

Civil Aviation Rules



Part 145

CAA Consolidation

10 March 2017

Aircraft Maintenance Organisations — Certification

DESCRIPTION

Part 145 prescribes rules governing the certification and operation of aircraft maintenance organisations.

This document is the current consolidated version of Part 145 produced by the Civil Aviation Authority, and serves as a reference only. It is compiled from the official ordinary rules that have been signed into law by the Minister of Transport. Copies of the official rule and amendments as signed by the Minister of Transport may be obtained from the Civil Aviation Authority or may be downloaded from the official web site at: www.caa.govt.nz

Bulletin

This Part first came into force on 16 February 1992 and now incorporates the following amendments:

Amendment	Effective Date
Amendment 1	7 October 1993
Amendment 2	1 June 1995
Amendment 3	8 February 1996
Amendment 4	1 April 1997
Amendment 5	1 April 1997
Amendment 6	25 December 1997
Amendment 7	1 March 2007
Amendment 8	25 October 2007
Amendment 9	25 March 2010
Amendment 10	1 November 2010
Amendment 11	1 April 2014
Amendment 12	24 September 2015
Amendment 13	1 February 2016
Amendment 14	10 March 2017

Summary of amendments:

Amendment 1 (Docket 1060)	The title of Part 145 is amended, the following rules are amended: 145.1(b), 145.13(a), 145.13(c), 145.13(d), 145.15, 145.19, 145.51(a), 145.51, 145.53, 145.55, 145.57, 145.59, 145.61, 145.63 and 145.109, the following rules are revoked and substituted: 145.1(a), 145.5, 145.7, 145.11, 145.13(b), 145.17, 145.53(a)(1), 145.109(a)(2), 145.101, 145.103, 145.105, 145.107, 145.109(a), 145.111, 145.113 and 145.115, Appendix 2 is revoked.
Amendment 2 (Docket 1030)	Rule 145.103, Appendices A.1, A.2 and A.3 are revoked and substituted.
Amendment 3 (Docket 1160)	The following rules are revoked and substituted: 145.7, 145.9, 145.11, 145.17, 145.19 and 145.107(b), the following rules are amended: 145.13, 145.53, 145.101, 145.105 and 145.115, rule 145.117 is

	inserted and rule 145.111 is revoked.
Amendment 4 (Docket 1007)	Rule 145.60 is inserted, rules 145.61, 145.63, 145.103 and 145.115 are revoked and substituted.
Amendment 5 (Docket 1062)	Appendix A is amended.
Amendment 6 Dockets 1253 & 1259)	Part 145 is revoked and re-issued.
Amendment 7 (1/CAR/1357)	The following rules are revoked and substituted: 145.1, 145.11, 145.59, 145.60, 145.63, 145.67, 145.105, and Appendix A. Rule 145.52 is inserted.
Amendment 8 (5/CAR/3)	Rule 145.51 is revoked and substituted.
Amendment 9 (9/CAR/1)	Rule 145.5 is revoked and replaced. Appendix A is revoked.
Amendment 10 (EDTO – Docket 0/CAR/1354)	Rule 145.60 is revoked and replaced.
Amendment 11 (13/CAR/1)	Rule 145.7 is revoked and replaced.
Amendment 12 (14/CAR/3)	Rules 145.11, 145.67 and 145.103 are replaced. Rule 145.68 is inserted.
Amendment 13 (8/CAR/1)	Rules 145.51, 145.60, 145.65, 145.67 and 145.105 are revoked and replaced and rules 145.151, 145.153 and 145.155 are inserted.
Amendment 14 (16/CAR/1)	Amending rules 145.151 and 145.153 (the Safety Management transition rules) to clarify matters to do with the timing and submission of implementation plans and to correct references to applicants and to

remove paragraph (f) of the existing rule.

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Subpart A — General

145.1 Purpose

This Part prescribes rules governing the certification and operation of aircraft maintenance organisations.

145.3 Definitions Reserved

145.5 Requirement for certificate

A person must not (except under the authority of and in accordance with the provisions of a maintenance organisation certificate granted in accordance with this Part) perform maintenance on an aircraft or component, or certify that aircraft or component for release-to-service, if under Parts 43, 121, 125, or 135 the aircraft or component must be maintained by or under the authority of a maintenance organisation certificated in accordance with this Part.

