Australian Government
Civil Aviation Safety Authority

Part 66 Modular Licence – Basic Practical Experience Logbook User Guide

February 2024

Acknowledgement of Country

The Civil Aviation Safety Authority (CASA) respectfully acknowledges the Traditional Custodians of the lands on which our offices are located and their continuing connection to land, water and community, and pays respect to Elders past, present and emerging.

Inside front cover artwork: James Baban.

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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.

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References

Acronyms

The acronyms and abbreviations used in this handbook are listed in the table below.

Table 1.   Acronyms

Acronyms and abbreviation	Description
AMO	Approved Maintenance Organisation
ARN	Aviation Reference Number
ATA	Air Transport Association
BITE	Built In Test Equipment
CASA	Civil Aviation Safety Authority
CASR	Civil Aviation Safety Regulations 1998
LAME	Licensed Aircraft Maintenance Engineer
LRU	Line Replaceable Unit
MOS	Manual of Standards
MPL	Maintenance Personnel Licensing
MTO	Maintenance Training Organisation

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Reference material

The reference material used in this handbook are listed in the table below.

Legislation

Legislation is available on the Federal Register of Legislation website https://www.legislation.gov.au/

Document	Title
Civil Aviation Safety Regulations	Civil Aviation Safety Regulations 1998 (CASR)
Part 66 of CASR	Continuing airworthiness—aircraft engineer licences and ratings
Part 145 of CASR	Continuing airworthiness—Part 145 approved maintenance organisations
Part 147 of CASR	Continuing airworthiness—Part 147 maintenance training organisations
Part 66 MOS	Part 66 Manual of Standards

Forms

CASA's forms are available at http://www.casa.gov.au/forms

Form number	Title
CASA-04-5671	Part 66 Aircraft Engineer Licence (self-study) application form

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Revision history

Revisions to this handbook are recorded below in order of most recent first.

Table 2. **Revision history**

Version number	Date	Parts and sections	Details
1.0	February 2024	All	Initial issue

Section A – Instructions for use

General Information

The Part 66 Modular Licence Basic Practical Experience Logbook has been developed by the Civil Aviation Safety Authority (CASA) as the means of recording basic practical experience, to:

- support an application to CASA for the initial issue of a Part 66 aircraft engineer modular licence,

pending amendment of regulation 66.072.

- to remove exclusions (as more experience is gained and where applicable, passing further exams) to add to the scope of an existing licence.

The modular licence logbook should only be used by applicants who have utilised CASA's Part 66 self-study training pathway to qualify for a modular licence. The format and layout of the logbook is designed to enable a progressive recording of personal data and ongoing work experience by the logbook holder, allowing for an accurate assessment by CASA at time of application for a licence.

The modular licence logbook consists of two sections:

- Section A – "The Logbook User Guide"
- Section B – "The Logbook".

When compiling evidence of your basic practical experience in the logbook, the information and instructions in Section A (The Logbook User Guide) shall be followed.

Section A – The Logbook User Guide

The Logbook User Guide provides the logbook holder with information and instructions about how to record in the logbook, evidence of their:

- basic skills practical experience, and
- practical maintenance experience (on operating aircraft).

Section B – The Logbook

The Logbook is divided into five parts:

- **Part 1** – Personal Information
- **Part 2** – Basic Skills Practical Experience – (Common Tasks)
  Module 7 Maintenance Practices for Category B1 & B2 (initial issue) modular licences
- **Part 3** – Basic Skills Practical Experience – (Specific Tasks)
  Category B1 Airframe (aeroplanes & helicopters) modular licences
- **Part 4** – Basic Skills Practical Experience – (Specific Tasks)
  Category B1 Powerplant (turbine & piston) modular licences
- **Part 5** – Basic Skills Practical Experience – (Specific Tasks)
  Category B2 (Electrical / Instrument / Radio) modular licences

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

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Complete the following parts / subparts of the logbook and submit with your licence application:

> **Note 1:** Those tasks labelled as 'initial' tasks under Part 2 of the logbook are only required to be submitted with an application for your first (initial issue) modular licence.
>
> **Note 2:** For category B2 (E / I / R) modular licences – submit basic skills common tasks labelled as 'initial' tasks under Part 2 of the logbook and basic skills specific tasks (identified in Part 5 of the logbook), for the respective B2 modular licence being applied for.

