



**CAAV**

# **CIVIL AVIATION ORDER**

**02/23**

# **FLIGHT CREW OPERATING REQUIREMENTS**

**CAAV COPYRIGHT**

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## **1. Rule References**

- ICAO ANNEX 1
- ICAO ANNEX 6
- CAA NZ RULE PART 61 and AC61
- CAANZ RULE PART 119
- CAANZ RULE PART 135,125 and 121

## **2. Rules affected**

- CAANZ part 61.
- CAANZ Part 125 , 121

## **3. Amendments**

- Nil

## 1. INTRODUCTION

- a. Flight Crew Licensing Requirements is outlined and Regulated on PART 61 of the Civil Aviation Authority of New Zealand Rules. This is further broken down into their Relevant ACs.
- b. Flight Crew Operating Requirements are further detailed more into their various operational procedures outlined in Part 91, 135, 125 and 121. Part 119 states on how every AOC holders are to conduct their operations according to their approved exposition.
- c. This Civil Aviation Order is published to identify areas in the rules that require attention by referencing on the ICAO Recommendations. The Civil Aviation Authority of Vanuatu has detailed some requirements that will.
  - Assist in relating relevant rules, to work in conformity to each other.
  - Raise the standard, by detailing ambiguous translations to some parts of the rules.
  - Help Vanuatu Air Operations work on efficient methods of Licensing of Pilots.
  - Identify key areas that will help the Authority, safely regulate Flight Crew Requirements.
  - Standardise systems and procedures wherever possible.
- d. The purpose of this document is to detail the current Authority policy relating to the Licensing and Operations of Flight Crews.
- e. This Document is produced on the Directives of the Director of Civil Aviation Authority of Vanuatu under the Civil Aviation Act Consolidated Edition 2021 Section 30.

## 2. APPLICATION

- a. This document applies to all Flight Crew Operating, Vanuatu Registered Aircrafts for Commercial Operations.
- b. It also outlines the different requirements for logging of Flight Times onto the Pilots logbooks. Instructors are given privileges and Importance of the role they play.
- c. This Document should be read in conjunction with ICAO Annex 1 and Annex 6 SARPS.

## 3. DEFINITIONS

- **Aircraft required to be operated with a co-pilot.** - A type of aircraft that is required to be operated with a co-pilot, as specified in the flight manual or by the air operator certificate.
- **Air operation** - Any Aircraft Operations carried out for Hire or Reward.
- **Co-pilot.( Second In command)** - A licensed pilot serving in any piloting capacity other than as pilot-in-command but excluding a pilot who is on board the aircraft for the sole purpose of receiving flight instruction.
- **Flight crew member.** A licensed crew member charged with duties essential to the operation of an aircraft during a flight duty period.
- **Large Aeroplane** - An aeroplane of a maximum certificated take-off mass of over 5700 kg.
- **Multi Pilot Aircraft** - means an aircraft other than a single-pilot aircraft
- **Pilot-in-command under supervision.** This replaces The Word Command Practice and ICUS
  - Co-pilot performing, under the supervision of an Instructor /Approved Person, the duties and functions of a pilot-in-command . or,
  - Pilot undergoing Command Training by an Instructor/Approved Person in accordance with a method of supervision acceptable by the Licensing Authority.
  
- **Part 135 Operations** - Operations of Aircrafts with less than 9 passenger seats.
- **Part 125 Operations** - Operations of Air craft with 10 to 30 passenger Seats
- **Part121 Operations** - Operations of Aircraft with more than 30 passenger seats
- **Similar Type** - All aircraft of the same basic design including all modifications thereto except those modifications which result in a change in handling or flight characteristics.

#### 4. Class Ratings

##### ➤ Privileges

- The privileges of Class Rating is applicable only for Validation requirement and will be for the License Conversion Purpose only, as per the approval by the Director. Class Rating for large Aeroplane is not approved.

#### 5. Air craft Typeratings

##### ➤ Issue (This works in collaboration with requirements under 61.53, 61.55 and supersedes 61.305(d)(2), h(5), m(4), g(4).

Every Pilot applying to include an aircraft Type onto their licenses will be,

- required to undergo necessary Flight Training with an Instructor.
- Produce Evidence of have passed an approved written examination in the normal, abnormal and emergency procedures for the operation of the aircraft's systems and in the aircraft's performance, weight and balance.
- Pass a Typerating Test with a CAAV Delegated Examiner.
- All Typerating Test will be applied to CAAV, for the Delegation of an Examiner for the test.

#### 6. Pilot Logbooks.

##### ➤ Logging and Crediting of Flight Times.

- A pilot on Command consolidation for the purpose of Rule 135.505b3 may credit flight time recorded as pilot-in-command under supervision (PICUS) towards the flight time experience requirements for an Airline Transport Pilot Licence, under the supervision of a qualified Instructor who certifies the time in the Pilot Logbook. Addition to rule Part 61.31 Paragraph i.
- An Instructor who is designated as pilot-in-command for the purpose of rule 135.505(b)(3) to supervise a pilot undergoing consolidation of operating experience may credit the pilot-in-command flight time towards the flight time experience requirements for an Airline Transport Pilot Licence. Addition to rule Part 61.31 paragraph j.

