



THE NETHERLANDS MILITARY AVIATION REGULATIONS

NLD-MAR-147

AIRCRAFT MAINTENANCE TRAINING ORGANISATIONS

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**MILITARY AVIATION AUTHORITY
THE NETHERLANDS (MAA-NLD)**

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NLD-MAR-147 - AIRCRAFT MAINTENANCE TRAINING ORGANISATIONS

NOTES:

1. This NLD-MAR-147 document is a derivative of EMAR 147, version 1.1, and remains as close as is possible to the original text. The Safety Management System based on ICAO Annex 19 is incorporated in this NLD-MAR-147 document.
2. Future amended paragraphs from this NLD-MAR-147 will be indicated by using a 'sidebar' in the margin.
3. This NLD-MAR relies on definitions laid down in NLD-MAD-1. The Forms referred to in this document are published on the MAA-NLD Intranet and Internet sites.
4. Unless specified otherwise in the text, all references to 'Maintenance Training Organisation' (MTO) within this document are to be understood to mean a MTO that already has an NLD-MAR-147 approval and a MTO that is seeking an NLD-MAR-147 approval.

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SECTION A

TECHNICAL REQUIREMENTS

SUBPART A – GENERAL

147.A.05 Scope

(a) This section establishes the requirements to be met by an Organisation seeking approval as a Maintenance Training Organisation (MTO) to conduct training and examination as specified in NLD-MAR-66.

(b) This version of the NLD-MAR-147 regulation shall enter into force as of 1 January 2021.

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 on a form and in a manner established by the Military Aviation Authority of The Netherlands (MAA-NLD).

(b) An application for or for the change to an approval shall include a Maintenance Training Organisation Exposition (MTOE) in accordance with NLD-MAR-147.A.140 and a self-evaluation.

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 MAA-NLD shall require access to any such contracted organisation and the written agreement shall specify this access.
- (e) In the case of a Military Aircraft Type Training course, access shall be provided to appropriate facilities containing examples of aircraft type as specified in NLD-MAR-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 NLD-MAR-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 NLD-MAR-147. The Accountable Manager shall:

1. Ensure that all necessary resources are available to accomplish training commitments in accordance with NLD-MAR-147.A.130 (b) to support the organisation approval.
2. Establish and promote the quality and safety policy specified in NLD-MAR-147.A.130(a) and NLD-MAR-147.A.132(b).
3. Demonstrate a basic understanding of this NLD-MAR.

(b) A person or group of persons, whose responsibilities include ensuring that the MTO is in compliance with the requirements of this NLD-MAR, 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 organisations 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 MAA-NLD or in accordance with a procedure and to a standard agreed by the MAA-NLD.

(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 NLD-MAR-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 NLD-MAR-147.A.100(d) shall have an appropriate selection of aircraft, engines, aircraft parts, avionic equipment, armaments, escape systems and other relevant military-specific systems.

(d) The Military Aircraft Type Training organisation as specified in NLD-MAR-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 NLD-MAR-66 for the relevant Military Aircraft Maintenance Licence (MAML) category or subcategory; and
2. The type course content required by NLD-MAR-66 for the relevant aircraft type and MAML category or subcategory.

(b) Students shall have access to examples of maintenance documentation and technical information in the library as specified in NLD-MAR-147.A.100(i).

147.A.125 Records of students

The MTO shall keep all student training, examination and assessment records for an unlimited period.

147.A.130 Quality policy, training procedures and quality system.

(a) The MTO shall establish a quality policy for the MTO to be included in the MTOE under NLD-MAR-147.A.140.

(b) The MTO shall establish procedures acceptable to the MAA-NLD to ensure proper training standards and compliance with all relevant requirements in this NLD-MAR.

(c) 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 NLD-MAR-147.A.105(a) to ensure, as necessary, preventive and corrective actions.

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(d) The MTO shall ensure that its personnel have access to quality system documentation and are knowledgeable of procedures relevant to their function.

