

EASA Part-66 Aircraft Maintenance Licence

DOCUMENTATION of EXPERIENCE

1. This documentation of experience logbook is to be used to record details of experience over the practical period prior to the initial issue or amendment of a EASA Part-66 Aircraft Maintenance Licence (AML) and for additional categories or subcategories.
2. Systems and equipment are arranged within this schedule in conformity with ATA 100 specification
3. The schedule does not specify tasks but identifies those task areas in which experience should be gained. Such as:
 - Troubleshooting,
 - Maintenance practices,
 - Servicing,
 - Removal/installation
 - Adjustment/check,
 - Inspect/check,
 - Approved repairs
4. A signature, date and licence no. recorded against each "work carried out" entry shall be made by supervising licenced aircraft maintenance licence holder.
5. Supervisors signing in the logbook must fill in information in the logbooks signlist.

Page 1	Applicant Information
Page 2	Example of certifying document
Page 3-7	Organisations ATA Chapter
Page 8	Signlist
Page 10	Example documentation
Page 11-37	ATA Experience Documentation
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Organisation No 1

Name of applicant			
AML licence no and/or Date of birth		License category B1/B2/B3, tick in the applicable subcategory B1.1 <input type="checkbox"/> B1.2 <input type="checkbox"/> B1.3 <input type="checkbox"/> B1.4 <input type="checkbox"/> B2 <input type="checkbox"/> B2L <input type="checkbox"/> B3 <input type="checkbox"/>	
Company /Org/ Certifying LAE			Part-145 / Part-CAU maint approval no or AML licence no
Training period			
From	To	Days	Hours
The signature below signs for the accuracy of this document and that the applicant has met the relevant maintenance experience requirements of AMC 66.A.30(a) Basic Experience Requirements			
Date		Part-145 / Part-CAU maint approval no or AML licence no	
Signature of Part-66 AML		Name	

Organisation No 2

Name of applicant			
AML licence no and/or Date of birth		License category B1/B2/B3, tick in the applicable subcategory B1.1 <input type="checkbox"/> B1.2 <input type="checkbox"/> B1.3 <input type="checkbox"/> B1.4 <input type="checkbox"/> B2 <input type="checkbox"/> B2L <input type="checkbox"/> B3 <input type="checkbox"/>	
Company /Org/ Certifying LAE			Part-145 / Part-CAU maint approval no or AML licence no
Training period			
From	To	Days	Hours
The signature below signs for the accuracy of this document and that the applicant has met the relevant maintenance experience requirements of AMC 66.A.30(a) Basic Experience Requirements			
Date		Part-145 / Part-CAU maint approval no or AML licence no	
Signature of Part-66 AML		Name	

Organisation No 3

Name of applicant			
AML licence no and/or Date of birth		License category B1/B2/B3, tick in the applicable subcategory B1.1 <input type="checkbox"/> B1.2 <input type="checkbox"/> B1.3 <input type="checkbox"/> B1.4 <input type="checkbox"/> B2 <input type="checkbox"/> B2L <input type="checkbox"/> B3 <input type="checkbox"/>	
Company /Org/ Certifying LAE			Part -145/ Part-CAU maint approval no or AML licence no
Training period			
From	To	Days	Hours
<p>The signature below signs for the accuracy of this document and that the applicant has met the relevant maintenance experience requirements of AMC 66.A.30(a) Basic Experience Requirements AMC 66.A.30(a) Basic Experience Requirements</p>			
Date		Part-145 / Part-CAU maint approval no or AML licence no	
Signature of Part-66 AML		Name	

Organisation No 4

Name of applicant			
AML licence no and/or Date of birth		License category B1/B2/B3, tick in the applicable subcategory B1.1 <input type="checkbox"/> B1.2 <input type="checkbox"/> B1.3 <input type="checkbox"/> B1.4 <input type="checkbox"/> B2 <input type="checkbox"/> B2L <input type="checkbox"/> B3 <input type="checkbox"/>	
Company /Org/ Certifying LAE			Part-145 / Part-CAU maint approval no or AML licence no
Training period			
From	To	Days	Hours
<p>The signature below signs for the accuracy of this document and that the applicant has met the relevant maintenance experience requirements of AMC 66.A.30(a) Basic Experience Requirements AMC 66.A.30(a) Basic Experience Requirements</p>			
Date		Part-145 / Part-CAU maint approval no or AML licence no	
Signature of Part-66 AML		Name	