145.7 Application for certificate

(a) An applicant for the grant of a maintenance organisation certificate must complete form CAA 24145/01, which requires—

- (1) the name and address for service in New Zealand of the applicant; and
- (2) further details relating to the applicant that the Director may require as specified on the form.

(b) The applicant must submit to the Director the completed form CAA 24145/01 with a payment of the appropriate application fee prescribed by regulations made under the Act.

145.9 Issue of certificate

An applicant is entitled to a maintenance organisation certificate if the Director is satisfied that—

- (1) the applicant meets the requirements of Subpart B; and
- (2) the applicant's senior person or persons required by 145.51(a) are fit and proper persons; and

- (3) the granting of the certificate is not contrary to the interests of aviation safety.

145.11 Privileges of certificate holder

(a) A maintenance organisation certificate specifies 1 or more of the following maintenance ratings for which the certificate is issued:

- (1) A1 for the maintenance of aircraft with a MCTOW of more than 13 610 kg as detailed in the organisation's exposition:
- (2) A2 for the maintenance of aircraft with a MCTOW of more than 5700 kg but not exceeding 13 610 kg as detailed in the organisation's exposition:
- (3) A3 for the maintenance of aircraft with a MCTOW of 5700 kg or less and a maximum certificated passenger seating configuration, excluding any required crew member seat, of 10 seats or more:
- (4) A4 for the maintenance of aircraft with a MCTOW of 5700 kg or less and a maximum certificated passenger seating configuration, excluding any required crew member seat, of 9 seats or less:
- (5) C1 for the maintenance of aircraft engines and propellers as detailed in the organisation's exposition:
- (6) C2 for the maintenance of components as detailed in the organisation's exposition:
- (7) C3 for the maintenance of aircraft electrical equipment as detailed in the organisation's exposition:
- (8) C4 for the maintenance of aircraft instrument equipment as detailed in the organisation's exposition:
- (9) C5 for the maintenance of aircraft radio equipment as detailed in the organisation's exposition:
- (10) E1 for the conduct of aircraft maintenance engineer training as detailed in the organisation's exposition:

- (11) F1 for the maintenance of foreign aircraft and components for foreign aircraft as detailed in the organisation's exposition and in accordance with a technical arrangement with the State of registry of the aircraft:
- (12) P1 for the maintenance of aircraft and components involving processing not otherwise included in any of the above ratings and as detailed in the organisation's exposition.
- (13) S1 for the issue of release notes for aircraft parts under rule 19.309(a)(1):
- (14) S2 for the issue of release notes for materials under rule 19.309(a)(2):
- (15) S3 for the issue of release notes for fluids under rule 19.309(a)(3).

(b) Subject to rule 145.60, the holder of a maintenance organisation certificate may authorise a person to maintain any aircraft or component for which the holder is certificated.

(c) Subject to rule 145.60, the holder of a maintenance organisation certificate may authorise a person to certify for release-to-service any aircraft or component for which the holder is certificated.

145.13 Duration of certificate

(a) A maintenance organisation certificate may be granted or renewed for a period of up to five years.

(b) A maintenance organisation certificate remains in force until it expires or is suspended or revoked by the Director.

(c) The holder of a maintenance organisation certificate that expires or is revoked shall forthwith surrender the certificate to the Director.

(d) The holder of a maintenance organisation certificate that is suspended shall forthwith produce the certificate to the Director for appropriate endorsement.

145.15 Notification of ceasing maintenance

(a) Each holder of a maintenance organisation certificate that ceases to offer maintenance services shall notify the Director in writing within 30 days of the date of cessation.

(b) The notification required by paragraph (a) shall include a request for revocation of the maintenance organisation certificate.

145.17 Renewal of certificate

(a) An application for the renewal of a maintenance organisation certificate shall be made by the holder of a maintenance organisation certificate on form CAA 24145/01.

(b) The application shall be submitted to the Director by the application renewal date specified in the certificate or, if no such date is specified, not less than 30 days before the certificate expires.

