Papua New Guinea Civil Aviation Regulation (CAR) Part 66 prescribe rules applicable to individuals or maintenance engineers who wish to conduct aircraft maintenance or airworthiness inspections and exercise certifying privileges within the PNG civil aviation system. Specifically, the rules provide for the following:

* Aircraft maintenance engineer licence: The entry level qualification for the performance of maintenance on aircraft:
* Aircraft maintenance engineer type or group ratings: The individual qualifications that specify the expertise of the holder of the aircraft maintenance engineer licence and provide certification privileges on certain aircraft types:
* Aircraft maintenance specialist certificates: A certificate that provides specific privileges and responsibilities on senior licence holders to perform specialist maintenance activities.
* Certificate of inspection authorisation: A certificate that provides additional privileges and responsibilities on senior licence holders that included certification of Annual Reviews of Airworthiness and conformity of major modifications and repairs

**Eligibility requirements**

(a) To be eligible for the grant of an aircraft maintenance engineer licence, a person shall;

(1) be at least 21 years of age; and

(2) have passed written examinations, relevant to the duties and responsibilities of an aircraft maintenance engineer in the following subject areas: –

(i) ***Air Law*: rules and regulations**; and

(ii) ***Natural science******and aircraft general knowledge***: basic mathematics; units of measurement; fundamental principles and theory of physics and chemistry applicable to aircraft maintenance; and

(iii) ***Aircraft engineering***: 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; and

(iv) ***Aircraft maintenance***: 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

(v) ***Human performance*** including principles of Threat and Error Management, relevant to aircraft maintenance.

(b) A person is eligible for the grant of an aircraft maintenance engineer licence if that person—

(1) has satisfactorily completed one of the following:

(i) a traineeship in an aviation technical trade, of forty-eight months of practical aviation related experience, including formal technical training with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, power plants, or avionic systems and equipment, gained at any time; or

(ii) a traineeship in an appropriate non-aviation technical trade, and thirty-six months of practical aviation related experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, power plants, or avionic systems and equipment, gained following completion of the traineeship; or

(iii) a total of sixty months of practical aviation related experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, power plants, or avionic systems and equipment; or

(iv) a course of integrated training, including at least thirty-six months of supervised training and experience, conducted by the holder of an aviation training organisation certificate issued under car part 141 that authorises the conduct of such a course; and

(2) for each option in paragraph (b)(1), 24 months of the experience required shall be appropriate to the category of licence sought; and

(3) has passed written examinations acceptable to the Director relevant to the category of licence sought.

(c) A person holding a foreign licence is eligible for the grant of an aircraft maintenance engineer licence in the appropriate categories if;

(1) the foreign licence held;

(i) is current and complies with the requirements of ICAO Annex 1; and

(ii) was issued by a Contracting State accepted by the Director as meeting equivalent standards for licence issue; or

(2) the holder of the foreign licence has passed examinations, or otherwise gained qualifications, appropriate to the category of licence sought, acceptable to the Director.

Key Resource Link;

* **Car Part 66 Subpart C — Aircraft Maintenance Engineer Licence Ratings.**
* **Car Part 66 Appendix B — Group and Type Ratings.**
* **Advisory Circular (AC) 66-2.1 – Aircraft Maintenance Engineer Licence General**