

EUROPEAN MILITARY AIRWORTHINESS REQUIREMENTS

EMAR 147

AIRCRAFT MAINTENANCE TRAINING ORGANISATIONS

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STATUS

The Status of the document can take 3 values:

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EDITION

Edition will have the following template: **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

NOTE:

During the development of EMAR 147, Task Force 3 has tried to maintain a clear link to the principles of EASA Part 147 (amendment M5), making changes where necessary for use within a military airworthiness context. On 26th Jan 2012, the MAWA Forum endorsed EMAR 147 Edition 0.1 to proceed to Step 3 of the MAWA Rulemaking process for pMS consultation. All comments received during this period were incorporated into a Comment Response Sheet (CRS) and sent to Task Force 3 for consideration. EMAR 147 Edition 0.2 incorporated the amendments that were made as a result of the output of the CRS and was approved by the 15th MAWA Forum on 14th June 2012. This document is therefore released as EMAR 147 Edition 1.0.

It is fully appreciated that EMAR 147 cannot be adopted/implemented in isolation from EMAR 66 (which is currently being developed by Task Force 3) or by a pMS that does not have a national Military Licensing Scheme for their maintenance personnel. However, in its current form EMAR 147 Edition 1.0 provides a framework within which pMS can work towards adopting/implementing the harmonised Requirements for Aircraft Maintenance Training Organisations.

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SECTION A

SUBPART A – GENERAL

147.A.05 Scope

This section establishes the requirements to be met by Maintenance Training Organisations (MTO) seeking approval to conduct training and examination as specified in EMAR 66.

147.A.10 General

An MTO shall be a legal entity, a part of a legal entity or part of a military organisation.

147.A.15 Application

(a) An application for an approval or for the amendment of an existing approval shall be made to the National Military Airworthiness Authority (NMAA) in an agreed form and manner.

(b) An application for or for the change to an approval shall include the following information:

1. The registered name and address of the applicant;
2. The address of the MTO requiring the approval or change to the approval;
3. The intended scope of approval or change to the scope of approval;
4. The name and signature of the accountable manager;
5. The date of application.

SUBPART B - ORGANISATIONAL REQUIREMENTS

147.A.100 Facility requirements

- (a) The size and structure of facilities shall ensure protection from the prevailing weather elements and proper operation of all planned training and examination.
- (b) Fully enclosed appropriate accommodation shall be provided for the instruction of theory and the conduct of knowledge examinations.
1. The maximum number of students undergoing knowledge training during any training session shall not exceed a level conducive to an effective learning environment.
 2. The size of accommodation for examination purposes shall be such that no student can read the paperwork or computer screen of any other student from his/her position during examinations.
- (c) The paragraph (b) accommodation environment shall be maintained such that students are able to concentrate on their studies or examination as appropriate, without undue distraction or discomfort.
- (d) In the case of a basic training course, basic training workshops and/or maintenance facilities separate from training classrooms shall be provided for practical instruction appropriate to the planned training course. If, however, the MTO is unable to provide such facilities, arrangements may be made with another organisation to provide such workshops and/or maintenance facilities, in which case a written agreement shall be made with such organisation specifying the conditions of access and use thereof. The NMAA shall require access to any such contracted organisation and the written agreement shall specify this access.
- (e) In the case of an aircraft type/task training course access shall be provided to appropriate facilities containing examples of aircraft type as specified in [EMAR 147.A.115\(d\)](#).
- (f) The maximum number of students undergoing practical training during any training session shall not exceed 15 per supervisor or assessor.
- (g) Office accommodation shall be provided for instructors, knowledge examiners and practical assessors of a standard to ensure that they can prepare for their duties without undue distraction or discomfort.
- (h) Secure storage facilities shall be provided for examination papers and training records. The storage environment shall be such that documents remain in good condition for the retention period as specified in [EMAR 147.A.125](#). The storage facilities and office accommodation may be combined, subject to adequate security. The requirements of this paragraph are equally applicable to other storage media (e.g. electronic etc.)
- (i) A library shall be provided containing all technical material appropriate to the scope and level of training undertaken.