Subpart B — Certification Requirements

145.51 Personnel requirements

(a) An applicant for the grant of a maintenance organisation certificate must employ, contract, or otherwise engage—

- (1) a senior person identified as the chief executive who has the authority within the applicant's organisation to ensure that all activities undertaken by the organisation can be financed and carried out in accordance with the requirements and standards prescribed by this Part; and
- (2) a senior person or persons who is or are responsible for ensuring that the organisation complies with the requirements of this Part. The nominated person or persons must be ultimately responsible to the chief executive for the following functions:
 - (i) the control and direction of maintenance activities;
 - (ii) personnel authorisations;
 - (iii) the system for safety management required under rule 145.65; and

- (3) sufficient personnel to plan, perform, supervise, inspect, and certify the maintenance activities listed in the exposition.
- (aa) The senior person required by paragraph (a)(2)(iii) must be able to demonstrate competency and experience relevant to the management of safety systems and the activities of the certificate holder.
- (b) The applicant must—
 - (1) establish a procedure for initially assessing and maintaining, the competency of those personnel involved in planning, performing, supervising, inspecting, or certifying the maintenance activities performed by the organisation; and
 - (2) provide those personnel with written evidence of the scope of their authorisation.

145.52 Maintenance personnel duty time limitations

An applicant for the grant of a maintenance organisation certificate must establish procedures to ensure that a person who is authorised under rule 145.60 to perform or supervise maintenance, or to certify release-to-service, or to certify conformity to acceptable data is relieved from duty for—

- (1) a period of at least 8 consecutive hours in the 24-hour period immediately before exercising the authorisation; and
- (2) at least 4 periods of at least 24 consecutive hours each in the 30-day period immediately before exercising the authorisation.

145.53 Facility requirements

- (a) Each applicant for the grant of a maintenance organisation certificate shall provide facilities appropriate for all maintenance activities performed by the applicant's organisation.
- (b) The applicant shall provide—
 - (1) office accommodation for the administration of its maintenance activities; and
 - (2) maintenance facilities that include—

- (i) protection from the weather; and
 - (ii) appropriate segregation of specialised work areas to prevent environmental and work area contamination; and
 - (3) storage facilities for equipment, tools, parts, and material that include—
 - (i) security for serviceable items; and
 - (ii) segregation of serviceable from unserviceable items; and
 - (iii) controls to prevent deterioration of, and damage to, stored items.
- (c) The applicant shall ensure that the environment it provides is appropriate for the tasks to be performed and, in particular, meets any special requirements specified in the applicable airworthiness data.

145.55 Equipment, tools, and material

Each applicant for the grant of a maintenance organisation certificate shall—

- (1) have access to the equipment, tools, and material necessary for all maintenance activities performed by the applicant's organisation; and
- (2) establish a procedure to control the equipment, tools, and material including, at a frequency and to a standard acceptable to the Director, the calibration of precision tooling and equipment.

145.57 Reserved

145.59 Maintenance control procedures

(a) An applicant for the grant of a maintenance organisation certificate must hold copies of maintenance procedures manuals, facility manuals, engineering drawings, specifications, technical standards and practices, and any other documentation that is necessary for the provision of the maintenance activities detailed in the applicant's exposition.

(b) An applicant for the grant of a maintenance organisation certificate must establish procedures for—

- (1) the inspection of raw materials, parts, and assemblies purchased or maintained by subsidiary maintenance organisations, including methods to ensure the acceptable quality of parts and assemblies that cannot be completely inspected on delivery to the organisation; and
- (2) dealing with materials, parts, and assemblies that do not conform to the type design or specifications, including the recording of decisions and the disposal of rejected materials, parts, and assemblies; and
- (3) the performance of the maintenance activities detailed in the applicant's exposition, including methods to ensure—
 - (i) the use of acceptable maintenance techniques and practices; and
 - (ii) the compliance with contractual maintenance obligations with aircraft operators; and
 - (iii) maintenance at locations other than those specified in the applicant's exposition is limited to scheduled maintenance specifically identified in the applicant's exposition or maintenance arising solely from unserviceability of the aircraft; and
- (4) ensuring that each maintenance activity to be performed on behalf of the applicant's organisation by a subcontractor—
 - (i) is identified in the applicant's exposition; and
 - (ii) complies with the systems, procedures, and specifications detailed in the applicant's exposition; and
- (5) the identification, handling, storage, and packing of materials, parts, and assemblies; and
- (6) a person authorised in accordance with rule 145.60 to certify an aircraft or component for release-to-service, and the maintenance of a list of the persons who hold such authorisations to certify a release-to-service; and

- (7) a person authorised in accordance with rule 145.60 to issue a *CAA Form One – authorised release certificate*, and the maintenance of a list of the persons who hold such authorisations to issue a *CAA Form One – authorised release certificate*; and
- (8) controlling the documentation required by paragraph (a) to ensure that—
 - (i) the documentation is reviewed and authorised by appropriate personnel before issue; and
 - (ii) current issues of relevant documentation are available to personnel at every location where they need access to such documentation to perform the maintenance activities detailed in the applicant's exposition; and
 - (iii) obsolete documentation is promptly removed from every point of issue or use; and
 - (iv) changes to documentation are reviewed and authorised by appropriate personnel; and
 - (v) the current version of each item of documentation can be identified to ensure that out-of-date documentation is not used; and
- (9) maintenance information, engineering drawings, technical standards and practices, and inspection records are made available to the Director on the Director's request.

