



GOVERNMENT OF INDIA
CIVIL AVIATION DEPARTMENT
DIRECTOR GENERAL OF CIVIL AVIATION

AAC NO. 1 of 2006
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AIRWORTHINESS ADVISORY CIRCULAR

**SUBJECT: CHECK LIST FOR CIVIL AVIATION REQUIREMENTS
(SECTION 2- AIRWORTHINESS)**

Section 2 - Airworthiness

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Series A	PROCEDURE FOR ISSUE OF CIVIL AIRWORTHINESS REQUIREMENTS AND RESPONSIBILITY OF OPERATOR VIS-A-VIS AIRWORTHINESS DIRECTORATE			
Part I	Issue II 01.07.1977	Responsibilities of Operators/ Owners	No Amdts	
Part II	Issue III 18.03.1993	Procedure for CAR issue, amendments etc.	Rev 1 to Pg 1 and 2	22.09.1999
			Rev 2 to Pg 1	18.10.2000
			Rev 3 to Pg 1 and 2	05.07.2001
Part III	Issue I 12.03.1980	Objectives and Targets of Airworthiness Dte.	No Amdts	
Part IV	Issue I 28.08.1996	Airworthiness Regulation and Safety Oversight of Engineering Activities of Operators	No Amdts	

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Series B	APPROVAL OF COCKPIT CHECK LIST, MEL, CDL			
Part I	Issue IV 21.08.1990	Deficiency List (Minimum equipment list - M E L)	Rev 1 to Pg 1 to 4	25.10.1999
			Rev 2 to Pg 1 and 3	31.07.2000
Part II	Issue II 23.05.1978	Preparation and use of Cockpit and emergency check list	Rev 1 to Pg 1 and 2	03.06.2005
Series C	DEFECT RECORDING, MONITORING, INVESTIGATION AND REPORTING			
Part I	Issue II 12.03.1980	Defect recording, reporting, investigation, rectification and analysis	Amdt 1 to Pg. 6, 7 & 9	16.02.1996
			Amdt 2 to Pg. 2 & 5	01.08.1997
			Rev 3 to Pg. 1, 6, 8 & 9	14.10.1999
			Rev 4 to Pg. 1 & 8	25.05.2001
			Rev 5 to Pg. 1 & 6	24.01.2002
			Rev 6 to all pages	07.01.2003
Part II	Issue I 27.11.1973	Flight Report - Recording of IN-FLIGHT instrument reading and reporting of flight defect	No Amdts	
Part III	Issue II 15.01.1975	Reporting and rectification of defects observed on all aircraft except...	No Amdts	
Part IV	Issue II 15.05.1978	Analytical study of in-flight readings & recordings	No Amdts	
Part V	Issue I 06.09.1976	Maintenance Control by Reliability Method	No Amdts	
Series D	AIRCRAFT MAINTENANCE PROGRAMMES			
Part I	Issue I 26.09.1966	Reliability Programme (Engines)	No Amdts	
Part II	Issue IV 01.01.1985	Aircraft maintenance programme and their approval	Rev. 1 to Pg 1 and 7	15.10.2001
			Rev. 2 to Pg 1 and 2	18.08.2005

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part III	Issue II, 28.02.1978	On-condition maintenance of reciprocating engines (Piston engines)	No Amdts	
Part IV	Issue I 01.02.1968	Time between overhaul - Revision programme	Rev. 1 to Pg 1	15.10.2001
Part V	Issue I 27.01.1970	Maintenance of fuel and oil uplift and consumption records - Light aircraft engines	No Amdts	
Part VI	Issue I 27.04.1992	Fixing routine maintenance periods and component TBOs-Initials and Revisions	Rev. 1 to Pg 1 and 2	15.10.2001
Part VII		CANCELLED		
CAR 145	Revision 0, 26.01.2005	Approved Maintenance Organisations		
Series E	APPROVAL OF ORGANISATIONS			
Part I	Issue III 24.04.1992	Approval of organisation/ operators	Amdt 1 to Pg 4 to 10A	10.09.1998
			Amdt 2 to Pg 13 to 17	26.04.1999
			Rev 3 to Pg 1, 4 & 10A	13.10.1999
			Rev 4 to Pg 1, 3, 4, 4A, 7, 8, 18-29	28.11.2000
			Rev 5 to Pg 1 and 4A	26.04.2002
			Rev 6 to all pages	29.08.2002
Part II	Issue II 01.08.1975	Approval of organisation - Cat. A - Manufacturers	Amdt 1 to Pg 4 & 5	21.04.1999
Part III	Issue II 01.08.1975	Approval of organisation - Cat. B - Process Organisation	No Amdts	
Part IV	Issue II 01.08.1975	Approval of organisation - Cat. C - Maintenance	Rev. 1 to Pg 1	24.01.2002
Part V	Issue II 01.08.1975	Approval of organisation - Cat. D - Testing Laboratory	No Amdts	

