



Australian Government
Civil Aviation Safety Authority

OFFICIAL

Part 66 Modular Licence Basic Practical Experience Logbook



December 2023

OFFICIAL



Acknowledgement of country

The Civil Aviation Safety Authority (CASA) respectfully acknowledges the Traditional Custodians of the lands on which our offices are located and the places to which we travel for work. We also acknowledge the Traditional Custodians' continuing connection to land, water and community. We pay our respects to Elders, past and present.

Inside front cover artwork: James Baban.

Document number	CASA-04-6693
Version	1.0 – December 2023
Approval Tier	Three
Owner	Branch Manager, Airworthiness & Engineering
Responsible Area Manager	Manager, Airworthiness Standards



© Civil Aviation Safety Authority

All material presented in this Guidance document is provided under a Creative Commons Attribution 4.0 International licence, with the exception of the Commonwealth Coat of Arms (the terms of use for the Coat of Arms are available from the [It's an Honour website](#)). The details of the relevant licence conditions are available on the Creative Commons website, as is the full legal code for the CC BY 4.0 license.



Attribution

Material obtained from this document is to be attributed to CASA as:

© Civil Aviation Safety Authority 2023.

This document becomes an uncontrolled document when printed. Refer to [Document Catalogue](#) for current version.

This document contains guidance material intended to assist CASA officers, delegates and the aviation industry in understanding the operation of the aviation legislation. However, you should not rely on this document as a legal reference. Refer to the civil aviation legislation including the Civil Aviation Act 1988 (Cth), its related regulations and any other legislative instruments—to ascertain the requirements of, and the obligations imposed by or under, the law.



Contents

Introduction	6
Background	6
Basic Skills – Basic Knowledge Modules Tasks	6
The logbook holder Responsibility	6
The Assessor/Supervisor Responsibility	7
Practical Maintenance Experience	7
Relevant ATA Chapters and Typical Maintenance Tasks (Appendix A)	7
Variety and Complexity of Practical Maintenance Experience	7
Practical Maintenance Experience Logbook	8
The Logbook Holder Responsibility	8
The Supervisor Responsibility	8
Part 1 – Personal Information	10
Personal Data	10
Licence Category applied for	10
Employment Record	11
Practical Maintenance Experience Duration Checklist	13
Part 2 – Basic Skills Practical Experience – Common Tasks	16
Basic Knowledge Module 7 - Maintenance Practices Tasks List for Category B1 & B2 (Initial Issue)	16
Subpart 3A – Basic Skills Practical Experience – Specific Tasks	33
Basic Knowledge Modules Tasks List for Subcategory B1.1 or B1.2 Airframe (aeroplanes)	33
Practical Maintenance Experience (on operating aircraft) Subcategory B1.1 or B1.2 Airframe (aeroplanes)	55
Subpart 3B – Basic Skills Practical Experience – Specific Tasks	60
Basic Knowledge Modules Tasks List for Subcategory B1.3 or B1.4 Airframe (helicopters)	60
Practical Maintenance Experience (on operating aircraft) Subcategory B1.3 or B1.4 Airframe (helicopters)	74



Subpart 4A – Basic Skills Practical Experience – Specific Tasks	80
Basic Knowledge Modules Tasks List for Subcategory B1.1 or B1.3 Powerplant (turbine)	80
Practical Maintenance Experience (on operating aircraft) Subcategory B1.1 or B1.3 Powerplant (turbine)	96
Subpart 4B – Basic Skills Practical Experience – Specific Tasks	101
Basic Knowledge Modules Tasks List for Subcategory B1.2 or B1.4 Powerplant (piston)	101
Practical Maintenance Experience (on operating aircraft) Subcategory B1.2 or B1.4 Powerplant (piston)	112
Part 5 – Basic Skills Practical Experience – Specific Tasks	118
Basic Knowledge Modules Tasks List for Subcategories B2 (Electrical / Instrument / Radio) (E / I / R)	118
Practical Maintenance Experience (on operating aircraft) Subcategories B2 (Electrical / Instrument /Radio)	143



Introduction

Background

This Part 66 Basic Practical Experience Logbook for a Modular Licence has been developed by the Civil Aviation Safety Authority (CASA) of Australia as the means of recording basic skills and practical maintenance experience, to support an application to CASA for the initial issue of, or addition of, a category or subcategory to a Part 66 aircraft engineer modular licence.

The Logbook, is divided into five parts:

- Part 1 – Personal Information
- Part 2 – Basic Skills Practical Experience – (Common Tasks) – Module 7 Maintenance Practices (B1/B2 Initial Issue Licence)
- Part 3 – Basic Skills Practical Experience – (Specific Tasks) – B1 Airframe (aeroplanes & helicopters)
- Part 4 – Basic Skills Practical Experience – (Specific Tasks) – B1 Powerplant (turbine & piston)
- Part 5 – Basic Skills Practical Experience – (Specific Tasks) – B2 (Electrical / Instrument / Radio)

All relevant parts of the logbook must be completed to demonstrate attainment of the basic skills and practical maintenance experience requirements for the category or subcategory of licence being applied for, in accordance with section 66.A.30 of the Part 66 Manual of Standards (MOS).

Basic Skills – Basic Knowledge Modules Tasks

The logbook holder Responsibility

The logbook holder is to ensure that:

- At least 80% of the basic skills tasks (listed in the relevant part of the logbook) in each relevant Part 66 knowledge module reference have been performed for the licence being applied for.
- Each task performed by the applicant has been supervised and signed by either an assessor, supervisor, or an authorised person at the time the basic skills task is performed.

Note: *It is important to note that the logbook holder may not certify their own entries in the logbook.*

- Each page of the logbook book requires the name, signature and ARN of the logbook holder (this is for traceability and identification purposes).
- Not performed tasks should be left open.



The Assessor/Supervisor Responsibility

When signing for the completion of common or specific basic skills tasks, the Assessor, Supervisor, or other appropriate individual authorised by CASA, shall ensure that the logbook holder has successfully completed the task under supervision and is able to:

- identify the appropriate maintenance documentation standards;
- select and use the correct tools required to accomplish the task/process.

Practical Maintenance Experience

The practical maintenance experience in each part of the logbook is to be used by an applicant to record their achievement of practical maintenance experience on operating aircraft to support an application for the initial issue of a licence, or the addition of a category or sub-category to an existing licence.

Relevant ATA Chapters and Typical Maintenance Tasks (Appendix A)

Appendix A of the logbook provides guidance to an applicant on relevant ATA chapters and suggested maintenance tasks which may be undertaken to demonstrate the required practical maintenance experience in the category or sub-category of licence being applied for.

Variety and Complexity of Practical Maintenance Experience

The logbook entries within the various related ATA chapters must show a sufficient undertaking of variety and complexity of tasks that would broadly cover all maintenance tasks as documented within maintenance manuals, which could be achieved within a maintenance environment. The following “type of task” activities are considered relevant for practical maintenance experience:

- **INSP** – Inspection
- **REP** – Repair
- **R/I** – Removal / Installation
- **TS** - Troubleshooting & rectification
- **FOT** - Functional / Operational Test
- **SGH** - Service and Ground Handling

Logbook entries must be to the extent that it would be reasonable to consider that the applicant possesses a broad understanding of the relevant ATA chapters maintenance task areas and has gained practical maintenance experience on the relevant category or sub-category of licence, which they are seeking to be granted. For requirements of recent experience gained on aircraft, refer to section 66.A.30 of the Part 66 MOS.



Practical Maintenance Experience Logbook

The applicant is to ensure that the logbook should be kept as whole. CASA will only accept an electronic version of the whole logbook. You may need to add additional Practical Maintenance Experience Logbook pages as required

- Insert a sequential page number in the footer of each added page to show continuity in experience and for tracking purposes.
- Insert ATA number, ATA title of the ATA chapter
- Use a single page per ATA chapter (or additional pages when needed) to document the practical maintenance experience
- Put your name, signature and ARN on each page.

The Logbook Holder Responsibility

When compiling practical maintenance experience in the logbook, the applicant must consider the following:

1. All entries in this part of the logbook shall be made in black ink.
2. Avoid making multiple recordings of the same task as this will not satisfy the total experience requirements.
3. The recorded entries in each related ATA chapter must be of sufficient variety and complexity.
4. Each task must be performed by the applicant under supervision of a supervisor directly responsible for the task being carried out.

The applicant must continue recording experience in all related ATA chapters until they are ready to make the application for a licence.

The Supervisor Responsibility

The person verifying entries in the logbook must be an appropriately qualified CASR Part 66 Aircraft Engineer Licence holder, who has supervised the logbook holder's undertaking of the maintenance task and who also holds the privileges of the licence in the category/subcategory.

- Each entry in the practical maintenance experience logbook must be signed by a supervisor directly responsible for the task being carried out.
- Each task must be signed on the date when the maintenance activity was carried out.
- When verifying the completion of specific tasks, the supervisor's signature is confirmation that the logbook holder has successfully completed the task and is able to:
 - subsequently perform the task correctly and in accordance with the approved data; and
 - has completed the necessary maintenance documentation for the task correctly.

Note: Applicants, and those verifying the logbook entries, are to note that all entries made in the logbook must be able to be verified by supporting documentation if requested by CASA



Part 1

Personal Information



Part 1 – Personal Information

Personal Data

First Name:	Surname:
ARN:	Phone Number:
Present address: (* Record changes of address overleaf)	
Post code:	

“Privacy Statement: Any personal information you provide to CASA is protected by the Privacy Act 1988 (Cth). CASA can only collect, use, and disclose that information in accordance with that Act. CASA will use the information collected in this form for purposes associated with performing its functions under the Civil Aviation Act 1988, the Airspace Act 2007, the Aviation Transport Security Act 2004, or the regulations made under those Acts. For full details on how CASA collects, protects, and uses personal information, please refer to CASA’s Privacy Policy.”

Licence Category applied for: *circle your category or sub-category.*

Category B1 modular licences				
B1.1 / B1. Airframe (Aeroplane)	B1.3 / 1.4 Airframe (Helicopter)	B1.1 / B1.3 Powerplant (Turbine)	B1.2 / B1.4 Powerplant (Piston)	B1 Electrical Systems

Category B2 modular licences		
B2 Electrical Systems	B2 Instrument Systems	B2 Radio Systems



Employment Record

Employer 1:		
From:	To:	Position:
Nature of duties:		
Types of aircraft or other products:		
Confirmed by: Signature:	Position in Company:	Date:

Employer 2:		
From:	To:	Position:
Nature of duties:		
Types of aircraft or other products:		
Confirmed by: Signature:	Position in Company:	Date:

Employer 3:		
From:	To:	Position:
Nature of duties:		
Types of aircraft or other products:		
Confirmed by: Signature:	Position in Company:	Date:



Employer 4:		
From:	To:	Position:
Nature of duties:		
Types of aircraft or other products:		
Confirmed by: Signature:	Position in Company:	Date:

Employer 5:		
From:	To:	Position:
Nature of duties:		
Types of aircraft or other products:		
Confirmed by: Signature:	Position in Company:	Date:

Employer 6:		
From:	To:	Position:
Nature of duties:		
Types of aircraft or other products:		
Confirmed by: Signature:	Position in Company:	Date:

***Add additional pages if required**



Practical Maintenance Experience Duration Checklist

Applicant to fill in the experience duration checklist of the practical maintenance experience according to the instruction below.

Year/Month																
January																
February																
March																
April																
May																
June																
July																
August																
September																
October																
November																
December																

Instructions:

- Each box in the table represents one week.
- A minimum of 2 entries in the logbook during the week are counted as one week.
- Enter an "X" for each week that has a minimum of two entries of relevant experience.
- Enter year in the top row as shown in the example below.

Example

Year/Month	2021			2022			2023		
January	X	X		X	X	X			
February	X						X	X	

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Date:



CASA (MPL) Assessment Record (CASA use only)			
Date	Assessed element of the logbook	MPL Assessor name	MPL Assessor signature



Part 2

Basic Skills Practical Experience (Common Tasks)

Basic Knowledge Module 7 – Maintenance Practices Tasks List for Category B1 Licence - (Initial Issue) Category B2 Licence - (Initial Issue)



Part 2 – Basic Skills Practical Experience – Common Tasks

Basic Knowledge Module 7 - Maintenance Practices Tasks List for Category B1 & B2 (Initial Issue)

At least 80% of the basic skills tasks (listed in the following table) in each relevant Part 66 knowledge module reference must be performed for the licence being applied for.