145.60 Authorisation procedures

(a) Subject to paragraphs (b), (c), (d), (e), (f), and (g), an applicant for the grant of a maintenance organisation certificate must establish procedures for authorising a person to perform the following types of maintenance activities under the authority of the maintenance organisation certificate:

- (1) perform and supervise maintenance on an aircraft or a component as specified in the authorisation:

- (2) certify an aircraft or a component as specified in the authorisation for release-to-service after maintenance has been performed:
 - (3) certify the conformity of a major modification and a major repair to an aircraft and a component to acceptable technical data.
- (b) Except as provided in paragraph (c), a person must not be authorised to certify an aircraft or a component for release-to-service after maintenance unless the person—
- (1) holds a current aircraft maintenance engineer licence with an appropriate rating, issued in accordance with Part 66; or
 - (2) holds a current aircraft maintenance engineer licence in an appropriate category issued in accordance with Part 66 and meets a standard at least equal to that required by Subpart C of Part 66 for the grant of an aircraft maintenance engineer rating; or
 - (3) holds an appropriate current aircraft maintenance engineer licence with an appropriate rating issued by the Civil Aviation Safety Authority of Australia, and has had that licence registered by the Director in New Zealand under the Trans Tasman Mutual Recognition Act 1997; or
 - (4) holds a current certificate of maintenance approval, with appropriate endorsement, issued in accordance with Part 66; or
 - (5) for maintenance performed outside of New Zealand—
 - (i) holds an appropriate current maintenance engineer document that is issued under the authority of an ICAO Contracting State, acceptable to the Director, for the type of aircraft or component for which the authorisation is intended; or
 - (ii) holds an equivalent authorisation that is issued by an organisation that is certificated to perform maintenance by an ICAO Contracting State, acceptable to the Director,

for the type of aircraft or component for which the authorisation is intended; or

- (6) for a limited authorisation to certify an aircraft for release-to-service following limited maintenance activities as specified in the procedure, holds a current and appropriate aircraft maintenance engineer licence issued under the Act and in accordance with Part 66 and has training and experience acceptable to the Director appropriate to the limitations in the authorisation; or
 - (7) for maintenance specified in Appendix A.1 of Part 43, meets the requirement of rule 43.51(b) and is appropriately trained to perform the maintenance and certify the release-to-service for the aircraft type for which the authorisation is intended.
- (c) A person may be authorised to certify a component for release-to-service after maintenance if the person has—
- (1) successfully completed a course of training relevant to the component for which the authorisation is intended, or passed an examination acceptable to the Director relevant to the component for which the authorisation is intended; and
 - (2) 36 months of practical aviation related experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, powerplants, or avionic equipment; and
 - (3) 6 months of supervised experience directly relevant to the component for which authorisation is sought.
- (d) The course of training specified in paragraph (c)(1) must be—
- (1) conducted by the holder of a maintenance organisation certificate issued under the Act and in accordance with Part 145 with an E1 rating for the training of the organisation's staff; or
 - (2) conducted by the holder of a training organisation certificate granted under section 9 of the Act and in accordance with Part

- 141 or Part 147 if the training organisation certificate authorises such a course; or
- (3) conducted by the manufacturer of the applicable component; or
 - (4) approved by the aviation authority of an ICAO Contracting State acceptable to the Director.
- (e) A person must not be authorised to—
- (1) certify an aircraft or component for release-to-service after maintenance unless the person—
 - (i) has been examined by an appropriate senior person for familiarity with the maintenance control procedures required by rule 145.59(b); and
 - (ii) has been examined by an appropriate senior person for technical competence in respect of the authorisation to be held; and
 - (iii) if the authorisation includes an aeroplane that is identified in an air operator maintenance programme as being authorised for EDTO, has completed a training course that is applicable to the requirements of rule 121.407; or
 - (2) certify the conformity of major modifications and major repairs to aircraft and components to acceptable technical data unless the person—
 - (i) is the holder of an authorisation to certify the aircraft or component for release-to-service; and
 - (ii) has completed a course of training relevant to modification and repair conformity; and
 - (iii) has passed an examination acceptable to the Director relevant to modification and repair conformity.
- (f) A person holding an authorisation issued in accordance with the procedures required by paragraph (a) must not exercise the privileges of the authorisation unless the person—