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part VI	Issue II 01.08.1975	Approval of organisation - Cat. E - Fuel,Lubricant and spl. petroleum product	No Amdts	
Part VII	Issue II 01.08.1975	Approval of firms - Cat. F - Stores and Distribution	No Amdts	
Part VIII	Issue III 07.11.1997	Approval of organisation - Cat. G - Training schools/Establishments	Amdt 1 to Pg 7	03.02.1999
			Rev. 2 to Pg 1 and 7	02.05.2002
Part IX	Issue I 14.07.1995	Requirements for infrastructure at stations other than parent base	No Amdts	
Series F	AIRWORTHINESS AND CONTINUED AIRWORTHINESS			
Part I	Issue II 10.09.1998	Procedure relating to registration of aircraft	Amdt 1 to Pg 3	16.08.1999
			Rev 2 to Pg 1 and 5	20.06.2001
			Rev 3 to all pages	26.05.2006
Part II	Issue I 24.04.1992	Procedure for issue/revalidation of Type Certificate of aircraft and its engines/propeller	Rev 1 to Pg 1 and 8	24.01.2002
Part III	Issue I 20.03.1992	Issue/revalidation of Certificate of Airworthiness	Amdt 1 to Pg 4	24.03.1993
			Amdt 2 to Pg 4	16.02.1996
			Amdt 3 to Pg 4	26.05.1999
			Amdt 4 to Pg 2 and Pg 5 to Pg 12	16.08.1999
			Rev 5 to all Pages	14.10.1999
			Rev 6 to Pg 1 and 4	18.10.2000
			Rev 7 to Pg 1, 5, 6 and 7	14.02.2001
			Rev 8 to all pages	28.08.2001
			Rev 9 to Pg 1, 2, 3, 12, 13 and 17	24.01.2002

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part IV	Issue I 20.03.1992	Requirements for Renewal of Certificate of Airworthiness	Amdt 1 to Pg 1 & 6	26.05.1999
			Rev 2 to Pg 1	18.10.2000
Part V	Issue I 20.03.1992	Suspension of Certificate of Airworthiness and its subsequent revalidation	Amdt 1 to Pg 1	16.08.1999
Part VI	Issue I 20.03.1992	Rebuilding of aircraft	No Amdts	
Part VII	Issue II 10.08.1999	Special Flight permits	Rev 1 to Pg 1, 3 & 4	24.01.2002
Part VIII	Issue III 05.03.1998	General Requirements regarding maintenance and certification of aircraft	Rev. 1 to Pg 1 and 10	27.09.1999
			Rev. 2 to Pg 1 and 4	25.05.2001
			Rev. 3 to Pg 1	15.10.2001
			Rev. 4 to Pg 1 and 8	24.04.2002
			Rev. 5 to Pg 1 and 2	20.08.2002
Part IX	Issue I 20.03.1992	Continuous Airworthiness maintenance program	Amdt 1 to Pg 4	26.03.1993
			Rev 2 to Pg 1 and 4	27.09.1999
Part X	Issue I 20.03.1992	Airworthiness of ageing aircraft	Rev. 1 to all pages	04.03.2002
Part XI	Issue I 20.03.1992	Control system - duplicate inspection of	Rev. 1 to Pg 1 and 3	15.10.2001
Part XII	Issue I 20.03.1992	Inspection of wooden aircraft	No Amdts	
Part XIII	Issue I 20.03.1992	Airworthiness requirements for Gliders	Amdt 1 to Pg 2	13.07.1999
			Rev 2 to Pg 1 and 4	15.10.2001
Part XIV	Issue II 20.05.1993	Registration and airworthiness of microlight aircraft	Amdt 1 to Pg 5 & 15	18.08.1993
			Rev 2 to Pg 1 and 4	21.06.2000

