



GOVERNMENT OF INDIA  
**OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION**  
TECHNICAL CENTER, OPPOSITE SAFDARJUNG AIRPORT, NEW DELHI

**CIVIL AVIATION REQUIREMENT  
SECTION 7- FLIGHT CREW STANDARDS  
TRAINING AND LICENSING**

**SERIES 'I' PART IV**  
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Subject: **CRITERIA FOR APPROVAL OF EXAMINERS / INSTRUCTORS /  
CHECK PILOTS FOR HELICOPTER OPERATIONS**

1. **INTRODUCTION**

Rule 41 A of the Aircraft Rules 1937 requires approval of Check Pilots and Examiners for the purpose of checking the proficiency of pilots. This Civil Aviation Requirement lays down the minimum requirements for approval of Examiners, Instructors & Check-Pilots on helicopters. The CAR is issued under Rule 133A of the Aircraft Rules.

2. **GENERAL REQUIREMENTS**

- 2.1 No pilot shall exercise the privileges of an Examiner / Instructor / Check Pilot unless he/she is duly approved as such by DGCA and meets the requirements of this CAR.
- 2.2 The seniority, position in the airline and remuneration received by the pilots shall not be the consideration for approval as Examiners / Instructors / Check-Pilots.
- 2.3 The pilots recommended for approval as Examiners / Instructors / Check-Pilots shall be free from prejudices and strong likes and dislikes and capable of recording fair assessments and shall be known for their impartiality. They shall be capable of instilling high standard of discipline among the aircrew and shall have balanced attitude towards them.

- 2.4 The pilots recommended for approval as Examiners/ Instructors / Check-Pilots;
- (a) shall be regularly flying the helicopter type for which the approval is sought;
  - (b) shall have obtained pilot-in-command rating on the type in the first attempt;
  - (c) shall have consistently shown satisfactory proficiency;
  - (d) shall not have failed in any of the proficiency checks on helicopters during the preceding two years;
  - (e) shall have a record completely free of any accident attributable to pilot's proficiency in handling the helicopter during the preceding five years;
  - (f) shall have a record free of any incident attributable to pilot's proficiency in handling the helicopter during the preceding three years;
  - (g) shall not have tested alcohol positive during a pre/post flight medical check in the previous 3 years.
- 2.5 The operators, before recommending the names of the pilots for such approvals, shall subject the pilots to a process of selection, suitability tests and requisite training and test on the type of helicopter as per Appendix 'A'. The pilots who fail in the test should not be recommended for the respective approval for a period of one year.
- 2.6 The Chief of Training, at the time of seeking approval of DGCA, shall furnish a statement showing compliance of all the requirements of this CAR including the submission of complete training and test records, in original, in respect of each pilot and certify that the pilot is competent to exercise the privileges as provided in this CAR.
- 2.7 The pilots approved as Examiners / Instructors / Check-Pilots shall be checked by Flight Operations Inspector of DGCA for the purpose before they are released by the operator to act as Examiners / Instructors / Check-Pilots. The pilots who fail in the proficiency check shall not be recommended for the respective approval for a period of three months.
- 2.8 A pilot approved as Examiner / Instructor / Check Pilot on a particular type of helicopter can exercise privileges of Examiner / Instructor / Check Pilot on all variants of that type only after required differences / familiarisation training as prescribed by ATO or vide CAR Section 8 Series H Part II whichever is greater, has been carried out.
- 2.9 Release check(s) of a pilot shall not be carried out by the same Examiner / Instructor, who has undertaken the training.

