

Regulation of the Civil Aviation Board

No. 10

relating to the Qualifications of Applicants for Flight Engineers and Privileges of Licensed Flight Engineers

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By virtue of Section 15 of the Air Navigation Act B.E. 2497, the Civil Aviation Committee, with the approval of the Minister of Transport, hereby issues the following Regulation:

**Clause 1.** Clause 1 of the Regulation of the Civil Aviation Committee No. 4 dated 17 May B.E. 2500 shall be repealed, only in the parts relating to the qualifications of applicants for flight engineers and rights of licensed flight engineers.

**Clause 2.** An applicant to be a flight engineer shall have the following qualifications;

Age;

Not less than 24 years old.

Knowledge in the following fields;

- a. Flight theory and fundamental aerodynamics.
- b. Fundamental principles of aircraft maintenance, procedures for the maintenance of aircrafts, aircraft engines and equipment installed on aircrafts which shall usually be supervised by a flight engineer.
- c. Minor maintenance, configuration and replacement of aircraft equipment during flight.
- d. Aircraft performance including speed limitations and counter measures in case of engine malfunctions or power losing.
- e. Flight plan determination from information including loading position, center of gravity, characteristics of fuels and engine capability.
- f. Engine power control and meteorological effects.
- g. Air navigation law relevant to the licensed flight engineers.

Experience:

The applicant shall have trained, either in aircraft or flight simulator, have completed not less than 200 flight hours as a flight engineer. If the applicant is a licensed ground flight engineer, the applicant shall have completed not less than 50 flight hours as a flight engineer. In case of a pilot, the applicant shall have operated as a pilot-in-command in aircraft operated by at least 4 engines, not less than 200 flight hours.

Skill:

The applicant shall have demonstrated the ability to perform as flight engineer of an aircraft during flight and emergency situations.

Medical fitness:

The applicant shall have medical fitness in compliance with Convention on International Civil Aviation regarding licensed flight engineers.

**Clause 3.** The privileges of a licensed flight engineer shall be to act as flight engineer of any type of aircraft on which the holder has obtained a license, provided that such privileges shall not be usable if the licensee fails to possess updated information, guidance and manual for such aircraft or has not operated as a flight engineer for 6 consecutive months.

This Regulation shall take effect from 7 of February B.E. 2506 onwards

Issued on 18 February B.E. 2506

Lt Gen P. Punnakanta

Chairman of the Civil Aviation Committee