



**MENTERI PERHUBUNGAN
REPUBLIK INDONESIA**

PERATURAN MENTERI PERHUBUNGAN REPUBLIK INDONESIA
NOMOR PM 75 TAHUN 2017
TENTANG
PERATURAN KESELAMATAN PENERBANGAN SIPIL BAGIAN 65
(*CIVIL AVIATION SAFETY REGULATIONS PART 65*)
SERTIFIKASI AHLI PERAWATAN PESAWAT UDARA
(*LICENSING OF AIRCRAFT MAINTENANCE ENGINEER*)
EDISI 1 AMANDEMEN 0
(*EDITION 1 AMENDMENT 0*)

DENGAN RAHMAT TUHAN YANG MAHA ESA

MENTERI PERHUBUNGAN REPUBLIK INDONESIA,

- Menimbang : a. bahwa untuk melaksanakan ketentuan Pasal 51 Undang-Undang Nomor 1 Tahun 2009 tentang Penerbangan perlu diatur tata cara, prosedur dan pemberian lisensi ahli perawatan pesawat udara dengan Peraturan Menteri;
- b. bahwa ketentuan *Civil Aviation Safety Regulations Part 65 Revision 1* dalam Keputusan Menteri Perhubungan dan Telekomunikasi Nomor KM 80 Tahun 2000 tentang Sertifikat Kecakapan bagi Personil Perawatan Pesawat Udara sudah tidak sesuai dengan Standar *International Civil Aviation Organization* (ICAO);

- c. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a dan huruf b, perlu menetapkan Peraturan Menteri Perhubungan tentang Peraturan Keselamatan Penerbangan Sipil Bagian 65 (*Civil Aviation Safety Regulations Part 65*) Sertifikasi Ahli Perawatan Pesawat Udara (*Licensing of Aircraft Maintenance Engineer*) Edisi 1 Amandemen 0 (*Edition 1 Amendment 0*);

- Mengingat :
1. Undang-Undang Nomor 1 Tahun 2009 tentang Penerbangan (Lembaran Negara Republik Indonesia Tahun 2009 Nomor 1, Tambahan Lembaran Negara Republik Indonesia Nomor 4956);
 2. Peraturan Presiden Nomor 7 Tahun 2015 tentang Organisasi Kementerian Negara (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 8);
 3. Peraturan Presiden Nomor 40 Tahun 2015 tentang Kementerian Perhubungan (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 75);
 4. Peraturan Menteri Perhubungan Nomor KM 17 Tahun 2009 tentang Peraturan Keselamatan Penerbangan Sipil Bagian 145 Amandemen 3 (*Civil Aviation Safety Regulations Part 145 Amendment 3*) tentang Organisasi Perusahaan Perawatan Pesawat Udara (*Approved Maintenance Organizations*) sebagaimana telah diubah dengan Peraturan Menteri Perhubungan Nomor PM 164 Tahun 2015 tentang Perubahan atas Peraturan Menteri Perhubungan Nomor KM 17 Tahun 2009 tentang Peraturan Keselamatan Penerbangan Sipil Bagian 145 Amandemen 3) tentang Organisasi Perusahaan Perawatan Pesawat Udara (*Approved Maintenance Organizations*) (Berita Negara Republik Indonesia Tahun 2015 Nomor 1595);

5. Peraturan Menteri Perhubungan Nomor PM 189 Tahun 2015 tentang Organisasi dan Tata Kerja Kementerian Perhubungan (Berita Negara Republik Indonesia Tahun 2015 Nomor 1844) sebagaimana telah beberapa kali diubah, terakhir dengan Peraturan Menteri Perhubungan Nomor PM 44 Tahun 2017 tentang Perubahan Kedua atas Peraturan Menteri Perhubungan Nomor PM 189 Tahun 2015 tentang Organisasi dan Tata Kerja Kementerian Perhubungan (Berita Negara Republik Indonesia Tahun 2017 Nomor 816);

MEMUTUSKAN:

Menetapkan : PERATURAN KESELAMATAN PENERBANGAN SIPIL BAGIAN 65 (*CIVIL AVIATION SAFETY REGULATIONS PART 65*) SERTIFIKASI AHLI PERAWATAN PESAWAT UDARA (*LICENSING OF AIRCRAFT MAINTENANCE ENGINEER*) EDISI 1 AMANDEMEN 0 (*EDITION 1 AMENDMENT 0*).

Pasal 1

Memberlakukan Peraturan Menteri tentang Peraturan Keselamatan Penerbangan Sipil Bagian 65 (*Civil Aviation Safety Regulations Part 65*) Sertifikasi Ahli Perawatan Pesawat Udara (*Licensing of Aircraft Maintenance Engineer*) Edisi 1 Amandemen 0 (*Edition 1 Amendment 0*) tercantum dalam Lampiran yang merupakan bagian tidak terpisahkan dari Peraturan Menteri ini.