3. **REQUIREMENTS OF FLYING EXPERIENCE**

3.1 The minimum flying experience requirements are as follows :

Experience	Check Pilots (Hrs)	Instructors (Hrs)	Examiners (Hrs)	Remarks
Total Flight	2000	2500	3000	
Total Helicopters	1500	2000	2500	
PIC Helicopters	1000	1500	2000	
on Type PIC	50	75	100	
Preceding year on type	50	50	50	
Multi Engine PIC	300	400	500	Applicable only for multi-engine
Instrument Flying	150	250	300	Applicable only for IR
Supervisory Experience	-	10 Check Sorties	50 Hrs Instructional Including 10 Hrs on type	

Note -

*In case of Check pilots: The pilot holds 200 hrs experience in the relevant activity in which they are exercising the function. Relevant activities are Offshore and Hill Flying. For any other activities he should be qualified and current on that particular activity.*

3.2 The flying experience acquired and the training undergone by a pilot with an operator shall be considered for approval as Examiner / Instructor / Check-Pilot with other operators.

3.3 The knowledge, experience and skills gained in Military Service shall be credited towards the relevant requirements of this Civil Aviation Requirements at the discretion of DGCA.

4. **PRIVILEGES**

The privileges of the Examiners / Instructors / Check-Pilots shall be as mentioned below:

4.1 **Examiners**

(a) Skill test for Type Rating.

- (b) Release Check for Pilot-in-Command rating.
- (c) Instrument Rating Test.
- (d) Night check and Night Route Check.
- (e) Training and operators release checks of Examiners / Instructors.
- (f) All privileges of Instructor.

#### 4.2 Instructors

- (a) Training of pilots for Co-Pilot/Pilot-in-Command rating and Instrument Rating.
- (b) Training for Type Rating.
- (c) Training of Instructors and Check Pilots.
- (d) Proficiency checks and Role Checks.
- (e) Instrument Rating (IR) renewal check.
- (f) Operators Release check of Check pilots.
- (g) Training for Special VFR.
- (h) All privileges of a Check Pilot.

#### 4.3 Check-Pilots

- (a) Line checks.
- (b) Supervised Line Flying (SLF).

### 5. REGENCY REQUIREMENTS

5.1 An Examiner / Instructor / Check-Pilot shall exercise his privileges only when:

- (a) He is current in relevant proficiency checks and meets the recent experience requirement of 05 hours in the last 90 days on the same type and;
- (b) He has exercised the privileges of Examiner / Instructor / Check-Pilot as applicable on the same type within the preceding year except when a pilot is newly approved on a type of helicopter.

5.2 In case an Examiner / Instructor / Check-Pilot is not meeting the aforesaid recency requirements, he shall first exercise his privileges under the

supervision of an Examiner / Instructor or a DGCA Flight Operations Inspector. He shall start functioning independently again, only if his proficiency is found satisfactory.

- 5.3 A certificate indicating compliance of the aforesaid recency requirements shall be recorded by all Examiners / Instructors / Check Pilots in the Test / Check / Training reports.
6. Unless revoked or suspended, the approval of the Examiners / Instructors / Check-Pilots shall remain valid for a period of five years from the date of issue of approval so long as the pilot:
- (a) continues to regularly fly the type of aircraft on which the approval has been granted;
  - (b) meets the applicable requirements of this CAR;
  - (c) remains in the employment of the operator who has obtained the approval, and;
  - (d) to continue exercising the privileges, he shall have undergone in the past two years starting from the date of Release Check, a standardisation check with a DGCA FOI for assessment of his continued proficiency.

**7. RENEWAL**

- 7.1 Renewal of approval of Examiner / Instructor / Check Pilot shall be accorded after submitting the following documents by the operators at least three months in advance:
- (a) Copy of license and medical certificate.
  - (b) Record of standardization checks.
  - (c) Certificate by Head of Training regarding continued compliance of all requirements at Para 2.
- 7.2 The request will be examined at FSD, and if found satisfactory, a DGCA FOI will assess the proficiency as in Para 2.7 above, following which the authorization may be extended for another 5 years.
8. The Director General shall approve Examiners / Instructors / Check Pilots based on recommendations of a Board duly appointed by the Director General. The Board shall review the documentation for initial approval / renewal and provide their recommendations to Director General.
9. DGCA may also authorize for a specified period Examiners / Instructors / Check Pilots or pilots of equivalent status approved as such by any ICAO contracting State. Before exercising the privileges of Examiners / Instructors / Check Pilots following requirements are to be met:

- (a) shall meet the requirements given in this CAR.
  - (b) for a pilot issued with FATA employed by the operator, the pilot shall have functioned as an Instructor on type, duly approved by an ICAO Contracting State, for a minimum period of 2 years during the previous 3 years.
  - (c) shall undergo a FOI standardisation check at the area of operation.
10. Instructors / Examiners who are currently exercising the privileges on specific type of helicopter, may be authorised to continue to exercise their privileges on simulators (if available), provided :
- 10.1 they continue to meet all requirements needed to exercise privileges as instructor / examiner.
  - 10.2 they are familiarized with the training manual of the Training Institute for a minimum duration of 02 hours, in which the privileges are to be exercised on simulators, and
  - 10.3 they have undergone familiarization training of minimum 02 hours to operate Instructor Operating Station / Console of that Simulator.
11. In case adequate number of pilots meeting fully the aforesaid requirements are not available with an operator, the Director General may, at his discretion, relax the requirements taking into consideration the past performance, the flying record and the experience of the pilot proposed for approval by the operator.
12. **WITHDRAWAL OF EXAMINER / INSTRUCTOR / CHECK PILOT PRIVILEGES**
- 12.1 Privileges granted to a pilot as an Examiner / Instructor / Check Pilot may be withdrawn by the DGCA if the pilot is found lacking in any of the requirements. Post Holder Training of the operator may also recommend to the DGCA, withdrawal of privileges as Examiner / Instructor / Check pilot in respect giving adequate justification.
  - 12.2 Examiner / Instructor / Check Pilot privileges may be withdrawn by the DGCA, in part or in whole, for due cause. In these cases, the DGCA Flight Standards Directorate will issue a written notification of withdrawal of privileges to the Examiner / Instructor / Check Pilot concerned, and also inform the applicable Operator(s)/ATO. Where there is an immediate threat to safety, this privilege will be withdrawn immediately. DGCA may withdraw an Examiner / Instructor / Check Pilot's authority if evidence shows that he has:
    - (a) At any time, acted in a manner which is in contravention of the guidelines contained in this CAR;

- (b) Failed to follow the applicable instructions to maintain the required standards or to follow proper procedures;
  - (c) Tested alcohol positive in a pre/post flight medical check;
  - (d) Fraudulently misused his authority, or acted in any other way that would discredit the DGCA;
  - (e) Breached the DGCA Civil Aviation Rules and Regulations; or
  - (f) During the course of a Proficiency Check, Skill Test or Standardization Check failed to meet the required DGCA Standards.
- 12.3 Except where there is an immediate threat to safety, the DGCA, prior to making a final decision in the matter of withdrawal of an Instructor's authority, shall ensure the matter has been investigated thoroughly; and the Instructor and, where applicable, the concerned Operator, have been given a formal opportunity to respond to the allegations, either verbally or in writing.
13. The fee payable to DGCA shall be:
- 13.1 Fee for approval of Examiner / Instructor / Check Pilot shall be Rs Ten Thousand, and for renewal of Check Pilot / Instructor / Examiner it shall be Rs Five Thousand.
- 13.2 Whenever DGCA FOI is on board the aircraft / simulator to conduct Examiner / Instructor / Check Pilot release check / standardization check, fee shall be paid in accordance with Rule 48 (2) of the Aircraft Rules 1937.

(BS Bhullar)  
Director General of Civil Aviation

Appendix-A

**MINIMUM TRAINING REQUIREMENTS FOR EXAMINERS /  
INSTRUCTORS / CHECK-PILOTS**

**1. MINIMUM TRAINING FOR CHECK PILOTS  
(Approval sought for the first time)**

**1.1 Class Room Training**

Class room training of at least 10 hrs should be given by Examiner / Instructor. The training should cover at least the following aspects:

- (a) Operational knowledge
- (b) CRM points as Check Pilots
- (c) Do's and Don'ts for Check-Pilots
- (d) Precautions to be observed during checks
- (e) Briefing and de-briefing of pilots under check
- (f) Method of conducting line checks
- (g) Technical knowledge of equipment and helicopter systems.

