



Australian Government

Civil Aviation Safety Authority

I, MARK ALAN SKIDMORE, Director of Aviation Safety, on behalf of CASA, make this instrument under paragraph 9 (1) (c) of the *Civil Aviation Act 1988* and regulation 66.015 of the *Civil Aviation Safety Regulations 1998*.

[Signed M. Skidmore]
Mark Skidmore AM
Director of Aviation Safety

19 January 2016

Manual of Standards Part 66 Amendment Instrument 2016 (No. 1)

1 Name of instrument

This instrument is the *Manual of Standards Part 66 Amendment Instrument 2016 (No. 1)*.

2 Commencement

This instrument commences on the day after registration.

3 Amendment of the Part 66 Manual of Standards

Schedule 1 amends the Part 66 Manual of Standards (MOS).

Schedule 1 Amendments

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

substitute

AME licence means an aircraft maintenance engineer (*AME*) licence under regulation 31 of CAR 1988 as in force immediately before 27 June 2011.

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

substitute

recognition of prior learning (RPL) for licence category training, aircraft type training, category A aircraft task training and foreign or military qualifications under Part 66 of CASR 1998:

- (a) has the same meaning given by section 147.A.07 of the Part 147 Manual of Standards (as amended); and
- (b) may be prescribed by CASA, a Part 147 Maintenance Training Organisation (*MTO*) or a Part 145 Approved Maintenance Organisation (*AMO*).

[3] Paragraph 66.A.1 (e)

omit

small or non-rated aircraft

insert

small/non-rated aircraft

[4] Subparagraph 66.A.20 (a) 4

omit

Table 1 and

[5] Sub-sub-subparagraph 66.A.20 (a) 4. (ii) (E)

substitute

- (E) troubleshooting of avionics systems that can be conducted as a simple test;
- (F) daily or manufacturers' equivalent inspection.

4A. For sub-sub-subparagraph 66.A.20 (a) 4. (ii) (F), despite any exclusions annotated on a licence, a daily or manufacturers' equivalent inspection includes:

- (i) check of the condition of security of attachment of wiring, plumbing, parts and appliances; and
- (ii) maintenance of instrument, or electrical, parts and appliances forming part of the powerplant, mechanical or structural system, limited to:
 - (A) external mechanical adjustments to facilitate correct operation of powerplant or mechanical or structural systems; and
 - (B) replacement of instrument, or electrical, parts and appliances, connected by simple twist or terminal connectors — excluding instrument, or electrical parts and appliances, where maintenance involves functional tests and adjustments requiring the use of external specialised test equipment.

[6] Sub-sub-subparagraph 66.A.20 (a) 6. (ii) (D)

substitute

- (D) to replace an avionic line replaceable unit that only requires simple tests to prove its serviceability, unless the licence is specifically subject to an avionics LRU exclusion; or
- (E) as a daily or manufacturers' equivalent inspection.

6A. For sub-sub-subparagraph 66.A.20 (a) 6. (ii) (E), despite any exclusions annotated on a licence, a daily or manufacturers' equivalent inspection includes:

- (i) check of the condition of security of attachment of wiring, plumbing, parts and appliances; and
- (ii) maintenance of instrument, or electrical, parts and appliances forming part of the powerplant, mechanical or structural system, limited to:
 - (A) external mechanical adjustments to facilitate correct operation of powerplant or mechanical or structural systems; and
 - (B) replacement of instrument, or electrical, parts and appliances, connected by simple twist or terminal connectors — excluding instrument, or electrical parts and appliances, where maintenance involves functional tests and adjustments requiring the use of external specialised test equipment.

- [7] **Section 66.A.20, Table 1, first column headed Aircraft system (and ATA chapter reference), item titled *Cabin intercom data and network systems (ATA42)***

substitute

Integrated modular avionics (ATA42)

- [8] **Section 66.A.21, Table 2, Part C, the entire row**

omit

- [9] **Subparagraph 66.A.23 (b) 1**

substitute

1. carrying out maintenance (as an AME) of the kind that would be covered by the privileges of any of the licences held, for no less than a total of 100 days and retaining evidence of carrying out the maintenance; or

- [10] **Subparagraph 66.A.23 (b) 2**

omit

from a Part 147 organisation (an *MTO*) authorised for category training

insert

from an MTO authorised for category training or aircraft type training

- [11] **Sub-subparagraph 66.A.23 (b) 2. (ii)**

after

how the *assessment* was conducted

insert

— the assessment must include theory examination and practical assessment in a sampling of the range of maintenance activities that the holder is authorised by their licence and ratings to carry out

- [12] **Sub-subparagraph 66.A.23 (b) 2. (iii)**

omit

ratings on the licence; and

insert

ratings on the licence; or

- [13] **Subparagraph 66.A.23 (b) 3**

substitute

3. the holder is assessed by an AMO, or an organisation holding a certificate of approval to carry out maintenance activities issued under regulation 30 of CAR 1988, to determine that he or she continues to have the knowledge and skills necessary for the holder of an aircraft engineer licence with the ratings on the licence, and the assessment follows a process for requalifying individuals based on Australian competency-based training (CBT) standards and outlined in:
 - (i) for the AMO — the AMO's exposition; or
 - (ii) for the organisation holding a certificate of approval under regulation 30 of CAR 1988 — the organisation's system of quality control.

