



GOVERNMENT OF INDIA  
**OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION**  
TECHNICAL CENTRE, OPP SAFDURJUNG AIRPORT, NEW DELHI

**CIVIL AVIATION REQUIREMENTS**  
**SECTION 1 - GENERAL**  
**SERIES 'A' PART I**  
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**EFFECTIVE: FORTHWITH**

**F.No.9/38/2009-IR**

**SUBJECT: Procedure for holding examinations, proficiency checks etc. for Defence personnel to fulfill the requirements for grant of civil licences**

**1. INTRODUCTION:**

A large number of personnel working in Indian Air Force, Indian Navy and Aviation Wing of Army have been trained as pilots, navigators, maintenance engineers/technicians, Air Traffic Controllers, etc. Such personnel have acquired expertise in the relevant fields. These personnel retire from the defence departments at a comparatively young age. However, their expertise and services cannot be gainfully used in the civil aviation sector, as they do not meet the requirements specified in the Aircraft Rules for grant of civil licences. Due to this, the expertise acquired by them goes unutilized. With the liberalization of the civil aviation sector, a number of new operators have started operations, which has created demand for experienced pilots, maintenance engineers and other categories of experienced aviation personnel.

This CAR lays down the procedure for training, examination and grant of licences to the Defence personnel so that large number of serving Defence personnel can acquire civil licences issued by DGCA while in service.

**2. GRANT OF AIRCRAFT MAINTENANCE ENGINEERS (AME) LICENCE:**

**2.1 Approval of Training Schools**

Indian Air Force, Indian Navy and Aviation Wing of Army may identify training schools where training will be imparted to Defence personnel to acquire the AME licences in different categories. These training schools should have necessary

infrastructure, qualified instructors and literature meeting the requirements specified in Civil Aviation Requirements Section 2, Series 'E' Part VIII. These training schools shall apply to DGCA as stipulated in the said CAR along with necessary information including the Training Manual for grant of DGCA approval. The contents of the Training Manual giving the syllabi, details of classroom training, practical training and also the experience requirements for appearing in Paper I (Aircraft Rules and Regulations), Paper II (General Engineering) and Paper III (Theory of Flight/Jet engines/Electrical System/Instrument System/Radio System/ Helicopter – as applicable) shall be in accordance with the above mentioned CAR. DGCA, on being satisfied that these schools meet the requirements, will grant approval to the training school for imparting training.

## **2.2 Eligibility**

The personnel nominated to undergo the training course should meet the following criteria:

- i) As laid down in the Aircraft Rules, 1937 and Civil Aviation Requirements, the candidate should have completed 10 plus 2 standard examination with physics, chemistry and mathematics and should have scored at least 50% marks in aggregate in the above subjects or should have passed Diploma in Engineering allied to aircraft maintenance or any other qualification acceptable to DGCA.
- ii) Should be working in the Aeronautical Engineering branch of Indian Air Force/Indian Navy/Aviation Wing of Army.

## **2.3 Written Examination**

- i) On successful completion of the training course, DGCA shall conduct written examination for Paper I, Paper II and Paper III as specified in the applicable CAR, at the Defence training schools as convenient to the school authorities;
- ii) Invigilation of the written examination shall be carried out by the DGCA and the Defence authorities jointly.
- iii) The subjects, duration and the pass marks for the examination papers would be in accordance with CAR Section 2, Series 'L' Part II, as amended from time to time or any other CAR on the subject.
- iv) The evaluation of the papers shall be carried out by DGCA and the result declared within seven days of conducting the examination.

- V) Personnel who fail in the examination can appear in the regular examination conducted by DGCA at various DGCA centers in accordance with the procedure applicable to civil candidates.

#### **2.4 Grant of Basic Licence**

Basic licence shall be granted in the relevant category to such of those personnel, who have successfully passed Paper I, Paper II and Paper III. The procedure for issue of licence such as submission of application, medical certificate and other documents to be submitted along with the application is detailed in CAR Section 2, Series 'L' Part VIII.

#### **2.5 Grant of Type Rated Licence**

- i) Defence personnel who have obtained Basic Licences may undergo a type-training course on any type of civil aircraft registered in India.
- ii) Defence personnel may undergo type training course at any of the DGCA approved Defence School or DGCA approved course and appear in the written examination conducted by DGCA immediately after completion of the course. They may also appear in the regular Paper IV (specific Paper) examination conducted by DGCA at scheduled sessions.
- iii) After successful completion of the above training, candidates meeting the experience requirement as specified in the Aircraft Rules, 1937 and the relevant CARs may appear in oral-cum-practical examination on Aircraft/Engine/Systems related to the training. The examination shall be conducted by a DGCA Board, which may include a senior officer from the concerned engineering wing of Defence services.
- iv) Candidates meeting all the requirements including medical standards will be issued with type rated licence. Details regarding issuance of licence, such as application, medical certificate, fees etc. are given in CAR Section 2, Series 'L' Part I.

#### **3. Grant of Pilot Licence:**

- i) Applicants shall meet the requirements laid down in Schedule II to the Aircraft Rules, 1937, with regard to age, educational qualifications, skill, knowledge and medical standards.
- ii) The procedure outlined with regard to training and written examinations for AMEs can be followed in respect of pilots also. As a result, the Defence personnel having undergone the requisite training from the DGCA approved Defence institutes can appear in the written

examinations conducted by DGCA at these institutes on completion of their training courses.

- iii) With regard to issuance of pilot's licence, the flying experience acquired in the Defence Services shall be counted towards the minimum qualifying experience required for grant of civil licences.
- iv) The Defence personnel can undergo the skill test with the DGCA approved examiners from defence services on the aircraft type registered in India and having a valid Certificate of Airworthiness from DGCA, India.
- v) The Defence personnel shall undergo Medical Examination at the DGCA approved Air Force Medical Centres as is done for civil candidates in accordance with CAR Section 7 Flight Crew Standards Series 'C' Part I. This shall be done in coordination with the Directorate of Training & Licensing of DGCA.
- vi) With respect to the aircraft type endorsement, the syllabi for ground training, simulator training and flying training shall be approved by the Chief Flight Operations Inspector of DGCA. The written examination for type training shall be on the lines of the written examinations conducted in case of Aircraft Maintenance Engineers. The simulator training, flying training and checks may be conducted by DGCA approved instructor/examiner pilots of Defence Services.
- vii) The Defence personnel shall acquire FRTTO from the Wireless Advisor, Ministry of Communications, in accordance with requirements stipulated in the Aircraft Rules, 1937.
- viii) Candidates meeting the requirements of the Aircraft Rules, 1937, including medical standards, shall be issued with civil licences by DGCA on receipt of application in the prescribed proforma along with the documents relating to skill test, medical fitness, fees, etc.
- ix) The approval of Examiners/ Instructors/ Check Pilots of the defence Pilots shall be granted by DGCA in accordance with the criteria laid down in the CARs of Section 7, Series I as is done for civil pilots.

**4. GENERAL :**

- i) The validity of the written examinations and flying tests shall be in accordance with the provisions of the Aircraft Rules, 1937.
- ii) The Defence Institutes shall render all assistance and make arrangements for access of DGCA officers to carry out required inspection of the training

institutes and to conduct examination and will facilitate DGCA officers in all respects.

- iii) Any future amendments to the applicable provisions of Aircraft Rules, 1937, Civil Aviation Requirements or other regulatory documents shall also be applicable to the aforesaid procedures.

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