be further expanded according to the complexity of the processes and procedures of the MPOA.

Where the content of the exposition requires processes and procedures to be provided, these may be included in other documents provided they are referenced in the exposition and listed in an appendix at the end of this template. However, in that case, the referenced documents form part of the exposition and are subject to the same requirements and controls as the exposition. Processes and procedures included or referred to in the exposition should be of adequate depth and include sufficient details to demonstrate they establish compliance with the applicable requirements of UAEMAR 21.

Duties and responsibilities of individuals as mentioned in the exposition should relate to the obligation of the organisation or the individual under UAEMAR 21, and are not meant to cover employment conditions, performance criteria or administrative functions. Where content of the exposition requires identifying the individual responsible for an action or a decision that is part of a process, it is intended that the individual will be identified by their position title (such as 'Quality Manager') or if applicable, by means that describes their function (such as 'Safety Manager' or 'Data Entry Clerk').

Where content detailed in the exposition deals with records to be created or kept by the organisation, the relevant procedures in the exposition should take into account the following:

- legibility of the record;
- retrieval of records;
- retention period; and
- protection of the records from loss, damage or accidental alteration.

The MAA recommends worksheets, checklists, forms, lists of items and personnel etc. required under the exposition, or associated with the processes or procedures required by the exposition, should be included as appendices at the end of the exposition.

UAEMAR 21G - MILITARY PRODUCTION ORGANISATION EXPOSITION

[Insert Organisation Logo here]

[ORGANISATION]

UAEMAR 21G MILITARY PRODUCTION ORGANISATION EXPOSITION

This exposition has been developed to meet the United Arab Emirates Military Airworthiness Regulation (UAEMAR) 21G Military Production Organisation Exposition (MPOE) requirements.

MPOE reference number
[xxxx.xxxx]

Address of Incorporated Organisation

Address 1

Address 2

Address 3

Telephone: xxx xxxxxxxxx Facsimile: xxx xxxxxxxxx Email: xxxx@xxxx.xx

Name / Position:

Signature:

Date:

Copy Number: x of xx

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Amendment Record

1

This section should set out the amendment record of the exposition. The amendment record may be in the following form.

Edition No.	Amendment Details	Date

Distribution List

This section should include a distribution list to ensure proper distribution of the exposition and to demonstrate to the MAA that all employees involved in design have access to the relevant information. This does not mean that all employees have to be in receipt of a complete exposition but that a reasonable number of copies are distributed within the organisation so that employees may have quick and easy access to this exposition.

Alternately, if the manual is available electronically this section should set out how the electronic version is available throughout the organisation and to individuals outside the organisation.

[TEXT HERE]

EXAMPLE

All employees have direct access to the current issue of the exposition, including the referenced documents, on the [company name's] [database/intranet]. The staff are automatically informed via e-mail each time a new issue or revision is released.

The MAA will be supplied with all issues and revision of the MPOE, including all referenced procedures, via e-mail as pdf-file.

Copy No	Holder

PART 1 – ORGANISATION

1.1 Corporate Commitment by the Accountable Manager

21.A.143(a)1

This section should provide a short explanation of the purpose of the document for the guidance of the Organisation's own personnel, and should give a statement by the Chief Executive Officer declaring this manual as the basic working document, which has to be followed by all personnel (including production suppliers, if applicable).

EXAMPLE

This exposition and associated documents define the organisation and procedures upon which the UAEMAR Part 21 Subpart G approval of [Organisation name] Military Production Organisation is based as defined in UAEMAR Basic Regulation including all applicable amendments. All documents referenced in this exposition are considered as part of the exposition. The exposition is approved by the undersigned.

The undersigned ensure that:

- This exposition, including the referenced documents, are maintained in conformity with the Production Assurance System and is used as the working document within the [Organisation name] Military Production Organisation.
- All personnel including suppliers are to be aware of the processes described in this MPOE and associated documents and will comply with the requirements of this exposition.
- [Organisation name] Production Organisation has sufficient staff in numbers, competence and experience with the appropriate authority to be able to discharge their allocated responsibilities.
- [Organisation name] Production Organisation's accommodation, facilities and equipment are adequate to comply with UAEMAR 21.
- It is accepted that the procedures included or referred to in this exposition do not override the necessity of complying with any new or amended regulations published by the MAA from time to time where these new or amended regulations are in conflict with these procedures.
- It is accepted that the MAA may investigate and review any report.
- It is understood that the MAA will approve this organisation whilst the MAA is satisfied that these procedures are being followed and work standards maintained; and
- It is further understood that the MAA reserves the right to restrict, suspend, revoke or cancel the UAEMAR 21 Subpart G approval of the organisation if the MAA has evidence that the procedures are not followed, and the standards are not upheld.

Signed by: Chief Executive Officer

[Name]

[Date]

<u>NOTE:</u> Whenever the Chief Executive Officer (Accountable Manager) is changed, it is important that the new Accountable Manager reviews and signs the statement at the earliest opportunity as part of his/her acceptance by the MAA.

1.2 Responsible Person(s) for Administration of MPOE

21.A.143(b)

The official title and contact details of the person responsible for the administration of the exposition must be stated. The nominated person is responsible for ensuring that the exposition is distributed, controlled, amended and approved, or reissued as necessary.

[TEXT HERE]

1.3 Production Assurance System Changes and MPOE Amendment Procedure

21.A.143(a)10, 143(b)

This section should describe which changes to the production assurance system have to be endorsed by the MAA and which can be approved by the Production Organisation (PO). The procedure should also address the internal approval process:

- a. Who will approve changes to the MPOE?
- b. How will this approval be formalised? (e.g. signature on the master copy).
- c. How will the issue number identify a significant change endorsed by the MAA and a nonsignificant change approved by the Production Organisation?

[TEXT HERE]

1.3.1 Classification of Changes to the Production Assurance System

21.A.143(a)9, 147, 148, 149, 153, UAEMAR Form 51

All changes to the production assurance system that are significant to the demonstration of compliance or to the airworthiness and environmental protection of the product shall be approved by the MAA.

Significant changes to the Design Assurance System are:

- 1. Organisation
 - a. Changes to the organisational structure especially those parts of the organisation in charge of quality.
 - b. Changes in the production or quality systems that may have an important impact on the conformity/airworthiness of each product, part or appliance.
 - c. Significant changes to production capacity or methods.
 - d. Change relating to significant suppliers/subcontractors.

[TEXT HERE]

- 2. Responsibilities
 - a. A change of the Accountable Manager or of any other person nominated under UAEMAR 21.A.145(c)(2).

3. Procedures

a. Changes in the production or quality systems that may have an important impact on the conformity/airworthiness of each product, part or appliance.

[TEXT HERE]

- 4. Resources
 - a. Substantial change in the number and/or experience of staff.

[TEXT HERE]

5. Scope / Privileges (Terms of Approval)

Change of:

- a. the scope of approval
- b. the categories of products
- c. the list of products
- d. the privileges

1.3.2 MPOE Amendment Procedure

The MPOE is controlled by "Issue No." which is placed on the footer on each page. Text parts of this MPOE affected by the last issue will be marked by a vertical bar on the outboard side of the text.

All file of all changes to this MPOE including the referenced documents are stored in the [company name] electronic document storage, retrieval and archiving system, which is accessible for all [company name] staff.

Approval of the new issue:

- Significant change to Production Assurance System (PAS)
 The procedures/handbook describing and introducing the significant change will be approved by
 [function and/or name] after the significant change is approved by the MAA.
- 2. Non-significant change to PAS

The new issue of the MPOE will be approved by signature of [function and/or name] on the front page of this MPOE.

1.4 Description of Production Organisation

This section should give brief general information about the organisation's structure, staff numbers, premises, and history. The scope of the organisation undertakings, at the addresses of the various premises, should be described. Where appropriate, relationships with other organisations forming part of the same group should be mentioned. [TEXT HERE]

1.4.1 Company History

Brief general information concerning the history and development of the organisation and, if appropriate, relationships with other organisations which may form part of a group or consortium, should be included to provide background information for the MAA.

[TEXT HERE]

1.4.2 Production Organisation Facilities

21.A.143(a)7

This section should detail the Production Organisation location(s) and describe in detail each facility included in the scope of the POA (in the production organisation's certificate of approval):

- a. Buildings (e.g. Floor plan(s) of receiving area, quarantine, stores, workshops, treatment areas, calibration facilities, clean room specifications, inspection facilities, test facilities, description of available utilities such as 3 phase electrical, compressed air, extraction, waste collection, inspection facilities, etc.)
- b. Manufacture (e.g.: Description of available machinery and equipment together with capability of each machine (size of material capable of processing and tolerances capable of achieving), software used for computer aided manufacture, special processes (e.g. heat treatment, surface treatment, welding, metal spray, peening, etc.)
- c. Inspection (description of available inspection equipment and capability, what kind of inspections can be performed including Non-destructive testing/inspection, calibration, etc.)

[TEXT HERE]

1.4.3 Supplier/Subcontractors List

21.A.143(a)12

This section shall include the main suppliers list plus the reference to the full suppliers list if the list is too big. A change of such a main subcontractor may be treated as a significant change (21.A.147 (a)). This list can also be added to the MPOE as an appendix.

[TEXT HERE]

1.5 Scope of Work

21.A.143(a)8, 151

a. The general scope of work relevant to the terms of approval shall be described here. Additionally, it should refer to the full list of Part Numbers produced under the production approval, the capability list or to the database that gives the list.

- b. For the products, it should refer to the type certificate number.
- c. In case of various Design Organisation/Production Organisation arrangements, a list of all Design Organisation/Production Organisation arrangements shall be included.