[14] Subparagraph 66.A.23 (b) 4

omit

[15] Paragraph 66.A.23 (c)

omit

is that the Part 145 organisation (an *AMO*)

insert

is that the AMO

[16] After paragraph 66.A.25 (h)

insert

(ha) The academic qualifications required to satisfy the requirements for grant of a category C licence are:

1. an academic degree (as a minimum, a 3 year bachelor of technology degree) in an aeronautical, mechanical, structural, electrical, electronic or avionics discipline obtained from a university or other higher educational institution recognised by CASA.

[17] Sub-subparagraph 66.A.30 (a) 3. (iii)

after

base maintenance tasks

insert

within that 3 year period

[18] Subparagraph 66.A.45 (c) 2, the Note

omit

[19] After subparagraph 66.A.45 (c) 2

insert

3. if each of the following applies:
 - (i) the applicant is a category B1 licence holder (the *holder*) with a rating (a *type rating*) for a particular type, or type and model, of large aircraft with a particular type of aircraft engine (a *large aircraft type*);
 - (ii) the holder applies for a rating (the *different type rating*) for a large aircraft type, that is different from his or her type rating;
 - (iii) the large aircraft type to which the different type rating would apply has the same manufacturer as the large aircraft type to which the holder's type rating applies;
 - (iv) CASA carries out an RPL assessment that compares the differences between the large aircraft type to which the type rating applies and the large aircraft type to which the different type rating would apply;
 - (v) CASA determines that the B1 engine (powerplant) interface differences between the 2 large aircraft types are not such as to require further training of the holder for the issue of the different type rating.

Note In subparagraphs (c) 2 and (c) 3, a **large aircraft type** means, in accordance with paragraphs (a) and (b) of the definition of **aircraft type** in regulation 66.010 of CASR 1998:

- (a) a particular type, or type and model, of large aircraft with a particular type of aircraft engine; or
- (b) a large aircraft with a particular type of aircraft engine.

[20] Paragraph 66.A.45 (e)

omit

theoretical training can only

insert

theoretical training must

[21] Subparagraph 66.A.45 (k) 3

substitute

- 3. a licence in category radio, with a Group 1, 2, 3, 4, 5, 6, 7, 9, 10 or 12 rating, provided that the airframe is not a type rated aircraft type;

[22] Subparagraph 66.A.45 (k) 4

substitute

- 4. a licence in category electrical, with a Group 1 or 2 rating, provided that the airframe is not a type rated aircraft type;

[23] Subparagraph 66.A.45 (k) 5

substitute

- 5. a licence in category instruments, with a Group 1, 3, 5, 7, 8, 9 or 10 rating, provided that the airframe is not a type rated aircraft type.

[24] Paragraph 66.A.70 (c)

omit

under subparagraph 66.100 (b) (ii) of CASR 1998

insert

under subparagraph 66.100 (a) (ii) of CASR 1998

[25] Appendix I, Module 11, column 1 for section 11.1.2 High speed flight

omit

aerodynamic cheating

insert

aerodynamic heating

[26] Appendix III, Part 2, table for section 5, column titled *ATA chapter*, box below item 12

insert

20

[27] Appendix IV, column B1.1 for item *MEA359A*

omit

W

[28] Appendix VII, item E33

omit

Excluding supercharging

insert

Excluding all supercharging systems

[29] Appendix VIII, column B1.1 for item E10

omit

X

[30] Appendix VIII, column titled *Title of Exclusion* for item E33

omit

Excluding supercharging

insert

Excluding all supercharging systems

[31] Appendix IX, Table 1

substitute

Table 1

Note These aeroplanes are large or designated as large — requiring type training and endorsement of type rating on the relevant licence category.

See paragraph 66.A.1 (e) for the meaning of *Various* in column 2.

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
328 Support Services	328-100 Series		Dornier 328-100 (PWC PW119)
AIRBUS	A318-110 Series A319-110 Series A320-111 A320-210 Series A321-110 Series A321-210 Series		Airbus A318/A319/A320/A321 (CFM56)
	A319-130 Series A320-230 Series A321-130 Series A321-230 Series		Airbus A319/A320/A321 (IAE V2500)
	A330-200 Series A330-300 Series		Airbus A330 (GE CF6)
	A330-220 Series A330-320 Series		Airbus A330 (PW 4000)
	A330-240 Series A330-340 Series		Airbus A330 (RR RB 211 Trent 700)

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AIRBUS	A350-900 Series		Airbus A350 (RR Trent XWB)
	A380-840 Series		Airbus A380 (RR RB211 Trent 900)
AIRCRAFT INDUSTRIES	L-420		Let L-420 (Walter M601) ^{Note 2}
ATR-GIE Avions de Transport Régional	ATR 42-200 ATR 42-300		ATR 42-200/300 Series (PWC PW120)
	ATR 42-400		ATR 42-400/500/72-212A (PWC PW120)
	ATR 42-500	42-500	ATR 42-400/500/72-212A (PWC PW120)
	ATR 42-500	42-600	ATR 42-400/500/72-212A (PWC PW120)
	ATR 72-212 A	72-500	ATR 42-400/500/72-212A (PWC PW120)
	ATR 72-212 A	72-600	ATR 42-400/500/72-212A (PWC PW120)
BAE SYSTEMS (OPERATIONS) LTD	BAe 146 Series 100 BAe 146 Series 200 BAe 146 Series 300 AVRO 146-RJ70 AVRO 146-RJ85 AVRO 146-RJ100 AVRO 146-RJ115		BAe 146/AVRO 146-RJ (Honeywell ALF500 Series)
	HS.748 Series 1 HS.748 Series 2 HS 748 Series 2A HS 748 Series 2B		HS748 (RRD Dart)
	Jetstream 3100	Jetstream 31	Jetstream 31/32 (Honeywell TPE331)
	Jetstream 3200	Jetstream 32/32EP	Jetstream 31/32 (Honeywell TPE331)
	Jetstream 4100		Jetstream 41