- (1) satisfies the applicable recent experience requirements prescribed in rules 66.57 and 66.207 irrespective of whether the person holds an aircraft maintenance engineer licence issued under the Act and in accordance with Part 66; and
 - (2) if the authorisation includes an aeroplane that is identified in an air operator maintenance programme as being authorised for EDTO, has completed, within the previous 24 months, a refresher training course that is applicable to the requirements of rule 121.407.
- (g) An authorisation issued under paragraph (a) to a person who meets the requirements of paragraphs (b) or (c) may not confer greater privileges than those conferred by an equivalent rating issued under Subpart C of Part 66, or an equivalent certificate of maintenance approval issued in accordance with Subpart D of Part 66.
- (h) For the purpose of paragraphs (e)(1)(iii) and (f)(2), the reference to EDTO is also deemed to be a reference to ETOPS if the maintenance programme was approved before 1 November 2010.

145.61 Continued airworthiness

- (a) Each applicant for the grant of a maintenance organisation certificate shall establish procedures for—
- (1) collecting, investigating, and analysing information relating to defects in the aircraft or component maintained by the applicant and distributing that information to—
 - (i) the applicable design organisation; and
 - (ii) the owner or operator of that aircraft or component; and
 - (2) providing defect incident information to the Authority in accordance with Part 12.
- (b) Each applicant for the grant of a maintenance organisation certificate shall establish procedures to inform each owner of an aircraft or component that it maintains of the details of the procedures required in paragraph (a).

145.63 Records

(a) An applicant for the grant of a maintenance organisation certificate must establish procedures to identify, collect, index, store, and maintain accurate records that are necessary to ensure that each product or component is fit for release-to-service.

(b) An applicant for the grant of a maintenance organisation certificate must establish procedures to—

- (1) record details of the experience, qualifications, training, and current authorisations of each person who exercises certification privileges under the authority of the maintenance organisation certificate; and
- (2) record every aircraft and component that is maintained by the holder including a description of the work performed; and
- (3) record every calibration of equipment and tools that is required under rule 145.55(2) and the standards used for the calibration; and
- (4) ensure that—
 - (i) every record is legible and of a permanent nature; and
 - (ii) every record for an aircraft is available to the operator of the aircraft; and
 - (iii) the records required by paragraph (b) are retained for a period of at least 5 years; and
 - (iv) the records required by paragraph (b) are made available to the Director on the Director's request.

145.65 Safety management

An applicant for the grant of a maintenance organisation certificate must establish, implement, and maintain a system for safety management in accordance with rule 100.3.

145.67 Maintenance organisation exposition

(a) An applicant for the grant of a maintenance organisation certificate must provide the Director with an exposition that contains—

- (1) a statement signed by the applicant's chief executive on behalf of the applicant confirming that the exposition and any included manuals—
 - (i) define the maintenance organisation and demonstrate its means and methods for ensuring ongoing compliance with this Part; and
 - (ii) are to be complied with by its personnel; and
- (1A) in relation to the system for safety management required by rule 145.65,—
 - (i) all of the documentation required by rule 100.3(b); and
 - (ii) for an applicant that is not applying for a renewal of a maintenance organisation certificate, an implementation plan that describes how the system for safety management will be implemented; and
- (2) the titles and names of the senior person or persons required by rules 145.51(a)(1) and (2); and
- (3) the duties and responsibilities of the senior person or persons required by rules 145.51(a)(1) and (2) including—
 - (i) matters for which they have responsibility to deal directly with the Director or the Authority on behalf of the organisation; and
 - (ii) responsibilities for safety management; and
- (4) an organisation chart showing lines of responsibility of the senior person or persons required by rules 145.51(a)(1) and (2); and

