



GOVERNMENT OF INDIA  
**OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION**  
TECHNICAL CENTRE, OPP. SAFDARJUNG AIRPORT, NEW DELHI-110 003

**CIVIL AVIATION REQUIREMENTS**  
**SECTION 7 – FLIGHT CREW STANDARDS**  
**TRAINING AND LICENCING**  
**SERIES 'H', PART I, ISSUE II**

F. No. AV. 22024/4/2010-FSD

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EFFECTIVE: FORTHWITH

**Subject: REQUIREMENTS FOR EXERCISING THE PRIVILEGES OF AIRCRAFT RATINGS**

**1. INTRODUCTION.** This CAR lays down the requirements for exercising the privileges of aircraft ratings for all aircraft types and issues under provisions of Rule 133A of the Aircraft Rules, 1937. The validity of licenses and ratings and requirements of renewal thereof are contained in Rule 42 of the Aircraft Rules, 1937.

**2. PREREQUISITES FOR CONTNUED EXERCISE OF PRIVILIGES OF AIRCRAFT RATING:**

In order to continue exercising the privileges of an aircraft rating entered in the license, a pilot shall have recent flying experience of 03 (three) Take-offs and Landings on that aircraft or approved Level Full Flight Simulator (FFS) in the previous 90 days. Additionally, Instrument Rating if applicable shall be current on the aircraft and the pilot should have successfully completed Pilot Proficiency Checks on the aircraft type as required by AIC 14/1990.

**3. APPLICABILITY:**

This CAR shall be applicable to all pilots who need to exercise the privileges of an aircraft rating entered in their license but do not meet the prerequisites for continued exercise of privileges of aircraft rating as covered in Para 2 above. This CAR shall also be applicable to all pilots who need to exercise the privileges of an aircraft/additional aircraft rating entered in the license after commencing aircraft training/Full Flight Simulator (FFS) training on another type except in cases where pilots are authorized to fly more than one type of aircraft. This CAR shall also be applicable to pilots who exercise their privileges under Open Rating in terms of AIC 3/1985.

**4. REQUIREMENTS OF EXERCISE OF PRIVILEGES AIRCRAFT RATING FOR AIRCRAFT HAVING ALL UP WEIGHT EXCEEDING 5700 KG**

4.1 The following minimum training shall be undertaken prior to exercising privileges of the aircraft rating in case the prerequisites for continued exercise of aircraft rating (as in Para 2) are not met for periods as applicable below: -

a. More than 90 days to 6 Months

- i. Technical & Performance Refresher on Aircraft.
- ii. 01 FFS Training session  
OR  
IR/PPC (if due) on FFS or Aircraft
- iii. 02 Sectors SLF with Check Pilot / Instructor / Examiner

b. More than 06 Months to 12 Months

- i. Extended Technical & Performance Refresher on Aircraft.
- ii. 02 FFS Training sessions  
OR  
01 FFS Training session and IR/PPC (if due) on FFS or Aircraft
- iii. 02 Sectors SLF with Check Pilot / Instructor / Examiner

c. More than 12 Months to 24 Months

- i. Extended Technical & Performance Refresher on Aircraft.
- ii. 04 FFS Training sessions
- iii. IR/PPC on FFS or Aircraft
- iv. 04 Sectors SLF with Check Pilot / Instructor / Examiner
- v. Final Release Route Check by Examiner

d. More than 24 Months to 36 Months

- i. Extended Technical & Performance Refresher on Aircraft.
- ii. 06 FFS Training sessions
- iii. IR/PPC on FFS or Aircraft
- iv. 01 Initial Release Route Check by Examiner
- v. 06 Sectors SLF with Check Pilot / Instructor / Examiner
- vi. Final Release Route Check by Examiner

e. More than 36 Months

- i. Full Type Rating
- ii. 01 Initial Release Route Check by Examiner
- iii. 08 Sectors SLF with Check Pilot / Instructor / Examiner
- iv. Final Release Route Check by Examiner.

4.2 Instrument rating (as applicable) needs to be current and endorsed prior to undertaking Route Checks/SLF on aircraft.

**5. EXERCISE OF PRIVILEGES OF OPEN RATING/TYPE RATING FOR AIRCRAFT HAVING ALL UP WEIGHT NOT EXCEEDING 5700 KG**

5.1 The following minimum training shall be undertaken prior to exercising privileges of the aircraft rating in case the prerequisites for continued exercise of aircraft rating (as in Para 2) are not met for periods as applicable below: -

a. More than 90 days to 06 Months

- i. Technical & Performance Refresher on Aircraft, with Qualified AME / Examiner

on Type. Endorsement to the effect to be made in the Pilots' Logbook by AME / Examiner.