[TEXT HERE]

1.5.1 Products

Class		Type(s)
Aeroplanes		
Helicopters		
Remotely Piloted Air System (RPAS)		
Engines	Turbine	
	Piston	
Auxiliary Power Units		

1.5.2 Appliances

[TEXT HERE]

Group	System ¹	Applicable
Air Conditioning/Pressurisation	21. Environmental Control	
Automatic Flight	22. Auto Flight	
	23. Communications	
Communications/Navigation	34. Navigation	
	43. Tactical Communication	
Doors, Hatches	52. Doors	
	24. Electrical Power	
Electrical Power	33. Lights	
	91. Wiring	
	25. Equipment and Furnishing	
Equipmont	38. Water and Waste	
Equipment	45. Central Maintenance System	
	50. Cargo and Accessory Compartment	
	49. Airborne Auxiliary Power	
	71. Power Plant	
	72. Engine	
	72. Engine Turbine/Turboprop	
	72. Engine Reciprocating	
	73. Engine Fuel and Control	
	74. Ignition	
	75. Air	
Engine, Auxiliary Power Unit	76. Engine Controls	
	77. Engine Indicating	
	78. Exhaust	
	79. Oil	
	80. Starting	
	81. Turbines	
	82. Water Injection	
	83. Accessory Gearboxes	
	86. Lift System	

¹ Refer to S1000D Section 8.2.5

1

Group	System ¹	Applicable
Flight Controls	27. Flight Controls	
Fuel Ainfrome	28. Fuel	
Fuel, Airframe	48. In-Flight Refuelling	
	62. Main Rotors	
Helicoptor Dotoro	63. Tail Rotors	
Helicopter, Rotors	66. Folding Blades	
	67. Rotors, Flight Control	
Heliessten Tresenissiens	63. Main Rotor drive	
Helicopter, Transmissions	65. Tail rotor drive	
Hydraulic	29. Hydraulic Power	
In atrum anta	31. Indicating/Recording Systems	
Instruments	46. Systems Integration and Display	
	32. Landing Gear	
Landing Gear/Recovery	90. Recovery	
	35. Oxygen	
Oxygen/Nitrogen	47. Liquid Nitrogen	
Propellers	61. Propeller/Rotor	
	36. Pneumatic	
Pneumatic	37. Vacuum	
Protection, ice/rain/fire	26. Fire Protection	
	30. Ice and Rain Protection	
Windows & Canopies	56. Windows/Canopies	
	53. Fuselage	
Structural	54. Nacelles/Pylons	
	57. Wings	
Water Ballast	41. Water ballast	
Propulsion Augmentation	84. Propulsion Augmentation	
	39. Attack System	
Attack Systems	40. Operation Attack	
	42. Cross Technical Attack	
	92. Radar	
Radar/Surveillance	93. Surveillance	
Weapons Systems	94. Weapons System	

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Group	System ¹	Applicable
Crew Escape	95. Crew Escape and Safety	
Missiles/Drones/Telemetry	96. Missiles/Drones/Telemetry	
Reconnaissance	97. Image Recording	
	98. Metrological and Atmospheric Research	
Electronic Warfare	99. Electronic Warfare	
Weapons		

1.5.3 Technologies

[TEXT HERE]

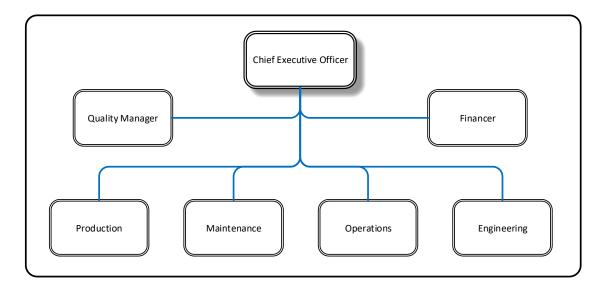
Structures - Metallic	Mechanical Systems	
Structures – Non-Metallic	Avionics Systems	
Engine - Piston	Weapons Systems	
Engine - Turbine	Software	

1.6 Organisational Structure

21.A.143(a)4, 145

This section should contain a diagram showing how the Production Organisation fits into the larger organisational structure. It should also show the chain of responsibility from the Chief Executive to nominated production staff.

The following chart provides an example of the overall structure of an Organisation and shows where the Production Organisation fits within the organisational structure.

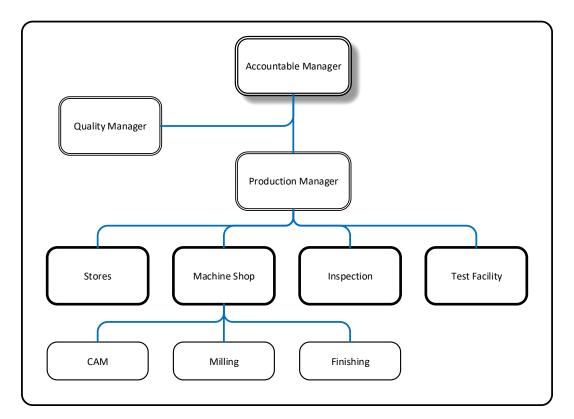


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The chart below shows further details on the Production Organisation structure. This chart may be combined with the one above or subdivided as necessary depending on the size and the complexity of the organisation.

The structure depicted below the Production Manager in the chart is an example only.

It is up to the organisation to determine the most appropriate structure; including nomination of responsible managers to cover all the production activities the applicant is seeking approval to provide.



1.7 Human Resources

21.A.145

This section should include a description of the human resources available and give details about their responsibilities and qualification criteria. From the description in this section it should become apparent that sufficient production quality inspectors available.

Also, the company's training policy should be defined (i.e. general framework for training plans, defining e.g. the fields of training such as "regulations", "technical training", "procedures training" etc. and its recurrences) for each affected group of staff.

[TEXT HERE]

1.7.1 Accountable Manager

21.A.143(a)2, 145(c)1

This section should provide the name and position of the person whom the Production Organisation has nominated as the Accountable Manager and who is responsible and has corporate authority for ensuring that all production work is carried out to the required standard.

<u>NOTE:</u>

This function may be carried out by the Chief Executive or by another person in the organisation, nominated by the Chief Executive to fulfil the function provided his or her position and authority in the organisation permits to discharge the attached responsibilities. In this case, reference must be made in this section to the Nomination Letter.

[TEXT HERE]

1.8 Management Staff

21.A.145(c), 143(a)

This section should list the title and names of all the nominated persons with each of the UAEMAR Form 4 holders being identified.

Management staff comprises following functions:

- a. Chief Executive (Accountable Manager)
- b. Production Manager
- c. Quality Manager
- d. NDT Level III
- e. Other nominated manager(s) as required

[TEXT HERE]

This section should describe each manager's tasks and responsibilities and define the qualification criteria the Organisation has set up to make sure management staff are competent to fulfil their respective obligations.

1.8.1 Chief Executive

Tasks and Responsibilities

EXAMPLE

The Chief Executive (Accountable Manager) has the following accountabilities, tasks and responsibilities:

- a. Establishing a clear business strategy that defines the direction the company will take in order to satisfy its different stakeholders, supported by a five-year plan that is re-assessed annually.
- b. Ensuring that all necessary resources are available for accomplishing the design, production and maintenance functions of the company; supported by an annual budget.
- c. Communicating key objectives to all employees for the achievement of strategies and budgets.
- d. Ensuring that approvals are maintained in accordance with regulatory requirements.
- e. Ensuring products are manufactured within the scope of the company approval covered by UAEMAR 21 Section A Subpart G and meet both the business and customer expectation in terms of quality, cost and delivery.
- f. Ensuring the manufacturing process is capable of producing products that meet all the specified design criteria.

g. [TEXT HERE]

Qualification and Training

EXAMPLE

- a. General knowledge of the relevant UAEMAR 21 requirements and company procedures is expected;
- b. Management skills.
- c. [TEXT HERE]
- d. [TEXT HERE]

1.8.2 Quality Manager

Tasks and Responsibilities

EXAMPLE

The Quality Manager reports directly to the Accountable Manager and has the following tasks and responsibilities:

- a. Ensuring that the company gains, maintains and complies with the appropriate regulatory and customer quality requirements and providing an independent quality management audit of compliance.
- b. Ensuring that the MPOE is prepared and updated as required in UAEMAR 21.A.143.
- c. Establishing and maintaining a documented Quality System to enable the organisation to ensure that each product, part or appliance provided by the organisation conforms to the applicable design data and is in condition for safe operation.
- d. Managing the internal quality audit function to monitor compliance with, and adequacy the documented procedures of the quality system.
- e. Providing a feedback system to the Management Team to ensure corrective action is taken.
- f. Acting as the final arbiter on issues of product quality and qualification acceptance testing.
- g. Coordinating activities which affect airworthiness and act as the primary liaison with the regulatory airworthiness authorities.
- h. Issuing and controlling authorisations for certifying staff.

i. [TEXT HERE]

Qualification and Training

EXAMPLE

- Thorough knowledge of the relevant UAEMAR 21 requirements and company procedures is expected;
- b. Thorough knowledge of this exposition;
- c. Thorough knowledge of the "Independent Monitoring Procedure";
- d. Experience in auditing (for the case he is auditing himself).
- e. Management skills.
- f. [TEXT HERE]

1.8.3 Production Manager

Tasks and Responsibilities

EXAMPLE

The Production Manager reports directly to the Accountable Manager and has the following tasks and responsibilities:

- a. Ensuring products are manufactured within the scope of the company approval covered by UAEMAR Part 21 Subpart G and meet both the business and customer expectation in terms of quality, cost and delivery
- b. Ensuring that product is repaired within the scope of company approvals
- c. the administration of the purchasing, production, stores and dispatch facilities.
- d. [TEXT HERE]

Qualification and Training

- a. Knowledge of related UAEMAR 21 requirements;
- b. Knowledge of this exposition including the related procedures;
- c. Management skills.
- d. [TEXT HERE]

1.8.4 Certifying Personnel

21.A.143(a)5, 145(d)

This Section should contain a list of authorised signatories or makes reference to a document that contains the list (or reference to an Appendix containing this information).

The authorised signatory list should identify all signatories with the documents the respective personnel are authorised to sign, giving their names, positions in the company. This list should include signatories for:

- a. Release to service
- b. Completion of manufacturing stages
- c. Inspection operations
- d. NDT operations
- e. Special process operations
- f. Disposition of non-conforming product

1.9 Authorised Signatories

This Section should contain a list of authorised signatories or makes reference to a document that contains the list. The authorised signatory list should identify all signatories with the documents the respective personnel are authorised to sign, giving their names, positions in the company. This list should include signatories for:

EXAMPLE

- a. Verify conformance;
- b. Issue information or instructions;
- c. Etc...

The table shown below is an example only. It can be organised in another way.

Authorisations								
Name	Signature	Function	Prepare	Check/Approve				
[Person 1]		AM		7, 8, 9, 10, 11				
[Person 1]		РМ	1, 2, 3, 5, 7	1, 2				
[Person 2]		QM	11					
[Person 1]								
[Person 2]		Certifying staff	1, 2, 3, 5, 9, 10	6				
[Person 3]								

List of documents / templates:

1	Application and Classification	5	Compliance Document	9	Service Bulletins
2	Certification Programme	6	Form 1 – Authorised Release Certificate	10	Concessions
3	Test Plan	7	Minor Change Approval	11	Audit Plan
4	Statement of Conformity	8	Repair Approval		

EXAMPLE

Certifying staff (authorised Quality signatories) are appointed based on relevant education, training and experience. Initial training is given in regulatory requirements, company procedures and understanding of products and processes. Continuation training for certifying staff consists of update and refresher training. Update training is given whenever regulatory requirements change, company procedures are updated, and new products or technologies are introduced. Certifying staff are listed in [Form number]. Certifying staff are issued with evidence of their scope of approval.

