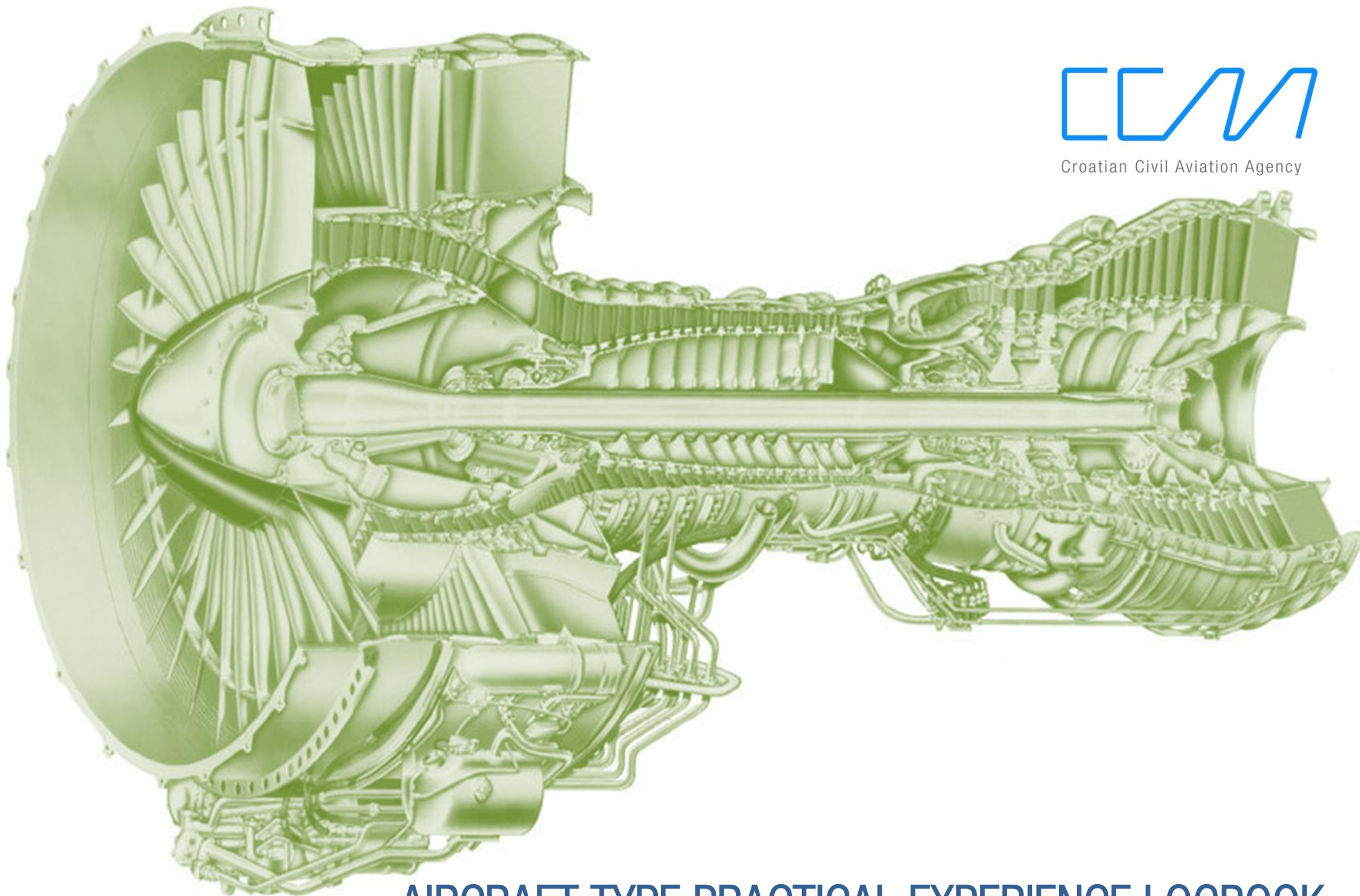




Croatian Civil Aviation Agency



**AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK**

# AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK

## INTRODUCTION

This logbook has been developed by the CCAA - Croatian Civil Aviation Agency in its current format as the preferred means of recording aircraft type/group practical maintenance experience in order to support an application to the Agency to introduce a new aircraft type/group in aircraft maintenance licence.