147.A.105 Personnel requirements

(a) The MTO shall appoint an accountable manager who has corporate authority for ensuring that all training commitments can be carried out to the standard required by EMAR 147. The accountable manager shall:

1. Ensure that all necessary resources are available to accomplish training commitments in accordance with [EMAR 147.A.130 \(a\)](#) to support the organisation approval.
2. Establish and promote the quality policy specified in [EMAR 147.A.130\(b\)](#).
3. Demonstrate a basic understanding of this EMAR.

(b) A person or group of persons, whose responsibilities include ensuring that the MTO is in compliance with the requirements of this EMAR, shall be nominated. Such person(s) shall be responsible to the accountable manager. The senior person or one person from the group of persons may also be the accountable manager subject to meeting the requirements for the accountable manager as defined in paragraph (a).

(c) The MTO shall contract/appoint sufficient staff to plan/perform knowledge and practical training, conduct knowledge examinations and practical assessments in accordance with the approval.

(d) By derogation to paragraph (c), when another organisation is used to provide practical training and assessments, such other organisation's staff may be nominated to carry out practical training and assessments.

(e) Any person may carry out any combination of the roles of instructor, knowledge examiner and practical assessor, subject to compliance with paragraph (f).

(f) The experience and qualifications of instructors, knowledge examiners and practical assessors shall be established in accordance with criteria published by the NMAA or in accordance with a procedure and to a standard agreed by the NMAA.

(g) The instructors, knowledge examiners and practical assessors shall be specified in the MTO Exposition (MTOE) for the acceptance of such staff.

(h) Instructors and knowledge examiners shall undergo updating training at least every 24 months relevant to current technology, practical skills, human factors and the latest training techniques appropriate to the knowledge being trained or examined.

147.A.110 Records of instructors, examiners and assessors

(a) The MTO shall maintain a record of all instructors, knowledge examiners and practical assessors for a minimum period of 5 years after termination of their employment or assignment within the MTO. These records shall reflect the experience and qualification, training history and any subsequent training undertaken.

(b) Terms of reference shall be drawn up for all instructors, knowledge examiners and practical assessors.

147.A.115 Instructional equipment

- (a) Each classroom shall have appropriate presentation equipment of a standard that ensures students can easily read presentation text/drawings/diagrams and figures from any position in the classroom. Presentation equipment may include representative synthetic training devices to assist students in their understanding of the particular subject matter where such devices are considered beneficial for such purposes.
- (b) The basic training workshops and/or maintenance facilities as specified in [EMAR 147.A.100\(d\)](#) shall have all tools and equipment necessary to perform the approved scope of training.
- (c) The basic training workshops and/or maintenance facilities as specified in [EMAR 147.A.100\(d\)](#) shall have an appropriate selection of aircraft, engines, aircraft parts, avionic equipment, armaments, escape systems and other relevant systems.
- (d) The aircraft type training organisation as specified in [EMAR 147.A.100\(e\)](#) shall have access to the appropriate aircraft type. Synthetic training devices may be used when such synthetic training devices ensure adequate training standards.

147.A.120 Maintenance training material

- (a) Maintenance training course material shall be provided to the student and cover as applicable:
 - 1. The basic knowledge syllabus specified in EMAR 66 for the relevant military aircraft maintenance licence category or subcategory, and,
 - 2. The type course content required by EMAR 66 for the relevant aircraft type and military aircraft maintenance licence category or subcategory.
- (b) Students shall have access to examples of maintenance documentation and technical information in the library as specified in [EMAR 147.A.100\(i\)](#).

147.A.125 Records

The MTO shall keep all student training, examination and assessment records for at least five years following completion of the particular student's course.

147.A.130 Training procedures and quality system

- (a) The MTO shall establish procedures acceptable to the NMAA to ensure proper training standards and compliance with all relevant requirements in this EMAR.
- (b) The MTO shall establish a quality system including:
 - 1. An independent audit function to monitor training standards, the integrity of knowledge examinations and practical assessments, compliance with and adequacy of the procedures, and
 - 2. A feedback system of audit findings to the person(s) and ultimately to the accountable manager referred to in [EMAR 147.A.105\(a\)](#) to ensure, as necessary, preventive and corrective action.

