



GOVERNMENT OF INDIA  
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION  
TECHNICAL CENTRE, OPPOSITE SAFDARJUNG AIRPORT, NEW DELHI – 11 0 003

## **CIVIL AVIATION REQUIREMENTS**

### **SECTION 1 – GENERAL**

#### **SERIES 'A' PART I**

**ISSUE 2, 8<sup>th</sup> January 2010**

**EFFECTIVE: FORTHWITH**

F.No.9/38/2009-IR

**Subject: Issuance of the Civil Aviation Requirements and revisions thereof etc. – Requirements to be complied with.**

#### **1. INTRODUCTION**

1.1 Section 4 of the Aircraft Act, 1934 enables the Central Government to make rules to implement the Convention relating to International Civil Aviation signed at Chicago on the 7<sup>th</sup> day of December, 1944 including any Annex thereto relating to International standards and recommended practices as amended from time to time. Section 5A of the said Act empowers the Director General to issue directions for securing the safety of aircraft operations. Rule 29C of the Aircraft Rules 1937 enables DGCA to lay down standards and procedures not inconsistent with the Aircraft Act, 1934 and the rules made thereunder to carry out the Convention and any Annex thereto referred to above. Finally in accordance with rule 133A of the Aircraft Rules, 1937, the Director General may issue, inter alia, Civil Aviation Requirements not inconsistent with the Aircraft Act, 1934 and the rules made thereunder.

1.2 While the broad principles of law are contained in the Aircraft Rules, 1937, Civil Aviation Requirements are issued to specify the detailed requirements and compliance procedures so as to –

- a) fulfil the duties and obligations of India as a Contracting State under the convention relating to International Civil Aviation signed at Chicago on the 7<sup>th</sup> day of December, 1944.
- b) standardize and harmonize the requirements taking into account the rules and regulations of other regulatory authorities.
- c) implement the recommendations of the Courts of Inquiry or any other committee constituted by the Central Government/ Director General.

d) To address any other issues related to safety of aircraft operations as may be considered necessary by the Director General.

1.3 This CAR describes the procedure for issue and revision of Civil Aviation Requirements and their dissemination to various organizations and is issued under rule 133A.

1.4 This CAR cancels AIC 4 of 2001.

## **2. PROMULGATION OF CIVIL AVIATION REQUIREMENTS**

2.1 The Civil Aviation Requirements (CARs) are promulgated under the following sections:-

Section 1 – General

Section 2 – Airworthiness

Section 3 – Air Transport

Section 4 – Aerodrome Standards and Licensing

Section 5 – Air Safety

Section 6 – Design standards and Type Certification

Section 7 – Flight Crew Standards, Training and Licensing

Section 8 – Aircraft Operations

Section 9 – Air Space and Air Traffic Management

Section 10 – Aviation Environment Protection

Section 11 – Safe Transport of Dangerous Goods by Air

## **3. PROCEDURE FOR PROMULGATION OF CAR**

3.1 Civil Aviation Requirements under various sections are issued bearing different “series” identified by alphabetical letters, namely Series A, B, C etc. and under the same Series, various “Parts” are issued, such as Part I, II, III, etc. Details of the “Series” are given in the Annexure.

3.2 Every existing and new CAR shall have an office file maintained by the concerned directorate and the file number shall be indicated at the top right hand corner of the CAR. Any amendment in future shall be processed on the same file.

3.3 The first page of the CAR shall indicate the Section, Series, Part and date of issue along with the date of applicability. Subsequent pages shall indicate the date of issue only.

3.4 Whenever a change/revision is affected to a CAR, it shall be termed as revision and the revision number along with date of revision and effective date of revised CAR shall be indicated on the first page of the CAR and also on the concerned pages. Consequently, the revision number and date of revision shall be reflected only on such pages, which are affected by the revision. Pages, which have not been affected by any revision, shall contain initial date of issue/revision only.

- 3.5 Every revision shall be accompanied by a “Revision Notice”, which shall indicate the pages affected and the justification for the revision. The Revision Notice shall be filed along with the revision CAR in the folder.
- 3.6 Whenever there is a major change/ revision, the Revision Notice shall indicate that the CAR has undergone a major revision and is issued in the form of new edition. All revisions to the CAR shall be indicated by a sideline on the left side of the affected pages indicating the change/ revision to the CAR.
4. Whenever a new CAR or revision to the existing CAR is proposed to be issued, the draft of the proposed CAR/revision shall be posted on DGCA website or circulated to all the persons likely to be affected thereby for their objections/ suggestions. The objections/ suggestions received within the stipulated period of 30 days or less as may be determined by Director General shall be analysed and if found acceptable shall be incorporated in the proposed CAR before promulgation. DGCA may also arrange meetings with the Civil Aviation industry for discussions on the draft CAR before finalisation/promulgation.
- 5 Every direction issued by DGCA in the form of CARs shall be complied with by the person or organization to whom such direction is issued. Non- compliance with the provisions of the CAR shall attract penalty as provided in Schedule VI of the Aircraft Rules, 1937.
- 6 It shall be the responsibility of each operator, owner, organization and service provider to ensure wide publicity of the CARs amongst its personnel and also ensure that the implementation procedures for the requirements are duly reflected in the related Manuals required as per the applicable Rules and Civil Aviation Requirements. The regional offices of DGCA shall monitor the compliance by all affected organisations and submit a report to the Headquarters within three months of the date of applicability.
- 7 For the convenience of the users, all the CARs including their revisions are available on the DGCA website (<http://dgca.gov.in/>).