Pasal 2

Ketentuan lebih lanjut mengenai Peraturan Menteri tentang Peraturan Keselamatan Penerbangan Sipil Bagian 65 (*Civil Aviation Safety Regulations Part 65*) Sertifikasi Ahli Perawatan Pesawat Udara (*Licensing of Aircraft Maintenance Engineer*) Edisi 1 Amandemen 0 (*Edition 1 Amendment 0*) sebagaimana dimaksud dalam Pasal 1 diatur dengan Peraturan Direktur Jenderal Perhubungan Udara.

Pasal 3

Ahli perawatan pesawat udara yang telah memiliki lisensi ahli perawatan pesawat udara (*aircraft maintenance engineer license*) yang telah ada sebelum berlakunya Peraturan Menteri ini, tetap berlaku dan dalam jangka waktu paling lama 1 (satu) tahun harus menyesuaikan dengan Peraturan Menteri ini.

Pasal 4

Pada saat Peraturan Menteri ini mulai berlaku, Keputusan Menteri Perhubungan dan Telekomunikasi Nomor KM 80 Tahun 2000 tentang Sertifikat Kecakapan bagi Personil Perawatan Pesawat Udara, dicabut dan dinyatakan tidak berlaku.

Pasal 5

Direktur Jenderal Perhubungan Udara melakukan pengawasan terhadap pelaksanaan Peraturan Menteri ini.

Pasal 6

Peraturan Menteri ini mulai berlaku pada tanggal diundangkan.

Agar setiap orang mengetahuinya, memerintahkan pengundangan Peraturan Menteri ini dengan penempatannya dalam Berita Negara Republik Indonesia.

Ditetapkan di Jakarta
pada tanggal 21 Agustus 2017

MENTERI PERHUBUNGAN
REPUBLIK INDONESIA,

ttd

BUDI KARYA SUMADI

Diundangkan di Jakarta
pada tanggal 4 September 2017

DIREKTUR JENDERAL
PERATURAN PERUNDANG-UNDANGAN
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA
REPUBLIK INDONESIA,

ttd

WIDODO EKATJAHJANA

BERITA NEGARA REPUBLIK INDONESIA TAHUN 2017 NOMOR 1211

Salinan sesuai dengan aslinya
KEMENTERIAN HUKUM



SRI LESTARI RAHAYU
Pembina Utama Muda (IV/c)
NIP. 19620620 198903 2 010

LAMPIRAN
PERATURAN MENTERI PERHUBUNGAN
REPUBLIK INDONESIA
NOMOR PM 75 TAHUN 2017
TENTANG
PERATURAN KESELAMATAN PENERBANGAN
SIPIIL BAGIAN 65 (*CIVIL AVIATION SAFETY
REGULATIONS PART 65*) SERTIFIKASI AHLI
PERAWATAN PESAWAT UDARA (*LICENSING OF
AIRCRAFT MAINTENANCE ENGINEER*) EDISI 1
AMANDEMEN 0 (*EDITION 1 AMENDMENT 0*)

CIVIL AVIATION SAFETY REGULATIONS

CASR 65 LICENSING OF AIRCRAFT MAINTENANCE ENGINEER

Edition 1
Amendment 0

REPUBLIC OF INDONESIA
MINISTRY OF TRANSPORTATION

PART 65
LICENSING OF AIRCRAFT MAINTENANCE ENGINEER

TABLE OF CONTENTS

| | |
|--|----------|
| TABLE OF CONTENTS | - 7 - |
| SUBPART A – GENERAL..... | A-- 9 - |
| 65.1 Applicability | A-- 9 - |
| 65.3 Definitions..... | A-- 9 - |
| 65.5 Aircraft Groups..... | A-- 10 - |
| 65.7 Application and Issue | A-- 10 - |
| 65.9 Use of Psychoactive Substances..... | A-- 11 - |
| 65.11 Test: General Procedure..... | A-- 11 - |
| 65.13 Written Test: Cheating or Other Unauthorized Conduct | A-- 11 - |
| 65.15 Applications, Licenses, Certificates, Logbooks, Reports and Records: Falsifications of Documents..... | A-- 12 - |
| 65.17 Change of Address..... | A-- 12 - |
| 65.19 Medical Fitness | A-- 13 - |
| 65.21 Inspection of Aircraft Maintenance Engineer License..... | A-- 13 - |
| 65.23 through 65.29 [Reserved] | A-- 13 - |
| SUBPART B – BASIC CERTIFICATE..... | B-- 14 - |
| 65.31 Eligibility Requirement: General | B-- 14 - |
| 65.33 Category..... | B-- 14 - |
| 65.35 Knowledge Requirements..... | B-- 14 - |
| 65.37 Experience Requirements | B-- 15 - |
| 65.39 Certificated Aircraft Maintenance Training Organizations Students | B-- 15 - |
| 65.41 General Privileges and Limitations | B-- 15 - |
| 65.43 Validity of Basic Certificate..... | B-- 16 - |
| 65.45 through 65.49 [Reserved]..... | B-- 16 - |
| SUBPART C – AIRCRAFT MAINTENANCE ENGINEER LICENSE..... | C-- 17 - |
| 65.51 Eligibility Requirement: General | C-- 17 - |
| 65.53 Category..... | C-- 17 - |
| 65.55 Skill Requirements | C-- 17 - |
| 65.57 General Privileges and Limitations | C-- 18 - |
| 65.59 Additional Privileges | C-- 19 - |
| 65.61 Endorsement of Aircraft Ratings | C-- 19 - |