147.A.135 Examinations

- (a) The examination staff shall ensure the security of all questions.
- (b) Any student found during a knowledge examination to be cheating or in possession of material pertaining to the examination subject other than the examination papers and associated authorised documentation shall be disqualified from taking the examination. In such a case the student shall not take any examination for at least 12 months after the date of the incident unless the NMAA approves otherwise. The NMAA shall be informed of any such incident together with the details of any enquiry within one calendar month.
- (c) Any examiner found during a knowledge examination to be providing question answers to any student being examined shall be disqualified from acting as an examiner and the examination declared void. The NMAA shall be informed of any such occurrence within one calendar month.

147.A.140 Maintenance Training Organisation Exposition (MTOE).

- (a) The MTO shall provide an exposition for use by the MTO describing the organisation and its procedures and containing the following information:

1. A statement signed by the accountable manager confirming that the MTOE and any associated manuals define the MTO's compliance with this EMAR and shall be complied with at all times. Where the accountable manager is not the chief executive officer or the senior military commander of the organisation, the chief executive officer or the senior military commander of the organisation shall countersign that statement.
2. The title(s) and name(s) of the person(s) nominated in accordance with [EMAR 147.A.105\(b\)](#).
3. The duties and responsibilities of the person(s) specified in subparagraph (a) 2, including matters on which they may deal directly with the NMAA on behalf of the MTO.
4. A MTO chart showing associated lines of responsibility of the person(s) specified in subparagraph (a)2.
5. A list of the instructors, knowledge examiners and practical assessors.
6. A general description of the training and examination facilities located at each address specified in the MTO's approval certificate, and if appropriate any other location, as required by [EMAR 147.A.145\(b\)](#).
7. A list of the maintenance training courses which form the extent of the approval.
8. The MTO's exposition amendment procedure.
9. The MTO's procedures, as required by [EMAR 147.A.130\(a\)](#).
10. The MTO's control procedure, as required by [EMAR 147.A.145\(c\)](#), when authorised to conduct training, examination and assessments in locations different from those specified in [EMAR 147.A.145\(b\)](#).
11. A list of the locations pursuant to [EMAR 147.A.145\(b\)](#).

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12. A list of organisations, if appropriate, as specified in [EMAR 147.A.145\(d\)](#).

(b) The MTO's exposition and any subsequent amendments shall be approved by the NMAA.

(c) Notwithstanding paragraph (b) minor amendments to the exposition may be approved through an exposition procedure (hereinafter called indirect approval).

(d) Where an MTO has an extant EASA Part 147 approval, those parts of the organisation's EASA Part 147 exposition that are equally applicable to satisfy the EMAR 147 requirements will generally be accepted by the NMAA as equivalent in respect of the EMAR 147 exposition. In this case it is permissible that only those regulations that are military specific need be addressed in the EMAR 147 exposition; those regulations covered by read-across of the sections of the EASA exposition document shall be identified and the EASA document clause reference quoted.

147.A.145 Privileges of the maintenance training organisation

(a) The MTO may carry out the following as permitted by and in accordance with the MTOE:

1. Basic training courses to the EMAR 66 syllabus, or part thereof.
2. Aircraft type/task training courses in accordance with EMAR 66, or part thereof.
3. The examinations on behalf of the NMAA, including the examination of students who did not attend the basic or aircraft type training course at the MTO.
4. the issue of certificates in accordance with Appendix III following successful completion of the approved basic or aircraft type training courses and examinations specified in subparagraphs (a)(1), (a)(2) and (a)(3), as applicable.

(b) Training, knowledge examinations and practical assessments may only be carried out at the locations identified in the approval certificate and/or at any location specified in the MTOE.

(c) By derogation to paragraph (b), the MTO may only conduct training, knowledge examinations and practical assessments in locations different from the paragraph (b) locations in accordance with a control procedure specified in the MTOE. Such locations need not be listed in the MTOE.

(d) 1. The MTO may subcontract the conduct of basic theoretical training, type training and related examinations to a non MTO only when under the control of the MTO quality system.

2. TO BE DEVELOPED

3. The subcontracting of type training and examination is limited to powerplant, avionic systems, armaments, escape systems and other relevant military-specific systems.

(e) An organisation shall not be approved to conduct examinations unless approved to conduct training.

147.A.150 Changes to the Maintenance Training Organisation

- (a) The MTO shall notify the NMAA of any proposed changes to the organisation that affect the approval before any such change takes place, in order to enable the NMAA to determine continued compliance with this EMAR and to amend if necessary the MTO approval certificate.
- (b) The NMAA may prescribe the conditions under which the MTO may operate during such changes unless the NMAA determines that the MTO approval must be suspended.
- (c) Failure to inform the NMAA of such changes may result in suspension or revocation of the MTO approval certificate backdated to the actual date of the changes.