Organisation No 5

Name of applicant			
AML licence no and/or Date of birth		License category B1/B2/B3, tick in the applicable subcategory B1.1 <input type="checkbox"/> B1.2 <input type="checkbox"/> B1.3 <input type="checkbox"/> B1.4 <input type="checkbox"/> B2 <input type="checkbox"/> B2L <input type="checkbox"/> B3 <input type="checkbox"/>	
Company /Org/ Certifying LAE			Part-145 / Part-CAU maint approval no or AML licence no
Training period			
From	To	Days	Hours
<p>The signature below signs for the accuracy of this document and that the applicant has met the relevant maintenance experience requirements of AMC 66.A.30(a) Basic Experience Requirements</p>			
Date		Part-145 / Part-CAU maint approval no or AML licence no	
Signature of Part-66 AML		Name	

Basic Practical Experience Logbook

ATA	Task area	ATA	Task area
05	Periodic inspections	51	Standard practices & structures - general
06	Dimensions & areas	52	Doors
07	Lifting & shoring	53	Fuselage
08	Leveling & weighing	54	Nacelles / pylons
09	Towing & taxiing	55	Stabilizers
10	Parking, mooring, storage & return to service	56	Windows
11	Placards & marking	57	Wings
12	Servicing – routine maintenance	60	Standard practices – propeller / rotor
18	Vibration & noise analysis (helicopter only)	61	Propellers / propulsors
20	Standard practices – airframe	62	Main rotors
21	Air conditioning	63	Main rotor drive(s)
22	Auto flight	64	Tail rotor
23	Communications	65	Tail rotor drive
24	Electrical power	66	Rotor blade & tail pylon folding
25	Equipment / furnishings	67	Rotors flight control
26	Fire protection	70	Standard practices – engine
27	Flight controls	71	Power plant – general
28	Fuel	72 (T)	Engine – turbine / turboprop, ducted fan / unducted fan
29	Hydraulic power	72 (R)	Engine – reciprocating
30	Ice & rain protection	73	Engine – fuel & control
31	Indicating / recording system	74	Ignition
32	Landing gear	75	Bleed air
33	Lights	76	Engine controls
34	Navigation	77	Engine indicating
35	Oxygen	78	Exhaust
36	Pneumatic	79	Oil
37	Vacuum	80	Starting
38	Water / waste	81	Turbines (reciprocating engines)
39	Electrical - electronic panels & multipurpose components	82	Water injection
41	Water ballast	83	Accessory gear boxes (engine driven)
45	Central maintenance system (cms)	84	Propulsion augmentation
46	Information system	91	Charts
49	Airborne auxiliary power		

Basic Practical Experience Logbook

06	Dimensions & areas						
	General						
	Jacking						
	Shoring						
08	Leveling & weighing						
	Calculate Centre of Gravity/Balance limits, use relevant documents						
	Prepare aircraft for weighing						
	Leveling of aircraft						
	Assist jacking an aircraft						
09	Towing & taxiing						
	Park, chock and ground aircraft						
	Assist in the towing of an aircraft						
	Taxiing						
	Perform long time parking						
10	Parking, mooring, storage & return to service						
	Perform long time parking						
	Park, chock and ground aircraft						
	Mooring						
	Return to service						
	Covers and plugs rem/install						
11	Placards & marking						
	General						
	Exterior Color Schemes & Markings						
	Exterior Placards & Markings						
	Interior Placards						
	Check aircraft for correct placards						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
20	Standard practices - airframe						
	Explain hazards when working with aircraft related to noise, heat, moving surfaces, propellers, rotors, intakes, exhausts						
	Demonstrate safety precautions when using fluids, gasses and chemicals						
	Check validity of calibration of tools and equipment						
	Demonstrate the use of lubrication equipment according AMM						
	Use tools and equipment for cutting, forming and joining commonly used materials (Ferrous and non-ferrous)						
	Fit and remove thread inserts						
	Remove defective rivets without causing further damage to skin						
	Select and install rivets as instructed by Structure Repair Manual						
	Lubricate aircraft according Maintenance Manual						
	Locate components using referencing system, e g station numbers						
	Perform a small repair of a composite structure						
	Explain methodes to detect defects/deterioration in composite material						
	Identify the characteristics and properties of common composite materials						

Basic Practical Experience Logbook

Identify a range of sealing and bonding agents							
Perform simple soldering tasks							
Solder cables to single and multipin connectors							
Inspect soldered, welded and brazed joints							
Explain construction methods used in wooden structures							
Discuss methods of preservation and maintenance of wooden structures							
Demonstrate repair of wooden structure							
Explain I identify defects in fabrics							
Perform refueling/defueling of aircraft							
Explain the detection of defects in wood material and wooden structures							
Demonstrate I explain methods to repair fabric covering							
Adjust, set and use torque spanners							
Demonstrate competence when wire locking a variety of assemblies							
Demonstrate application of two-component sealers and compounds							
Explain & implement ESD procedures (ESD = Electro Static Discharge)							

