



**Australian Government**  
**Civil Aviation Safety Authority**

I, PHILIPPA JILLIAN SPENCE, Director of Aviation Safety, on behalf of CASA, make this instrument under regulation 66.015 of the *Civil Aviation Safety Regulations 1998*.

**[Signed P. Spence]**

Pip Spence  
Director of Aviation Safety

10 December 2024

**Part 66 Manual of Standards Amendment Instrument 2024 (No. 1)**

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**1 Name**

This instrument is the *Part 66 Manual of Standards Amendment Instrument 2024 (No. 1)*.

**2 Commencement**

- (1) This instrument, other than subsection 3 (2) and Schedule 2, commences on the day after it is registered.
- (2) Subsection 3 (2) and Schedule 2 to this instrument commence at the earlier of the following:
  - (a) immediately after the end of the period of 6 months beginning on the day after this instrument is registered;
  - (b) a day to be fixed by the Director of Aviation Safety, on behalf of CASA, by notifiable instrument.

**3 Amendment of the Part 66 Manual of Standards**

- (1) Schedule 1 amends the *Part 66 Manual of Standards*.
- (2) Schedule 2 amends the *Part 66 Manual of Standards*.

**Schedule 1 Amendment**

**[1] Paragraph 66.5 (b), definition of *Logbook***

*omit*

**[2] Paragraph 66.5 (b), after definition of *avionic system*, including the note**

*insert*

***Basic Practical Experience Logbook*** means the CASA *Part 66 Basic Practical Experience Logbook*, as it exists from time to time.

**[3] Paragraph 66.5 (b), after definition of *modular licence***

*insert*

***Modular Licence Basic Practical Experience Logbook*** means the CASA *Part 66 Modular Licence Basic Practical Experience Logbook*, as it exists from time to time.

**[4] Paragraph 66.5 (b), definition of *RPL***

*omit*

**[5] Sub-subparagraph 66.A.20 (a) 5A. (i)**

*omit*

satisfies the requirements of each of paragraphs

*insert*

satisfied the requirements of each of repealed paragraphs

**[6] After sub-subparagraph 66.A.20 (a) 5A. (i)**

*insert*

*Note* Repealed paragraphs 66.A.25 (i), 66.A.30 (f) and 66.A.45 (j) were repealed by the *Part 66 Manual of Standards Instrument 2024 (No. 1)*.

**[7] Sub-subparagraph 66.A.20 (a) 5A. (iii)**

*omit*

is

*insert*

was

**[8] Subparagraph 66.A.20 (a) 5A, note**

*omit*

**[9] Paragraph 66.A.25 (eb)**

*omit*

alternative

*insert*

equivalent

**[10] Paragraph 66.A.25 (ec), including the note**

*substitute*

- (ec) If the application is for a modular licence and the applicant was trained by an MTO, the applicant must hold each unit of competency relevant to the modular licence, including with any extension of privileges, that is listed and coded in Appendix X that is marked “X”, or stated to be its equivalent, for the relevant category or subcategory of modular licence, including any extension.

**[11] After paragraph 66.A.25 (ec)**

*insert*

- (ed) For paragraphs (eb) and (ec), *stated to be its equivalent* means published on the national register of vocational education and training (VET) website at <training.gov.au> as the current unit that supersedes and is equivalent to the unit listed and coded in the Appendix mentioned in the paragraph.

*Note* CASA updates Appendix IV or Appendix X, as applicable, as soon as possible to include the new numbering and title of the current unit published on the <training.gov.au> website.

