

Aircraft file No.

For DGCA use only.

Annual Review of Airworthiness

Operator:

Registration No: VT—.....

Date of last C of A renewal by DGCA:.....

Age of Aircraft at the time of this ARA.

(Tick as applicable)

Less than 10 years

Between 10 and 20 years

More than 20 years

ARA Review No.

1st

2nd

3rd

4th

5th

(Tick as applicable)

Notes for use:

Sections 1 to 10 of this form are mandatory.

Sections 11 to 12 are optional. Relevant section(s) should be completed if any of the affected instruments or equipment have been replaced, or the aircraft role has changed within the last 12 months.

Where an item is not applicable, state N/A.

All discrepancies listed in section 9 will require maintenance action prior to further flight in accordance with the requirements of DGCA

Refer to the notes on page 6 for further instructions on completing this form.

1. Aircraft Particulars

	Airframe	Engine(s)		Propeller(s)	
Manufacturer:					
Model:					
Type Certificate No:					
Serial No:					
Total time in service:					
Time since overhaul:					
Maintenance programme approval reference:					

2. Documents Carried in Aircraft			
Certificate of Airworthiness	Category:	Expiry date:	
Manufacturer's flight manual	Doc:	Rev:	Current?
	Applicable supplements incorporated into flight manual?		
Technical log	Issue No:	Date:	
	Maintenance arising listed on current technical log appropriately rectified or deferred?		
	Technical log contains all required information?		
Radio station licence	Issue date:	Current?	
Weight and balance	Issue date:	Current?	
	Within limits and accurate?		
Certificate of registration	Must be carried on Indian registered aircraft.		Carried?

3. Maintenance Logbooks		
Aircraft Logbook	Leading particulars correct?	
	Scheduled maintenance performed at intervals specified in the maintenance programme?	
	Annual and 100 hour inspections carried out?	
	Radio station tests and inspections carried out?	
		Due date: <input type="text"/>
	Altimeter system and altitude reporting equipment tests and inspections carried out?	
		Due date: <input type="text"/>
	SSR transponder tests and inspections carried out?	
		Due date: <input type="text"/>
	Emergency locator transmitter tests and inspections carried out, including battery replacement requirements?	Battery expiry date: <input type="text"/>
		Due date: <input type="text"/>
	Required operational flight checks recorded?	
	Maintenance programme identified?	
	Maintenance records completed?	
	Releases to service made?	
	Inoperative equipment placarded and recorded?	
	Duplicate inspections carried out and recorded?	
	Out of phase maintenance recorded including manufacturer's and CAR requirements?	
	Applicable lifed components recorded and within life limits?	
	Aircraft W & B summary entered and information reviewed as appropriate?	
Emergency equipment inspected at appropriate times?		
Compass swing carried out at the appropriate times?		
	Due date: <input type="text"/>	

		Engine		Prop	
		L	R	L	R
Engine	Leading particulars correct?				
Logbook and Propeller Logbook	Scheduled maintenance performed at intervals specified in the maintenance programme?				
	Maintenance programme identified?				
	Maintenance records completed?				
	Releases to service made?				
	Duplicate inspections carried out and recorded when required?				
	Ground running checks performed and recorded?				
	Applicable engine components recorded and within life limits?				
	Current mandatory modifications/ airworthiness directives applicable to the type of engine and engine components recorded and certified?				
	Current mandatory modifications/ airworthiness directives applicable to the propeller type recorded and certified?				
	Applicable repetitive mandatory modifications/ airworthiness directives transferred?				
	Propeller overhauls/calendar inspections carried out?				

Aircraft	Current mandatory modifications/ airworthiness directives applicable to the aircraft type recorded and certified?	
Airworthiness Directives, Aircraft Modification, Engine and Propeller Installations	Maintenance carried out in response to manufacturer's service information recorded?	
	Local modifications, role equipment, and supplementary type certificates fitted to the aircraft or its components appropriately approved and recorded?	
	Engines/propellers installed recorded in section 4?	
	Applicable repetitive mandatory modifications/ airworthiness directives transferred to section 5?	