1.10 General Description of the Manpower Resources

21.A.143(a)6

This section should include a description of the manpower available and give details about their responsibilities and qualification criteria. From the description in this section it should become apparent that sufficient production personnel are available.

Also, the company's training policy should be defined (i.e. general framework for training plans, defining e.g. the fields of training such as "regulations", "technical training", "procedures training" etc. and its recurrences) for each affected group of staff.

EXAMPLE

Adequate resources of suitably qualified staff are provided for Production, see table below. Manpower levels are managed through an annual budget process. Department managers are responsible for planning resource requirements for the performing, supervising and inspecting of work and for managing short-term variations in requirement. Significant changes to manpower resources (>10%) will be notified to the MAA.

	No of Staff
Indirect Office Staff	123
Direct Production Staff	82
Total	205

1.11 Flight Test Activities

21.A.143(a)(13)

If flight tests are to be conducted, the production organisation shall furnish a flight test operations manual defining the organisation's policies and procedures in relation to flight tests.

The Flight Test Operations Manual should cover the following topics:

[TEXT HERE]

1.11.1 Production Flight Test Objectives

This section should detail the minimum flight test requirements to be included in the Production Flight Test Program.

[TEXT HERE]

1.11.2 Production Flight Test Preparation and Procedures

This section should address the following headings:

- a. Procedures Manual
- b. Flight Test Organisation and Personnel
- c. Special Flight Permit
- d. Procedures and Flight Test Techniques
- e. Production Flight Test Checklist
- f. MAA Approvals

1.11.3 Flight Test Safety

This section should address the following headings:

- 1. Resources
 - a. Procedure Manual
 - b. Flight test personnel
 - c. Qualifications, Experience, Currency and Training
 - d. Instrumentation
 - e. Safety Equipment
 - f. Facilities and Ground Support

[TEXT HERE]

- 2. Flight Test Planning and Preparation
 - a. Test from Inside Out
 - b. Test Plan Contents
 - c. Preparation

[TEXT HERE]

- 3. Hazard Analysis/Risk Management
 - a. General Flight Test Hazard Analysis/Risk Management References
 - b. Flight Test Hazard Analysis/Risk Management Procedures
 - c. Experimental Certificates Risk Assessment

[TEXT HERE]

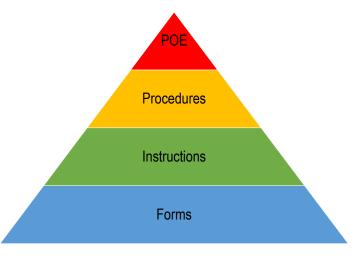
- 4. Flight Test Operations
 - a. Weight and Balance
 - b. Briefings
 - c. Plan the Test, Fly the Plan
 - d. Crew Resource Management
 - e. Chase Aircraft
 - f. Altitude
 - g. Basic Airmanship
 - h. Perceived Pressures

PART 2 – QUALITY SYSTEM

2.1 Description of the Quality System

21.A.143(a)11

This section presents the structure of the documentation (pyramid) describing the organisation's Quality System. [TEXT HERE]



2.2 Distribution of Documention

21.A.139(a), 165(b)

- a. This section should describe how the quality system is to be documented in such a way that the documentation can be made easily available to personnel who need to use the material for performing their normal duties.
- b. In particular, this section should address:
 - How the distribution of relevant procedures to offices/persons is controlled.
 - How obsolete quality system documentation is identified and removed from the workplace to avoid inadvertent use.

[TEXT HERE]

2.3 Document Issue, Approval or Change

21.A.139(b)1(i)

2.3.1 Document Issue

This section covers the creation of documents including:

- a. who is responsible for raising the documentation?
- b. who the user of the documentation is?
- c. document numbering format
- d. document structure
- e. etc.

[TEXT HERE]

2.3.2 Document Approval

This section covers the creation of documents including:

- a. how the documentation is approved.
- b. who is responsible for approving documentation.

[TEXT HERE]

2.3.3 Document Change

This section covers how the changes are:

- a. identified as being required.
- b. made to documentation.
- c. approved.
- d. highlighted in the documentation.

[TEXT HERE]

2.4 Vendor and Subcontractor Assessment Audit and Control

21.A.139(b)1(ii), 157

This section should provide procedures defining the process for the assessment and surveillance of suppliers.

The procedures should include:

- a. qualification and auditing of supplier's quality system.
- b. evaluation of supplier capability in performing all manufacturing activities, inspections and tests necessary to establish conformity of parts or appliances to type design.
- c. first article inspection, including destruction if necessary, to verify that the article conforms to the applicable data for new production line or new supplier.
- d. incoming inspections and tests of supplied parts or appliances that can be satisfactorily inspected on receipt.
- e. identification of incoming documentation and data relevant to the showing of conformity to be included in the certification documents.
- f. a vendor rating system which gives confidence in the performance and reliability of this supplier.
- g. any additional work, tests or inspection which may be needed for parts or appliances which are to be delivered as spare parts and which are not subjected to the checks normally provided by subsequent production or inspection stages.

Where applicable, it should define the conditions and criteria for the use of Other Parties (OP) to perform supplier assessment and surveillance – refer to UAEMAR AMC 1 and 2 to 21.A.139(b)(ii).

NOTE:

The use of Other Parties (OP), such as a consulting firm or quality assurance company, for supplier assessment and surveillance does not exempt the MPOA holder from its obligations under UAEMAR 21.A.165.

2.5 Verification of Incoming Product

21.A.139(b)1(iii)

This section should provide procedures for the verification that incoming products, parts, materials, and equipment, including items supplied new or used by buyers of products, are as specified in the applicable design data.

The procedures should include:

- a. Component/Standard Part/Material acceptance procedures (sources, conformity, eligibility acceptability to company requirements, records)
- b. Incoming inspection (required documentation, compliance with order, condition, "Quarantine" procedure)
- c. Procedures for dealing with suspected unapproved parts.

[TEXT HERE]

2.6 Identification and Traceability

21.A.139(b)1(iv), Subpart Q

This section should provide procedures to ensure all products are correctly identified and traceable back to its origin.

The procedures should include:

- a. Received product is traceable to the Purchase Order
- b. Allocation of a receiving transaction number for all materials and parts received
- c. Maintaining product identification and status throughout the production cycle.
- d. On the product itself
- e. On the associated production documentation
- f. Traceability of the test and certification documentation to the product.

2.7 Manufacturing Processes

(UAEMAR 21.A.139(b)1(v), 145(a), 163 (a), (b))

This section should provide procedures to ensure products are manufactured and controlled in accordance with regulatory requirements and the management of production documentation.

[TEXT HERE]

This section should provide procedures covering the following topics:

- a. Competency of manufacturing staff.
- b. Process Planning.
- c. Establishment of process instructions and records.
- d. Qualification of process.
- e. Completion of process records.
- f. Comparing the measured performance against the established standards.
- g. Taking corrective action as appropriate.

[TEXT HERE]

2.8 Special Processes

UAEMAR 21.A.139(b)1(viii)(x)(xi), 21.A.145(d)

This section should describe any special processes and associated controls being carried out by the Production Organisation.

Procedures should cover the following topics:

- a. Controls required.
- b. Training and competence assessment.
- c. Validation of equipment capability.
- d. Qualification of process.
- e. Qualification of equipment and personnel.
- f. Periodic revalidation of the processes.
- g. Proving that special processes have achieved planned results.
- h. Maintenance of Records.

2.9 Inspection and Testing (including Production Flight Testing)

21.A.139(b)(1)(vi)

This section should include procedures describing the inspection and test processes used by the Production Organisation.

Procedures should cover the following topics:

- a. Competency of inspection staff.
- b. Validation of equipment capability.
- c. Controls required.
- d. Inspection Planning.
- e. Establishment of inspection instructions and records.
- f. Qualification of inspection process.
- g. First article inspection.
- h. In process inspection.
- i. Sampling plans.
- j. Completion of inspection records.
- k. Comparing the measured performance against the established standards.
- I. Taking corrective action as appropriate.

[TEXT HERE]

2.10 Production Flight Tests

Refer to section 1.11 - Flight Test Activities.

2.11 Calibration of Tools, Jigs and Test Equipment

21.A.139(b)1(vii)

This section should provide procedures for the acceptance, identification, use, control and calibration of the tools and equipment. The procedures should address the following topics:

- 1. Procedure for establishing of inspection, servicing and calibration time periods and frequencies.
- 2. Description of the operation of the Calibration Control System.
 - a. List of calibrated Tools, Jigs and Equipment.
 - Item number, serial number and description.
 - Calibration frequency.
 - Last calibration date.
 - Next calibration due date.
- 3. Calibration procedures for serviceability and accuracy.
- 4. List of Standards being used.
- 5. Receipt of new calibrated equipment.
 - a. Inspection for damage.
 - b. Verification of calibration status.
 - c. Unique identification.
 - d. Adding to asset register and calibration control system.
- 6. Receipt of equipment calibrated by an approved calibration facility.
 - a. Inspection for damage.
 - b. Verification of calibration status.
 - c. Updating calibration control system.
- 7. Calibration records.
- 8. Procedure for quarantine and investigation of tools and components or aircraft affected by the discovery of out of tolerance tooling.
- 9. Use of tools, jigs and fixtures by staff.
 - a. Control of tool issue record of user and location.
- 10. Determining tool serviceability prior to issue.
- 11. Training and certification of employees in the use of tools and equipment.
- 12. Personal (own) instrument/tool control.
- 13. Loan tool control and audit.

2.12 Non-Conforming Items Control

21.A.139(b)1(viii)

This section should provide procedures for the identification, documentation, evaluation and disposition of non-conforming items.

The procedures should address the following topics:

- 1. Identification of nonconforming items
 - a. tagging.
 - b. marking.
- 2. Documenting non-conforming items
 - a. Non-conformance reporting.
- 3. Evaluation and disposition
 - a. Accept as is (concession).
 - b. Rework.
 - c. Regraded (with or without repair) for alternative applications.
 - d. Scrap.
- 4. Concessions
- 5. Disposal of scrap

[TEXT HERE]

2.13 Airworthiness Coordination with Applicant for, or the Holder of, the Design Approval

21.A.139(b)1(ix), 133(b), (c), 145(b), 165(g)

In this section the procedure should:

- a. Describe the link established between design and production. In the case where the production is made by a separate legal entity, a formal arrangement shall be signed between the two companies. The minimum information in UAEMAR AMC No 1 to 21.A.133(b) and (c) should be included in the formal agreement.
- b. Cover the transfer of information from the DO to the production organisation (refer to UAEMAR AMC 21.A.4).
- c. Cover the deviation and concession process. Production deviations from the approved design data should be treated through the changes approval process.
- d. Mention directly or by cross reference who is authorised to sign associated documents.