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
1.	7.1	Identify existing and potential hazards and demonstrate safe working practices when working with moving surfaces, propellers, rotors, intakes, exhausts, heat, and noise.	INTIAL	B1	B2			
2.	7.1	Demonstrate safety precautions when working with electricity, fluids, gasses, oxygen, and chemicals.	INTIAL	B1	B2			
3.	7.1	Describe fire types and demonstrate the identification and use of fire extinguishing agents on different types of fire.	INTIAL	B1	B2			
4.	7.2	Identify hazards in workshop environment and demonstrate safe working practices	INTIAL	B1	B2			
5.	7.2	Describe and demonstrate proper care and control of tools.	INTIAL	B1	B2			
6.	7.2	Demonstrate to check the condition and validity of calibration of tools and test equipment.	INTIAL	B1	B2			
7.	7.2	Identify unsafe or faulty tools and equipment and mark them for repair according to organisational procedures	INTIAL	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
8.	7.3	Select, and use general purpose hand tools, including spanners, screwdrivers, pliers, hammers, cutting devices, files, punches, drills and marking out tools	INITIAL	B1	B2			
9.	7.3	Demonstrate use of precision measuring tools e.g., rulers, combination sets, dividers, calipers, micrometers, verniers and squares.	INITIAL	B1	B2			
10.	7.3	Measure shafts, bores, flanges, and adjacent surfaces using precision measuring tools.	INITIAL	B1	-			
11.	7.3	Identify, select, and use feeler, slip, limit, go / no go gauges.	INITIAL	B1	B2			
12.	7.3	Lockwire aircraft components, devices, and hardware in the correct manner, using the appropriate wire gauge	INITIAL	B1	B2			
13.	7.3	Demonstrate to install aircraft hardware to ensure safety and security by using split pins, locking tabs, spring washers and lock nuts	INITIAL	B1	B2			
14.	7.3	Identify, inspect, and operate portable and fixed power and machine tools including drills, presses, grinders, sanders, shears, and pan breaks	INITIAL	B1	-			
15.	7.3	Demonstrate to calculate, adjust, set, and use torque wrenches.	INITIAL	B1	B2			
16.	7.3	Demonstrate to calculate, reading scales and setting up of torque wrenches with extension.	INITIAL	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
17.	7.3	Use basic tools and equipment for: cutting, forming, and joining commonly used materials. (Ferrous and non-ferrous).	INTIAL	B1	-			
18.	7.3	Using appropriate tool, measure the pitch of some screw threads	INTIAL	B1	-			
19.	7.3	Demonstrate how to remove a sheared screw	INTIAL	B1	B2			
20.	7.3	Fit and remove thread inserts.	INTIAL	B1	-			
21.	7.3	Drill and tap a threaded hole.	INTIAL	B1	-			
22.	7.3	Drill and ream perpendicular holes in ferrous material.	INTIAL	B1	-			
23.	7.3	Drill and ream perpendicular holes in non-ferrous material.	INTIAL	B1	-			
24.	7.3	determine correct lubricants for specified applications.	INTIAL	B1	-			
25.	7.3	Identify, inspect and use of oil and grease lubrication tools for lubricating various aircraft parts	INTIAL	B1	-			
26.	7.3	Use test meters to measure volts, amps, and resistance in practical task circumstances	E1, E4, E5	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
27.	7.3	Using multimeter, check an aircraft electrical circuit for continuity and resistance in conjunction with an electrical wiring diagram	E1, E4, E5	B1	B2			
28.	7.3	Using megger, check an aircraft electrical circuit for insulation resistance in conjunction with an electrical wiring diagram	E1, E4, E5	B1	B2			
29.	7.4	Carry out various aircraft system LRU tests using built in test equipment (BITE)	INTIAL	B1	B2			
30.	7.4	Using a pitot/static tester, conduct a leak check to confirm the serviceability of an aircraft pitot/static system.	INTIAL	B1	B2			
31.	7.5	Identify and access manuals and drawings appropriate to type of aircraft or component to be maintained	INTIAL	B1	B2			
32.	7.5	Establish amendment status to ensure correct specifications and procedures are applied	INTIAL	B1	B2			
33.	7.5	Locate relevant chapter or section of manual or drawing that relates to maintenance work to be carried out	INTIAL	B1	B2			
34.	7.5	Analyse information and determine procedures to be followed during the activity	INTIAL	B1	B2			
35.	7.5	Demonstrate familiarity with ATA 100 specs and ISO, AN, MS, NAS, MIL standards	INTIAL	B1	B2			
36.	7.5	Identify correct part numbers, serial numbers and modification status from an aircraft illustrated parts catalogue or overhaul component manual	INTIAL	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
37.	7.5	Demonstrate correct reading and interpretation of electrical wiring diagrams, including the symbols used	E1, E4, E5	B1	B2			
38.	7.5	Demonstrate correct reading and interpretation of graphs and charts used in the aircraft manuals	INTIAL	B1	B2			
39.	7.5	Access and Analyse information from drawings and diagrams in aircraft maintenance manuals, SBs and SRM	INTIAL	B1	B2			
40.	7.6	Use a range of hand tools and power tools to achieve a dimensional accuracy of ± 0.010 in/ 0.25 mm	INTIAL	B1	-			
41.	7.7	Carry out bonding tests for equipment bonding, metallic surface bonding and static bonds	E1, E4, E5	B1	B2			
42.	7.7	Select and use appropriate wire stripping tool to strip various gauge of aircraft copper and aluminium wires	E1, E4, E5	B1	B2			
43.	7.7	Demonstrate to select, crimp, and install terminal lugs to different gauge of copper and aluminium wires	E1, E4, E5	B1	B2			
44.	7.7	Demonstrate to select and splice pre and post insulated splices to different gauge of aircraft wires	E1, E4, E5	B1	B2			
45.	7.7	Using approved documents, identify various aircraft electrical connectors class, contact style, insert arrangement and polarization	E1, E4, E5	B1	B2			
46.	7.7	Using approved documents, identify various aircraft electrical terminal blocks class, contact style, insert arrangement	E1, E4, E5	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
47.	7.7	Demonstrate insertion / extraction of electrical inserts (pins and sockets) in a variety of electrical connectors using associated insertion/extraction tools.	E1, E4, E5	B1	B2			
48.	7.7	Perform replacement of different types of aircraft electrical connectors	E1, E4, E5	B1	B2			
49.	7.7	Select appropriate crimping tools, crimp, and terminate various types of pins/sockets in aircraft electrical connectors	E1, E4, E5	B1	B2			
50.	7.7	Inspect coaxial cable installations to prevent damage, correct the cause if necessary	E1, E4, E5	B1	B2			
51.	7.7	Check the integrity of coaxial cables using ohmmeter	E1, E4, E5	B1	B2			
52.	7.7	Inspect electrical looms and harness to ensure minimum bends are maintained, cable is not in tension, plugs are correctly aligned and no chaffing of insulation	E1, E4, E5	B1	B2			
53.	7.7	Demonstrate familiarity with aircraft wiring specifications and standards	E1, E4, E5 (E44)	B1	B2			
54.	7.7	Replace various types of aircraft wires by identifying the part number or alternate part number type and class of wire.	E1, E4, E5 (E44)	B1	B2			
55.	7.7	Inspect, check the damage tolerance, and repair aircraft wiring damage as per aircraft wiring specification manual	E1, E4, E5 (E44)	B1	B2			
56.	7.7	Demonstrate to interpret and mark the aircraft wires or cables using direct and indirect methods of marking	E1, E4, E5	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices	Aircraft systems/exclusions	B1	B2			
57.	7.7	Prepare and terminate a wire loom as per the standard wiring practices manual using crimping / soldering techniques	E1, E4, E5 (E44)	B1	B2			
58.	7.7	Inspection of cables and wire bundle installations through the bulkhead holes	E1, E4, E5	B1	B2			
59.	7.7	Identify, inspect, and replace various types of wiring clamps used in high vibration, low vibration, and hot areas of the aircraft	E1, E4, E5	B1	B2			
60.	7.7	Demonstrate wiring protection techniques including sleeving and heat shrink wrapping	E1, E4, E5	B1	B2			
61.	7.7	Perform General Visual Inspection (GVI) of wiring installations at the wheel bays, wings, engines, pylon, and nacelle areas	E1, E4, E5	B1	B2			
62.	7.7	Perform wiring repairs at the wheel bays and wing areas	E1, E4, E5 (E44)	B1	B2			
63.	7.7	Perform wiring repairs at engines and pylon areas	E1, E4, E5 (E44)	B1	B2			
64.	7.8	Use hand & power tools to position and drill rivet holes to an accuracy of $\pm 0.030\text{ins}/0.75\text{mm}$	E2	B1	-			
65.	7.8	Identify a range of solid and blind rivets and fasteners	E2	B1	-			
66.	7.8	Identify, select, and use a range of rivet setting equipment	E2	B1	-			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
67.	7.8	Set a range of raised and countersunk rivets in aluminium sheet using various methods	E2	B1	-			
68.	7.8	Select and use a range of appropriate rivet closing tools	E2	B1	-			
69.	7.8	Perform inspection; identify faulty rivet settings (aircraft structure)	E2 (E35)	B1	-			
70.	7.8	Remove defective rivets without causing further damage to skin	E2 (E35)	B1	-			
71.	7.8	Select and install oversize rivets as instructed by Structure Repair Manual (SRM)	E2 (E35)	B1	-			
72.	7.8	Set a range of different fasteners in aluminium sheet	E2 (E35)	B1	-			
73.	7.9	Replace & test flexible hose including clamps and brackets	INTIAL	B1	-			
74.	7.9	Bend, replace and test a rigid pipe, including clips and brackets	INTIAL	B1	-			
75.	7.9	Demonstrate the correct way to tighten pipes and hoses	INTIAL	B1	-			
76.	7.10	Discuss methods for inspection and testing of springs	INTIAL	B1	-			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
77.	7.11	Inspect roller bearing for wear and damage	INTIAL	B1	-			
78.	7.11	Use a puller to remove a bearing, repack with grease and install	INTIAL	B1	-			
79.	7.12	Inspect screw jacks, levers, push-pull rod, belts, pulleys, chain, and sprocket	INTIAL	B1	-			
80.	7.12	Test and adjust gear backlash in accordance with manufacturer's instructions	INTIAL	B1	-			
81.	7.13	Identify aircraft control cables and related cable system hardware like turnbuckles, end fittings, tensiometers, pulleys, cable system components, and aircraft flexible control systems	INTIAL	B1	-			
82.	7.13	Assemble and connect aircraft control cables, applying safety locking devices where applicable	INTIAL	B1	-			
83.	7.13	Inspect and assess condition of Bowden cables and Teleflex cables	INTIAL	B1	-			
84.	7.13	Demonstrate swaging of control cable end fitting	E2	B1	-			
85.	7.13	Perform a rigging procedure of control cables with tensiometer	E2	B1	-			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	B1	B2			
	Module 7	Maintenance practices						
86.	7.14	Identify alclad sheeting by part number	E2	B1	-			
87.	7.14	Use a range of hand tools, folding and bending machines and guillotine to shape aluminium alloy to an accuracy of ± 0.5 mm x of bend angle, ± 0.030 ins / 0.075mm	E2	B1	-			
88.	7.14	Interpret engineering drawings and calculate size of material required to produce a component of material with one or more bends.	E2	B1	-			
89.	7.14	Demonstrate removal of corrosion and re-protection on an aluminium sheet	E2	B1	-			
90.	7.14	Cut and shape sheet metal material to required profile, finish edges and deburr using approved procedures.	E2	B1	-			
91.	7.14	Demonstrate use of correct fastener size and type	E2	B1	-			
92.	7.14	Perform correct removal and installation of solid or blind fastener	E2	B1	-			
93.	7.14	Perform correct removal and installation of hi lock/ taper lock type fastener	E2	B1	-			
94.	7.14	Perform correct procedure for fastener oversize.	E2	B1	-			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
95.	7.14	Identify the characteristics and properties of common composite and non-metallic materials	E2	B1	-			
96.	7.14	Identify a range of sealing and bonding agents used in composite and non-metallic material	E2	B1	-			
97.	7.14	Explain methods to detect defects/deterioration in composite and non-metallic material	E2	B1	-			
98.	7.14	Perform repair of composite structure	E2	B1	-			
99.	7.14	Perform a tap test of composite material and identify de-bonding	E2	B1	-			
100.	7.15	Perform simple soldering tasks	E1, E4, E5	B1	B2			
101.	7.15	Solder cables to single and multipin connectors and inspection of joints	E1, E4, E5	B1	B2			
102.	7.15	Inspect and discuss welded and brazed joints	INTIAL	B1	-			
103.	7.15	Discuss structure bonding methods, adhesive and sealant used, and inspection of bonded joints	INTIAL (E35)	B1	-			
104.	7.16	calculate the effect on aircraft weight and centre of gravity of components installed during modification incorporation using weight and moment arm data	E2	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
105.	7.16	Perform/discuss updating load data sheet after change in weight and CG due to aircraft alteration/modification	E2	B1	B2			
106.	7.16	Prepare aircraft for weighing	E2	B1	-			
107.	7.16	Participate in weighing an aircraft in accordance with the applicable AMM procedure.	E2	B1	-			
108.	7.17	Perform aircraft tiedown procedure	INTIAL	B1	B2			
109.	7.17	Participate in Jacking of an aircraft	INTIAL	B1	B2			
110.	7.17	Perform Park, chock, and ground aircraft	INTIAL	B1	B2			
111.	7.17	Assist in aircraft engine starting and discuss safety precautions and identify safety hazards	INITIAL E3	B1	B2			
112.	7.17	Perform/Discuss long term parking and discuss aircraft storage methods	INTIAL	B1	B2			
113.	7.17	Assist in the towing of an aircraft and discuss safety precautions	INTIAL	B1	B2			
114.	7.17	Perform refueling/defueling of aircraft	INTIAL	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
115.	7.17	Perform fuel contamination check before and after refueling of the aircraft	INTIAL	B1	B2			
116.	7.17	Assist de-icing/anti-icing procedures	INTIAL	B1	-			
117.	7.17	Check & replenish oil and hydraulic systems	INTIAL	B1	B2			
118.	7.17	Replenish oxygen system	E2 (E41)	B1	-			
119.	7.17	Connect and use external air supply (if adapter installed)	INTIAL	B1	B2			
120.	7.17	Connect and use external electrical power	INTIAL	B1	B2			
121.	7.18	Using maintenance documentation, identify specific aircraft inspection requirements	INTIAL	B1	B2			
122.	7.18	Perform visual inspection of aircraft structure and recognise for signs of deformation defects or damage like impact damage, fatigue cracking and corrosion, in accordance with maintenance documentation	E2 (E35)	B1	-			
123.	7.18	Perform corrosion removal, assessment and re-protection on an aircraft part	E2 (E35)	B1	-			
124.	7.18	Perform an assessment of aircraft structure damage using the aircraft structural repair manual (SRM) and determine the repair scheme in accordance with SRM	E2 (E35)	B1	-			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
125.	7.18	Perform blending of damaged aircraft skin or structure within dimensional accuracy of ± 0.010 in/ 0.25 mm	E2 (E35)	B1	-			
126.	7.18	Perform non-destructive inspections (e.g., penetrant inspection)	INTIAL	B1	-			
127.	7.18	Perform borescope inspection of engine	E3	B1	-			
128.	7.18	Disassembly and assembly of an aircraft part using overhaul manual	INTIAL	B1	B2			
129.	7.18	Identify the life limited parts and replace	INTIAL	B1	B2			
130.	7.18	Demonstrate proficiency in troubleshooting techniques using the cost effective and logical approach	INTIAL	B1	B2			
131.	7.19	Perform unscheduled maintenance inspection in an event of a lightning strike. Show the inspection procedure and required action in accordance with AMM	INTIAL	B1	-			
132.	7.19	In an abnormal event of hard / overweight landing, show the unscheduled inspection procedure and required action according to AMM	E2	B1	-			
133.	7.19	In an abnormal event of flight through severe turbulence, show the unscheduled inspection procedure and required action according to AMM	E2	B1	-			
134.	7.19	Discuss/ demonstrate how to inspect aircraft areas for High Intensity Radiated Field (HIRF) protection.	E8	-	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
135.	7.20	Demonstrate familiarity with CASA Maintenance Schedule and Operator's Maintenance Program	INTIAL	B1	B2			
136.	7.20	Plan and perform a modification on the aircraft for the compliance of airworthiness directive and service bulletins	INTIAL	B1	B2			
137.	7.20	Describe the store procedures for material storage and correct handling of materials and parts	INTIAL	B1	B2			
138.	7.20	Explain the separation procedure for flammable materials, Oil, Hydraulic, oxygen and nitrogen	INTIAL	B1	B2			
139.	7.20	Identify task requirements, Plan to complete, and document maintenance activities accurately and clearly according to regulatory and organisational procedures	INTIAL	B1	B2			
140.	7.20	Review of aircraft records for compliance with Airworthiness Directives and information of a Specific Airworthiness Directives.	INTIAL	B1	B2			
141.	7.20	Review of aircraft records for compliance with aircraft manufacturer information and service bulletins and letters/information	INTIAL	B1	B2			
142.	7.20	Demonstrate referring to the relevant manufacturer documentation (Maintenance Manual) when performing a specific maintenance task.	INTIAL	B1	B2			
143.	7.20	Demonstrate familiarity with the certification procedure of defects in the technical logbook	INTIAL	B1	B2			
144.	7.20	Participate in deferring a defect using the procedure in minimum equipment list (MEL)	INTIAL	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	B1	B2			
	Module 7	Maintenance practices						
145.	7.20	Determine maintenance requirements, identify resources, analyse maintenance tasks, and prioritise to ensure the timely and efficient completion of maintenance tasks	INTIAL	B1	B2			
146.	7.20	Participate in completion of all scheduled and unscheduled maintenance activities and close-up of documentation following a maintenance check	INTIAL	B1	B2			
147.	7.20	Using maintenance data and manuals to determine flight servicing requirements and procedures, to ensure that the specific aspects of the aircraft flight servicing are checked, understood, and complied with	INTIAL	B1	B2			
148.	7.20	Demonstrate familiarity with the requirements and issue of maintenance certifications and Certificates of Release to Service for the aircraft or aeronautical products	INTIAL	B1	B2			
149.	7.20	Detect and report defects in the quality system and workplace hazards according to standard procedures and complete the process documentation accurately and clearly	INTIAL	B1	B2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 3

Basic Skills Practical Experience (Specific Tasks)

for

Category B1 (Airframe) Modular Licences

Subpart 3A – Subcategory B1.1 or B1.2 Airframe (aeroplanes)

Basic Knowledge Modules Tasks List

Practical Maintenance Experience (on operating aircraft)

Subpart 3B – Subcategory B1.3 or B1.4 Airframe (helicopters)

Basic Knowledge Modules Tasks List

Practical Maintenance Experience (on operating aircraft)



Subpart 3A – Basic Skills Practical Experience – Specific Tasks

Basic Knowledge Modules Tasks List for Subcategory B1.1 or B1.2 Airframe (aeroplanes)

At least 80% of the basic skills tasks (listed in the following table) in each relevant Part 66 knowledge module reference must be performed for the licence being applied for.