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- (5) except as provided in paragraph (b), details of every location where the applicant performs maintenance and details of the facilities at those locations; and
 - (6) details of the applicant's staffing structure at each of the locations listed under paragraph (a)(5); and
 - (6A) information identifying the lines of safety responsibility within the organisation and
 - (7) a detailed description of the scope of work undertaken by the applicant; and
 - (8) details of the applicant's procedures required by—
 - (i) rule 145.51(b) regarding the assessment of competency of personnel; and
 - (ii) rule 145.51(b) regarding on-going training to maintain the competency of personnel; and
 - (iii) rule 145.52 regarding maintenance personnel duty time limitations; and
 - (iv) rule 145.55(2) regarding the control and calibration of tools, jigs, maintenance equipment, and test equipment; and
 - (v) rule 145.59(b)(1) regarding inspections of raw materials, parts, and assemblies; and
 - (vi) rule 145.59(b)(2) regarding non-conforming materials and parts; and
 - (vii) rule 145.59(b)(3) regarding the performance of maintenance activities; and
 - (viii) rule 145.59(b)(4) regarding the subcontracting of maintenance activities; and

- (ix) rule 145.59(b)(5) regarding the identification, handling, storage, and packing of materials, parts, and assemblies; and
 - (x) rule 145.59(b)(6) regarding the certification of aircraft and components for release-to-service; and
 - (xi) rule 145.59(b)(7) regarding the issue of CAA Form One – authorised release certificates; and
 - (xii) rule 145.59(b)(8) regarding the control and distribution of documentation; and
 - (xiii) rule 145.60 regarding the issue of authorisations to appropriate persons; and
 - (xiv) rule 145.61 regarding the collection and provision of information for the continued airworthiness of the aircraft and components that the applicant maintains; and
 - (xv) rule 145.63(a) regarding the identification, collection, indexing, storage, and maintenance of records; and
 - (xvi) rule 145.63(b) regarding the recording of personnel experience, competency, qualifications and training; and
- (9) details of the facilities required by rule 145.53(b)(3) for the storage and segregation of parts; and
 - (10) details of the means to provide appropriate environmental conditions required by rule 145.53(c); and
 - (11) [*revoked*]
 - (12) procedures to control, amend and distribute the exposition; and
 - (13) procedures at least equivalent to those required by rule 147.57 and rule 147.59; and
 - (14) procedures for changing the scope within a rating.

(15) if a rating for issuing release notes is sought under rules 145.11(13) to (15), meet or exceed the exposition requirements in rule 19.325.

(b) The applicant's exposition need not contain details of those locations where the applicant conducts maintenance in accordance with procedures required by rule 145.59(b)(3)(iii).

(c) The applicant's exposition must be acceptable to the Director.

145.68 Rating for issuing release notes

If the applicant proposes to exercise privileges of a S1, S2 or S3 rating referred to in rules 145.11(a)(13), (14), and (15), the applicant must:

- (1) appoint a senior person or group of senior persons to be responsible for the functions specified in rules 19.317(a)(2)(i) to (iii);
- (2) provide facilities appropriate for all supply activities in accordance with rule 19.319;
- (3) establish supply control procedures at least equivalent to those in rule 19.321;
- (4) establish procedures for records at least equivalent to those in rule 19.323.

Subpart C — Operating Requirements

145.101 Continued compliance

Each holder of a maintenance organisation certificate shall—

- (1) hold at least one complete and current copy of its exposition at each work location specified in its exposition; and
- (2) comply with all procedures detailed in its exposition; and
- (3) make each applicable part of its exposition available to personnel who require those parts to carry out their duties; and

- (4) continue to meet the standards and comply with the requirements of Subpart B; and
- (5) determine that each aircraft or component released to service by it is in an airworthy condition.

145.103 Privileges and limitations of authorisation holders

- (a) A person must not—
 - (1) release an aircraft or component to service after maintenance if that maintenance is required to be performed by an organisation certificated under this Part; or
 - (2) certify the conformity of major modifications and major repairs to aircraft and components to acceptable technical data; or
 - (3) issue a release note under S1, S2, or S3 rating—

unless that person has been authorised in accordance with the certificate holder's exposition.

- (b) A person authorised to release an aircraft or component to service after maintenance by the holder of a maintenance organisation certificate is authorised to—
 - (1) perform or supervise the maintenance of the aircraft or components specified in the authorisation; and
 - (2) release the aircraft or component to service specified in the authorisation, after maintenance has been performed.

- (c) A person authorised by an organisation certificated under this Part to release aircraft or components to service after maintenance must release the aircraft or components to service in accordance with Part 43, Subpart C.

145.105 Changes to certificate holder's organisation

- (a) Subject to paragraphs (d) and (f), the holder of a maintenance organisation certificate must amend the details in the holder's exposition required under rule 145.67 to ensure that it remains a current description of the holder's organisation.