2.14 Records Completion and Retention

21.A.139(b)1(x), 165(d), 165(h)

This section should provide procedures for the completion of technical records.

It is dealing with technical records and it shall include the management of electronic records if any.

The procedures should address the following topics:

- 1. Completion of paper technical records
 - a. Accuracy of recorded data
 - b. Legibility
 - c. Cleanliness
 - d. Certification by authorised staff
- 2. Retention of paper technical records
 - a. Storage so as to prevent loss, damage and deterioration
 - b. Responsibility for storage of records
 - c. Archive access control
 - d. Retention periods
 - e. Disposition of old records
- 3. Electronic records
 - a. Controlled access to computer systems
 - b. Accuracy of recorded data
 - c. Electronic signatures
 - d. Retention periods
 - e. Disposition of old records

2.15 Personnel Competence and Qualification

21.A.139(b)1(xi), 145(d)

This section should describe the general requirement for accepting anybody working in the Production Organisation. The training process of these persons should be described (minimum training and regular/recurrent training).

If there are special processes or NDT in the approved scope, the specific requirements for training and qualification should also be described.

The procedures should address the following topics:

- a. Job descriptions.
 - 1. Description of tasks.
 - 2. Qualification requirements.
 - 3. Experience requirements.
- b. Employees assessment standard.
- c. Assessment procedures (training, qualifications, supervision and assessors).
- d. Management of competence assessments.
- e. Assessment records.

2.16 Certifying Staff Qualification and Training

21.A.145(d)

This section is specifically reserved for certifying staff. Procedures should address the following topics

- a. Job description.
- b. Qualification requirements.
- c. Training needs analysis.
- d. Nomination.
- e. Authorisation.
- f. Records.
- g. List of certifying staff.

2.17 Issue of Airworthiness Release Documents

21.A.139(b)1(xii), 163, 165(c), 165(i)

This section should describe the procedures and associated documentation required for the release to service of a complete aircraft or other products, parts, or appliances.

2.18 Release to Service of a Complete Aircraft

21.A.163(b)

Carrying out an investigation so as to be satisfied in respect of each of the items listed below that each completed aircraft conforms to the type design and is in condition for safe operation prior to submitting Statements of Conformity to the Authority. This section should describe the procedures and associated documentation required for the release to service of a complete aircraft and address the following:

- a. Equipment or modifications which do not meet the requirements of the State of manufacture but have been accepted by the Authority of the importing country.
- b. Identification of products, parts or appliances which:
 - Are not new
 - Are furnished by the buyer or future operator
- c. Technical records which identify the location and serial numbers of significant components that have special traceability requirements for continued airworthiness purposes.
- d. Logbook and a modification record book for the aircraft as required by the Authority.
- e. Logbooks for products installed as part of the type design as required by the Authority.
- f. A weight and balance report for the completed aircraft.
- g. A record of missing items or defects which do not affect airworthiness.
- *h.* Product support information required by other implementing rules and associated airworthiness requirements.
- *i.* Records which demonstrate completion of maintenance tasks appropriate to the test flight flying hours recorded by the aircraft.
- *j.* Details of the serviceability state of the aircraft in respect of a) the fuel and oil contents, b) provision of operationally required emergency equipment such as life rafts, etc.
- *k.* Details of the approved interior configuration if different from that approved as part of the type design.
- *I.* Availability of an approved Flight Manual which conforms to the build standard and modification state of the particular aircraft.
- *m.* Show that inspections for foreign objects at all appropriate stages of manufacture have been satisfactorily performed.
- n. The registration has been marked on the exterior of the aircraft as required by legislation.
- o. Availability of a certificate for noise and for the aircraft radio station (as applicable).
- *p.* The installed compass and or compass systems have been adjusted and compensated and a deviation card displayed in the aircraft.
- q. Software criticality list.
- *r.* A record of rigging and control surface movement measurements.
- s. Details of installations which will be removed before starting air operations.
- t. List of all applicable Service Bulletins and airworthiness directives that have been implemented.

2.19 Record keeping as required by Section 2.14.

Refer to section 2.14.

2.20 Release to Service of Other Products, Parts or Appliances

21.A.163(c)

Procedures in this section should describe:

- a. Determination of conformity of prototype models and test specimens to the applicable design data.
- b. Evidence that any concessions/non-conformances have been approved by design approval holder or the authority.
- c. The requirements listed in section 2.18 (as applicable) have been complied with.
- d. Computer generated UAEMAR Form 1s (as applicable).
- e. Electronic signatures (as applicable).
- f. Electronic exchange of UAEMAR Form 1s (as applicable).
- g. Record keeping as required by Section 2.14.

[TEXT HERE]

2.21 Handling, Storage and Packaging

21.A.139(b)1(xiii)

This section should describe the procedures required for the safe handling, storage and packaging of parts and materials to prevent damage and deterioration.

2.21.1 Handling

Procedures in this section should describe:

- a. The use of handling equipment.
- b. The different handling methods for materials and parts, lifting equipment, slinging including electrostatic sensitive devices (ESD) (if applicable), etc.
- c. The movement of materials and parts during processing.

[TEXT HERE]

2.21.2 Storage

Procedures in this section should describe:

- a. Required storage conditions (manufacturer's recommendations).
- b. Temperature and humidity monitoring and actions to be taken if limits are exceeded.
- c. Protection from dust, dirt, or debris, and adequate blanking and packaging of stored items.
- d. Storage methods including as applicable:

- 1. Segregation of serviceable materials and parts from unserviceable materials and parts.
- 2. Segregation and shielding of materials and parts from items which can emit fumes, substances or radiation which could be potentially damaging.
- 3. Blanking and prevention from dust, dirt, or debris.
- 4. Storage on racking.
- 5. Storage of light sensitive items.
- 6. Storage of ESD.
- 7. Storage of temperature sensitive materials/refrigeration.
- e. Maintenance of recording of stored parts identities and batch information.
- f. Restricted stores access.

[TEXT HERE]

2.21.3 Packaging

Procedures in this section should describe:

- a. Packaging methods.
- b. Acceptable packaging materials.
- c. Blanking and prevention from dust, dirt, or debris.

[TEXT HERE]

2.22 Internal Quality Audits and Resulting Corrective Actions

21.A.139(b)1(xiv), (b)2, 158

The procedures in this section should ensure that the full scope of UAEMAR 21 Subpart G is covered, including special processes in order to prove the compliance with the regulation.

The procedures should include:

- a. Planning of compliance monitoring activities.
- b. Performance compliance monitoring activities.
- c. Determination of corrective actions and acceptable timeframes.
- d. Follow-up of findings.
- e. Coverage of suppliers.

[TEXT HERE]

2.22.1 Quality Audit of Processes

This section should describe the procedures required for performing process audits and should cover:

- a. Equipment and facilities.
- b. Personnel.

- c. Control processes.
- d. Process inputs.
- e. Instructions and procedures.
- f. Support processes.
- g. Process outputs.
- h. Key performance indicators.

[TEXT HERE]

2.22.2 Quality Audit of Product

This section should describe the procedures required for performing product audits and should cover:

- a. Organisation and staff.
- b. Training and certification of staff.
- c. Procedures.
- d. Packaging and handling.
- e. Cleanliness and contamination control.
- f. Manufacturing and testing.
- g. Measurements and test equipment.
- h. Non-Conformance control.

2.22.3 Quality Audit Remedial Action Procedure

This section should describe the procedures required for ensuring that any deviations raised during an audit are fully addressed in a timely manner to prevent re-occurrence. The procedures should cover:

- a. Recording of deviations.
- b. Determining the level of deviation:
 - Level 1: Any non-compliance which could lead to uncontrolled non-compliances with applicable UAEMAR 21 requirements and which could affect the safety of the aircraft.
 - Level 2: Any non-compliance which is not classified as level 1.
 - Level 3: Any item where it has been identified, by objective evidence, to contain potential problems that could lead to a level 2 or 1 finding.
- c. Notification of discrepancies to affected departments.
- d. Time frame to resolve deviations.

EXAMPLE

• Level 1: within 21 days.

- Level 2: latest within 3 month.
- Level 3: to be defined by the relevant department where the weakness or possibility of improvement has been discovered.
- e. Investigation to determine root cause.
- f. Responsibilities for resolving the deviations.
- g. Escalation if deviation is not resolved in a timely manner.
- h. Closing of resolved deviations.

2.22.4 Quality Audit Personnel

This section should describe the qualifications, experience and competence assessment of Quality Audit personnel. The procedures should cover:

- a. Required qualifications and experience.
- b. Competency assessment.
- c. Additional training requirements.

[TEXT HERE]

2.22.5 Planning for POA Compliance Audits

This section should describe the procedure for planning a series of audits to ensure compliance with UAEMAR 21 Subpart G. The procedures should cover:

- a. Establishing an audit plan ensuring that all regulatory requirements are audited at least once per annum. The plan should cover:
 - 1. Quality System audits.
 - 2. Process audits.
 - 3. Product Audits.
- b. Responsibility for authorising the plan.
- c. Monitoring compliance with the plan to ensure that audits are carried to schedule.
- d. Recovery action in the unplanned event of audit slippage.

[TEXT HERE]

2.23 Work within the Terms of Approval performed at any location other than the Approved Facilities

21.A.139(b)1(xv)

This section should describe the procedure and controls required for "extending" the organisations POA to another organisation to perform work within the scope of the POA approval (out-locating). The procedures should cover:

a. The circumstances under which work can be out-located.

- b. The controls to be put in place to ensure that the product meets design specification including but not limited to:
 - 1. Notification to the MAA.
 - 2. Pre-audit of organisation compliance with requirements and capability.
 - 3. Contracting including right of access for the MAA.
 - 4. Lines of communication and inter-organisation meeting schedule.
 - 5. Provision of current design data.
 - 6. Test runs.
 - 7. First article inspection and freezing of process.
 - 8. Applications for process changes and associated controls.
 - 9. Oversight from POA.
 - 10. POA inspections.
 - 11. Method of authorising the certifying staff (if applicable) of the organisation where the work is being out-located.
 - 12. Receiving inspection requirements of all items produced by the organisation where the work is being out-located.

