



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*.

[DRAFT ONLY — NOT FOR SIGNATURE]

Pip Spence
Director of Aviation Safety

[Month] 2024

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

1 Name

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

2 Commencement

This instrument commences on the day after it is registered.

3 Amendment of the Part 66 Manual of Standards

Schedule 1 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satisfied the requirements of each of repealed paragraphs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Note Repealed paragraphs 66.A.25 (i), 66.A.30 (f) and 66.A.45 (j) were repealed by the *Part 66 Manual of Standards Instrument 2024 (No. 1)*.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 sub-subparagraph 66.A.30 (a) 4. (ii)

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 \(casa.gov.au\)](http://casa.gov.au/Part-66-Modular-Licence-Basic-Practical-Experience-Logbook)
- the User Guide was available at: [Part 66 Modular Licence – Basic Practical Experience Logbook User Guide \(casa.gov.au\)](http://casa.gov.au/Part-66-Modular-Licence-Basic-Practical-Experience-Logbook-User-Guide).

[17] Paragraph 66.A.30 (a), notes

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 Basic Practical Experience Logbook and the *Part 66 Basic Practical Experience Logbook User Guide* are available on the CASA website at www.casa.gov.au. As at commencement of this paragraph:

- the Basic Practical Experience Logbook was available at: casa.gov.au/sites/default/files/2021-09/part-66-basicpractical-experience-logbook.pdf
- the User Guide was available at: <http://www.casa.gov.au/sites/default/files/202109/part-66-basic-practical-experience-logbook-user-guide.pdf>.

[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 regulation 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 regulation 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)* 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 II, clause 1.11

substitute

1.11 A failed module examination may not be retaken by a candidate for at least 30 days after the day of the examination.

[28] Appendix II, clause 1.13

omit

1 year

insert

6 months

[29] Appendix IX, Table 1

insert

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

insert

TEXTRON AVIATION INC	408	SkyCourier	Cessna 408 (PWC PT6)
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[31] 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) ^{Note 4}
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[32] Appendix IX, Table 2, Part 1

insert

NEXTANT AEROSPACE L.L.C (STC)	400XT 400XTi	NEXTANT 400XT	Beech 400XT Nextant (Williams FJ44) ^{Note 4}
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[33] Appendix IX, Table 5 item dealing with TC holder, AIRBUS HELICOPTERS

insert

	H160-B		Airbus Helicopters H160 (Safran Arrano 1)
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[34] 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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[35] 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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[36] 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	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					
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	
MEA113	Supervise civil maintenance activities and manage human	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				
	resources in the workplace.												
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
MEA154	Apply work health and safety practices in	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					
	aviation maintenance.													
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		
MEA209 (E41 - B1)	Remove and install oxygen	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					
	systems and components.													
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		
MEA225	Inspect fixed wing aircraft automatic flight											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					
	control systems and components.													
MEA226	Inspect aircraft electronic systems and components.										X	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 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					
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 MEA230		
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 Note1)	X (see Note1)	X (see Note1)	
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											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				
	electronic system components.												
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			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	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					
	and non-structural components.													
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	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					
	aircraft hydromechanical and landing gear systems and components.													
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					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					
	systems and components.													
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												
MEA319	Inspect gas turbine engine					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				
	systems and components.												
MEA320 (E13 & E42)	Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components.	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	X (see Note 1)	X (see Note 1)	X (see Note 1)	X (see Note 1)	X (see Note 1)	X (see Note 1)	X (see Note 1)	X (see Note 1)				

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				
	mechanical maintenance.												
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			

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					
MEA357 (E9)	Inspect, test and repair aircraft fabric surfaces.	Z	Z											
MEA358 (E9)	Re-cover aircraft fabric surfaces.	Z	Z											
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	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					
	landing gear system components.													
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.