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part XV	Issue II 01.09.1993	Requirements for manufacture, registration and airworthiness control of hotair balloons	No Amdts	
Part XVI	Issue I 20.03.1992	Approval of flight manuals and their amendments	Rev 1 to Pg 1 and 3	15.10.2001
Part XVII	Issue I 20.03.1992	Pooling of aircraft parts by National Airlines of India with Foreign airlines	Rev 1 to Pg 1 and 2	01.11.1999
Part XVIII	Issue I 23.10.1992	Construction, Certification and operation of experimental/amateur built aircraft	No Amdts	
Part XIX	Issue I 02.11.1992	Manufacture of aircraft and accessories and airworthiness certification thereof	Amdt 1 to Pg 6 & 6A	16.02.1996
			Amdt 2 to Pg 6A	16.08.1999
			Rev 3 to Pg 1 and 10	24.01.2002
Part XX	Issue II 29.07.1993	Age of aircraft to be imported for charter hire/air taxi and other operations	Rev 1 to all pages	10.08.2001
			Rev 2 to Pg 1 and 3	15.10.2001
Part XXI	Issue II 07.11.1997	Import/Export of aircraft, spares, item of equipment etc. for use on aircraft	No Amdts	
Part XXII	Issue I 06.08.1993	Load and trim sheet - requirements thereof	Amdt 1 to Pg 6 & 7	21.10.1994
Series H	REQUIREMENTS OF AIRCRAFT FUEL, REFUELLING OF AIRCRAFT AND CALIBRATION OF AIRCRAFT FUELS			
Part I	Issue I 04.12.1969	Unusable fuel supply-calibration of fuel quantity gauge of aircraft	Rev 1 to Pg 1 and 2	15.10.2001
Part II	Issue I 28.04.1992	Aircraft fuelling procedures	Rev 1 to Pg 1 and 6	15.10.2001
Part III	Issue I 27.08.1992	Aviation fuel at airport - Storage, handling and quality control	No Amdts	
Series I	AIRCRAFT INSTRUMENT, EQUIPMENT AND ACCESSORIES			
Part I	Issue II 15.03.1976	Aircrafts instruments overhaul and periodical inspections	Amdt 1 to Pg 2 & Pg 3	14.09.1995
Part II	24.04.1992	Aircraft equipment and instruments	Rev 1 to all Pages	17.09.1999

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
			Rev 2 to Pg 1, 3, 4 and 39	03.03.2000
			Rev 3 to Pg 1 and 33	03.10.2000
			Rev 4 to Pg 1, 8 and 17	30.10.2002
			Rev 5 to all pages	05.07.2006
Part III	Issue I 24.04.1992	Maintenance of test equipment	No Amdts	
Part IV	Issue I 27.08.1992	Airworthiness Procedures for clean rooms and environments for aircraft systems/accessories shop	No Amdts	
Part V	Issue I 12.12.1996	Flight data recorders	Rev 1 to Pg 1 to 5	31.08.1999
			Rev 2 to all pages	04.04.2006
Part VI	Issue I 12.12.1996	Cockpit voice recorders	Rev 1 to Pg 1 to 4	31.08.1999
			Rev 2 to all pages	04.04.2006
Part VII	Issue II 28.05.1999	Ground Proximity Warning Systems (GPWS)	Rev 1 to Pg 1 to 3	31.08.1999
			Rev 2 to Pg 1 to 3	31.12.2002
Part VIII	Issue I 24.04.1997	Installation of Airborne Collision Avoidance System	Rev 1 to Pg 1 to 8	07.09.1999
			Rev 2 to all pages	04.12.2000
			Rev 3 to all pages	27.04.2006
Series L	AIRCRAFT MAINTENANCE ENGINEER - LICENSING			
Part I	Issue I 20.01.1992	Issue of AME licences, its classification and experience requirements	Amdt 1 to Pg 2	11.08.1997
Part II	Issue I 20.01.1992	Examination for issue/extension of AME's licence and Basic AME's certificate - Procedure thereof	Rev 1 to Page 1 and 3	12.09.2005