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
1.	11.2	Locate Aircraft Doors/Panels using zonal and station identification Method	E2	B1.1 B1.2			
2.	11.2	Discuss the procedure and precautions of aircraft exterior cleaning	E2	B1.1 B1.2			
3.	11.2	Perform Zonal visual inspection of fuselage skin/ structure	E2 (E35)	B1.1 B1.2			
4.	11.2	Perform zonal visual inspection of wing skin/structure	E2	B1.1 B1.2			
5.	11.2	Perform zonal visual inspection of stabilizer skin/ structure	E2	B1.1 B1.2			
6.	11.2	Perform conditional hard landing / lightning strike inspection	E2	B1.1 B1.2			
7.	11.3	Remove/ install main entry door	E2 (E35)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
8.	11.3	Perform rigging procedure of main entry door	E2 (E35)	B1.1 B1.2			
9.	11.3	Remove / install emergency exit door/hatch	E2 (E35)	B1.1 B1.2			
10.	11.3	Check main doors and emergency exit doors seal and replace, if required	E2 (E35)	B1.1 B1.2			
11.	11.3	Discuss procedure for cleaning / polishing windows	E2	B1.1 B1.2			
12.	11.3	Remove / install cockpit windshield	E2 (E35)	B1.1 B1.2			
13.	11.3	Remove/ install cabin window	E2 (E35)	B1.1 B1.2			
14.	11.3	Perform visual inspection of cockpit windshield for scratches, damage delamination etc.	E2	B1.1 B1.2			
15.	11.3	Remove / install passenger seat	E2	B1.1 B1.2			
16.	11.3	Remove/ install crew seat	E2	B1.1 B1.2			
17.	11.4	Remove and install air cycle machine (ACM)	E2 (E15)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
18.	11.4	Remove and install pack flow control valve	E2 (E15)	B1.1 B1.2			
19.	11.4	Remove/ install ACM primary heat exchanger	E2 (E15)	B1.1 B1.2			
20.	11.4	Remove /install temperature control valve	E2 (E15)	B1.1 B1.2			
21.	11.4	Functionally test air cycle air conditioning system IAW AMM for evidence of serviceability or malfunction	E2 (E15)	B1.1 B1.2			
22.	11.4	Locate air cycle air conditioning system faults, identify, and record the causes of the faults in maintenance documentation	E2 (E15)	B1.1 B1.2			
23.	11.4	Remove and install combustion heaters and inspection checks in accordance with maintenance manual	E2 (E15)	B1.1 B1.2			
24.	11.4	Remove/ install Vapor Cycle system blower motor assembly	E2 (E15 E14)	B1.1 B1.2			
25.	11.4	Perform compressor drive belt inspection and tension check in accordance with maintenance manual	E2 (E15 E14)	B1.1 B1.2			
26.	11.4	Test Vapour cycle air conditioning system for correct function and freedom from refrigerant leaks	E2 (E15 E14)	B1.1 B1.2			
27.	11.4	Remove / install various temperature sensors of air-conditioning system and check operation	E2 (E15 E14)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
28.	11.4	Remove and install pressure outflow valve/safety valve in accordance with maintenance manual	E2 (E16)	B1.1 B1.2			
29.	11.4	Remove and install cabin pressure controller in accordance with maintenance manual	E2 (E16)	B1.1 B1.2			
30.	11.4	Check operation of pressurisation system in accordance with maintenance manual	E2 (E16)	B1.1 B1.2			
31.	11.4	Identify air-conditioning and pressurisation system MMEL Requirements	E2 (E15, E16)	B1.1 B1.2			
32.	11.4	Troubleshoot faulty air-conditioning /pressurisation Systems and rectify defects	E2 (E16)	B1.1 B1.2			
33.	11.5	Assist calibration check of a pitot static system using a leak tester	No Privileges	B1.1 B1.2			
34.	11.5	Assist a remote compass / standby compass compensation swing and calculations	No Privileges	B1.1 B1.2			
35.	11.5	Locate flight data recorder and cockpit voice recorder and perform tests	E5, E6	B1.1 B1.2			
36.	11.5	Carry out VHF/HF/SELCAL system checks	E6	B1.1 B1.2			
37.	11.5	Perform flight and service interphone system check	E6	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
38.	11.5	Run BITE tests on these navigation systems: VOR, ADF, LOC/GS, Marker	E6	B1.1 B1.2			
39.	11.5	Run BITE tests on these navigation systems: DME, Radio Altimeter, TCAS, GPWS, ATC, GPS	E6	B1.1 B1.2			
40.	11.5	Remove / install emergency locator transmitter (ELT) and perform tests	E6	B1.1 B1.2			
41.	11.6	Remove/Refit main battery and perform system test according to AMM	E1	B1.1 B1.2			
42.	11.6	Perform Battery (Ni-Cad) Capacity Check	E1	B1.1 B1.2			
43.	11.6	Remove / install generator / alternator / IDG and run a functional test according to AMM	E1, E4	B1.1 B1.2			
44.	13.6	Perform operation test of electrical load shedding system according to AMM	E1 (E32)	B1.1 B1.2			
45.	13.6	Perform operation test of generator priority to AC bus according to AMM	E1 (E32)	B1.1 B1.2			
46.	11.6	Remove / install generator control unit and functional test according to AMM	E1 (E32)	B1.1 B1.2			
47.	11.6	Remove / install voltage regulators and functional test according to AMM	E1 (E32)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
48.	11.6	Remove / install transformer rectifier units (TRUs) and functional test according to AMM	E1 (E32)	B1.1 B1.2			
49.	11.6	Remove / install Generator Breakers (GB) / Bus Tie Breakers (BTB) and functional test according to AMM	E1 (E32)	B1.1 B1.2			
50.	11.6	Remove / install current transformers and functional test according to AMM	E1 (E32)	B1.1 B1.2			
51.	11.6	Remove / install rotary inverters / static inverter and perform operational test according to AMM	E1	B1.1 B1.2			
52.	11.6	Remove / install electrical control panel and perform operational test according to IAW AMM	E1	B1.1 B1.2			
53.	11.6	Replace Circuit Breaker using Electrical Standard Wiring Practices Manual	E1	B1.1 B1.2			
54.	11.6	Identify Electrical Power System MMEL Requirements	E1	B1.1 B1.2			
55.	11.6	Troubleshoot faulty Electrical Power System and rectify defects	E1 (E32)	B1.1 B1.2			
56.	11.7	Inspect cabin / cockpit emergency equipment for serviceability	E2	B1.1 B1.2			
57.	11.7	Inspect passenger seat belts and crew seat belt/harness for serviceability	E2	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
58.	11.7	Remove / install passenger seat belt	E2	B1.1 B1.2			
59.	11.7	Remove / install crew inertia harness seat belt	E2	B1.1 B1.2			
60.	11.7	Remove and refit passenger/crew seat	E2	B1.1 B1.2			
61.	11.7	Remove/ install cargo bay netting equipment	E2	B1.1 B1.2			
62.	11.7	Perform replacement of ovens, boilers, and beverage makers in the galley and test	E4	B1.1			
63.	11.8	Remove / install engine fire detector element IAW AMM	E2 (E4)	B1.1 B1.2			
64.	11.8	Perform inspection of engine fire detecting elements IAW AMM	INITIAL	B1.1 B1.2			
65.	11.8	Perform engine fire switch operation test IAW AMM	INITIAL	B1.1 B1.2			
66.	11.8	Replace engine fire extinguisher bottle squib and perform test	E4	B1.1 B1.2			
67.	11.8	Remove / install cargo smoke detector unit IAW AMM	E2 (E4)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
68.	11.8	Perform test of cargo smoke detection and warning system IAW AMM	E4	B1.1 B1.2			
69.	11.8	Perform test of cargo fire extinguishing system IAW AMM	E4	B1.1 B1.2			
70.	11.8	Perform test of lavatory smoke detection and warning system	E2 (E4)	B1.1 B1.2			
71.	11.8	Identify engine fire warning and cargo/lavatory smoke detection system MMEL Requirements	INITIAL	B1.1 B1.2			
72.	11.8	Troubleshoot faulty engine fire warning and cargo/lavatory smoke detection system and rectify defects	E4	B1.1 B1.2			
73.	11.8	Perform weight check on fire extinguisher bottles and replace, if necessary	INITIAL	B1.1 B1.2			
74.	11.9	Discuss precaution and safety measures required before operating flight control systems IAW the applicable AMM	INITIAL	B1.1 B1.2			
75.	11.9	Demonstrate awareness of independent (dual) inspection requirements associated with work on flight controls and systems	INITIAL	B1.1 B1.2			
76.	11.9	Remove/ Install trailing edge flap assembly	E2	B1.1 B1.2			
77.	11.9	Perform flap rigging and functional checks IAW AMM	E2	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
78.	11.9	Run a functional check on auto flap retraction (if applicable)	E2	B1.1			
79.	11.9	Remove/ install primary flight control surface	E2	B1.1 B1.2			
80.	11.9	Run a functional check on ailerons, elevators, rudder, and spoilers	E2	B1.1 B1.2			
81.	11.9	Perform balance check procedure on primary flight control surface	E2	B1.1 B1.2			
82.	11.9	Perform rigging of flight controls following components replacement	E2	B1.1 B1.2			
83.	11.9	Discuss/review replacement procedure for a hydraulic flight control actuator	E2 (E13)	B1.1 B1.2			
84.	11.9	Perform horizontal stabilizer electric trim system functional tests	E2 (E5)	B1.1 B1.2			
85.	11.9	Perform functional test of stall warning system	E5	B1.1 B1.2			
86.	11.9	Perform gust lock operational check	E2	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
87.	11.9	Perform inspection and operational checks of horizontal stabilizer system IAW AMM	E2	B1.1 B1.2			
88.	11.9	Perform inspection and operational test of speed brake system IAW AMM	E2 (E13)	B1.1 B1.2			
89.	11.9	Run a functional check on a fly-by- wire system (if installed)	No Privileges	B1.1			
90.	11.9	Identify flight control system MMEL Requirements	E2	B1.1 B1.2			
91.	11.9	Troubleshoot faulty flight control system and rectify defects	E2	B1.1 B1.2			
92.	11.9	Remove / install fly by wire system components and test IAW AMM (if installed)	No Privileges	B1.1			
93.	11.9	Identify fly by wire system MMEL Requirements	No Privileges	B1.1			
94.	11.9	Troubleshoot faulty fly by wire System and rectify defects	No Privileges	B1.1			
95.	11.9	Use the on-board reporting system for troubleshooting of a faulty flight control system (if installed)	No Privileges	B1.1			
96.	11.10	Identify hazards and discuss precaution and safety measures required during refueling/defueling and fuel transfer	INITIAL	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
97.	11.10	Perform aircraft daily fuel drain and fuel check	INITIAL	B1.1 B1.2			
98.	11.10	Remove and install fuel tank access panels IAW AMM	E2	B1.1 B1.2			
99.	11.10	Replace and test a fuel boost pump IAW AMM	E2 (E4)	B1.1 B1.2			
100.	11.10	Carry out operational test of engine fuel feed shut off valve IAW AMM	E2	B1.1 B1.2			
101.	11.10	Carry out functional test fuel cross feed/transfer valve	E2	B1.1 B1.2			
102.	11.10	Carry out wing to wing fuel transfer IAW AMM	E2	B1.1 B1.2			
103.	11.10	Perform magnetic fuel level indication reading IAW AMM	E2	B1.1 B1.2			
104.	11.10	Remove and install fuel drain valve IAW AMM	E2	B1.1 B1.2			
105.	11.10	Remove and install fuel bladder cell	E2	B1.1 B1.2			
106.	11.10	Carry out aircraft refueling and defueling	E2	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
107.	11.10	Perform a fuel quantity indicating system test	E5	B1.1 B1.2			
108.	11.10	Removal / installation of fuel flow transmitter and test	E5	B1.1 B1.2			
109.	11.10	Removal / installation of fuel low pressure warning switch and test	E5	B1.1 B1.2			
110.	11.10	Identify fuel system MMEL Requirements	E2 (E5)	B1.1 B1.2			
111.	11.10	Troubleshoot fuel system and rectify defects	E2 (E5)	B1.1 B1.2			
112.	11.11	Identify hazards and discuss precaution and safety measures required before pressurizing the hydraulic system	INITIAL E2 (E13)	B1.1 B1.2			
113.	11.11	Depressurize hydraulic reservoir, replenish hydraulic fluid, and recharge reservoir if required	INITIAL E2 (E13)	B1.1 B1.2			
114.	11.11	Replace engine driven / electrical hydraulic pump	E3 (E4) (E13)	B1.1 B1.2			
115.	11.11	Inspect hydraulic filters for foreign particles i.a.w. AMM	E2 (E13)	B1.1 B1.2			
116.	11.11	Remove/ install hydraulic pressure filter assembly	E2 (E13)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
117.	11.11	Remove / install hydraulic return filter assembly	E2 (E13)	B1.1 B1.2			
118.	11.11	Perform operational test of hydraulic supply shutoff valve IAW AMM	E2 (E13)	B1.1 B1.2			
119.	11.11	Removal / installation of hydraulic pressure switch / transmitter and test IAW AMM.	E2 (E13) (E5)	B1.1 B1.2			
120.	11.11	Perform operational test of hydraulic system reservoir quantity indication IAW AMM	E2 (E13) (E5)	B1.1 B1.2			
121.	11.11	Perform operational test of hydraulic system temperature indication IAW AMM	E2 (E13) (E5)	B1.1 B1.2			
122.	11.11	Check/replenish hydraulic and/or pneumatic accumulator pressure.	E2 (E13)	B1.1 B1.2			
123.	11.11	Perform visual inspection of hydraulic filter bypass indicator	E2 (E13)	B1.1 B1.2			
124.	11.11	Identify hydraulic system MMEL Requirements	E2 (E13)	B1.1 B1.2			
125.	11.11	Troubleshoot hydraulic system and rectify defects	E2 (E13)	B1.1 B1.2			
126.	11.12	Remove/install pneumatic de-ice boot	E2 (E39)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
127.	11.12	Perform patch repair de-ice boot	E2 (E39)	B1.1 B1.2			
128.	11.12	Remove / install propellor electrical de-ice boot	E3 E12 (E4) (E39)	B1.1 B1.2			
129.	11.12	Perform operational test of propeller electric / pneumatic de-icing system IAW AMM	E3 E12 (E4) (E39)	B1.1 B1.2			
130.	11.12	Perform operational test of electric / pneumatic de-icing boots on wing and horizontal stabilizer IAW AMM	E2 (E4) (E39)	B1.1 B1.2			
131.	11.12	Perform operational test of wing anti-ice system IAW AMM	E2 (E39)	B1.1 B1.2			
132.	11.12	Carry out operational test of engine thermal anti-ice system IAW AMM	E3 (E4) (E39)	B1.1 B1.2			
133.	11.12	Remove and install window heat control unit and test IAW AMM	E2 (E4) (E39)	B1.1 B1.2			
134.	11.12	Perform operational test of pitot/static/AOA sensor heating IAW AMM	E4	B1.1 B1.2			
135.	11.12	Remove / install windshield wiper motor assembly IAW AMM	E2 (E4) (E39)	B1.1 B1.2			
136.	11.12	Remove and install windshield wiper arm assembly IAW AMM	E2 (E39)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
137.	11.12	Perform windshield rain repellent application	E2 (E39)	B1.1 B1.2			
138.	11.12	Identify anti ice/de-ice system MMEL Requirements	E2 (E39)	B1.1 B1.2			
139.	11.12	Troubleshoot anti ice/de-ice system and rectify defects	E2 (E4) (E39)	B1.1 B1.2			
140.	11.13	Remove / install nose wheel assembly	E2	B1.1 B1.2			
141.	11.13	Remove / install main gear wheel assembly	E2	B1.1 B1.2			
142.	11.13	Inspect, remove, and install wheel brake assembly	E2	B1.1 B1.2			
143.	11.13	Bleed hydraulic brakes	E2 (E13)	B1.1 B1.2			
144.	11.13	Remove / install landing gear door assembly	E2 (E42)	B1.1 B1.2			
145.	11.13	Assess shock strut fluid level and recharge if required	E2	B1.1 B1.2			
146.	11.13	Inspect shock strut oleo for correct pressure vs extension	E2	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
147.	11.13	Remove / install landing gear extension retraction actuator	E2 (E42)	B1.1 B1.2			
148.	11.13	Remove and install nose and main -landing-gear downclock sensor	E2 (E42) (E4)	B1.1 B1.2			
149.	11.13	Assist or discuss replacement of seals on shock strut	E2	B1.1 B1.2			
150.	11.13	Prepare airplane for landing gear retraction / extension operation	E2 (E42)	B1.1 B1.2			
151.	11.13	Perform normal operation landing gear extension retraction procedure	E2 (E42)	B1.1 B1.2			
152.	11.13	Perform functional test emergency landing gear extension	E2 (E42)	B1.1 B1.2			
153.	11.13	Perform operational test of nose wheel steering system	E2 (E13)	B1.1 B1.2			
154.	11.13	Trouble shoot nose wheel steering system fault	E2 (E13) (E4)	B1.1 B1.2			
155.	11.13	Remove / install landing gear position indication proximity sensors / switches IAW AMM	E2 (E42) E5	B1.1 B1.2			
156.	11.13	Perform functional test of landing gear position indication and warning system	E2 (E42) E5	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
157.	11.13	Remove / install landing gear doors position indication proximity sensors / switches IAW AMM	E2 (E42) E5	B1.1 B1.2			
158.	11.13	Perform functional test of landing gear doors position indication and warning system	E2 (E42) E5	B1.1 B1.2			
159.	11.13	Remove / install air-ground sensing proximity sensors / switches IAW AMM	E2 (E42) E5	B1.1 B1.2			
160.	11.13	Perform functional test of air-Ground sensing and warnings	E2 (E42) E5	B1.1 B1.2			
161.	11.13	Identify landing gear and doors position indication system MMEL Requirements	E2 (E42) E5	B1.1 B1.2			
162.	11.13	Troubleshoot landing gear and doors position indication system and rectify defects	E2 (E42) E5	B1.1 B1.2			
163.	11.13	Remove / install main wheel speed sensor IAW AMM	E2 (E4)	B1.1 B1.2			
164.	11.13	Perform functional test of anti-skid system IAW AMM	E2 (E4) (E13)	B1.1 B1.2			
165.	11.13	Perform functional test of autobrake system IAW AMM	E2 (E4) (E13)	B1.1 B1.2			
166.	11.14	Replace external lights and check the operation	E1	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
167.	11.14	Replace cabin internal lights and passenger service lights and check the operation	E1	B1.1 B1.2			
168.	11.14	Perform operational test of passenger no smoking and fasten seat belt warning signs	E1	B1.1 B1.2			
169.	11.14	Replace emergency lights power pack and test the system	E1	B1.1 B1.2			
170.	11.14	Replace and check the operation of internal and external Emergency lights	E1	B1.1 B1.2			
171.	11.14	Identify internal/external and emergency lighting systems MMEL Requirements	E1	B1.1 B1.2			
172.	11.14	Remove/install flight deck map/grimes light	E1	B1.1 B1.2			
173.	11.15	Identify hazards and discuss precaution and safety measures required for oxygen system	E2 (E41)	B1.1 B1.2			
174.	11.15	Remove and install oxygen cylinder	E2 (E41)	B1.1 B1.2			
175.	11.15	Observe safety precautions and Replenish oxygen system	E2 (E41)	B1.1 B1.2			
176.	11.15	Perform operational test of crew and passenger oxygen system	E2 (E41)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
177.	11.16	Remove and install low stage/high stage bleed valve	E3	B1.1 B1.2			
178.	11.16	Perform procedure to inspect the high and low pressure bleed air systems (HP and LP systems) for possible bleed air leakage	E3	B1.1 B1.2			
179.	11.16	Perform/review bleed air leak detection indication/warning system test	E3	B1.1 B1.2			
180.	11.16	Identify bleed air system MMEL Requirements	E3	B1.1 B1.2			
181.	11.16	Troubleshoot faulty bleed air System and rectify defects	E3	B1.1 B1.2			
182.	11.17	Perform drain and replenish the potable water system	E2	B1.1 B1.2			
183.	11.17	Inspect and service the toilets	E2	B1.1 B1.2			
184.	11.17	Remove/ install toilet assembly	E2	B1.1 B1.2			
185.	11.17	Remove / install water faucet	E2	B1.1 B1.2			
186.	11.17	Remove / install toilet flush control unit and test	E2 (E4)	B1.1 B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	11A/11B	Turbine / Piston aeroplane aerodynamics, structures, and systems					
187.	11.17	Perform functional test waste tank qty indication	E2 (E5)	B1.1 B1.2			
188.	11.17	Perform functional test potable water qty indication	E2 (E5)	B1.1 B1.2			
189.	11.17	Trouble shoot water/waste system fault	E2 (E5)	B1.1			
190.	11.18	Use download data from onboard maintenance system for fault monitoring and troubleshooting	E5	B1.1			
191.	11.18	Perform software load procedure on central maintenance system	E5	B1.1			
192.	11.19	Locate and identify Integrated Modular avionics systems controls and indications (if installed)	E5	B1.1			
193.	11.20	Perform operational test of passenger address and cabin interphone system	E6	B1.1			
194.	11.20	Perform operational test of Inflight entertainment system (IFE) if installed	E6	B1.1			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Exclusion	Sub-cat				
	Module 6	Fabric Covering Practices Required for Category B1.1 B1.2 Exclusion E9 privilege						
1.	6.3	Demonstrate correct lacing in a section of fabric	E2 (E9) (E43)	B1.1 B1.2				
2.	6.3	Construct a fabric patch including correct stitching	E2 (E9) (E43)	B1.1 B1.2				
3.	6.3	Carry out doping in a suitable fabric area	E2 (E9) (E43)	B1.1 B1.2				
4.	6.3	Identify common tools for fabric covering structure repair	E2 (E9) (E43)	B1.1 B1.2				
5.	6.3	Perform various inspections of fabric structure for damage i.a.w. AMM.	E2 (E9) (E43)	B1.1 B1.2				
6.	6.3	Evaluate different levels of damage classes of fabric structure i.a.w. AMM	E2 (E9) (E43)	B1.1 B1.2				
7.	6.3	Perform various repair and/or recover fabric on wing/ fuselage and/or control surface elements i.a.w AMM	E2 (E9) (E43)	B1.1 B1.2				