### LOGBOOK USAGE

The usage of this logbook is voluntary, but where a logbook is submitted in support of an application **to endorse a new aircraft type/group** in aircraft maintenance licence it will enable the CCAA to process the application more efficiently and reduce the handling time for the application. A general reference to the logbook contents as it applies to the application will continue to be required on the application form, but the logbook, provided that it has been maintained clearly and accurately and is relevant to the application, will be accepted in lieu of detailed worksheets. The CCAA reserves the right to request supporting information when further clarification becomes necessary. The logbook may be used to support applications under Part-66.

### THE LOGBOOK HOLDER

It is the responsibility of the logbook holder to record the tasks, qualifications and experience as necessary and overall to maintain the logbook in a clear and accurate manner.

### THE SUPERVISOR

The Supervisor should be a supervisory aircraft maintenance engineer who is in regular contact with the logbook holder. The Supervisor will sign off the entries made by the logbook holder when satisfied that the entries reflect what work he has carried out.

### THE ASSESSOR

The Assessor will sign off the Logbook when satisfied that the all entries made by the logbook holder and supervisor reflect the extent of practical skills and maintenance experience necessary for the holder to submit an application for Part-66 Aircraft Maintenance Licence.

It is the Assessor's responsibility to evaluate and agree with the extent of practical skills and maintenance experience.

# AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK

Osobni podaci (*popuniti velikim tiskanim slovima*)

*Personal Data (please complete in block letters)*

Ime i Prezime (*Name & Family name*): \_\_\_\_\_ Potpis (*Signature*): \_\_\_\_\_

Adresa (*Full Address*): \_\_\_\_\_

Datum i mjesto rođenja (*Date and Place of Birth*): \_\_\_\_\_ Državljanstvo (*Nationality*): \_\_\_\_\_

Početak praktične obuke (*Date of Start*): \_\_\_\_\_ Kraj praktične obuke (*Date of end*): \_\_\_\_\_

Broj dozvole ( <i>Licence No.</i> ):		Kategorija ( <i>Category</i> ):
Tip zrakoplova za koji podnosim zahtijev ( <i>Aircraft rating applied for</i> ):		
Ovlaštenje za grupu ( <i>Group rating</i> ):		

Assessor's (*Name & Family name*): \_\_\_\_\_ Potpis (*Signature*): \_\_\_\_\_

I hereby confirm that I have assessed this logbook and that all entries made by the logbook holder and supervisor reflect the extent of practical skills and maintenance experience necessary for the holder to submit an application for type/group endorsement in Part-66 Aircraft Maintenance Licence in the relevant category.

Datum (*Date*): \_\_\_\_\_ Broj dozvole (*Licence No.*): \_\_\_\_\_

# AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK

## Odobrene organizacije za održavanje (*Approved Maintenance Organisation's*)

1.	Odobrena organizacija za održavanje i broj odobrenja ( <i>Approved Maintenance Organisation &amp; Organisation Approval No.</i> ):
	Adresa ( <i>Location</i> ):
2.	Odobrena organizacija za održavanje i broj odobrenja ( <i>Approved Maintenance Organisation &amp; Organisation Approval No.</i> ):
	Adresa ( <i>Location</i> ):
3.	Odobrena organizacija za održavanje i broj odobrenja ( <i>Approved Maintenance Organisation &amp; Organisation Approval No.</i> ):
	Adresa ( <i>Location</i> ):
4.	Odobrena organizacija za održavanje i broj odobrenja ( <i>Approved Maintenance Organisation &amp; Organisation Approval No.</i> ):
	Adresa ( <i>Location</i> ):
5.	Odobrena organizacija za održavanje i broj odobrenja ( <i>Approved Maintenance Organisation &amp; Organisation Approval No.</i> ):
	Adresa ( <i>Location</i> ):

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## Popis nadzornika *(List of supervisor's)*

1.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
2.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
3.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
4.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
5.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
6.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
7.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
8.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
9.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>
10.	Ime i prezime nadzornika <i>(Supervisors name):</i>	Potpis <i>(Signature):</i>	Broj dozvole <i>(Licence No.):</i>

# AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK

## General Information

1. All entries in this logbook shall be made in ink.
2. When used in support of an application for a licence amendment, any false entry in the logbook will constitute a legal offence.
3. Entries in the logbook shall be made personally by the logbook holder and confirmed/certified by an authorised person.
4. Logbook should be kept as whole, no missing pages are allowed.