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
			(Honeywell TPE331)
BOEING COMPANY (THE)	B707-100	Long Body	Boeing 707/720 (PW JT3)
	B707-100B	Long Body	Boeing 707/720 (PW JT3)
	B707-100B	Short Body	Boeing 707/720 (PW JT3)
	B707-300B Series B707-300C Series B720 B720B		Boeing 707/720 (PW JT3)
	B717-200		MD-717-200 (RRD BR700-715)
	B727 Series B727-100 Series B727C Series B727-100C Series B727-200 Series		Boeing 727 (PW JT8D)
	B737-300 B737-400 B737-500		Boeing 737-300/400/500 (CFM56)
	B737-600 B737-700 B737-800 B737-900 B737-900ER		Boeing 737-600/700/800/900 (CFM56)
	B747-400 B747-400D B747-400F/SF/BCF		Boeing 747-400 (GE CF6)
	B747-400 B747-400F/SF/BCF		Boeing 747-400 (RR RB211)
B757-200 B757-200PF		Boeing 757-200/300 (RR RB211)	

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
BOEING COMPANY (THE)	B757-300		
	B767-200 B767-300		Boeing 767-200/300 (PW 4000)
	B767-200 B767-300		Boeing 767-200/300 (PW JT9D)
	B767-200 B767-300 B767-300F B767-400ER		Boeing 767-200/300/400 (GE CF6)
	B777-200 B777-200LR B777-300ER		Boeing 777-200/300 (GE 90)
	B777F	Freighter	Boeing 777-200/300 (GE 90)
	B777-200 B777-300		Boeing 777-200/300 (RR RB211-Trent 800)
	B787-8 B787-9	Dreamliner	Boeing 787-8/9 (GE GENx)
	B787-8 B787-9	Dreamliner	Boeing 787-8/9 (RR RB 211 Trent 1000)
BOMBARDIER	BD-100-1A10	Challenger 300 Challenger 350	Bombardier BD-100-1A10 (Honeywell AS907)
	BD-700-1A10	Global Express	Bombardier BD-700 Series (RRD BR710)
	BD-700-1A10	Global 6000	Bombardier BD-700 Series (RRD BR710)
	BD-700-1A11	Global 5000	Bombardier BD-700 Series (RRD BR710)
	BD-700-1A11	Global 5000 GVFD	Bombardier BD-700 Series (RRD BR710)
	CL-600-1A11	Challenger 600	Bombardier CL-600-1A11 (Honeywell ALF502)
	CL600-2A12 (601 Variant)	Challenger 601	Bombardier CL-600 -2A12/-2B16 (variant CL 601/601-3A/3R) (GE CF34)
	CL600-2B16	Challenger	Bombardier CL-600 -2A12/-2B16 (variant CL

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
BOMBARDIER	(601-3A Variant)	601-3A	601/601-3A/3R (GE CF34)
	CL600-2B16 (601-3R Variant)	Challenger 601-3R	Bombardier CL-600 -2A12/- 2B16 (variant CL 601/601- 3A/3R) (GE CF34)
	CL600-2B16 (604 Variant)	Challenger 604 (MSN < 5701)	Bombardier CL-600 -2B16 (variant CL 604) (GE CF34)
	CL600-2B16 (604 Variant)	Challenger 605 (MSN > 5701)	Bombardier CL-600 -2B16 (variant CL 604) (GE CF34)
	CL600-2B19	Regional Jet Series 100	Bombardier CL-600-2B19 (GE CF34)
	DHC-8-102 DHC-8-103 DHC-8-106	DHC-8 Series 100	Bombardier DHC-8-100/200/300 (PWC PW 120)
	DHC-8-201 DHC-8-202	DHC-8 Series 200	Bombardier DHC-8-100/200/300 (PWC PW 120)
	DHC-8-301 DHC-8-311 DHC-8-314 DHC-8-315	DHC-8 Series 300	Bombardier DHC-8-100/200/300 (PWC PW 120)
	DHC-8-401 DHC-8-402	DHC-8 Series 400	Bombardier DHC-8-400 (PWC PW150)
CESSNA AIRCRAFT Company	510		Cessna 510 (PWC PW615)
	525	Citation Jet CJ1 Citation M2	Cessna 525/525A (Williams FJ44)
	525A	Citation Jet CJ2	Cessna 525/525A (Williams FJ44)
	525B	Citation Jet CJ3	Cessna 525B (Williams FJ44)
	525C	Citation Jet CJ4	Cessna 525C (Williams FJ44)
	550	Citation Bravo	Cessna 550/560