147.A.155 Continued validity of approval

- (a) An approval shall be issued for an unlimited duration. It shall remain valid subject to:
 - 1. The MTO remaining in compliance with this EMAR, in accordance with the provisions related to the handling of findings as specified under [EMAR 147.B.130](#); and
 - 2. The NMAA being granted access to the MTO to determine continued compliance with this EMAR; and
 - 3. The certificate not being surrendered or revoked.
- (b) Upon surrender or revocation, the approval shall be returned to the NMAA.

147.A.160 Findings of non-compliance

- (a) A level 1 finding is one or more of the following:
 - 1. Any significant non-compliance with the examination process which would invalidate the examination(s),
 - 2. Failure to give the NMAA access to the MTO's facilities during normal operating hours after two written requests,
 - 3. The lack of an accountable manager,
 - 4. A significant non-compliance with the training process.
- (b) A level 2 finding is any non-compliance with the training process other than level 1 finding.
- (c) After receipt of notification of findings according to [EMAR 147.B.130](#), the holder of the MTO approval shall define a corrective action plan and demonstrate corrective action to the satisfaction of the NMAA within a period agreed with this authority.

SUBPART C - THE APPROVED BASIC TRAINING COURSE

147.A.200 The approved basic training course

- (a) The approved basic training course shall consist of knowledge training, knowledge examination, practical training and a practical assessment.
- (b) The knowledge training element shall cover the subject matter for a category A, B1, B2 and B mil or subcategory military aircraft maintenance licence as specified in EMAR 66.
- (c) The knowledge examination element shall cover a representative cross section of subject matter from the paragraph (b) training element.
- (d) The practical training element shall cover the practical use of common tooling/equipment, the disassembly/assembly of a representative selection of aircraft parts and the participation in representative maintenance activities being carried out relevant to the particular EMAR 66 complete module.
- (e) The practical assessment element shall cover the practical training and determine whether the student is competent at using tools and equipment and working in accordance with maintenance manuals.
- (f) The duration of basic training courses shall be in accordance with EMAR 66.
- (g) The duration of conversion courses between (sub)categories shall be determined through an assessment of the basic training syllabus and the related practical training needs.

147.A.205 Basic knowledge examinations

Basic knowledge examinations shall:

- (a) Be in accordance with the standard defined in EMAR 66.
- (b) Be conducted without the use of training notes.
- (c) Cover a representative cross section of subjects from the particular module of training completed in accordance with EMAR 66.

147.A.210 Basic practical assessment

- (a) Basic practical assessments shall be carried out during the basic maintenance training course by the nominated practical assessors at the completion of each visit period to the practical workshops/maintenance facility.
- (b) The student shall achieve an assessed pass with respect to [EMAR 147.A.200\(e\)](#).

SUBPART D - AIRCRAFT TYPE/TASK TRAINING

147.A.300 Aircraft type/task training

An MTO shall be approved to carry out EMAR 66 aircraft type and/or task training or part thereof, subject to compliance with the standard specified in EMAR 66.

147.A.305 Aircraft type examinations and task assessments

An MTO approved in accordance with [EMAR 147.A.300](#) to conduct aircraft type training or part thereof, shall conduct the related aircraft type examinations or aircraft task assessments specified in EMAR 66 subject to compliance with the aircraft type and/or task standard specified in EMAR 66.

SECTION B

PROCEDURE FOR NATIONAL MILITARY AIRWORTHINESS AUTHORITIES

SUBPART A - GENERAL

147.B.05 Scope

This section establishes the administrative procedures which the NMAA shall follow when exercising its tasks and responsibilities regarding issuance, continuation, change, suspension or revocation of MTO approvals in accordance with the requirements of EMAR 147.

147.B.10 Competent Authority

(a) General

The participating Member States (pMS) shall designate their NMAA with allocated responsibilities for the issuance, continuation, change, suspension or revocation of a MTO approval. This NMAA shall establish documented procedures and an organisational structure.

(b) Resources

The NMAA shall be appropriately staffed to carry out the requirements as detailed in this section.