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (circle the relevant category)			A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Exclusion	Sub-cat				
	Module 6	Wooden Structure Practices Required for Category B1.2 Exclusion E10 Privilege						
1.	6.3	Discuss construction methods used in wooden structures	E2 (E10)	B1.2				
2.	6.3	Identify the correct glue for various wooden joints	E2 (E10)	B1.2				
3.	6.3	Identify common tools for wooden structure repair.	E2 (E10)	B1.2				
4.	6.3	Carry out a moisture check on a selected piece of wood	E2 (E10)	B1.2				
5.	6.3	Perform various inspections of wooden structure for damage i.a.w. AMM.	E2 (E10)	B1.2				
6.	6.3	Evaluate different levels of damage classes of wooden structure i.a.w. AMM.	E2 (E10)	B1.2				
7.	6.3	Perform different wooden structure repairs i.a.w. AMM.	E2 (E10)	B1.2				

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Practical Maintenance Experience (on operating aircraft) Subcategory B1.1 or B1.2 Airframe (aeroplanes)

The experience must have been gained from a representative cross-section of maintenance tasks on operating aircraft relevant to the category or subcategory. See AMC/GM for CASR Part 66 for information about what is a representative cross-section of maintenance tasks.

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.1/B1.2	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature: _____ ARN: _____ Page: _____



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.1/B1.2	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



**Part 66 Modular Licence
Basic Practical Experience Logbook**

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.1/B1.2	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.1/B1.2	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.1/B1.2	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Subpart 3B – Basic Skills Practical Experience – Specific Tasks

Basic Knowledge Modules Tasks List for Subcategory B1.3 or B1.4 Airframe (helicopters)

At least 80% of the basic skills tasks (listed in the following table) in each relevant Part 66 knowledge module reference must be performed for the licence being applied for.