| | | | |
|---|--|------|------|
| 65.63 | Validity of Aircraft Maintenance Engineer License..... | C-- | 21 - |
| 65.65 | Renewal of Aircraft Maintenance Engineer License..... | C-- | 22 - |
| 65.67 | through 65.69 [Reserved]..... | C-- | 22 - |
| SUBPART D – CERTIFICATE OF MAINTENANCE APPROVAL..... | | D-- | 23 - |
| 65.71 | Eligibility Requirement: General | D-- | 23 - |
| 65.73 | Personnel Qualification..... | D-- | 23 - |
| 65.75 | General Privileges and Limitations | D-- | 24 - |
| 65.77 | Additional Privileges | D-- | 24 - |
| 65.79 | Validity of Certificate of Maintenance Approval | D-- | 25 - |
| 65.81 | Renewal of Certificate of Maintenance Approval | D-- | 25 - |
| 65.83 | through 65.89 [Reserved]..... | D-- | 25 - |
| SUBPART E – RECOGNITION OF FOREIGN LICENSE..... | | E-- | 26 - |
| 65.91 | General | E-- | 26 - |
| 65.93 | Privileges and Limitations..... | E-- | 27 - |
| 65.95 | Validity of Certificate of Validation | E-- | 27 - |
| 65.97 | through 65.99 [Reserved] | E-- | 27 - |
| APPENDIX A – BASIC CERTIFICATE KNOWLEDGE REQUIREMENT..... | | AA-- | 28 - |
| APPENDIX B – AIRCRAFT RATING KNOWLEDGE REQUIREMENT..... | | AB-- | 29 - |

SUBPART A – GENERAL

65.1 Applicability

This part prescribes the requirements for issuing the following certificates, licenses and associated ratings and the general operating rules for the holders of those certificate, license and associated ratings:

- (a) Basic certificate;
- (b) Aircraft Maintenance Engineer License;
- (c) Certificate of maintenance approval;
- (d) Certificate of validation.

65.3 Definitions

- (a) *Aircraft rating*. An authorization entered on or associated with a license and forming part thereof, stating special conditions, privileges or limitations pertaining to such license.
- (b) *Aircraft type rating*. An aircraft rating for a specified individual aircraft.
- (c) *Approved for return to service*. Applies to the person who has performed maintenance or maintenance preventive in accordance with Part 43, including the requirement to record the work.
- (d) *Basic certificate*. Certificate issued by Director General to persons who has demonstrated an acceptable degree of competency.
- (e) *Competency*. A combination of skills, knowledge and attitudes required to perform a task to the prescribed standard.
- (f) *Human factor*. Human capabilities and limitations which have an impact on the safety and efficiency of aeronautical operations.
- (g) *Initial aircraft rating endorsement*. The endorsement of the first aircraft type rating within a given category/sub-category.
- (h) *License*. The means by which DGCA authorizes a license holder to perform specific activities which, unless performed properly, could jeopardize the safety of aviation. The license provides evidence that the DGCA is satisfied that the holder has demonstrated an internationally acceptable degree of competency.
- (i) *License category*. Classification of license according to specified basic qualifications, include airframe, engine and avionic.

- (j) *Line maintenance.* Any unscheduled maintenance resulting from unforeseen events or scheduled checks that contain servicing and/or inspections that do not require specialized training, equipment, or facilities.
- (k) *Maintenance.* Inspections, overhauled, repair, preservation, and the replacement of parts, but excluding preventive maintenance
- (l) *Preventive maintenance.* Simple or minor preservation operation and replacement of small standard parts not involving complex assembly operations.
- (m) *Psychoactive substances.* Alcohol, opioids, cannabinoids, sedatives and hypnotics, cocaine, other psychostimulants, hallucinogens, and volatile solvents, whereas coffee and tobacco are excluded.

65.5 Aircraft Groups

For the purpose of ratings on aircraft maintenance engineer license, aircraft shall be classified in the following groups:

- (a) Group 1: complex turbine-powered aircraft as well as multiple engine helicopters, pressurized airplanes, aircraft equipped with fly-by-wire systems and other aircraft requiring an aircraft type rating when defined so by the DGCA.
- (b) Group 2: aircraft other than those in Group 1 belonging to the following subgroups:
 - (1) sub-group 2a: single turbo-propeller engine airplanes;
 - (2) sub-group 2b: single turbine engine helicopters;
 - (3) sub-group 2c: single piston engine helicopters.
- (c) Group 3: piston engine airplanes other than those in Group 1 and 2.

65.7 Application and Issue

- (a) Each applicant for the grant of a license or certificate under this subpart must be made on a form and in a manner as prescribed by Director and submit it to the Director General Civil Aviation with a payment of the appropriate application fee prescribed by regulations made under the Act.