(e) Where an organisation has several NLD-MAR approvals, the quality systems may be combined.

147.A.132 Safety Management System (SMS)

(a) The MTO shall establish and maintain a Safety Management System (SMS) with a mature level that is acceptable to the MAA-NLD.

(b) This SMS shall include the key components:

1. Safety policy and objectives;
2. Safety risk management;
3. Safety assurance;
4. Safety promotion.

(c) Regarding safety policy and objectives, the SMS shall contain the following elements:

1. Management commitment and responsibility.

i. The MTO shall define the organisations safety policy which shall be in accordance with international and national requirements, and which shall be signed by the accountable executive of the organisation.

ii. The safety policy shall reflect organisational commitments regarding safety; shall include a clear statement about the provision of the necessary resources for the implementation of the safety policy; and shall be communicated, with visible endorsement, throughout the organisation.

iii. The safety policy shall include the safety reporting procedures; shall clearly indicate which types of operational behaviours are unacceptable; and shall include the conditions under which disciplinary action would not apply.

iv. The safety policy shall be periodically reviewed to ensure it remains relevant and appropriate to the organisation.

2. Safety accountabilities.

i. The MTO shall identify the accountable executive who, irrespective of other functions, shall have ultimate responsibility and accountability, on behalf of the organisation, for the implementation and maintenance of the SMS.

ii. The MTO shall also identify the accountabilities of all members of management, irrespective of other functions, as well as of employees, with respect to the safety performance of the SMS.

iii. Safety responsibilities, accountabilities and authorities shall be documented and communicated throughout the organisation, and shall include a definition of the levels of management with authority to make decisions regarding safety risk tolerability.

3. Appointment of key safety personnel.

The MTO shall identify a safety manager to be the responsible individual and focal point for the implementation and maintenance of an effective SMS.

4. Coordination of emergency response planning.

The MTO shall ensure that an emergency response plan that provides for the orderly and efficient transition from normal to emergency operations and the return to normal operations is properly coordinated with the emergency response plans of those organisations it must interface with during the provision of its services.

5. SMS documentation.

i. The MTO shall develop an SMS implementation plan, endorsed by senior management of the organisation, that defines the organisations approach to the management of safety in a manner that meets the organisations safety objectives.

ii. The MTO shall develop and maintain SMS documentation describing the safety policy and objectives, the SMS requirements, the SMS processes and procedures, the accountabilities, responsibilities and authorities for processes and procedures, and the SMS outputs.

iii. Also as part of the SMS documentation, the MTO shall develop and maintain a MTOE under NLD-MAR-147.A.140, to communicate its approach to the management of safety throughout the organisation.

(d) Regarding safety risk management, the SMS shall contain the following elements:

1. Hazard identification.

i. The MTO shall develop and maintain a formal process that ensures that hazards in operations are identified.

ii. Hazard identification shall be based on a combination of reactive, proactive and predictive methods.

2. Safety risk assessment and mitigation.

The MTO shall develop and maintain a formal process that ensures analysis, assessment and control of the safety risks associated with identified hazards.

(e) Regarding safety assurance, the SMS shall contain the following elements:

1. Safety performance monitoring and measurement.

i. The MTO shall develop and maintain the means to verify the safety performance of the organisation and to validate the effectiveness of safety risk controls.

ii. The safety performance of the organisation shall be verified in reference to the safety performance indicators and safety performance targets of the SMS.

2. The management of change.

The MTO shall develop and maintain a formal process to identify changes within the organisation which may affect established processes and services; to describe the arrangements to ensure safety performance before implementing changes; and to eliminate or modify safety risk controls that are no longer needed or effective due to changes in the operational environment.

3. Continuous improvement of the SMS.

The service provider shall monitor and assess the effectiveness of its SMS processes to enable continuous improvement of the overall performance of the SMS.