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
24	Electrical power						
	Replacement of CB						
	Replacement of generator						
	AC Generation						
	DC Generation voltage operational check						
	External Power syst check						
	AC Electrical Load Distribution						
	DC Electrical Load Distribution						
	Remove/refit main batteries						
	Check an aircraft electrical circuit for continuity in conjunction with an electrical wiring diagram						
	Use test meters to measure volts, amps and resistance in practical task circumstances						
	Carry out basic fault finding techniques using a range of test meters						
	Demonstrate wire splicing methodes						
	Insert I extract electrical inserts (pins) in a variety of electrical connectors						
	Repair or replace an electrical connector						
	Select and use appropriate cable stripping tools						
	Use two crimping systems to prepare cable ends or plug I socket tenninals						

Basic Practical Experience Logbook

	Connect and use external electrical power						
	Demonstrate disconnecting and reconnecting of electrical connectors						
	Demonstrate replacement of circuit breaker						
	Conduct a NICA battery check						
	Replace an electrical component and run a functional test according to AMM						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
26	Fire protection						
	Check fire bottle contents						
	Check/test operation of fire/smoke detection and warning system						
	Check cabin fire extinguisher contents						
	Explosion Suppression check						
	Check avionic smoke detector system						
	Troubleshoot faulty system.						
	Perform weight check on fire extinguisher container and replace, if necessary						
	Check/test operation of cargo fire/smoke detection and warning system						
27	Flight controls						
	Troubleshoot faulty system						
	Perform operation test of aileron control system						
	Detailed inspection of elevator and rudder control cables						
	Perform operation test of elevator control system						
	Perform operational test of Horizontal Stabilizer / Stabilator system						
	Extending/retracting flaps & slats. Op test						
	Spoiler, Drag Devices & Variable Aerodynamic Fairings						

Basic Practical Experience Logbook

Operational check of Gust Lock & Damper						
Lift Augmenting						
Check control range and direction of movement						
Functional test of primary flight controls						
Functional test of flap system						
Perform lubrication of bearings						
Perform gust lock operational check						
Run a functional check on auto flap retraction						
Test function of mechanically operated ailerons, elevators, rudder						
Suppose a faulty flight control system: Use the on-board reporting system for troubleshooting						
Run a functional check on a fly-by-wire system						
Explain precaution and safety measures required before operating flight controls						
Perform rigging of flight controls following component replacement						
Explain replacement procedure for a hydraulic flight control actuator						
Run a functional check on hydraulically operated flight control systems						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
32	Landing Gear						
	General						
	Functional test of the nose wheel steering system						
	Service struts with oil and nitrogen						
	Replace Main Gear & Doors						
	Replace Nose Gear / Tail Gear & Doors						
	Carry out extension & retraction of L/G						
	Replace main wheel						
	Steering operational check						
	Position , Warning, & Ground Safety Switch						
	Supplementary Gear –						
	Check/test emergency blowdown (emergency landing gear extension)						
	Operational test of the parking brake system						
	MLG shock strut extension inspection						
	NLG shock strut extension inspection						
	Check tyre pressures						
	Assist or explain replacement of seals on shock strut						
	Prepare airplane for landing gear retraction extension operation						
	Perform functional test of anti skid system						
	Bleed hydraulic brakes						
	Assess shock strut fluid level and recharge if required						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
34	Navigation						
	Troubleshoot faulty system						
	Inspect electrical cable looms and bundles and correct them if necessary						
	Replacement of Attitude & Direction comp						
	Operational test of Air data computer						
	Operational test of Independent Position Determining GPS						
	Functional check weather radar						
	Leakcheck of pitot and static system						
	Carry out Navigation operational test						
	Carry out transponder operational system test						
	Carry out DME operational system test						
	ADF op syst test						
	Functional check TCAS						
	Functional check TAWS						
	Functional check inertial navigation system						
	Replacement of Fluxvalve						
	Replacement of AHRS computer						
	Replacement of DG gyro						
	Replacement of VG gyro						
	Perform a typical avionic test using a test equipment						
	Carry out bonding and insulation tests						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
38	Water / Waste						
	Troubleshoot system						
	Assist in servicing of toilet and potable water system (if installed)						
	Operational test of system						
	Replenish potable water						
	Inspect toilet and galley units for serviceability						
	Replace water pump.						
	Replace tap.						
	Inspect waste bin flap closure.						
	Replace toilet pump.						
39	Electrical – Electronic panels & multipurpose components						
	General						
	Instrument & Control Panels						
	Electrical & Electronic Equipment Racks						
	Electrical & Electronic Junction Boxes						
	Multipurpose Electronic Components						
	Integrated Circuits						
	Printed Circuit Card Assemblies						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
44	Cabin systems						
	Cabin Systems (if CS available: Run a functional test)						
45	Central maintenance system (CMS)						
	General						
	CMS / Aircraft General						
	CMS / Airframe Systems						
	45 Central Maintenance Systems						
	CMS / Airframe Systems						
	CMS / Structures						
	CMS / Propellers						
CMS / Power Plant							
Retrieve data from central maintenance system (CMS, if installed)							