- (b) Each applicant who meets the requirements of this part entitled to an appropriate certificate and license.
- (c) Unless the order of revocation is provided, a person whose Aircraft Maintenance Engineer License is revoked may not apply license for 1 year after the date of revocation.

65.9 Use of Psychoactive Substances

- (a) The holder of licenses or certificate provided under this part shall not exercise the privileges of their license or certificate while under the influence of any psychoactive substance which might be render them unable to safely and properly exercise these privileges.
- (b) The holder of licenses or certificates provided under this part shall not engage in any problematic use of substance.

65.11 Test: General Procedure

- (a) Tests prescribed by or under this Part are given at times and locations, and by persons, designated by the Director General.
- (b) The minimum-passing grade for each test is 70 percent.
- (c) An applicant for a written, oral or practical test for a license or certificate, or for an additional rating under this Part, may apply for re-test not less than 30 days after the date the applicant failed the test.

65.13 Written Test: Cheating or Other Unauthorized Conduct

- (a) Except as authorized by the Director General, no person may:
 - (1) Copy, or intentionally remove an examination paper, or any portion of an examination paper, which is intended for use under this Part;
 - (2) Give to or receive from another person any part or copy of an examination;
 - (3) Give help on an examination to, or receive help on an examination from, any person during the period that examination is being given;
 - (4) Take any part of an examination on behalf of another person;

- (5) Use any unauthorized material or aid during the period that examination is being given; or
 - (6) Intentionally cause, assist, or participate in any act prohibited by this paragraph.
- (b) No person who commits an act prohibited by paragraph (a) of this section is eligible for any License or certificate rating under this Part for a period of 1 year after the date of the act. In addition, the commission of that act is a basis for suspending or revoking any License or certificate and rating held by that person.

65.15 Applications, Licenses, Certificates, Logbooks, Reports and Records:
Falsifications of Documents

- (a) No person may make or cause to be made :
- (1) any fraudulent or intentionally false statement on any application for a license or certificate and rating under this Part;
 - (2) Any fraudulent or intentionally false entry in any logbook, record, or report that is required to be kept, made, or used, to show compliance with any requirement for any License or certificate and rating under this Part;
 - (3) Any reproduction, for fraudulent purpose, of any License or certificate and rating under this Part; or
 - (4) Any alteration of any License or certificate and rating under this Part.
- (b) The commission by any person of an act prohibited under paragraph (a) of this section is a basis for suspending or revoking any license or certificate and rating held by that person.

65.17 Change of Address

Within 30 days after any change to a permanent mailing address, the holder of a license or certificate issued under this Part shall notify the Director General Civil Aviation, Directorate of Airworthiness and Aircraft Operations, in writing of the new address.

65.19 Medical Fitness

Holders of a license or certificate shall not exercise the privileges of that license or certificate if they know or suspect that their physical or mental condition renders them unfit to exercise such privileges.

65.21 Inspection of Aircraft Maintenance Engineer License

The holder of aircraft maintenance engineer license must present their license for inspection within 24 hours upon request by the DGCA.

65.23 through 65.29 [Reserved]

SUBPART B – BASIC CERTIFICATE

65.31 Eligibility Requirement: General

A basic certificate may be issued to a person who meets the following age, knowledge and experience requirements:

- (a) Is not less than 18 years of age;
- (b) Is able to read, write, speak and understand the technical English as used in manufacturers manuals;
- (c) Has passed the written test within a period of 24 months specified in section 65.35; and
- (d) Has met the experience requirements specified in section 65.37.

65.33 Category

The following basic certificate category are issued under this subpart:

- (a) Category A1 - airframe, airplane;
- (b) Category A2 - airframe, helicopter;
- (c) Category A3 - piston engines;
- (d) Category A4 - turbine engines;
- (e) Category C1 – radio;
- (f) Category C2 – instruments; and
- (g) Category C4 – electrical.

65.35 Knowledge Requirements

- (a) Each applicant for a basic certificate must, after meeting the applicable experience requirements of 65.37 and pass a written test covering the construction and maintenance of aircraft appropriate to the category or he/she seeks, the applicable provisions of CASR, and the ICAO International law, as specified in Appendix A of this part.
- (b) The written test shall be conducted either by DGCA or aircraft maintenance training organizations approved in accordance with CASR part 147.

65.37 Experience Requirements

Each applicant for a basic certificate must present:

- (a) A basic aircraft training graduation certificate or certificate of completion from a certificated aircraft maintenance training organizations approved in accordance with CASR 147; or
- (b) Documentary evidence, satisfactory to the DGCA, of
 - (1) At least 48 months of practical experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or altering airframes (airplane or helicopter) and engine category; or
 - (2) At least 48 months of practical experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or altering avionic (radio, instrument and electrical) category; or
 - (3) At least 72 months of practical experience concurrently perform the duties appropriate to both the airframe and engine, and avionic (radio, instrument and electrical) categories.