(f) Regarding safety promotion, the SMS shall contain the following elements:

1. Training and education.

i. The MTO shall develop and maintain a safety training programme that ensures that personnel are trained and competent to perform the SMS duties.

ii. The scope of the safety training shall be appropriate to each individual's involvement in the SMS.

2. Safety communication.

The MTO shall develop and maintain formal means for safety communication that ensures that all personnel are fully aware of the SMS, conveys safety-critical information, and explains why particular safety actions are taken and why safety procedures are introduced or changed.

(g) Where an organisation has several NLD-MAR approvals, the SMSs may be combined.

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 MAA-NLD approves otherwise. The MAA-NLD 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 MAA-NLD shall be informed of any such occurrence within one calendar month.

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

(a) The MTO shall provide a Maintenance Training Organisation Exposition (MTOE) 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 referred associated manuals define the MTO's compliance with this NLD-MAR and shall be complied with at all times. When the Accountable Manager is neither the Chief Executive Officer nor the senior military commander of the MTO then one of the latter shall countersign the statement.
2. The MTO's quality and safety policy as specified by NLD-MAR-147.A.130 and NLD-MAR-147.A.132.
3. The title(s) and name(s) of the person(s) nominated in accordance with NLD-MAR-147.A.105(b).
4. The duties and responsibilities of the person(s) specified in subparagraph (a)3, including matters on which they may deal directly with the MAA-NLD on behalf of the MTO.
5. An MTO chart showing associated lines of responsibility of the person(s) specified in subparagraph (a)3.
6. A list of the instructors, knowledge examiners and practical assessors.
7. 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 NLD-MAR-147.A.145(b).
8. A list and details of the maintenance training courses which form the extent of the approval.
9. The MTO's exposition amendment procedure.
10. The MTO's procedures, as required by NLD-MAR-147.A.130(b).
11. The MTO's control procedure, as required by NLD-MAR-147.A.145(c), when authorised to conduct training, examination and assessments in locations different from those specified in NLD-MAR-147.A.145(b).
12. A list of the locations pursuant to NLD-MAR-147.A.145(b).
13. A list of organisations, if appropriate, as specified in NLD-MAR-147.A.145(d).

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

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

(d) Where an MTO has an extant EASA Part 147 approval, those parts of the organisations EASA Part 147 exposition that are equally applicable to satisfy the NLD-MAR-147 requirements will generally be accepted by the MAA-NLD as equivalent in respect of the NLD-MAR-147 exposition. In this case it is permissible that only those regulations that are military specific need be addressed in the NLD-MAR-147 exposition; those regulations

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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 NLD-MAR-66 syllabus, or part thereof.
2. Aircraft type training courses in accordance with NLD-MAR-66.
3. The examinations on behalf of the MAA-NLD, including the examination of students who did not attend the basic training course at the MTO.
4. The issue of certificates in accordance with Appendix III following successful completion of the approved basic or Military 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, Military Aircraft Type Training and related examinations to a non MTO only when under the control of the MTO quality system.

2. The subcontracting of basic theoretical training and examination is limited to NLD-MAR-66 Appendix I modules 1, 2, 3, 4, 5, 6, 8, 9 and 10.

3. The subcontracting of Military Aircraft Type Training and examination is limited to powerplant, avionics systems, armaments, escape systems and other relevant military-specific systems.

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

(f) NOT APPLICABLE.

147.A.150 Changes to the Maintenance Training Organisation

(a) The MTO shall notify the MAA-NLD of any proposed changes to the organisation that affect the approval before any such change takes place, in order to enable the MAA-NLD to determine continued compliance with this NLD-MAR and to amend if necessary the MTO approval certificate.

(b) The MAA-NLD may prescribe the conditions under which the MTO may operate during such changes unless the MAA-NLD determines that the MTO approval must be suspended.

(c) Failure to inform the MAA-NLD 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 NLD-MAR, in accordance with the provisions related to the handling of findings as specified under NLD-MAR-147.B.130; and
2. The MAA-NLD being granted access to the MTO to determine continued compliance with this NLD-MAR; and
3. The certificate not being surrendered or revoked.

