



Republic of the Philippines
Department of Transportation and Communications

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
Office of the Director General

MEMORANDUM CIRCULAR NO.: 05-16

TO : ALL CONCERNED

FROM : THE DIRECTOR GENERAL

SUBJECT : AMENDMENTS TO THE PHILIPPINE CIVIL AVIATION REGULATIONS PARTS 1 AND 2

REFERENCES:

1. Philippine Civil Aviation Regulations Parts 1 and 2
2. ICAO Annex 1
3. Medical Handbook of Procedure
4. ICAO Annex 1; Amendment 169, 170, 171 & 172
5. Regulations Amendment Procedures
6. Board Resolution No.: 2012-054 dated 28 September 2013

Pursuant to the powers vested in me under Republic Act 9497, otherwise known as the Civil Aviation Authority Act of 2008 and in accordance with the Regulations Amendment Procedures with Board Resolution No.: 2012-054 dated 28 September 2013, I hereby approve the incorporation of ICAO Annex 1, Amendment 169, 170, 171 and 172 to the Philippine Civil Aviation Regulations.

AMENDED REGULATIONS:

PCAR PART 1

APPENDIX A DEFINITIONS

Approved training. Training conducted under special curricula and supervision approved by the Authority.

Approved training organization. An organization approved by and operating under the supervision of this Authority in accordance with the requirements of PCAR to perform approved training.

Medical Assessor. A physician, appointed by the Licensing Authority, qualified and experienced in the practice of aviation medicine and competent in evaluating and assessing medical conditions of flight safety significance.

Note 1: Medical assessors evaluate reports submitted to the Licensing Authority by medical examiners.

"The Future is in the Skies"

Note 2: Medical assessors are expected to maintain the currency of their professional knowledge.

PCAR PART 2

2.2.7 LANGUAGE PROFICIENCY

- (a) Flight navigators required to use the radio telephone aboard an aircraft, air traffic controllers and aeronautical station operators shall demonstrate the ability to speak, read and understand the English language used for radio telephony communications.
- (b) All airplane, airship, helicopter and powered-lift pilots, air traffic controllers and aeronautical station operators shall demonstrate the ability to speak and understand the language used for radiotelephony communications to the level specified in the language proficiency requirements.

2.3.2.4 TYPE RATINGS - AIRPLANE AND HELICOPTER AND POWERED-LIFTS

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(c) *Flight instruction.*

- (1) The applicant for a type rating shall have completed the flight instruction for the type rating:
 - (i) for single-pilot aircraft: on the subjects listed in IS 2.3.3.2 or IS 2.3.3.3 Appendix B (for airplane) or IS 2.3.3.6 or IS 2.3.3.7 Appendix B for helicopter, as applicable; and
 - (ii) for multi-pilot aircraft: on the subjects listed in IS 2.3.3.4 Appendix B (for airplane) or 2.3.3.8 Appendix B (for helicopter), as applicable.
- (2) *Where applicable the flight instruction shall include instrument procedures, including instrument approach and landing procedures under normal, abnormal and emergency conditions, including simulated engine failure and upset prevention and recovery training.*

2.3.3.5.2 REQUIREMENTS

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(f) *Ratings.* Comply with the sections of this regulation that apply to the rating he seeks.

- (1) Airplane rating: Aeronautical experience.
 - (i) An applicant for a Multi-crew pilot license with an airplane rating shall have completed an approved training course and shall have not less than 240hours as pilot flying and pilot not flying of actual and simulated flight.
 - (ii) Flight experience in actual flight shall include not less than 40 hours of flight time, or 35 hours if completed during a course of approved training, as a pilot of airplanes appropriate to the class rating sought and shall include upset prevention and recovery training, night flying, cross-country and flight by reference solely to instruments.

2.6.2 AVIATION MAINTENANCE TECHNICIAN (AMT)

2.6.2.4 KNOWLEDGE REQUIREMENTS

xxx

(5) Human performance:

- (i) human performance and limitations, including principles of threat and error management relevant to the duties of an aviation maintenance license holder.

2.6.3 AVIATION MAINTENANCE SPECIALIST (AMS)

2.6.3.4 KNOWLEDGE REQUIREMENTS

xxx

(5) Human performance:

- (i) Human performance and limitations, including principles of threat and error management relevant to the duties of an aviation maintenance license holder.

2.7.5 AIR TRAFFIC CONTROLLER RATING REQUIREMENTS

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- (c) *Skill*. The applicant shall have demonstrated by passing the required skill test, at a level appropriate to the privileges being granted, the skill, judgement and performance required to provide a safe, orderly and expeditious control service including the recognition and management of threats and errors.

2.8.3 FLIGHT OPERATIONS OFFICER LICENSE

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(b) *Knowledge*. The applicant for a flight operations officer license shall:

- (1) receive an approved training course from an authorized instructor on the knowledge areas:
 - (i) Air Law: rules and regulations relevant to the holder of a flight operations officer license; appropriate air traffic services practices and procedures;
 - (ii) Aircraft general knowledge:
 - (A) principles of operation of airplane powerplants, systems and instruments;
 - (B) operating limitations of airplanes and powerplants; and
 - (C) minimum equipment list.
 - (iii) Flight performance calculation and planning procedures:
 - (A) effects of loading and mass distribution on aircraft performance and flight characteristics; mass and balance calculations;
 - (B) operational flight planning; fuel consumption and endurance calculations; alternate airport selection procedures; en-route cruise control; extended range operation;
 - (C) preparation and filing of air traffic services flight plans; and

- (D) basic principles of computer-assisted planning systems.
- (iv) Human performance: human performance relevant to dispatch duties; including principles of threat and error management.