**1.2 Flying Training on Type**

Adequate flying training to the satisfaction of instructor, with trainee check pilot occupying co-pilot seat, with a minimum of two training sorties of duration 45 minutes each. For multi-engine helicopters at least one landing in each sortie shall be with simulated one engine inoperative. The purpose of the training flight is to establish proficiency in handling the helicopter in normal, abnormal and emergency conditions from co -pilot seat.

**1.3 Line Training**

At least one line check flight of minimum duration of 45 min with trainee check pilot occupying co-pilot seat with Examiner / Instructor in pilot seat. For multi-engine helicopter, the flight should be IFR in case of IR rated pilot. The purpose is to introduce the trainee Check-Pilot to line check duties.

**1.4 Release Check**

- (a) Operator Release Check of minimum duration of 45 minutes by Examiner / Instructor, with the Examiner / Instructor occupying pilot seat and acting as a Pilot-under-check.



- (b) Release check of 45 min by a DGCA Flight Operations Inspector with the trainee Check Pilot occupying co-pilot seat and carrying out line check of another pilot. DGCA Flight Operations Inspector may occupy pilot seat and act as a pilot under check, if required.

2. **MINIMUM TRAINING FOR INSTRUCTORS**  
**(Approval sought for the first time)**

2.1 **Class room training**

Teaching and learning instruction (trainer's course) comprising of minimum 10 hours training to cover;

- (a) Technical knowledge of ac & equipment and helicopter systems.
- (b) Teaching technique.
- (c) Airborne instructional technique.
- (d) Student evaluation and testing.
- (e) Human performance and limitations relevant to flight instruction.
- (f) Specific hazards involved in simulating systems failures and malfunctions in the helicopter during flight.
- (g) Training administration

2.2 **Flying Training on Type**

- (a) Minimum three training sorties of 45 minutes each shall be flown for airborne instructional technique, out of which at least one landing in two sorties shall be with simulated one engine inoperative in the case of twin engine helicopters.
- (b) Out of the three training sorties, for multi-engine helicopter one flight should be IFR in case of IR rated pilot, and one sortie by night for all pilots. In these sorties, demonstration of flying exercises followed by practise and fault analysis of all manoeuvres shall be carried out, to the satisfaction of the examiner / instructor. This is to provide practice in handling the helicopter in normal, abnormal and emergency conditions from co-pilot seat and also to impart instructions and to take timely corrective actions.

*Note: Requirement of three training sorties may be reduced to two in case of pilots with previous instructional / supervisory experience from defence forces.*

### 2.3 Line Training

At least one line check flight of duration 45 minutes shall be conducted by the trainee Instructor from co-pilot seat under supervision of an Examiner / Instructor. This is to introduce the trainee Instructor to instructional duties for line flying. Examiner/Instructor may occupy pilot seat and act as a Pilot-under training also.

### 2.4 Release Check

- (a) Operator Release Check of minimum duration of 45 minutes by Examiner, with the Examiner occupying pilot seat and acting as a Pilot-under-check.
- (b) Final release check of the trainee Instructor Pilot shall be carried out by a DGCA Flight operations Inspector and the trainee Instructor imparting instructions to a pilot. DGCA Flight Inspector may occupy the pilot seat, if required.

## 3. MINIMUM TRAINING FOR EXAMINERS (Approval sought for the first time)

### 3.1 Class Room Training

Class room training of minimum 04 hours by Examiners regarding planning, preparation and procedures for conducting skill tests and initial issue of Instrument Rating on type.

### 3.2 Flying Training on Type

The trainee examiner shall conduct under supervision of an Examiner:

at least one skill test by day or night of minimum duration 45 minutes.