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
CESSNA AIRCRAFT Company			(PWC PW530/535)
	560	Citation Encore	Cessna 550/560 (PWC PW530/535)
	560	Citation Encore+	Cessna 550/560 (PWC PW530/535)
	550	Citation II	Cessna 550/551/560 (PWC JT15D)
	S550	Citation S/II	Cessna 550/551/560 (PWC JT15D)
	551	Citation II	Cessna 550/551/560 (PWC JT15D)
	560	Citation V	Cessna 550/551/560 (PWC JT15D)
	560	Citation Ultra	Cessna 550/551/560 (PWC JT15D)
	560 XL	Citation Excel	Cessna 560XL/XLS (PWC PW545)
	560 XLS	Citation XLS	Cessna 560XL/XLS (PWC PW545)
	560 XLS+	Citation XLS+	Cessna 560XL/XLS (PWC PW545)
	650	Citation III-VI	Cessna 650 (Honeywell TFE731)
	650	Citation VII	Cessna 650 (Honeywell TFE731)
	680	Sovereign Sovereign+	Cessna 680 (PWC PW306)
750	Citation X	Cessna 750 (RR Corp AE3007C)	
DASSAULT AVIATION	Falcon 10		Falcon 10 (Honeywell TFE731)
	Fan Jet Falcon Series C Series D Series E Series F	(Basic) Fan Jet Falcon	Falcon 20 (GE CF700)
	Mystère Falcon 20-C5		Falcon 20-5 (Honeywell TFE731)

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
DASSAULT AVIATION	Mystère Falcon 20-D5 Mystère Falcon 20-E5 Mystère Falcon 20-F5		
	Fan Jet Falcon Series G Mystère Falcon 200 Mystère Falcon 20GF		Falcon 200 (Honeywell ATF 3-6)
	Mystère Falcon 50	50	Falcon 50 (Honeywell TFE731)
	Mystère Falcon 50	50EX	Falcon 50EX (Honeywell TFE731)
	Mystère Falcon 900	Falcon 900C	Falcon 900C (Honeywell TFE731)
	Falcon 2000		Falcon 2000 (CFE 738)
	Falcon 2000EX		Falcon 2000EX (PWC PW308)
	Falcon 7X		Falcon 7X (PWC PW307A)
EADS CASA	C-212-CB C-212-CC C-212-CD C-212-CE C-212-CF C-212-DD C-212-DF C-212-EE C-212-VA	Aviocar	C-212 (Honeywell TPE331)
	CN-235 CN-235-100 CN-235-200 CN-235-300		CN-235 (GE CT7)
EMBRAER	EMB-120 EMB-120RT	Brasilia	Embraer EMB-120 (PWC PW110 Series)

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
EMBRAER	EMB-120ER		
	EMB-135BJ	Legacy 600	Embraer EMB-135/145 (RR Corp AE3007A)
	EMB-135BJ	Legacy 650	Embraer EMB-135/145 (RR Corp AE3007A)
	EMB-135ER EMB-135LR EMB-145 EMB-145ER EMB-145EU EMB-145EP EMB-145LR EMB-145LU EMB-145MP EMB-145MK		Embraer EMB-135/145 (RR Corp AE3007A)
	EMB-500	Phenom 100	Embraer EMB-500 (PWC PW617)
	ERJ-170-100 STD	ERJ-170	Embraer ERJ-170 Series (GE CF34)
	ERJ 170-100 LR	ERJ-170	Embraer ERJ-170 Series (GE CF34)
	ERJ 170-200 STD	ERJ-175	Embraer ERJ-170 Series (GE CF34)
	ERJ 170-200 LR	ERJ-175	Embraer ERJ-170 Series (GE CF34)
	ERJ 190-100 ECJ	Lineage 1000	Embraer ERJ-190 Series (GE CF34)
	ERJ 190-100 LR	ERJ-190	Embraer ERJ-190 Series (GE CF34)
	ERJ 190-100 STD	ERJ-190	Embraer ERJ-190 Series (GE CF34)
	ERJ 190-100 SR	ERJ-190	Embraer ERJ-190 Series (GE CF34)
	ERJ 190-200 STD	ERJ-195	Embraer ERJ-190 Series (GE CF34)
ERJ 190-100 IGW	ERJ-190 AR	Embraer ERJ-190 Series (GE CF34)	