(c) Qualification and training

All staff involved in EMAR 147 approvals shall:

1. Be appropriately qualified and have all necessary knowledge, experience and training to perform their allocated tasks.
2. Have received training/continuation training on EMAR 147 and EMAR 66 where relevant, including its intended meaning and standard.

(d). Procedures

The NMAA shall establish procedures detailing how compliance with this Section B is accomplished.

The procedures shall be reviewed and amended to ensure continued compliance.

147.B.15 Acceptable means of compliance

The MAWA Forum shall ensure the development of Acceptable Means of Compliance that the NMAA could use to establish compliance with this EMAR. When the Acceptable Means of Compliance are complied with, the related requirements of this EMAR shall be considered as met.

147.B.20 Record-keeping

(a) The NMAA shall establish a system of record-keeping with minimum retention criteria that allows adequate traceability of the process to issue, continue, change, suspend or revoke each individual organisation approval.

(b) The records shall include as a minimum:

1. The application for an organisation approval, including the continuation thereof.
2. The NMAA continued oversight program including all audit records.
3. A copy of the organisation approval certificate including any change thereto.
4. A copy of the audit program listing the dates when audits are due and when audits were carried out.
5. Copies of all formal correspondence including EMAR Form 4 or equivalent.
6. Details of any exemption and enforcement action(s).
7. Any other NMAA audit report forms.
8. The MTOE and its amendments.

(c) The minimum retention period for the above records shall be four years.

(d) The NMAA may elect to use either a paper or computer system or any combination of both subject to appropriate controls.

147.B.25 Exemptions

(a) The NMAA may exempt State Schools from the following:

1. NOT USED.
2. NOT USED
3. Having recourse to the independent audit part of a quality system subject to the operating of an independent schools inspectorate to audit the MTO at the frequency required by this EMAR.

(b) All exemptions accepted shall be recorded and retained by the NMAA.

SUBPART B - ISSUE OF AN APPROVAL

This Subpart provides the requirements to issue or change an MTO approval.

147.B.100 NOT USED

147.B.105 NOT USED

147.B.110 Procedure for approval and changes to an approval

(a) Upon receipt of an application, the NMAA shall:

1. Review the MTOE; and
2. Verify the MTO's compliance with the requirements of EMAR 147.

(b) All findings identified shall be recorded and confirmed in writing to the applicant.

(c) All findings shall be closed in accordance with point [EMAR 147.B.130](#) before the approval is issued.

(d) The reference number shall be included on the approval certificate in a manner specified by the NMAA.

147.B.115 DELETED

147.B.120 Continued validity procedure

(a) Each MTO shall be audited for compliance with this EMAR at periods not exceeding 24 months.

(b) Findings shall be processed in accordance with [EMAR 147.B.130](#).

147.B.125 Maintenance Training Organisation approval certificate

The MTO approval certificate format shall be as detailed in Appendix II.

147.B.130 Findings

(a) Failure to complete the rectification of any level 1 finding within three days of written notification shall entail revocation, suspension or limitation by the NMAA, of the MTO approval in whole or in part.

(b) Action shall be taken by the NMAA to revoke, limit or suspend in whole or part the approval in case of failure to comply within the time scale granted by the NMAA in the case of a level 2 finding.

**SUBPART C - REVOCATION, SUSPENSION AND LIMITATION OF THE
MAINTENANCE TRAINING ORGANISATION APPROVAL**

**147.B.200 Revocation, suspension and limitation of the Maintenance Training
Organisation approval**

The NMAA shall:

- (a) Suspend an approval on reasonable grounds in the case of potential safety threat; or
- (b) Suspend, revoke or limit an approval pursuant to [EMAR 147.B.130](#).

Appendix I - Basic Training Course Duration

Minimum duration of complete basic courses

1. NOT USED (TO BE DEVELOPED IN EMAR 66)

Appendix II – Maintenance Training Organisation Approval

Maintenance Training Organisation Approval referred to in EMAR 147 — EMAR Form 11

**NMAA
MAINTENANCE TRAINING ORGANISATION
APPROVAL CERTIFICATE**

Reference:

Pursuant to national regulation for the time being in force and subject to the conditions specified below, the NMAA hereby certifies:

[NAME AND MAINTENANCE TRAINING ORGANISATION ADDRESS]

as an EMAR 147 Maintenance Training Organisation approved to provide training and conduct examinations listed in the attached approval schedule and issue related certificates of recognition to students using the above references.