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
1.	12.2	Locate Aircraft Doors/Panels using zonal and station identification Method	INITIAL (E2)	B1.3 B1.4			
2.	12.2	Discuss the procedure and precautions of aircraft exterior cleaning	INITIAL (E2)	B1.3 B1.4			
3.	12.2	Perform Zonal visual inspection of fuselage skin/ structure	INITIAL (E2)	B1.3 B1.4			
4.	12.2	Demonstrate helicopter mooring and picketing	INITIAL (E2)	B1.3 B1.4			
5.	12.2	Perform main / tail rotor blades tie down procedure	INITIAL (E2)	B1.3 B1.4			
6.	12.2	Remove / install main / tail rotor blades	E2	B1.3 B1.4			
7.	12.2	Perform main/ tail rotor flight control rigging check	E2	B1.3 B1.4			
8.	12.2	Remove / install main rotor head	E2	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
9.	12.2	Inspect main rotor head assembly for damage	E2	B1.3 B1.4			
10.	12.2	Check main rotor static and dynamic balancing	E2	B1.3 B1.4			
11.	12.2	Remove / install and adjust main rotor pitch change links	E2	B1.3 B1.4			
12.	12.2	Remove / refit swashplate drive link	E2	B1.3 B1.4			
13.	12.2	Remove / install tail rotor blades	E2	B1.3 B1.4			
14.	12.2	Remove / install tail rotor hub and blade assembly	E2	B1.3 B1.4			
15.	12.2	Remove / install tail rotor pitch change mechanism	E2	B1.3 B1.4			
16.	12.2	Inspect tail rotor blades for damage	E2	B1.3 B1.4			
17.	12.2	Remove / install collective stick	E2	B1.3 B1.4			
18.	12.2	Remove / install collective / cyclic balance spring	E2	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
19.	12.2	Identify flight control systems MMEL Requirements	E2	B1.3 B1.4			
20.	12.2	Troubleshoot flight control system faults, rectify and record the causes of the faults in maintenance documentation	E2	B1.3 B1.4			
21.	12.3	Check main rotor / tail rotor track and balance	E2	B1.3 B1.4			
22.	12.3	Perform mast torque system calibration check	E2	B1.3 B1.4			
23.	12.3	Check main / tail rotor drive shaft dynamic balance	E2	B1.3 B1.4			
24.	12.3	Identify blade tracking and vibration systems MMEL Requirements	E2	B1.3 B1.4			
25.	12.3	Troubleshoot blade tracking and vibration system faults, rectify and record the causes of the faults in maintenance documentation	E2	B1.3 B1.4			
26.	12.4	Remove / install main rotor gear box	E2	B1.3 B1.4			
27.	12.4	Inspect main gear box mounts	E2	B1.3 B1.4			
28.	12.4	Remove / install main rotor drive shaft	E2	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
29.	12.4	Inspect main transmission and transmission mount for damage	E2	B1.3 B1.4			
30.	12.4	Remove / refit min gear box chip detector and functional check	E2 (E4)	B1.3 B1.4			
31.	12.4	Install, grease tail rotor drive shaft flexible coupling	E2	B1.3 B1.4			
32.	12.4	Inspect tail gearbox for damage and leaks	E2	B1.3 B1.4			
33.	12.4	Inspect tail rotor drive shaft and flexible coupling for damage	E2	B1.3 B1.4			
34.	12.4	Remove / install tail rotor drive shaft bearing support	E2	B1.3 B1.4			
35.	12.4	Remove / refit tail gear box chip detector and functional check	E2 (E4)	B1.3 B1.4			
36.	12.4	Service main /tail gearbox with oil	E2	B1.3 B1.4			
37.	12.4	Identify helicopter transmission systems MMEL Requirements	E2	B1.3 B1.4			
38.	12.4	Troubleshoot helicopter transmission system faults, rectify, and record the causes of the faults in maintenance documentation	E2	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
39.	12.5	Demonstrate the procedure for a structural inspection (from nose to tail)	E2	B1.3 B1.4			
40.	12.5	Locate Aircraft Doors/Panels using zonal and station Identification Method	INITIAL (E2)	B1.3 B1.4			
41.	12.6	Remove / install heating shutoff valve and check operation of heating system	E2 (E4)	B1.3 B1.4			
42.	12.6	Check operation of ventilation system	E2	B1.3 B1.4			
43.	12.6	Remove and install air cycle machine (ACM)	E2 (E15)	B1.3 B1.4			
44.	12.6	Remove and install pack flow control valve	E2 (E15) (E14)	B1.3 B1.4			
45.	12.6	Remove/ install ACM primary heat exchanger	E2 (E15)	B1.3 B1.4			
46.	12.6	Remove /install temperature control valve	E2 (E15)	B1.3 B1.4			
47.	12.6	Functionally test air cycle air conditioning system IAW AMM for evidence of serviceability or malfunction	E2 (E15)	B1.3 B1.4			
48.	12.6	Remove and install combustion heaters and inspection checks in accordance with maintenance manual	E2 (E15)	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
49.	12.6	Remove/ install Vapor Cycle system blower motor assembly	E2 (E15 (E14))	B1.3 B1.4			
50.	12.6	Perform compressor drive belt inspection and tension check in accordance with maintenance manual	E2 (E14)	B1.3 B1.4			
51.	12.6	Test Vapour cycle air conditioning system for correct function and freedom from refrigerant leaks	E2 (E14)	B1.3 B1.4			
52.	12.6	Remove / install various temperature sensors of air-conditioning system and check operation	E2 (E14) (E4)	B1.3 B1.4			
53.	12.6	Identify air-conditioning system MMEL Requirements	E2 E15 (E14)	B1.3 B1.4			
54.	12.6	Troubleshoot air-conditioning system faults, rectify, and record the causes of the faults in maintenance documentation	E2 E15 (E14)	B1.3 B1.4			
55.	12.7	Assist calibration check of a pitot static system using a leak tester	No Privileges	B1.3 B1.4			
56.	12.7	Assist a remote compass / standby compass compensation swing and calculations	No Privileges	B1.3 B1.4			
57.	12.7	Locate flight data recorder and cockpit voice recorder and perform tests	E5	B1.3 B1.4			
58.	12,7	Carry out VHF/HF/SELCAL system checks	E6	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
59.	12.7	Perform flight and service interphone system check	E6	B1.3 B1.4			
60.	12.7	Run BITE tests on these navigation systems: VOR, ADF, LOC/GS, Marker	E6	B1.3 B1.4			
61.	12.7	Run BITE tests on these navigation systems: DME, Radio Altimeter, TCAS, GPWS, ATC, GPS	E6	B1.3 B1.4			
62.	12.7	Remove / install emergency locator transmitter (ELT) and perform tests	E5	B1.3 B1.4			
63.	12.8	Remove/Refit main battery and perform system test according to AMM	E1	B1.3 B1.4			
64.	12.8	Perform Battery (Ni-Cad) Capacity Check	E1	B1.3 B1.4			
65.	12.8	Remove / install generator / alternator / IDG and run a functional test according to AMM	E3 (E1)	B1.3 B1.4			
66.	12.8	Remove / install generator control unit and functional test according to AMM	E1	B1.3 B1.4			
67.	12.8	Perform operation test of electrical load shedding system according to AMM	E1 E32	B1.3 B1.4			
68.	12.8	Perform operation test of generator priority to AC bus according to AMM	E1 E32	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
69.	12.8	Remove / install voltage regulators and functional test according to AMM	E1 E32	B1.3 B1.4			
70.	12.8	Remove / install transformer rectifier units (TRUs) and functional test according to AMM	E1 E32	B1.3 B1.4			
71.	12.8	Remove / install Generator Breakers (GB) / Bus Tie Breakers (BTB) and functional test according to AMM	E1 E32	B1.3 B1.4			
72.	12.8	Remove / install current transformers and functional test according to AMM	E1	B1.3 B1.4			
73.	12.8	Remove / install rotary inverters / static inverter and perform operational test according to AMM	E1	B1.3 B1.4			
74.	12.8	Remove / install electrical control panel and perform operational test according to IAW AMM	E1	B1.3 B1.4			
75.	12.8	Replace Circuit Breaker using Electrical Standard Wiring Practices Manual	E1	B1.3 B1.4			
76.	12.8	Identify Electrical Power System MMEL Requirements	E1	B1.3 B1.4			
77.	12.8	Troubleshoot Electrical Power System faults, rectify, and record the causes of the faults in maintenance documentation	E1	B1.3 B1.4			
78.	12.9	Inspect cockpit / cabin emergency equipment for serviceability	E2	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
79.	12.9	Check crew/pax seat belts for serviceability	E2	B1.3 B1.4			
80.	12.9	Replace crew seat	E2	B1.3 B1.4			
81.	12.10	Remove / install engine fire detector element IAW AMM	E2 (E4) (E40)	B1.3 B1.4			
82.	12.10	Perform inspection of engine fire detecting elements IAW AMM	E2 (E4) (E40)	B1.3 B1.4			
83.	12.10	Perform engine fire switch operation test IAW AMM	E2 (E4) (E40)	B1.3 B1.4			
84.	12.10	Replace engine fire extinguisher bottle squib and perform test	E2 (E4) (E40)	B1.3 B1.4			
85.	12.10	Remove / install cargo smoke detector unit IAW AMM	E2 (E4) (E40)	B1.3 B1.4			
86.	12.10	Perform test of cargo smoke detection and warning system IAW AMM	E2 (E4) (E40)	B1.3 B1.4			
87.	12.10	Identify fire and smoke detection system MMEL Requirements	E2 (E4) (E40)	B1.3 B1.4			
88.	12.10	Troubleshoot fire and smoke detection system faults, rectify, and record the causes of the faults in maintenance documentation	E2 (E4) (E40)	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
89.	12.10	Perform weight check on fire extinguisher bottles and replace, if necessary	E2 (E40)	B1.3 B1.4			
90.	12.11	Identify hazards and discuss precaution and safety measures required during refueling/defueling	E2	B1.3 B1.45			
91.	12.11	Perform aircraft daily fuel drain and fuel check	E2	B1.3 B1.4			
92.	12.11	Remove / install fuel tank access panels	E2	B1.3 B1.4			
93.	12.11	Replace and test fuel booster pump IAW AMM	E2 (E4)	B1.3 B1.4			
94.	12.11	Perform operational test of engine fuel feed shutoff valve IAW AMM	E3 (E4)	B1.3 B1.4			
95.	12.11	Perform refueling and defueling	E2	B1.3 B1.4			
96.	12.11	Perform a fuel quantity indicating system test	E2 (E5)	B1.3 B1.4			
97.	12.11	Removal / installation of fuel flow transmitter and test	E2 (E5)	B1.3 B1.4			
98.	12.11	Removal / installation of fuel low pressure warning switch and test	E2 (E5)	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
99.	12.11	Identify fuel system MMEL Requirements	E2	B1.3 B1.4			
100.	12.11	Troubleshoot fuel system faults, rectify, and record the causes of the faults in maintenance documentation	E2	B1.3 B1.4			
101.	12.12	Identify hazards and discuss precaution and safety measures required before pressurizing the hydraulic system	E2 (E13)	B1.3 B1.4			
102.	12.12	Depressurize hydraulic reservoir, replenish hydraulic fluid, and recharge reservoir if required	E2 (E13)	B1.3 B1.4			
103.	12.12	Replace engine driven / electrical hydraulic pump	E3 (E13) (E4)	B1.3 B1.4			
104.	12.12	Inspect hydraulic filters for foreign particles i.a.w. AMM	E2 (E13)	B1.3 B1.4			
105.	12.12	Remove/ install hydraulic pressure filter assembly	E2 (E13)	B1.3 B1.4			
106.	12.12	Remove / install hydraulic return filter assembly	E2 (E13)	B1.3 B1.4			
107.	12.12	Perform visual inspection of hydraulic filter bypass indicator	E2 (E13)	B1.3 B1.4			
108.	12.12	Check/replenish hydraulic and/or pneumatic accumulator pressure.	E2 (E13)	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
109.	12.12	Perform operational test of hydraulic supply shutoff valve IAW AMM	E2 (E13)	B1.3 B1.4			
110.	12.12	Removal / installation of hydraulic pressure switch / transmitter and test IAW AMM.	E2 (E13) (E5)	B1.3 B1.4			
111.	12.12	Perform operational test of hydraulic system reservoir quantity indication IAW AMM	E2 (E13) (E5)	B1.3 B1.4			
112.	12.12	Perform operational test of hydraulic system temperature indication IAW AMM	E2 (E13) (E5)	B1.3 B1.4			
113.	12.12	Identify hydraulic system MMEL Requirements	E2 (E13)	B1.3 B1.4			
114.	12.12	Troubleshoot hydraulic system faults, rectify, and record the causes of the faults in maintenance documentation	E2 (E13)	B1.3 B1.4			
115.	12.13	Carry out operational test of engine thermal anti-ice system IAW AMM	E3 (E4) (E39)	B1.3 B1.4			
116.	12.13	Perform operational test of pitot/static heating system IAW AMM	E2 (E4)	B1.3 B1.4			
117.	12.13	Remove and install windshield heater control unit and check operation IAW AMM	E2 (E4)	B1.3 B1.4			
118.	12.13	Remove and refit windshield wiper blades and check tension	E2 (E39)	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
119.	12.13	Identify anti-ice system MMEL Requirements	E2 (E39)	B1.3 B1.4			
120.	12.13	Troubleshoot anti-ice system faults, rectify, and record the causes of the faults in maintenance documentation	E2 (E39)	B1.3 B1.4			
121.	12.14	Service landing gear shock strut and perform dimension check	E2	B1.3 B1.4			
122.	12.14	Perform landing gear retraction and extension operation check	E2 (E13) (E42)	B1.3 B1.4			
123.	12.14	Replace aircraft wheels and brakes	E2	B1.3 B1.4			
124.	12.14	Inspect / replace landing gear skid shoes	E2	B1.3 B1.4			
125.	12.14	Perform operation check of landing gear indication system	E2 (E13) (E42) (E5)	B1.3 B1.4			
126.	12.15	Replace / functional tests of position and anti-collision lights	E1	B1.3 B1.4			
127.	12.15	Replace / functional tests of landing light and searchlight	E1	B1.3 B1.4			
128.	12.15	Replace emergency lights power pack and test the system	E1	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 12	Helicopter aerodynamics, structures, and systems					
129.	12.15	Replace and check the operation of internal and external Emergency lights	E1	B1.3 B1.4			
130.	12.15	Identify internal/external and emergency lighting systems MMEL Requirements	E1	B1.3 B1.4			
131.	12.15	Identify internal/external and emergency lighting systems MMEL Requirements	E1	B1.3 B1.4			
132.	12.18	Retrieve data from onboard maintenance system - (if installed)	E5	B1.3 B1.4			
133.	12.18	Use download data from onboard maintenance system for fault monitoring and troubleshooting - (if installed)	E5	B1.3 B1.4			
134.	12.18	Check operation of on-board maintenance system - (if installed)	E5	B1.3 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Practical Maintenance Experience (on operating aircraft) Subcategory B1.3 or B1.4 Airframe (helicopters)

The experience must have been gained from a representative cross-section of maintenance tasks on operating aircraft relevant to the category or subcategory. See AMC/GM for CASR Part 66 for information about what is a representative cross-section of maintenance tasks.

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature: _____ ARN: _____ Page: _____



ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 4

Basic Skills Practical Experience (Specific Tasks)

for

Category B1 (powerplant) Modular Licences

Subpart 4A – Subcategory B1.1 or B1.3 Powerplant (turbine)

Basic Knowledge Modules Tasks List

Practical Maintenance Experience (on operating aircraft)

Subpart 4B – Subcategory B1.2 or B1.4 Powerplant (piston)

Basic Knowledge Modules Tasks List

Practical maintenance Experience (on operating aircraft)



Subpart 4A – Basic Skills Practical Experience – Specific Tasks

Basic Knowledge Modules Tasks List for Subcategory B1.1 or B1.3 Powerplant (turbine)

At least 80% of the basic skills tasks (listed in the following table) in each relevant Part 66 knowledge module reference must be performed for the licence being applied for.

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
1.	15.3	Fan blades inspection IAW AMM	E3	B1.1 B1.3			
2.	15.3	Fan blades removal / installation IAW AMM	E3	B1.1 B1.3			
3.	15.3	Fan spinner removal / installation IAW AMM	E3	B1.1 B1.3			
4.	15.4	Perform Fan Trim Balance IAW AMM	E3	B1.1 B1.3			
5.	15.4	Perform Zonal visual inspection engine fan case area	E3	B1.1 B1.3			
6.	15.6	Turbine blades inspection / check IAW AMM	E3	B1.1 B1.3			
7.	15.7	Inspect engine exhaust zone heat blankets	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
8.	15.7	Remove/ install engine exhaust zone heat blankets	E3	B1.1 B1.3			
9.	15.7	Perform inspection engine exhaust nozzle	E3	B1.1 B1.3			
10.	15.7	Remove / install engine exhaust nozzle assembly	E3	B1.1 B1.3			
11.	15.7	Perform functional test engine thrust reverser assembly	E3	B1.1			
12.	15.7	Perform engine thrust reverser rigging check	E3	B1.1			
13.	15.7	Perform engine thrust reverser lock-out procedure	E3	B1.1			
14.	15.7	Trouble shoot engine thrust reverser system fault.	E3	B1.1			
15.	15.10	Discuss/review engine oil system layout and locate components	E3	B1.1 B1.3			
16.	15.10	Physical check of engine oil quantity level, refill to correct level, if necessary	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
17.	15.10	Carry out replacement of engine oil pressure filter IAW AMM	E3	B1.1 B1.3			
18.	15.10	Carry out replacement of engine oil scavenge filter IAW AMM	E3	B1.1 B1.3			
19.	15.10	Carry out inspection of engine oil filter IAW AMM	E3	B1.1 B1.3			
20.	15.10	Carry out visual inspection of engine chip detector IAW AMM	E3	B1.1 B1.3			
21.	15.10	Perform visual inspection of flexible engine oil hoses.	E3	B1.1 B1.3			
22.	15.10	Remove / install engine oil pump IAW AMM	E3	B1.1 B1.3			
23.	15.10	Drain and replenish oil system.	E3	B1.1 B1.3			
24.	15.10	Remove and install fuel /oil coiler or air/oil cooler	E3	B1.1 B1.3			
25.	15.10	Perform Inspection of Oil Filter Bypass Indicator	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
26.	15.11	Discuss/review engine fuel system layout and locate components	E3	B1.1 B1.3			
27.	15.11	Remove / install engine fuel control unit/ hydro-mechanical unit IAW AMM	E3	B1.1 B1.3			
28.	15.11	Rig engine power lever / throttle control	E3	B1.1 B1.3			
29.	15.11	Perform a FADEC /EEC system BITE test	E3	B1.1 B1.3			
30.	15.11	Remove / install engine fuel flow transmitter	E3	B1.1 B1.3			
31.	15.11	Remove / install engine fuel pump IAW AMM	E3	B1.1 B1.3			
32.	15.11	Carry out inspection / replacement of engine fuel filter element	E3	B1.1 B1.3			
33.	15.11	Remove / install engine fuel spray nozzles	E3	B1.1 B1.3			
34.	15.11	Remove / install engine fuel manifolds	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
35.	15.11	Remove / install engine fuel flow divider	E3	B1.1 B1.3			
36.	15.11	Remove / Install engine fuel heater	E3	B1.1 B1.3			
37.	15.11	Perform Inspection of Fuel Filter Bypass Indicator	E3	B1.1 B1.3			
38.	15.11	Perform functional test of engine fuel feed shut-off valve	E3	B1.1 B1.3			
39.	15.12	Discuss / review the bleed air system layout and locate the components	E3	B1.1 B1.3			
40.	15.12	Remove / Install Nacelle Inlet Cowl Anti-Icing Shut-off Valve	E3	B1.1 B1.3			
41.	15.12	Perform functional test Nacelle Inlet Cowl Anti-Icing Shut-off Valve	E3	B1.1 B1.3			
42.	15.12	Remove / Install Bleed Air Shut Off Valve	E3	B1.1 B1.3			
43.	15.12	Remove / Install Bleed Air Pressure/temp switch	E3 (E5)	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
44.	15.12	Troubleshoot bleed air system fault	E3	B1.1 B1.3			
45.	15.13	Removal / installation of Starter / Generator	E3 (E4)	B1.1 B1.3			
46.	15.13	Starter / Generator – Functional Test	E3 (E4)	B1.1 B1.3			
47.	15.13	Remove install engine starter relay	E3 (E4)	B1.1 B1.3			
48.	15.13	Perform functional test engine starter relay	E3 (E4)	B1.1 B1.3			
49.	15.13	Remove and install start control valve	E3	B1.1 B1.3			
50.	15.13	Remove and install air turbine starter	E3	B1.1 B1.3			
51.	15.13	Remove and install engine start switch	E3 (E4)	B1.1 B1.3			
52.	15.3	Perform Troubleshooting Engine Start System Fault	E3 (E4)	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
53.	15.13	Remove / install ignition exciter box	E3 (E4)	B1.1 B1.3			
54.	15.13	Perform ignitor pug inspection	E3	B1.1 B1.3			
55.	15.13	Remove / install ignitor plug	E3	B1.1 B1.3			
56.	15.13	Perform Ignition lead inspection	E3 (E4)	B1.1 B1.3			
57.	15.13	Remove / install ignition lead	E3 (E4)	B1.1 B1.3			
58.	15.13	Perform ignition system test	E3 (E4)	B1.1 B1.3			
59.	15.14	Demonstrate replacement of engine exhaust gas temperature thermocouple / temperature sensors and test	E3 (E5)	B1.1 B1.3			
60.	15.14	Demonstrate replacement of engine N1 / N2 tachometer and test	E3 (E5)	B1.1 B1.3			
61.	15.14	Demonstrate replacement of engine fuel pressure or flow indication components and test	E3 (E5)	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
62.	15.14	Demonstrate replacement of engine oil pressure and temperature sensors and test	E3 (E5)	B1.1 B1.3			
63.	15.14	Perform functional test on engine indication systems	E3 (E5)	B1.1 B1.3			
64.	15.18	APU Powerplant – Remove/Install	E3	B1.1 B1.3			
65.	15.18	APU Electronic Control Unit – Remove/Install	E3 (E4)	B1.1 B1.3			
66.	15.18	APU starter motor brush inspection	E3 (E4)	B1.1 B1.3			
67.	15.18	APU oil filter / fuel filter – Remove/Install	E3	B1.1 B1.3			
68.	15.18	APU magnetic chip detector visual inspection	E3	B1.1 B1.3			
69.	15.18	Perform APU compressor inlet visual inspection	E3	B1.1 B1.3			
70.	15.18	Perform APU turbine exhaust outlet visual inspection	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
71.	15.18	Trouble shoot APU system fault	E3	B1.1 B1.3			
72.	15.18	Perform APU EEC BITE test	E3 (E5)	B1.1 B1.3			
73.	15.18	Perform APU trend monitoring procedure	E3	B1.1 B1.3			
74.	15.18	Perform APU operational test.	E3	B1.1 B1.3			
75.	15.19	Engine Mounts – Inspect/Check	E3	B1.1 B1.3			
76.	15.19	Perform engine drain line inspection	E3	B1.1 B1.3			
77.	15.19	Engine Cowl – Remove/Install	E3	B1.1 B1.3			
78.	15.19	Engine – Remove/Install	E3	B1.1 B1.3			
79.	15.20	Remove and install engine fire detector elements IAW AMM	E3 (E4) (E40)	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
80.	15.20	Inspect engine fire detecting element for correct installation and damage	E3 (E4) (E40)	B1.1 B1.3			
81.	15.20	Perform engine fire detection system functional test	E3 (E5) (E40)	B1.1 B1.3			
82.	15.20	Perform weight check on fire extinguisher bottles and replace, if necessary	E3 (E40)	B1.1 B1.3			
83.	15.20	Replace fire extinguisher bottle squib and perform test	E3 (E4) (E40)	B1.1 B1.3			
84.	15.20	Perform engine fire extinguishing system test IAW AMM	E3 (E5) (E40)	B1.1 B1.3			
85.	15.20	Inspect APU fire detecting elements for correct installation and damage IAW AMM	E3 (E4) (E40)	B1.1 B1.3			
86.	15.20	Perform APU fire detecting systems test IAW AMM	E3 (E5) (E40)	B1.1 B1.3			
87.	15.20	Perform APU fire extinguishing system test IAW AMM	E3 (E5) (E40)	B1.1 B1.3			
88.	15.20	Trouble shoot APU system faults.	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
89.	15.21	Perform / discuss engine ground run preparation procedure	INITIAL (E3)	B1.1 B1.3			
90.	15.21	Engine Ground Running – Dry Motoring Cycle	E3	B1.1 B1.3			
91.	15.21	Engine Ground Running – Wet Motoring Cycle	E3	B1.1 B1.3			
92.	15.21	Engine Ground Running – Low Power Test	E3	B1.1 B1.3			
93.	15.21	Engine Ground Running – High Power Test	E3	B1.1 B1.3			
94.	15.21	Trouble shoot various engine system fault.	E3	B1.1 B1.3			
95.	15.21	Perform engine oil sample collection for analysis	E3	B1.1 B1.3			
96.	15.21	Perform engine trend monitoring	E3	B1.1 B1.3			
97.	15.21	Perform engine hot section borescope inspection	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 15	Gas Turbine Engine					
98.	15.21	Carryout compressor washing and cleaning IAW AMM	E3	B1.1 B1.3			
99.	15.22	Review / discuss engine storage and back to service procedure	E3	B1.1 B1.3			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller (Required for B1.1 Turbine exclusion E12 privilege)					
1.	17.2	Perform removal and installation of propeller.	E3 E12	B1.1			
2.	17.3	Demonstrate adjustment of propeller RPM.	E3 E12	B1.1			
3.	17.3	Perform removal and installation of propeller governor.	E3 E12	B1.1			
4.	17.3	Remove and install propeller overspeed governor.	E3 E12	B1.1			
5.	17.3	Check propeller blade angles.	E3 E12	B1.1			
6.	17.4	Demonstrate propeller synchronising procedure with synchrophasing equipment	E3 E12 (E5)	B1.1			
7.	17.4	Perform synchronisation adjustment of engine parameter on a multi- engine driven airplane.	E3 E12 (E5)	B1.1			
8.	17.5	Check propeller de-icing system and components	E3 E12 (E4) (E39)	B1.1			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller (Required for B1.1 Turbine exclusion E12 privilege)					
9.	17.5	Inspect propeller de-ice slip ring and brushes.	E3 E12 (E4) (E39)	B1.1			
10.	17.5	Replace propeller de-ice boot.	E3 E12 (E4) (E39)	B1.1			
11.	17.6	Perform various inspections of propeller (including propeller blades, hub, spinner, backplate)	E3 E12	B1.1			
12.	17.6	Perform various inspection of propeller mounting bolts and mounting flange on engine	E3 E12	B1.1			
13.	17.6	Perform inspection and classification of blade damage on a propeller i.a.w. AMM	E3 E12	B1.1			
14.	17.6	Perform propeller blade dressing of minor stone/erosion damage.	E3 E12	B1.1			
15.	17.3	Service propeller with air.	E3 E12	B1.1			
16.	17.3	Check/inspect propeller beta system.	E3 E12	B1.1			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller (Required for B1.1 Turbine exclusion E12 privilege)					
17.	17.3	Inspect propeller counterweights for condition and security.	E3 E12	B1.1			
18.	17.3	Perform propeller feathering check.	E3 E12	B1.1			
19.	17.3	Inspect propeller blade clamps.	E3 E12	B1.1			
20.	17.6	Perform propeller lubrication	E3 E12	B1.1			
21.	17.6	Perform check of propeller track	E3 E12	B1.1			
22.	17.6	Perform propeller static and dynamic balancing	E3 E12	B1.1			
23.	17.6	Perform adjustment of governor system i.a.w. AMM.	E3 E12	B1.1			
24.	17.6	Check operation during ground run.	E3 E12	B1.1			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller (Required for B1.1 Turbine exclusion E12 privilege)					
25.	17.6	Perform various minor repair on a composite/metal propeller blade damage i.a.w. AMM.	E3 E12	B1.1			
I declare that the information given in this form is true in every respect.							
Logbook Holder's Name:			Signature		ARN		