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
EMBRAER	ERJ 190-200 IGW	ERJ-195 AR	Embraer ERJ-190 Series (GE CF34)
	ERJ 190-200 LR	ERJ-195	Embraer ERJ-190 Series (GE CF34)
FOKKER SERVICES	F27 Mark 050	Fokker 50	Fokker 50/60 Series (PWC PW 125/127)
	F27 Mark 0502	Fokker 50	Fokker 50/60 Series (PWC PW 125/127)
	F27 Mark 0604	Fokker 60	Fokker 50/60 Series (PWC PW 125/127)
	F28 Mark 1000 F28 Mark 1000C F28 Mark 2000 F28 Mark 3000 F28 Mark 3000C F28 Mark 3000R F28 Mark 3000RC F28 Mark 4000	Fellowship Hawker Siddeley	Fokker F28 Series (RRD Spey) Fokker F28 Series (RRD Spey)
	F28 Mark 0070	Fokker 70	Fokker 70/100 (RRD Tay)
	F28 Mark 0100	Fokker 100	Fokker 70/100 (RRD Tay)
FRAKES AVIATION	G73		Grumman G73 (PT6)
GULFSTREAM AEROSPACE LP (GALP), c/o Israel Aircraft Industries	1125 Westwind Astra Astra SPX G100	Gulfstream 100	Gulfstream (IAI) 100/1125/Astra SPX (Honeywell TFE731)
	Gulfstream G150	Gulfstream G150	Gulfstream (IAI) G150 (Honeywell TFE731)
	Gulfstream 200/Galaxy	Galaxy 200	Gulfstream (IAI) 200/Galaxy (PWC PW306)
GULFSTREAM AEROSPACE Corporation	GIV (G300)	Gulfstream G300	Gulfstream G-IV Series (RRD Tay)
	GIV (G400)	Gulfstream G400	Gulfstream G-IV Series (RRD Tay)
	G-IV/GIV-SP	Gulfstream G-IV/GIV-SP	Gulfstream G-IV Series (RRD Tay)

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
GULFSTREAM AEROSPACE Corporation	GIV-X (G350)	Gulfstream G350	Gulfstream GIV-X Series (RRD Tay)
	GIV-X (G450)	Gulfstream G450	Gulfstream GIV-X Series (RRD Tay)
	GV	Gulfstream GV	Gulfstream GV basic model (RRD BR710)
	GV-SP (G500)	Gulfstream G500	Gulfstream GV-SP Series (RRD BR710)
	GV-SP (G550)	Gulfstream G550	Gulfstream GV-SP Series (RRD BR710)
	GVI	G650	Gulfstream GVI (RRD BR725)
HAWKER BEECHCRAFT	DH.125 Series 1 DH.125 Series 3 DH.125 Series 400 HS.125 Series 3 HS.125 Series F3 HS.125 Series F400 HS.125 Series 600 HS.125 Series 700 HS.125 Series F600	Hawker Siddeley	BAe 125/Series 700/800 (Honeywell TFE731)
	BH.125 Series 400 BH.125 Series 600	Beechcraft Hawker	BAe 125/Series 700/800 (Honeywell TFE731)
	BAe.125 Series 800		BAe 125/Series 700/800 (Honeywell TFE731)
	Hawker 750	Hawker 750	BAe 125/Series 750/800XP/850XP/900XP (Honeywell TFE731)
	Hawker 800XP	Hawker 800XP	BAe 125/Series 750/800XP/850XP/900XP (Honeywell TFE731)
	Hawker 850XP	Hawker 850XP	BAe 125/Series 750/800XP/850XP/900XP

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
HAWKER BEECHCRAFT			(Honeywell TFE731)
	Hawker 900XP	Hawker 900XP	BAe 125/Series 750/800XP/850XP/900XP (Honeywell TFE731)
	BAe 125 Series Hawker 1000A/B Hawker 1000		BAe 125/Series 1000 (PWC PW305)
	300 300LW	Super King Air	Beech 300 Series (PWC PT6)
	B300	Super King Air 350	Beech 300 Series (PWC PT6)
	B300C	Super King Air 350 C	Beech 300 Series (PWC PT6)
	390	Premier I, 1A	Beech 390 (Williams FJ44)
	400	Beechjet	Beech 400/Mitsubishi MU-300 (Williams FJ44)
	400	Beechjet	Beech 400/Mitsubishi MU-300 (PWC JT15)
	400A	Beechjet (Hawker XP)	Beech 400/Mitsubishi MU-300 (PWC JT15)
	400T	Beechjet	Beech 400/Mitsubishi MU-300 (PWC JT15)
	MU-300	Diamond I/IA	Beech 400/Mitsubishi MU-300 (PWC JT15)
	MU-300-10	Diamond II	Beech 400/Mitsubishi MU-300 (PWC JT15)
	1900 1900C 1900D	Airliner	Beech 1900 (PWC PT6)
ISRAEL AIRCRAFT INDUSTRIES	IAI 1124 IAI 1124A	Westwind	IAI 1124 (Honeywell TFE731)

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
KELOWNA (Convair)	580		Convair 580 (RR Corp 501)
LEARJET	31/31A		Learjet 31 (Honeywell TFE731)
	35/35A 36/36A		Learjet 35/36 (Honeywell TFE731)
	Learjet 40	LJ40 or LJ40XR	Learjet Model 45 (Honeywell TFE731)
	Learjet 45	LJ45 or LJ45XR	Learjet Model 45 (Honeywell TFE731)
	55/55B/55C		Learjet 55 (Honeywell TFE731)
	Learjet 60	LJ60 or LJ60XR	Learjet 60 (PWC PW305)
M7 AEROSPACE	SA226-T SA226-TC SA226-AT SA226-T(B)		Fairchild SA226 Series (Honeywell TPE331)
	SA227-AT SA227-TT SA227-CC SA227-DC		Fairchild 227 Series (Honeywell TPE331)
	SA227-AC SA227-BC	Swearingen Metro	
PILATUS AIRCRAFT	PC-12 PC-12/45 PC-12/47 PC-12/47E		Pilatus PC-12 (PWC PT6)
SAAB AB, SAAB Aerosystems	340A(SF340A) 340B	Saab-Fairchild 340A	Saab (SF) 340 (GE CT7)
SHORT BROTHERS SHORT BROTHERS	SD3-30 SD3-60 SD3-SHERPA SD3-60 SHERPA	Variant 200	Shorts SD3 Series-30/SD3-60 (PWC PT6)
NA	Various		Small/non-rated aircraft