[TEXT HERE]

2.24 Work carried out after completion of production but prior to delivery, to maintain the aircraft in a condition for safe operation

21.A.139(b)1(xvi), 163(d)

This section should describe the procedure to ensure that required maintenance is carried out on completed aircraft prior to delivery to maintain the aircraft in a condition for safe operation.

<u>NOTE:</u>

This requirement is only applicable for complete aircraft.

The procedures should cover:

- a. Identification of scheduled maintenance requirements for non-operational aircraft including:
 - 1. Determining how long the aircraft will remain un-operational.
 - 2. Establishing a scheduled maintenance plan for each aircraft which should include but not limited to:
 - Requirement for preservation of aircraft and engines
 - Protection from damage or debris contamination of pitot probes, static ports, total air temperature probes and angle-of-attack sensors
 - Closing and sealing of external openings on the airplane such as the outflow valve, relief valves, vents, ports, and openings against environmental effects.
 - Periodic ground running of engines, APU and specific aircraft systems

- Checking system pressures such as oxygen cylinders, tyres, hydraulic systems, and landing gear shock struts.
- b. Certifying staff.
- c. Records of maintenance carried out.
- d. Performance of required unscheduled maintenance tasks such as ADs, SBs, minor repairs, etc.
- e. Release to service UAEMAR Form 53.

[TEXT HERE]

2.25 Issue of a Permit to Fly and Approval of Associated Flight Conditions

21.A.139(b)1(xvii), 163(e), 165(j), 165(k)

This section should describe the procedure and documentation required to issue a Military Permit to Fly including approval of associated flight conditions.

NOTE: This requirement is only applicable for complete aircraft.

The procedure should include:

- a. Approval of flight conditions (when relevant). Refer to UAEMAR 21.A.710(b).
 - the process to establish and justify the flight conditions.
 - how compliance with UAEMAR 21.A.710(c) is established.
 - the use of UAEMAR Form 18b.
- b. Conformity with approved conditions.
 - indicate how conformity with approved conditions is made, documented and attested by an authorised person.
- c. Issue of the military permit to fly under the MPOA privilege.
- describe the process to prepare the UAEMAR Form 20b and how compliance with UAEMAR 21.A.711(c) and (e) is established before signature of the military permit to fly.
- d. Authorised signatories.
 - person(s) authorised to sign the military permit to fly should be identified (name, signature and scope of authority) in the procedure, or in an appropriate document linked to the MPOE.
- e. Interface with the local Authority for the flight.
 - the procedure should include provisions describing the communication with the local Authority for compliance with the local requirements which are outside the scope, and with the conditions of UAEMAR 21.A.708(b).

[TEXT HERE]

2.26 Occurrence Reporting

21.A.3A(b),165(e), 165(f)

This section should describe the procedures to be followed for the reporting of a failure, malfunction, defect or other occurrence which has or may result in an unsafe condition, within the organisation and to the MAA.

The procedure should include:

- a. Description of Unsafe Condition (see UAEMAR AMC 21.A.3B(b)).
- b. Method of internal recording and reporting of occurrences to POA Management.
- c. Time frame to report to the MAA (72 hours).
- d. Method of reporting to the MAA.
- e. Investigation methods to determine root cause.
- f. Corrective and preventive action requirements.
- g. Closure of the reported occurrence with the MAA.

[TEXT HERE]

2.27 Control of Critical Parts

21.A.139(b)1

This section should describe the procedures to be followed for the identification and control of critical parts. The procedure should include:

a. Description of Critical Parts

EXAMPLE:

A "Critical component" means a part identified as critical by the design approval holder during the product type validation process, or otherwise by the exporting authority. Typically, such components include parts for which a replacement time, inspection interval, or related procedure is specified in the Airworthiness Limitations section or certification maintenance requirements of the manufacturer's maintenance manual or Instructions for Continued Airworthiness.

- b. Method of identifying critical parts.
 - On production documentation.
 - On the part (see UAEMAR 21.A.805).
- c. Methods of identifying critical part characteristics.
- d. Methods to ensure critical part characteristics and processes are properly controlled during production.
- e. Methods of handling and protection against damage.
- f. Disposition of critical parts with manufacturing errors or material flaws.

PART 3 – SAFETY MANAGEMENT SYSTEM

3.1 Description of the Safety Management System

UAEMAR SMS

This section can be dedicated to describe the organisation's Safety Management System (note that a reference to an external SMS manual within the Exposition document may also/instead be used).

APPENDICES

Appendix A – Abbreviations and Acronyms

This section should set out the meaning of any abbreviations, acronyms and unique terms used in the exposition. For example:

AD		Airworthiness Directive
AMC		Acceptable Means of Compliance
DO		Design Organisation
GM		Guidance Material
MDC	DE	Military Production Organisation Exposition
UAE	MAA	United Arab Emirates Military Airworthiness Authority
UAE	MAR	United Arab Emirates Military Airworthiness Regulations
[TEXT H	ERE]	

Appendix B – Definitions

This section should set out the definitions used in the exposition.

[TEXT HERE]

Appendix C – List of Referenced Procedures

This section should list referenced procedures used in the exposition.

[TEXT HERE]

Reference	Title	Revision

Appendix D – List of Forms and Templates

This section should list the forms and templates used in the exposition. For example:

[TEXT HERE]

Reference	Title	Revision
	Application and Classification	
	Certification Programme	
	Compliance Demonstration Report	
	Compliance Check List	
	Test Plan	
	Statement of Conformity	
	Test Witness Report	
	Minor Change Approval	
	Declaration of Compliance	
	Service Bulletin	
	Occurrence Record Form	
	Alert Service Bulletin	
	Repair Approval Sheet	
	CVE nomination sheet	
	Audit Plan	
	Audit Report	
	Action and Finding List	

Appendix E – Capability List

1

This section should list the MPOE approved capabilities.

Appendix F – UAEMAR 21 Requirements Cross-Reference Matrix

This section shall include a compliance matrix (template provided below) for the organisation to demonstrate how its MPOE meets the requirements of UAEMAR 21G. Tick box \square to validate and add additional references if needed to meet UAEMAR 21 requirements.

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
SUBPART A	GENERAL PROVISIONS	
21.A.001		N/A
21.A.002		N/A
21.A.003A		N/A
21.A.003A (a)		N/A
21.A.003A (a) 1.	2.26	
21.A.003A (b)		N/A
21.A.003A (b) 1.	2.26	
21.A.003A (b) 2.	2.26	
21.A.003A (c)		N/A
21.A.003A (c) 1.	2.26	
21.A.003A (c) 2.	2.26	
21.A.003B		N/A
21.A.003B (a)		N/A
21.A.003B (b)		N/A
21.A.003B (b) 1.		N/A
21.A.003B (b) 2.		N/A
21.A.003B (c)		N/A
21.A.003B (c) 1.	2.18, 2.26	
21.A.003B (c) 2.	2.18, 2.26	
21.A.003B (d)		N/A
21.A.003B (d) 1.		N/A
21.A.003B (d) 2.		N/A
21.A.003B (d) 3.		N/A
21.A.003B (d) 4.		N/A
21.A.003B (d) 5.		N/A
21.A.004		N/A
21.A.004 (a)	1.5, 1.8.1, 2.13	
21.A.004 (b)	1.5, 1.8.1, 2.13	

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
SUBPART B	MILITARY TYPE CERTIFICATES AND	
21.A.011	MILITARY RESTRICTED TYPE CERTIFICATES	N/A
21.A.013		N/A
21.A.014		N/A
21.A.014 (a)	Military Design Organisation Approval	
21.A.014 (b)	Authority Agreement (if applicable)	
21.A.014 (b) 1.		 N/A
21.A.014 (b) 2.		N/A
21.A.014 (b) 3.		N/A
21.A.014 (b) 4.		N/A
21.A.014 (c)	Government Organisation Agreements	
21.A.015		 N/A
21.A.015 (a)	UAEMAR Form 50, 2.2, 2.3	
21.A.015 (b)		N/A
21.A.015 (c)		N/A
21.A.016A		N/A
21.A.016B		N/A
21.A.016B (a)	2.13, 2.17, 2.22	
21.A.016B (a) 1.		N/A
21.A.016B (a) 2.		N/A
21.A.016B (a) 3.		N/A
21.A.016B (a) 4.		N/A
21.A.016B (b)	2.13, 2.17, 2.22	
21.A.017A		N/A
21.A.017A (a)	1.5, 2.13, 2.17, 2.22 and Type Certification Basis	
21.A.017A (a) 1.		N/A
21.A.017A (a) 1. (i)		N/A
21 .A.017A (a) 1. (ii)		N/A
21.A.017A (a) 2.		N/A
21.A.017A (a) 3.		N/A
21.A.017A (b)		N/A
21.A.017A (c)		N/A

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
21.A.017A (d)	1.5, 2.5, 2.13, 2.17, 2.22 and Type Certification Basis	
21.A.017A (e)		N/A
21.A.017B		N/A
21.A.018	1.3.1, 1.5, 2.24	
21.A.019	1.3, 2.13	
21.A.020		N/A
21.A.020 (a)	1.3.1, 1.8.2, 2.5, 2.22	
21.A.020 (b)	Certification Programme, 1.3.1, 1.8.2, 2.4, 2.5, 2.22	
21.A.020 (c)	1.3.1, 1.8.2, 2.5, 2.22	
21.A.020 (d)	Declaration of Compliance, 1.1, 1.2, 1.3, 1.8.2, 2.5, 2.22	
21.A.020 (e)	Declaration of Compliance according to UAEMAR 21J (if applicable)	
21.A.021		N/A
21.A.021 (a)		N/A
21.A.021 (b)		N/A
21.A.021 (c)		N/A
21.A.021 (c) 1.		N/A
21.A.021 (c) 2.		N/A
21.A.021 (c) 3.		N/A
21.A.021 (c) 4.		N/A
21.A.021 (d)		N/A
21.A.023		N/A
21.A.023 (a)		N/A
21.A.023 (a) 1.		N/A
21.A.023 (a) 2.		N/A
21.A.023 (b)		N/A
21.A.023 (b) 1.	1.5, 2.4, 2.18, 2.20	
21.A.023 (b) 2.	1.5, 2.4, 2.18, 2.20	
21.A.031		N/A
21.A.031 (a)		N/A
21.A.031 (a) 1.	2.4, 2.18	
21.A.031 (a) 2.	2.4, 2.5, 2.6, 2.18, 2.21	