Practical Maintenance Experience (on operating aircraft) Subcategory B1.1 or B1.3 Powerplant (turbine)

The experience must have been gained from a representative cross-section of maintenance tasks on operating aircraft relevant to the category or subcategory. See AMC/GM for CASR Part 66 for information about what is a representative cross-section of maintenance tasks.

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.1/B1.3	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature: _____ ARN: _____ Page: _____



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.3/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Subpart 4B – Basic Skills Practical Experience – Specific Tasks

Basic Knowledge Modules Tasks List for Subcategory B1.2 or B1.4 Powerplant (piston)

At least 80% of the basic skills tasks (listed in the following table) in each relevant Part 66 knowledge module reference must be performed for the licence being applied for.

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 16	Piston Engine					
1.	16.1	Carry out annual/100-hour inspection of engine	E3	B1.2 B1.4			
2.	16.1	Carry out cylinder differential compression checks, identify and rectify faults	E3	B1.2 B1.4			
3.	16.3	Remove and replace cylinder & piston assembly	E3	B1.2 B1.4			
4.	16.3	Perform piston ring end gap measure and adjust	E3	B1.2 B1.4			
5.	16.3	Replace cylinder base seals.	E3	B1.2 B1.4			
6.	16.3	Replace push rod housing seals.	E3	B1.2 B1.4			
7.	16.3	Replacement of rocker cover seals.	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
8.	16.3	Remove, install, and replace induction manifold gaskets	E3	B1.2 B1.4			
9.	16.3	Perform engine inlet/outlet valve adjustment	E3	B1.2 B1.4			
10.	16.3	For non-adjustable valves perform pushrod length change to achieve required valve lifter (hydraulic tappet) adjustment as per AMM	E3	B1.2 B1.4			
11.	16.3	Perform vacuum pump check	E3	B1.2 B1.4			
12.	16.3	Perform vacuum pump change	E3	B1.2 B1.4			
13.	16.3	Replace vacuum system inlet filter	E3	B1.2 B1.4			
14.	16.4	Perform a fuel injection system check	E3 (E37)	B1.2 B1.4			
15.	16.4	Replace fuel system filter.	E3	B1.2 B1.4			
16.	16.4	Remove, clean, and inspect fuel injectors	E3 (E37)	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
17.	16.4	Remove, inspect, and install fuel manifold	E3 (E37)	B1.2 B1.4			
18.	16.4	Check and adjust carburetor float level	E3 (E36)	B1.2 B1.4			
19.	16.4	Perform carburetor fuel mixer and idle RPM adjustment	E3 (E36)	B1.2 B1.4			
20.	16.4	Inspect carburetor heat controls for free operation and wear of the air box valve spindle and bushes.	E3 (E36)	B1.2 B1.4			
21.	16.4	Inspect engine control cables.	E3	B1.2 B1.4			
22.	16.4	Carry out removal, replacement and rigging of engine control cables.	E3	B1.2 B1.4			
23.	16.4	Rig engine power lever	E3	B1.2 B1.4			
24.	16.5	Inspect engine drive belts for wear, damage, and correct tension, carry out rectifications.	E3	B1.2 B1.4			
25.	16.5	Perform magnetos adjustment (timing adjustments), switch and earth leads.	E3 (E4)	B1.2 B1.4			
26.	16.6	Inspect flexible induction air hoses for condition	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
27.	16.6	Inspect engine cooling fan drive for condition.	E3	B1.4			
28.	16.6	Inspect engine cooling fan assembly for security, check for bearing condition, oil leaks	E3	B1.4			
29.	16.6	Inspect engine cooling fan shroud and baffles for security	E3	B1.4			
30.	16.5	Remove and replace magneto	E3 (E4)	B1.2 B1.4			
31.	16.5	Carry out impulse coupling inspection check	E3	B1.2 B1.4			
32.	16.5	Carry out internal magneto timing and adjustment.	E3 (E4)	B1.2 B1.4			
33.	16.5	Conduct points gap inspection and adjustment.	E3 (E4)	B1.2 B1.4			
34.	16.5	Remove spark plugs, clean, test and reinstall. Check function	E3	B1.2 B1.4			
35.	16.5	Replace spark plug and check function (ground run)	E3	B1.2 B1.4			
36.	16.5	Perform ignition system test	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
37.	16.5	Remove and replace ignition harness assembly	E3 (E4)	B1.2 B1.4			
38.	16.5	Remove replace/repair HT leads	E3 (E4)	B1.2 B1.4			
39.	16.5	Demonstrate cold cylinder test procedure.	E3	B1.2 B1.4			
40.	16.5	Perform replacement of starter motor, inspect starter drive gear and ring gear teeth for wear/damage	E3	B1.2 B1.4			
41.	16.6	Check baffles for condition	E3	B1.2 B1.4			
42.	16.6	Carry out replacement, repair, and installation of cooling baffles	E3	B1.2 B1.4			
43.	16.7	Demonstrate turbocharger and waste gate test and adjustment	E3 (E33) (E38)	B1.2 B1.4			
44.	16.9	Inspect dipstick tube, oil filler neck and crankcase breather for signs of oil frothing paying attention to crankcase breather vent for blockages	E3	B1.2 B1.4			
45.	16.9	Check oil quantity level, refill to correct level, if necessary	E3	B1.2 B1.4			
46.	16.9	Perform engine oil change	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
47.	16.9	Inspect screen type oil filter for metal particles, contaminants etc.	E3	B1.2 B1.4			
48.	16.9	Remove spin-on cartridge type oil filter, cut open and inspect for metallic particles and signs of contamination	E3	B1.2 B1.4			
49.	16.9	Demonstrate checking and adjustment of oil pressure	E3	B1.2 B1.4			
50.	16.9	Demonstrate replacement of oil temperature sensor	E3 (E5)	B1.2 B1.4			
51.	16.9	Inspect oil cooler for damage.	E3	B1.2 B1.4			
52.	16.9	Check oil cooler vernatherm (oil cooler thermostat controller) for correct operation	E3	B1.2 B1.4			
53.	16.9	Carry out oil cooler shutter and cowl flap adjustment	E3	B1.2 B1.4			
54.	16.6	Inspect exhaust system for cracks or signs of leakage	E3	B1.2 B1.4			
55.	16.6	Remove and install exhaust manifold and gaskets.	E3	B1.2 B1.4			
56.	16.6	Remove cabin heat shroud, inspect for signs of exhaust leakage from muffler assembly	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
57.	16.10	Perform functional test on engine indication system	E3 (E5)	B1.2 B1.4			
58.	16.10	Demonstrate replacement of exhaust temperature sensor	E3 (E5)	B1.2 B1.4			
59.	16.11	Inspect engine using borescope	E3	B1.2 B1.4			
60.	16.7	Demonstrate turbocharger and waste gate test and adjustment	E3 (E33) (E38)	B1.2 B1.4			
61.	16.7	Carry out removal and installation of turbocharger, conduct waste gate test and adjustment post install.	E3 (E33) (E38)	B1.2 B1.4			
62.	16.11	Assist in an engine removal & installation	E3	B1.2 B1.4			
63.	16.11	Inspect, install all fluid and air carrying lines.	E3	B1.2 B1.4			
64.	16.13	Perform preservation procedures Prepare engine for shipment.	E3	B1.2 B1.4			
65.	16.11	Inspect engine isolation mounts for condition and replace as required	E3	B1.2 B1.4			
66.	16.11	Inspect engine earthing cable for condition	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 16	Piston Engine					
67.	16.12	Assist in an engine test run-up, performance checks and adjustments	E3	B1.2 B1.4			
68.	16.12	Demonstrate test for Carbon monoxide	E3	B1.2 B1.4			
69.	16.11	Carry out inspect damage to firewalls/ auxiliary firewalls and repair as required.	E3	B1.2 B1.4			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller Required for Category B1.2					
1.	17.2	Perform removal and installation of propeller.	E3 E12	B1.2			
2.	17.3	Demonstrate adjustment of propeller RPM.	E3 E12	B1.2			
3.	17.3	Perform removal and installation of propeller governor.	E3 E12	B1.2			
4.	17.3	Remove and install propeller overspeed governor.	E3 E12	B1.2			
5.	17.3	Check propeller blade angles.	E3 E12	B1.2			
6.	17.4	Demonstrate propeller synchronising procedure with synchrophasing equipment	E3 E12	B1.2			
7.	17.4	Perform synchronisation adjustment of engine parameter on a multi- engine driven airplane.	E3 E12	B1.2			
8.	17.5	Check propeller de-icing system and components	E3 E12 (E39)	B1.2			
9.	17.5	Inspect propeller de-ice slip ring and brushes.	E3 E12 (E39)	B1.2			
10.	17.5	Replace propeller de-ice boot.	E3 E12 (E39)	B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller Required for Category B1.2					
11.	17.6	Perform various inspections of propeller (including propeller blades, hub, spinner, backplate)	E3 E12	B1.2			
12.	17.6	Perform various inspection of propeller mounting bolts and mounting flange on engine	E3 E12	B1.2			
13.	17.6	Perform inspection and classification of blade damage on a propeller i.a.w. AMM	E3 E12	B1.2			
14.	17.6	Perform propeller blade dressing of minor stone/erosion damage.	E3 E12	B1.2			
15.	17.3	Service propeller with air.	E3 E12	B1.2			
16.	17.3	Check/inspect propeller beta system.	E3 E12	B1.2			
17.	17.3	Inspect propeller counterweights for condition and security.	E3 E12	B1.2			
18.	17.3	Perform propeller feathering check.	E3 E12	B1.2			
19.	17.3	Inspect propeller blade clamps.	E3 E12	B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 17	Propeller Required for Category B1.2					
20.	17.6	Perform propeller lubrication	E3 E12	B1.2			
21.	17.6	Perform check of propeller track	E3 E12	B1.2			
22.	17.6	Perform propeller static and dynamic balancing	E3 E12	B1.2			
23.	17.6	Perform adjustment of governor system i.a.w. AMM.	E3 E12	B1.2			
24.	17.6	Check operation during ground run.	E3 E12	B1.2			
25.	17.6	Perform various minor repair on a composite/metal propeller blade damage i.a.w. AMM.	E3 E12	B1.2			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Practical Maintenance Experience (on operating aircraft) Subcategory B1.2 or B1.4 Powerplant (piston)

The experience must have been gained from a representative cross-section of maintenance tasks on operating aircraft relevant to the category or subcategory. See AMC/GM for CASR Part 66 for information about what is a representative cross-section of maintenance tasks.

