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) |
| AIRBUSAIRBUS | A318-110 SeriesA319-110 SeriesA320-111A320-210 SeriesA321-110 SeriesA321-210 Series |  | Airbus A318/A319/A320/A321 (CFM56) |
| A319-130 SeriesA320-230 SeriesA321-130 SeriesA321-230 Series |  | Airbus A319/A320/A321 (IAE V2500)  |
| A330-200 SeriesA330-300 Series |  | Airbus A330(GE CF6) |
| A330-220 SeriesA330-320 Series |  | Airbus A330(PW 4000) |
| A330-240 SeriesA330-340 Series |  | Airbus A330(RR RB 211 Trent 700) |
| 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-GIEAvions de Transport Régional | ATR 42-200ATR 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 100BAe 146 Series 200BAe 146 Series 300AVRO 146-RJ70AVRO 146-RJ85AVRO 146-RJ100AVRO 146-RJ115 |  | BAe 146/AVRO 146‑RJ(Honeywell ALF500 Series) |
| HS.748 Series 1HS.748 Series 2HS 748 Series 2AHS 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(Honeywell TPE331) |
| BOEING COMPANY (THE)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 SeriesB707-300C SeriesB720B720B |  | Boeing 707/720(PW JT3) |
| B717-200 |  | MD-717-200(RRD BR700‑715) |
| B727 SeriesB727-100 SeriesB727C SeriesB727-100C SeriesB727-200 Series |  | Boeing 727(PW JT8D) |
| B737-300B737-400B737-500 |  | Boeing 737-300/400/500 (CFM56) |
| B737-600B737-700B737-800B737-900B737-900ER |  | Boeing 737-600/700/800/900 (CFM56) |
| B747-400B747-400DB747-400F/SF/BCF |  | Boeing 747-400(GE CF6) |
| B747-400B747-400F/SF/BCF |  | Boeing 747-400(RR RB211) |
| B757-200B757-200PFB757-300 |  | Boeing 757-200/300(RR RB211) |
| B767-200B767-300 |  | Boeing 767-200/300(PW 4000) |
| B767-200B767-300 |  | Boeing 767-200/300(PW JT9D) |
| B767-200B767-300B767-300FB767-400ER |  | Boeing 767‑200/300/400 (GE CF6) |
| B777-200B777-200LRB777-300ER |  | Boeing 777-200/300(GE 90) |
| B777F | Freighter | Boeing 777-200/300(GE 90) |
| B777-200B777-300 |  | Boeing 777-200/300(RR RB211-Trent 800) |
| B787-8B787-9 | Dreamliner | Boeing 787-8/9(GE GEnx) |
| B787-8B787-9 | Dreamliner | Boeing 787-8/9 (RR RB 211 Trent 1000) |
| BOMBARDIERBOMBARDIER | BD-100-1A10 | Challenger 300Challenger 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(601-3A Variant) | Challenger601-3A | Bombardier CL‑600 ‑2A12/-2B16 (variant CL 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-8-102DHC-8-103DHC-8-106 | DHC-8Series 100 | BombardierDHC-8-100/200/300(PWC PW 120) |
| DHC-8-201DHC-8-202 | DHC-8Series 200 | BombardierDHC-8-100/200/300(PWC PW 120) |
| DHC-8-301DHC-8-311DHC-8-314DHC-8-315 | DHC-8Series 300 | BombardierDHC-8-100/200/300(PWC PW 120) |
| DHC-8-401DHC-8-402 | DHC-8Series 400 | BombardierDHC-8-400(PWC PW150) |
| CESSNAAIRCRAFTCompanyCESSNAAIRCRAFTCompany | 510 |  | Cessna 510(PWC PW615) |
| 525 | Citation Jet CJ1Citation 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(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 | SovereignSovereign+ | Cessna 680(PWC PW306) |
| 750  | Citation X  | Cessna 750(RR Corp AE3007C) |
| DASSAULTAVIATIONDASSAULTAVIATION | Falcon 10 |  | Falcon 10(Honeywell TFE731) |
| Fan Jet FalconSeries CSeries DSeries ESeries F | (Basic) Fan Jet Falcon | Falcon 20(GE CF700) |