- Subcategory B1.1 or B1.2 Airframe (aeroplane) modular licence
  - Part 1
  - Part 2
  - Subpart 3A, and
  - Practical maintenance experience (on operating aircraft).
- Subcategory B1.3 or B1.4 Airframe (helicopter) modular licence
  - Part 1
  - Part 2
  - Subpart 3B, and
  - Practical maintenance experience (on operating aircraft).
- Subcategory B1.1 or B1.3 Powerplant (turbine) modular licence
  - Part 1
  - Part 2
  - Subpart 4A, and
  - Practical maintenance experience (on operating aircraft).
- Subcategory B1.2 or B1.4 Powerplant (piston) modular licence
  - Part 1
  - Part 2
  - Subpart 4B, and
  - Practical maintenance experience (on operating aircraft).
- Category B2 (Electrical systems or Instrument systems or Radio systems) (E / I / R) modular licence
  - Part 1
  - Part 2
  - Part 5, and
  - Practical maintenance experience (on operating aircraft).

Basic practical experience must have been gained by the applicant during the 10-year period before the date of application for the modular licence. For requirements of recent experience gained on aircraft, refer to section 66.A.30 of the Part 66 MOS.

The modular licence logbook is downloadable from CASA's website.

Applicants are advised to only submit their completed "Section B – The logbook" to CASA with their licence application.

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1   Completion of the logbook

1.1   The Logbook Holder

1.1.1   Responsibility

The logbook holder is responsible for documenting correctly and accurately, evidence of his/her:

- Basic skills practical experience, and

- Practical maintenance experience (on operating aircraft), on completion of each task.

1.1.2   Basic Skills Practical Experience Tasks (Common Tasks / Specific Tasks)

(see Part 2, Subparts 3A and 3B, Subparts 4A and 4B, and Part 5 of the logbook)

When compiling basic skills practical experience in the logbook, the logbook holder will ensure that:

- All entries in the logbook are made in black ink.

- Each page of the logbook is identified by the logbook holder's name, signature and ARN (this is for traceability and identification purposes).

- At least 80% of the basic skills tasks (listed in each table in each Part / Subpart of the logbook) in each relevant Part 66 knowledge module reference have been performed relevant to the licence being applied for.

- Each task has been supervised and signed by either an assessor, supervisor, or an authorised person (as close as reasonably practical), at the time the basic skills task is performed.

> **Note 1:** It is important to note that the logbook holder may not certify their own entries in the logbook.
>
> **Note 2:** Only attempt basic skills tasks for which you have completed the basic knowledge module(s) and relevant exam(s). CASA will not consider evidence of completion of any basic skills task without also attaining the relevant basic knowledge of the task, as satisfying competence for the task for a licence outcome.

1.1.3   Practical Maintenance Experience (on operating aircraft)

(see Subparts 3A and 3B, Subparts 4A and 4B, and Part 5 of the logbook)

When compiling practical maintenance experience (on operating aircraft) in the logbook, the logbook holder will ensure that:

- All entries in the logbook are made in black ink.

- Each page of the logbook is identified by the logbook holder's name, signature and ARN (this is for traceability and identification purposes).

- Multiple recordings of the same task are not made, as this will not satisfy the total experience requirements.

- The recorded entries in each relevant ATA chapter are of sufficient variety and complexity (see subsection 5.2 of this User Guide).

- Each task has been performed under supervision of a supervisor directly responsible for the task being carried out.

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> **Note:** The applicant must continue recording experience in all ATA chapters that are applicable to the licence being applied for, until they are ready to make application for the licence.

1.2   The Assessor/Supervisor

An Assessor or Supervisor may be any one of the following:

1. An appropriately qualified CASR Part 147 maintenance training organisation (MTO) employee authorised by the organisation under the terms of its approval to carry out the assessment of basic skills practical experience.

2. An appropriately qualified CASR Part 66 aircraft engineer licence holder employed by a CASR Part 145 approved maintenance organisation (AMO) and authorised by a CASR Part 147 MTO to carry out the assessment of basic skills practical experience on behalf of the MTO.

3. An appropriately qualified CASR Part 66 aircraft engineer licence holder, holding the category privilege, who may be working as an independent LAME, or who is employed by a CASR Part 145 AMO or other CASA approved maintenance organisation.

1.2.1   Responsibility

When signing for the completion of:

- basic skills practical experience tasks (common tasks and specific tasks), and

- practical maintenance experience tasks (on operating aircraft) - (ref: Subparts 3A and 3B, Subparts 4A and 4B, and Part 5 of the logbook),

the Assessor, Supervisor, or other appropriate individual authorised by CASA (see subsection 1.2 above), shall:

- confirm the required entries by appending his/her name, signature and licence number in the appropriate column, and

- ensure each practical maintenance experience task on operating aircraft has been signed by the supervisor directly responsible for the task being carried out, and

- ensure each task has been signed (as close as reasonably practical), at the time the task is performed.

In verifying the completion of tasks, the co-signer is confirming that the logbook holder has successfully completed the task and is competent to:

- identify the appropriate standards

- select and use the correct tools for the task/process

- perform the task correctly without supervision; and

- complete the necessary maintenance documentation.

> **Note 1:** Final sign-off of a task should not be made until the supervisor is satisfied that the logbook holder has gained experience of all significant aspects of the job.
>
> **Note 2:** 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.

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2 Part 1 – Personal Information

Part 1 of the logbook is used to record the personal information of the logbook holder, including employment history and the duration of the logbook holder's practical maintenance experience. It also has an assessment record history page where CASA will record any previously performed logbook assessments.

2.1 Personal Data

This section contains provision for recording the logbook holder's name, aviation reference number (ARN), present address, phone number and the modular licence category or sub-category being applied for.

2.2 Licence category applied for

This section contains a table for the logbook holder to identify the category or subcategory of modular licence they are applying for.

2.3 Employment Record

This section contains provision for recording the logbook holder's employment history. Employment record entries should be confirmed by a senior member of the employer's organisation holding the appropriate authority.

2.4 Basic Practical Experience Duration Checklist

This section contains a table for the logbook holder to record their duration of practical maintenance experience attained across months and years. The table provides a quick summary of an applicant's practical experience duration, which will enable CASA to quickly determine whether the applicant has satisfied the minimum duration of practical experience required for the modular licence being applied for (see 66.A.30 of the 66 MOS), before assessment of the applicant's recorded evidence in the logbook.

2.5 CASA (MPL) Assessment Record

This section contains a table (for CASA use only), used to record the assessment history of an applicant's logbook.

The table will enable CASA to quickly determine which sections of the logbook and practical experience evidence have been previously assessed and considered for a licence by CASA.

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3 Part 2 – Basic Skills Practical Experience (Common Tasks)

Part 2 of the logbook is to be used by an applicant to record their achievement of basic skills experience (common tasks), to support an application for the initial issue of a category B1 or category B2 Part 66 aircraft engineer modular licence.

The list of basic skills common tasks consists of those general maintenance practices and practical skills topics found under *Module 7 – Maintenance Practices*, of the Part 66 basic knowledge syllabus, considered essential for an applicant to have achieved. The basic skills common tasks may be carried out on an in-service aircraft, workshops, training equipment or on simulators.

In addition, column 4 of the table under Part 2 of the logbook, identifies those basic skills common tasks required for initial issue of a category B1 or category B2 modular licence (identified as 'initial'), and those tasks required for removal of a particular exclusion from a modular licence (identified by the 'E?' number applicable to the excluded aircraft system).

> **Note:** Those tasks labelled as 'initial' under Part 2 of the logbook are only required to be submitted with an application for your first (initial issue) modular licence.

3.1 Basic skills requirements for initial issue of a category B1 or category B2 modular licence

All applicants are to use the following guidelines for the achievement of required basic skills practical experience (common tasks), when applying for an initial issue of a modular licence.

An applicant:

- who applies for an initial category B1 modular licence, is required to complete **at least 80%** of the basic skills tasks (both those identified as 'initial' tasks and 'E?' tasks) listed in the table under Part 2, relevant to the B1 modular licence being applied for.

- who applies for an initial category B2 modular licence, is required to complete **at least 80%** of the basic skills tasks (both those identified as 'initial' tasks and 'E?' tasks) listed in the table under Part 2, relevant to the B2 modular licence being applied for.

3.2 Applying aircraft system exclusions to an initial licence

Column 4 of the table under Part 2 of the logbook, identifies:

- the basic skills common tasks applicable to a particular aircraft system exclusion (E?) related to a category B1 or category B2 modular licence.

If an applicant cannot show evidence in their logbook of achievement of at least 80% of the basic skills tasks identified for a particular exclusion, CASA will endorse the licence with that exclusion. This means the licence holder is excluded from certification privileges for that particular aircraft system.

For example:

CASA assesses an applicant's logbook and determines the applicant has not achieved the minimum basic skills tasks relating to the E2 exclusion. As a result, CASA applies the *E2 – excluding mechanical or structural systems* exclusion to the licence. The scope of the licence excludes the licence holder from certifying for maintenance carried out on aircraft mechanical or structural systems.

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Note 1: Pending amendment of regulation 66.072, licence holders will be able to utilise CASA's Part 66 self-study pathway to remove an exclusion from their licence.

Note 2: To remove an exclusion from a licence, an applicant must submit evidence of their practical experience gained and module exam(s) passed, relevant to the excluded aircraft system they are seeking to have removed from their licence.

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4 Part 3 / Part 4 / Part 5 – Basic Skills Practical Experience (Specific Tasks)

Part 3, Part 4 and Part 5 of the logbook is to be used by an applicant to record their achievement of:

- basic skills practical experience (specific tasks), and

- practical maintenance experience (on operating aircraft) – (see section 5 below),

to support:

- an application to CASA for initial issue of a category B1 or category B2 modular licence,

and (pending amendment of regulation 66.072):

- the removal of an exclusion(s) (as more experience is gained and where applicable, passing further exams) to add to the scope of an existing licence.

Each list of basic skills (specific tasks) in the tables in Subparts 3A and 3B, Subparts 4A and 4B and Part 5 of the logbook, consists of those maintenance practices and practical skills topics considered essential for an applicant to have achieved for each particular modular licence outcome. These basic skills specific tasks may be carried out on an in-service aircraft, or in the workshop.

In addition, column 4 of each table under Subparts 3A and 3B, Subparts 4A and 4B and Part 5 of the logbook, identifies those basic skills specific tasks (identified as 'initial'), required for issue of the modular licence related to that Subpart or Part, and those tasks required for removal of a particular exclusion from a modular licence (identified by the 'E?' number applicable to the excluded aircraft system).

At least 80% of the basic skills specific tasks (listed in each table under Subparts 3A and 3B, Subparts 4A and 4B, and Part 5 of the logbook – as applicable) in each relevant Part 66 knowledge module reference (in column 2 of the table) must be performed for the licence being applied for.

4.1 Compilation of Basic Skills Practical Experience

The basic skills practical experience (common tasks and specific tasks) parts and subparts of the logbook are set out in the following general format. When compiling the basic skills practical experience, the following information and instructions for each column shall be observed:

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/yyy)

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Index No.	Provides a number for each task/competence for easy reference.
Part 66 Knowledge Module Reference	Provides a reference to the knowledge module found in the Part 66 Manual of Standards (MOS), Appendix I, Part 3 – Details of modules and knowledge that relates to the listed task.
Task / Competence	Provides a description of the task/competence to be achieved. The basic skills (common tasks and specific tasks) identified in Parts 2, 3, 4 and 5 of the logbook are required to satisfy the Part 66 MOS, section 66.A.30 – Basic practical experience requirements and relate directly to the corresponding basic knowledge modules in Part 66 MOS, Appendix I, Part 3.
Licence Category (B1 / B2)	The reference in this column indicates which licence category or subcategory the task/competence described is required. Circle the relevant category or subcategory for each task accomplished.
A/C registration or Workshop and WO/TC	The entries made in this column state where the task has been performed (on the aircraft or in the workshop) with a work order (WO) or task card (TC) reference to allow traceability.
Supervisor Signature, Name and Licence No.	Each entry must be signed by an authorized Assessor, Supervisor or a CASA authorized person with their name, signature and licence number. This is to certify that the logbook owner has achieved the required competence on the task and the task has been performed under his/her supervision at the time the required skill is gained.
Date (dd/mm/yyyy)	Indicates the day of completion of the supervised task.

4.2 Subpart 3A – Subcategory B1.1 or B1.2 airframe (aeroplane) modular licence

4.2.1 Requirement for the privileges of exclusion E9 – fabric surfaces and exclusion E10 – wooden structures

Subpart 3A of the logbook sets out the basic skills practical experience (specific tasks) for applicants seeking a subcategory B1.1 or B1.2 airframe (aeroplane) modular licence.

For applicants seeking privileges on their airframe licence that includes fabric surfaces and wooden structures, completion of the basic skills specific tasks relating to fabric surfaces and wooden structures (mapped to knowledge Module 6 - subjects 6.3.2 and 6.3.3) is required.

For applicants who are unable to achieve these optional basic skills specific tasks; the licence will be issued with the following exclusions:

- E9 — excluding fabric surfaces (subcategory B1.1 or B1.2)
- E10— excluding wooden structures (subcategory B1.2).

> **Note:** (Ref: Subpart 3A of the logbook for listing of the required basic skills specific tasks for fabric surfaces and wooden structures).

4.3 Subpart 4A – Subcategory B1.1 or B1.3 powerplant (turbine) modular licence

4.3.1 Requirement for the privilege of exclusion E12 – propellers

Subpart 4A of the logbook sets out the basic skills practical experience (specific tasks) for applicants seeking a subcategory B1.1 or B1.3 powerplant (turbine) modular licence.

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For applicants seeking privileges on their subcategory B1.1 powerplant (turbine) licence that includes propellers, completion of the basic skills specific tasks relating to propellers (mapped to knowledge Module 17) is required to maintain turbo-propeller aeroplanes.

For applicants who are unable to achieve these optional basic skills specific tasks; the licence will be issued with the following exclusion:

- E12 — excluding propellers (subcategory B1.1).

> **Note 1:** Ref: Subpart 4A of the logbook for listing of the required basic skills specific tasks for propellers.
>
> **Note 2:** Knowledge of propellers is not required for the subcategory B1.3 powerplant (turbine) modular licence.
>
> **Note 3:** knowledge of propellers is optional for the subcategory B1.1 powerplant (turbine) modular licence and only required to maintain turbo-propeller aeroplanes.

4.4 Subpart 4B – Subcategory B1.2 or B1.4 powerplant (piston) modular licence

4.4.1 Requirement for the privilege of exclusion E12 – propellers

Subpart 4B of the logbook sets out the basic skills practical experience (specific tasks) for applicants seeking a subcategory B1.2 or B1.4 powerplant (piston) modular licence.

For applicants seeking a subcategory B1.2 powerplant (piston) licence, completion of the basic skills specific tasks relating to propellers (mapped to knowledge Module 17) is also required.

For applicants who are unable to achieve the basic skills specific tasks for propellers; the licence will be issued with the following exclusion:

- E12 — excluding propellers (subcategory B1.2).

> **Note 1:** Ref: Subpart 4B of the logbook for listing of the required basic skills specific tasks for propellers.
>
> **Note 2:** Knowledge of propellers is not required for the subcategory B1.4 powerplant (piston) modular licence.

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5   Part 3 / Part 4 / Part 5 – Practical Maintenance Experience (on operating aircraft)

Subpart 3A and 3B, Subpart 4A and 4B and Part 5 of the logbook, is also to be used by an applicant to record their achievement of practical maintenance experience (on operating aircraft), relevant to the category or subcategory of modular licence being applied for, to support:

- an application to CASA for initial issue of a category B1 or category B2 modular licence,

and (pending amendment of regulation 66.072),

- the removal of an exclusion(s) (as more experience is gained and where applicable, passing further exams) to add to the scope of an existing licence.

Before submitting an application, the applicant must have acquired the required duration, variety and complexity of practical maintenance experience relevant to the category or subcategory of modular licence being applied for, as specified under section 66.A.30 of the Part 66 MOS.

5.1   Relevant ATA Chapters

Appendix A in this modular licence logbook User Guide, provides guidance to an applicant on relevant ATA chapters applicable to the category or subcategory of licence.

5.2   Variety and Complexity of Practical Maintenance Experience

Licence applicants are required to demonstrate experience across a variety and complexity of different tasks under each applicable ATA chapter, which could be achieved within a maintenance environment.

Depending on the category or subcategory of modular licence being applied for, 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
- **MOD** – Modification.

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 subcategory of modular licence they are seeking to be granted.

5.3   Compilation of Practical Maintenance Experience

The practical maintenance experience pages (in Subpart 3A and 3B, Subpart 4A and 4B and Part 5 of the logbook), are set out in the following general format. When recording your experience, the following information and instructions for each column shall be observed:

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> **Note:** It is recommended the licence applicant records all maintenance experience in this section that they have carried out. This will assist CASA's assessment in determining whether the applicant has satisfied the practical maintenance experience requirements.

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

ATA Chapter	Enter the ATA chapter number which best describes most of the maintenance activity carried out.
A/C Type & Registration Number	Enter the type of aircraft and its registration number beside each maintenance task.
Maintenance Record Reference & Date	Enter the maintenance record reference number from the AMO's maintenance records where the maintenance activity was recorded (i.e., Work Order, Task Card or Maintenance Log page and date) and the date the task was carried out.
Description of work carried out	Enter a detailed description of the maintenance task accomplished.
Task Type	Identify the task type using one of the listed terms below:
	INSP – Inspection
	REP – Repair
	R/I – Removal / Installation
	TS – Troubleshooting & Rectification
	FOT – Functional / Operational Test
	SGH – Service and Ground Handling
	MOD – Modification.
Subcategory	Identify the category or subcategory of modular licence being applied for.
Supervisor Name, Signature, Licence number	Each task entry must be signed by the Part 66 aircraft engineer licence holder or CASA authorised person, with their name, signature and licence number (if applicable), to verify that the logbook holder has performed the required task correctly under his/her supervision
Date (dd/mm/yyyy)	Enter the date when the maintenance activity was performed.

5.4   Practical Maintenance Experience Logbook page(s):

- Add additional Practical Maintenance Experience Logbook pages as required.
- Put your name, signature and ARN on each page.
- Insert a new page number in the footer of each page to show continuity in experience and for tracking purposes.

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The logbook should be kept as whole. An incomplete submitted logbook may lead to a less than desirable Part 66 licence application outcome (more exclusions applied or a rejected application).

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Appendix A – Relevant ATA Chapters

ATA	TOPIC	CATEGORY/SUB-CATEGORY				
		A1/B1.1	A2/B1.2	A3/B1.3	A4/B1.4	B2
5	Time Limits / Maintenance Checks	X	X	X	X	X
6	Dimensions / Areas, Zonal & Station Identification Systems	X	X	X	X	X
7	Lifting and Shoring	X	X	X	X	-
8	Levelling / Weighing	X	X	X	X	X
9	Towing	X	X	X	X	-
12	Servicing	X	X	X	X	-
21	Air Conditioning & Pressurisation * For B2 Pressurisation only.	X	X	X	X	X*
22/23/34	Avionics Systems (for category A and B1): LRU replacement of Auto flight, Communication, Radio and Navigation systems where functional checks can be conducted as a simple test.	X	X	X	X	-
22	Auto Flight	-	-	-	-	X
23	Communications	-	-	-	-	X
24	Electrical Power System	X	X	X	X	X
25	Equipment & Furnishing: * For B2 - ELT and underwater locating beacon.	X	X	X	X	*B2
26	Fire Protection Systems	X	X	X	X	X
27	Flight Controls * For B2 - fly by wire.	X	X	X	X	X*

ATA	TOPIC	CATEGORY/SUB-CATEGORY				
		A1/B1.1	A2/B1.2	A3/B1.3	A4/B1.4	B2
28	Fuel Systems	X	X	X	X	X
29	Hydraulic Power	X	X	X	X	X
30	Ice & Rain Protection	X	X	X	X	X
30	Propeller Ice Protection	X	X	-	-	-
31	Indicating/ Recording Systems (for category A and B1) LRU Replacement where functional checks can be conducted as a simple test	X	X	X	X	-
31	Indicating/ Recording Systems	-	-	-	-	X
32	Landing Gear	X	X	X	X	X
33	Lights	X	X	X	X	X
34	Navigation	-	-	-	-	X
35	Oxygen	X	X	X	X	-
36/37	Pneumatics / Vacuum	X	X	X	X	X
38	Water / Waste	X	X	-	-	X
42	Integrated Modular Avionics	-	-	-	-	X
44	Cabin Systems	X	X	-	-	X
45	On Board Maintenance System	X	X	-	-	X
49	Auxiliary Power units (APUs)	X	X	-	-	X
51	Airframe Structure	X	X	X	X	-
52/53/56	Doors/ Fuselage/Windows	X	X	-	-	-

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ATA	TOPIC	CATEGORY/SUB-CATEGORY				
		A1/B1.1	A2/B1.2	A3/B1.3	A4/B1.4	B2
54	Nacelles / Pylons	X	X	-	-	-
55/57	Stabilizers/Wings	X	X	-	-	-
61	Propellers (not required for B1.1 for ono-propeller engines)	X	X	-	-	-
62/63/64/65/67	Blade tracking and vibration analysis, Transmissions, Airframe structure, Main Rotor, Tail rotor / rotor drive, Rotor flight control	-	-	X	X	-
70	Standard Practices Engine - Piston Engines	-	X	-	X	-
71	Powerplant General - Piston Engines	-	X	-	X	-
73	Engine Fuel and Control - Piston Engines	-	X	-	X	-
74	Ignition - Piston Engines	-	X	-	X	X
77	Engine Indicating - Piston Engines	-	X	-	X	X
80	Starting - Piston Engines	-	X	-	X	X
81	Supercharging / Turbocharging - Piston Engines	-	X	-	X	-
70	Standard Practices Engine - Turbine Engines	X	-	X	-	-
71	Powerplant General - Turbine Engines	X	-	X	-	-
72	Engine - Turbine Engines	X	-	X	-	-
72	Engine - Turbo-prop Engines	X	-	-	-	-
72	Engines - Turbo-shaft Engines	-	-	X	-	-
73	Engine Fuel and control - Turbine Engines	X	-	X	-	X
74	Ignition - Turbine Engines	X	-	X	-	X

ATA	TOPIC	CATEGORY/SUB-CATEGORY				
		A1/B1.1	A2/B1.2	A3/B1.3	A4/B1.4	B2
75	Air - Turbine Engines	X	-	X	-	X
76	Engine Controls – Turbine Engines	X	-	X	-	X
77	Engine Indicating - Turbine Engines	X	-	X	-	X
78	Exhaust - Turbine Engines	X	-	X	-	X
79	Oil - Turbine Engines	X	-	X	-	X
80	Starting - Turbine Engines	X	-	X	-	X
82	Water Injection - Turbine Engines (if fitted)	X	-	X	-	-
83	Accessory Gearboxes - Turbine Engines	X	-	X	-	-
-	Defect Diagnosis and Rectification	X	X	X	X	X
-	Mandatory Inspection and Modification	X	X	X	X	X

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