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part III	Issue I 20.01.1992	Classification and certification responsibilities of AME's Licence for Helicopters	No Amdts	
Part IV	Issue II 20.07.1999	Endorsement of AME Licences	No Amdts	
Part V	Issue I 20.01.1992	Certification privileges of AMEs	Rev 1 to Pg 1 and 6	28.11.2000
			Rev 2 to Pg 1 and 2	07.02.2002
Part VI	Issue II 28.01.1994	Grant of open AME Licences	No Amdts	
Part VII	Issue I 20.01.1992	Procedure for renewal of AME's Licence	Amdt 1 to Pg 1	24.08.1992
			Rev 2 to all pages	27.12.2000
			Rev 3 to Pg 1 and 3	26.10.2005
Part VIII	Issue I 20.01.1992	Issue of Aircraft Maintenance Engineer's Basic Licence	Rev 1 to all pages	23.05.2002
Part IX	Issue I 20.01.1992	Issue of authorisation to Aircraft Maintenance Engineer's/Approved personnel	No Amdts	
Part X	Issue I 20.01.1992	Grant of approval to persons engaged in overhaul, major repairs components and accessories of aircraft engines and their systems	Amdt 1 to Pg 2	27.01.1994
			Rev. 2 to Pg 1 and 4	28.11.2000
			Rev. 3 to Pg 1, 2 and 3	28.12.2000
Part XI	Issue III 24.02.1995	Approval of Flight Engineer Examiners and Check Flight Engineers	Amdt 1 to Pg 3	29.08.1995
Part XII	Issue I 20.01.1992	Approval of Graduate Engineers' Training Scheme	No Amdts	
Part XIII	Issue I 20.01.1992	Payment/Non-payment of fees for issue of duplicate AME/FE/SFE Licences	No Amdts	
Part XIV	Issue I 20.1.1992	Issue of Certificate of Competency	Rev. 1 to all pages	29.12.2000

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
			Rev. 2 to all pages	23.05.2006
Part XV	Issue I 10.8.1999	Procedure for issue/renewal/extension of Student Flight Engineer/Flight Engineer's licence	Rev. 1 to all pages	31.07.2000
Series M	MANDATORY MODIFICATIONS AND INSPECTIONS			
Part I	Issue III 23.07.1999	Mandatory Modifications/ Inspections	Rev. 1 to Pg 1 and 2	26.10.1999
Series O	OPERATIONAL REQUIREMENT FOR AIRCRAFT			
Part I	Issue IV 24.04.1992	Minimum requirements to be complied with by operators	No Amdts	
Part II	Issue IV 15.07.1999	Operation of Commercial Air Transport - Aeroplanes	Rev. 1 to Pg 1, 18,18a and 19	15.09.1999
			Rev. 2 to Pg 1 and 40	21.10.1999
			Rev. 3 to Pg 1 and 19	03.01.2000
			Rev. 4 to Pg 1, 19 and 32	03.03.2000
			Rev. 5 to Pg 1 and 18	22.06.2001
			Rev. 6 to all pages	19.09.2005
			Rev. 7 to Pg 1, 12, 14, 27, 27A, 28, 39, 39A, 39B, 40, 46, 51, 53, 54 and 58	05.07.2006
Part III	Issue II 15.07.1999	Operation of General Aviation - Aeroplanes	Rev. 1 to all pages	21.09.2005
			Rev. 2 to Pg 1, 8, 9 and 20	26.12.2005
			Rev. 3 to Pg 1, 21, 21A and 21B	01.05.2006

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part IV	Issue III 26.07.1999	Operation of Commercial Air Transport - Helicopters	Rev. 1 to Pg 1, 19, 19A, 19B and 19C	20.09.1999
			Rev. 2 to all pages	19.09.2005
			Rev. 3 to Pg 1, 7, 12, 23, 24, 24A, 41, 43, 44 and 44A	18.01.2006
			Rev. 4 to Pg 1, 4, 5, 5A, 6, 29, 31, 32 and 32A	02.05.2006
Part V	Issue II 27.07.1999	Operation of General Aviation Helicopters	Rev. 1 to all pages	19.09.2005
			Rev. 2 to Pg 1, 7, 20, 21 and 27	18.01.2006
			Rev. 3 to Pg 1, 4, 23, 24 and 24A	02.05.2006
Part VI	Issue II 14.07.1993	Registration, airworthiness and operation of hang gliders and powered hang gliders	Rev. 1 to Pg 1 and 5	21.06.2000
Part VII	Issue I 22.11.1993	Exit row seating	No Amdts	
Part VIII	Issue I 11.08.1999	Airworthiness, Maintenance and Operational requirements for Extended Range Operations with Twin Engine Aeroplanes for Commercial Air Transport Operations.	Rev. 1 to Pg 1	06.09.2004
Part IX	29.10.1999	Requirements for operation of aircraft in MNPS airspace	No Amdts	
Part X	Issue II 18.08.1999	Requirements for preparation of operations manual.	Rev. 2 to all pages	17.03.2004
Part XI	29.10.1999	Requirements for implementation of Reduced Vertical Separation Minimum (RVSM)	Rev. 1 to all pages	24.11.2003