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.2/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.2/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category B1.2/B1.4	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 5

Basic Skills Practical Experience (Specific Tasks)

for

Category B2 (E / I / R) Modular Licences

(E) - Electrical systems

(I) - Instrument systems

(R) - Radio systems

Basic Knowledge Modules Tasks List

Practical Maintenance Experience (on operating aircraft)



Part 5 – Basic Skills Practical Experience – Specific Tasks

Basic Knowledge Modules Tasks List for Subcategories B2 (Electrical / Instrument / Radio) (E / I / R)

At least 80% of the basic skills tasks (listed in the following table) in each relevant Part 66 knowledge module reference must be performed for the licence being applied for.

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
1.	13.2	Locate and identify aircraft doors/panels using zonal Identification diagrams	INITIAL	E I R			
2.	13.2	Identify aircraft components location using the aircraft station diagram	INITIAL	E I R			
3.	13.2	Measure bonding resistance between the aircraft components and the airframe as per the aircraft maintenance manual	E4	E I R			
4.	13.2	Measure bonding resistance between the static wicks mount and the airframe as per the aircraft maintenance manual	E4	E I R			
5.	13.3	Remove / install autopilot aileron servo and perform operational test	E5 E7 (E27) (E28)	I			
6.	13.3	Remove / install autopilot elevator servo and perform operational test	E5 E7 (E27) (E28)	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
7.	13.3	Remove / install autopilot computer and perform operational test	E7 (E27) (E28)	I			
8.	13.3	Perform an autothrottle system test	E5 (E27) (E28)	I			
9.	13.3	Stability Augmentation Systems functional testing (aircraft)	E5 (E27) (E28)	I			
10.	13.3	Stability Augmentation Systems functional testing (helicopter)	E5 (E27) (E28)	I			
11.	13.3	Remove / install yaw damper coupler/computer and functional testing	E5	I			
12.	13.3	Perform stabilizer trim system test	E5	I			
13.	13.3	Perform an autopilot Autoland system test	E7 (E27) (E28)	I			
14.	13.3	Troubleshoot faulty Autopilot/Autothrottle system and rectify defects	E5 E7 (E27) (E28)	I			
15.	13.3	Identify Autopilot/Autothrottle MMEL Requirements	E7 (E27) (E28)	I			
16.	13.4	Locate and discuss remove / install procedure of VHF antenna and tests	E8	R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
17.	13.4	Remove / install VHF transceiver and perform test of VHF communication system(s)	E8	R			
18.	13.4	Remove / install VHF Comm Audio Control Panel (ACP) and perform functional test of VHF communication system(s)	E8	R			
19.	13.4	Preform radio vertical standing wave ratio (VSWR) measurement tests	E8	R			
20.	13.4	Remove / install HF antenna coupler IAW AMM	E8	R			
21.	13.4	Remove / install HF transceiver and perform test of HF communication system(s)	E8	R			
22.	13.4	Locate and discuss remove / install procedure of HF system antenna and tests	E8	R			
23.	13.4	Remove / install push to talk (PTT)/HOT MIC Switch IAW AMM	E8	R			
24.	13.4	Identify VHF/HF system MMEL Requirements	E8	R			
25.	13.4	Troubleshoot faulty VHF/HF system and rectify defects	E8	R			
26.	13.4	Perform testing of Flight Interphone system	E8	E R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
27.	13.4	Perform testing of Service Interphone system	E8	E R			
28.	13.4	Perform testing of Cabin interphone system	E8	E R			
29.	13.4	Remove / install Passenger Address Amplifier and perform adjustments and tests	E8	E R			
30.	13.4	Identify Flight and Cabin Interphone/Passenger Address system MMEL Requirements	E8	R			
31.	13.4	Troubleshoot faulty Flight and Cabin Interphone/Passenger Address system and rectify defects	E8	R			
32.	13.4	Remove / install emergency locator transmitter (ELT) and perform operational tests	E8	E R			
33.	13.4	Remove / install cockpit voice recorder and perform functional test	E8 (E11)	R			
34.	13.4	Remove / install VOR receiver and Test using appropriate test equipment e.g., Nav 401/402	E8 (E19)	R			
35.	13.4	Locate and discuss remove / install procedure of VOR antenna and tests	E8 (E19)	R			
36.	13.4	Identify VOR system MMEL Requirements	E8 (E19)	R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
37.	13.4	Troubleshoot faulty VOR system and rectify defects	E8 (E19)	R			
38.	13.4	Remove / install ADF receiver and Test using appropriate test equipment	E8 (E18)	R			
39.	13.4	Locate and discuss remove / install procedure of ADF antenna and tests	E8 (E18)	R			
40.	13.4	Remove / install Marker Beacon Receiver and Test using appropriate test equipment	E8 (E18)	R			
41.	13.4	Locate and discuss remove / install procedure of Marker Beacon system antenna and tests	E8 (E18)	R			
42.	13.4	Identify ADF/MB system MMEL Requirements	E8 (E18)	R			
43.	13.4	Troubleshoot faulty ADF/MB system and rectify defects	E8 (E18)	R			
44.	13.4	Remove / install ILS Receiver and Test using appropriate test equipment e.g., Nav 401/402	E8 (E20)	R			
45.	13.4	Locate and discuss remove / install procedure of localizer and glide slope antenna and tests	E8 (E20)	R			
46.	13.4	Identify ILS system MMEL Requirements	E8 (E20)	R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
47.	13.4	Troubleshoot faulty ILS (Loc & GS) system and rectify defects	E8 (E20)	R			
48.	13.4	Remove / install Flight Director System components and Test using appropriate test equipment	E7 (E20)	I			
49.	13.4	Identify Flight Director system MMEL Requirements	E7	I			
50.	13.4	Troubleshoot faulty Flight Director system and rectify defects	E7	I			
51.	13.4	Remove / install DME interrogator and test utilising appropriate test set	E8 (E24)	R			
52.	13.4	Locate and discuss remove / install procedure of DME antenna and tests	E8 (E24)	R			
53.	13.4	Identify DME system MMEL Requirements	E8 (E24)	R			
54.	13.4	Troubleshoot faulty DME system and rectify defects	E8 (E24)	R			
55.	13.4	Perform flight management system functional tests	E7	I			
56.	13.4	Demonstrate BITE test practices on flight management system	E7	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
57.	13.4	Demonstrate familiarity of Global positioning system interface with flight management system and view satellite data	E8 E26	R			
58.	13.4	Perform Global positioning system functional tests and identify the faults.	E8 (E30) E26	R			
59.	13.4	Remove and install GPS antenna iaw MM	E8 (E26)	R			
60.	13.4	Carry out navigation database loading IAW AMM	E7 (E30)	I			
61.	13.4	Perform Inertial Reference system Initialization Check. Identify error codes and take corrective actions	E7 (E30)	I			
62.	13.4	Perform troubleshooting of Inertial Reference system for position error / ground speed errors and take corrective actions	E7 (E30)	I			
63.	13.4	Identify FMS/INS system MMEL Requirements	E7 (E30)	I			
64.	13.4	Troubleshoot faulty FMS/INS system and rectify defects	E7 (E30)	I			
65.	13.4	Remove / install ATC transponder unit and test utilising appropriate test set	E8 (E22)	R			
66.	13.4	Locate and discuss remove / install procedure of ATC antenna and tests	E8 (E22)	R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
67.	13.4	Remove / install TCAS system processor and test utilising appropriate test set	E8 (E22)	R			
68.	13.4	Locate and discuss remove / install procedure of TCAS antenna and tests	E8 (E22)	R			
69.	13.4	Identify ATC/TCAS system MMEL Requirements	E8 (E22)	R			
70.	13.4	Troubleshoot faulty ATC/TCAS system and rectify defects	E8 (E22)	R			
71.	13.4	Remove / install weather radar transceiver and functional test	E8 (E21)	R			
72.	13.4	Remove / install weather radar antenna and functional test	E8 (E21)	R			
73.	13.4	Identify Weather Radar system MMEL Requirements	E8 (E21)	R			
74.	13.4	Troubleshoot faulty Weather Radar system and rectify defects	E8 (E21)	R			
75.	13.4	Remove / install Radio Altimeter system transceiver and test utilising appropriate test set e.g., 555	E8 (E23)	R			
76.	13.4	Locate and discuss remove / install procedure of radio altimeter antenna and tests	E8 (E23)	R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
77.	13.4	Identify Radio Altimeter system MMEL Requirements	E8 (E23)	R			
78.	13.4	Troubleshoot faulty Radio Altimeter system and rectify defects	E8 (E23)	R			
79.	13.5	Remove/Refit main battery and perform system test according to AMM	E1	E			
80.	13.5	Perform Battery (Ni-Cad) Capacity Check	E1	E			
81.	13.5	Remove / install generator / alternator / IDG and run a functional test according to AMM	E1 (E4) (E32)	E			
82.	13.5	Perform operation test of electrical load shedding system according to AMM	E1 (E32)	E			
83.	13.5	Perform operation test of generator priority to AC bus according to AMM	E1 (E32)	E			
84.	13.5	Remove / install generator control unit and functional test according to AMM	E1 (E32)	E			
85.	13.5	Remove / install voltage regulators and functional test according to AMM	E1 (E32)	E			
86.	13.5	Remove / install transformer rectifier units (TRUs) and functional test according to AMM	E1 (E32)	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
87.	13.5	Remove / install Generator Breakers (GB) / Bus Tie Breakers (BTB) and functional test according to AMM	E1 (E32)	E			
88.	13.5	Remove / install current transformers and functional test according to AMM	E1 (E32)	E			
89.	13.5	Remove / install rotary inverters / static inverter and perform operational test according to AMM	E1	E			
90.	13.5	Remove / install electrical control panel and perform operational test according to IAW AMM	E1	E			
91.	13.5	Replace Circuit Breaker using Electrical Standard Wiring Practices Manual	E1	E			
92.	13.5	Identify Electrical Power System MMEL Requirements	E1	E			
93.	13.5	Troubleshoot faulty Electrical Power System and rectify defects	E1 (E32)	E			
94.	13.6	Perform replacement of ovens, boilers, and beverage makers in the galley and test	E4	E			
95.	13.6	Inspect cabin / cockpit emergency equipment for serviceability	E5	I			
96.	13.7	Discuss precaution and safety measures required before operating flight controls	E4 E5	E I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
97.	13.7	Perform horizontal stabilizer electric trim system functional tests	E4	E			
98.	13.7	Replace yaw damper coupler/computer and perform yaw damper system functional tests	E5	I			
99.	13.7	Perform Mach trim and Rudder limiter system functional tests	E5	I			
100.	13.7	Remove / install stall warning system stick shaker motor and perform functional tests	E5	I			
101.	13.7	Replace/ discuss angle of attack (AOA) sensor and perform system test according to AMM	E5	I			
102.	13.7	Remove / install fly by wire system components and test IAW AMM	E5	E I			
103.	13.7	Identify fly by wire system MMEL Requirements	E5	E I			
104.	13.7	Troubleshoot faulty fly by wire System and rectify defects	E5	E I			
105.	13.8	Remove / install airspeed indicator / altimeter / vertical speed indicator and test IAW AMM.	E7	I			
106.	13.8	Perform pitot/static system leak test using the pitot/static leak tester	E7	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
107.	13.8	Perform water drain from pitot/static system lines and leak test using the leak tester IAW AMM	E7	I			
108.	13.8	Perform calibration check of airspeed indicator / altimeter using the pitot/static test set	E7	I			
109.	13.8	Perform inspection checks on pitot probes and static ports as per the AMM	E7	I			
110.	13.8	Replace air data computer ADC/DADC and test IAW AMM.	E7	I			
111.	13.8	Identify pitot static / air data system MMEL Requirements	E7	I			
112.	13.8	Troubleshoot faulty pitot static / air data System and rectify defects	E7	I			
113.	13.8	Removal / installation of Exhaust Gas Temperature (EGT) / Turbine Gas Temperature (TGT) thermocouples and test IAW AMM.	E5	I			
114.	13.8	Perform inspection check of thermocouple harness and terminal lugs	E5	I			
115.	13.8	Replace / discuss total air temperature (TAT) probe and operation test	E7	I			
116.	13.8	Gyroscopic Instrument components replacement and functional tests.	E7	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
117.	13.8	Remove / install standby attitude indicator and operation test	E7	I			
118.	13.8	Removal / installation of Attitude Heading Reference System (AHRS) Computer and test IAW AMM.	E7	I			
119.	13.8	Removal / installation of Ground Proximity Warning System (GPWS) Computer and carry out operational test IAW AMM	E7	I			
120.	13.8	Removal / installation of directional gyro and carry out operational test IAW AMM	E7	I			
121.	13.8	Removal / installation of vertical gyro and carry out operational test IAW AMM	E7	I			
122.	13.8	Perform remote indicating compass swing and calculations	E7 (E29)	I			
123.	13.8	Perform standby compass swing and calculations	E7 (E29)	I			
124.	13.8	Removal / installation of Flight Data Recorder (FDR) and test IAW AMM	E7	I			
125.	13.8	Perform Flight Data Recorder (FDR) data retrieval IAW AMM	E7	I			
126.	13.8	Removal / installation of Electronic Flight Instrument System (EFIS) display units (EADI / EHSI) and test IAW AMM	E7	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
127.	13.8	Remove / install of Engine Indication and Crew Alerting System (EICAS/ECAM) display units and test IAW AMM	E7	I			
128.	13.8	Identify Electronic Flight Instrument System (EFIS) and display units (EADI / EHSI) MMEL Requirements	E7	I			
129.	13.8	Identify Engine Indication and Crew Alerting System (EICAS/ECAM) and display units MMEL Requirements	E5 E7	I			
130.	13.8	Troubleshoot faulty Electronic Flight Instrument System (EFIS) and Engine Indication and Crew Alerting System (EICAS/ECAM) and rectify defects	E5 E7	I			
131.	13.8	Remove / install of Engine vibration transducers at HP compressor / LP turbine case and test	E5	I			
132.	13.8	Perform operation test of master warning and caution annunciator lights	E7	I			
133.	13.9	Replace external lights and check the operation	E1	E			
134.	13.8	Replace cabin internal lights and passenger service lights and check the operation	E1	E			
135.	13.9	Perform operational test of passenger no smoking and fasten seat belt warning signs	E1	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
136.	13.9	Replace emergency lights power pack and test the system	E1	E			
137.	13.9	Replace and check the operation of internal and external Emergency lights	E1	E			
138.	13.9	Identify internal/external and emergency lighting systems MMEL Requirements	E1	E			
139.	13.10	Use download data from onboard maintenance system for fault monitoring and troubleshooting	E5 E7	I			
140.	13.10	Perform software load procedure on central maintenance system	E5 E7	I			
141.	13.10	Check post flight faults, current faults and fault history on MCDU for various aircraft systems	E5 E7	I			
142.	13.11	Check operation and indication of air cycle air-conditioning system	E4 E5	E I			
143.	13.11	Check operation and indication of Vapour cycle air-conditioning system	E4 E5	E I			
144.	13.11	Remove / install various temperature sensors of air-conditioning system and check operation	E4 E5	E I			
145.	13.11	Remove / install pressurisation outflow valve/safety valve in accordance with maintenance manual	E5 (E31)	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
146.	13.11	Remove and install cabin pressure controller in accordance with maintenance manual	E5 (E31)	I			
147.	13.11	Check operation of pressurisation system in accordance with maintenance manual	E5 (E31)	I			
148.	13.11	Identify air-conditioning and pressurisation system MMEL Requirements	E5	I			
149.	13.11	Troubleshoot faulty air-conditioning /pressurisation System and rectify defects	E5 (E31)	I			
150.	13.12	Remove / install engine fire detector element IAW AMM	E4	E			
151.	13.12	Perform inspection of engine fire detecting elements IAW AMM	E4	E			
152.	13.12	Perform engine fire switch operation test IAW AMM	E4	E			
153.	13.12	Replace engine fire extinguisher bottle squib and perform test	E4	E			
154.	13.12	Remove / install cargo smoke detector unit IAW AMM	E4	E			
155.	13.12	Perform test of cargo smoke detection and warning system IAW AMM	E4 E5	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
156.	13.12	Perform test of cargo fire extinguishing system IAW AMM	E4	E			
157.	13.12	Perform test of lavatory smoke detection and warning system	E4	E			
158.	13.12	Identify engine fire warning and cargo/lavatory smoke detection system MMEL Requirements	E4	E			
159.	13.12	Troubleshoot faulty engine fire warning and cargo/lavatory smoke detection system and rectify defects	E4	E			
160.	13.13	Identify hazards and discuss precaution and safety measures required during aircraft refueling/defueling and fuel transfer	E4 E5	E			
161.	13.13	Perform engine feed shut off valve operational test IAW AMM	E4	E			
162.	13.13	Perform fuel cross feed / transfer valve operational test IAW AMM	E4	E			
163.	13.13	Removal / installation of fuel quantity tank units and test IAW AMM.	E5	I			
164.	13.13	Perform inspection of fuel quantity system wiring inside the fuel for compliance of fuel tank safety requirements	E5	I			
165.	13.13	Perform calibration checks of fuel quantity indication system	E5	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
166.	13.13	Removal / installation of fuel flow transmitter and test	E5	I			
167.	13.13	Removal / installation of fuel low pressure switch and test	E5	E			
168.	13.13	Perform refueling / defueling of aircraft	E4	E			
169.	13.13	Identify fuel system MMEL Requirements	E4 E5	E I			
170.	13.13	Troubleshoot fuel quantity/pressure system and rectify defects	E4 E5	E I			
171.	13.14	Identify hazards and discuss precaution and safety measures required before pressurizing the hydraulic system	E4 E5	E I			
172.	13.14	Pressurisation / depressurization of the Hydraulic System	E4	E			
173.	13.14	Perform operation check of the hydraulic supply shutoff valves IAW AMM	E4	E			
174.	13.14	Removal / installation of hydraulic pressure switch / transmitter and test IAW AMM.	E5	E			
175.	13.14	Perform operational test of hydraulic system reservoir quantity indication IAW AMM	E5	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
176.	13.14	Perform operational test of hydraulic system temperature indication IAW AMM	E5	E			
177.	13.14	Identify hydraulic quantity/pressure/temperature system MMEL Requirements	E4 E5	E I			
178.	13.14	Troubleshoot hydraulic quantity/pressure/temperature system and rectify defects	E4 E5	E I			
179.	13.15	Perform operational test of propeller electric / pneumatic de-icing system IAW AMM	E4	E			
180.	13.5	Perform operational test of electric / pneumatic de-icing boots on wing and horizontal stabilizer IAW AMM	E4	E			
181.	13.15	Perform operational test of wing anti-ice system IAW AMM	E4	E			
182.	13.15	Carry out operational test of engine thermal anti-ice system IAW AMM	E4	E			
183.	13.15	Remove and install window heat control unit and test IAW AMM	E4	E			
184.	13.15	Perform operational test of pitot/static/AOA sensor heating IAW AMM	E4	E			
185.	13.15	Remove / install windshield wiper motor assembly IAW AMM	E4	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
186.	13.15	Identify engine and wing anti ice system MMEL Requirements	E4	E			
187.	13.15	Troubleshoot engine and wing anti ice system and rectify defects	E4	E			
188.	13.16	Remove / install landing gear position indication proximity sensors / switches IAW AMM	E5	E			
189.	13.16	Perform functional test of landing gear position indication and warning system	E5	E			
190.	13.16	Remove / install landing gear doors position indication proximity sensors / switches IAW AMM	E5	E			
191.	13.16	Perform functional test of landing gear doors position indication and warning system	E5	E			
192.	13.16	Remove / install air-ground sensing proximity sensors / switches IAW AMM	E5	E			
193.	13.16	Perform functional test of air-Ground sensing and warnings	E5	E			
194.	13.16	Identify landing gear and doors position indication system MMEL Requirements	E5	E			
195.	13.16	Troubleshoot landing gear and doors position indication system and rectify defects	E5	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
196.	13.16	Remove / install main wheel speed sensor IAW AMM	E4 E5	E I			
197.	13.16	Perform functional test of anti-skid system IAW AMM	E4 E5	E I			
198.	13.16	Perform functional test of autobrake system IAW AMM	E4 E5	E I			
199.	13.17	Identify hazards and discuss precaution and safety measures required for oxygen system	No Privileges	I			
200.	13.17	Remove / install crew oxygen system bottle IAW AMM	No Privileges	I			
201.	13.17	Observe safety precautions and service crew oxygen system using refill cart	No Privileges	I			
202.	13.17	Perform operational test of crew oxygen system	No Privileges	I			
203.	13.17	Perform operational test of passenger oxygen system	No Privileges	I			
204.	13.19	Remove / install toilet flush control unit and test	E4	E			
205.	13.19	Perform functional test waste tank qty indication	E5	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 13	Aircraft aerodynamics structures and systems					
206.	13.19	Perform functional test potable water qty indication	E5	I			
207.	13.20	Locate and identify Integrated Modular avionics systems controls and indications	E5 E8	I R			
208.	13.20	Integrated Modular Avionics, run a system test	E5 E8	I R			
209.	13.21	Perform operational test of passenger address system	E8	R			
210.	13.21	Perform operational test of cabin interphone system	E8	R			
211.	13.21	Perform operational test of Inflight entertainment system (IFE)	E8	R			
212.	13.21	Identify cabin system MMEL Requirements	E8	R			
213.	13.21	Troubleshoot cabin system and rectify defects	E8	R			
214.	13.22	Air Traffic Information Management Systems (ATIMS), run a system test (if installed)	E8	R			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 14	Propulsion					
1.	14.1	Remove and install engine FADEC EEC IAW AMM	E4 E5	E I			
2.	14.1	Check EEC programming plug for correct thrust rating of the engine installed	E4 E5	E I			
3.	14.1	Perform an engine FADEC EEC system test	E4 E5	E I			
4.	14.1	Remove and install APU ECU IAW AMM	E4 E5	E I			
5.	14.2	Replace engine exhaust gas temperature thermocouple / temperature sensors and functional tests	E5	I			
6.	14.2	Replace engine N1 tachometer and perform test	E5	I			
7.	14.2	Replace Engine Pressure Ratio (EPR) indication system components and test	E5	I			
8.	14.2	Replace engine N2 tachometer and Perform test	E5	I			
9.	14.2	Replace engine fuel pressure indication system components and test	E5	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/ exclusions	Sub-cat			
	Module 14	Propulsion					
10.	14.2	Replace engine fuel flow indication system components and test	E5	I			
11.	14.2	Replace engine oil pressure sensors and test	E5	I			
12.	14.2	Check operation of engine low oil pressure and differential pressure switch	E5	I			
13.	14.2	Replace engine fuel temperature sensors and test	E5	I			
14.	14.2	Replace engine oil temperature sensors and test	E5	I			
15.	14.2	Replace engine vibration indication system components and test	E5	I			
16.	14.2	Identify engine indication system MMEL Requirements	E5	I			
17.	14.2	Troubleshoot engine indication system and rectify defects	E5	I			
18.	14.3	Assist replacement of starter motor or starter valve	E5	I			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature

ARN



Part 66 Modular Licence Basic Practical Experience Logbook

Index No.	Part 66 Knowledge Module Reference	Task / Competence	Licence Category (Circle the relevant category)		A/C Registration or Workshop and WO/TC	Supervisor Signature, Name and Licence Number	Date (dd/mm/yyyy)
			Aircraft systems/exclusions	Sub-cat			
	Module 14	Propulsion					
19.	14.3	Perform test of starter motor and starter valve	E5	I			
20.	14.3	Remove / install ignition exciter box and test	E4	E			
21.	14.3	Remove / install igniter plugs and check operation	E4	E			
22.	14.3	Perform engine ignition system functional test	E4	E			

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature _____ ARN _____



Practical Maintenance Experience (on operating aircraft) Subcategories B2 (Electrical / Instrument /Radio)

The experience must have been gained from a representative cross-section of maintenance tasks on operating aircraft relevant to the category or subcategory. See AMC/GM for CASR Part 66 for information about what is a representative cross-section of maintenance tasks.

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category E / I / R	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category E / I / R	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name: _____ Signature: _____ ARN: _____ Page: _____



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category E / I / R	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Part 66 Modular Licence Basic Practical Experience Logbook

ATA	A/C Type and Registration Number	Maintenance Record Reference & Date	Description of work carried out	Task Type	Sub Category E / I / R	Supervisor name, signature, Licence number	Date (dd/mm/yyyy)

I declare that the information given in this form is true in every respect.

Logbook Holder's Name:

Signature:

ARN:

Page:



Appendix A

Typical Maintenance Tasks



Appendix A. Typical Maintenance Tasks

5 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
- 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.

6 Dimensions/Areas

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

7 Lifting and Shoring

Assist in:

- Jack aircraft nose or tail wheel
- Jack complete aircraft
- Sling or trestle major component.

8 Levelling/Weighing

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

9 Towing and Taxiing

- Prepare aircraft for towing

- Tow aircraft
- Be part of aircraft towing team.

10 Parking and Mooring

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

11 Placards and Markings

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

12 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.



18 Vibration and Noise Analysis (helicopters only)

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

21 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.

22 Autoflight

- Install servos
- Replace controller
- Replace amplifier
- Replacement of auto flight system LRUs in the case of fly-by-wire aircraft
- Check operation of autopilot
- Check operation of auto-throttle/auto-thrust
- Check operation of yaw damper

- Perform autopilot gain adjustments
- Perform mach trim functional check
- Check autoland system
- Check flight management systems
- Check stability augmentation system
- Troubleshoot faulty system.

23 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.

24 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 Relays
- Replace circuit breakers



- Adjust voltage regulator
- Change voltage regulator
- Amend electrical load analysis report
- Repair/replace electrical feeder cable
- Perform functional check of integrated drive/generator/alternator
- Perform functional check of emergency generator/alternator
- Perform functional check of voltage regulator
- Troubleshoot faulty system.

25 Equipment/Furnishings

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

26 Fire Protection

- Check fire bottle contents
- Check/test operation of fire/smoke detection and warning system

Part 66 Modular Licence Basic Practical Experience Logbook

- Check cabin fire extinguisher contents
- Check lavatory smoke detector system
- Check cargo panel sealing
- Install new fire bottle
- Replace fire bottle squib
- Inspect engine fire wire detection systems
- Troubleshoot faulty system.

27 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



- 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
- Troubleshoot faulty system.

28 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
- Fuel quantity indication and calibration
- Check operation feed/selectors
- Check operation of fuel dump/jettison system
- Fuel transfer between tanks
- Pressure de-fuel
- Pressure refuel (auto and manual control)
- Deactivation/reactivation of the fuel valves (transfer defuel, X-feed, refuel)
- Troubleshoot faulty system.

Part 66 Modular Licence Basic Practical Experience Logbook

29 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.

30 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
- Operational test of the engine air-intake ice protection (with engines in operation)
- Troubleshoot faulty system.



31 Indicating/recording system

- Replace flight data recorder (FDR)
- Replace cockpit voice recorder
- Replace clock
- Pitot/static components replacement
- Pitot/static components leak test
- Replace Direct Reading compass
- Direct Reading Compass calibrations
- Replace master caution unit
- Perform flight data recorder data retrieval
- Implement ESD procedures
- Inspect for HIRF requirements
- Start/stop EIS procedure
- Bite test of the CFDIU
- Ground scanning of the central warning system
- Troubleshoot faulty system.

32 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
- Test autobrake system
- Replace rotorcraft skids.
- Replace rotorcraft skid shoes
- Pack and check floats
- Check/test emergency blowdown
- Landing gear retraction test – Normal
- Landing gear emergency extension test
- Operational test of the landing gear doors
- Troubleshoot faulty system.

33 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.

34 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
- Check marker systems
- Compass replacement direct/indirect
- Check Satcom
- Check GPS
- Test AVM
- Troubleshoot faulty system.

35 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.

36 Pneumatic Systems

- Replace filter
- Replace air shut off valve
- Replace pressure regulating valve
- Replace compressor
- Recharge desiccator
- Adjust regulator
- Check for leaks
- Troubleshoot faulty system.

37 Vacuum Systems

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

38 Water/Waste

- Replace water pump
- Replace tap



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

42 Integrated Modular system

- Core system
- Network components
- Perform BITE check
- Troubleshoot faulty system.

44 Cabin System

- Inflight Entertainment System
- Cabin Monitoring System
- Perform BITE check
- Troubleshoot faulty system.

45 Central Maintenance System

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

46 Information System

- Airplane Information System
- Flight Deck Information System
- Maintenance Information System
- Perform BITE check
- Troubleshoot faulty system.

Part 66 Modular Licence Basic Practical Experience Logbook

47 Inert Gas system

- Generation/Distribution
- Control and Indication
- Perform Operational/BITE check
- Troubleshoot faulty system.

49 Airborne Auxiliary power (APU)

- Install APU
- Inspect hot section
- Troubleshoot faulty system.

50 Cargo and Accessory Compartments

- Cargo Compartments
- Cargo Loading
- Accessory Compartments
- Perform Operational/BITE check
- Troubleshoot faulty system.

51 Structures

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

52 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
- 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
- Troubleshoot faulty system.

56 Windows

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

57 Wings

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

60 Standard Practices – Propeller/Rotor

- Standard Practices.

61 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.

62 Rotors

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

63 Rotor Drive

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

64 Tail Rotors

- Install rotor assembly



- Replace blades
- Troubleshoot.

65 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.

67 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.

71 Power Plant

- Build up ECU
- Replace engine
- Repair cooling baffles

- Repair cowling
- Adjust cowl flaps
- Repair faulty wiring
- Assist in dry monitoring check
- Assist in wet monitoring check
- Assist in engine start (manual mode)
- Troubleshoot.

72 Piston Engines

- Remove/install reduction gear
- Check crankshaft run-out
- Check tappet clearance
- Check compression
- Extract broken stud
- Install Heli coil
- Perform ground run
- Establish/check reference RPM
- Troubleshoot.

72 Turbine Engines

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



73 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.

73 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
- Functional test of FADEC
- Troubleshoot faulty system.

74 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.

74 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.

76 Engine Controls

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

77 Engine Indicating

- Replace engine instrument(s)
- Replace oil temperature bulb
- Replace thermocouples
- Check calibration



- Troubleshoot faulty system.

78 Exhaust – Piston

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

78 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.

79 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.

80 Starting

- Replace starter

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

81 Turbines – Piston Engines

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

82 Engine Water Injection

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

83 Accessory Gearboxes

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



Australian Government
Civil Aviation Safety Authority

Part 66 Modular Licence Basic Practical Experience Logbook

This page is intentionally left blank.