(b) Upon surrender or revocation, the approval shall be returned to the MAA-NLD.

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 MAA-NLD 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 NLD-MAR-147.B.130, the holder of the MTO approval shall:

1. Identify the root cause of the non-compliance; and
2. Define a corrective action plan; and
3. Demonstrate corrective action implementation to the satisfaction of the MAA-NLD within a period agreed with the MAA-NLD.

SUBPART C – 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 all subjects of the relevant military aircraft maintenance licence category as specified in NLD-MAR-66.
- (c) The knowledge examination element shall cover a representative cross section of all subjects 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 NLD-MAR-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 Appendix I.
- (g) The duration of conversion courses between (sub)categories shall be determined by the MTO 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 NLD-MAR-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 NLD-MAR-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 NLD-MAR-147.A.200(e).

SUBPART D – MILITARY AIRCRAFT TYPE TRAINING

147.A.300 Military Aircraft Type Training

An MTO shall be approved to carry out NLD-MAR-66 Military Aircraft Type Training, subject to compliance with the standard specified in NLD-MAR-66.A.45.

147.A.305 Aircraft type examinations and practical assessments

An MTO approved in accordance with NLD-MAR-147.A.300 to conduct Military Aircraft Type Training, shall conduct the related aircraft type examinations specified in NLD-MAR-66 subject to compliance with the standard specified in NLD-MAR-66.A.45.

SECTION B

PROCEDURES FOR THE MILITARY AVIATION AUTHORITY THE NETHERLANDS

SUBPART A – GENERAL

147.B.05 Scope

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

147.B.10 Military Aviation Authority The Netherlands

(a) General

The MAA-NLD is the designated authority for this NLD-MAR for the issuance, continuation, change, suspension or revocation of a MTO approval. The MAA-NLD shall establish documented procedures and an organisational structure.

(b) Resources

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

(c) Qualification and training

All staff involved in NLD-MAR-147 approvals shall:

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

(d) Procedures

The MAA-NLD 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.20 Record-keeping

(a) The MAA-NLD 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 MTO approval.

(b) The records shall include as a minimum:

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

(c) The minimum retention period for the above records shall be 4 years.

(d) The records shall be stored in a manner that ensures protection from damage, alteration and theft. The records shall remain readable and accessible for the duration of the storage period.

147.B.25 Exemptions

(a) The MAA-NLD may exempt State Schools from the following:

1. NOT APPLICABLE.
2. NOT APPLICABLE.
3. Having recourse to the independent audit part of a quality and safety system subject to the operating of an independent schools inspectorate to audit the MTO at the frequency required by this NLD-MAR.

(b) All exemptions accepted shall be recorded and retained by the MAA-NLD.

SUBPART B – ISSUE OF AN APPROVAL

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

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

- (a) Upon receipt of an application, the MAA-NLD shall:
 - 1. Review the MTOE; and
 - 2. Verify the MTO's compliance with the requirements of NLD-MAR-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 NLD-MAR-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 MAA-NLD.

147.B.120 Continued validity procedure

- (a) Each MTO shall be audited for compliance with this NLD-MAR at periods not exceeding 24 months. This shall include the monitoring of at least one training course and one examination performed by the MTO.
- (b) Findings shall be processed in accordance with NLD-MAR-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 MAA-NLD, of the MTO approval in whole or in part.
- (b) Action shall be taken by the MAA-NLD to revoke, limit or suspend in whole or part the MTO approval in case of failure to comply within the time scale granted by the MAA-NLD in the case of a level 2 finding.

SUBPART C – CONTINUING AIRWORTHINESS

147.B.200 Revocation, suspension and limitation of the MTO approval

The MAA-NLD 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 NLD-MAR-147.B.130.

FINAL CLAUSES

- (a) This ruling is known as: NLD-MAR-147.
- (b) An announcement regarding this ruling will be published in the State paper (Staatscourant) and this ruling will be included in the Ministerial Publications.

The Hague, 13 December 2019

For the Minister of Defence,
The Director Military Aviation Authority,



J.P. Apon
Air Commodore

Appendix I – Basic Training Course Duration

The minimum duration of a complete basic training course shall be as follows:

Basic Course	Duration (in hours)	Theoretical training ratio (in %)
A1	800	30 to 35
A2	650	30 to 35
A3	800	30 to 35
A4	800	30 to 35
B1.1	2 400	50 to 60
B1.2	2 000	50 to 60
B1.3	2 400	50 to 60
B1.4	2 400	50 to 60
B2	2 400	50 to 60

Appendix II – Maintenance Training Organisation Approval

NLD-MAR Form 11 is published on the MAA-NLD Intranet and Internet sites.

Appendix III – Examples of Training Certificates

1. Basic Training/Examination

The information contained within the example of a basic training certificate detailed below is to be used for recognition of completion of either the basic training, the basic examination or both the basic training and basic training examinations.

A training certificate shall clearly identify each individual module or sub-module examination by date passed together with the corresponding version of Appendix I to NLD-MAR-66.

CERTIFICATE OF RECOGNITION

NLD-MAR-147 APPROVED BASIC TRAINING COURSE OR BASIC EXAMINATION

This Certificate of Recognition is issued to:

[FULL NAME]

[DATE AND PLACE OF BIRTH]

By:

[MTO NAME AND ADDRESS]

NLD-MAR-147 APPROVAL REFERENCE

a Maintenance Training Organisation approved to provide training and conduct examinations within its approval schedule and in accordance with the requirements of NLD-MAR-147.

This certificate confirms that the above named person either successfully passed the approved basic training course(*) and/or the basic examination(*) stated below in compliance with the NLD-MAR-66 and NLD-MAR-147 requirements:

[BASIC TRAINING COURSE(*)] AND/OR [BASIC EXAMINATION(*)]

[LIST OF NLD-MAR-66 MODULES/ SUB MODULES/DATE OF EXAMINATION PASSED]

Certificate Number :

Date : dd-mm-yyyy

Signed :

For : [MTO Name]

(*) – delete as appropriate

NLD-MAR-147 - AIRCRAFT MAINTENANCE TRAINING ORGANISATIONS

2. Military Aircraft Type Training

The information contained within the example of a Military Aircraft Type Training certificate as detailed below is to be used for recognition of completion of either the theoretical elements, the practical elements or both the theoretical and practical elements of the Military Aircraft Type Rating training course.

The appropriate references shall be deleted as applicable and the course type box shall detail whether only the theoretical elements or the practical 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 partial course (such as an airframe or powerplant or avionic/electrical or military specific systems only) or a difference course based upon the applicant's previous experience (e.g. A400M course for A330M technicians). If the course is not a complete one, the certificate shall identify whether the interface areas have been covered or not.

CERTIFICATE OF RECOGNITION

NLD-MAR-147 APPROVED MILITARY AIRCRAFT TYPE TRAINING COURSE

This Certificate of Recognition is issued to:

[FULL NAME]

[DATE AND PLACE OF BIRTH]

By:

[MTO NAME AND ADDRESS]

NLD-MAR-147 APPROVAL REFERENCE

a Maintenance Training Organisation approved to provide training and conduct examinations within its approval schedule and in accordance with the requirements of NLD-MAR-147.

This certificate confirms that the above named person either successfully passed the theoretical (*) and/or practical (*) elements of the approved Military Aircraft Type Training course stated below and the related examinations in compliance with the NLD-MAR-66 and NLD-MAR-147 requirements.

[MILITARY AIRCRAFT TYPE TRAINING COURSE(*)]

[START AND END DATES]

[SPECIFY THEORETICAL ELEMENTS OR PRACTICAL ELEMENTS]

Certificate Number :

Date : dd-mm-yyyy

Signed :

For : [MTO Name]

(*) – delete as appropriate