Type Certificate (TC) holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
			(Avco Lycoming T53) ^{Note 1}
NA	Various		Small/non-rated aircraft (Bristol Siddeley Viper B/S) ^{Note 1}
NA	Various		Small/non-rated aircraft (De Havilland Goblin 35) ^{Note 1}
NA	Various		Small/non rated aircraft (Gen Electric J85-GE-17A) ^{Note 1}
NA	Various		Small/non-rated aircraft (Honeywell TPE331) ^{Note 1}
NA	Various		Small/non-rated aircraft (PWC PT6) ^{Note 1}
NA	Various		Small/non-rated aircraft (PWC JT15D) ^{Note 1}
NA	Various		Small/non-rated aircraft (Rolls Royce Avon) ^{Note 1}
NA	Various	Allison 250	Small/non-rated aircraft (RR Corp 250) ^{Note 1}
NA	Various		Small/non-rated aircraft (Williams FJ44) ^{Note 1}
NA	Various		Small/non-rated aircraft (Walter M601) ^{Note 1, Note 2}
<p><i>Note 1 This is a rule.</i> For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 1” (the <i>endorsement</i>) has no applicability to Category B2 and Category C. However, an aircraft engineer licence in Category B1.1 or B1.2 (as relevant) must be endorsed with the endorsement before the holder may perform maintenance certifications for the engine of the aircraft.</p> <p><i>Note 2 This is a rule.</i> For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 2” (that is the Walter M601 engine rating) also applies for the M601H-80 engine now designated by the manufacturer as the GE Aviation Czech H80.</p>			

[32] Appendix IX, Table 2, Part 1 — Aeroplanes eligible for AMO controlled or delivered type training

substitute

Note These are aircraft for which an AMO may select or control type training (theory and practical) for AMO 6 month authorisation and subsequent CASA grant of type rating on the relevant licence category.

Part 1 — Aeroplanes eligible for AMO controlled or delivered type training

Note Aeroplanes in this table were previously covered by regulation 31 of the *Civil Aviation Regulations 1988* lower group ratings or are considered eligible for AMO selected manufacturer training.

TC holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
BAE SYSTEMS	Jetstream 3100	Jetstream 31	Jetstream 31/32 (Honeywell TPE331) Note 1
	Jetstream 3200	Jetstream 32/32EP	Jetstream 31/32 (Honeywell TPE331) Note 1
EMBRAER EMBRAER	EMB-120 EMB-120RT EMB-120ER	Brasilia	Embraer EMB-120 (PWC PW110 Series) Note 1, Note 3
FRAKES AVIATION	G73		Grumman G73 (PWC PT6) Note 1
M7 AEROSPACE	SA226-T SA226-TC SA226-AT SA226-T(B)		Fairchild SA226 Series (Honeywell TPE331) Note 1
NA	Various		Small/non-rated aircraft (Bristol Siddeley Viper B/S) Note 2
NA	Various		Small/non-rated aircraft (De Havilland Goblin 35) Note 2
NA NA	Various	Allison 250	Small/non-rated aircraft (RR Corp 250)
NA	Various		Small/non-rated aircraft (Rolls Royce Avon) Note 2

Note 1 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, the engine type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 1” requires CASA approved type training

Note 2 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 2” (the **endorsement**) has no applicability to Category B2 and Category C. However, an aircraft engineer licence in Category B1.1 or B1.2 (as relevant) must be endorsed with the endorsement before the holder may perform maintenance certifications for the engine of the aircraft.

Note 3 This is a rule. AMO training for an aircraft type that is identified in column 4 by the label “Note 3” is approved for practical training only.

[33] Appendix IX, Table 2, Part 2

substitute

Note These are aircraft for which an AMO may select or control type training (theory and practical) for AMO 6 month authorisation and subsequent CASA grant of type rating on the relevant licence category.

Part 2

Note Helicopters in this table were previously covered by regulation 31 of the *Civil Aviation Regulations 1988* lower group ratings or are considered eligible for AMO selected manufacturer training. An AMO may provide B1, or B2, or B1 and B2, aircraft type training for the listed helicopters (but only as annotated in the table).

TC holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AGUSTAWESTLAND	AW189		AW189 (GE CT7)
AIRBUS HELICOPTERS DEUTSCHLAND GmbH	BO 105 A BO 105 C/CBS-4/-5 BO 105 D/DB BO 105 DB-4 BO 105 DBS Series BO 105 LS A-1/A-3 BO 105 S		BO 105 series (RR Corp 250) Note 3
	EC 135 P1 EC 135 P2 EC 135 P2 + EC 135 P3 EC 635 P2+ EC 635 P3		Eurocopter EC 135 (PWC PW206) Note 3
	EC 135 T1 EC 135 T2 EC 135 T2+ EC 135 T3 EC 635 T1 EC 635 T2+ EC 635 T3		Eurocopter EC 135 (Turbomeca Arrius 2B) Note 3, Note 6
AIRBUS HELICOPTERS DEUTSCHLAND GmbH	MBB-BK 117 A Series MBB-BK 117 B Series		Eurocopter MBB-BK 117 A/B (Honeywell LTS 101) Note 1, Note 3