- (b) The certificate holder must—
- (1) ensure that any amendment made to its exposition meets the applicable requirements of this Part and any other relevant Part; and
 - (2) comply with the amendment procedures contained in its exposition.
- (c) The certificate holder must forward to the Director for retention a copy of each amendment to its exposition as soon as practicable after the amendment is incorporated into its exposition.
- (d) Before a certificate holder changes any of the following, prior acceptance of the Director is required:
- (1) the chief executive:
 - (2) the listed senior persons:
 - (3) the maintenance ratings:
 - (4) the procedures for changing the scope within a rating:
 - (5) the locations at which maintenance is carried out:
 - (6) the procedure for authorising persons to certify maintenance:
 - (7) the system for safety management, if the change is a material change.
- (e) The Director may impose conditions under which a certificate holder must operate during or following any of the changes listed in paragraph (d).
- (f) A certificate holder must comply with any condition imposed by the Director under paragraph (e).
- (g) If any change referred to in this rule requires an amendment to the certificate, the certificate holder must forward the certificate to the Director for endorsement of the change as soon as practicable.

(h) A certificate holder must make such amendments to its exposition as the Director may consider necessary in the interests of aviation safety.

Subpart D — Transition Provisions

145.151 Transition for maintenance organisation certificate holders and applicants that maintain aircraft performing Part 121 or Part 125 operations or their components

- (a) This rule applies to each—
- (1) holder of a maintenance organisation certificate that—
 - (i) maintains any aircraft that performs operations specified in rule 121.1 or rule 125.1:
 - (ii) maintains any component of an aircraft referred to in subparagraph(a)(1)(i).
 - (2) applicant for the grant of a maintenance organisation certificate that will—
 - (i) maintain any aircraft that performs operations specified in rule 121.1 or rule 125.1:
 - (ii) maintain any component of an aircraft referred to in subparagraph (a)(2)(i).
- (b) Before the date for implementation set in accordance with subparagraph (e)(2), an organisation to which this rule applies is not required to comply with—
- (1) rule 145.51(a)(2)(iii), if instead of a senior person responsible for the system for safety management, the organisation has a senior person responsible for internal quality assurance:
 - (2) rule 145.65, if instead of establishing, implementing, and maintaining the system for safety management, the organisation has established an internal quality assurance system that complies with rule 145.155:
 - (3) rule 145.67(a)(1A)(i):

- (4) rule 145.67(a)(3)(ii):
 - (5) rule 145.67(a)(6A).
- (c) A completed CAA form and implementation plan must be submitted to the Director—
- (1) after 1 February 2016 for an applicant for the grant of a maintenance organisation certificate under subparagraph (a)(2); and
 - (2) by 30 July 2016 for a holder of a maintenance organisation certificate under subparagraph (a)(1).
- (d) The implementation plan referred to in paragraph (c) must—
- (1) include a proposed date for implementation of the system for safety management; and
 - (2) outline how the organisation plans to implement the system for safety management required under rule 145.65.
- (e) The Director will, if acceptable—
- (1) approve the organisation's implementation plan; and
 - (2) set the date for implementation of the system for safety management.
- (f) In setting the date under subparagraph (e)(2), the Director must have regard to the following:
- (1) the capability of the organisation:
 - (2) the complexity of the organisation:
 - (3) the risks inherent in the activities of the organisation:
 - (4) the date of any certificate renewal:
 - (5) any resource or scheduling impacts on the organisation or the Authority or both:

- (6) the date for implementation must not be later than 1 February 2018.
- (g) A holder of a maintenance organisation certificate under subparagraph (a)(1) does not have to submit an implementation plan with its certificate renewal application.
- (h) This rule expires on 1 February 2018.

145.153 Transition for maintenance organisation certificate holders and applicants that maintain aircraft not performing Part 121 or Part 125 operations or their components

- (a) This rule applies to each—
 - (1) holder of a maintenance organisation certificate that does not—
 - (i) maintain any aircraft that performs operations specified in rule 121.1 or rule 125.1:
 - (ii) maintain any component of an aircraft referred to paragraph (a)(1)(i).
 - (2) applicant for the grant of a maintenance organisation certificate that will not—
 - (i) maintain any aircraft that performs operations specified in rule 121.1 or rule 125.1:
 - (ii) maintain any component of an aircraft referred to in paragraph (a)(2)(i).
- (b) Before the date for implementation set in accordance with subparagraph (e)(2), an organisation to which this rule applies is not required to comply with—
 - (1) rule 145.51(a)(2)(iii), if instead of a senior person responsible for the system for safety management, the organisation has a senior person responsible for internal quality assurance:

- (2) rule 145.65, if instead of establishing, implementing, and maintaining the system for safety management, the organisation has established an internal quality assurance system that complies with rule 145.155:
 - (3) rule 145.67(a)(1A)(i):
 - (4) rule 145.67(a)(3)(ii):
 - (5) rule 145.67(a)(6A).
- (c) A completed CAA form and implementation plan must be submitted to the Director—
- (1) after 1 February 2016 for an applicant for the grant of a maintenance organisation certificate under subparagraph (a)(2); and
 - (2) by 30 July 2018 for a holder of a maintenance organisation certificate under subparagraph (a)(1).
- (d) The implementation plan referred to in paragraph (c) must—
- (1) include a proposed date for implementation of the system for safety management; and
 - (2) outline how the organisation plans to implement the system for safety management required under rule 145.65.
- (e) The Director will, if acceptable—
- (1) approve the organisation's implementation plan; and
 - (2) set the date for implementation of the system for safety management.
- (f) In setting the date under subparagraph (e)(2), the Director must have regard to the following:
- (1) the capability of the organisation:
 - (2) the complexity of the organisation:

- (3) the risks inherent in the activities of the organisation;
 - (4) the date of any certificate renewal;
 - (5) any resource or scheduling impacts on the organisation or the Authority or both;
 - (6) the date for implementation must not be later than 1 February 2021.
- (g) A holder of a maintenance organisation certificate under subparagraph (a)(1) does not have to submit an implementation plan with its certificate renewal application.
- (h) This rule expires on 1 February 2021.

145.155 Transitional internal quality assurance for maintenance organisation certificate holders and applicants

- (a) The internal quality assurance system required by rules 145.151(b)(1)(ii) and 145.153(b)(1)(ii) must be established to ensure the organisation's compliance with, and the adequacy of, the procedures required by this Part.
- (b) The internal quality assurance system must include—
- (1) a safety policy and safety policy procedures that are relevant to the applicant's organisational goals and the expectations and needs of its customers; and
 - (2) a procedure to ensure quality indicators, including defect and incident reports, and personnel and customer feedback, are monitored to identify existing problems or potential causes of problems within the system; and
 - (3) a procedure for corrective action to ensure that existing problems that have been identified within the system are corrected; and
 - (4) a procedure for preventive action to ensure that potential causes of problems that have been identified within the system are remedied; and

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- (5) an internal audit programme to audit the applicant's organisation for conformity with its safety policy; and
 - (6) management review procedures to ensure the continuing suitability and effectiveness of the internal quality assurance system in satisfying the requirements of this Part.
- (c) The safety policy procedures must ensure that the safety policy is understood, implemented, and maintained at all levels of the organisation.
- (d) The procedure for corrective action must specify how—
- (1) existing problems are corrected; and
 - (2) corrective action is followed up to ensure the action is effective; and
 - (3) any procedure required for this Part is amended as a result of corrective action; and
 - (4) management will review the effectiveness of any corrective action taken.
- (e) The procedure for preventive action must specify how—
- (1) potential problems are corrected; and
 - (2) preventive action is followed up to ensure the action is effective; and
 - (3) any procedure required for this Part is amended as a result of preventive action; and
 - (4) management will review the effectiveness of any preventive action taken.
- (f) The internal quality audit programme must—
- (1) specify the frequency and location of the audits taking into account the nature of the activity to be audited; and

- (2) ensure audits are performed by trained auditing personnel who are independent of those having direct responsibility for the activity being audited; and
 - (3) ensure the results of audits are reported to the personnel responsible for the activity being audited and the manager responsible for internal audits; and
 - (4) require preventive or corrective action to be taken by the personnel responsible for the activity being audited if problems are found by the audit; and
 - (5) ensure follow up audits to review the effectiveness of any preventive or corrective action taken.
- (g) The procedure for management review must—
- (1) specify the frequency of management reviews of the quality assurance system taking into account the need for the continuing effectiveness of the system; and
 - (2) identify the manager who is responsible for the review of the quality assurance system; and
 - (3) ensure the results of the review are evaluated and recorded.
- (h) The senior person who has the responsibility for internal quality assurance must have direct access to the chief executive on matters affecting safety.
- (i) This rule expires on 1 February 2021.