- ii. 01 Skill Test on Full Flight Simulator for the aircraft

type

OR

Familiarization Flying Training by Day or Night of duration of not less than 01:00 hours with DGCA approved Examiner on type. In case of aircraft not equipped with dual controls, the pilot shall undertake solo flying for the same duration without any passenger on board, with at least 01 takeoff and landing.

b. More than 06 Months to 12 Months

- i. Technical & Performance Refresher on Aircraft, with Qualified AME / Examiner on Type. Endorsement to the effect to be made in the Pilots' Logbook by AME / Examiner.

- ii. 01 Skill Test on Full Flight Simulator for the aircraft type

OR

Familiarization Flying Training by Day or Night of duration of not less than 01:00 hours with DGCA approved Examiner on type. In case of aircrafts not equipped with dual controls, the pilot shall undertake solo flying for the same duration without any passenger on board, with at least 02 takeoffs and landing.

c. More than 12 Months to 24 Months

- i. Technical & Performance Refresher on Aircraft, with Qualified AME / Examiner on Type. Endorsement to the effect to be made in the Pilots' Logbook by AME / Examiner.

- ii. 01 Full Flight Simulator Training Session followed by 01 Skill Test on Full Flight Simulator for the aircraft type

OR

Familiarization Flying Training by Day or Night of duration of not less than 01:00 hours with DGCA approved Examiner on type followed by Skill Test by day and by night with DGCA approved Examiner on type, with at least 03 takeoffs and landing, with at least 01 by night. In case of aircrafts not equipped with dual controls, the pilot shall undertake a minimum of two hours solo flying of which one hour shall be by night without any passenger on board. The two hours' solo flying shall include a minimum of 3 takeoffs and landing with at least 01 by night.

d. More than 24 Months to 36 Months

- i. Technical & Performance Refresher on Aircraft, with Qualified AME / Examiner on Type. Endorsement to the effect to be made in the Pilots' Logbook by AME / Examiner.

- ii. 02 Full Flight Simulator Training Session followed by 01 Skill Test on Full Flight Simulator for the aircraft type

OR

Familiarization Flying Training by Day or Night of duration of not less than 01:00 hours with DGCA approved Examiner on type followed by Skill Test by day and by night with DGCA approved Examiner on type, with at least 06 takeoffs and landing, with at least 03 by night. In case of aircrafts not equipped with dual controls, the pilot shall undertake a minimum of two hours solo flying of which one hour shall be by night without any passenger on board. The two hours solo flying shall include a minimum of 6 takeoffs and landing with at least 03 by night.

- e. More than 36 Months
  - i. Full Type Rating
  - ii. 01 Skill Test on Full Flight Simulator for the aircraft type

OR

Familiarization Flying Training by Day or Night of duration of not less than 01:00 hours with DGCA approved Examiner on type followed by Skill Test by day and by night with DGCA approved Examiner on type, with at least 06 takeoffs and landing, with at least 03 by night. In case of aircrafts not equipped with dual controls, the pilot shall undertake a minimum of two hours solo flying of which one hour shall be by night without any passenger on board. The two hours solo flying shall include a minimum of 6 takeoffs and landing with at least 03 by night.

## **7. TOPICS TO BE COVERED IN TECHNICAL AND PERFORMANCE REFRESHER:**

7.1 The following list provides broad guidelines of the topics to be covered in the technical and performance refresher, but is not limited to: -

- a. Review of Systems & Procedures specific to the aircraft type. Normal, Alternate, Abnormal & Emergency Procedures, highlighting revisions.
- b. Performance and Flight Planning
- c. Specialised Operations Training (as applicable):- TCAS, EGPWS, RVSM, RNAV/RNP, ETOPS, CAT-II/III, All Weather Operations, High Latitude Operations, MNPS, CANPA, etc.
- d. Emergency Duties Training
- e. Dangerous Goods Regulations Training once in 02 years
- f. Flight Safety & review of exceedence trends from DFDR Parameters analysis and methods to obviate such exceedences. Review of incidents, accidents occurred in previous year
- g. CRM / ALAR/ CFIT / Human Factors
- h. Aviation Security
- i. Review of DGCA Circulars, New Standing Orders, New CARs and Air Safety Circulars pertaining to Flight Operations
- j. Revisions to Operations/Training Manuals, MEL, etc

7.2. A written test shall be conducted during the course, in Technical & Performance subjects with minimum pass marks of 70% to check assimilation of the topics covered.

7.3. Records shall be maintained by the operator/s for 03 years from the date of test.

## **8. GENERAL**

8.1 This CAR supersedes CAR Section 7 Series 'H' Part I Issue I dated 09 March 2006- Procedures for Renewal of Expired Licenses and Operations Circular 2 of 2004 -

Recency Requirements for PIC and Co-Pilots operating aircraft having all up weight not exceeding 5,700 kg.

8.2 All queries / clarifications with respect to this CAR may be addressed to the DGCA (Attn. Flight Standards Directorate)

**Draft**