| Mystère Falcon 20-C5Mystère Falcon 20-D5Mystère Falcon 20-E5Mystère Falcon 20-F5 |  | Falcon 20-5(Honeywell TFE731) |
| Fan Jet Falcon Series GMystère Falcon 200Mystère 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-CBC-212-CCC-212-CDC-212-CEC-212-CFC-212-DDC-212-DFC-212-EEC-212-VA | Aviocar | C-212(Honeywell TPE331) |
| CN-235CN-235-100CN-235-200CN-235-300 |  | CN-235 (GE CT7) |
| EMBRAEREMBRAEREMBRAER | EMB-120EMB-120RTEMB-120ER | Brasilia | Embraer EMB-120(PWC PW110 Series) |
| EMB-135BJ | Legacy 600 | Embraer EMB-135/145(RR Corp AE3007A) |
| EMB-135BJ | Legacy 650 | Embraer EMB-135/145(RR Corp AE3007A) |
| EMB-135EREMB-135LREMB-145EMB-145EREMB-145EUEMB-145EPEMB-145LREMB-145LUEMB-145MPEMB-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) |
| 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) |
| FOKKERSERVICES | 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 1000F28 Mark 1000CF28 Mark 2000F28 Mark 3000F28 Mark 3000CF28 Mark 3000RF28 Mark 3000RCF28 Mark 4000 | FellowshipHawker 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 |  | GrummanG73 (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) |
| GULFSTREAMAEROSPACECorporationGULFSTREAMAEROSPACECorporation | GIV (G300) | Gulfstream G300 | Gulfstream G-IV Series(RRD Tay) |
| GIV (G400) | Gulfstream G400 | Gulfstream G-IV Series(RRD Tay) |
| G-IV/GIV-SP | GulfstreamG-IV/GIV-SP | Gulfstream G-IV Series(RRD Tay) |
| 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 BEECHCRAFTHAWKER BEECHCRAFT | DH.125 Series 1DH.125 Series 3DH.125 Series 400HS.125 Series 3HS.125 Series F3HS.125 Series F400HS.125 Series 600HS.125 Series  700HS.125 Series  F600 | Hawker Siddeley | BAe 125/Series 700/800 (Honeywell TFE731) |
| BH.125 Series 400BH.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(Honeywell TFE731) |
| Hawker 900XP | Hawker 900XP | BAe 125/Series 750/800XP/850XP/900XP(Honeywell TFE731) |
| BAe 125 SeriesHawker 1000A/BHawker 1000 |  | BAe 125/Series 1000(PWC PW305) |
| 300300LW | 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) |
| 19001900C1900D | Airliner | Beech 1900(PWC PT6) |
| ISRAEL AIRCRAFT INDUSTRIES | IAI 1124IAI 1124A | Westwind | IAI 1124(Honeywell TFE731) |
| KELOWNA (Convair) | 580 |  | Convair 580(RR Corp 501) |
| LEARJET | 31/31A |  | Learjet 31(Honeywell TFE731) |
| 35/35A36/36A |  | 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-TSA226-TCSA226-ATSA226-T(B) |  | Fairchild SA226 Series(Honeywell TPE331) |
| SA227-ATSA227-TTSA227-CCSA227-DC |  | Fairchild 227 Series(Honeywell TPE331) |
| SA227-ACSA227-BC | Swearingen Metro |
| PILATUSAIRCRAFT | PC-12PC-12/45PC-12/47PC-12/47E |  | Pilatus PC-12(PWC PT6)  |
| SAAB AB, SAAB Aerosystems | 340A(SF340A)340B | Saab-Fairchild 340A | Saab (SF) 340(GE CT7) |
| SHORT BROTHERSSHORT BROTHERS | SD3-30SD3-60SD3-SHERPASD3-60 SHERPA | Variant 200 | Shorts SD3 Series-30/SD3-60(PWC PT6) |
| NA | Various |  | Small/non-rated aircraft(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 |
| *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 B1.1 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 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 Walter M601 engine rating) also applies for the M601H-80 engine now designated by the manufacturer as the [GE Aviation Czech H80](http://en.wikipedia.org/wiki/GE_Aviation_Czech_H80). |