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
21.A.031 (a) 3.	1.5, 2.18, 2.27	
21.A.031 (a) 4.	1.3, 1.5, 2.24	
21.A.031 (b)	2.6, 2.12, 2.27	
21.A.033		N/A
21.A.033 (a)	1.8.2, 1.11, 2.4, 2.9, 2.10, 2.18, 2.22, 2.26	
21.A.033 (b)		N/A
21.A.033 (b) 1.		N/A
21.A.033 (b) 1. (i)	1.11, 2.9, 2.10	
21.A.033 (b) 1. (ii)	1.11, 2.9, 2.10	
21.A.033 (b) 1. (iii)	1.11, 2.9, 2.10	
21.A.033 (b) 2.	1.4.2, 2.11	
21.A.033 (c)	1.1, 1.4.2, 1.7.1, 2.4, 2.18, 2.23	
21.A.033 (d)	1.1, 1.4.2, 1.7.1, 2.4, 2.18, 2.23	
21.A.033 (e)		N/A
21.A.033 (e) 1.	Statement of Compliance, 1.8.2, 2.20, 2.22, 2.23	
21.A.033 (e) 2.		N/A
21.A.035		N/A
21.A.035 (a)	1.11, 2.9, 2.10	
21.A.035 (b)		N/A
21.A.035 (b) 1.	1.11, 2.9, 2.10, 2.22, 2.23	
21.A.035 (b) 2.	1.11, 2.9, 2.10, 2.22, 2.23	
21.A.035 (c)		N/A
21.A.035 (d)		N/A
21.A.035 (e)		N/A
21.A.035 (f)		N/A
21.A.035 (f) 1.	Test Plans and Reports, 1.11, 2.9, 2.10	
21.A.035 (f) 2.	Test Plans and Reports, 1.11, 2.9, 2.10	
21.A.041		N/A
21.A.042	Military Type Certificate, 1.5	
21.A.044	Military Type Certificate, 2.6	
21.A.044 (a)		N/A
21.A.044 (b)		N/A
21.A.044 (c)		N/A

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
21.A.047		N/A
21.A.051		N/A
21.A.051 (a)		N/A
21.A.051 (a) 1.		N/A
21.A.051 (a) 2.		N/A
21.A.051 (b)		N/A
21.A.051 (c)	1.1, 1.3	
21.A.055	2.14, 2.19	
21.A.057	Military Type Certificate, 1.1	
21.A.061		N/A
21.A.061 (a)	2.1, 2.2, 2.7, 2.22	
21.A.061 (b)	2.1, 2.2, 2.7, 2.22	
SUBPART C	NOT APPLICABLE	
SUBPART D	CHANGES TO MILITARY TYPE CERTIFICATES AND MILITARY RESTRICTED TYPE CERTIFICATES	
21.A.090		N/A
21.A.091	1.3, 2.13, 2.23	
21.A.092		N/A
21.A.092 (a)		N/A
21.A.092 (b)		N/A
21.A.093	2.13	
21.A.093 (a)		N/A
21.A.093 (a) 1.		N/A
21.A.093 (a) 2.		N/A
21.A.093 (b)		N/A
21.A.095	Minor Change Approval, 2.13	
21.A.095 (a)		N/A
21.A.095 (b)		N/A
21.A.097		N/A
21.A.097 (a)	2.13	
21.A.097 (a) 1.		N/A
21.A.097 (a) 2.		N/A
21.A.097 (a) 3.		N/A

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
21.A.097 (a) 4.		N/A
21.A.097 (a) 5.		N/A
21.A.097 (b)		N/A
21.A.101		N/A
21.A.101 (a)	1.3, 2.13, 2.17	
21.A.101 (b)	1.3, 2.13, 2.17	
21.A.101 (b) 1.		N/A
21.A.101 (b) 1. (i)		N/A
21.A.101 (b) 1. (ii)		N/A
21.A.101 (b) 2.		N/A
21.A.101 (b) 3.		N/A
21.A.101 (c)		N/A
21.A.101 (d)		N/A
21.A.101 (e)		N/A
21.A.101 (f)		N/A
21.A.103		N/A
21.A.103 (a)		N/A
21.A.103 (a) 1.		N/A
21.A.103 (a) 2.		N/A
21.A.103 (a) 2. (i)		N/A
21.A.103 (a) 2. (ii)		N/A
21.A.103 (a) 2. (iii)		N/A
21.A.103 (b)		N/A
21.A.105		N/A
21.A.105 (a)	2.14, 2.19	
21.A.105 (b)	2.14, 2.19	
21.A.107		N/A
21.A.107 (a)	2.1, 2.7, 2.22	
21.A.107 (b)	2.1, 2.7, 2.22	
21.A.109		N/A
21.A.109 (a)	2.6, 2.20, 2.21	
21.A.109 (b)	2.6, 2.20, 2.21	
SUBPART E	MILITARY SUPPLEMENTAL TYPE CERTIFICATES	

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
21.A.111		N/A
21.A.112A		N/A
21.A.112B		N/A
21.A.112B (a)	MDOA	
21.A.112B (b)	MAA Agreement	
21.A.112B (c)	UAE Government / MAA Agreements	
21.A.113		N/A
21.A.113 (a)	1.5, 2.13	
21.A.113 (b)	1.5, 2.13	
21.A.114	2.13	
21.A.115		N/A
21.A.115 (a)		N/A
21.A.115 (b)		N/A
21.A.115 (c)		N/A
21.A.115 (c) 1.		N/A
21.A.115 (c) 2.		N/A
21.A.116	Transferee Organisation MDOA (as applicable)	
21.A.117		N/A
21.A.117 (a)	1.3, 2.3.3, 2.13	
21.A.117 (b)	1.3, 2.3.3, 2.13	
21.A.117 (c)	1.3, 2.3.3, 2.13	
21.A.118A		N/A
21.A.118A (a)		N/A
21.A.118A (a) 1.	2.6, 2.20, 2.21	
21.A.118A (a) 2.	2.6, 2.20, 2.21	
21.A.118A (b)	2.6, 2.20, 2.21	
21.A.118B		N/A
21.A.118B (a)		N/A
21.A.118B (a) 1.		N/A
21.A.118B (a) 2.		N/A
21.A.118B (b)		N/A
21.A.118B (c)	1.1, 2.13	
21.A.119	Military Supplemental Type Certificate, 1.1, 2.2	

UAEMAR	MPOE paragraph(s) and other documentation references	QM Validation
21.A.120		N/A
21.A.120 (a)	2.1, 2.2, 2.7, 2.22	
21.A.120 (b)	2.1, 2.2, 2.7, 2.22	
SUBPART F	PRODUCTION WITHOUT MILITARY PRODUCTION ORGANISATION APPROVAL	
21.A.121		N/A
21.A.121 (a)		N/A
21.A.121 (b)		N/A
21.A.122		N/A
21.A.122 (a)		N/A
21.A.122 (b)		N/A
21.A.124		N/A
21.A.124 (a)	UAEMAR Form 60	
21.A.124 (b)		N/A
21.A.124 (b) 1.		N/A
21.A.124 (b) 1. (i)		N/A
21.A.124 (b) 1. (ii)		N/A
21.A.124 (b) 2.		N/A
21.A.125A		N/A
21.A.125A (a)	1.1, 1.4.2, 1.5, 2.4, 2.5, 2.9, 2.23	
21.A.125A (b)		N/A
21.A.125A (b) 1.	1.1, 1.4.2, 1.5, 2.4, 2.5, 2.9, 2.23	
21.A.125A (b) 2.	1.1, 1.4.2, 1.5, 2.4, 2.5, 2.9, 2.23	
21.A.125A (b) 3.	1.1, 1.4.2, 1.5, 1.8.4, 1.10, 2.4, 2.5, 2.9, 2.23	
21.A.125A (c)	1.1, 1.4.2, 1.5, 2.4, 2.5, 2.9, 2.13, 2.23	
21.A.125B		N/A
21.A.125B (a)		N/A
21.A.125B (a) 1.		N/A
21.A.125B (a) 2.		N/A
21.A.125B (b)		N/A
21.A.125B (c)		N/A
21.A.125B (c) 1.		N/A
21.A.125B (c) 2.		N/A
21.A.125B (c) 3.		N/A

21.A.125B (d)		N/A
21.A.125C		N/A
21.A.125C (a)		N/A
21.A.125C (a) 1.		N/A
21.A.125C (a) 2.		N/A
21.A.125C (a) 3.		N/A
21.A.125C (a) 4.		N/A
21.A.125C (b)		N/A
21.A.126		N/A
21.A.126 (a)	1.1, 1.4.2, 1.5, 2.4, 2.5, 2.6, 2.9, 2.21, 2.23	
21.A.126 (a) 1.		N/A
21.A.126 (a) 2.		N/A
21.A.126 (a) 3.		N/A
21.A.126 (a) 4.		N/A
21.A.126 (b)	1.1, 1.4.2, 1.5, 2.4, 2.5, 2.6, 2.9, 2.21, 2.23	
21.A.126 (b) 1.		N/A
21.A.126 (b) 2.		N/A
21.A.126 (b) 3.		N/A
21.A.126 (b) 4.		N/A
21.A.126 (b) 5.		N/A
21.A.126 (b) 6.		N/A
21.A.127		N/A
21.A.127 (a)	1.4.2, 1.11, 2.10	
21.A.127 (b)	1.4.2, 1.11, 2.10	
21.A.127 (b) 1.		N/A
21.A.127 (b) 2.		N/A
21.A.127 (b) 3.		N/A
21.A.127 (b) 4.		N/A
21.A.127 (b) 5.		N/A
21.A.127 (b) 6.		N/A
21.A.128	1.11, 2.9, 2.10, 2.23	
21.A.129	1.1, 2.9, 2.13	
21.A.129 (a)		N/A
21.A.129 (b)		N/A

21.A.129 (c)		N/A
21.A.129 (d)		N/A
21.A.129 (e)	2.26, Occurrence Record Form	
21.A.129 (f)		N/A
21.A.129 (f) 1.		N/A
21.A.129 (f) 2.	2.22, 2.26	
21.A.129 (f) 3.	2.4, 2.22, 2.23, 2.24, 2.26	
21.A.130		N/A
21.A.130 (a)	SoC, UAEMAR Form 1, UAEMAR Form 52, 2.18, 2.20	
21.A.130 (b)		N/A
21.A.130 (b) 1.		N/A
21.A.130 (b) 2.		N/A
21.A.130 (b) 3.		N/A
21.A.130 (b) 4.		N/A
21.A.130 (c)	SoC, UAEMAR Form 1, UAEMAR Form 52, 2.18, 2.20	
21.A.130 (c) 1.		N/A
21.A.130 (c) 2.		N/A
21.A.130 (c) 3.		N/A
21.A.130 (d)	SoC, UAEMAR Form 1, UAEMAR Form 52, 2.5, 2.18, 2.20	
SUBPART G	MILITARY PRODUCTION ORGANISATION APPROVAL	
21.A.131		N/A
21.A.131 (a)		N/A
21.A.131 (b)		N/A
21.A.133		N/A
21.A.133 (a)		N/A
21.A.133 (b)		N/A
21.A.133 (c)		N/A
21.A.134	UAEMAR Form 50	
21.A.135		N/A
21.A.139		N/A
21.A.139 (a)	PART 2 PART 2	
21.A.139 (b)		N/A
21.A.139 (b) 1.		N/A