**[12] Paragraph 66.A.25 (fa)**

*omit*

competency, as approved by CASA in the MTO's exposition,

*insert*

competency listed and coded in Appendix X

**[13] Subparagraph 66.A.25 (i), including the heading**

*omit*

**[14] Subparagraph 66.A.25 (j)**

*omit*

**[15] Sub-subparagraph 66.A.30 (a) 4. (ii)**

*omit*

evidence of the practical maintenance experience must be recorded in the Logbook

*insert*

the applicant must record in the *Modular Licence Basic Practical Experience Logbook* evidence of their acquisition of the practical maintenance experience required under sub-subparagraph (i) for the licence

**[16] After subparagraph 66.A.30 (a) 4.**

*insert*

*Note* The *Modular Licence Basic Practical Experience Logbook* and the *Part 66 Modular Licence – Basic Practical Experience Logbook User Guide* are available on the CASA website at <www.casa.gov.au>. As at commencement of this subparagraph:

- the Modular Licence Basic Practical Experience Logbook was available at: <Part 66 Modular Licence Basic Practical Experience Logbook (casa.gov.au)>
- the User Guide was available at: <Part 66 Modular Licence – Basic Practical Experience Logbook User Guide (casa.gov.au)>.

**[17] Paragraph 66.A.30 (a), notes 1 and 2**

*substitute*

*Note* Subparagraphs 1. to 3. do not apply to applications for modular licences.

**[18] After paragraph 66.A.30 (a)**

*insert*

- (aa) For a Category A licence, a subcategory B1.1, B1.2, B1.3 or B1.4 licence (other than a modular licence) or a Category B2 licence (other than a modular licence), if the knowledge applicable for the category or subcategory of licence, in accordance with Part 2 of Appendix I, is being completed via self-study, the applicant must record in the Basic Practical Experience Logbook evidence of their acquisition of the practical maintenance experience required under subparagraph 66.A.30 (a) 1. or 2. for the licence.

*Note* The Modular Licence Basic Practical Experience Logbook and the *Part 66 Modular Licence – Basic Practical Experience Logbook User Guide* are available on the CASA website at <www.casa.gov.au>. As at commencement of this subparagraph:

- the Modular Licence Basic Practical Experience Logbook was available at: <Part 66 Modular Licence Basic Practical Experience Logbook (casa.gov.au)>
- the User Guide was available at: <Part 66 Modular Licence – Basic Practical Experience Logbook User Guide (casa.gov.au)>.

**[19] Section 66.A.30, Table 3A, explanatory text, definition of *task list***

*omit*

Logbook

*insert*

Modular Licence Basic Practical Experience Logbook

**[20] Paragraph 66.A.30 (f), including the heading**

*omit*

**[21] Paragraph 66.A.30 (g)**

*omit*

**[22] Paragraph 66.A.45 (j), including the heading**

*omit*

**[23] Paragraph 66.A.45 (k)**

*omit*

**[24] Sections 66.A.56 to 66.A.58**

*substitute*

**66.A.56 Repealed sections 66.A.56 and 66.A.57**

- (a) Paragraph (b) applies to a person:
1. to whom repealed section 66.A.56 applied before the commencement day; and
  2. who has not applied to CASA for the removal of the relevant exclusion under section 66.A.70 before the commencement day.

*Note* Repealed section 66.A.56 was repealed by the *Part 66 Manual of Standards Amendment Instrument 2024 (No. 1)*.

- (b) Paragraph 7 (2) (c) of the *Acts Interpretation Act 1901* does not apply to the person in relation to repealed section 66.A.56.
- (c) Paragraph (d) applies to a person:
1. to whom repealed section 66.A.57 applied before the commencement day; and
  2. who has not applied to CASA for the removal of the relevant exclusion under section 66.A.70 before the commencement day.
- Note* Repealed section 66.A.57 was repealed by the *Part 66 Manual of Standards Amendment Instrument 2024 (No. 1)*.
- (d) Paragraph 7 (2) (c) of the *Acts Interpretation Act 1901* does not apply to the person in relation to repealed section 66.A.57.
- (e) This section is repealed at the end of the day 28 days after the commencement day.
- (f) In this section:  
**commencement day** means the day on which the *Part 66 Manual of Standards Amendment Instrument 2024 (No. 1)*, other than subsection 3 (2) and Schedule 2, commences.

**[25] Section 66.A.70, heading**

*substitute*

**66.A.70 Removal of exclusions**

**[26] Paragraph 66.A.70 (a)**

*omit*

Limitations introduced

*insert*

Exclusions endorsed

**[27] Appendix I, Part 2, table**

*substitute*

<b>Subject modules</b>	<b>B1.1 A1</b>	<b>B1.2 A2</b>	<b>B1.3 A3</b>	<b>B1.4 A4</b>	<b>B2</b>
	<b>Turbine engine</b>	<b>Piston engine</b>	<b>Turbine engine</b>	<b>Piston engine</b>	<b>Avionics</b>
1 Mathematics	X	X	X	X	X
2 Physics	X	X	X	X	X
3 Electrical fundamentals	X	X	X	X	X
4 Electronic fundamentals	X (B1.1 only)	X (B1.2 only)	X (B1.3 only)	X (B1.4 only)	X
5 Digital techniques electronic instrument systems	X	X	X	X	X
6 Materials and hardware	X	X	X	X	X

Subject modules	B1.1 A1	B1.2 A2	B1.3 A3	B1.4 A4	B2
	Turbine engine	Piston engine	Turbine engine	Piston engine	Avionics
7 Maintenance practices	X	X	X	X	X
8 Basic aerodynamics	X	X	X	X	X
9 Human factors	X	X	X	X	X
10 Aviation legislation	X	X	X	X	X
11A Turbine aeroplane aerodynamics, structures and systems	X				
11B Piston aeroplane aerodynamics, structures and systems		X			
12 Helicopter aerodynamics, structures and systems			X	X	
13 Aircraft aerodynamics, structures and systems					X
14 Propulsion					X
15 Gas turbine engine	X		X		
16 Piston engine		X		X	
17 Propeller	X	X			

**[28] Appendix IV, table**

*omit*

MEA225	Inspect fixed wing aircraft automatic flight control systems and components										X
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*insert*

MEA225	Inspect fixed wing aircraft automatic flight control systems and components										X or MEA 231
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**[29] Appendix IV, table**

*omit*

MEA231	Inspect, test and troubleshoot rotary-wing aircraft										X or MEA
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	automatic flight control systems and components										230
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*insert*

MEA231	Inspect, test and troubleshoot rotary-wing aircraft automatic flight control systems and components										X or MEA225 and MEA230 (MEA231 may be taken instead for helicopter systems maintenance only)
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**[30] Appendix VIII**

*substitute*

**Appendix VIII**

**Units of competency required for removal of an exclusion from a category or subcategory of licence**

Competency Unit(s) required		Title of exclusion	B1.1	B1.2	B1.3	B1.4	B2
MEA201 MEA203 MEA223 MEA227 MEA246 MEA296	E1	Excluding electrical systems	X				
MEA201 MEA203 MEA246 MEA294 MEA296	E1	Excluding electrical systems		X	X	X	
MEA203 MEA223 MEA227	E1	Excluding electrical systems					X
MEA303 MEA305 MEA317 MEA318 MEA320 MEA321 MEA323 MEA325 MEA328 MEA339	E2	Excluding mechanical or structural systems	X				

<b>Competency Unit(s) required</b>		<b>Title of exclusion</b>	<b>B1.1</b>	<b>B1.2</b>	<b>B1.3</b>	<b>B1.4</b>	<b>B2</b>
MEA365 MEA398							
MEA304 MEA305 MEA309 MEA312 MEA325 MEA328 MEA339 MEA354 MEA365 MEA398	E2	Excluding mechanical or structural systems		X			
MEA303 MEA304 MEA308 MEA309 MEA310 MEA316 MEA323 MEA325 MEA328 MEA339 MEA365 MEA398	E2	Excluding mechanical or structural systems			X	X	
MEA306 MEA319 MEA322 MEA323	E3	Excluding powerplant systems	X				
MEA306 MEA307 MEA313 MEA315	E3	Excluding powerplant systems		X			
MEA306 MEA319 MEA322 MEA323	E3	Excluding powerplant systems			X		
MEA306 MEA313	E3	Excluding powerplant systems				X	
MEA201 MEA203 MEA223 MEA227 MEA246 MEA296	E4	Excluding electrical subsystem of mechanical, powerplant or structural systems	X				
MEA201 MEA203 MEA246	E4	Excluding electrical subsystem of mechanical,		X	X	X	



Competency Unit(s) required		Title of exclusion	B1.1	B1.2	B1.3	B1.4	B2
MEA294 MEA296		powerplant or structural systems					
MEA203 MEA223 MEA227	E4	Excluding electrical subsystems of mechanical, powerplant or structural systems					X
MEA201 MEA203 MEA223 MEA227 MEA246 MEA296 MEA343	E5	Excluding instrument subsystems of mechanical, powerplant or structural systems	X				
MEA201 MEA203 MEA246 MEA294 MEA296 MEA343	E5	Excluding instrument subsystems of mechanical, powerplant or structural systems		X	X	X	
MEA224 MEA225 MEA226 MEA228 MEA230 MEA231 MEA235 MEA292 MEA293	E5						X
MEA201 MEA203 MEA223 MEA227 MEA246 MEA296 MEA343	E6	Excluding avionics LRUs	X				
MEA201 MEA203 MEA246 MEA294 MEA296 MEA343	E6	Excluding avionics LRUs		X	X	X	
MEA206 MEA224 MEA225 MEA226 MEA228 MEA229	E6						X

<b>Competency Unit(s) required</b>	<b>Title of exclusion</b>		<b>B1.1</b>	<b>B1.2</b>	<b>B1.3</b>	<b>B1.4</b>	<b>B2</b>
MEA230 MEA231 – may be taken instead of MEA225 and MEA230 where ratings sought are entirely helicopter MEA232 MEA235 MEA292 MEA293							
MEA224 MEA225 MEA226 MEA228 MEA230 MEA231 MEA235 MEA292 MEA293	E7	Excluding instrument aspects of avionic systems — ATA22, 27, 31, 34 and 42					X
MEA206 MEA226 MEA229 MEA232 MEA235 MEA293	E8	Excluding radio aspects of avionic systems — ATA23, 34, 42 and 44					X
MEA357 MEA398	E9	Excluding fabric surfaces	X	X			
MEA359	E10	Excluding wooden structures		X			
MEA206 MEAAVI0012	E11	Excluding audio CVR systems					X
MEA307 MEA315	E12	Excluding propellers	X	X			
MEA309 (or MEA318 and MEA320) MEA398	E13	Excluding hydraulics — ATA29	X		X		
MEA309 MEA398	E13	Excluding hydraulics — ATA29		X		X	
MEA201 MEA246 MEA296 MEA362	E14	Excluding vapour cycle air-conditioning aspects of ATA21	X	X	X	X	

<b>Competency Unit(s) required</b>	<b>Title of exclusion</b>		<b>B1.1</b>	<b>B1.2</b>	<b>B1.3</b>	<b>B1.4</b>	<b>B2</b>
MEA201 MEA203 MEA223 MEA227 MEA246 MEA296 MEA303 MEA318 MEA320	E15	Excluding air-conditioning aspects of ATA21 (for pressurised aircraft)	X				
MEA201 MEA246 MEA294 MEA296 MEA303 MEA309 MEA310 MEAMEC0044	E15	Excluding air-conditioning aspects of ATA21 (for unpressurised aircraft and helicopters)	X		X		
MEA201 MEA246 MEA296 MEA362	E15	Excluding air-conditioning aspects of ATA21 (for unpressurised aircraft and helicopters)		X		X	
MEA201 MEA203 MEA208 MEA219 MEA223 MEA227 MEA246 MEA296 MEA303 MEA317 MEA318 MEA320 MEA323	E16	Excluding pressurisation aspects of ATA21	X				
MEA201 MEA203 MEA208 MEA219 MEA246 MEA296 MEA303 MEA309 MEA310 MEA317 MEA323	E16	Excluding unpressurised aspects of ATA21		X			
	E17	Not allocated					
MEA206	E18	Excluding ADF systems					X

<b>Competency Unit(s) required</b>		<b>Title of exclusion</b>	<b>B1.1</b>	<b>B1.2</b>	<b>B1.3</b>	<b>B1.4</b>	<b>B2</b>
MEAAVI0011							
MEAAVI0011 (or MEA226 and MEA229) MEA206	E19	Excluding VOR systems					X
MEA206 MEAAVI0013 MEA293	E20	Excluding ILS systems					X
MEAAVI0017 MEA293	E21	Excluding weather radar systems					X
MEAAVI0018 MEA293	E22	Excluding ATC transponder systems					X
MEAAVI0018 MEA293	E23	Excluding radio altimeter systems					X
MEAAVI0018 MEA293	E24	Excluding DME systems					X
MEAAVI0018 MEA293	E25	Excluding Doppler systems					X
MEA206 MEAAVI0031 MEA293	E26	Excluding satellite navigation systems					X
MEAAVI0060 MEA293	E27	Excluding autopilot systems					X
MEA293 MEAAVI0014 or MEAAVI0015 (if helicopter systems are being maintained)	E28	Excluding multi-axis autopilot systems					X
MEAAVI0010 MEA292	E29	Excluding remote indicating compass systems					X
MEAAVI0030 MEA293	E30	Excluding inertial navigation and reference systems					X
MEA208 MEA219	E31	Excluding pressurisation systems					X
MEA203 MEA223 MEA277	E32	Excluding electrical systems in aircraft equipped with multi-generator powered systems					X
MEA306 MEA313	E33	Excluding all supercharging systems		X		X	
MEA293	E34	Excluding digital systems					X

<b>Competency Unit(s) required</b>		<b>Title of exclusion</b>	<b>B1.1</b>	<b>B1.2</b>	<b>B1.3</b>	<b>B1.4</b>	<b>B2</b>
plus any one of the following units: MEA227 MEA228 MEA229 MEA230 MEA231 MEA232 MEAAVI0048							
MEA317 MEA339	E35	Excluding pressurised structures	X	X			
MEA306 MEA313	E36	Excluding carburettor systems		X		X	
MEA306 MEA313	E37	Excluding fuel injection systems		X		X	
MEA306 MEA313	E38	Excluding turbo supercharging systems		X		X	
MEA303 MEA318 MEA320	E39	Excluding airframe ice protection systems	X				
MEA303 MEA310	E39	Excluding airframe ice protection systems			X		
MEA303 MEA318 MEA320	E40	Excluding airframe fire protection systems	X				
MEA303 MEA310	E40	Excluding airframe fire protection systems		X	X	X	
MEA209 MEA222	E41	Excluding oxygen systems	X	X	X	X	
MEA201 MEA203 MEA223 MEA227 MEA246 MEA296 MEA318 MEA320 MEA398	E42	Excluding landing gear retraction systems	X				
MEA201 MEA246 MEA296 MEA309	E42	Excluding landing gear retraction systems		X	X	X	

Competency Unit(s) required	Title of exclusion		B1.1	B1.2	B1.3	B1.4	B2
MEA398 plus the following units: MEAAVI0002 (or MEA203) MEAAVI0008 (or MEA294)							
MEA357 MEA358	E43	Excluding fabric other than flight controls	X	X			
MEA201 MEA246 MEA296	E44	Excluding wiring repairs	X	X	X	X	

**[31] Appendix IX, Table 1**

*omit*

DASSAULT AVIATION	Falcon 2000EX		Falcon 2000EX (PWC PW308)
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*insert*

DASSAULT AVIATION	Falcon 2000EX		Falcon 2000EX (PWC PW308)
	Falcon 2000EX	F2000EX EASy F2000DX F2000LX F2000LXS F2000S	Falcon 2000EX EASy (PWC PW308C)

**[32] Appendix IX, Table 1**

*insert*

HONDA AIRCRAFT COMPANY LLC	HA-420	HondaJet	Honda HA-420 (HF120)
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**[33] Appendix IX, Table 1**

*insert*

TEXTRON AVIATION INC	408	SkyCourier	Cessna 408 (PWC PT6)
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**[34] Appendix IX, Table 2, Part 1**

*insert*

GULFSTREAM AEROSPACE LP (GALP), c/o Israel Aircraft Industries	Gulfstream G150	Gulfstream G150	Gulfstream (IAI) G150 (Honeywell TFE731) <sup>Note 4</sup>
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**[35] Appendix IX, Table 2, Part 1**

*insert*

NEXTANT AEROSPACE L.L.C (STC)	400XT 400XTi	NEXTANT 400XT	Beech 400XT Nextant (Williams FJ44) <sup>Note 4</sup>
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**[36] Appendix IX, Table 5 item dealing with TC holder, AIRBUS  
HELICOPTERS**

*insert*

	H160-B		Airbus Helicopters H160 (Safran Arrano 1)
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**[37] Appendix IX, Table 5, item dealing with TC holder, AIRBUS  
HELICOPTERS DEUTSCHLAND GmbH**

*omit*

	EC 135 P3H		AIRBUS HELICOPTERS EC135 P3H (PWC PW206)
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*insert*

	EC 135 P3H		Airbus Helicopters EC135 P3H (PWC PW206)
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**[38] Appendix IX, Table 5, item dealing with TC holder, AIRBUS  
HELICOPTERS DEUTSCHLAND GmbH**

*insert*

	EC 135 T3H		Airbus Helicopters EC135 T3H (Turbomeca Arrius 2B)
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**[39] After Appendix IX**

*insert*

## Appendix X

### Units of competency required for a category or subcategory of modular licence

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MEA107	Interpret and use aviation maintenance industry manuals and specifications.	X	X	X	X	X	X	X	X		X	X	X
MEA111	Perform administrative processes to prepare for certification of civil aircraft maintenance.	X	X	X	X	X	X	X	X		X	X	X
MEA112	Plan and implement civil aircraft maintenance activities.	X	X	X	X	X	X	X	X		X	X	X



Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MEA113	Supervise civil maintenance activities and manage human resources in the workplace.	X	X	X	X	X	X	X	X		X	X	X
MEA116	Apply work health and safety procedures at supervisor level in aviation maintenance.	X	X	X	X	X	X	X	X		X	X	X
MEA118	Conduct self in the aviation maintenance environment.	X	X	X	X	X	X	X	X		X	X	X
MEA142	Manage self in the aviation maintenance environment.	X	X	X	X	X	X	X	X		X	X	X
MEA148	Apply mathematics and physics in aviation maintenance.	X	X	X	X	X	X	X	X		X	X	X

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA154	Apply work health and safety practices in aviation maintenance.	X	X	X	X	X	X	X	X		X	X	X	
MEA155	Plan and organise aviation maintenance work activities.	X	X	X	X	X	X	X	X		X	X	X	
MEA156	Apply quality standards during aviation maintenance activities.	X	X	X	X	X	X	X	X		X	X	X	
MEA157	Complete aviation maintenance industry documentation.	X	X	X	X	X	X	X	X		X	X	X	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance.	X	X	X	X	X	X	X	X		X	X	X	

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA201	Remove and install miscellaneous aircraft electrical hardware/ components.									X	X	X	X	
MEA203	Remove and install advanced aircraft electrical system components.									X	X			
MEA206	Remove and install aircraft basic radio communication and navigation system components.												X	
MEA208 (E16 - B1) (E31 - B2)	Remove and install pressurisation control system components.	X	X									X		

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA209 (E41 - B1)	Remove and install oxygen systems and components.	X	X											
MEA219 (E16 - B1) (E31 - B2)	Inspect, test and troubleshoot aircraft pressurisation control systems and components.	X	X									X		
MEA222 (E41)	Inspect, test and troubleshoot aircraft oxygen systems and components.	X	X											
MEA223	Inspect aircraft electrical systems and components.									X or MEA294	X			
MEA224	Inspect aircraft instrument systems and components.											X		

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA225	Inspect fixed wing aircraft automatic flight control systems and components.											X or MEA231		
MEA226	Inspect aircraft electronic systems and components.											X	X	
MEA227	Test and troubleshoot aircraft electrical systems and components.									X or MEA294	X			
MEA228	Test and troubleshoot aircraft instrument systems and components.											X		
MEA229	Test and troubleshoot aircraft radio frequency navigation and communications												X	

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
	systems and components.													
MEA230	Test and troubleshoot fixed wing aircraft automatic flight control systems and components.											X or MEA231		
MEA231	Inspect, test and troubleshoot rotary-wing aircraft automatic flight control systems and components.											X or MEA225 and MEA230  (MEA231 may be taken instead for helicopter systems maintenance only)		
MEA232	Test and troubleshoot aircraft pulse systems and components.												X	

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA235	Perform advanced troubleshooting in aircraft avionic maintenance.										X (see Note)	X (see Note)	X (see Note)	
MEA241	Perform aircraft weight and balance calculations as a result of modifications.										X	X	X	
MEA246 Avionic core	Fabricate and/or repair aircraft electrical hardware or parts.									X	X	X	X	
MEA292	Remove and install advanced aircraft instrument system components.											X		
MEA293	Remove and install aircraft electronic system components.											X	X	

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA294	Inspect, test and troubleshoot advanced aircraft electrical systems and components.									X or MEA223 and MEA227				
MEA296	Use electrical test equipment in aviation maintenance activities.									X	X	X	X	
MEA301	Perform aircraft flight servicing.	X	X	X	X	X	X	X	X		X	X	X	
MEA303 (E15 & E16)	Remove and install aircraft pneumatic system components.	X	X	X	X									
MEA304	Remove and install non-pressurised aircraft structural and non-structural components.			X or MEA317	X or MEA317									



Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MEA305	Remove and install aircraft fixed wing flight control system components.	X	X										
MEA306	Remove and install engines and engine system components.					X	X	X	X				
MEA307 (E12) - (B1.1 only)	Remove and install propeller systems and components.					P	X						
MEA308	Remove and install rotary wing rotor and flight control system components.			X	X								
MEA309 (E13 & E42)	Inspect, test and troubleshoot aircraft hydromechanical and landing gear systems and components.	X	X	X	X								

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant				Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MEA310 (E15 & E16)	Inspect, test and troubleshoot aircraft pneumatic systems and components.	X	X	X	X								
MEA312	Inspect, test and troubleshoot aircraft fixed-wing flight control systems and components.	X or MEA318 and MEA321	X or MEA318 and MEA321										
MEA313	Inspect, test and troubleshoot piston engine systems and components.						X		X				
MEA315 (E12) - (B1.1 only)	Inspect, test and troubleshoot propeller systems and components.					P	X						

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant				Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MEA316	Inspect, test and troubleshoot rotary-wing rotor and control systems and components.			X	X								
MEA317 (E35)	Remove and install pressurised aircraft structural and non-structural components.	X or MEA304	X or MEA304										
MEA318 (E13 & E42)	Inspect aircraft hydromechanical, mechanical, gaseous and landing gear systems and components.	X or MEA309 and MEA310	X or MEA309 and MEA310										
MEA319	Inspect gas turbine engine systems and components.					X		X					

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA320 (E13 & E42)	Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components.	X or MEA309 and MEA310	X or MEA309 and MEA310											
MEA321	Test and troubleshoot aircraft fixed wing flight control systems and components.	X or MEA312												
MEA322	Test and troubleshoot gas turbine engine systems and components.					X		X						
MEA323	Perform advanced troubleshooting in aircraft mechanical maintenance.	X (see Note)	X (see Note)	X (see Note)	X (see Note)	X (see Note)	X (see Note)	X (see Note)	X (see Note)					

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant				Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MEA325	Weigh aircraft and perform aircraft weight and balance calculations as a result of modifications.	X	X	X	X								
MEA328	Maintain and/or repair aircraft mechanical components or parts.	X	X	X	X	X	X	X	X				
MEA339	Inspect, repair and maintain aircraft structures.	X	X	X	X								
MEA343	Remove and install avionic system components.									X			
MEA357 (E9)	Inspect, test and repair aircraft fabric surfaces.	Z	Z										
MEA358 (E9)	Re-cover aircraft fabric surfaces.	Z	Z										

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences			
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems	Radio systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston					
MEA359 (E10) - (B1.2 only)	Inspect and repair aircraft wooden structures.		W											
MEA362 (E14)	Maintain aircraft vapour cycle air-conditioning systems.		X		X									
MEA365	Assess structural repair/modification requirements and evaluate structural repairs and modifications.	X	X	X	X									
MEA398 (E13 & E42)	Remove and install aircraft hydro-mechanical and landing gear system components.	X	X	X	X									

Competency Unit(s) required	Title	Category B1 modular licences								Extension of category B1 modular licence	Category B2 modular licences		
		Airframe				Powerplant					Electrical and instrument systems	Electrical systems	Instrument systems
		B1.1 Aeroplane	B1.2 Aeroplane	B1.3 Helicopter	B1.4 Helicopter	B1.1 Turbine	B1.2 Piston	B1.3 Turbine	B1.4 Piston				
MSAENV472B	Implement and monitor environmentally sustainable work practices.	X	X	X	X	X	X	X	X		X	X	X

*Note* Licence applicants (candidates) are required to only complete the portions of this unit that are relevant to the modular licence for which they are applying. For example, a candidate need only complete the airframe aspects of this unit if applying for an airframe modular licence. For training reporting purposes, MTOs are requested to specify on the CASA Form 465 those aspects of the unit which have been successfully completed by a candidate, and that are relevant to the modular licence for which the candidate intends to apply.

## Schedule 2 Amendments

### [1] Appendix II, clause 1.11

*substitute*

- 1.11 A module examination that a candidate has failed for the first time may be retaken by the candidate at any time after the date of the candidate's first attempt of the module examination.
- 1.11A A module examination that a candidate has failed for the second time may not be retaken by the candidate for at least 30 days after the date of the candidate's second attempt of the module examination.
- 1.11B After a set of 3 failed attempts at a module examination, a candidate may not retake the module examination for at least 6 months after the date of the candidate's last failed attempt of the module examination.
- 1.11C If clause 1.11B applies and a candidate fails their next attempt of the module examination that was retaken after the "standdown" period of at least 6 months mentioned in clause 1.11B:
- (a) clause 1.11 applies in relation to the timing of the candidate's following attempt of the module examination as if it was the candidate's second attempt of the module examination; and
  - (b) if the candidate fails the module examination attempt mentioned in paragraph (a), clause 1.11A applies to the timing of the candidate's next attempt of the module examination as if it was the candidate's third attempt.

*Note* The intent of clause 1.11C is to apply the "timing cycle" set out in clauses 1.11 to 1.11B to each set of 3 failed module examinations.

### [2] Appendix II, clause 1.13, excluding the note

*substitute*

- 1.13 After each set of 3 failed attempts by a candidate of a module examination, the candidate must give, after the last of the 3 failed attempts, written notice of the following to the body (an MTO or CASA) to which the candidate applies to sit the examination again:
- (a) the number, and dates, of attempts by the candidate of the examination;
  - (b) for each examination attempt notified by the candidate — details of the body (an MTO or CASA) that conducted the examination.
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