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
49	Airborne auxiliary power						
	Operational test of the APU						
	Replacemnet of the APU						
	Troubleshooting the APU system						
	Engine Fuel & Control						
	Ignition / Starting						
	Air						
	Engine Controls						
	Indicating						
	Exhaust						
	Oil						
51	Standard practices & structures - general						
	Carry out assessment of damage						
	Investegation, Cleanup & Aerodynamic Smoothness						
	Carry out treatment of corrosion						
	Replacement of anchournuts						
	Replacement of Fasteners						
	Support of Airplane for Repair & Aligment procedures						
	Control – Surface Balancing						
	Carry out Repairs						
Carry out Electrical Bonding							

Basic Practical Experience Logbook

	Demonstrate the procedure for a structural inspection (from nose to tail)						
	Check door seals and replace them, if required						
	Sheet metal repair.						
	Fibre glass repair.						
	Wooden repair.						
	Recover fabric control surface.						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
52	Doors						
	Troubleshooting of door warning system						
	Inspect Passenger / Crew						
	Inspect Emergency Exit						
	Inspect Cargo door						
	Inspection of doorseals						
	Replacement of doorseals						
	Inspect Entrance Stairs						
	Door Warning operational check						
	Remove and install emergency exit						
	Passenger / Crew						
53	Fuselage						
	General						
	Main Frame						
	Auxiliary Structure						
	Plates - Skin						
	Attach Fittings						
	Aerodynamic Fairings						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
54	Nacelles / Pylons						
	General						
55	Stabilizers						
	General						
	Horizontal Stabilizer / Stabilator or Canard						
	Elevator - Elevon						
	Vertical Stabilizer						
	Rudder - Rudevator						
	Attach Fittings						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
61	Propellers / Propulsors						
	Replacement of propeller						
	Propeller slipping maintenance						
	Replacement of prop governor						
	Prop brake maintenance						
	Troubleshooting prop heating system						
	Prop brushblock maintenance						
	Rigging of propeller control levers						
	Inspection of slipping						
	Brush Block replacement						
	Check propeller de-icing system and components						
	Replace prop heater boots						
	Perform propeller lubrication						
	Apply anti erosion tape						
	Assist propeller static balancing						
	Assist propeller dynamic balancing						
	Demonstrate adjustment of propeller RPM						
	Demonstrate propeller synchronising procedure with synchrophasing equipment						
	Check propeller de-icing system and components						
	Check propeller track						
	Check propeller for holes/nicks/dents in the blade						
	Prop beta tube replacement						
	Rig the constant speed prop governor						
	Replacement of prop control cable						

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ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
63	Main rotor drive(s)						
	Replace mast.						
	Engine / Gearbox Couplings						
	Replace drive coupling.						
	Replace clutch/freewheel unit						
	Replace drive belt.						
	Install main gearbox.						
	Overhaul main gearbox.						
	Check gearbox chip detectors.						
	Mounts, Attachments						
	Indicating						
64	Tail rotor						
	Install rotor assembly.						
	Install Rotor Blades						
	Rotor Head						
	Feneston						
	Indicating						
	Check Track						
	Check Vibration						

Basic Practical Experience Logbook

ATA CHAP	Task area	Aircraft type / category	Aircraft reg	Workorder/Log seq	Work carried out and reference to approved data (AMM)	Date work performed	Signature & Licence No.
76	Engine controls						
	Replacement of power lever cables						
	Power control						
	Emergency shutdown						
	Replacemnet of throttle quadrant						
	Inspect and assess condition of bowden cables I flexible control cables (flex ball cables)						
	Rig engine power lever / throttle control						
	Rig engine fuel lever control						
	Rig fuel mixture control						
77	Engine indicating						
	Visual check of engine indication system						
	Perform functional test on power indication systems						
	Perform functional test on temperature indication systems						
	Demonstrate replacement of thermocouple I temperature sensor						
	Troubleshoot integrated Engine Instrument Systems						
	Assist replacement of temperature, pressure or flow indication components						
	Perform vacuum pump check						

Basic Practical Experience Logbook

	Demonstrate replacement of temperature sensor						
	Replace EGT probe						
	Replace CHT probe						
	Replace engine instruments						