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21.A.139 (b) 1. (i)	2.3	
21.A.139 (b) 1. (ii)	2.4	
21.A.139 (b) 1. (iii)	2.5	
21.A.139 (b) 1. (iv)	2.6	
21.A.139 (b) 1. (v)	2.7	
21.A.139 (b) 1. (vi)	2.9	
21.A.139 (b) 1. (vii)	2.11	
21.A.139 (b) 1. (viii)	2.8, 2.12	
21.A.139 (b) 1. (ix)	2.13	
21.A.139 (b) 1. (x)	2.8, 2.14	
21.A.139 (b) 1. (xi)	2.8, 2.15	
21.A.139 (b) 1. (xii)	2.17	
21.A.139 (b) 1. (xiii)	2.21	
21.A.139 (b) 1. (xiv)	2.22	
21.A.139 (b) 1. (xv)	2.23	
21.A.139 (b) 1. (xvi)	2.24	
21.A.139 (b) 1. (xvii)	2.25	
21.A.139 (b) 2.	1.8.2, PART 2 PART 2	
21.A.143		N/A
21.A.143 (a)		N/A
21.A.143 (a) 01.	1.1	
21.A.143 (a) 02.	1.7.1, 1.8	
21.A.143 (a) 03.	1.8	
21.A.143 (a) 04.	1.6	
21.A.143 (a) 05.	1.8.4	
21.A.143 (a) 06.	1.10	
21.A.143 (a) 07.	1.4.2	
21.A.143 (a) 08.	1.5	
21.A.143 (a) 09.	1.3.1	
21.A.143 (a) 10.	1.3	
21.A.143 (a) 11.	24	
()	2.1	
21.A.143 (a) 12.	1.4.3	

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21.A.143 (c)	1.1, Safety Management System	
21.A.145	1.6, 1.7	
21.A.145 (a)	2.7, 2.11	
21.A.145 (b)		N/A
21.A.145 (b) 1.	2.5, 2.13	
21.A.145 (b) 2.	2.13, 2.18, 2.20	
21.A.145 (b) 3.	2.3, 2.13	
21.A.145 (c)		N/A
21.A.145 (c) 1.	1.7, 1.8, 1.10	
21.A.145 (c) 2.	1.7, 1.8, 1.10	
21.A.145 (c) 3.	1.7, 1.8, 1.10	
21.A.145 (d)		N/A
21.A.145 (d) 1.	1.7, 1.8.4, 1.9, 1.10	
21.A.145 (d) 2.	1.7, 1.8.4, 1.9, 1.10	
21.A.145 (d) 3.	1.7, 1.8.4, 1.9, 1.10	
21.A.147		N/A
21.A.147 (a)	1.3	
21.A.147 (b)		N/A
21.A.148	1.3.1	
21.A.149	1.3.1	
21.A.151	1.5	
21.A.153	1.3.1	
21.A.157	2.4	
21.A.158		N/A
21.A.158 (a)	2.22, Action and Finding List	
21.A.158 (a) 1.		N/A
21.A.158 (a) 2.		N/A
21.A.158 (b)		N/A
21.A.158 (c)		N/A
21.A.158 (c) 1.		N/A
21.A.158 (c) 2.		N/A
21.A.158 (c) 3.		N/A
21.A.158 (d)		N/A
21.A.159		N/A

21.A.159 (a)		N/A
21.A.159 (a) 1.		N/A
21.A.159 (a) 2.		N/A
21.A.159 (a) 3.		N/A
21.A.159 (a) 4.		N/A
21.A.159 (a) 5.		N/A
21.A.159 (a) 6.		N/A
21.A.159 (b)		N/A
21.A.163		N/A
21.A.163 (a)	2.7, 2.17	
21.A.163 (b)	2.18	
21.A.163 (c)	2.20	
21.A.163 (d)	2.24	
21.A.163 (e)	2.25	
21.A.165	1.1	
21.A.165 (a)	1.1, 1.2, 2.2, 2.3	
21.A.165 (b)	2.2	
21.A.165 (c)		N/A
21.A.165 (c) 1.	2.17, 2.18	
21.A.165 (c) 2.	2.17, 2.20	
21.A.165 (c) 3.	2.17	
21.A.165 (c) 4.	2.17, 2.20	
21.A.165 (d)	2.14	
21.A.165 (e)	2.26	
21.A.165 (f)		N/A
21.A.165 (f) 1.	2.26	
21.A.165 (f) 2.	2.26	
21.A.165 (f) 3.	2.26	
21.A.165 (g)	2.13	
21.A.165 (h)	2.14	
21.A.165 (i)	2.17, 2.18	
21.A.165 (j)	2.25	
21.A.165 (k)	2.25	

SUBPART H	MILITARY CERTIFICATES OF AIRWORTHINESS AND MILITARY RESTRICTED CERTIFICATES OF AIRWORTHINESS	
21.A.171	AIRWORTHINESS	N/A
21.A.172		N/A
21.A.173		N/A
21.A.173 (a)		N/A
21.A.173 (b)		N/A
21.A.173 (b) 1.		N/A
21.A.173 (b) 2.		N/A
21.A.174		N/A
21.A.174 (a)	UAEMAR Form 25a	
21.A.174 (b)		N/A
21.A.174 (b) 1.		N/A
21.A.174 (b) 2.		N/A
21.A.174 (b) 2. (i)		N/A
21.A.174 (b) 2. (ii)		N/A
21.A.174 (b) 2. (iii)		N/A
21.A.174 (b) 3.		N/A
21.A.174 (b) 3. (i)		N/A
21.A.174 (b) 3. (ii)		N/A
21.A.174 (c)		N/A
21.A.175	Certification Basis (English language)	
21.A.177		N/A
21.A.179		N/A
21.A.179 (a)		N/A
21.A.179 (a) 1.		N/A
21.A.179 (a) 2.		N/A
21.A.179 (a) 2. (i)		N/A
21.A.179 (a) 2. (ii)		N/A
21.A.179 (b)		N/A
21.A.180	MAA Compliance Oversight Program, 1.1	
21.A.181		N/A
21.A.181 (a)		N/A

21.A.181 (a) 1.		N/A
21.A.181 (a) 2.		N/A
21.A.181 (a) 3.		N/A
21.A.181 (a) 4.		N/A
21.A.181 (a) 5.		N/A
21.A.181 (b)		N/A
21.A.182	Aircraft Military Register, 2.6	
SUBPART I	NOISE CERTIFICATES	
SUBPART J	MILITARY DESIGN ORGANISATION APPROVAL	
21.A.231		N/A
21.A.233		N/A
21.A.233 (a)		N/A
21.A.233 (b)		N/A
21.A.234		N
21.A.235		N/A
21.A.239		N/A
21.A.239 (a)		N
21.A.239 (a) 1.		N
21.A.239 (a) 2.		N
21.A.239 (a) 2. (i)		N/A
21.A.239 (a) 2. (ii)		N/A
21.A.239 (a) 3.		N
21.A.239 (b)		N
21.A.239 (c)		N
21.A.239 (d)		N
21.A.243		N/A
21.A.243 (a)		N
21.A.243 (a) 1.		N
21.A.243 (b)		N
21.A.243 (c)		N
21.A.243 (d)		N
21.A.243 (e)		N
21.A.245		N/A
21.A.245 (a)		N

21.A.245 (b)	Ν
21.A.247	N
21.A.249	N/A
21.A.251	N/A
21.A.253	N
21.A.257	N/A
21.A.257 (a)	N
21.A.257 (b)	N
21.A.258	N/A
21.A.258 (a)	N
21.A.258 (a) 1.	N/A
21.A.258 (a) 2.	N/A
21.A.258 (b)	N/A
21.A.258 (c)	N/A
21.A.258 (c) 1.	Ν
21.A.258 (c) 2.	N
21.A.258 (c) 3.	N
21.A.258 (d)	N
21.A.259	N/A
21.A.259 (a)	N/A
21.A.259 (a) 1.	N/A
21.A.259 (a) 2.	N/A
21.A.259 (a) 3.	N/A
21.A.259 (a) 4.	N/A
21.A.259 (b)	N/A
21.A.263	N/A
21.A.263 (a)	N/A
21.A.263 (b)	N/A
21.A.263 (b) 1.	N/A
21.A.263 (b) 2.	N/A
21.A.263 (b) 3.	N/A
21.A.263 (b) 4.	N/A
21.A.263 (b) 5.	N/A
21.A.263 (c)	N/A

21.A.263 (c) 1.		N/A
21.A.263 (c) 2.		N/A
21.A.263 (c) 3.		N/A
21.A.263 (c) 4.		N/A
21.A.263 (c) 5.		N/A
21.A.263 (c) 6.		N/A
21.A.263 (c) 7.		N/A
21.A.263 (d)		N/A
21.A.263 (d) 1.		N/A
21.A.263 (d) 1. (i)		N/A
21.A.263 (d) 1. (ii)		N/A
21.A.263 (d) 1. (iii)		N/A
21.A.263 (d) 1. (iv)		N/A
21.A.263 (d) 2.		N/A
21.A.263 (d) 2. (i)		N/A
21.A.263 (d) 2. (ii)		N/A
21.A.263 (d) 2. (iii)		N/A
21.A.265		N
21.A.265 (a)		N/A
21.A.265 (b)		N/A
21.A.265 (c)		N/A
21.A.265 (d)		N/A
21.A.265 (e)		N/A
21.A.265 (f)		N/A
21.A.265 (g)		N/A
SUBPART K	PARTS AND APPLIANCES	
21.A.301		N/A
21.A.303	1.5.2, 2.4, 2.5, 2.17, 2.22, 2.27, Compliance Demonstration Report	
21.A.303 (a)		N/A
21.A.303 (b)		N/A
21.A.303 (c)		N/A
21.A.303 (d)		N/A
21.A.305	1.5.2, 2.5, 2.27	
21.A.307	2.17, 2.20	