4. Mandatory Modification Status

Airframe	DGCA/_____/1 thru DGCA/_____/____	
Engine(s)	DGCA/_____/1 thru DGCA/_____/____	
Propeller(s)	DGCA/_____/1 thru DGCA/_____/____	
Miscellaneous	DGCA/Misc/1 thru DGCA/Misc/____	

5. Modifications/repairs recorded since the last ARA (state nil if none)

Mod No	Description	Date incorporated	Conformity Auth/Lic No

6. Aircraft Identification and Placards

Aircraft markings	
Stainless steel identification plate fitment	
Placards required by regulations and flight manual (including supplements) fitment	

Additional Operator Requirements

11. Instruments and Equipment Status

Location of instrument and equipment	
Seating and restraints	
Passenger information signs	
Minimum instruments and equipment	
Night VFR instruments and equipment	
VFR communication equipment	
Communication and navigation equipment – VFR over water	
IFR instruments and equipment	
IFR communication and navigation equipment	
Category II and III precision approach equipment	
Emergency equipment	
Flights over water	
Aircraft operations on water	
Emergency locator transmitter	
Oxygen indicators	
Oxygen for non-pressurised aircraft	
Oxygen for pressurised aircraft	
SSR transponder and altitude reporting equipment	
Altitude alerting system or device – turbojet or turbofan	
Assigned altitude indicator	

12. Instrument and Equipment Specifications

Markings and placards	Emergency equipment
Fuel and oil markings	Emergency locator transmitters
Seating	Oxygen
Restraints	Passenger oxygen masks
Child restraint systems	Crew members on-demand oxygen masks
Aircraft lights	Oxygen equipment
Aircraft flying time recorders	Protective breathing equipment (PBE)
Pressure altimeters	Crew member portable PBE
Communication and navigation equipment	Transponder equipment
Category II and III equipment	Altitude encoder equipment
First aid kits	Altitude alerting system or device
Fire extinguishers	

Explanatory notes for completing this form

General

For sections 2 to 6, either enter a tick (✓) in the appropriate column to indicate that the aircraft meets the applicable CAR requirements, or enter N/A if the requirement is not applicable to the aircraft or operation, or enter a discrepancy number and detail the applicable discrepancy in section 9 beside a corresponding discrepancy number.

Section 1

Maintenance programme – the aircraft must be maintained to either an approved maintenance programme or manufacturer's programme, as applicable.

The type certificate data sheet that the aircraft was type accepted into India should be referred to. List the airframe, engine and propeller TCDS numbers and ensure that the aircraft conforms with its type certificate.

Section 2

Flight manual supplements – a copy of all supplements applicable to the fitted aircraft equipment must be kept in the flight manual.

Section 3

L and R columns have been provided for twin engine aircraft. For single engine aircraft, use either column.

It is recommended that the serial numbers of a sample of lifed components be compared with the actual components fitted to the aircraft.

Section 4

Identify the mandatory modification range for each type of component that has been recorded and certified. Section 3 of this form also requires confirmation that the latest revision of each airworthiness directive has been recorded and appropriately certified.

Section 5

List all modifications/repairs embodied since the last ARA and check that any applicable conformity inspections have been carried out by an appropriately authorised person.

Section 6

Aircraft markings

Section 7

Beside each item either enter a tick (✓) to indicate that the condition of the item is satisfactory, or enter N/A if the requirement is not applicable to the aircraft or operation, or enter a discrepancy number and detail the applicable discrepancy in section 9 beside a corresponding discrepancy number.

Section 8

List any appropriate remarks in this section, other than discrepancies observed.

Section 9

All discrepancies listed in this section will require maintenance action prior to further flight in accordance with the requirements of relevant CARs.

Section 11 to 12

These sections are optional. Relevant section(s) should be completed if any of the affected instruments or equipment have been replaced, or the aircraft role has changed within the last 12 months.