OR

at least one IRT of minimum duration of 01 hour.

### 3.3 Release Check

- (a) Operator Release Check of minimum duration of 45 minutes by Examiner, with the Examiner occupying pilot seat and acting as a Pilot-under-check.
- (b) Final release check of the trainee Examiner Pilot shall be carried out by a DGCA Flight operations Inspector and the trainee Examiner imparting instructions to a pilot. DGCA Flight Inspector may occupy the pilot seat, if required.

4. **TRAINING OF CHECK-PILOTS**  
**(With previous experience in the same capacity)**

These training requirements are for the pilots who have exercised the privileges in the same capacity as Check Pilot in the preceding 36 months.

4.1 **Type Flying Training**

Flying training of minimum duration of 45 minutes from the co-pilot seat with minimum of 3 take-offs and landings, out of which at least one landing shall be with simulated one engine inoperative in the case of twin engine helicopters. The purpose is to establish proficiency in handling the aircraft in normal, abnormal and emergency conditions from the co-pilot seat.

4.2 **Line Training**

At least one line check flight of minimum duration 45 minutes with trainee check pilot occupying co-pilot seat with Examiner / Instructor in pilot seat.

4.3 **Release Check**

- (a) Operator Release Check of minimum duration of 45 minutes by Examiner / Instructor, with the Examiner / Instructor occupying pilot seat and acting as a Pilot-under-check
- (b) Final release check of the trainee Check Pilot shall be carried out by a DGCA Flight operations Inspector and the trainee Check Pilot imparting instructions to a pilot. DGCA Flight Inspector may occupy the pilot seat, if required.

5. **TRAINING OF INSTRUCTOR**  
**(With previous experience in the same capacity)**

These training requirements are for the pilots who have exercised the privileges in the same capacity as in the preceding 36 months.

5.1 **Type Flying Training**

Adequate flying training to the satisfaction of the Examiner/Instructor who shall occupy the pilot seat and act as pilot under training with the trainee Instructor Pilot occupying co-pilot seat. The sortie shall be a minimum duration of 45 minutes including a minimum of three take-offs and landings, out of which at least one landing shall be with simulated one engine inoperative in the case of twin-engine helicopters.

5.2 **Line Training**

At least one line check flight of minimum duration of 45 minutes shall be conducted by the trainee instructor pilot under supervision of an Examiner/

Instructor. Examiner/ Instructor may occupy pilot seat and act as a Pilot under-training also.

### 5.3 Release Check

- (a) Operator Release check with Examiner occupying pilot seat, trainee instructor pilot occupying co-pilot seat and imparting instructions.
- (b) Final release check of the trainee Instructor Pilot shall be carried out by a DGCA Flight operations Inspector and the trainee Instructor imparting instructions to a pilot. DGCA Flight Inspector may occupy the pilot seat, if required.

## 6. TRAINING OF EXAMINER (With previous experience in the same capacity)

These training requirements are for the pilots who have exercised the privileges in the same capacity as Examiner in the preceding 36 months.

### 6.1 Flying Training on Type

The trainee examiner shall conduct under supervision of an Examiner:

at least one skill test by day or night of minimum duration 45 minutes.

OR

at least one IRT of minimum duration of 01 hour.

### 6.2 Release Check

- (a) Operator Release check with Examiner occupying pilot seat, trainee examiner pilot occupying co-pilot seat and imparting instructions.
- (b) Final release check of the trainee Examiner Pilot shall be carried out by a DGCA Flight operations Inspector and the trainee Examiner imparting instructions to a pilot. DGCA Flight Inspector may occupy the pilot seat, if required.

## 7. LANDING WITH SIMULATED ONE ENGINE INOPERATIVE

Where a simulated one engine inoperative exercise is to be conducted on helicopter, it should be carried out observing all safety precautions in accordance with the recommendations of the aircraft manufacturer and other regulatory requirements.