TC holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AIRBUS HELICOPTERS DEUTSCHLAND GmbH	MBB-BK 117 C1		Eurocopter MBB-BK 117 C1 (Turbomeca Arriel 1) ^{Note 1, Note 3}
	MBB-BK 117 C2	EC145	Eurocopter MBB-BK 117 C2 (Turbomeca Arriel 1) ^{Note 1, Note 3,} Note 6
BELL HELICOPTER CANADA	222 222B 222U		Bell 222 (Honeywell LTS 101) ^{Note 1,} Note 2
	230	Executive/Utility/ EMS	Bell 230 (RR Corp 250) Note 2
	427		Bell 427 (PWC PW207D) Note 1, Note 2, Note 6
	430		Bell 430 (RR Corp 250) Note 2, Note 6
	429		Bell 429 (PWC PW207D) Note 1, Note 3
BELL HELICOPTER TEXTRON, INC	222SP		Bell 222 (RR Corp 250) ^{Note 2}
MD HELICOPTERS INC	MD900		MD Helicopters MD900 (PWC PW206/207) Note 1, Note 2, Note 3
SIKORSKY AIRCRAFT	S-58 BT to JT		Sikorsky S-58 (PWC PT6T) ^{Note 1,} Note 3
NA	Various		Small/non-rated aircraft (Avco Lycoming T5508)

TC holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
NA	Various	Allison 250	Small/non-rated aircraft (RR Corp 250) Note 4, Note 5
NA	Various	Allison 250	Small/non-rated aircraft (Honeywell LTS101) Note 4

Note 1 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, the engine type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 1” requires CASA approved type training.

Note 2 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, B2 training for the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 2”, may only be provided by an AMO that is approved in writing by CASA to provide the training.

Note 3 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, B1 training, or B2 training, or B1 and B2 training, for the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 3”, may only be provided or arranged by an AMO that is approved in writing by CASA to provide, or arrange, the training.

Note 4 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 4” (the **endorsement**) has no applicability to Category B2 and Category C. However, an aircraft engineer licence in Category B1.3 must be endorsed with the endorsement before the holder may perform maintenance certifications for the engine of the aircraft.

Note 5 This is a rule. For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 5” (that is the RR Corp 250 engine rating) also applies for the RR250-C300/A1 engine, sometimes referred to as the RR300.

Note 6 For information regarding category B2 theory/practical training, please consult CASA Maintenance Personnel Licensing (MPL) section.

[34] Appendix IX, Table 3

substitute

Table 3

Note These are large turbine powered aircraft excluded from Part 66 of CASR 1998 type rating, and therefore, eligible to have the engines maintained by a category B1.1 licence holder with the small/non-rated aircraft (engine) rating. A category B2 licence holder may maintain these aircraft without a type rating endorsement.

TC holder	Aircraft type (aeroplanes)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AIR TRACTOR	400 500 800	Air Tractor	Small/non-rated aircraft (PWC PT6) Note 1
DE HAVILLAND CANADA	DHC-4	Caribou	Small/non rated aircraft (PWC PT6) Note 1

(DORNIER) RUAG AEROSPACE	228-100 Series 228-200 Series		Small/non-rated aircraft (Honeywell TPE331) ^{Note 1}
<p><i>Note 1 This is a rule.</i> For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 1” (the endorsement) has no applicability to Category B2 and Category C. However, an aircraft engineer licence in Category B1.1 or B1.2 (as relevant) must be endorsed with the endorsement before the holder may perform maintenance certifications for the engine of the aircraft.</p>			

[35] Appendix IX, Table 4

omit

[36] Appendix IX, Table 5

substitute

Table 5

Note These are multi-engine helicopters (turbine powered), requiring type training and endorsement of type rating on the relevant licence category, and turbine engines that can be fitted to those helicopters. The small/non-rated aircraft ratings (engine ratings) are applicable to non-rated multi-engined and single-engined helicopters (turbine powered).

See paragraph 66.A.1 (e) for the meaning of *Various* in column 2.

TC holder	Aircraft type (helicopters)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AGUSTA	AS61N AS61NI		Agusta AS61N/Sikorsky S-61N (GE CT58)
AGUSTAWESTLAND	A109E A109N A109S AW109SP		Agusta A109 Series (PWC PW206/207)
	A109 A109A A109AII A109C		Agusta A109 Series (RR Corp 250)
	A109K2		Agusta A109 (Turbomeca Arriel 1)
	A109E A109LUH		Agusta A109 Series (Turbomeca Arrius 2)
	AB139 AW139		Agusta AB139/ AW139 (PWC PT6)