### Completion of the Log pages

The log pages of this book have the following general format:

Date	A/C Registration	ATA	Operation Performed/Task Detail	Supervisor's signature	Base/ Line	Performed/ Supervise/ Release	CAT. Used	Duration in Days
								Work Pack No.

The following information and instruction for each column shall be observed :

**Aircraft Type:** Aircraft on which work is performed.

**Date:** Indicates the date of closure/certifying by the authorised person (Supervisor).

**A/C Registration:** Aircraft registration.

**ATA:** Reference to ATA 100 classification

**Operation Performed/Task Detail:** Describes the task performed or competence obtained (Short description of task).

**Supervisor's signature:** Each entry must be signed to certify that the logbook owner has achieved required competence on the subject or that the task has been carried out correctly under his supervision.

**Base/Line:** Type of maintenance

**Performed/Supervise/Release:** Type of work

**CAT. Used:** Category used: A, B1, B2, B3 or C

**Duration in Days:** Duration in days or partial-days

**Work Pack No.:** The entries made in this column state Workorder or Workorder task that has been performed, to allow traceability. In case of extensive work, it may be useful to add a detailed work report to the logbook folder.

# AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK

## Referent regulation

### **AMC 66.A.45(d), (e)3, (f)1 and (g)1 Endorsement with aircraft ratings**

1 The “practical experience” should cover a representative cross section including at least 50 % of tasks contained in Appendix II to AMC relevant to the licence category and to the applicable aircraft type ratings or aircraft (sub)group ratings being endorsed. This experience should cover tasks from each paragraph of the Appendix II list. Other tasks than those in the Appendix II may be considered as a replacement when they are relevant. In the case of (sub)group ratings, this experience may be shown by covering one or several aircraft types of the applicable (sub)group and may include experience on aircraft classified in group 1, 2 and/or 3 as long as the experience is relevant. The practical experience should be obtained under the supervision of authorised certifying staff.

2 In the case of endorsement of individual type ratings for Group 2 and Group 3 aircraft, for the second aircraft type of each manufacturer (sub)group the practical experience should be reduced to 30 % of the tasks contained in Appendix II to AMC relevant to the licence category and to the applicable aircraft type. For subsequent aircraft types of each manufacturer (sub)group this should be reduced to 20 %.

3 Practical experience should be demonstrated by the submission of records or a logbook showing the Appendix II tasks performed by the applicant. Typical data to be recorded are similar to those described in AMC 66.A.20(b)2.

### **AMC 66.A.20(b)2.**

The experience should be documented in an individual logbook or in any other recording system (which may be an automated one) containing the following data:

- Date;
- Aircraft type;
- Aircraft identification, i.e. registration;
- ATA Chapter (optional);
- Operation performed i.e. 100 FH check, MLG wheel change, engine oil check and complement, SB embodiment, troubleshooting, structural repair, STC embodiment. . . ;
- Type of maintenance, i.e. base, line;
- Type of activity, i.e. perform, supervise, release;
- Category used: A, B1, B2, B3 or C;
- Duration in days or partial-days.

## Typical Maintenance Tasks:

### Time limits/Maintenance checks

100 hour check (general aviation aircraft).  
“B” or “C” check (transport category aircraft).  
Assist in carrying out a scheduled maintenance check i.a.w. AMM.  
Review Aircraft Maintenance Log for correct completion.  
Review records for compliance with airworthiness directives.  
Review records for compliance with component life limits.  
Procedure for inspection following heavy landing.  
Procedure for inspection following lightning strike.

### Dimensions/Areas

Locate component(s) by zone/station number.  
Perform symmetry check.

### Lifting and Shoring

Assist in:  
Jack aircraft nose or tail wheel.  
Jack complete aircraft.  
Sling or trestle major component.

### Levelling/Weighing

Level aircraft.  
Weigh aircraft.  
Prepare weight and balance amendment.  
Check aircraft against equipment list.

### Towing and Taxiing

Prepare aircraft for towing.  
Tow aircraft.  
Be part of aircraft towing team.

### Parking and Mooring

Tie down aircraft.  
Park, secure and cover aircraft.  
Position aircraft in maintenance dock.  
Secure rotor blades.

### Placards and Markings

Check aircraft for correct placards.  
Check aircraft for correct markings.