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part XII	28.10.1999	Aircraft Requirements for Required Navigation Performance (RNP)/ Area Navigation (RNAV)	No Amdts	
Part XIII	18.01.2001	Requirements for Evaluation, Certification and Maintenance of Aeroplane Flight Simulators.	No Amdts	
Part XIV	19.03.2001	Airworthiness and Maintenance Requirements for Cat II and Cat IIIA operations.	No Amdts	
Series R	AIRBORNE COMMUNICATION, NAVIGATION AND RADAR			
Part I	Issue I 18.05.1983	Aircraft radio equipment	Rev 1 to Pg 1	28.04.2000
Part II	Issue II 27.04.1992	Installation of Communication, Navigation and Radar equipment	No Amdts	
Part III	Issue I 22.04.1991	Maintenance of airborne communication, navigation and radar equipment	Amdt 1 to Pg 4	21.10.1994
			Rev 2 to Pg 1 and 2	15.10.2001
Part IV	Issue II 08.02.1994	Installation of Mode 'A'/'C' and Mode 'S' Transponders	Rev 1 to Pg 1 to 6	07.09.1999
Part V	Issue I, 26.08.1992	Control of electromagnetic interference in modern aircraft	No Amdts	
Part VI	Issue I, 26.08.1992	Approval of airborne GPS in aircraft	No Amdts	
Series S	STORAGE OF AIRCRAFT PARTS			
Part I	Issue III 16.10.1982	Storage conditions and storage/service life of rubber parts and aircraft components containing rubber parts	No Amdts	
Part II	Issue I 02.05.1974	Fixation of Calendar period for determining overhaul life of reciprocating engines	Rev 1 to Page 1 & 2	10.04.2001
Series T	FLIGHT TESTING OF AIRCRAFT			

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part I	Issue I 10.05.1967	Flight testing of (Series) aircraft for the issue of C of A		
Part II	Issue III 01.04.1976	Flight testing of aircraft for which a C of A had been previously issued	Amdt 1 to Pg 6 to 9	19.02.1997
			Rev 2 to Page 1 & 2	17.01.2001
			Rev 3 to Page 1 & 2	04.03.2002
Series X	MISCELLANEOUS REQUIREMENTS			
Part I Cancelled	Issue I 18.02.1976	Registration markings of aircraft	No Amdts	
Part II	14.05.1993	Weight and balance control of an aircraft	Rev 3 to Page 1, 4 & 5	30.09.1999
			Rev 4 to Page 1 & 4	04.03.2002
Part III	Issue III 12.06.1997	Provision of first aid kits and Physician's kit in aircraft	Rev. 1 to all pages	19.1.2001
			Rev. 2 to Pg 1 & 4	21.2.2002
Part IV	Issue III 25.2.1986	Use of furnishing materials in aircraft	Amdt 1 to Pg 2	24.12.1993
			Amdt 2 to Pg 3 & 3A	26.07.1996
Part V	Issue II 15.04.1977	Concessions	No Amdts	
Part VI	Issue I 20.08.1977	Aircraft Log Books	Rev. 1 to all pages	03.01.2000
			Rev. 2 to Pg 1	22.06.2001
			Rev 3 to Pages 1 to 12	16.10.2002
Part VII	Issue II 22.08.1984	Document to be carried on board by Indian registered aircraft	Amdt 1 to Pg 2 & 3	01.08.1997
			Rev. 1 to Pg 1, 2 & 3	22.09.1999
			Rev. 2 to Pg 1 & 2	21.10.1999
			Rev. 3 to all pages	24.01.2006

CAR Series Part	Issue No. and Date	Subject	Most Recent Amendment No.	Date of Amendment
Part VIII	Issue I 05.02.1980	Procedure for issue of taxi permit	Rev. 1 to Pg 1 & 2	15.10.1999
Part IX	Issue I 23.01.1985	Procedure for issue of type approval of aircraft components and equipment including instruments	No Amdts	

Sd/-
(Charan Dass)
Director of Airworthiness
For Director General of Civil Aviation

Note: This Advisory Circular supercedes Advisory Circular No. 1 of 2005 in its entirety.