65.39 Certificated Aircraft Maintenance Training Organizations Students

Whenever an aircraft maintenance training organizations certificated under CASR part147 without examining authority, shows to the DGCA that any of its students has made satisfactory progress at the school and is prepared to take the written test prescribed by section 65.35, that student may take those tests during the final subjects of his training in the approved curriculum, before he meets the applicable experience requirements of section 65.37.

65.41 General Privileges and Limitations

- (a) Unless as specified in paragraph (b) of this section, a basic certificate holder may perform the maintenance, preventive maintenance or alteration of an aircraft or appliance, or a part thereof, for he is basic certificate categorized;

- (b) After June, 31st 2018, no a basic certificate holder may approved for return to service an airframe, engine, part or appliance, and instruments, for he is basic certificate categorized, specified subject to the requirement of approved maintenance organizations under CASR 145;
- (c) A basic certificate holder may not exercise the privileges of his certificate unless he understands the current instructions of the manufacturer, and the maintenance manuals, for the specific operation concerned.

65.43 Validity of Basic Certificate

- (a) Unless it is revoked, suspended or cancelled by the Director General, a basic certificate is remain valid;
- (b) The holder of basic certificate issued under this part that is suspended or revoked shall return it to the Director General.

65.45 through 65.49 [Reserved]

SUBPART C – AIRCRAFT MAINTENANCE ENGINEER LICENSE

65.51 Eligibility Requirement: General

A license and associated category may be issued to a person who meets the following requirements:

- (a) Is not less than 21 years of age;
- (b) Is able to read, write, speak and understand the technical English as used in manufacturers manuals;
- (c) Has passed the oral and practical test within the period 24 months specified in section 65.55; and
- (d) Hold appropriate basic certificate which is currently effective and has been in effect for a total of at least 18 months.

65.53 Category

- (a) The following license category are issued under this Subpart:
 - (1) Category A - Airframes and Engines;
 - (2) Category C – Avionic.
- (b) The Category A are subdivided into subcategories relatives to combinations of basic certificate category airplane, helicopter, turbine and pistons engine. The subcategories are:
 - (1) A1.3 : Airframe, airplane (A1) and piston engine (A3);
 - (2) A1.4 : Airframe, airplane (A1) and turbine engine (A4);
 - (3) A2.3 : Airframe, helicopter (A2) and piston engine (A3); and
 - (4) A2.4 : Airframe, helicopter (A2) and turbine engine (A4).
- (c) After December, 31st 2017, The Category C has only one category that included basic certificate category radio (C1), instrument (C2), and electrical (C4).

65.55 Skill Requirements

Each applicant for a license or category must pass an oral and a practical test on the category or rating he/she seeks. The tests cover the applicant's basic skill in performing practical projects on the subjects covered by the written test for that category or rating.

65.57 General Privileges and Limitations

- (a) The holder of a category A aircraft maintenance engineer license may perform or supervise the maintenance, preventive maintenance or alteration, and approved for return it to service (excluding major repairs and major alterations) of:
 - (1) an aircraft structure, powerplants, and mechanical and electrical system;
 - (2) avionic system requiring only simple test to prove their serviceability and not requiring a troubleshooting;
- (b) The holder of a category C aircraft maintenance engineer license may perform or supervise the maintenance, preventive maintenance or alteration, and approved for return it to service (but excluding major repairs and major alterations) of:
 - (1) an avionic and electrical system;
 - (2) an electrical and avionics tasks within powerplant and mechanical systems, requiring only simple tests to prove their serviceability.
- (c) Unless as specified in section 65.59(c) of this part, the holder of an aircraft maintenance engineer license may not exercise the approval for return to service privileges of his license on specific aircraft type unless his/her license endorsed with the relevant aircraft rating prescribed by section 65.61.
- (d) The holder of an aircraft maintenance engineer license may not exercise the privileges of his license unless he understands the current instructions of the manufacturer, and the maintenance manuals, for the specific operation concerned.
- (e) The holder of an aircraft maintenance engineer license may not exercise the approval and return to service privileges of his license on specific aircraft type unless within preceding 24 months, he conducts recurrent aircraft type training, or for at least 6 months:
 - (1) Serve as engineer under his privileges of the license or rating;
or
 - (2) Technically supervised other engineer; or
 - (3) Supervised, in an executive capacity, the maintenance or alteration of aircraft; or
 - (4) Been engaged in any combination of subparagraph (e)(1), (2), or (3).

65.59 Additional Privileges

- (a) The holder of an aircraft maintenance engineer license Category A with particular aircraft rating may sign maintenance release or aircraft log entry in accordance with CASR 121.709 or CASR 135.709.
- (b) The holder of an aircraft maintenance engineer license Category A with particular aircraft rating may perform the annual and 100-hour inspection required by CASR part 91 on an aircraft, or any related part or appliance, and approve for return it to service.
- (c) The holder of an aircraft maintenance engineer license Category A may sign maintenance release or aircraft log entry in accordance with CASR 121.709 or CASR 135.709 following minor scheduled line maintenance and simple defect rectification within the limits of tasks specially authorized by certificate holder issued under CASR part 121 and 135, and shall be restricted to work that the license holder has personally performed in the organization that issued the authorization.