CONDITIONS

1. This approval is limited to that specified in the scope of work section of the approved Maintenance Training Organisation Exposition as referred to in the Section A of EMAR 147, and
2. This approval requires compliance with the procedures specified in the EMAR 147 approved Maintenance Training Organisation Exposition, and
3. This approval is valid whilst the approved Maintenance Training Organisation remains in compliance with EMAR 147.
4. Subject to compliance with the forgoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue:

Date of this revision:

Revision No:

Signed:

For the NMAA

EMAR Form 11 (issue EMAR 147 Edition 0.2)

EMAR 147 - AIRCRAFT MAINTENANCE TRAINING ORGANISATIONS

MAINTENANCE TRAINING ORGANISATION APPROVAL SCHEDULE

Reference:

Organisation name: [MAINTENANCE TRAINING ORGANISATION]

CLASS	CATEGORY	LIMITATION	
BASIC	B1	TB 1.1	AEROPLANES TURBINE
		TB 1.2	AEROPLANES PISTON
		TB 1.3	HELICOPTERS TURBINE
		TB 1.4	HELICOPTERS PISTON
	B2	TB2	AVIONICS
	B MIL	TB MIL	MILITARY SPECIFIC SYSTEMS
	A	TA 1	AEROPLANES TURBINE
		TA 2	AEROPLANES PISTON
		TA 3	HELICOPTERS TURBINE
		TA 4	HELICOPTERS PISTON
TYPE/TASK	C	T4	[Quote aircraft type]
	B1	T1	[Quote aircraft type]
	B2	T2	[Quote aircraft type]
	B MIL	T MIL	[Quote aircraft type]
	A	T3	[Quote aircraft type]

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This approval schedule is limited to the training and examinations specified in the scope of work of the approved Maintenance Training Organisation Exposition as referred to in section A of EMAR 147.

MTOE Reference:

Date of issue:

Date of last revision approved:

Revision No:

Signed:

For the NMAA:

EMAR Form 11 (issue EMAR 147 Edition 0.2)

Appendix III - Examples of Training Certificates

CERTIFICATE OF RECOGNITION

EMAR 147 APPROVED BASIC TRAINING COURSE OR BASIC EXAMINATION

This Certificate of Recognition is issued to

NAME

DATE, PLACE OF BIRTH

By [MTO Name](may be pre-printed)

an organisation approved to the requirements of EMAR 147 by

(may be pre-printed).....

approval reference

This certificate confirms that the above named person either successfully passed the approved basic training course or the basic examination stated below

SPECIFY BASIC TRAINING COURSE or BASIC EXAMINATION AND DATE
COMPLETED or PASSED

Signed: Certificate N°:

For (may be pre-printed):..... Date:

Type training certificate

The EMAR 147 training certificate as detailed below may be used for recognition of completion of either the theoretical element or the practical element or both the theoretical and practical elements.

The appropriate references should be deleted as applicable and the course type box should detail whether only the theoretical elements were covered or whether theoretical and practical elements were covered.

The training certificate shall clearly identify if the course is a complete course or a reduced course based upon the applicant previous experience (e.g. A400M course for C295M technicians)

EMAR 147 - AIRCRAFT MAINTENANCE TRAINING ORGANISATIONS

CERTIFICATE OF RECOGNITION

EMAR 147 APPROVED AIRCRAFT TYPE MAINTENANCE TRAINING COURSE OR AIRCRAFT TYPE EXAMINATION

This Certificate of Recognition covers the theoretical/practical elements of the type training course (delete as appropriate) and is issued to:

NAME

Date, place of birth

By [MTO Name] (may be pre-printed)

an organisation approved to the requirements of EMAR 147 by

(may be pre-printed).....

approval reference

This certificate confirms that the above named person either successfully passed the approved aircraft type maintenance training course or aircraft type examination stated below

SPECIFY AIRCRAFT TYPE COURSE or AIRCRAFT TYPE EXAMINATION AND
DATE COMPLETED or PASSED

SPECIFY WHETHER TRAINING COVERED EMAR 147 THEORETICAL
ELEMENTS ONLY or THEORETICAL AND PRACTICAL ELEMENTS

Signed: Certificate N°:

For (may be pre-printed): Date: