



# Proposed amendments to Annex IV (Part-147) to UK Regulation (EU) 1321/2014 Continuing Airworthiness Requirements

Consultation proposal under Rulemaking Task 0201 – Part 66 and  
Part 147 Regulation Rule and Associated AMC and GM change

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## Key

Highlighted grey – new text.

Strikethrough – to be deleted. In red where strikethrough is not obvious.

Blue text – Editorial note or intent of proposed amendment.

## Annex IV (Part-147)

## SECTION A - TECHNICAL REQUIREMENTS

### Subpart A - General

## 147.A.05 Scope

This section establishes the requirements to be met by an organisations seeking approval to conduct training and examination to qualify for the issue or continuation of an approval for conducting training activities in support of issuance of an aircraft maintenance licence (AML) as specified in Annex III (Part-66).

### **0201.28 – Intent of proposed changes – 147.A.05**

Amended for clarity and to account for the overall rule change moving from listing out training activities and examinations to come under one term 'training activities'.

## 147.A.15 Application

(a) An application for an approval or for the change of an existing approval must be an approval certificate or a change to an existing approval certificate in accordance with this Annex must be made in ~~on~~ a form and ~~in~~ a manner established by the CAA, taking into account the applicable requirements of this Annex.

(b) An application Applicants for an initial approval certificate pursuant to this Annex must provide the CAA with the following information, as applicable: ~~approval or change to an approval must include the following information:~~

1. the registered name and address of the applicant including the principal place of business;
2. ~~the address of the organisation requiring the approval or change to the approval~~ the locations in which the organisation performs its activities;
3. the ~~intended requested~~ scope of approval or change to the scope of approval;
4. the name and signature of the accountable manager;
5. the date of application.
6. the results of a pre-audit performed by the organisation against the applicable requirements established in this Annex;
7. documentation demonstrating how they will comply with the requirements established in this Annex.

### 0201.29 – Intent of proposed changes – 147.A.15

147.A.15 is amended for clarity and to add principal place of business, as this may be different from the registered business address.

The introduction of points 6 and 7 to support the introduction of the management system to align with the safety management systems required of other Annexes.

‘Approval certificate’ is added to replace ‘approval’ in places where the rule is referring to the contents of the certificate itself. This aligns with amendments to the other Annexes.

## 147.A.20 Terms of approval and scope of work

(a) The organisation's scope of work must be specified in the maintenance training organisation exposition in accordance with point 147.A.140.

(b) The organisation must comply with the terms of approval attached to the organisation approval certificate issued by the CAA, and with the scope of work specified in the maintenance training organisation exposition.

### 0201.30 – Intent of proposed changes – 147.A.20

This new rule builds on from the application in 147.A.15 by introducing the concept of the Maintenance training organisation exposition (MTOE) required and the scope of work that will be included within it.

## 147.A.25 Subcontracting

(a) The organisation must ensure that when subcontracting any part of its training activities:

- (1) training activities conform to the applicable requirements;
- (2) any hazard associated with such subcontracting is considered as part of the organisation's management system.

(b) If the organisation subcontracts any part of its training activities to another organisation, the subcontracted organisation must work under the scope of work of the subcontracting organisation.

### 0201.31 – Intent of proposed changes – 147.A.25

The intent of this proposed new rule is to eliminate or reduce examination cheating and fraud and conflict of interest within Part-147 organisations. This is intended to be achieved by ensuring that Part 147's take on the responsibility of ensuring that subcontractors adhere to the training requirements by maintaining a level of oversight of the work performed.

## Subpart B - Organisational Requirements

## 147.A.100 Facility requirements

- (a) The size and structure of facilities ~~mustshall~~ ensure protection from the prevailing weather elements and proper operation of all planned training activities. ~~and examination on any particular day.~~
- (b) Fully enclosed appropriate accommodation separate from other facilities ~~mustshall~~ be provided for the ~~instruction of theory~~ delivery of the theoretical training element and the conduct of knowledge examinations.
  - 1. The maximum number of students undergoing knowledge training during any training course must not exceed 28.
  - 2. The size of accommodation for examination purposes ~~mustshall~~ be such that no student can read the paperwork or computer screen of any other student from his/her position during examinations.
- (c) The point (b) accommodation environment ~~mustshall~~ 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~~ ~~W~~orkshops and/or maintenance facilities separate from training classrooms ~~mustshall~~ be provided for the practical training element instruction appropriate to the planned training course. If, however, the organisation 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 ~~mustshall~~ be made with such organisation specifying the conditions of access and use thereof. The CAA ~~mustshall~~ require access to any such contracted organisation and the written agreement ~~mustshall~~ specify this access.
- (e) ~~In the case of an~~ For aircraft type or/task training course, the organisation ~~mustshall~~ ensure that access, ~~mustshall~~ be provided to appropriate facilities containing examples of aircraft type as specified in point 147.A.115(d).
- (f) The maximum number of students undergoing practical training during any training course ~~mustshall~~ not exceed 15 per ~~supervisor~~ ~~instructor or assessor~~.
- (g) Office accommodation ~~mustshall~~ 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 ~~mustshall~~ be provided for examination ~~papers~~ and training records. The storage environment ~~mustshall~~ be such that documents remain in good condition for the retention period as specified in point 147.A.125. The storage facilities and office accommodation may be combined, subject to adequate security.

Storage facilities including the exam question database must be operated and maintained in a manner that ensures protection from unauthorised access, damage, alteration, and theft.

(i) A library ~~must shall~~ be provided containing all technical material appropriate to the scope and level of training undertaken.

(j) By derogation from points (a) and (b) in the case of distance learning performed at a location where the organisation approved under this Annex has no direct control over the environment where the student is located, the organisation approved under this Annex must brief the student and raise their awareness regarding the suitability of their learning location. Where the approved organisation has concerns over the suitability of the environment, they ~~must monitor the situation or request the student move to a more suitable environment.~~

This derogation applies only to the training element and not to the corresponding examination and/or assessment element.

#### **0201.32 – Intent of proposed changes – 147.A.100**

Point (a) and (b) have some small corrections to keep consistency with the changes to terminology throughout Part 147 and Part 66. This includes moving towards the use of 'theoretical training element' rather than 'theory'.

Point (f) is amended to align with the move from supervisor to instructor.

Point (h) is amended by removing 'papers' to account for exams delivered digitally rather than on physical paper.

The new sentence at the end of point (h) is proposed in consultation with cyber security to ensure that the exam database is protected for security breaches. This is a further requirement to GDPR as this considers the database of questions and exam papers prior to completion of an exam which would not come under GDPR requirements.

The introduction of a new point (j) is to exempt the training organisation from complying with the requirements in points (a), (d) and (f) of 147.A.100 in the case of distance learning, as these requirements are intended for the instructions performed at the training facilities and do not apply to distance learning where the training organisation has no control over the environment in which the student is located during the training. The exemptions provided are only

applicable to the training and must not be applied to the examination and the assessment. Prior to commencing any distance learning course, the training organisation is required to brief the student and raise their awareness about the suitability of their learning location.

## 147.A.105 Personnel Requirements

(a) ~~The organisation shall appoint an accountable manager who has corporate authority for ensuring that all training commitments can be financed and carried out to the standard required by this Part.~~

The organisation must appoint an accountable manager that has corporate authority to ensure that all training activities of the organisation can be financed and carried out in accordance with UK Regulation (EU) 2018/1139 and its delegated and implementing acts. The accountable manager must:

1. ensure that all necessary resources are available to accomplish training in accordance with this Annex and Annex III (Part-66), as applicable, to support the organisation approval certificate;
2. establish and promote the management policy specified in point 147.A.110(a)(2);
3. demonstrate a basic understanding of this Annex and Annex III (Part-66).

(b) The accountable manager must nominate a person or group of persons representing the management structure for the training functions and with the responsibility to ensure that the organisation works in accordance with the exposition and approved procedures.

(c) The accountable manager must nominate a compliance manager with the responsibility to monitor the compliance of the organisation and ensure compliance of the management system of the organisation.

(d) The persons nominated in accordance with points (b) and (c) must have a responsibility and direct access to the accountable manager in order to properly inform on organisational and compliance matters. Such persons must apply to the CAA and, on acceptance by the CAA, such persons must be included in the exposition. It must be made clear in the procedures who deputises for a particular person in the case of lengthy absence of that person.

(e) The persons nominated in accordance with points (b) and (c) must be able to demonstrate relevant knowledge, background, and satisfactory experience related to training activities and demonstrate a working knowledge of this Annex and Annex III (Part 66).

(ef) The maintenance training organisation ~~must~~~~shall~~ ensure it has ~~contract~~ sufficient staff personnel to plan, perform, supervise, audit and monitor knowledge and practical training, conduct knowledge examinations and practical assessments training activities in accordance with the terms of the approval. In addition, the organisation must have a procedure to reassess the work intended to be carried out when the actual personnel availability is reduced.

(gd) ~~By derogation to point (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. When external persons are used to provide training activities, the organisation must ensure that the persons acting as the organisation's personnel meet the experience and qualification requirements of point (e) and (i), as applicable.~~

(he) ~~Any person Personnel involved in training activities may carry out any combination of the roles of instructor, examiner and assessor, subject to compliance with point (if).~~

(fi) ~~The experience and qualifications of instructors, knowledge examiners and practical assessors shall be established in accordance with criteria published or in accordance with a procedure and to a standard agreed by the CAA. The organisation must establish, control, and assess the competency of the personnel involved in any training activities and compliance activities in accordance with a procedure and to a standard agreed with the CAA. In addition to the necessary expertise related to the job function, the competency of the personnel must include an understanding of the organisation's procedures, training principles and techniques, training methods and tools, language in which a particular training activity is carried out, as appropriate to their function and responsibilities in the organisation.~~

(jg) ~~The knowledge organisation must ensure that examiners and practical assessors shall be are specified in, or included in a register referred to in, the maintenance training organisation exposition for the acceptance of such staff.~~

(kh) ~~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. The organisation must ensure that training personnel receive sufficient recurrent training in each 2-year period to ensure that they have up-to-date knowledge of the latest relevant training technologies, subject matter knowledge, organisation procedures, including human factors issues, and to ensure that they have sufficient practical experience, as applicable.~~

(li) ~~The organisation must issue training personnel with a personnel authorisation which specifies the scope of the training activities, and the fact that such personnel may only carry out training activities within the limitations stated in such authorisation. Such training authorisation must be issued under the responsibility of the compliance manager referred to in point (c), after compliance with points (i), (j), and (k) has been ensured. The authorisation must remain valid subject to the organisation remaining in compliance with points (i), (j), and (k).~~

#### **0201.33 – Intent of proposed changes – 147.A.105**

147.A.105 is proposed to be updated to introduce some of the requirements of the management system for the MTO to clearly identify the lines of responsibility and duty within the organisation, as well as to identify and define the main processes to be described by the organisation. This management system is similar to the

management systems referred to in other Annexes with the exception of the safety risk management component.

The proposed new points (i)-(l) introduce requirements for organisations to ensure the qualification and responsibilities of the organisation's personnel, including competence assessment and language requirements, and amendments to initial and recurrent training requirements for personnel.

This is a result of the increasing awareness of fraud and cheating within MTO's, notably in examinations.

This issue was raised by EASA in NPA 2023-10 as per the below, the survey conducted by EASA was done in 2016 when the UK was still part of EASA:

*A survey on the maintenance licensing and training system, launched by EASA at the end of 2016, highlighted shortcomings and areas of improvement for Annex IV (Part-147) to Commission Regulation (EU) No 1321/2014. The assessment of this survey led to an evaluation report issued in 2018.*

*The issues identified through the survey and that are addressed by the proposal in this NPA are:*

*(a) Impact on safety and the credibility of the maintenance training system due to fraud cases and, in some cases, cultural acceptance of cheating. The general feedback received by EASA indicates that most of the fraud cases reported occur in the examinations that are performed by MTOs outside their approved locations in general, and in particular when the examinations are performed outside the territory for which their authority is competent, which includes EU Member States, but also third countries. While it is very difficult to evaluate the real extent of the problem and to confirm the fraud cases themselves, the frequency of the feedback suggests that such occurrences are more than just isolated cases. In the notable case of fraud at the Hellenic Aviation Training Academy (HATA) MTO, Commission Decision (EU) 2016/23577 withdrew certain certificates of recognition (CofR) issued by this MTO, as well as the aircraft maintenance licences based upon these, leading also to the revocation of the MTO's approval (see 'related safety issue' below). This case is a noticeable example of the need for regulatory action to combat fraud.*

*(b) Requirement for an adequate level of knowledge of the language in which the training is delivered.*

The new 147.A.105(l) replaces current wording for 147.A.110 to bring the personnel requirements under one rule.

## 147.A.110 Records of instructors, examiners and assessors Management system

- (a) The organisation shall maintain a record of all instructors, knowledge examiners and practical assessors. 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.

(a) The organisation must establish and maintain a management system, including as a minimum:

- (1) clearly defined accountability and lines of responsibility throughout the organisation, including a direct accountability of the accountable manager;
- (2) a description of the overall philosophies and principles of the organisation with regard to management ('the management policy'), and the related objectives;
- (3) maintaining personnel trained and competent to perform their tasks;
- (4) documentation of all management system key processes, including a process for making personnel aware of their responsibilities and the procedure for amending that documentation
- (5) a function to monitor the compliance of the organisation with the relevant requirements. Compliance monitoring must include an independent auditing and a feedback system of findings to the accountable manager to ensure the effective implementation of corrective actions as necessary;
- (6) a reporting scheme to enable the collection of, evaluation of, and acting upon the voluntary or mandatory reports of fraudulent actions or any other violations of the organisation procedures undertaken within the training activities.

(b) The management system must correspond to the size of the organisation and the nature and complexity of its activities and must ensure an effective delivery of training activities.

(c) If the organisation holds one or more additional organisation approval certificates within the scope of UK Regulation (EU) 2018/1139, the management system may be integrated with that required under the additional approval certificate(s) held, subject to the approval of the CAA.

#### **0201.34 – Intent of proposed changes – 147.A.110**

New 147.A.105(l) replaces current wording for 147.A.110(a) and (b).

The new wording for 147.A.110 is proposed to introduce some of the requirements of the management system for the MTO to clearly identify lines of responsibilities and duties within the organisation, as well as to identify and define the main processes to be described by the organisation. This management system is similar to the management systems referred to in other Annexes with the exception of the safety risk management component.

This is a result of the increasing awareness of fraud and cheating within MTO's, notably in examinations. This issue was raised by EASA, see the intent of proposed changes for 147.A.105 for more information.

## 147.A.115 Instructional equipment

(a) Each classroom ~~must~~shall have appropriate presentation equipment of a standard that ensures students can easily read presentation text, drawings, ~~and~~diagrams and figures from any position in the classroom.

For virtual training environments, the training content must be designed in such a way to assist students in their understanding of the particular subject matter, ensuring that students can easily read presentation text, drawings, diagrams and figures.

~~The P~~resentation equipment ~~shall~~ may include representative ~~maintenance simulation~~ synthetic training devices (MSTDs) 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 point 147.A.100(ed) must have all tools and equipment necessary to ~~perform the approved scope of training~~ conduct training activities within the scope of work.

(c) The ~~basic training~~ workshops and/or maintenance facilities as specified in point 147.A.100(d) must have an appropriate selection of aircraft, engines, aircraft parts and avionic equipment.

(d) The ~~aircraft type training~~ organisation as specified in point 147.A.100(fe) must have access to the appropriate aircraft, as required by the scope of work ~~type~~. Synthetic training devices may be used when such synthetic training devices ensure adequate training standards.

### 0201.35 – Intent of proposed changes – 147.A.115

The new paragraph in point (a) introduces requirements for the design of the training content in a virtual training environment regarding content being understandable, in addition to the existing provision for classroom presentation equipment.

Furthermore, 'synthetic training devices' is replaced in point (a) by 'maintenance simulation training devices (MSTDs)' to remain up to date with ICAO and industry terminology.

## 147.A.120 Maintenance Training material

(a) For every training provided by the organisation, Maintenance training course material must shall be provided to the student and cover as applicable:

1. the basic knowledge modules' syllabus specified in Annex III (Part-66) for the relevant aircraft maintenance licence category or subcategory and,
2. the aircraft type training course content required by Annex III (Part-66) for the relevant aircraft type and aircraft maintenance licence category or subcategory; and,
- (3) the aircraft task training content for the relevant aircraft type, maintenance organisation requests in relation to its maintenance activities, and aircraft maintenance licence (sub)category.

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

(c) Access to the maintenance training material relevant to basic or type training courses may be provided as a hard copy or by electronic means provided that the student has the appropriate means to access such material at any given time during the entire duration of the course.

### 0201.36 – Intent of proposed changes – 147.A.120

The new point (a)(3) is added to ensure practical training materials are available. This will ensure that the lesson is sufficiently planned for, and that suitable training material is provided relevant to the aircraft being trained on.

The introduction of a new point (c) in 147.A.120 'Maintenance training material' allows Part-147 organisations to provide the training material to the students in any medium.

In the case of electronic media, the student must have the appropriate means of accessing such material during the course duration at any given time. This may be ensured by the Part 147 organisation either providing the means of accessing the material or providing to the student the minimum hardware and software specifications required for such access at any given time during the entire course duration.

## 147.A.125 Records keeping

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

(a) The organisation must retain the following records:

(1) Training records

(i) The organisation must retain all the records that are necessary to prove that all the requirements have been met for the issue of the certificate of recognition.

The organisation must record the details of the training activity that is carried out within its scope of work including the following elements:

- (A) the location(s) where the training activities are conducted;
- (B) the nature and content of the training activities that are conducted;
- (C) the dates of commencement and finalisation, and the duration in hours, of the training activities;
- (D) the lists of attendees, their attendance data, and results of examinations, assessments, and evaluations, as applicable;
- (E) the list of instructors, examiners, and assessors, as applicable, and their role in the training activities that are conducted;
- (F) the delivery method e.g. classroom or distance learning;
- (G) any deviation from the planning of the activity and any event related to fraudulent actions;
- (H) subcontractor issued documents;
- (I) certificate(s) of recognition issued as a result of the training activities.

(ii) The organisation must provide the certificate(s) of recognition to the customer, and if different, to the person concerned.

(iii) The organisation must retain the records under point (a)(1)(i) for a minimum period of 10 years from the date of issue of the certificate of recognition and following submission of training records to the CAA in accordance with point (v).

(iv) If the organisation ceases its operation, it must transfer all the retained training records to the CAA, in a form and manner specified by the CAA.

(v) The organisation, on issuing certificate(s) of recognition issued as a result of the training activities, must submit, as a minimum, to the CAA within 90 days:

(A) Name

(B) Course description or exam module

(C) Dates of type training and date of examination

(D) Pass mark

(E) Location

## (2) Management system and subcontracting records

(i) The organisation must ensure that records pertaining to the management system processes referred to in point 147.A.110 are retained for a minimum period of 5 years.

(ii) The organisation must ensure that records for subcontracting referred to in point 147.A.25 are retained for a minimum period of 5 years.

## (3) Personnel records

(i) The organisation must retain all the records that are necessary to demonstrate that the accountable manager and nominated managers mentioned in points 147.A.105(b) and (c) comply with the requirements for nomination including the following elements:

(A) records of commencement and finalisation of employment;

(B) records of the qualifications, training, and experience.

(ii) The organisation must retain all the records that are necessary to demonstrate that training personnel comply with the requirements for the issue of the training authorisation including the following elements:

(A) records of commencement and finalisation of employment;

(B) records of the qualifications, training, and experience;

(C) records of personnel evaluations and authorisations;

(D) records of the training activities carried out within the organisation;

(E) records of reports referred to in point 147.A.110(a)(6).

- (iii) The organisation must retain all the records of the qualifications, training, experience, and employment within the organisation of the personnel involved in training activities and compliance activities.
- (iv) Personnel records must be retained for at least 3 years after termination of employment within the organisation or, in the case of external persons, after withdrawal of personnel authorisation.
- (v) The organisation must provide the personnel referred to in point (ii), upon their request, with access to their personnel records. In addition, upon their request, the organisation must furnish each of them with a copy of their personnel records.

(b) The organisation must establish a record-keeping system that allows adequate storage and reliable traceability of all its activities.

(c) Storage facilities must be operated and maintained in a manner that ensures protection from unauthorised access, damage, alteration, and theft.

(d) The format of the records must be specified in the organisation's procedures.

(e) The CAA must be granted access to personnel records.

#### **0201.37 – Intent of proposed changes – 147.A.125**

147.A.125 Records has been amended to 'Record keeping'. The new wording for this rule is to align terminology and management processes with the other Annexes to the Continuing Airworthiness Regulation.

The introduction of management system requirements for the MTO aim to ensure clarity of the lines of responsibility and duty within an organisation, as well as to identify and define the main processes to be described by the organisation. Such management system is similar to the management systems referred to in other Annexes with the exception of the safety risk management component.

The intention of the amendments for the retention of training, personnel and management system records is to enable the CAA to detect fraudulent Certificate of Recognition certificates and to support investigations.

Point (a)(1)(v) intends to enable the CAA to review applications against course data to confirm that the Certificate of Recognition (CofR) submitted is valid. This will reduce the likelihood of anyone gaining a licence or rating based off a fake CofR.

Provisions are also added regarding the access and security of record-keeping systems. This is to ensure that records of attendance, grades, exam databases, training syllabus' are secure but remain accessible to the organisation.

## 147.A.130 Training procedures and quality system

(a) The organisation ~~must~~~~shall~~ establish procedures ~~acceptable to the CAA~~ to ensure proper training standards and compliance with all relevant requirements ~~in~~ ~~of~~ this Annex in conducting the training activities, including subcontracted activities, within its scope of work. Such procedures must be agreed with the CAA and approved through the approval of the exposition.

(b) The organisation ~~shall establish a quality system including~~ training procedures established under this point must include:

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 a procedure to ensure that a clear agreement or contract has been concluded between the organisation and the person or organisation that requests the training activities, to clearly establish the training activities to be carried out and the conditions under which they will be carried out;~~
2. ~~a feedback system of audit findings to the person(s) and ultimately to the accountable manager referred to in point 147.A.105(a) to ensure, as necessary, corrective action all aspects required to carry out the training activities.~~
3. ~~a formal written agreement or contract must be in place between the organisation and any Part-145 or Part-CAO approved facility, as relevant to the training type, used to conduct training.~~

### 0201.38 – Intent of proposed changes – 147.A.130

The introduction of management system requirements for the MTO aim to ensure clarity of the lines of responsibility and duty within an organisation, as well as to identify and define the main processes to be described by the organisation. Such management system is similar to the management systems referred to in other Annexes with the exception of the safety risk management component.

The new points 1-3 intend to bring in key elements of the management system such as auditable and clear contracts between the organisation and customer as well as other facilities used. The wording 'as relevant to the training type' is to ensure that the organisation used is appropriate to the type of training being facilitated.

Reference to the quality system have been removed, including auditing, which now comes under the management system under 147.A.110 Management System.

This is to align with the other Annexes for introducing the management system to airworthiness organisations.

## 147.A.132 Performance of training activities

(a) The organisation may only carry out training activities for which it is approved when all the necessary facilities, equipment, tooling, material, training data and personnel are available.

(b) The organisation must be responsible for the training activities that are performed within the scope of its work.

(c) The organisation must ensure:

(1) training activities are carried out in compliance with the applicable requirements and to the standards described in its procedures;

(2) the development of instructions on training methods and tools and their proper use;

(3) the language competence of personnel referred to in point 147.A.105(i) and of the students undergoing training activities;

(4) the security of its training activities, especially in respect of the examination process;

(5) an effective system to combat and prevent any fraudulent actions is established and maintained, as part of its management system;

(6) a system of reporting to the CAA of events referred to point 147.A.135(g) is established and maintained, as part of its management system;

(7) the elaboration of an activity report to be provided to the CAA on a yearly basis.

(d) Training activities

(1) Theoretical training elements must ensure:

(i) compliance with Appendix I to this Annex, and Appendices I, III and VII to Annex III (Part-66), as applicable;

(ii) the use of relevant and accurate data in the development of training material, and continuous monitoring for updates and amendments;

(iii) the review of training material on an annual basis, as a minimum;

(iv) the appropriate and effective use of the training methods and tools referred to in point 147.A.130 and of the instructional equipment referred to in point 147.A.115;

- (v) the student receives the required knowledge in its entirety and effectively;
- (vi) the student has an appropriate understanding of the topic;
- (vii) the student is able to apply the knowledge to aircraft maintenance.

(2) Theoretical examination elements must ensure:

- (i) compliance with Appendices II, III and VIII to Annex III (Part-66), as applicable;
- (ii) the use of correct and appropriate multiple-choice questions and essays developed from the training material;
- (iii) the review of multiple-choice questions and essays on an annual basis, as a minimum, to include a renewal of at least 10 % of the multiple-choice questions;
- (iv) the use of an appropriate selection of topics to cover a representative cross section of the subject matter;
- (v) the appropriate and effective use of the instructional equipment referred to in point 147.A.115;
- (vi) the student possesses the required knowledge to the established standard.

(3) Practical training elements must ensure:

- (i) compliance with Appendix I to this Annex, and Appendices I, III and VII to Annex III (Part-66), as applicable;
- (ii) the use of relevant and accurate data in the development of training material;
- (iii) the appropriate and effective use of the training methods and tools referred to in point 147.A.130 and of the instructional equipment referred to in point 147.A.115;
- (iv) the appropriate and effective use of tooling, equipment, parts, materials, components and aircraft;
- (v) the student receives the required knowledge in its entirety and effectively;
- (vi) the student participates in a representative selection of maintenance activities;
- (vii) the student has an appropriate understanding of the topic;
- (viii) the student is able to apply the knowledge and practical skills to aircraft maintenance.

**(4) Practical assessment elements must ensure:**

- (i) compliance with Appendices I, III and VII to Annex III (Part-66), as applicable;
- (ii) the use of correct and appropriate assessment material developed from the training material;
- (iii) the use of an appropriate selection of topics to cover a representative cross section of the subject matter;
- (iv) the appropriate and effective use of instructional equipment as referred to in point 147.A.115;
- (v) the student possesses the required knowledge to the established standard;
- (vi) the student has developed the required competencies in relation to use of tools and equipment and maintenance documentation.

**0201.39 – Intent of proposed changes – 147.A.132**

The introduction of management system requirements for the MTO aims to ensure clarity of the lines of responsibility and duty within an organisation, as well as to identify and define the main processes to be described by the organisation. This management system is similar to the safety management systems referred to in other Annexes, with the exception of the safety risk management component.

The new 147.A.132 clarifies the requirements for the MTO to define their processes and to outlines clearly the requirements for the performance of training activities from a management system perspective.

The below are required to ensure that the organisation can demonstrate that it is set up to perform the scope of work held on their approval:

1. The responsibilities held by the organisation to perform within their scope of work.
2. That the MTO has the necessary procedures which are then adhered to in order to achieve their scope of work.
3. That the MTO ensures that participants have the sufficient language proficiency to understand the training. This is an increasing challenge faced by distance learning courses and needs to be addressed to ensure they are meeting the necessary standard to receive a CofR.
4. Training activity requirements, Theoretical examination requirements, Practical training requirements and Practical assessment requirements are all outlined within procedures.



## 147.A.135 Examinations Process

- (a) The organisation examination staff must shall ensure the security of all questions the examination documentation and examination process, under the responsibility of the examination manager.
- (b) The examination must be carried out by an approved examiner referred to in point 147.A.105(g), under the oversight and responsibility of the examination manager.
- (c) (i) 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 CAA must be informed of any such occurrence within one calendar month.
- (c) The organisation must develop a set of rules for the examination process, as part of the examination procedure included in the procedures referred to in point 147.A.140(a)(12), including as a minimum:
  - (1) duties and responsibilities of the examiner in relation to the examination process;
  - (2) documentation to be provided by the examinees at the moment of the examination to ensure their identification by the examiner;
  - (3) a declaration of awareness to be acknowledged by the examinee, regarding their rights, responsibilities and obligations, including as a minimum:
    - (i) the examinee's obligation to adhere to the rules of the examination process;
    - (ii) clear mention of, and direct reference to, the measures referred to in point 147.A.135(i);
    - (iii) the examinee's obligation to report through the reporting scheme referred to in point 147.A.110(a)(6) to the organisation suspicions of violation of the examination rules or any other event related to fraudulent actions in which the examinee is directly involved, and the appropriate and effective means to do so, including the possibility of anonymous reporting;
    - (iv) the encouragement of the examinee to voluntarily report to the organisation suspicions of violation of the examination rules or any other event related to fraudulent actions which they witnessed without being directly involved, and the appropriate and effective means to do so, including the possibility of anonymous reporting;

- (v) the examinee's right to report to the CAA suspicions of violation of the examination rules or any other event related to fraudulent actions and the means provided by the CAA to do so;
- (vi) the examinee's obligation to inform the organisation of any relevant previously failed examinations and any prohibitions as described in point (g).
- (d) The organisation must submit to the CAA its examination plan, and consequently notify it of any amendments, emphasising the examinations taking place in locations other than the ones identified in the approval certificate and the exposition. The notification must be sent to the CAA as soon as possible, but no later than 1 week before the examination takes place.
- (e) Examinations taking place in locations other than the ones identified in the approval certificate and in the exposition, must be conducted under the supervision of a nominated independent person agreed by the CAA.
- (f) The organisation must develop a system, described in the examination procedure, which ensures that in the case of examinations referred to in points (d) and (e), the training instructor and examinees must have no knowledge of the exam questions selected prior to the start of examination.
- (g) The organisation must ensure that any student found during an examination to be cheating or in possession of material pertaining to the examination subject other than the examination materials papers and associated authorised documentation or in violation of the examination rules shall must be disqualified from taking the examination and may not take is prohibited from taking any examination for at least 1248 months after the date of the incident. The CAA shall be informed of any such incident together with the details of any enquiry within one calendar month.
- (h) The organisation must ensure that it informs the CAA within 72 hours of such an event and provide any additional information considered relevant or requested by the CAA within 1 month of the event or earlier within the period established by the CAA.
- (i) The examination must be performed in a controlled environment by a training organisation approved under this Annex and described in its maintenance training organisation exposition.

#### **0201.40 – Intent of proposed changes – 147.A.135**

The title is amended from 'Examinations' to 'Examination Process'.

The changes to this rule are to reflect the introduction of the management system including reporting procedures and to provide greater clarity on requirements for examination. This intends to reduce cheating and examination fraud and ensures that engineers have sufficient understanding to hold their licence or ratings. There

is also an increase in the time an individual caught cheating is not able to conduct any examinations.

Point (c) is introduced to ensure that the organisation develops sufficient procedures and processes to conduct examinations. This is to reduce examination fraud. This includes outlining clear responsibilities of the examiner, identity checks and a declaration by the examinee that they understand their own rights, responsibilities and obligations when taking the exam.

Points (d), (e) and (f) are added to ensure that there is sufficient oversight of examinations in locations other than those in the exposition and approval certificate. That is because those within the exposition and approval certificate will have had CAA oversight, and the standard of the location must be assured to the same level. As the CAA is unable to resource someone to supervise examinations at all remote sites, this will be completed by a nominated person who has been previously approved by the CAA. This could be achieved in the exposition itself and the process for this will be outlined within AMC and GM.

The intent of point (f) is to ensure that the instructor and examiner cannot give any training specific to the exam questions chosen for that examination.

There will be AMC to point (f) explaining what systems of distribution meet this requirement such as printed exams in secure envelopes or if delivered digitally, by a secure electronic system.

## 147.A.140 Maintenance training organisation exposition (MTOE)

(a) The organisation must shall provide an exposition for use by the organisation describing the organisation and its procedures and containing establish and maintain a maintenance training organisation exposition that includes, directly or by reference, all of the following information:

1. a statement signed by the accountable manager confirming that the maintenance training organisation will at all times operate in accordance with this Annex and Annex III (Part 66), as applicable, and with the approved maintenance training organisation exposition. If the accountable manager is not the chief executive officer of the organisation, then the chief executive officer must countersign the statement; exposition and any associated manuals define the maintenance training organisation's compliance with this Part and shall be complied with at all times.
2. the organisation's management policy and the related objectives referred to in point 147.A.110(a)(2);
3. 2. the title(s) and name(s) of the person(s) nominated in accordance with point 147.A.105(b) and (c);
4. 3. the duties and responsibilities of the person(s) specified in point 2 nominated under points 147.A.105(b) and (c), including matters on which they may deal directly with the CAA on behalf of the maintenance training organisation;
5. 4. an maintenance training organisation chart showing the accountability and associated chains lines of responsibility, established in accordance with point 147.A.110(a)(1), between all the persons referred to in points 147.A.105(a), (b) and (c); of the person(s) specified in point (a)(2).
6. 5. a list of the trainers, ing instructors, knowledge examiners and practical assessors with their scope of authorisation;.
7. a general description of the manpower resources as required by point 147.A.105(f);
8. 6- a general description of the training and examination facilities at each approved location; located at each address specified in the maintenance training organisation's approval certificate, and if appropriate any other location, as required by point 147.A.145(b).
9. 7. a specification of the scope of work of the organisation that is relevant to the terms of approval as required by point 147.A.20; a list of the maintenance training courses which form the extent of the approval.

10. the procedure that sets out the scope of changes not requiring prior approval and that describes how such changes will be managed and notified to the CAA, as required by point 147.A.150(c);
11. 8. the procedure for amending the maintenance training organisation exposition; the maintenance training organisation's exposition amendment procedure.
12. 9. the procedures specifying how the organisation ensures compliance with this Annex; the maintenance training organisation's procedures, as required by point 147.A.130(a).
13. 10. the maintenance training organisation's control procedure, as required by 147.A.145(a)(4)(i)(e), when authorised to conduct training, examination and assessments in locations different from those specified in point 147.A.145(a)(1)b).
14. 11. a list of the locations pursuant to point 147.A.145(a)(1)b).
15. 12. where applicable, a list of the subcontracted organisations referred to in point 147.A.145(a)(3) and the description of the subcontracted services. a list of organisations, if appropriate, as specified in point 147.A.145(d).  
(b) The initial issue of the maintenance training organisation exposition maintenance training organisation's exposition and any subsequent amendments shall must be approved by the CAA. It must be amended as necessary so that it remains an up-to-date description of the organisation.  
(c) Amendments to the maintenance training organisation exposition must be managed as set out in the procedures referred to in points (a)(10) and (a)(11). Any amendments that are not included in the scope of the procedure referred to in point (a)(10), as well as any amendments related to the changes listed in point 147.A.150(a), must be approved by the CAA. Notwithstanding point (b) minor amendments to the exposition may be approved through an exposition procedure (hereinafter called indirect approval).

#### **0201.41 – Intent of proposed changes – 147.A.140**

The introduction of management system requirements for the MTO aims to ensure clarity of the lines of responsibility and duty within an organisation, as well as to identify and define the main processes to be described by the organisation in the MTOE. This management system is similar to the management systems referred to in other Annexes with the exception of the safety risk management component.

To achieve this, the requirements for the MTOE requires updating to align with the new management system requirements.

## 147.A.145 Privileges of the maintenance training organisation

(a) In accordance with the exposition, the organisation must be entitled to carry out the following tasks:

(1) Provide any training activity defined in Appendix IV to this Annex for which it is approved at the locations identified in the approval and in the exposition, as follows:

(i) basic training;

(ii) by derogation from point (i), part of the basic training specific to an aircraft maintenance licence (sub)category, solely in specific cases such as the extension of an aircraft maintenance licence, the conversion of certifying staff qualification and the examination crediting.

(iii) basic knowledge theoretical examination;

(iv) aircraft type training;

(v) part of the aircraft type training to include either the aircraft type theoretical training and examination element or the aircraft type practical training and assessment element;

(vi) part of the aircraft type training covering the differences between two different aircraft type ratings of the same manufacturer or between two aircraft maintenance licence categories for the endorsement with the same aircraft type rating;

(vii) aircraft type evaluation;

(viii) aircraft task training;

(2) Issue certificates of recognition referred to in Appendix III to this Annex in respect of completion of the training activities described in point (a) in accordance with this Annex and Annex III (Part-66);

(3) arrange for a limited range of training activities, which may not include any complete training activity, to be conducted by a subcontracted organisation that works under the management system of the organisation, subject to the conditions specified in the exposition;

(4) Provide training activities for which it is approved at locations other than the ones identified in the approval certificate and the exposition, subject to the need for such training arising from the infeasibility of providing it at the approved

locations or from the necessity of supporting occasional training activities, and subject to the following condition:

(i) The maintenance training organisation may only conduct training, knowledge examinations and practical assessments in locations different from the point (a)(1) locations in accordance with a control procedure specified in the maintenance training organisation exposition. Such locations need not be listed in the maintenance training organisation exposition.

(b) The privilege to carry out basic knowledge theoretical examinations referred to in point (a)(1)(iii) must be dependent upon the organisation carrying out at least one training activity referred to in point (a)(1)(i) within two consecutive oversight cycles or at least one training activity referred to in point (a)(1)(ii) within one oversight cycle.

(c) The privilege to carry out the training activities referred to in points (a)(1)(v) and (a)(1)(vi) must be dependent upon the organisation carrying out at least one training activity referred to in point (a)(1)(iv) within one oversight cycle.

(d) Failure to comply with points (b) and (c) must result in the restriction of the associated privilege(s) through the limitation, suspension, or revocation of the approval certificate, as appropriate, in accordance with point 147.B.355.

(a) The maintenance training organisation may carry out the following as permitted by and in accordance with the maintenance training organisation exposition:

- (i) basic training courses to the Annex III (Part 66) syllabus, or part thereof;
- (ii) aircraft type/task training courses in accordance with Annex III (Part 66);
- (iii) the examination of students who attended the basic or aircraft type training course at the maintenance training organisation;
- (iv) the examination of students who did not attend the aircraft type training course at the maintenance training organisation;
- (v) the examination of students who did not attend the basic training course at the maintenance training organisation, provided that:
  1. the examination is conducted at one of the locations identified in the approval certificate, or
  2. if performed at locations not identified in the approval certificate, as permitted by points (b) and (c), the CAA selects the questions for the examination;
- (vi) 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 points (a)(i), (a)(ii), (a)(iii), (a)(iv) and (a)(v), 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 maintenance training organisation exposition.~~

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

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

1. ~~The subcontracting of basic theoretical training and examination is limited to Annex III (Part 66), Appendix I, Modules 1, 2, 3, 4, 5, 6, 8, 9 and 10.~~
2. ~~The subcontracting of type training and examination is limited to powerplant and avionic systems.~~

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

(f) ~~By derogation from point (e), an organisation approved to provide basic knowledge training or type training may also be approved to provide type examination in the cases where type training is not required.~~

#### **0201.42 – Intent of proposed changes – 147.A.145**

The introduction of management system requirements for the MTO aims to ensure clarity of the lines of responsibility and duty within an organisation, as well as to identify and define the main processes to be described by the organisation. This management system is similar to the management systems referred to in other Annexes with the exception of the safety risk management component.

The new wording for 147.A.145 brings in wording to incorporate the management system and align with other Annexes of this rule.

## 147.A.150 Changes to the maintenance training organisation

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

(a) The following changes to the organisation must require prior approval by the CAA:

- (1) changes to the approval, including the terms of approval of the organisation;
- (2) changes of the persons referred to in points 147.A.105(a), (b), and (c);
- (3) changes to the reporting lines between the personnel nominated in accordance with points 147.A.105(b) and (c), and the accountable manager;
- (4) the procedure as regards changes not requiring prior approval referred to in point (c);
- (5) additional locations of the organisation other than those that are subject to point 147.A.145(d).

(b) For the changes referred to in point (a) and for all other changes requiring prior approval in accordance with this Annex, the organisation must apply for and obtain an approval issued by the CAA. The application must be submitted before such changes take place in order to enable the CAA to determine that there is continued compliance with this Annex and to amend, if necessary, the organisation approval and the related terms of approval that are attached to it.

The organisation must provide the CAA with any relevant documentation.

The change must only be implemented upon the receipt of a formal approval from the CAA in accordance with point 147.B.330.

The organisation must operate under the conditions prescribed by the CAA during such changes, as applicable.

(c) All changes not requiring prior approval must be managed and notified to the CAA as set out in the procedure referred to in point 147.A.140(a)(10).

#### **0201.43 – Intent of proposed changes – 147.A.150**

The introduction of management system requirements for the MTO aims to ensure clarity of the lines of responsibility and duty within an organisation, as well as to identify and define the main processes to be described by the organisation. This management system is similar to the management systems referred to in other Annexes with the exception of the safety risk management component.

The new text for 147.A.150 brings in wording to incorporate the management system and align with other Annexes of this rule. It also provides greater clarity on when an organisation needs to gain prior approval of changes by the CAA.

## 147.A.155 Continued validity

(a) ~~An approval shall be issued for an unlimited duration. It shall remain valid subject to:~~

- ~~1. the organisation remaining in compliance with this Part, in accordance with the provisions related to the handling of findings as specified in point 147.B.130; and~~
- ~~2. the CAA being granted access to the organisation to determine continued compliance with this Annex (Part 147); and~~
- ~~3. the certificate not being surrendered or revoked.~~

(b) ~~Upon surrender or revocation, the approval shall be returned to the CAA.~~

~~The organisation's approval must remain valid subject to compliance with all of the following conditions:~~

- ~~(a) the organisation remaining in compliance with UK Regulation (EU) 2018/1139 and its delegated and implementing acts, taking into account the provisions of point 147.B.350 of this Annex related to the handling of findings;~~
- ~~(b) the CAA being granted access to the organisation as specified in point 145.A.170;~~
- ~~(c) the approval not being surrendered by the organisation or suspended or revoked by the CAA as specified in point 147.B.355.~~

### 0201.44 – Intent of proposed changes – 147.A.155

The proposed changes to 147.A.155 Continued Validity provides updated references to the regulation and includes the requirement for an organisation to act on findings to continue the validity of their approval.

## 147.A.160 Findings

(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 CAA access to the organisation'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 findings.~~

(c) ~~After receipt of notification of findings according to point 147.B.130, the holder of the maintenance training organisation approval shall define a corrective action plan and demonstrate corrective action to the satisfaction of the CAA within a period agreed with the CAA.~~

(a) After the receipt of a notification of findings in accordance with point 147.B.350, the organisation must:

- (1) identify the root cause(s) of, and contributing factor(s) to, the non-compliance;
- (2) define a corrective action plan (to eliminate the findings and prevent their reoccurrence);
- (3) demonstrate the implementation of the corrective action plan to the satisfaction of the CAA.

(b) The actions referred to in point (a) must be performed within the period agreed with that CAA in accordance with point 147.B.350.

(c) The observations received in accordance with point 147.B.350(e) must be given due consideration by the organisation. The organisation must record the decisions taken in respect of those observations.

### 0201.45 – Intent of proposed changes – 147.A.160

The amendments to 147.A.160 provide clarity on the requirements on an organisation following notification of findings. The findings levels are moved to Section B - CAA requirements under 147.B.350 - Findings and corrective actions;

observations. They are moved here because the level of finding is issued by the CAA.

## 147.A.170 Access

For the purpose of determining compliance with the relevant requirements of UK Regulation (EU) 2018/1139 and its delegated and implementing acts, the organisation must ensure that access to any facility, aircraft, document, records, data, procedures or to any other material relevant to its activity subject to approval, whether it is subcontracted or not, is granted to any person authorised by the CAA.

### **0201.46 – Intent of proposed changes – 147.A.170**

147.A.170 is added to build on 147.A.155(b). To ensure an organisation can maintain continued validity of an approval, the organisation must ensure access is granted to surveyors to conduct audits.

## 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 the subject matter for a category or subcategory aircraft maintenance licence as specified in Annex III (Part 66).
- (c) The knowledge examination element shall cover a representative cross section of subject matter from the point (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 Part 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 through an assessment of the basic training syllabus and the related practical training needs.

- (a) Basic training must consist of basic knowledge theoretical training and examination, and basic knowledge practical training and assessment.
- (b) Basic training must be delivered in accordance with the provisions of point 147.A.132.
- (c) The basic knowledge theoretical training element must cover the subject matter for an aircraft maintenance licence (sub)category as specified in Appendices I and VII to Annex III (Part-66).
- (d) The basic knowledge practical training element must cover the subject matter for an aircraft maintenance licence (sub)category as specified in Appendices I and VII to Annex III (Part-66).
- (e) The basic knowledge practical training element must be partially performed in an actual maintenance working environment.
- (f) The duration of basic training must be determined in accordance with Appendix I to this Annex and specified in the exposition.
- (g) Notwithstanding point (f), the minimum duration of basic training as established in Appendix I to this Annex may be amended, in order to benefit from improved training

methods and tools and new teaching technologies, or from credits specified in point 66.A.25(e) of Annex III (Part-66), provided that the syllabus content and schedule describe and justify the proposed changes, and subject to a control procedure included in the MTOE.

(h) The duration of training for conversion from one aircraft maintenance licence (sub)category to another must be determined through an assessment of the basic training requirements, subject to a control procedure described in the MTOE.

#### **0201.47 – Intent of proposed changes – 147.A.200**

147.A.200 is amended to correct references and align with the changes proposed across Part 147 and Part 66.

It provides clarification on elements that have been highlighted in audits such as point (e) which clarifies the important requirement for practical training to be conducted in an actual maintenance working environment.

Due to the restructure of modules enabling easier conversion from one licence (sub)category to another in Part 66, point (h) has been added to clarify the requirements on the Part 147 organisation to support this.

## 147.A.205 Basic knowledge theoretical examinations

~~Basic knowledge examinations shall:~~

- ~~(a) be in accordance with the standard defined in Annex III (Part 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 Annex III (Part 66).~~

~~The basic knowledge theoretical examination element must:~~

- ~~(a) be conducted to the standards described in Appendices II and VIII to Annex III (Part-66);~~
- ~~(b) be conducted in accordance with points 147.A.132 and 147.A.135.~~

### **0201.48 – Intent of proposed changes – 147.A.205**

147.A.205 is amended to correct references.

## 147.A.210 Basic knowledge 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 point 147.A.200(e).

The basic knowledge practical assessment element must:

(a) be conducted as part of the basic training in a manner established by the organisation and described in its exposition;

(b) be conducted to the standards described in Appendices I and VII to Annex III (Part-66);

(c) be conducted in accordance with points 147.A.132 and 147.A.135.

### 0201.49 – Intent of proposed changes – 147.A.210

147.A.210 is amended to correct references and to incorporate management system MTOE requirements which aligns with other annexes.

## Subpart D - Aircraft Type/Task Training

## 147.A.300 Aircraft type / task training

~~A maintenance training organisation shall be approved to carry out Annex III (Part-66) aircraft type and/or task training subject to compliance with the standard specified in point 66.A.45.~~

- (a) Aircraft type training must consist of aircraft type theoretical training and examination, and aircraft type practical training and assessment.
- (b) Aircraft type training must be delivered in accordance with the provisions of point 147.A.132.
- (c) Aircraft type training must be approved by the CAA through the approval of the MTOE.
- (d) The aircraft type theoretical training and examination element must cover the subject matter for an aircraft maintenance licence (sub)category as specified in Appendix III to Annex III (Part-66).
- (e) The aircraft type practical training and assessment element must cover the subject matter for an aircraft maintenance licence (sub)category as specified in Appendix III to Annex III (Part-66).
- (f) The duration of aircraft type training must be determined in accordance with Appendix III to Annex III (Part-66) and specified in the exposition.
- (g) The duration of training for differences between two different aircraft type ratings of the same manufacturer or between two aircraft maintenance licence categories for the endorsement with the same aircraft type rating must be determined through an assessment of the aircraft type training requirements, subject to a control procedure described in the exposition.
- (h) By derogation from points (d) to (g), in the case of gas airship type ratings to be endorsed on a B2 or L5 category licence, aircraft type training must be developed by the organisation to a standard approved by the CAA in accordance with point 66.B.350.

### 0201.50 – Intent of proposed changes – 147.A.300

The changes to 147.A.300 incorporates the management system and the consequential requirements of the MTOE.

## 147.A.305 Aircraft type examinations and task assessments

A maintenance training organisation approved in accordance with point 147.A.300 to conduct aircraft type training shall conduct the aircraft type examinations or aircraft task assessments specified in Annex III (Part 66) subject to compliance with the aircraft type and/or task standard specified in point 66.A.45 of Annex III (Part 66).

### 0201.51 – Intent of proposed changes – 147.A.305

Deleted as replaced in 147.A.400 and 147.A.500.

## Subpart E – Aircraft Type Evaluation

### **0201.52 – Intent of proposed changes – Subpart E**

New Subpart E for Aircraft Type Evaluation to incorporate new 147.A.400 and make space for type evaluation specific points.

## 147.A.400 Aircraft Type Evaluation

- (a) Aircraft type evaluation must consist of aircraft type theoretical examination and aircraft type practical assessment, specific to an entire aircraft maintenance licence (sub)category.
- (b) Aircraft type evaluation must be performed in accordance with the provisions of point 147.A.132.
- (c) Aircraft type evaluation must be approved by the CAA through the approval of the MTOE.
- (d) Aircraft type evaluation must be performed in accordance with the provisions of, and to the standard described in, Appendix III to Annex III (Part-66).
- (e) The aircraft type theoretical examination element must cover the subject matter for an aircraft maintenance licence (sub)category as specified in Appendix III to Annex III (Part-66).
- (f) The aircraft type practical assessment element must cover the subject matter for an aircraft maintenance licence (sub)category as specified in Appendix III to Annex III (Part-66).

### 0201.53 – Intent of proposed changes – 147.A.400

This new rule replaces 147.A.305 and provides clearer requirements for aircraft type evaluation such as the requirement to gain approval of the evaluation via the MTOE and how the evaluation and practical assessments are to be developed. This ensures sufficient oversight and organisational processes for the development of these courses.

This new rule gives a rule for new AMC and GM to be linked to for Aircraft Type Evaluation, giving the CAA a greater opportunity to provide clearer guidance for organisations.

## Subpart F – Aircraft Task Training

### **0201.54 – Intent of proposed changes – Subpart E**

New Subpart F for Aircraft Type Evaluation to provide a location specifically for Aircraft Task Training and 147.A.500.

## 147.A.500 Aircraft Task Training

- (a) Aircraft task training must consist of aircraft task theoretical training and examination, and aircraft task practical training and assessment, specific to an entire aircraft maintenance licence A (sub)category.
- (b) Aircraft task training must be performed in accordance with the provisions of point 147.A.132.
- (c) Aircraft task training must be performed in accordance with the provisions of, and to the standard described in, point 145.A.35.
- (d) The aircraft task theoretical training and examination elements must be appropriate to the aircraft type(s) and, when applicable, the aircraft maintenance task(s) required by the approved maintenance organisation.
- (e) The aircraft task practical training and assessment elements must be appropriate to the aircraft type(s) and, when applicable, the aircraft maintenance task(s) required by the approved maintenance organisation.

### 0201.55 – Intent of proposed changes – 147.A.500

147.A.500 is replacing 147.A.305 for Aircraft Task Training to provide requirements for the content of the training and including relevant references. This gives a rule for new AMC and GM to be linked specifically to for Aircraft Task Training, giving the CAA a greater opportunity to provide clearer guidance for organisations.

## **SECTION B - PROCEDURES FOR THE CAA Requirements**

### **0201.56 – Intent of proposed changes – Section B Title**

Section B title is amended to CAA requirements' to align with other annexes. The new numbering of the rules below enable Part 147 to align with other annexes such as Part 145.

### **Subpart A – GENERAL**

#### **0201.57 – Intent of proposed changes – Section B Subpart A**

Subpart A deleted as new Section B drafted below.

## 147.B.05 Scope

This section establishes the ~~administrative~~ requirements to be followed by the CAA.

### **0201.58 – Intent of proposed changes – 147.B.05**

Correction as Section B is not solely administrative requirements.

## 147.B.10 CAA

### (a) General

~~The CAA shall establish documented procedures and an organisational structure for the application and enforcement of Section B of this Part.~~

### (b) Resources

~~The CAA shall be appropriately staffed to carry out the requirements of this Part.~~

### (c) Procedures

~~The CAA shall establish procedures detailing how compliance with this Annex (Part 147) is accomplished. The procedures shall be reviewed and amended to ensure continued compliance.~~

### (d) Qualification and training

~~All staff involved in approvals related to this Annex must:~~

- ~~1. Be appropriately qualified and have all necessary knowledge, experience and training to perform their allocated tasks.~~
- ~~2. Have received training and continuation training on Annex III (Part 66) and Annex IV (Part 147) where relevant, including its intended meaning and standard.~~

### 0201.59 – Intent of proposed changes – 147.B.10

Deleting as now included in the proposed 147.B.115 and 147.B.200.

## 147.B.20 Record-keeping

(a) The CAA shall establish a system of record keeping that allows adequate traceability of the process to issue, renew, continue, vary, suspend or revoke each approval.

(b) The records for the oversight of maintenance training organisations shall include as a minimum:

1. the application for an organisation approval.
2. the organisation approval certificate including any changes.
3. a copy of the audit program listing the dates when audits are due and when audits were carried out.
4. continued oversight records including all audit records.
5. copies of all relevant correspondence.
6. details of any exemption and enforcement actions.
7. any report from other CAA relating to the oversight of the organisation.
8. organisation exposition and amendments.

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

### 0201.60 – Intent of proposed changes – 147.B.20

Deleting as now included in the proposed 147.B.220.

## 147.B.25 Exemptions

(a) ~~The CAA may exempt a State education department school from:~~

- ~~1. being an organisation as specified in point 147.A.10.~~
- ~~2. having an accountable manager, subject to the limitation that the department appoint a senior person to manage the training organisation and such person has a budget sufficient to operate the organisation to the standard of this Annex (Part-147).~~
- ~~3. having recourse to the independent audit part of a quality system subject to the department operating an independent schools inspectorate to audit the maintenance training organisation at the frequency required by this Part.~~

(b) ~~All exemptions granted in accordance with Article 71(1) of Regulation (EU) 2018/1139 shall be recorded and retained by the CAA.~~

### 0201.61 – Intent of proposed changes – 147.B.25

Deleting as the provision is not used.

## **Subpart B – Issue of an Approval**

~~This Subpart provides the requirements to issue or vary the maintenance training organisation approval.~~

### **0201.62 – Intent of proposed changes – Subpart B**

Proposed to be deleted due to removal of 147.B.110. The contents are now covered in 147.B.310 and 147.B.330.

## 147.B.110 Procedure for approval and changes to the approval

- (a) Upon receipt of an application, the CAA shall:
  1. review the maintenance training organisation exposition; and
  2. verify the organisation's compliance with the requirement of Annex IV (Part-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 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 CAA.

### 0201.63 – Intent of proposed changes – 147.B.110

Deleting as now included in the proposed 147.B.310 and 147.B.330.

## 147.B.115 Oversight Documentation

The CAA must provide all the legislative acts, standards, rules, technical publications and related documents to the relevant personnel in order to allow them to perform their tasks and to discharge their responsibilities.

### **0201.64 – Intent of proposed changes – 147.B.115**

Provides the overall requirements for the CAA under Part 147 to ensure the support of Part 147 organisations so that they can discharge their responsibilities. This wording aligns with Annex II Part 145 - 145.B.115 and Annex Vc Part CAMO - CAMO.B.115.

## 147.B.120 Continued validity procedure

- (a) ~~Each organisation shall be completely audited for compliance with this Annex (Part-147) at periods not exceeding 24 months. This shall include the monitoring of at least one training course and one examination performed by the maintenance training organisation.~~
- (b) ~~Findings shall be processed in accordance with point 147.B.130.~~

### **0201.65 – Intent of proposed changes – 147.B.120**

147.B.120 is being deleted as the content of this rule is now covered by 147.B.305.

## 147.B.125 Maintenance training organisation approval certificate

The maintenance training organisation approval certificate format shall be as detailed in Appendix II.

### 0201.66 – Intent of proposed changes – 147.B.125

Deleting as now covered in 147.B.310(e)(1).

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

### **0201.67 – Intent of proposed changes – 147.B.130**

147.B.130 is proposed to be deleted as it is now covered in 147.B.350.

## 147.B.135 Immediate reaction to a safety problem

- (a) Without prejudice to Regulation (EU) No 376/2014, the CAA must implement a system to appropriately collect, analyse and disseminate safety information.
- (b) Upon receiving the information referred to in point (a), the CAA must take adequate measures to address the safety problem.
- (c) The CAA must immediately notify measures taken under point (b) to all organisations which need to comply with them under Regulation (EU) 2018/1139.

### 0201.67 – Intent of proposed changes – 147.B.135

147.B.135 is introduced to align with other Annexes such as 145.B.135.

## **Subpart C – Revocation, Suspension and Limitation of the Maintenance Training Organisation Approval**

### **0201.68 – Intent of proposed changes – Subpart C**

Deleted as 147.B.200 is now proposed to cover the management system.

## 147.B.200 Revocation, suspension and limitation of the maintenance training organisation approval Management System

~~The CAA 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 147.B.130.~~

~~(a) The CAA must establish and maintain a management system, including as a minimum:~~

- ~~(1) documented policies and procedures to describe its organisation, the means and methods for establishing compliance with UK Regulation (EU) 2018/1139 and its delegated and implementing acts. The procedures must be kept up to date, and serve as the basic working documents within the CAA for all its related tasks;~~
- ~~(2) a sufficient number of personnel to perform its tasks and discharge its responsibilities. A system must be in place to plan the availability of personnel in order to ensure the proper completion of all tasks;~~
- ~~(3) personnel that are qualified to perform their allocated tasks and that have the necessary knowledge and experience and receive initial and recurrent training to ensure CAA;~~
- ~~(4) adequate facilities and office accommodation for personnel to perform their allocated tasks;~~
- ~~(5) a function to monitor the compliance of the management system with the relevant requirements, and the adequacy of the procedures, including the establishment of an internal audit process and a safety risk management process. Compliance monitoring must include a feedback system of audit findings to the senior management of the CAA to ensure the implementation of corrective actions as necessary;~~
- ~~(6) a person or group of persons having a responsibility to the senior management of the CAA for the compliance monitoring function.~~

(b) The CAA must, for each field of activity, including the management system, appoint one or more persons with the overall responsibility for the management of the relevant task(s).

**0201.69 – Intent of proposed changes – 147.B.200**

Title change to 'Management System'.

Current wording deleted as is now covered in 147.B.355.

The new wording supports the introduction of oversight of the management system to align with other Annexes.

## 147.B.210 Changes in the management system

(a) The CAA must have a system in place to identify the changes that affect its capability to perform its tasks and discharge its responsibilities as defined in UK Regulation (EU) 2018/1139 and its delegated and implementing acts. That system must enable the CAA to take action necessary to ensure that its management system remains adequate and effective.

### **0201.70 – Intent of proposed changes – 147.B.210**

This new rule is proposed to provide for review of the CAA's own management system to ensure that it meets its responsibilities as required by the UK Regulation (EU) 2018/1139 Basic Regulation.

## 147.B.220 Record-Keeping

(a) The CAA must establish a record-keeping system that allows the adequate storage, accessibility and reliable traceability of:

- (1) the management system's documented policies and procedures;
- (2) the training, qualifications and authorisations of its personnel;
- (3) approval processes and continuing oversight of approved organisations, including:
  - (i) the application for an organisation approval;
  - (ii) the CAA's continuing oversight programme, including all the assessments, audits and inspection records;
  - (iii) the organisations approval certificate, including any changes to it;
  - (iv) a copy of the oversight programme, listing the dates when audits are due and when audits were carried out;
  - (v) copies of all formal correspondence;
  - (vi) recommendations for the issue or continuation of an approval, details of findings and actions taken by the organisations to close those findings, including the date of closure, enforcement actions and observations;
  - (vii) copies of all the organisation maintenance training organisation expositions or manuals, and of any amendments to them;
  - (viii) copies of any other documents approved by the CAA;
- (4) the use of safeguard and flexibility provisions in accordance with Article 70, Article 71 and Article 76(4) of UK Regulation (EU) 2018/1139.

(b) The CAA must maintain a list of all the organisation approvals it has issued.

(c) All the records referred to in points (a) and (b) must be kept for a minimum period of 5 years, subject to applicable data protection law.

**0201.71 – Intent of proposed changes – 147.B.220**

This proposed new rule incorporated the previous 147.B.20. It incorporates elements of the CAA management system and expands on the minimum requirements for record keeping.

## 147.B.300 Oversight Principles

(a) The CAA must verify:

- (1) compliance with the requirements that are applicable to organisations, prior to issuing an organisation approval;
- (2) continued compliance with the applicable requirements of the organisations it has approved;
- (3) the implementation of appropriate safety measures mandated by the CAA in accordance with points 147.B.135 (b) and (c).

(b) This verification must:

- (1) be supported by documentation specifically intended to provide personnel responsible for oversight with guidance to perform their functions;
- (2) provide the organisations concerned with the results of oversight activities;
- (3) be based on assessments, audits and inspections and, if needed, unannounced inspections;
- (4) provide the CAA with the evidence needed in case further action is required, including the measures provided for in point 147.B.350.

(c) The CAA must establish the scope of the oversight set out in points (a) and (b) taking into account the results of past oversight activities and the safety priorities.

(d) The CAA must collect and process any information deemed necessary for performing oversight activities.

### 0201.72 – Intent of proposed changes – 147.B.300

This proposed new rule is introduced to align Part 147 with the other annexes such as 145.B.300 Oversight Principles.

## 147.B.305 Oversight Programme

(a) The CAA must establish and maintain an oversight programme covering the oversight activities required by point 147.B.300.

(b) The oversight programme must take into account the specific nature of the organisation, the complexity of its activities, the results of past approval or oversight activities, or both, and it must be based on the assessment of the associated risks. It must include, within each oversight planning cycle:

(1) assessments, audits and inspections, including, as appropriate:

- (i) management system assessments and process audits;
- (ii) product audits of a relevant sample of the training activities carried out by the organisation;
- (iii) unannounced inspections;

(2) meetings convened between the accountable manager and the CAA to ensure that both parties remain informed of all significant issues.

(c) The oversight planning cycle must not exceed 24 months.

(d) Notwithstanding point (c), the oversight planning cycle may be extended to 36 months if the CAA has established that during the previous 24 months:

- (1) the organisation has demonstrated that it can effectively combat fraudulent activities and ensure the security of the examination process;
- (2) the organisation has continuously demonstrated compliance with point 147.A.150 and it has full control over all changes;
- (3) no level 1 findings have been issued;
- (4) all corrective actions have been implemented within the time period that was accepted or extended by the CAA as provided for in point 147.B.350.

(e) The oversight planning cycle may be shortened if there is evidence that the safety performance of the organisation has decreased.

(f) The oversight programme must include records of the dates when assessments, audits, inspections and meetings are due, and when assessments, audits, inspections and meetings have been effectively carried out.

(g) At the completion of each oversight planning cycle, the CAA must issue a recommendation report on the continuation of the approval, reflecting the results of the oversight.

**0201.73 – Intent of proposed changes – 147.B.305**

This proposed new rule is introduced to align Part 147 with the other annexes such as 145.B.305 Oversight Programme. This includes outlining the length of an oversight cycle and how the CAA can lengthen or shorten that cycle.

## 147.B.310 Initial approval procedure

- (a) Upon receiving an application from an organisation for the initial issue of an approval, the CAA must verify the organisation's compliance with the applicable requirements.
- (b) A meeting with the accountable manager of the organisation must be convened at least once during the investigation for initial approval to ensure that that person understands their role and accountability.
- (c) The CAA must record all the findings issued, closure actions as well as the recommendations for the issue of the approval.
- (d) The CAA must confirm to the organisation in writing all the findings raised during the verification. For initial approval, all findings must be corrected to the satisfaction of the CAA before the approval can be issued.
- (e) When satisfied that the organisation complies with the applicable requirements, the CAA must:
  - (1) issue the approval certificate as established in Appendix II 'CAA Form 11' in accordance with the class and rating system provided for in Appendix IV;
  - (2) formally approve the maintenance training organisation exposition.
- (f) The approval reference number must be included on the CAA Form 11 in a manner specified by the CAA.
- (g) The approval must be issued for an unlimited duration. The privileges and the scope of the activities that the organisation is approved to conduct, including any limitations as applicable, must be specified in the terms of approval.
- (h) To enable the organisation to implement changes without prior CAA approval in accordance with point 147.A.150(c), the CAA must approve the relevant maintenance training organisation exposition procedure that sets out the scope of such changes and describes how such changes will be managed and notified to the CAA.

### 0201.74 – Intent of proposed changes – 147.B.310

This proposed new rule is introduced to align Part 147 with the other annexes such as 145.B.310 Initial Approval Procedure. It provides the requirements on the CAA for the process of issuing an initial approval.

## 147.B.330 Changes - Organisations

- (a) Upon receiving an application for a change that requires prior approval, the CAA must verify the organisation's compliance with the applicable requirements before issuing the approval.
- (b) The CAA must establish the conditions under which the organisation may operate during the change unless the CAA determines that the organisation's approval needs to be suspended.
- (c) When it is satisfied that the organisation complies with the applicable requirements, the CAA must approve the change.
- (d) Without prejudice to any additional enforcement measures, if the organisation implements changes requiring prior approval without having received the approval of the CAA pursuant to point (c), the CAA must consider the need to suspend, limit or revoke the organisation's approval.
- (e) For changes not requiring prior approval, the CAA must include the review of such changes in its continuing oversight in accordance with the principles set forth in point 147.B.300. If any non-compliance is found, the CAA must notify the organisation, request further changes, and act in accordance with point 147.B.350.

### 0201.75 – Intent of proposed changes – 147.B.330

This proposed new rule is introduced to align Part 147 with the other annexes such as 145.B.330.

This rule provides greater clarity between changes requiring and not requiring prior approval.

## 147.B.350 Findings and corrective actions; observations

(a) The CAA must have a system in place to analyse findings for their safety significance.

(b) A level 1 finding must be issued by the CAA when any significant non-compliance is detected with the applicable requirements of UK Regulation (EU) 2018/1139 and its delegated and implementing acts, with the organisation's procedures and manuals, or with the organisation's approval including the terms of approval, which lowers safety or seriously endangers flight safety. Level 1 findings must also include:

- (1) any failure to grant the CAA access to the organisation's facilities referred to in point 147.A.170 during normal operating hours and after two written requests;
- (2) obtaining the organisation approval or maintaining its validity by falsification of the submitted documentary evidence;
- (3) any evidence of malpractice or fraudulent use of the organisation approval;
- (4) the lack of an accountable manager.

(c) A level 2 finding must be issued by the CAA when any non-compliance is detected with the applicable requirements of UK Regulation (EU) 2018/1139 and its delegated and implementing acts, with the organisation's procedures and manuals, or with the organisation's approval including the terms of approval, which is not classified as a level 1 finding.

(d) When a finding is detected during oversight or by any other means, the CAA must, without prejudice to any additional action required by UK Regulation (EU) 2018/1139 and its delegated and implementing acts, communicate in writing the finding to the organisation and request corrective action to address the non-compliance identified.

- (1) If there are any level 1 findings, the CAA must take immediate and appropriate action to prohibit or limit the activities of the organisation involved and, if appropriate, it must take action to revoke the approval or to limit or suspend it in whole or in part, depending on the extent of the level 1 finding, until successful corrective action has been taken by the organisation.

(2) If there are any level 2 findings, the CAA must:

- (i) grant the organisation a corrective action implementation period that is appropriate to the nature of the finding, and that in any case must initially not be more than 3 months. The period must commence from the date of the written communication of the finding to the organisation requesting corrective action to address the non-compliance identified. At the end of that period, and subject to the nature of the finding, the CAA may extend the initial period provided that a corrective action plan has been agreed with the CAA;
- (ii) assess the corrective action plan and implementation plan proposed by the organisation, and if the assessment concludes that they are sufficient to address the non-compliance, accept them.

(3) If the organisation fails to submit an acceptable corrective action plan or fails to perform the corrective action within the time period accepted or extended by the CAA, the finding must be raised to level 1 and action must be taken as laid down in point (d)(1).

(4) The CAA must record all the findings that it has raised and, where applicable, the enforcement measures it has applied, as well as all corrective actions and the dates of the action closures for all the findings.

(e) The CAA may issue observations for any of the following cases not requiring level 1 or level 2 findings:

- (1) for any item whose performance has been assessed to be ineffective;
- (2) when it has been identified that an item has the potential to cause a non-compliance under points (b) or (c);
- (3) when suggestions or improvements are of interest for the overall safety performance of the organisation.

The observations issued under this point must be communicated in writing to the organisation and recorded by the CAA.

#### **0201.76 – Intent of proposed changes – 147.B.350**

This proposed new rule is introduced to align Part 147 with the other annexes such as 145.B.350.

This rule provides greater clarity of the levels of findings, as removed from 147.B.130.

## 147.B.355 Suspension, limitation, and revocation

The CAA must:

- (a) suspend an approval when it considers that there are reasonable grounds that such action is necessary to prevent a credible threat to aircraft safety;
- (b) suspend, revoke, or limit an approval if such action is required pursuant to point 147.B.350;
- (c) suspend or limit in whole or in part an approval if unforeseeable circumstances outside the control of the CAA prevent its inspectors from discharging their oversight responsibilities over the oversight planning cycle.

### 0201.77 – Intent of proposed changes – 147.B.355

This proposed new rule is introduced to align Part 147 with the other annexes such as 145.B.355.

This rule provides the requirements on the CAA for the suspension, limitation and revocation of approvals.

## Appendices to Annex IV (Part-147)

## Appendix I to Annex IV – 147.A.200 - Basic training course duration

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

Basic Course Rating/limitation AML (sub)category	Basic training duration (in hours)	Basic knowledge theoretical Training element (ratio in %)
BT. A1	800	30–35
BT. A2	650	30–35
BT. A3	800	30–35
BT. A4	800	30–35
BT. B1.1	2400	50–60
BT. B1.2	2000	50–60
BT. B1.E	2000	50–60
BT. B1.3	2400	50–60
BT. B1.4	2400	50–60
BT. B2	2400	50–60
BT. B2L	1500 (*)	50–60
BT. B3	1000	50–60

(\*) This number of hours must be increased as follows, depending on the additional system ratings selected:

Limitation (B2L AML System rating)	Additional training duration (in hours)	Basic knowledge theoretical training element (ratio in %)
COM/NAV	90	50-60
INSTRUMENTS	55	
AUTOFLIGHT	80	
SURVEILLANCE AIRFRAME SYSTEMS	40	
	100	

### 0201.78 – Intent of proposed changes – Part 147 - Appendix I

Appendix I title is amended to 'Appendix I to Annex IV – 147.A.200 Basic Training' to align with other annexes and to clearly refer to 147.A.200.

Appendix I is updated to include the B1.E category.

## Appendix II to Annex IV - 147.B.310 Initial approval procedure Maintenance Training Organisation Approval CAA Form 11

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[MEMBER STATE (\*)]  
A Member of the European Union (\*\*)

### MAINTENANCE TRAINING AND EXAMINATION ORGANISATION APPROVAL CERTIFICATE

Reference: [MEMBER STATE CODE\*].147.[XXXX]

Pursuant to Regulation (EU) 2018/1139 of the European Parliament and of the Council and to Commission Regulation (EU) No 1321/2014, for the time being in force and subject to the condition specified below, the [COMPETENT AUTHORITY OF THE MEMBER STATE (\*)] hereby certifies:

[COMPANY NAME AND ADDRESS]

as a maintenance training organisation in compliance with Section A of Annex IV (Part-147) of Regulation (EU) No 1321/2014, approved to provide training and conduct examinations listed in the approval schedule attached and to issue related certificates of recognition to students using the above references.

#### CONDITIONS:

1. This approval is limited to what is specified in the scope of work section of the approved maintenance training organisation exposition as referred to in Section A of Annex IV (Part-147); and
2. this approval requires compliance with the procedures specified in the approved maintenance training organisation exposition; and
3. this approval is valid whilst the approved maintenance training organisation remains in compliance with Annex IV (Part-147) of Regulation (EU) No 1321/2014; and
4. subject to compliance with the foregoing 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 competent authority: [COMPETENT AUTHORITY OF THE MEMBER STATE (\*)]

## MAINTENANCE TRAINING AND EXAMINATION ORGANISATION APPROVAL SCHEDULE

Reference: [MEMBER STATE CODE (\*)].147.[XXXX]

Organisation: [COMPANY NAME AND ADDRESS]

CLASS	LICENCE CATEGORY	LIMITATION	
BASIC (**)	B1 (**)	TB1.1 (**)	AEROPLANES TURBINE (**)
		TB1.2 (**)	AEROPLANES PISTON (**)
		TB1.3 (**)	HELICOPTERS TURBINE (**)
		TB1.4 (**)	HELICOPTERS PISTON (**)
	B2 (**)/(***)	TB2 (**)	AVIONICS (**)
	B2L (**)	TB2L (**)	AVIONICS (indicate system rating) (**)
	B3 (**)	TB3 (**)	PISTON ENGINE NON-PRESSURISED AEROPLANES 2 000 KG MTOM AND BELOW (**)
	A (**)	TA.1 (**)	AEROPLANES TURBINE (**)
		TA.2 (**)	AEROPLANES PISTON (**)
		TA.3 (**)	HELICOPTERS TURBINE (**)
		TA.4 (**)	HELICOPTERS PISTON (**)
TYPE/TASK (**)	L (**)(Only examination)	TL (**)	QUOTE THE SPECIFIC LICENCE SUB-CATEGORY (**)
	C (**)	T4 (**)	[QUOTE AIRCRAFT TYPE] (***)
	B1 (**)	T1 (**)	[QUOTE AIRCRAFT TYPE] (***)
	B2 (**)	T2 (**)	[QUOTE AIRCRAFT TYPE] (***)
	A (**)	T3 (**)	[QUOTE AIRCRAFT TYPE] (***)

This approval schedule is limited to those trainings and examinations specified in the scope of work section of the approved maintenance training organisation exposition.

Maintenance training organisation exposition reference: .....

Date of original issue: .....

Date of last revision approved: ..... Revision No: .....

Signed: .....

For the competent authority:[COMPETENT AUTHORITY OF THE MEMBER STATE (\*)]

Above Form 11 page 2 replaced by the below, with amendments required to amend CAA or member state to UK CAA. Ensure regulatory references are to UK reg (EU) not EASA Reg.

(a) the identification of the form 'CAA Form 11 Issue 6' is replaced by 'CAA Form 11 Issue 7'

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**'MAINTENANCE TRAINING AND EXAMINATION ORGANISATION APPROVAL SCHEDULE**

Reference: [MEMBER STATE CODE (\*)].147.[XXXX]

Organisation: [COMPANY NAME AND ADDRESS]

CLASS	LICENCE CATEGORY	LIMITATION	
BASIC (**)	B1 (**)	TB1.1 (**)	AEROPLANES TURBINE (**)
		TB1.2 (**)	AEROPLANES PISTON (**)
		TB1.E (**)	AEROPLANES WITH AN ELECTRIC POWER PLANT, WITH 5 700 KG MTOM AND BELOW (**)
		TB1.3 (**)	HELICOPTERS TURBINE (**)
		TB1.4 (**)	HELICOPTERS PISTON (**)
	B2 (**)/(****)	TB2 (**)	AVIONICS (**)
	B2L (**)	TB2L (**)	AVIONICS (indicate system rating) (**)
	B3 (**)	TB3 (**)	PISTON-ENGINE NON-PRESSURISED AEROPLANES 2 000 KG MTOM AND BELOW (**)
	A (**)	TA.1 (**)	AEROPLANES TURBINE (**)
		TA.2 (**)	AEROPLANES PISTON (**)
		TA.3 (**)	HELICOPTERS TURBINE (**)
		TA.4 (**)	HELICOPTERS PISTON (**)
TYPE/TA SK (**)	L (**)(Only examination)	TL (**)	QUOTE THE SPECIFIC LICENCE SUBCATEGORY (**)
	C (**)	T4 (**)	[QUOTE AIRCRAFT TYPE] (***)
	B1 (**)	T1 (**)	[QUOTE AIRCRAFT TYPE] (***)
	B2 (**)	T2 (**)	[QUOTE AIRCRAFT TYPE] (***)
	A (**)	T3 (**)	[QUOTE AIRCRAFT TYPE] (***)

This approval schedule is limited to those trainings and examinations specified in the "Scope of work" section of the approved maintenance training organisation exposition.

Maintenance training organisation exposition reference:

.....

Date of original issue:

.....

Date of last revision approved: ..... Revision No: .....

Signed: .....

For the competent authority:[COMPETENT AUTHORITY OF THE MEMBER STATE  
(\*)]

EASA Form 11 Issue 7

(\*) Or EASA if EASA is the competent authority.

(\*\*) Delete as appropriate if the organisation is not approved.

(\*\*\*) Complete with the appropriate rating and limitation.

(\*\*\*\*) The approval for the Basic B2 course/examination includes approval for B2L course/examination for all system ratings.';

## **Maintenance Training Organisation Approval Certificate — CAA FORM 11**

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**UK CAA**

### **MAINTENANCE TRAINING AND EXAMINATION ORGANISATION APPROVAL-CERTIFICATE**

Reference: UK.147.[XXXX]

Pursuant to ~~UK~~ Regulation (EU) 2018/1139 of the European Parliament and of the Council and to ~~Commission~~ UK Regulation (EU) No 1321/2014, ~~for the time being in force~~ and subject to the conditions specified below, the UK CAA hereby certifies:

**[COMPANY NAME AND ADDRESS]**

as a maintenance training organisation in compliance with Section A of Annex IV (Part-147) of ~~to~~ UK Regulation (EU) No 1321/2014, approved to provide training ~~activities and conduct examinations~~ listed in the attached terms of approval ~~schedule attached and to issue related certificates of recognition to students~~ using the above references.

#### **CONDITIONS:**

1. This approval is limited to ~~what is that~~ specified in the scope of work section of the approved maintenance training organisation exposition as referred to in Section A of Annex IV (Part-147); and

2. This approval requires compliance with the procedures specified in the approved maintenance training organisation exposition; and

3. This approval is valid whilst the approved maintenance training organisation remains in compliance with Annex IV (Part-147) of Regulation (EU) No 1321/2014; and

4. Subject to compliance with the foregoing conditions, this approval shall must 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 UK CAA

UK CAA Form 11 Issue 7

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**MAINTENANCE TRAINING AND EXAMINATION ORGANISATION TERMS OF APPROVAL SCHEDULE**

Reference: [UK.147.[XXXX]]

Organisation: [COMPANY NAME AND ADDRESS]

CLASS	LICENCE CATEGORY RATING	LIMITATION	AIRCRAFT TYPE RATING
BASIC TRAINING (*)	(**)	(**)	(**)
AIRCRAFT TYPE TRAINING / TASK (*)	(**)	(**)	(**)
AIRCRAFT TYPE EVALUATION (*)	(**)	(**)	(**)
AIRCRAFT TASK TRAINING (*)	(**)	(**)	(**)

This These terms of approval schedule is are limited to those trainings activities and examinations specified in the scope of work section of the approved maintenance training organisation exposition.

Maintenance Training Organisation Exposition reference: .....

Date of original issue: .....

Date of last revision approved: ..... Revision No: .....

Signed: .....

For the UK CAA

CAA Form 11 Issue 67

(\*) Delete as appropriate if the organisation is not approved.

(\*\*) Complete with the appropriate rating and limitation.

(\*\*\*\*) The approval for the Basic B2 course/examination includes approval for B2L course/examination for all system ratings.

### **0201.79 – Intent of proposed changes – Part 147 - Appendix II**

Appendix II title is amended to 'Appendix II to Annex IV – 147.B.310 Initial Approval Procedure' to align with other annexes and the amendment to 147.B.310 title.

The CAA Form 11 is updated to include the B1.E category.

## Appendix III to Annex IV – 147.A.145 Privileges of the organisation – Certificates of Recognition referred to in Annex IV (Part 147) – CAA Forms 148 and 149

### 1. Basic Training and Examination

(a) The basic training certificate template must shall be used for recognition of completion of either the basic training or of the basic knowledge theoretical examination element, or both the basic training and basic training examinations.

The training certificate shall clearly identify each individual module examination by date passed together with the corresponding version of Appendix I to Annex III (Part 66).

(b) The certificate may only be issued to one person and must clearly identify such person by:

- (1) full name;
- (2) date of birth;
- (3) place of birth.

(c) The certificate may be issued by only one approved maintenance training organisation and must clearly identify the issuing organisation by:

- (1) registered name;
- (2) address, to be understood as principal place of business;
- (3) approval number.

(d) The certificate may only be issued for one basic training or part of a basic training and must clearly identify such training by:

- (1) the dates of commencement and finalisation of the basic training, and the duration in hours;
- (2) the location where the basic training was conducted;
- (3) the corresponding aircraft maintenance licence (sub)category, or (sub)categories in the case of a combined training for more than one category or subcategory from the terms of approval;
- (4) the knowledge level referred to in Appendix I and Appendix VII to Annex III (Part-66).

(e) The certificate may be issued to several modules of the basic knowledge theoretical examination element and must clearly identify each module examination by:

- (1) The date when the examination was passed;
- (2) the location where the examination was conducted;
- (3) the corresponding aircraft maintenance licence (sub)category or (sub)categories;
- (4) the knowledge level referred to in Appendix I and Appendix VIII to Annex III (Part-66).

(f) A certificate of recognition for basic training or basic knowledge theoretical examination(s) may be issued only on CAA Forms 148a or 148b;

(g) CAA Form 148a must be used for basic training and basic knowledge theoretical examinations conducted by a training organisation approved in accordance with Annex IV (Part-147).

(h) CAA Form 148b must be used for basic knowledge theoretical examinations conducted by the CAA in accordance with Section B, Subpart C of Annex III (Part-66) to UK Regulation (EU) No 1321/2014.

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**CERTIFICATE OF RECOGNITION**

Reference: UK.147. XXXX . YYYY

The certificate of recognition is issued to:

[NAME]  
[DATE and PLACE OF BIRTH]

By:

[COMPANY NAME AND ADDRESS]  
Reference: UK.147. XXXX

a maintenance training organisation approved to provide training and conduct examinations within its approval schedule and in accordance with [Annex IV \(Part-147\)](#) of Regulation (EU) No 1321/2014.

This certificate confirms that the above named person either successfully passed the approved basic training course (\*\*) or the basic examination (\*\*) stated below in compliance with Regulation (EC) No 2018/1139 of the European Parliament and of the Council and to Commission Regulation (EU) No 1321/2014 for the time being in force.

[BASIC TRAINING COURSE (\*\*) or/and BASIC EXAMINATION (\*\*)]

[LIST OF PART-66 MODULES/DATE OF EXAMINATION PASSED]

Date: .....

Signed: .....

For: [COMPANY NAME]

CAA Form 148 Issue 1

(\*\*) Delete as appropriate

Above replaced with the below

Page 1 of 1

**CERTIFICATE OF RECOGNITION**

Reference: [UK.147.[XXXX].[YYYYY]]

This certificate of recognition is issued to:

[NAME]

[DATE and PLACE OF BIRTH]

By:

[COMPANY NAME AND ADDRESS]

Reference: [UK.147.[XXXX]]

a maintenance training organisation approved to provide training and ~~conduct examinations~~ within its approval schedule and in accordance with Annex IV (Part-147) to UK Regulation (EU) No 1321/2014.

This certificate attests that the above-named person has successfully attended and/or passed (\*) the ~~approved~~ basic training course(s) (\*) and/or the basic knowledge theoretical examination(s) (\*) stated below in compliance with UK Regulation (EU) 2018/1139 of the European Parliament and of the Council and with UK Regulation (EU) No 1321/2014.

[BASIC TRAINING COURSE(S) (\*)]/

[START and END DATES, DURATION],[LOCATION]

[SPECIFY THE AML (SUB)CATEGORY), KNOWLEDGE LEVEL]

or

[BASIC KNOWLEDGE THEORETICAL EXAMINATION(S) (\*)]

[LIST OF PART-66 MODULES]/

[LOCATION AND DATE OF EXAMINATION PASSED]

[SPECIFY THE AML (SUB)CATEGORY), KNOWLEDGE LEVEL]

Date: .....

Signed: .....

For: [COMPANY NAME]

CAA Form 148a Issue 12

(\*) Delete as appropriate. Possible cases:

- attended and passed the basic training course(s); or
- attended only the basic training course(s); or
- passed only the basic knowledge theoretical examination(s).

Form 148b is added.

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## CERTIFICATE OF RECOGNITION

Reference: [UK.CAA.[XXXX].[YYYY]]

This certificate of recognition is issued to:

[NAME]

[DATE and PLACE OF BIRTH]

By:

UK CAA

[CAA ADDRESS]

after having conducted examination in accordance with Section B, Subpart C of Annex III (Part-66) to UK Regulation (EU) No 1321/2014.

This certificate attests that the above-named person has successfully passed the basic knowledge theoretical examination(s) stated below in compliance with UK Regulation (EU) 2018/1139 of the European Parliament and of the Council and with UK Regulation (EU) No 1321/2014.

[BASIC KNOWLEDGE THEORETICAL EXAMINATION(S)]

[LIST OF PART-66 MODULES]

[LOCATION AND DATE OF EXAMINATION PASSED]

[SPECIFY THE AML (SUB)CATEGORY), KNOWLEDGE LEVEL]

Date: .....

Signed: .....

For: [UK CAA]

CAA Form 148b Issue 1

## 2. Aircraft Type Training and Examination

(a) The aircraft type training certificate template must shall be used for recognition of completion of either the aircraft type theoretical elements or the aircraft type practical assessment elements, or both the theoretical and practical elements of the type rating training course.

(b) The certificate may only be issued to one person and must clearly identify such person by:

- (1) full name;
- (2) date of birth;
- (3) place of birth.

(c) The certificate may be issued by only one approved maintenance training organisation and must clearly identify the issuing organisation by:

- (1) registered name;
- (2) address, to be understood as principal place of business;
- (3) approval number.

(d) The certificate may only be issued for one aircraft type training or part of an aircraft type training and must clearly identify such training by:

- (1) the dates of commencement and finalisation, and the duration in hours;
- (2) the dates when the theoretical examination and practical assessment were passed, as applicable;
- (3) the location where the aircraft type training was conducted;
- (4) the corresponding aircraft maintenance licence (sub)category, or (sub)categories in the case of a combined training for more than one category or subcategory from the terms of approval;
- (5) the knowledge level referred to in Appendix I and Appendix VII to Annex III (Part-66);
- (6) the corresponding aircraft type rating or, in the case of aircraft type training covering the differences between two different aircraft type ratings of the same manufacturer, both the corresponding aircraft type rating and the aircraft type rating from which the differences are identified, as well as the interface areas;
- (7) the indication of the airframe-engine (or powerplant) combination.

(e) A certificate of recognition for aircraft type theoretical examination or aircraft type practical assessment may be issued only on CAA Forms 149a or 149b.

(f) CAA Form 149a must be used for aircraft type theoretical examinations or aircraft type practical assessments conducted by a training organisation approved in accordance with Annex IV (Part 147).

(g) CAA Form 149b must be used for aircraft type theoretical examinations conducted by the CAA in accordance with Section B, Subpart C of Annex III (Part 66) to UK Regulation (EU) No 1321/2014 or as recognition of completion of aircraft type training approved through the direct approval procedure of point 66.B.130 of Annex III (Part 66).

### 3. Aircraft Type Evaluation

(a) The aircraft type evaluation certificate template must be used for recognition of completion of either the aircraft type theoretical examination element or the aircraft type practical assessment element, or both elements.

(b) The certificate may only be issued to one person and must clearly identify such person by:

- (1) full name;
- (2) date of birth;
- (3) place of birth.

(c) The certificate may be issued by only one approved maintenance training organisation and must clearly identify the issuing organisation by:

- (1) registered name;
- (2) address, to be understood as principal place of business;
- (3) approval number.

(d) The certificate may only be issued for one aircraft type evaluation and must clearly identify such training by:

- (1) the dates when the aircraft type evaluation was passed;
- (2) the location where the aircraft type evaluation was conducted;
- (3) the corresponding aircraft maintenance licence (sub)category;
- (4) the corresponding aircraft type rating.

(e) A certificate of recognition for aircraft type evaluation may be issued only on CAA Forms 149a or 149b, adapted accordingly.

(f) CAA Form 149a must be used for aircraft type evaluation conducted by a training organisation approved in accordance with Annex IV (Part-147).

(g) CAA Form 149b must be used for aircraft type evaluations conducted by the CAA in accordance with Appendix III to Annex III (Part-66).

### 4. Aircraft Task Training

(a) The aircraft type evaluation certificate template must be used for recognition of completion of either the aircraft type theoretical examination element or the aircraft type practical assessment element, or both elements.

(b) The certificate may only be issued to one person and must clearly identify such person by:

- (1) full name;
- (2) date of birth;

(3) place of birth.

(c) The certificate may be issued by only one approved maintenance training organisation and must clearly identify the issuing organisation by:

(1) registered name;

(2) address, to be understood as principal place of business;

(3) approval number.

(d) The certificate may only be issued for one aircraft task training and must clearly identify such training by:

(1) the dates of commencement and finalisation, and the duration in hours

(2) the location where the aircraft task training was conducted;

(3) the corresponding aircraft maintenance licence (sub)category;

(4) the corresponding aircraft type rating.

(e) A certificate of recognition for aircraft task training may be issued only on CAA Form 149a, adapted accordingly.

(f) CAA Form 149a must be used for aircraft task training conducted by a training organisation approved in accordance with Annex IV (Part 147).

~~The certificate shall indicate the airframe/engine combination for which the training was imparted.~~

~~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 course) or a difference course based upon the applicant previous experience, for instance A340 (CFM) course for A320 technicians. If the course is not a complete one, the certificate shall identify whether the interface areas have been covered or not.~~

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**CERTIFICATE OF RECOGNITION**

Reference: UK.147.XXXX . YYYY

The certificate of recognition is issued to:

[NAME]

By:

[DATE AND PLACE OF BIRTH]

[COMPANY NAME AND ADDRESS]

Reference: UK.147. XXXX

a maintenance training organisation approved to provide training and conduct examinations within its approval schedule and in accordance with Annex IV (Part-147) of Regulation (EU) No 1321/2014.

This certificate confirms that the above named person either successfully passed the theoretical (\*\*) and/or the practical elements (\*\*) of the approved type training course stated below and the related examinations in compliance with Regulation (EC) No 2018/1139 of the European Parliament and of the Council and to Commission Regulation (EU) No 1321/2014 for the time being in force.

[AIRCRAFT TYPE] TRAINING COURSE (\*\*)   
 [START AND END DATES]   
 [THEORETICAL ELEMENTS AND/OR PRACTICAL ELEMENTS]   
 OR   
 [AIRCRAFT TYPE] EXAMINATION (\*\*)   
 [END DATE]

Date: .....

Signed: .....

For: [COMPANY NAME]

CAA Form 149 Issue 1

(\*\*) Delete as appropriate

Above is replaced by the below.

'Page 1 of 1

CERTIFICATE OF RECOGNITION

Reference: [UK.147.[XXXX].[YYYYY]

This certificate of recognition is issued to:

[NAME]

[DATE and PLACE OF BIRTH]

By:

[COMPANY NAME AND ADDRESS]

Reference: [UK.147.[XXXX]

a maintenance training organisation approved to provide training ~~and conduct examinations~~ within its approval schedule and in accordance with Annex IV (Part-147) to UK Regulation (EU) No 1321/2014.

This certificate attests that the above-named person has successfully passed the theoretical (\*) and/or the practical elements (\*) of the ~~approved aircraft type training course~~; or completed the aircraft type evaluation (\*); or completed the aircraft task training (\*) stated below in compliance with UK Regulation (EU) 2018/1139 of the European Parliament and of the Council and with UK Regulation (EU) No 1321/2014.

[AIRCRAFT TYPE TRAINING COURSE (\*)]

[START and END DATES],

DURATION/[LOCATION]

[SPECIFY THE THEORETICAL/PRACTICAL ELEMENTS, AML(SUB)CATEGORY], KNOWLEDGE LEVEL]  
or

[AIRCRAFT TYPE EVALUATION (\*)]

[END DATE]/[LOCATION]

[SPECIFY THE AIRCRAFT TYPE RATING, AML (SUB)CATEGORY]

or

[AIRCRAFT TASK TRAINING (\*)]

[START and END DATES, DURATION],[LOCATION]

[SPECIFY THE AIRCRAFT TYPE RATING, AML (SUB)CATEGORY]

Date:.....

Signed:.....

For: [COMPANY NAME]

CAA Form 149a Issue 42

(\*) Delete as appropriate. Possible cases:

- completely attended and passed the theoretical elements and positively assessed on the practical elements of the type training course; or
- completely attended and passed only the theoretical elements; or
- positively assessed on the practical elements; or
- positively completed the aircraft type evaluation; or
- positively completed the aircraft task training.

Form 149b is added.

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## CERTIFICATE OF RECOGNITION

Reference: [UK. DCA] [XXXX(\*\*)][YYYY]]

This certificate of recognition is issued to:

[NAME]

[DATE and PLACE OF BIRTH]

By:

[COMPANY / INDIVIDUAL NAME AND  
ADDRESS]

Reference: [INSERT APPROVAL NUMBER IF

HELD]

after having conducted examination in accordance with Section B, Subpart C of Annex III (Part-66) to UK Regulation (EU) No 1321/2014 ~~or according to the procedure for the direct approval of aircraft type training of point 66.B.130 of Annex III (Part-66) to UK Regulation (EU) No 1321/2014.~~

This certificate attests that the above-named person has successfully passed the theoretical (\*) and/or the practical elements (\*) of the ~~approved~~ aircraft type training course; or completed the aircraft type evaluation (\*) stated below in compliance with Regulation (EU) 2018/1139 of the European Parliament and of the Council and with UK Regulation (EU) No 1321/2014.

[AIRCRAFT TYPE TRAINING COURSE (\*)]

[START and END DATES]

[DURATION]/[LOCATION]

[SPECIFY THE THEORETICAL/PRACTICAL ELEMENTS, AML (SUB)CATEGORY], KNOWLEDGE LEVEL ]

or

[AIRCRAFT TYPE EVALUATION (\*)]

[END DATE]/[LOCATION]

[SPECIFY THE AIRCRAFT TYPE RATING, AML (SUB)CATEGORY]

Date: .....
Signed: .....
For: UK CAA
<p>CAA Form 149b Issue 1</p> <p>(*) Delete as appropriate. Possible cases:</p> <ul style="list-style-type: none"><li>— completely attended and passed the theoretical elements and positively assessed on the practical elements of the type training course; or</li><li>— completely attended and passed only the theoretical elements; or</li><li>— positively assessed on the practical elements; or</li><li>— positively completed the aircraft type evaluation.'</li></ul> <p>(**) insert DCA number as issued by the CAA.</p>

### **0201.80 – Intent of proposed changes – Part 147 - Appendix III**

The title of Appendix III is amended to 'Appendix III to Annex IV – 147.A.145 Privileges of the organisation' to align with other annexes and amendments to Part 147. This provides a clear link to the amended 147.A.145.

The requirements regarding the persons identity on the certificates intends to reduce fraud, replication or modification of course certificates by making the certificate more specific to the individual and the course conducted.

The forms are amended to reflect the changes made to Part 147.

Forms 148b 149b are added for CAA issued CofR's.

## Appendix IV - Certificates of Recognition referred to in Annex IV (Part-147) — 147.A.20 Terms of approval and scope of work Class and rating system for the terms of approval of Part 147 maintenance training organisations

(a) The table referred to in point (k) provides the possible classes and ratings to be used to establish the terms of approval of the organisation approved in accordance with Annex IV (Part-147). An organisation must be granted terms of approval that range from a single class and rating with limitations to all classes and ratings with limitations.

(b) In addition to the table in point (k), each maintenance training organisation is required to indicate its scope of work in its maintenance training organisation exposition.

(c) Within the approval class(es) and rating(s) established by the CAA, the scope of work specified in the maintenance training organisation exposition defines the exact limits of its approval. It is therefore essential that the approval class(es) and rating(s) and the organisation's scope of work match.

(d) Category 'Basic training' class rating Basic training must consist of basic knowledge theoretical training and examinations, and basic knowledge practical training and assessments referred to in the Appendices to Annex III (Part-66) applicable to the aircraft maintenance licence category or subcategory at the level required by the Appendices. When the organisation has more than one category or subcategory basic training in its terms of approval, a combined training for more than one category or subcategory from its terms of approval and training necessary for the change of an aircraft maintenance licence by adding a category or subcategory (extension), must be considered part of the terms of approval, subject to both (sub)categories being covered by the scope of work of basic training. Basic knowledge theoretical examination without its corresponding basic knowledge theoretical training must be considered part of the terms of approval. The limitation column must specify the scope of basic training by aircraft maintenance licence category or subcategory, when applicable, thereby indicating the extent of the approval.

(e) Category 'Aircraft type training' class rating Aircraft type training must consist of aircraft type theoretical training and examination, and aircraft type practical training and assessment, specific to an entire aircraft maintenance licence category or subcategory and must be approved by the CAA. Training covering the differences between two different aircraft type ratings of the same manufacturer or between two aircraft maintenance licence categories for the endorsement with the same aircraft type rating, must be considered part of the terms of approval, subject to both aircraft types being covered by the scope of work for aircraft type training. The aircraft type rating column must specify the aircraft type rating, thereby indicating the extent of the approval.

## (f) Category 'Aircraft type evaluation' class rating

Aircraft type evaluation must consist of aircraft type theoretical examination and aircraft type practical assessment, specific to an entire aircraft maintenance licence category or subcategory.

The *aircraft type rating* column must specify the aircraft type rating, thereby indicating the extent of the approval.

## (g) Category 'Aircraft task training' class rating

Aircraft task training must consist of aircraft task theoretical training and examination, and aircraft task practical training and assessment, specific to an entire aircraft maintenance licence A category or subcategory.

The *aircraft type rating* column must specify the aircraft type rating, thereby indicating the extent of the approval.

The maintenance training organisation exposition must contain the detailed scope of work, to include a list of tasks for each aircraft of the aircraft task training class rating.

(h) The *limitation* column is intended to give the CAA the flexibility to customise an approval for any particular organisation. Ratings may only be mentioned on the approval if they are appropriately limited. The table in point (k) specifies the types of limitations that are possible.

(i) When reference is made to *aircraft type rating*, it must be understood as the aircraft type rating used for the endorsement of aircraft maintenance licences referred to in Annex III (Part-66).

(j) By way of derogation from point 147.A.150(a)(1), when an aircraft task training list is used that could be subject to frequent amendments, then the organisation may propose to include such amendments in the procedure referred to in point 147.A.150(c) for changes not requiring prior approval.

## (k) Organisation class ratings table

CLASS	RATING	LIMITATION	AIRCRAFT TYPE RATING
BASIC TRAINING	BT.A (Category A AML)	A1 – AEROPLANES TURBINE	
		A2 – AEROPLANES PISTON	
		A3 – HELICOPTERS TURBINE	
		A4 – HELICOPTERS PISTON	
	BT.B1 (Category B1 AML)	B1.1 – AEROPLANES TURBINE B1.2 – AEROPLANES PISTON B1.3 – HELICOPTERS TURBINE B1.4 – HELICOPTERS PISTON	
	BT.B1.E	AEROPLANES WITH ELECTRIC POWERPLANT AND MTOM BELOW 5700 KG.	
	BT.B2 (Category B2 AML)	B2 – ALL AIRCRAFT AVIONICS	

	BT.B2L (Category B2L AML)	B2L – COMMUNICATION/NAVIGATION (COM/NAV)	
		B2L – INSTRUMENTS	
		B2L – AUTOFIGHT	
		B2L – SURVEILLANCE	
		B2L – AIRFRAME SYSTEMS	
	BT.B3 (Category B3 AML)	B3 – PISTON ENGINE NON-PRESSURISED AEROPLANES 2 000 KG MTOM AND BELOW	
		L1C – COMPOSITE SAILPLANE S	
	BT.L (Category L AML)	L1 – SAILPLANES	
		L2C – COMPOSITE POWERED SAILPLANES AND COMPOSITE ELA1 AEROPLANES	
		L2 – POWERED SAILPLANES AND ELA1 AEROPLANES	
		L3H – HOT-AIR BALLOONS	
		L3G – GAS BALLOONS	
		L4H – HOT-AIR AIRSHIPS	
		L4G – ELA2 GAS AIRSHIPS	
AIRCRAFT TYPE / TASK TRAINING	ATT.B1 (Category B1 AML)	L5 – GAS AIRSHIPS OTHER THAN ELA2	
		T1	[Must state the aircraft type rating(s)]
		T2	[Must state the aircraft type rating(s)]
		T3	[Must state the aircraft type rating(s)]
		T4	[Must state the aircraft type rating(s)]
	ATT.L (Category L AML)	L5 –	[Must state the aircraft type rating(s)]
For aircraft in points 66.A.3(a)(8) and (b), the CAA must identify the organisation class ratings and limitations according to the licence (sub)category(ies) approved by the CAA for that aircraft.			

**0201.81 – Intent of proposed changes – Part 147 - Appendix IV**

Appendix IV is added to provide the requirements for completing the CAA Form 11.