65.61 Endorsement of Aircraft Ratings

- (a) The following aircraft rating are endorsed in its aircraft maintenance engineer license:
 - (1) For group 1 aircraft, the appropriate aircraft type rating (specific individual aircraft);
 - (2) For group 2 aircraft, the appropriate aircraft type rating, manufacturer sub-group rating or full sub-group rating;
- (b) For group 3 aircraft, the appropriate aircraft type rating or full group rating.
Unless as specified by paragraph (c) of this section, the aircraft type rating may be endorsed to a license, if the holder of aircraft maintenance engineer license meets the following requirements:
 - (1) has satisfactory completion of the relevant category A or C aircraft type training within period 24 months is conducted by aircraft maintenance training organization certificated under CASR 147 or manufacturer; and

- (2) for initial aircraft rating endorsement, present documentary evidence, satisfactory to the DGCA, of At least 6 (six) months of practical experience on the type of aircraft for which the rating is sought; or
 - (3) for additional aircraft rating endorsement present the documentary evidence, satisfactory to the DGCA, of at least 3 (three) months of practical experience on the type of aircraft for which the rating is sought.
- (c) The aircraft type rating may also be endorsed to license after the holder of aircraft maintenance engineer license meets the following requirements:
- (1) has satisfactory completion of the relevant category A or C aircraft type training conducted by the certificate holder issued under CASR parts 91, 121, 135, and 145, in accordance with their approved training program; and
 - (2) has passed the written test within a period of 24 months, covering the maintenance of aircraft appropriate to the type rating he seeks, the regulations in this part, and the applicable provisions of CASR parts 121, 135 and 145; and
 - (3) for initial aircraft rating endorsement, present the documentary evidence, satisfactory to the DGCA, of at least 12 (twelve) months of practical experience on the type of aircraft for which the rating is sought; or
 - (4) for additional aircraft rating endorsement present the documentary evidence, satisfactory to the DGCA, of at least 6 (six) months of practical experience on the type of aircraft for which the rating is sought.
- (d) The rating for group 2 aircraft may be endorsed to license after the holder of aircraft maintenance engineer license meets the following requirements:
- (1) the endorsement of manufacturer sub-group ratings for category A and C license holders requires complying with the aircraft type rating requirements of at least two aircraft types from the same manufacturer which combined are representative of the applicable manufacturer sub-group;

- (2) the endorsement of full sub-group ratings for category A and C license holders requires complying with the aircraft type rating requirements of at least three aircraft types from different manufacturers which combined are representative of the applicable sub-group.
- (e) The rating for group 3 aircraft may be endorsed to license after the holder of aircraft maintenance engineer license meets the following requirements:
- (1) the endorsement of full group 3 rating for category A license holders requires complying with the aircraft type rating requirements of at least two aircraft types from the different manufacturer which combined are representative of the applicable manufacturer sub-group;
 - (2) the endorsement of full group ratings for category C license holders requires complying with the aircraft type rating requirements of at least one aircraft type;
 - (3) for category A, unless the applicant provides evidence of appropriate experience, the group 3 rating shall be subject to the following limitations, which shall be endorsed on the license:
 - i. pressurized airplanes;
 - ii. unpressurized airplanes.
- (f) The documentary evidence of practical experience as required by this section shall include a representative cross section of maintenance activities relevant to the license category and rating.
- (g) The aircraft type training as required by paragraph (c) this section shall include subject as describe in Appendix B of this part.

65.63 Validity of Aircraft Maintenance Engineer License

- (a) Unless it is revoked, suspended or cancelled by the Director General, an aircraft maintenance engineer license shall remain valid for the period specified in the document and such period shall not exceed 3 years from the date of issue or previous renewal of the document.
- (b) The holder of aircraft maintenance engineer license issued under this part that is suspended, revoked, or no longer valid shall return it to the Director General.

65.65 Renewal of Aircraft Maintenance Engineer License

- (a) Upon application to the Director General, and showing compliance with this section, the period of validity of aircraft maintenance engineer licenses may be renewed for a further period not exceeding 3 years.
- (b) To be eligible for renewal of an aircraft maintenance engineer license, an applicant must present evidence to the DGCA to show completion of the recurrent human factor training and one of the following activities within preceding 24 months:
 - (1) Performed at least one annual inspection or 100-hour inspection required by CASR part 91 on an aircraft and approve and return it to service, for which he is rated; or
 - (2) At least 6 months, perform or supervise the maintenance, preventive maintenance or alteration, and approved and return it to service, for which is rated, under CASR part 121, 135 and 145.
- (c) An aircraft maintenance license holder who does not complete one of the activities set forth in paragraph (b) of this section within preceding 24 months, may be eligible for renewal after passing a written test from the DGCA to determine that the applicant's knowledge of the applicable regulations and standards are current.