### Servicing

Refuel aircraft.  
Defuel aircraft.  
Carry out tank to tank fuel transfer.  
Check/adjust tyre pressures.  
Check/replenish oil level.  
Check/replenish hydraulic fluid level.  
Check/replenish accumulator pressure.  
Charge pneumatic system.  
Grease aircraft.  
Connect ground power.  
Service toilet/water system.  
Perform pre-flight/daily check.

### Vibration and Noise Analysis

Analyse helicopter vibration problem.  
Analyse noise spectrum.  
Analyse engine vibration.



## **Air Conditioning**

Replace combustion heater.  
Replace flow control valve.  
Replace outflow valve.  
Replace safety valve.  
Replace vapour cycle unit.  
Replace air cycle unit.  
Replace cabin blower.  
Replace heat exchanger.  
Replace pressurisation controller.  
Clean outflow valves.  
Check operation of air conditioning/heating system.  
Check operation of pressurisation system.  
Troubleshoot faulty system.

## **Autoflight**

Install servos.  
Rig bridle cables Replace controller.  
Replace amplifier.  
Replacement of auto flight system LRUs in the case of fly-by-wire aircraft.  
Check operation of auto-pilot.  
Check operation of auto-throttle/auto-thrust.  
Check operation of yaw damper.  
Perform autopilot gain adjustments.  
Perform mach trim functional check.  
Troubleshoot faulty system.  
Check autoland system.  
Check flight management systems.  
Check stability augmentation system.

## **Communications**

Replace VHF comm unit.  
Replace HF comm unit.

Replace existing antenna.  
Replace static discharge wicks.  
Check operation of radios.  
Perform antenna VSWR check.  
Perform Selcal operational check.  
Perform operational check of passenger address system.  
Functionally check audio integrating system.  
Repair co-axial cable.  
Troubleshoot faulty system.

## **Electrical Power**

Charge lead/acid battery.  
Charge ni-cad battery.  
Check battery capacity.  
Deep-cycle ni-cad battery.  
Replace integrated drive/generator/alternator.  
Replace switches.  
Replace circuit breakers.  
Adjust voltage regulator.  
Change voltage regulator.  
Amend electrical load analysis report.  
Repair/replace electrical feeder cable.  
Troubleshoot faulty system.  
Perform functional check of integrated drive/generator/alternator.  
Perform functional check of voltage regulator.  
Perform functional check of emergency generation system.

## **Equipment/Furnishings**

Replace carpets.  
Replace crew seats.  
Replace passenger seats.  
Check inertia reels.

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Check seats/belts for security.  
Check emergency equipment.  
Check ELT for compliance with regulations.  
Repair toilet waste container.  
Repair upholstery.  
Change cabin configuration.  
Replace cargo loading system actuator.  
Test cargo loading system.  
Replace escape slides/ropes.

## **Fire Protection**

Check fire bottle contents.  
Check/test operation of fire/smoke detection and warning system.  
Check cabin fire extinguisher contents.  
Check lavatory smoke detector system.  
Check cargo panel sealing.  
Install new fire bottle.  
Replace fire bottle squib.  
Troubleshoot faulty system.  
Inspect engine fire wire detection systems.

## **Flight Controls**

Inspect primary flight controls and related components i.a.w. AMM.  
Inspect extending/retracting flaps and slats.  
Replace horizontal stabiliser.  
Replace spoiler/lift dumper.  
Replace elevator.  
Deactivation/reactivation of aileron servo control.  
Replace aileron.  
Replace rudder.  
Replace trim tabs.  
Install control cable and fittings.  
Replace slats.

Replace flaps.  
Replace powered flying control unit  
Replace flap actuator  
Rig primary flight controls.  
Adjust trim tab.  
Adjust control cable tension.  
Check control range and sense direction of movement.  
Check for correct assembly and locking.  
Troubleshoot faulty system.  
Functional test of primary flight controls.  
Functional test of flap system.  
Operational test of the side stick assembly.  
Operational test of the THS.  
THS system wear check.