*Nasim Zaidi*

**( Dr. Nasim Zaidi )  
Director General of Civil Aviation**

## ANNEXURE

### Details of Series in a CAR

The various sections of a CAR may consist of subsections (Series) covering the subjects as mentioned hereunder:

#### Section 1: General

Series A – Scope and Extent

#### Section 2: Airworthiness

Series A – Scope and Extent  
Series B – Approval of Cockpit Check list, MEL, CDL  
Series C – Defect Recording, monitoring, Investigation and Reporting  
Series D – Aircraft Maintenance Programme  
Series E – Approval Organizations  
Series F – Airworthiness and Continued Airworthiness  
Series H – Requirements of Aircraft Fuel, Refueling of Aircraft and Calibration of Aircraft Fuels  
Series I – Aircraft Instrument, Equipment and Accessories  
Series L – Aircraft Maintenance Engineer – Licensing  
Series M – Mandatory Modification and Inspections  
Series O – Operational Requirement for Aircraft  
Series R – Airborne Communication, Navigation and Radar  
Series S – Storage of Aircraft Parts  
Series T – Flight Testing of Aircraft  
Series X – Miscellaneous Requirements

#### Section 3: Air Transport

Series A – Scope and Extent  
Series B – Operations Manual – Requirements and Approval  
Series C – Air Operators Certification – Procedure and Requirements  
Series D – Operations to Defence Airfields  
Series E – Operations to Aerodromes which are not in regular use  
Series F – Clearance of Aircraft Transiting through Indian Air Space  
Series G – VVIP/VIP Flights  
Series H – Export Cargo Flights  
Series I – Operation of Tourist Charter Flights  
Series J – Air Transport Statistics  
Series K – Tariff Regulations  
Series L – Carriage of Dangerous Goods

Series M – Passenger Facilitation  
Series X – Miscellaneous

**Section 4: Aerodrome Standards and Licensing**

Series A – Scope and Extent  
Series B – Aerodrome Facilities  
Series F – Aerodrome Licensing  
Series X – Miscellaneous

**Section 5: Air Safety**

Series A – Scope and Extent  
Series B – Procedure of Reporting Accident/Incident  
Series C – Procedure for Accident/Incident Investigation  
Series D – Bird Strike incidents  
Series E – Airmiss & ATC incidents  
Series F – Prevention of Accidents/incidents  
Series G – Safety Audit and inspection  
Series X – Miscellaneous

**Section 6: Design Standards and Type Certification**

Series A – Scope and Extent  
Series B – Airworthiness Standards – Design  
Series C – Airworthiness Standards – Transport Category Aircraft  
Series D – Airworthiness Standards – Normal, Utility and Aerobatic  
Category Aircraft  
Series E – Airworthiness Standards – Rotorcraft  
Series F – Procedure for Type Approval of Products Parts and  
Materials  
Series G – Test Procedure  
Series X – Miscellaneous

**Section 7: Flight Crew Standards, Training and Licensing**

Series A – Scope and Extent  
Series B – Syllabus and Schedule for Examination of Subjects for  
issue of Licences and Ratings  
Series C – Medical Standards and Examination  
Series D – Training Organizations  
Series E – Flying Training  
Series F – Skill/Proficiency Checks  
Series G – Issue of Licence and Rating  
Series H – Renewal of Licence and Rating  
Series I – Appointment/Approval of Assistant Flight instructor,  
Flight Instructor, Flight Instructor Incharge, Chief Flight  
Instructor, Check Pilot, Instructor, Examiner, Flight Inspector  
And Chief Flight Inspector

Series J – Flight and Duty Time Limitations  
Series K – Flight Inspection  
Series X – Miscellaneous

**Section 8: Aircraft Operations**

Series A – Scope and Extent  
Series B – IAL Procedures and Approval  
Series C – Aerodrome Operating Minima  
Series X – Miscellaneous

**Section 9: Air Space and Air Traffic Management (ATM)**

Series A – Scope and Extent  
Series B – Approval of Facilities and Services  
Series C – Rules of the Air  
Series D – Navigation, Landing and Communication Aids  
Series E – Air Traffic Services  
Series G – Aeronautical Charts  
Series I – Aeronautical Information Services  
Series L – ATCO Licensing  
Series M – Meteorology  
Series R – Air Routes  
Series S – Search and Rescue  
Series X – Miscellaneous

**Section 10: Aviation Environment Protection**

Series A – Scope and Extent  
Series B – Emissions  
Series C – Noise  
Series X – Miscellaneous

**Section 11: Safe Transport of Dangerous Goods(DG) by Air**

Series A – Scope and Extent  
Series B – Carriage of Dangerous Goods  
Series C – Approval of Dangerous Goods Training Programme  
Series D – Surveillance of Dangerous Goods Programme  
Series X – Miscellaneous

\* \* \*