65.67 through 65.69 [Reserved]

SUBPART D – CERTIFICATE OF MAINTENANCE APPROVAL

65.71 Eligibility Requirement: General

A certificate of maintenance approval may be issued to a person who meets the following requirements:

- (a) Is not less than 20 years of age;
- (b) Is able to read, write, speak and understand the technical English as used in manufacturers manuals;
- (c) Has specially qualified in accordance with section 65.73 of this part, to perform maintenance on aircraft or component thereof, appropriate to the job for which he is employed;
- (d) Is employed for specific job requiring those special qualifications by approved maintenance organizations issued under CASR part 145, or by certificate holder issued under CASR part 121, and 135, to provide continuous airworthiness maintenance program according to its maintenance manual;
- (e) Is recommended for certification by his employer, to the satisfaction of the DGCA, as able to satisfactorily maintain the aircraft or components, appropriate to the job for which he is employed.

65.73 Personnel Qualification

- (a) Unless as specified by paragraph (b) of this section, each applicant for a certificate of maintenance approval must:
 - (1) satisfactory completion of the training that is specifically designed to qualify the applicant for the job on which the applicant is to be employed, conducted by aircraft maintenance training organization certificated under CASR 147 or manufacturer; and
 - (2) present the documentary evidence, satisfactory to the DGCA, of at least 6 (six) months of practical experience on the type of aircraft or component thereof for which is specially designed to qualify the applicant for the job on which the applicant is to be employed.

- (b) The aircraft certificate of maintenance approval may also be issued to person who meets the following requirements:
 - (1) has satisfactory completion of the training that is specifically designed to qualify the applicant for the job on which the applicant is to be employed, conducted by the holder of certificate issued under CASR parts 121, 135, and 145, in accordance with their approved training program; and
 - (2) present the documentary evidence, satisfactory to the DGCA, of at least 12(twelve) months of practical experience on the type of aircraft or component thereof for which is specially designed to qualify the applicant for the job on which the applicant is to be employed.

65.75 General Privileges and Limitations

- (a) A certificate of maintenance approval holder may perform or supervise the maintenance, preventive maintenance, or alteration of aircraft or components appropriate to the specific job for which he was employed and certificated, but only in connection with duties for the certificate holder by whom he was employed and recommended.
- (b) A certificate of maintenance approval holder may not perform or supervise duties under the certificate of maintenance approval unless the certificate of maintenance approval holder understands the current instructions of the certificate holder by whom he/ she is employed and the manufacturer's instructions for continued airworthiness relating to the specific operations concerned.

65.77 Additional Privileges

A certificate of maintenance approval holder may approve for return to service the maintenance, preventive maintenance, or alteration of aircraft or components appropriate to the specific job for which he was employed and certificated, within the limits of tasks specially authorized by approved maintenance organizations issued under CASR part 145, or by certificate holder issued under CASR part 121 and 135.

65.79 Validity of Certificate of Maintenance Approval

- (a) Unless it is revoked, suspended or cancelled by the Director General, a certificate of maintenance approval shall remain valid for the period specified in the document and such period shall not exceed 3 years from the date of issue or previous renewal of the document.
- (b) The holder of certificate of maintenance approval issued under this part that is suspended, revoked, or no longer valid shall return it to the Director General.

65.81 Renewal of Certificate of Maintenance Approval

- (a) Upon application to the Director General, and showing compliance with this Part, the period of validity of certificate of maintenance approval may be renewed for a further period not exceed 3 years.
- (b) To be eligible for renewal of a certificate of maintenance approval, an applicant must present evidence to the DGCA to show completion of:
 - (1) the recurrent human factor training; and
 - (2) perform or supervise the maintenance, preventive maintenance, or alteration of aircraft or components appropriate to the job for which the he was employed and certificated at least 6 months within preceding 24 months.

65.83 through 65.89 [Reserved]

SUBPART E – RECOGNITION OF FOREIGN LICENSE

65.91 General

- (a) The DGCA may, upon application, issue an Indonesian license or certificate of validation under this sub part to the foreign license holder with appropriate rating for aircraft type registered in Indonesia.
- (b) A license and associated category may be issued to person based on foreign license issued by another contracting state, who meets the following requirements:
 - (1) Hold a current and valid aircraft engineer license issued by another Contracting State in accordance with ICAO Annex 1 for at least 60 months;
 - (2) Is able to read, write, speak and understand the English language;
 - (3) Has passed a written test covering the regulations in this part and the applicable provisions of CASR parts 43, 91, 121, 135 and 145;
 - (4) Has passed the oral and practical test on the category or rating he/she seeks; and
 - (5) Is employed by approved maintenance organization issued under CASR part 145, or by certificate holder issued under CASR part 91, 121, and 135.
- (c) The certificate of validation will be issued to person based on foreign license issued by another contracting state, who meets the following requirements:
 - (1) Hold a current and valid aircraft engineer license issued by another Contracting State in accordance with ICAO Annex 1 for at least 60 months;
 - (2) Is able to read, write, speak and understand the English language; and
 - (3) Has passed a written test covering the regulations in this part and the applicable provisions of CASR parts 43, 91, 121, 135 and 145.
 - (4) Is employed by approved maintenance organization issued under CASR part 145, or by certificate holder issued under CASR part 91, 121, and 135.