TC holder	Aircraft type (helicopters)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AGUSTAWESTLAND	AW169		AW169 (PWC 210)
	AW189		AW189 (GE CT7)
	AB 212		Bell 212/ Agusta AB212 (PWC PT6)
BELL HELICOPTER TEXTRON, INC	212		
	214ST		Bell 214ST (GE CT7)
	412 412EP 412CF		Bell 412/ Agusta AB412 (PWC PT6)
AGUSTA	AB412 AB412 EP		
BELL HELICOPTER CANADA	222SP		Bell 222 (RR Corp 250)
	222 222B 222U		Bell 222 (Honeywell LTS 101)
	230	Executive/ Utility/EMS	Bell 230 (RR Corp 250)
	427		Bell 427 (PWC PW207D)
	429		Bell 429 (PWC PW207D)
	430		Bell 430 (RR Corp 250)
AIRBUS HELICOPTERS	SA330 J		Eurocopter SA 330 (Turbomeca Turmo)
	AS332 C AS332 L AS332 C1 AS332 L1		Eurocopter AS 332 (Turbomeca Makila 1A/1A1)
	AS355 E AS355 F		Eurocopter AS 355

TC holder	Aircraft type (helicopters)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AIRBUS HELICOPTERS	AS355 F1 AS355 F2		(RR Corp 250)
	AS355 N AS355 NP		Eurocopter AS 355 (Turbomeca Arrius 1)
	SA 365 N SA 365 N1 AS 365 N2	Dauphin	Eurocopter SA 365 N/N1, AS 365 N2 (Turbomeca Arriel 1)
	AS 365 N3	Dauphin	Eurocopter AS 365 N3 (Turbomeca Arriel 2C)
	EC 225 LP		Eurocopter EC 225 (Turbomeca Makila 2A)
AIRBUS HELICOPTERS DEUTSCHLAND GmbH	BO 105 A BO 105 C/CBS-4/-5 BO 105 D/DB BO 105 DB-4 BO 105 DBS Series BO 105 LS A-1/A-3 BO 105 S		BO 105 series (RR Corp 250)
	EC 135 P1 Series EC 135 P2 Series EC 635 P2+		Eurocopter EC 135 (PWC PW206)
	EC 135 T1 Series EC 135 T2 Series EC 635 T1 EC 635 T2 Series		Eurocopter EC 135 (Turbomeca Arrius 2B)
	MBB-BK 117 A Series MBB-BK 117 B Series		Eurocopter MBB- BK 117 A/B (Honeywell LTS 101)
	MBB-BK 117 C1		Eurocopter MBB-

TC holder	Aircraft type (helicopters)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
AIRBUS HELICOPTERS DEUTSCHLAND GmbH			BK 117 C1 (Turbomeca Arriel 1) ^{Note 2}
	MBB-BK 117 C2	EC145	Eurocopter MBB- BK 117 C2 (Turbomeca Arriel 1) ^{Note 2}
MD HELICOPTERS INC	MD900		MD Helicopters MD900 (PWC PW206/207)
SIKORSKY AIRCRAFT	S-58 BT to JT		Sikorsky S-58 (PWC PT6T)
	S-61N S-61NM		Agusta AS61N/Sikorsky S-61N (GE CT58)
	S-76A		Sikorsky S-76A (RR Corp 250)
	S-76A	S-76A+	Sikorsky S-76A (Turbomeca Arriel 1)
	S-76A	S-76A++	Sikorsky S-76A (Turbomeca Arriel 1)
	S-76B	S-76B	Sikorsky S-76B (PWC PT6)
	S-76C		Sikorsky S-76C (Turbomeca Arriel 1)
	S-76C	S-76C+	Sikorsky S-76C (Turbomeca Arriel 2)
	S-76C	S-76C++	Sikorsky S-76C (Turbomeca Arriel 2)
	S-92A		Sikorsky S-92A (GE CT7-8)

TC holder	Aircraft type (helicopters)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
NA	Various		Small/non-rated aircraft (Avco Lycoming T53) ^{Note 1}
NA	Various		Small/non-rated aircraft (GE CT58) ^{Note 1}
NA	Various		Small/non-rated aircraft (Honeywell TPE331) ^{Note 1}
NA	Various		Small/non-rated aircraft (Honeywell LTS 101) ^{Note 1}
NA	Various		Small/non-rated aircraft (Lycoming T5508) ^{Note 1}
NA	Various		Small/non-rated aircraft (PWC PT6) ^{Note 1}
NA	Various	Allison 250	Small/non-rated aircraft (RR Corp 250) ^{Note 1, Note 3}
NA	Various		Small/non-rated aircraft (Turbomeca Arrius) ^{Note 1}
NA	Various		Small/non-rated aircraft (Turbomeca Arriel) ^{Note 1}
NA	Various		Small/non-rated aircraft (Turbomeca Artouste) ^{Note 1}

TC holder	Aircraft type (helicopters)	Commercial designation	Type rating endorsement (aircraft type – engine in brackets)
NA	Various		Small/non-rated aircraft (Turbomeca Astazou) ^{Note 1}

Note 1 **This is a rule.** For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 1” (the **endorsement**) has no applicability to Category B2 and Category C. However, an aircraft engineer licence in Category B1.3 must be endorsed with the endorsement before the holder may perform maintenance certifications for the engine of the aircraft.

Note 2 **This is a rule.** For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 2” (that is the Eurocopter MBB-BK117 engine ratings) also applies for Kawasaki BKK117 helicopter models with the same engine as the Eurocopter MBB-BK117 model.

Note 3 **This is a rule.** For an aircraft type mentioned in a cell in a row of column 2, the type rating endorsement mentioned in a cell in the same row in column 4 that is annotated “Note 3” (that is the RR Corp 250 engine rating) also applies for the RR250-C300/A1 engine, sometimes referred to as the RR300.