#### 7. Commercial Pilot License

##### ➤ Privileges. Supersedes/ Replace Part 61.205(3)

- Act as pilot-in-command of an aircraft that is certificated for multi-pilot operation and engaged on any operation for hire or reward except for Large Aero planes.

#### 8. Airline Transport Pilot License

##### ➤ Experience Requirement. This supersedes AC 61-7 (2.1.3(b)). Every requirement on Part 61.31 Remains,

- 500 hours as pilot-in-command under supervision or 250 hours, either as pilot-in-command, or made up by not less than 70 hours as pilot-in-command and the necessary additional flight time as pilot-in-command under supervision;

##### ➤ Privileges. Supersedes Part 61.255(2)

- Act as pilot-in-command of an aircraft that is required to be operated with a co-pilot and is engaged on an Air operation for hire or reward on Large aeroplanes.

➤ **Flight Test.** This completes requirement on Part 61.253(b)(2)

The applicant shall have demonstrated the ability to perform, as pilot-in-command of a Multi Engine aircraft within the appropriate category required to be operated with a co-pilot, including the following procedures and maneuvers:

- normal flight procedures and maneuver's during all phases of flight;
- abnormal and emergency procedures and manoeuvres related to failures and malfunctions of equipment, such as engine, systems and airframe;
- procedures for crew incapacitation and crew coordination, including allocation of pilot tasks, crew cooperation and use of checklists;
- to include simulated engine failure on Instrument phase of flight.
- operate the aircraft in the mode of automation appropriate to the phase of flight and to maintain awareness of the active mode of automation;

## 9. Instrument Flight Rules

➤ **Minimum Flight Crew**

The certificate holder may operate an aeroplane with a passenger seating configuration, excluding pilot seats, of 9 seats or less under IFR with one pilot if—

- the aeroplane flight manual permits the aeroplane to be operated by one pilot; and
- the aeroplane is equipped with an operative autopilot or stabilisation system capable of operating the aeroplane controls to maintain flight and manoeuvre the aeroplane about the roll and pitch axes with an automatic heading and altitude hold; and
- the operations meets requirement under its relevant Parts.

## 10. Instructor Ratings

**Category D – Multi Engine.** This improves requirement on AC 61-18 Appendix 1

➤ **Eligibility**

- Candidate must have a minimum of 1000 hours flight time experience as a pilot including 500hrs as pilot-in-command experience on the type or Similar Type of aircraft on the Initial Endorsement, or experience acceptable by the Director.
- To Instruct on other Types, then the candidate must have acquired 100hrs as pilot in command on every type.
- Candidate must be current on Type before exercising Privileges of an Instructor Rating.



## 11. Airline Examiners

### ➤ Eligibility

- Candidate must have an Instructor Rating.
- Candidate must have logged 200hours of exercising Instructor privileges on relevant aircraft Types/similar Types.
- All other requirements on AC61-19 still applies.
- Candidate must be current on Type before exercising Privileges of an Examiner Rating, if occupying Crew Seat.

## 12. Part 135 Operations.

- **Pilot-in-command consolidation of operating experience on type.** Supersedes 135.505b(3)  
(3) While performing the duties of a pilot-in-command under the supervision of a designated Instructor or otherwise approved by the Director.
  - (i) Be authorised in writing by the certificate holder to supervise a pilot undergoing consolidation of operating experience on the aircraft type; and
  - (ii) Occupy a flight crew member seat while supervising; and

## 13. Part 125 Operations- **More than 10 Passenger Seats.** Supersedes Part 125.507(3), 125. 509 (4)

### ➤ Pilot-in-command experience requirements

- has at least 1500 hours of flight time experience as a pilot, including—
  - (i) 500 hours of cross country flight time; and
  - (ii) 500 hours flight time experience on the type or similar Type.

### ➤ Crew Operating Requirement. Supersedes Part 125.525(b)

- All Air Operator Certificate holders will operate an aeroplane with a passenger seating configuration excluding pilot seats, of 10 seats or more with 2 qualified Pilots. Otherwise approved by the Director.

## 14. Part 121 Operations. Supersedes Part 121.507(4)

### ➤ Pilot-in-command experience requirements

- has at least 2000 hours of flight time experience as a pilot, including—
  - (i) 500hours on type or Similar Type and 1000 hours in the type of operations to which this Part applies or in equivalent operations that are acceptable to the Director; and
  - (ii) 100 hours of instrument time of which at least 50 hours must be acquired in actual flight;

### ➤ Second-in-command experience requirements. Supersedes Part 121.509(1)

- A holder of an air operator certificate must not designate a pilot to act as second-in-command of an aeroplane conducting an air operation under the authority of the certificate unless the pilot—
  - (1) has a total of 1500hrs Total Flying experience, holds at least a current commercial pilot licence (aeroplane) with an applicable aircraft type rating.