Aircraft Maintenance Engineer's Basic Practical Logbook

Personal Data please print

Family Name: _____ First Name: _____

Date of Birth: _____ Nationality: _____

Full address: _____

_____

License Category applied for (EASA Form 19): circle your category

Aeroplane Turbine	Aeroplane Piston	Helicopter Turbine	Helicopter Piston	Avionics	Aeroplane Piston < 2 t
A1	A2	A3	A4		
B1.1	B1.2	B1.3	B1.4	B2	B3

Training period

Categorie: _____ Start date: _____ End date: _____

Categorie: _____ Start date: _____ End date: _____

Categorie: _____ Start date: _____ End date: _____

The required tasks for the encircled category have been performed and the required competence achieved in performing safe maintenance.

Name and Signature of Employer: _____

Signature of trainee: _____

About this document

This logbook is supported by the Swiss Federal Office of Civil Aviation FOCA/BAZL and Swiss Aircraft Maintenance Association SAMA/SVFB. It provides the recommended means of recording basic practical maintenance training in order to support an application to the authority for the issue or variation of an Aircraft Maintenance License in accordance with EASA Part-66 and related guidance. Its structure guides the applicant's recordings in view of a quick and accurate assessment of his/her training and technical knowledge. In order to make it a widely used reference, this logbook is downloadable at FOCA and SAMA websites: www.bazl.admin.ch or www.svfb.ch

General Information

1. All entries in this logbook shall be made in ink.
2. When used in support of an application for a license, **any false entry in the logbook will constitute a legal offence.**
3. Entries in the logbook shall be made personally by the logbook holder and countersigned by an authorised person (e.g. instructor or mentor, Part-147, -145, M/F or FOCA authorised person). For identification reason, list the designated mentor/ instructor in the table below.
4. Leave unused fields open. They might later be used for a license extension.

Instructor / Mentor list

Last Name	First Name	License Nr	Signature

Completion of the Log pages

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

Index	ATA	Task / Competence	Licence Category A B1 B2 B3	A/C Registration or Workshop or Workorder	Instructor / Mentor and Company	Date (ddmmyy)

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

Index: Numbering of the items for easy reference

ATA chapter: Reference to ATA 100 classification

Task / Competence: Describes the task to be performed or competence to be obtained. The tasks identified in this section are agreed between FOCA and SAMA, to satisfy EASA Part 66 basic practical knowledge and experience requirements. The training may be carried out on in service aircraft, in workshops, on training equipment or on simulators.

License category: The references in this column indicate for which license category the task / competence described is required. Circle the license category for which your basic training is intended in the header of each page.

A/C Registration or Workshop or Workorder: The entries made in this column state where the task has been performed, to allow traceability. In case of extensive work, it may be useful to add a detailed work report to the logbook folder

Instructor and /mentor Company: Each entry must be signed by an instructor/mentor, with full name and organisation, to certify that the logbook owner has *and* achieved the required competence on the subject or that the task has been carried out correctly under his supervision.

Date: Indicates the date of closure/certifying by the authorised person.

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Index No.	ATA-Chapter	Part-66 Modul	Task / Competence *Encircle the relevant category:*	Licence Category A B1 B2 B3	A/C Registr. or Workshop or Workorder	Mentor/ Instructor and Company	Date (ddmmyy)
1	**20**	**7.1 - 7.3**	**Safety Precautions, Workshop Practices and Tools (M7.1 - 7.3)**	**A B1 B2 B3**			
2		7.1	Explain hazards when working with aircraft related to noise, heat, moving surfaces, propellers, rotors, intakes, exhausts	A B1 B2 B3			
3		7.1	Demonstrate safety precautions when using fluids	A B1 B2 B3			
4		7.1	Demonstrate safety precautions when using gases	A B1 B2 B3			
5		7.1	Demonstrate safety precautions when using chemicals	A B1 B2 B3			
6		7.2	Apply and explain workshop environment related safety practices	A B1 B2 B3			
7		7.2	Define proper care and control of tools and equipment	A B1 B2 B3			
8		7.2	Check validity of calibration of tools and equipment	A B1 B2 B3			
9		7.2	Demonstrate inspection technic using a mirror and a light source	A B1 B2 B3			
10		7.3	Use tools and equipment for cutting, forming and joining commonly used materials (Ferrous and non-ferrous)	A B1 B2 B3			
11		7.3	Demonstrate correct use of measuring equipment - micrometers	A B1 B2 B3			
12		7.3	Demonstrate correct use of measuring equipment - verniers	A B1 B2 B3			
13		7.3	Demonstrate correct use of measuring equipment - height gauges	A B1 B2 B3			

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14		7.3	Demonstrate the use of lubrication equipment according to AMM	A B1 B2 B3			
15		7.3	Use a torque meter with extension	A B1 B2 B3			
16		7.3	Use a torque meter without extension	A B1 B2 B3			
17		7.3	Perform a typical avionic test using a test equipment	- B1 B2 -			
18		7.3	Use test meters to measure volts, amps and resistance in practical task circumstances	- B1 B2 -			
19	**20**	**7.4**	**Potential safety hazards when working with electrical systems and protective equipment (M7.4)**	A B1 B2 B3			
20		7.4	Establish Electrically Safe Work Condition (ESWC)	A B1 B2 B3			
21		7.4	Discharge and Verify Stored Electrical Energy in Avionics Equipment	A B1 B2 B3			
22		7.4	ESD-Safe Handling of Avionics Wiring and LRUs	A B1 B2 B3			
23		7.4	Inspect Battery and describe correct action in case of chemical / thermal default / overheating / swollen / deformation / …	A B1 B2 B3			

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24	**20**	**7.5 - 7.6**	**Engineering Drawings, Fits and Clearances (M7.5 - 7.6)**	**A B1 B2 B3**			
25		7.5	Interpret and work with engineering drawings	A B1 B2 B3			
26		7.5	Demonstrate correct reading and interpretation of electrical wiring diagrams	A B1 B2 B3			
27		7.6	Demonstrate / explain use of feeler, slip, limit, go / no go gauges	A B1 B2 B3			
28		7.6	Fit and remove thread inserts (Helicoils)	A B1 - B3			
29		7.6	Drill and tap a threaded hole	A B1 B2 B3			
30		7.6	Drill and ream perpendicular holes in ferrous material	- B1 - B3			
31		7.6	Drill and ream perpendicular holes in non-ferrous material	- B1 - B3			
32	**20**	**7.7**	**Electrical Wiring Interconnection System (EWIS) (M7.7)**	**A B1 B2 B3**			
33		7.7	Demonstrate wire splicing methods	- B1 B2 B3			
34		7.7	Carry out bonding and insulation tests	- B1 B2 -			
35		7.7	Identify a range of electrical component symbols	- B1 B2 B3			
36		7.7	Identify cables and cables values by reference to the maintenance manuals	- B1 B2 -			
37		7.7	Insert / extract electrical inserts (pins) in a variety of electrical connectors	- B1 B2 B3			

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			Encircle the relevant category:	A	B1	B2	B3			
38		7.7	Identify a range of electrical component symbols	-	B1	B2	B3			
39		7.7	Identify cables and cables values by reference to the maintenance manuals	-	B1	B2	-			
40		7.7	Insert / extract electrical inserts (pins) in a variety of electrical connectors	-	B1	B2	B3			
41		7.7	Inspect coaxial cable installations, correct them if necessary	-	B1	B2	B3			
42		7.7	Inspect electrical cable looms and bundles and correct them if necessary	-	B1	B2	B3			
43		7.7	Inspection of cable feed through	A	B1	B2	B3			
44		7.7	Install wiring clamps	A	B1	B2	B3			
45		7.7	Check an aircraft electrical circuit for continuity in conjunction with an electrical wiring diagram	-	B1	B2	B3			
46		7.7	Prepare and install a simple loom, using at least two binding methods	-	B1	B2	B3			
47		7.7	Repair or replace an electrical connector	-	B1	B2	-			
48		7.7	Clean an electrical connector	-	B1	B2	-			
49		7.7	Select and use appropriate cable stripping tools	-	B1	B2	B3			
50		7.7	Use two crimping systems to prepare cable ends or plug / socket terminals	-	B1	B2	B3			

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51	**20**	**7.8**	**Riveting (M7.8)**	A B1 - B3			
52		7.8	Use hand & pow er tools to drill rivet holes in an exact distance (± 0.75mm)	- B1 - B3			
53		7.8	Identify a range of solid and blind rivets and fasteners	- B1 - B3			
54		7.8	Identify, select and use a range of rivet setting equipment	- B1 - B3			
55		7.8	Set a range of raised and countersunk rivets in aluminum sheet using various methods	- B1 - B3			
56		7.8	Identify faulty rivet settings	- B1 - B3			
57		7.8	Remove defectives rivets without causing further damage to skin	- B1 - B3			
58		7.8	Select and install oversize rivets as instructed by Structure Repair Manual	- B1 - B3			
59		7.8	Set a range of different fasteners in aluminum sheet	- B1 - B3			
60	**20**	**7.9 - 7.13**	**Pipes, Hoses, Springs, Bearings, Transmissions and Control Cables (M7.9 - 7.13)**	A B1 - B3			
61		7.9	Replace & test a flexible hose including clamps and brackets	A B1 - B3			
62		7.9	Bend, replace and test a rigid pipe, including clips and brackets	A B1 - B3			
63		7.9	Locate components using referencing system, e g station numbers	A B1 - B3			
64		7.10	Explain methods for inspection and testing of springs	A B1 - B3			

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65		7.11	Perform testing, cleaning and inspection of bearings	A B1 - B3			
66		7.11	Lubricate aircraft according to Maintenance Manual	A B1 - B3			
67		7.12	Inspect screw jacks	A B1 - B3			
68		7.12	Inspect levers	A B1 B3			
69		7.12	Inspect push-pull rod	A B1 B3			
70		7.12	Inspect belts	A B1 B3			
71		7.12	Inspect pulleys	A B1 B3			
72		7.12	Inspect chain and sprocket	A B1 B3			
73		7.12	Check backlash of gears	A B1 - B3			
74		7.13	Inspect and assess condition of Bowden cables / flexible control cables (flex ball cables)	A B1 - B3			
75		7.13	Demonstrate swaging of end fitting	- B1 - B3			

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76	**20**	**7.14**	**Material Handling (M7.14)**	-	**B1**	**B2**	**B3**			
77		7.14	Use hand tools, folding and bending machines to shape aluminum alloy to an accuracy of ± 0.5 mm	-	**B1**	-	**B3**			
78		7.14	Bend metal to a bend radius and angle as given in the engineering drawing	-	**B1**	-	**B3**			
79		7.14	Demonstrate removal of corrosion / reprotection on an aluminum sheet	-	**B1**	-	**B3**			
80		7.14	Cut and shape material to required profile, using approved procedures	-	**B1**	-	**B3**			
81		7.14	Identify the characteristics and properties of common composite materials	-	**B1**	-	**B3**			
82		7.14	Identify a range of sealing and bonding agents	-	**B1**	-	**B3**			
83		7.14	Explain methods to detect defects/deterioration in composite material	-	**B1**	-	**B3**			
84		7.14	Perform a small repair of a composite structure	-	**B1**	-	**B3**			
85		7.14	Explain common additive manufacturing methods	**A**	**B1**	**B2**	**B3**			
86		7.14	Assist in an additive manufacturing method	**A**	**B1**	**B2**	**B3**			
87		7.14	Inspect an additive manufactured part	**A**	**B1**	**B2**	**B3**			

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88		**7.16 - 7.17**	**Aircraft Weight and Balance, Handling and Storage (M7.16 - 7.17)**	**A B1 B2 B3**			
89	8	7.16	Calculate Centre of Gravity/Balance limits, use relevant documents	- B1 B2 B3			
90	8	7.16	Prepare aircraft for weighing	- B1 - B3			
91	7	7.17	Assist jacking an aircraft	A B1 B2 B3			
92	7	7.17	Park, chock and ground aircraft	A B1 B2 B3			
93	7	7.17	Perform long time parking	A B1 B2 B3			
94	9	7.17	Assist in the towing of an aircraft	A B1 B2 B3			
95	12	7.17	Assist in servicing of toilet and potable water system (if installed)	A B1 - -			
96	12	7.17	Perform refueling/defueling of aircraft	A B1 B2 B3			
97	12	7.17	Assist de-icing/anti-icing procedures	A B1 B2 B3			
98	12	7.17	Check & replenish engine oil	A B1 - B3			
99	12	7.17	Check & replenish hydraulic systems	A B1 - B3			
100	12	7.17	Check & replenish tire pressures	A B1 - B3			
101	12	7.17	Perform lubrication of bearings (flight controls / landing gear)	A B1 - B3			

*Logbook Owner's Name:*_____   *First Name:*_____

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			Encircle the relevant category:	A	B1	B2	B3			
102	20	7.17	Remove and refit aircraft access panels	A	B1	B2	B3			
103	21	7.17	Connect and use external air supply (if adapter installed)	A	B1	B2	-			
104	24	7.17	Connect and use external electrical power	A	B1	B2	B3			
105		**7.18 - 7.20**	**Disassembly, Inspection, Repair & Assembly Techniques, Abnormal Events, Maint. Procedures (M7.18 - 7.20)**	**A**	**B1**	**B2**	**B3**			
106	20	7.18	Adjust, set and use torque spanners	A	B1	B2	B3			
107	20	7.18	Identify standards and specifications of common use parts i. e. nuts, bolts, washers and split pins	A	B1	B2	B3			
108	20	7.18	Replace a range of common components e.g. split pins, tabs, spring and plain washers, plain and lock nuts	A	B1	B2	B3			
109	20	7.18	Identify part and serial numbers from a component overhaul manual or IPC	A	B1	B2	B3			
110	20	7.18	Demonstrate competence when wire locking a variety of assemblies	A	B1	B2	B3			
111	20	7.18	Measure shafts, bores, flanges, and adjacent surfaces using precision measuring instruments	A	B1	-	B3			
112	20	7.18	Demonstrate application of two-component sealers and compounds	A	B1	-	B3			
113	20	7.18	Demonstrate disconnecting and reconnecting of electrical connectors	A	B1	B2	B3			
114	20	7.18	Explain & implement ESD procedures (ESD = Electrostatic Discharge)	A	B1	B2	B3			

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115	20	7.18	Demonstrate replacement of circuit breaker	- B1 B2 B3			
116	20	7.18	Replace internal lamps / bulbs	A B1 B2 B3			
117	20	7.18	Replace external lamps / bulbs	A B1 B2 B3			
118	20	7.18	Replace static discharge wick	A B1 B2 B3			
119	5	7.18	Perform nondestructive inspections - penetrant inspection	- B1 - B3			
120	5	7.18	Perform nondestructive inspections – borescope inspection	- B1 B2 B3			
121	5	7.18	Demonstrate proficiency in troubleshooting techniques using TSM and on-board reporting systems	- B1 B2 B3			
122	5	7.18	Perform pre-flight check	A B1 B2 B3			
123	5	7.19	Suppose a hard or overweight landing: Show unscheduled inspection procedure according to AMM and explain action	A B1 - B3			
124	5	7.19	Explain the required inspection following a lightning strike or static discharge	A B1 B2 B3			
125	5	7.20	Assist and explain a scheduled check (e.g. 100h check or A-check)	A B1 B2 B3			
126	20	7.20	Explain the procedures for material storage and handling	A B1 B2 B3			
127	5	7.20	Demonstrate close-up of documentation following performance of maintenance tasks	A B1 B2 B3			

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128		**7.21**	**Documentation & communication (7.21)**	A B1 B2 B3			
129		7.21	Explain elements and criteria for writing reports	A B1 B2 B3			
130		7.21	Compile a troubleshooting report	A B1 B2 B3			
131		7.21	Demonstrate clear, comprehensive and concise communication	A B1 B2 B3			
132		**11**	**Airplane Turbine & Airplane Piston (M11)**	A B1 B2 B3			
133	25	11.3	Inspect cabin / cockpit equipment for serviceability	A B1 - B3			
134	25	7.18	Perform replacement of an oven or boiler	A B1 - -			
135	27	11.9	Perform gust lock operational check	A B1 - B3			
136	27	11.9	Run a functional check on auto flap retraction	A B1 - -			
137	27	11.9	Test function of mechanically operated ailerons, elevators, rudder	A B1 - B3			
138	27	11.9 / 13.7	Suppose a faulty flight control system: Use the on-board reporting system for troubleshooting	- B1 B2 -			
139	27	11.9 / 13.7	Run a functional check on a fly-by-wire system	- B1 B2 -			
140	32	11.13	Assist or explain replacement of seals on shock strut	A B1 - B3			
141	32	11.13 / 13.16	Prepare airplane for landing gear retraction / extension operation	A B1 B2 B3			

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			Encircle the relevant category:	A	B1	B2	B3			
142	32	11.13 / 13.16	Perform functional test of anti-skid system	-	B1	B2	B3			
143	35	11.15 / 13.17	Replenish oxygen system, or replace O2-cylinder	A	B1	B2	-			
144	36	11.16	Prepare environment for APU Start	A	B1	-	B3			
145	38	11.17	Replenish potable water	A	B1	-	-			
146	38	11.17	Inspect toilet and galley units for serviceability	A	B1	-	-			
147		**11 & 12**	**Airplane Turbine, Piston and Helicopter (M11&12)**	A	B1	B2	B3			
148	21	11.4 /12.6 / 13.11.2	Check operation of air-conditioning system (B1.3 & B3: Check operation of heating and ventilation)	A	B1	B2	B3			
149	24	11.6 /12.8 /13.5	Conduct a NICA battery check	-	B1	B2	B3			
150	24	11.6 /12.8 / 13.4	Remove / refit main batterie	A	B1	B2	B3			
151	24	11.6 /12.8 / 13.5	Replace an electrical component and run a functional test according to AMM	-	B1	B2	B3			
152	25	11.3 / 12.5	Replace a crew or passenger seat	A	B1	-	B3			
153	25	11.7 / 12.9	Check seat belts for serviceability	A	B1	-	B3			
154	25	11.7 /12.9 / 13.6	Check condition and function of emergency equipment and ELT	A	B1	B2	B3			

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155	26	11.8 / 12.10	Perform weight check on fire extinguisher container and replace, if necessary	A	B1	-	B3			
156	26	11.8 /12.10 / 13.12	Inspect and test fire detecting systems	A	B1	B2	-			
157	27	11.9 / 13.7	Explain precaution and safety measures required before operating flight controls	A	B1	B2	B3			
158	27	11.9	Perform rigging of flight controls following component replacement	-	B1	-	B3			
159	27	11.9	Explain replacement procedure for a hydraulic flight control actuator	-	B1	-	-			
160	27	11.9 /12.7 / 13.7	Determine aircraft airworthiness per MEL/CDL	-	B1	B2	-			
161	27	11.9 / 13.7	Run a functional check on hydraulically operated flight control systems	-	B1	B2	-			
162	28	11.1 / 12.11	Replace and test a fuel booster pump	A	B1	-	B3			
163	29	11.11 / 12.12	Replace a hydraulic system component according to AMM	-	B1	-	B3			
164	29	11.11 /12.12 / 13.14	Explain replacement / installation of hydraulic pump (electrical or engine driven)	A	B1	B2	B3			
165	29	11.11 / 12.12	Inspect hydraulic reservoir, replenish fluid and recharge reservoir if required	A	B1	-	B3			
166	30	11.12 /12.13 / 13.15	Check function of anti-ice or de-icing system	A	B1	B2	B3			
167	30	11.12 / 12.5	Remove and refit windshield wiper blades	A	B1	-	B3			

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168	32	11.13 / 12.14	Replace landing gear wheels	A B1 - B3			
169	32	11.13 / 12.14	Remove / install the wheel brake	A B1 - B3			
170	32	11.13 / 12.14	Bleed hydraulic brakes	A B1 - B3			
171	32	11.13 / 12.14	Assess shock strut fluid level and recharge if required	A B1 - B3			
172	32	13.16	Check function of landing gear indication system	A B1 B2 B3			
173	45	11.5 /12.7 / 13.10	Retrieve data from central maintenance system (CMS, if installed)	A B1 B2 -			
174	51	11.3 / 12.5	Demonstrate the procedure for a structural inspection (from nose to tail)	A B1 - B3			
175	52	11.3 / 12.5	Check door seals and replace them, if required	A B1 - B3			
176	56	11.3 / 12.5	Explain procedure for cleaning / polishing windows	A B1 - B3			
177	56	11.3 / 12.5	Remove / install window or windshield	- B1 - B3			

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178		**12**	**Helicopter only (M12)**	A B1 - -			
179	10	7.17	Demonstrate mooring and picketing	A B1 - -			
180	10	7.17	Secure rotor blades	A B1 - -			
181	64	12.3	Assist removal of tail rotor	A B1 - -			
182	67	12.2	Perform tail rotor flight control rigging	A B1 - -			
183	62	12.3	Assist in removal / refit main rotor head or gear box	A B1 - -			
184	62	12.2	Perform main rotor flight control rigging	A B1 - -			
185	62	12.3	Check main rotor track and balance	A B1 - -			
186	63	12.4	Assist in removal / refit transmission drive shaft	A B1 - -			

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187		**13 & 11**	**Electric Aircraft System s and Avionics (M13&11&12)**	**A B1 B2 B3**			
188	22	13.3	Carry out an auto throttle system test	- - B2 -			
189	22	13.10	Demonstrate BITE test practices on flight management system	- - B2 -			
190	22	13.3	Perform an autopilot system test	- - B2 -			
191	22	11.5 / 12.7/13.8	Replace an LRU related to air data system, apply associated BITE	A B1 B2 -			
192	23	11.5 / 12.7 / 13.4	Carry out a VHF Radio check	A B1 B2 B3			
193	23	11.5 / 12.7 / 13.4 /	Describe an typical antenna replacement procedure	- B1 B2 -			
194	23	11.5 / 12.7 / 13.6	Perform an intercom or passenger address component replacement and testing	- B1 B2 -			
195	24	11.6 / 12.8 / 13.5	Conduct generator power check / voltage adjustment	- B1 B2 B3			
196	25	7.18	Replace IFE Equipment and test its function, if available (excluding public address)	A B1 B2 -			
197	28	11.10 / 12.11/ 13.8	Perform a fuel quantity indicating system test	- B1 B2 B3			
198	31	11.5 / 12.7 / 13.8	Discuss maintenance practices on EFIS (Electronic Flight Instrument System)	- B1 B2 B3			
199	31	11.5 / 12.7 / 13.8	Identify flight data and voice recorder location	- B1 B2 -			

Logbook Owner's Name:_____   **First Name:**_____

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200	34	13.4	Run BITE tests on selected navigation systems (ADF, Marker, GPWS, GPS)	- - **B2** -			
201	34	13.4	Perform a VOR test	- - **B2** -			
202	34	13.4	Perform DME test	- - **B2** -			
203	34	13.4	Perform LOC/GS test	- - **B2** -			
204	34	13.4	Perform Radio Altimeter test	- - **B2** -			
205	34	13.4	Perform a TCAS bite test	- - **B2** -			
206	34	13.4	Perform ATC test	- - **B2** -			
207	34	13.4	Perform function check of ADF sense antenna	- - **B2** -			
208	34	13.4	Discuss weather radar component replacement and functional test	- - **B2** -			
209	34	13.8 / 11.5	Perform initialisation check on inertial reference unit / platform	**A** **B1** **B2** -			
210	34	11.5 / 12.7 / 13.8	Assist a compass / standby compass compensation	- **B1** **B2** **B3**			
211	34	11.5 / 12.7 / 13.8	Assist calibration check of a pitot static system using a leak tester	- **B1** **B2** -			
212	45	11.5 / 12.7 /13.8	Check operation of on-board maintenance system (BITE)	- **B1** **B2** -			

*Logbook Owner's Name:*_____   *First Name:*_____

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213	42	13.2 / 11.19	Integrated Modular Avionics (if IMA available: Run a system test)	- **B1 B2** -			
214	44	13.21 / 11.20	Cabin Systems (if CS available: Run a functional test)	- **B1 B2** -			
215	46	13.22 / 11.21	Information Systems (if IS available: Run a system test)	- **B1 B2** -			
216		**14 / 15**	**Gas Turbine Engine / Propulsion (M15&14)**	**A B1 B2** -			
217	70	7.18	Inspect engine using boroscope	**A B1** - -			
218	70	7.18	Assist in an engine removal & installation	**A B1** - -			
219	70	15.21	Assist engine test run-up	**A B1** - -			
220	70	15.1	Check oil quantity level, refill to correct level, if necessary	**A B1** - -			
221	73	14.1 / 15.11	Perform a FADEC system test	- **B1 B2** -			
222	73	15.11	Describe fuel system layout and components	- **B1** - -			
223	73	15.12	Describe the layout and components of the bleed air system	- **B1** - -			
224	73	15.11	Perform a fuel injection system check	- **B1** - -			
225	74	15.13 / 14.3	Perform ignition system test	**A B1 B2** -			

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226	74	15.13 / 14.3	Replace igniter plug and check function	A	B1	B2	-			
227	76	15.11	Rig engine pow er lever / throttle control	-	B1	-	-			
228	77	14.2 / 15.14	Perform functional test on indication systems	A	B1	B2	-			
229	77	14.2 / 15.14	Demonstrate replacement of thermocouple / temperature sensor	-	B1	B2	-			
230	77	15.14	Assist replacement of temperature, pressure or flow indication components	A	B1	-	-			
231	80	15.13 / 14.3	Assist replacement of starter turbine or starter valve and system test	A	B1	B2	-			
232		**16**	**Piston Engine (M16)**	**A**	**B1**	**-**	**B3**			
233	70	7.18	Inspect engine using boroscope	A	B1	-	B3			
234	70	7.18	Assist in an engine removal & installation	A	B1	-	B3			
235	70	16.12	Assist engine test run-up	A	B1	-	B3			
236	70	16.9	Check oil quantity level, refill to correct level, if necessary	A	B1	-	B3			
237	72	16.3	Perform engine inlet/outlet valve adjustment	-	B1	-	B3			
238	73	16.4	Perform a FADEC system test (if installed)	-	B1	-	B3			

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239	73	16.4	Perform a fuel injection system check	- B1 - B3			
240	73	16.4	Perform carburator fuel mixer and idle RPM adjustment	- B1 - B3			
241	74	16.5	Perform ignition system test	A B1 - B3			
242	74	16.5	Perform magnetos adjustment	- B1 - B3			
243	74	16.5	Replace spark plug and check function	A B1 - B3			
244	75	16.6	Check baffles for condition	A B1 - B3			
245	76	16.4	Rig engine power lever	- B1 - B3			
246	77	16.1	Perform functional test on engine indication system	A B1 - B3			
247	77	16.1	Demonstrate replacement of temperature sensor	- B1 - B3			
248	77	16.3	Perform vacuum pump check	- B1 - B3			
249	78	16.7	Demonstrate turbocharger and waste gate test and adjustment	- B1 - B3			
250	80	16.5	Assist replacement of starter motor	A B1 - B3			

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			Encircle the relevant category:	A B1 B2 B3			
251		**17**	**Propeller (M17)**	A B1 - B3			
252	61	17.2	Assist in propeller removal / refit	A B1 - B3			
253	61	17.4	Demonstrate propeller synchronising procedure with synchrophasing equipment	- B1 - B3			
254	61	17.5	Check propeller de-icing system and components	A B1 - B3			
255	61	17.6	Perform propeller lubrication	A B1 - B3			
256	61	17.6	Check propeller track	- B1 - B3			
257	61	17.6	Assist propeller static and dynamic balancing	- B1 - B3			
258	61	17.6	Demonstrate adjustment of propeller RPM	- B1 - B3			