21.A.307 (a)	2.17, 2.20	
21.A.307 (b)		N/A
21.A.307 (c)	2.17, 2.20	
SUBPART L	NOT APPLICABLE	
SUBPART M	REPAIRS	
21.A.431		N/A
21.A.431 (a)		N/A
21.A.431 (b)		N/A
21.A.431 (c)		N/A
21.A.431 (d)		N/A
21.A.432A		N/A
21.A.432A (a)		N/A
21.A.432A (b)		N/A
21.A.432B		N/A
21.A.432B (a)	MDOA Certificate, Appendix E – Capability ListAppendix E – Capability List	
21.A.432B (b)	1.5, 2.23, MAA Approval Agreement	
21.A.432B (c)	1.5, Government / MAA Approval Agreement	
21.A.433		N/A
21.A.433 (a)		N/A
21.A.433 (a) 1.	1.8.2, 1.8.3, 2.5, 2.22, Compliance Demonstration Report, Repair Approval Sheet	
21.A.433 (a) 2.	2.2, 2.3	
21.A.433 (a) 3.	Declaration of Compliance	
21.A.433 (b)	Type Certificate Holder Agreement	
21.A.435		N/A
21.A.435 (a)	1.3, 2.13, 2.23, 2.24	
21.A.435 (b)		N/A
21.A.435 (b) 1.		N/A
21.A.435 (b) 2.		N/A
21.A.437	2.22, Repair Approval Sheet	
21.A.437 (a)		N/A
21.A.437 (b)		N/A
21.A.437 (c)		N/A
21.A.439	1.8.3, 2.7, 2.8, 2.12, 2.13	

Form

21.A.439 (a)		N/A
21.A.439 (b)		N/A
21.A.439 (c)		N/A
21.A.441		N/A
21.A.441 (a)		N/A
21.A.441 (b)	2.13	
21.A.443	1.5, 2.23, 2.24, Repair Approval Sheet	
21.A.445		N/A
21.A.445 (a)		N/A
21.A.445 (a) 1.		N/A
21.A.445 (a) 2.	MDOA Certificate, 2.13	
21.A.445 (b)	2.13	
21.A.447		N/A
21.A.447 (a)	2.14, 2.19	
21.A.447 (b)	2.14, 2.19	
21.A.449		N/A
21.A.449 (a)	2.1, 2.2, 2.7, 2.22	
21.A.449 (b)	2.1, 2.2, 2.7, 2.22	
21.A.451		N/A
21.A.451 (a)	2.6	
21.A.451 (a) 1.		N/A
21.A.451 (a) 1. (i)		N/A
21.A.451 (a) 1. (ii)		N/A
21.A.451 (a) 2.		N/A
21.A.451 (b)		N/A
21.A.451 (b) 1.	2.6	
21.A.451 (b) 2.	2.6	
SUBPART N	NOT APPLICABLE	
SUBPART O	UAE MILITARY TECHNICAL STANDARD ORDER AUTHORISATIONS	
21.A.601		N/A
21.A.602A		N/A
21.A.602B		N/A
21.A.602B (a)	MPOA Certificate, Appendix E – Capability ListAppendix E – Capability List	

Form

21.A.602B (b)		N/A
21.A.602B (b) 1.	MDOA Certificate	
21.A.602B (b) 2.	MDOA Certificate	
21.A.603		N/A
21.A.603 (a)	UAEMAR Form 34	
21.A.603 (b)	UAEMAR Form 34	
21.A.604		N/A
21.A.604 (a)	UAEMAR Form 34	
21.A.604 (b)		N/A
21.A.604 (c)		N/A
21.A.605		N/A
21.A.605 (a)		N/A
21.A.605 (b)		N/A
21.A.605 (c)		N/A
21.A.605 (d)		N/A
21.A.605 (e)		N/A
21.A.605 (f)		N/A
21.A.606		N/A
21.A.606 (a)		N/A
21.A.606 (b)		N/A
21.A.606 (c)		N/A
21.A.607		N/A
21.A.608		N/A
21.A.608 (a)	1.8.2, 2.22, UAEMAR Form DDP	
21.A.608 (a) 1.		N/A
21.A.608 (a) 2.		N/A
21.A.608 (a) 3.		N/A
21.A.608 (a) 4.		N/A
21.A.608 (a) 5.		N/A
21.A.608 (a) 6.		N/A
21.A.608 (a) 7.		N/A
21.A.608 (b)		N/A
21.A.609	1.8.3, 2.2, 2.3, 2.6, 2.7, 2.8, 2.14	
21.A.609 (a)		N/A

21.A.609 (b)		N/A
21.A.609 (c)		N/A
21.A.609 (d)		N/A
21.A.609 (e)		N/A
21.A.609 (f)		N/A
21.A.609 (g)		N/A
21.A.610		N/A
21.A.610 (a)	2.12, 2.22	
21.A.610 (b)	2.12, 2.22, UAEMAR Form 34	
21.A.611		N/A
21.A.611 (a)	2.3, 2.13	
21.A.611 (b)	2.3, UAEMAR Form 34	
21.A.611 (c)		N/A
21.A.613	2.14, 2.19	
21.A.615	1.1	
21.A.615 (a)		N/A
21.A.615 (b)		N/A
21.A.619		N/A
21.A.619 (a)		N/A
21.A.619 (a) 1.		N/A
21.A.619 (a) 2.		N/A
21.A.619 (a) 3.		N/A
21.A.619 (a) 4.		N/A
21.A.619 (b)		N/A
21.A.621		N/A
SUBPART P	MILITARY PERMIT TO FLY	
21.A.701		N/A
21.A.701 (a)	1.5, 1.11, 2.25	
21.A.701 (a) 01.		N/A
21.A.701 (a) 02.		N/A
21.A.701 (a) 03.		N/A
21.A.701 (a) 04.		N/A
21.A.701 (a) 05.		N/A
21.A.701 (a) 06.		N/A

21.A.701 (a) 07.		N/A
21.A.701 (a) 08.		N/A
21.A.701 (a) 09.		N/A
21.A.701 (a) 10.		N/A
21.A.701 (a) 11.		N/A
21.A.701 (a) 12.		N/A
21.A.701 (a) 13.		N/A
21.A.701 (a) 14.		N/A
21.A.701 (a) 15.		N/A
21.A.701 (b)		N/A
21.A.703		N/A
21.A.703 (a)		N/A
21.A.703 (b)		N/A
21.A.703 (c)		N/A
21.A.705		N/A
21.A.707		N/A
21.A.707 (a)	UAEMAR Form 21	
21.A.707 (b)		N/A
21.A.707 (b) 1.		N/A
21.A.707 (b) 2.		N/A
21.A.707 (b) 3.		N/A
21.A.707 (c)		N/A
21.A.708	2.25	
21.A.708 (a)		N/A
21.A.708 (b)		N/A
21.A.708 (b) 1.		N/A
21.A.708 (b) 2.		N/A
21.A.708 (b) 3.		N/A
21.A.708 (b) 4.		N/A
21.A.708 (b) 5.		N/A
21.A.708 (b) 6.		N/A
21.A.708 (c)		N/A
21.A.708 (d)		N/A
21.A.709		N/A

21.A.709 (a)	UAEMAR Form 18a	
21.A.709 (b)		N/A
21.A.709 (b) 1.		N/A
21.A.709 (b) 2.		N/A
21.A.709 (b) 3.		N/A
21.A.710		N/A
21.A.710 (a)	2.25, UAEMAR Form 18b	
21.A.710 (a) 1.		N/A
21.A.710 (a) 2.		N/A
21.A.710 (b)		N/A
21.A.710 (c)		N/A
21.A.711		N/A
21.A.711 (a)		N/A
21.A.711 (a) 1.		N/A
21.A.711 (a) 2.		N/A
21.A.711 (a) 3.		N/A
21.A.711 (b)		N/A
21.A.711 (c)		N/A
21.A.711 (d)		N/A
21.A.711 (e)		N/A
21.A.711 (f)	2.3, 2.25	
21.A.711 (g)	2.3, 2.12, 2.22, 2.25	
21.A.713		N/A
21.A.713 (a)	2.25, UAEMAR Form 18b	
21.A.713 (b)		N/A
21.A.715	Certification Basis (English language)	
21.A.719	2.3, 2.25	
21.A.721	1.1, 2.22	
21.A.723		N/A
21.A.723 (a)		N/A
21.A.723 (a) 1.		N/A
21.A.723 (a) 2.		N/A
21.A.723 (a) 3.		N/A
21.A.723 (b)		N/A

21.A.723 (c)		N/A
21.A.725		N/A
21.A.727	2.22, 2.25, 2.26	
21.A.729		N/A
21.A.729 (a)	2.14, 2.19	
21.A.729 (b)	2.14, 2.19	
SUBPART Q	IDENTIFICATION OF PRODUCTS, PARTS AND APPLIANCES	
21.A.801		N/A
21.A.801 (a)	2.6	
21.A.801 (a) 1.		N/A
21.A.801 (a) 2.		N/A
21.A.801 (a) 3.		N/A
21.A.801 (a) 4.		N/A
21.A.801 (b)	2.6	
21.A.801 (c)	2.6	
21.A.801 (d)		N/A
21.A.803		N/A
21.A.803 (a)	2.6, 2.18, 2.20, 2.21	
21.A.803 (b)	2.6, 2.18, 2.20, 2.21	
21.A.803 (c)		N/A
21.A.803 (c) 1.	2.6, 2.18, 2.20, 2.21	
21.A.803 (c) 2.	2.6, 2.18, 2.20, 2.21	
21.A.803 (d)		N/A
21.A.804		N/A
21.A.804 (a)	2.6	
21.A.804 (a) 1.		N/A
21.A.804 (a) 2.		N/A
21.A.804 (a) 3.		N/A
21.A.804 (b)		N/A
21.A.805	2.6, 2.27	
21.A.807		N/A
21.A.807 (a)	2.6	
21.A.807 (a) 1.		N/A
21.A.807 (a) 2.		N/A

21.A.807 (a) 3.		N/A
21.A.807 (a) 4.		N/A
21.A.807 (b)		N/A
21.A.807 (c)	2.6	

TABLE OF CHANGES

All amended paragraphs are indicated by the use of a 'sidebar' in the margin. This can be readily cross-referenced using this table which details each change.

Nomenclature Used:

Additions to the text are tabulated below in green. Deletions of text are indicated by the use of > <. In both cases, the reason for the difference is clarified in the 'notes' column'.

If a paragraph is not included on the table, then no amendments have been made.

Paragraph	Sub-para	MPOE Example and Guidelines Edition 1.0 wording	MPOE Example and Guidelines Edition 1.1 wording	Notes