## **Fuel**

Water drain system (operation).  
Replace booster pump.  
Replace fuel selector.  
Replace fuel tank cells.  
Replace/test fuel control valves.  
Replace magnetic fuel level indicators.  
Replace water drain valve.  
Check/calculate fuel contents manually.  
Check filters.  
Flow check system.  
Check calibration of fuel quantity gauges.  
Check operation feed/selectors  
Check operation of fuel dump/jettison system.  
Fuel transfer between tanks.  
Pressure de-fuel  
Pressure re-fuel (manual control)

Deactivation/reactivation of the fuel valves (transfer de-fuel, X-feed, re-fuel)  
Troubleshoot faulty system.

## **Hydraulics**

Replace engine driven pump.  
Check/replace case drain filter.  
Replace standby pump.  
Replace hydraulic motor pump/generator.  
Replace accumulator.  
Check operation of shut off valve.  
Check filters/clog indicators.  
Check indicating systems.  
Perform functional checks.  
Pressurisation/depressurisation of the hydraulic system.  
PTU operation.  
Troubleshoot faulty system.

## **Ice and Rain Protection**

Replace pump.  
Replace timer.  
Inspect/repair propeller de-ice boot.  
Test propeller de-icing system.  
Inspect/test wing leading edge de-icer boot.  
Replace anti-ice/de-ice valve.  
Install wiper motor.  
Check operation of systems.  
Operational test of the pitot-probe ice protection.  
Operational test of the TAT ice protection.  
Operational test of the wing ice protection system.  
Assistance to the operational test of the engine air-intake ice protection (with engines in operation).  
Troubleshoot faulty system.

## **Indicating/recording systems**

Replace flight data recorder (FDR).  
Replace cockpit voice recorder.  
Replace clock.  
Replace master caution unit.  
Perform flight data recorder data retrieval.  
Troubleshoot faulty system.  
Implement ESDS procedures.  
Inspect for HIRF requirements.  
Start/stop EIS procedure.  
Bite test of the CFDIU.  
Ground scanning of the central warning system.

## **Landing Gear**

Build up wheel.  
Replace main wheel.  
Replace nose wheel.  
Replace steering actuator.  
Relace truck tilt actuator.  
Relace gear retraction actuator.  
Replace uplock/downlock assembly.  
Replace shimmy damper.  
Rig nose wheel steering.  
Functional test of the nose wheel steering system.  
Replace shock strut seals.  
Servicing of shock strut.  
Replace brake unit.  
Replace brake control valve.  
Bleed brakes.  
Replace brake fan.  
Test anti skid unit.  
Test gear retraction.

Change bungees.  
Adjust micro switches/sensors.  
Charge struts with oil and air.  
Troubleshoot faulty system.  
Test outbrake system.  
Replace rotorcraft skids.  
Replace rotorcraft skid shoes.  
Pack and check floats.  
Check/test emergency blowdown.  
Operational test of the landing gear doors.

## Lights

Repair/replace rotating beacon.  
Repair/replace landing lights.  
Repair/replace navigation lights.  
Repair/replace interior lights.  
Replace ice inspection lights.  
Repair/replace logo lights.  
Repair/replace emergency lighting system.  
Perform emergency lighting system checks.  
Troubleshoot faulty system.

## Navigation

Calibrate magnetic direction indicator.  
Replace airspeed indicator.  
Replace altimeter.  
Replace air data computer.  
Replace VOR unit.  
Replace ADI.  
Replace HSI.  
Check pitot static system for leaks.  
Check operation of directional gyro.  
Functional check weather radar.

Functional check doppler.  
Functional check TCAS.  
Functional check DME.  
Functional check ATC Transponder.  
Functional check flight director system.  
Functional check inertial nav system.  
Complete quadrantal error correction of ADF system.  
Update flight management system database.  
Check calibration of pitot static instruments.  
Check calibration of pressure altitude reporting system.  
Troubleshoot faulty system.  
Check marker systems.  
Compass replacement direct/indirect.  
Check Satcom.  
Check GPS.  
Test AVM.

## Oxygen

Inspect on board oxygen equipment.  
Purge and recharge oxygen system.  
Replace regulator.  
Replace oxygen generator.  
Test crew oxygen system.  
Perform auto oxygen system deployment check.  
Troubleshoot faulty system.

## Pneumatic Systems

Replace filter.  
Replace air shut off valve.  
Replace pressure regulating valve.  
Replace compressor.

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Recharge dessicator.  
Adjust regulator.  
Check for leaks.  
Troubleshoot faulty system.