2.8.3 FLIGHT OPERATIONS OFFICER LICENSE

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- (d) *Skill*. The applicant shall have demonstrated the ability to:
 - (1) make an accurate and operationally acceptable weather analysis from a series of daily weather maps and weather reports; provide an operationally valid briefing on weather conditions prevailing in the general neighborhood of a specific air route; forecast weather trends pertinent to air transportation with particular reference to destination and alternates;
 - (2) determine the optimum flight path for a given segment, and create accurate manual and/or computer generated flight plans;
 - (3) provide operating supervision and all other assistance to a flight in actual or simulated adverse weather conditions as appropriate to the duties of the holder of a flight operations officer license; and
 - (4) recognize and manage threats and errors.

2.10.1.3 AVIATION MEDICAL EXAMINERS (AME)

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- (g) The medical examiner shall be required to submit sufficient information to the Licensing Authority to enable that Authority to undertake Medical Assessments audits.

Note: The purpose of such auditing is to ensure that medical examiners meet applicable standards for good medical practice and aeromedical risk assessment. Guidance on aeromedical risk assessment is contained in the Handbook of Procedures of Aviation Medical Examination.

2.10.1.3 AVIATION MEDICAL EXAMINERS (AME)

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- (k) The competence of a medical examiner shall be evaluated periodically by the medical assessor.

2.10.1.6 DECREASE OF MEDICAL FITNESS

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- (b) The Authority shall ensure that licence holders are provided with clear guidelines on medical conditions that may be relevant to flight safety and when to seek clarification or guidance from a medical examiner or Licensing Authority.

Note: Guidance on physical and mental conditions and treatments that are relevant to flight safety about which information may need to be forwarded to the Licensing Authority, is contained in the Handbook of Procedures of Aviation Medical Examination.

2.10.1.8 MEDICAL CERTIFICATE

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(d) *Renewal or re-issue of a medical certificate*

- (1) The level of medical fitness to be met for the renewal or re-issue of a medical certificate shall be same as that for the initial certificate except where otherwise specifically stated.

2.10.2.2.1 CERTIFICATE AND ISSUE RENEWAL

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- (d) In alternate years, for Class 1 applicants under 40 years of age, the Licensing Authority may allow medical examiners to omit certain routine examination items related to the assessment of physical fitness, whilst increasing the emphasis on health education and prevention of ill health.

2.10.2.2.2 PHYSICAL AND MENTAL REQUIREMENTS

xxx

- (b) The applicant shall have no established medical history or clinical diagnosis of:
 - (6) a depression being treated with antidepressant medication, unless the medical assessor, having access to the details of the case concerned, considers the applicant's condition as unlikely to interfere with the safe exercise of the applicant's licence and rating privileges.

2.10.2.2.2 PHYSICAL AND MENTAL REQUIREMENTS

xxx

- (aa) Applicants who are seropositive for human immunodeficiency virus (HIV) shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed as not likely to interfere with the safe exercise of the applicant's licence or rating privileges.

2.10.2.3.2 PHYSICAL AND MENTAL REQUIREMENTS

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- (b) The applicant shall have no established medical history or clinical diagnosis of:
 - (1) a psychosis;
 - (2) alcoholism;
 - (3) drug dependence;
 - (4) any personality disorder, particularly if severe enough to have repeatedly resulted in overt acts;
 - (5) a mental abnormality, or neurosis of a significant degree;
 - (6) such as might render the applicant unable to safely exercise the privileges of the license applied for or held, unless accredited medical conclusion

indicates that in special circumstances, the applicant's failure to meet the requirement is such that exercise of the privileges of the license applied for is not likely to jeopardize flight safety; and

- (7) a depression being treated with antidepressant medication, unless the medical assessor, having access to the details of the case concerned, considers the applicant's condition as unlikely to interfere with the safe exercise of the applicant's licence and rating privileges.

2.10.2.3.2 PHYSICAL AND MENTAL REQUIREMENTS

xxx

- (z) Those who are seropositive for human immunodeficiency virus (HIV) shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed as not likely to interfere with the safe exercise of the applicant's license or rating privileges.

2.10.2.4.2 PHYSICAL AND MENTAL REQUIREMENTS

xxx

- (x) Those who are seropositive for human immunodeficiency virus (HIV) shall be assessed as unfit unless the applicant's condition has been investigated and evaluated in accordance with best medical practice and is assessed as not likely to interfere with the safe exercise of the applicant's licence or rating privileges.

Note: Early diagnosis and active management of HIV disease with antiretroviral therapy reduces morbidity and improves prognosis and thus increases the likelihood of a fit assessment.

Section 2.10.2.2.2 paragraph (w) - DELETED

EFFECTIVITY:

Fifteen (15) days after compliance with the requisite publication in a single newspaper of general circulation and a copy filed with the U.P. Law Center – Office of the National Administrative Register, these amendments shall be incorporated to the Philippine CAR Parts 1 and 2, series of 2015 and shall supersede any memoranda, regulations and directives in conflict herewith.

So Ordered. Signed this 28 day of JAN 2016, 2015, CAAP, Pasay City



LT GEN WILLIAM K HOTCHKISS III AFP (RET)
Director General