65.93 Privileges and Limitations

- (a) The holder of a license as prescribe in section 65.91(b) has privileges and limitations in accordance with section 65.57 and 65.59 of this part.
- (b) The holder of a certificate of validation may perform the maintenance, preventive maintenance or alteration, and approved for return it to service to the specific job for which he was employed and certificated, within the limits of tasks specially endorsed on the certificate.
- (c) The holder of a certificate of validation, with particular aircraft rating may sign maintenance release or aircraft log entry in accordance with CASR 121.709 and CASR 135.704.
- (d) The holder of certificate of validation may not exercise the privileges of his license unless the foreign license is valid and current.
- (e) The holder of certificate of validation may not exercise the privileges of his license unless he understands the current instructions of the manufacturer, and the maintenance manuals, for the specific operation concerned.

65.95 Validity of Certificate of Validation

- (a) Unless it is revoked, suspended or cancelled by the Director General, a certificate of validation shall remain valid for the period specified in the document and such period shall not exceed one year from the date of issue or previous renewal of the document.
- (b) The holder of certificate of validation issued under this sub part that is suspended, revoked, or no longer valid shall return it to the Director General.

65.97 through 65.99 [Reserved]

APPENDIX A – BASIC CERTIFICATE KNOWLEDGE REQUIREMENT

The applicant shall have demonstrated a level of knowledge relevant to the privileges to be granted and appropriate to the responsibilities of an aircraft maintenance license holder, in at least the following subjects:

(a) Aviation Legislation & Airworthiness Requirement

Rules and regulations relevant to an aircraft maintenance license holder including applicable airworthiness requirements governing certification and continuing airworthiness of aircraft and approved aircraft maintenance organization and procedures.

(b) Natural science and aircraft general

Basic mathematics; units of measurement; fundamental principles and theory of physics and chemistry applicable to aircraft maintenance.

(c) Aircraft engineering and maintenance

(1) Characteristics and applications of the materials of aircraft construction including principles of construction and functioning of aircraft structures, fastening techniques; engines and their associated systems; mechanical, fluid, electrical and electronic power sources; aircraft instrument and display systems; aircraft control systems; and airborne navigation and communication systems;

(2) Tasks required to ensure the continuing airworthiness of an aircraft including methods and procedures for the overhaul, repair, inspection, replacement, modification or defect rectification of aircraft structures, components and systems in accordance with the methods prescribed in the relevant Maintenance Manuals and the applicable Standards of airworthiness; and

(d) Human performance

Human performance, including principles of threat and error management, relevant to aircraft maintenance.

APPENDIX B – AIRCRAFT RATING KNOWLEDGE REQUIREMENT

The applicant shall have demonstrated a level of knowledge relevant to the privileges to be granted and appropriate to the responsibilities of an aircraft maintenance engineer license holder with aircraft rating, in at least the following subjects:

(a) Aviation Regulation

Rules and regulations relevant to an aircraft maintenance engineer license holder including continuing airworthiness of aircraft and approved aircraft maintenance organization procedures.

(b) Aircraft general

Time limits, maintenance checks, dimensions, lifting and shoring, leveling and weighing, towing and taxiing, parking and mooring, storing, placards and markings, servicing and standard practices.

(c) Airframe Structure

(1) Airframe Airplane

Standard practices and structures, fuselage, nacelles/pylons, stabilizers, windows, wings, flight control surfaces, doors, and zonal and station identification systems.

(2) Airframe Helicopter

Structure, vibration and noise analysis (blade tracking), standard practices rotor, rotors, tail rotor, tail rotor drive, folding blades, pylon, rotors flight control, and emergency flotation equipment.

(d) Aircraft System

Air conditioning, autoflight, communications, electrical power, equipment and furnishings, fire protection, flight controls, fuel systems, hydraulic power, ice and rain protection, indicating/recording systems, instrument systems, landing gear, light, navigation, oxygen, pneumatic, vacuum, water/waste, integrated modular avionics, cabin systems, information systems, cargo and accessory compartments.

(e) Engine

1. Turbine Engine

Standard practices, powerplant, engine turbine/turbo prop/ducted fan/unducted fan, engine fuel and control, air, engine controls, exhaust, oil, starting, water injections, accessory gear boxes, propulsion augmentation, FADEC, ignition, engine indicating systems and auxiliary power units(APUs).

2. Piston Engine

Standard practices, constructional arrangement and operation (installation, carburetors, fuel injection systems, induction, exhaust and cooling systems, supercharging/turbocharging, lubrication systems), engine performance, powerplant, engine fuel and control, engine control, oil, starting, turbines, water injections, accessory gear boxes, propulsion augmentation, FADEC, ignition and engine indication systems.

(f) Propeller

Standard practices, propeller construction, pitch control, synchronizing, electronic control, ice protection and maintenance.

MENTERI PERHUBUNGAN
REPUBLIK INDONESIA,

ttd

BUDI KARYA SUMADI

Salinan sesuai dengan aslinya
KEPALA BIRO HUKUM

SRI LESTARI RAHAYU
Pembina Utama Muda (IV/c)
NIP. 19620620 198903 2 010