## **Vacuum Systems**

Inspect the vacuum system i.a.w. AMM.  
Replace vacuum pump.  
Check/replace filters.  
Adjust regulator.  
Troubleshoot faulty system.

## **Water/Waste**

Replace water pump.  
Replace tap.  
Replace toilet pump.  
Troubleshoot faulty system.  
Inspect waste bin flap closure.

## **Central Maintenance System**

Retrieve data from CMU.  
Replace CMU.  
Perform BITE check.  
Troubleshoot faulty system.

## **Structures**

Sheet metal repair.  
Fibre glass repair.  
Wooden repair.  
Fabric repair.  
Recover fabric control surface.  
Treat corrosion.  
Apply protective treatment.

## **Doors**

Inspect passenger door i.a.w. AMM.  
Rig/adjust locking mechanism.  
Adjust air stair system.  
Check operation of emergency exits.  
Test door warning system.  
Troubleshoot faulty system.  
Remove and install passenger door i.a.w. AMM.  
Remove and install emergency exit i.a.w. AMM.  
Inspect cargo door i.a.w. AMM.

## **Windows**

Replace windshield.  
Replace direct vision window.  
Replace cabin window.  
Repair transparency.

## **Wings**

Skin repair.  
Recover fabric wing.  
Replace tip.  
Replace rib.  
Replace integral fuel tank panel.  
Check incidence/rig.

## **Propeller**

Assemble prop after transportation.  
Replace propeller.  
Replace governor.  
Adjust governor.  
Perform static functional checks.  
Check operation during ground run.

Check track.  
Check setting of micro switches.  
Assess and dress out blade damage i.a.w. AMM.  
Dynamically balance prop.  
Troubleshoot faulty system.

## **Main Rotors**

Install rotor assembly.  
Replace blades.  
Replace damper assembly.  
Check track.  
Check static balance.  
Check dynamic balance.  
Troubleshoot.

## **Rotor Drive**

Replace mast.  
Replace drive coupling.  
Replace clutch/freewheel unit Replace drive belt.  
Install main gearbox.  
Overhaul main gearbox.  
Check gearbox chip detectors.

## **Tail Rotors**

Install rotor assembly.  
Replace blades.  
Troubleshoot.

## **Tail Rotor Drive**

Replace bevel gearbox.  
Replace universal joints.  
Overhaul bevel gearbox.  
Install drive assembly.

Check chip detectors.  
Check/install bearings and hangers.  
Check/service/assemble flexible couplings.  
Check alignment of drive shafts.  
Install and rig drive shafts.

## **Rotorcraft Flight Controls**

Install swash plate.  
Install mixing box.  
Adjust pitch links.  
Rig collective system.  
Rig cyclic system.  
Rig anti-torque system.  
Check controls for assembly and locking.  
Check controls for operation and sense.  
Troubleshoot faulty system.

## **Power Plant**

Build up ECU.  
Replace engine.  
Repair cooling baffles.  
Repair cowling.  
Adjust cowl flaps.  
Repair faulty wiring.  
Troubleshoot.  
Assist in dry monitoring check.  
Assist in wet monitoring check.  
Assist in engine start (manual mode).

## **Piston Engines**

Remove/install reduction gear.  
Check crankshaft run-out.

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Check tappet clearance.  
Check compression.  
Extract broken stud.  
Install helicoil.  
Perform ground run.  
Establish/check reference RPM.  
Troubleshoot.

## **Turbine Engines**

Replace module.  
Replace fan blade.  
Hot section inspection/boroscope check.  
Carry out engine/compressor wash.  
Carry out engine dry cycle.  
Engine ground run.  
Establish reference power.  
Trend monitoring/gas path analysis.  
Troubleshoot.

## **Fuel and Control – Piston**

Replace engine driven pump.  
Adjust AMC.  
Adjust ABC.  
Install carburettor/injector.  
Adjust carburettor/injector.  
Clean injector nozzles.  
Replace primer line.  
Check carburettor float setting.  
Troubleshoot faulty system.

## **Fuel and Control – Turbine**

Replace FCU.  
Replace Engine Electronic Control Unit (FADEC).

Replace Fuel Metering Unit (FADEC).  
Replace engine driven pump.  
Clean/test fuel nozzles.  
Clean/replace filters.  
Adjust FCU.  
Troubleshoot faulty system  
Functional test of FADEC.

## **Ignition Systems – Piston**

Change magneto.  
Change ignition vibrator.  
Change plugs.  
Test plugs.  
Check H.T. leads.  
Install new leads.  
Check timing.  
Check system bonding.  
Troubleshoot faulty system.

## **Ignition Systems – Turbine**

Perform functional test of the ignition system.  
Check glow plugs/ignitors.  
Check H.T. leads.  
Check ignition unit.  
Replace ignition unit.  
Troubleshoot faulty system.

## **Engine Controls**

Rig thrust lever.  
Rig RPM control.  
Rig mixture HP cock lever.  
Rig power lever.  
Check control sync (multi-eng).



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Check controls for correct assembly and locking.  
Check controls for range and sense of operation direction of movement.  
Adjust pedestal micro-switches.  
Troubleshoot faulty system.

## **Engine Indicating**

Replace engine instrument(s).  
Replace oil temperature bulb.  
Replace thermocouples.  
Check calibration.  
Troubleshoot faulty system.

## **Exhaust – Piston**

Replace exhaust gasket.  
Inspect welded repair.  
Pressure check cabin heater muff.  
Troubleshoot faulty system.

## **Exhaust – Turbine**

Change jet pipe.  
Change shroud assembly.  
Install trimmers.  
Inspect/replace thrust reverser.  
Replace thrust reverser component.  
Deactivate/reactivate thrust reverser.  
Operational test of the thrust reverser system.

## **Oil**

Change oil.  
Check filter(s).  
Adjust pressure relief valve.  
Replace oil tank.  
Replace oil pump.  
Replace oil cooler.

Replace firewall shut-off valve.  
Perform oil dilution test.  
Troubleshoot faulty system.

## **Starting**

Replace starter.  
Replace start relay.  
Replace start control valve.  
Check cranking speed.  
Troubleshoot faulty system.

## **Turbocharger – Piston Engines**

Replace PRT.  
Replace turbo-blower.  
Replace heat shields.  
Replace waste gate.  
Adjust density controller.

## **Engine Water Injection**

Replace water/methanol pump.  
Flow check water/methanol system.  
Adjust water/methanol control unit.  
Check fluid for quality.  
Troubleshoot faulty system

## **Accessory Gearboxes**

Replace gearbox.  
Replace drive shaft.  
Check/inspect magnetic chip detector.

## **APU**

Removal/installation of the APU.  
Removal/installation of the inlet guide-vane actuator.  
Operational test of the



## Glossary:

**ABC** - Automatic Boost Control

**ADI** - Attitude Direction Indicator

**AMC** - Automatic Mixture Control

**AMM** - Aircraft Maintenance Manual

**APU** - Auxiliary Power Unit

**ATC** - Air Traffic Control

**AVM** - Aircraft Vibration Monitor

**BITE** - Built in Test Equipment

**CFDIU** - Centralized Fault Display Interface Unit

**CMU** - Central Monitoring Unit

**DME** - Distance Measuring Equipment

**ECU** - Electronic Control Unit

**EIS** - Electronic Instrument System

**ELT** - Emergency Locator Transmitter

**ESD** - Electrostatic Sensitive Device

**FADEC** - Full Authority Digital Engine Control

**FCU** - Fuel Control Unit

**FDR** - Flight Data Recorder

**GPS** - Global Positioning System

**HF** - High Frequency

**HIRF** - High Intensity Radiated Field

**HP** - High Pressure

**HIS** - Horizontal Situation Indicator

**LRU** - Line Replaceable Unit

**PRT** - Power Recovery Turbine

**PTU** - Power Transfer Unit

**RPM** - Revolutions Per Minute

**TAT** - Total Air Temperature

**TCAS** - Traffic Collision Avoidance System

**THS** - Trimmable Horizontal Stabiliser

**VHF** - Very High Frequency

**VOR** - Visual Omni Range

**VSWR** - Voltage Standing Wave Ratio

# AIRCRAFT TYPE PRACTICAL EXPERIENCE LOGBOOK

Aircraft Type: .....  
 (Aircraft/Engine combination)

Date	A/C Registration	ATA	Operation Performed/Task Detail	Owner's signature	Supervisor's signature	Base/ Line	Performed/ Supervise/ Release	CAT. Used	Duration in Days	
									Work Pack No.	
Logbook Owner's Name:				Licence No.:			Signature:			