[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 |
| EMBRAEREMBRAER | EMB-120EMB-120RTEMB-120ER | Brasilia | Embraer EMB-120 (PWC PW110 Series)Note 1, Note 3 |
| FRAKES AVIATION | G73 |  | Grumman G73(PWC PT6) Note 1 |
| M7 AEROSPACE  | SA226-TSA226-TCSA226-ATSA226-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 |
| NANA | 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 HELICOPTERSDEUTSCHLAND GmbH | BO 105 ABO 105 C/CBS-4/-5BO 105 D/DBBO 105 DB-4BO 105 DBS SeriesBO 105 LS A-1/A-3BO 105 S |  | BO 105 series (RR Corp 250) Note 3 |
| EC 135 P1EC 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 T2EC 135 T2+EC 135 T3EC 635 T1EC 635 T2+EC 635 T3  |  | Eurocopter EC 135 (Turbomeca Arrius 2B) Note 3, Note 6 |
| AIRBUS HELICOPTERS DEUTSCHLAND GmbHAIRBUS HELICOPTERS DEUTSCHLAND GmbH | MBB-BK 117 A SeriesMBB-BK 117 B Series |  | Eurocopter MBB‑BK 117 A/B(Honeywell LTS 101) Note 1, Note 3 |
| 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 | 222222B222U |  | 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) |
| 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 | 400500800 | 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 Series228-200 Series |  | Small/non-rated aircraft(Honeywell TPE331) 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 B1.1 or B1.2 (as relevant) must be endorsed with the endorsement before the holder may perform maintenance certifications for the engine of the aircraft. |

[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 | AS61NAS61NI |  | Agusta AS61N/SikorskyS-61N(GE CT58) |
| AGUSTAWESTLANDAGUSTAWESTLAND | A109EA109NA109SAW109SP |  | Agusta A109 Series(PWC PW206/207) |
| A109A109AA109AIIA109C |  | Agusta A109 Series(RR Corp 250) |
| A109K2 |  | Agusta A109 (Turbomeca Arriel 1) |
| A109EA109LUH |  | Agusta A109 Series(Turbomeca Arrius 2) |
| AB139AW139 |  | Agusta AB139/AW139 (PWC PT6) |
| 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) |
| 412412EP412CF |  | Bell 412/Agusta AB412 (PWC PT6) |
| AGUSTA | AB412AB412 EP |  |
| BELL HELICOPTER CANADA | 222SP |  | Bell 222 (RR Corp 250) |
| 222222B222U |  | 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 HELICOPTERSAIRBUS HELICOPTERS | SA330 J |  | Eurocopter SA 330(Turbomeca Turmo) |
| AS332 CAS332 LAS332 C1AS332 L1 |  | Eurocopter AS 332(Turbomeca Makila 1A/1A1) |
| AS355 EAS355 FAS355 F1AS355 F2 |  | Eurocopter AS 355(RR Corp 250) |
| AS355 NAS355 NP |  | Eurocopter AS 355(Turbomeca Arrius 1) |
| SA 365 NSA 365 N1AS 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 HELICOPTERSDEUTSCHLANDGmbHAIRBUS HELICOPTERSDEUTSCHLANDGmbH | BO 105 ABO 105 C/CBS-4/-5BO 105 D/DBBO 105 DB‑4BO 105 DBS SeriesBO 105 LSA-1/A-3BO 105 S |  | BO 105 series(RR Corp 250) |
| EC 135 P1 SeriesEC 135 P2 SeriesEC 635 P2+ |  | Eurocopter EC 135(PWC PW206) |
| EC 135 T1 SeriesEC 135 T2 SeriesEC 635 T1EC 635 T2 Series |  | Eurocopter EC 135 (Turbomeca Arrius 2B) |
| MBB-BK 117 A SeriesMBB-BK 117 B Series |  | Eurocopter MBB-BK 117 A/B(Honeywell LTS 101) |
| MBB-BK 117 C1 |  | Eurocopter MBB-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-61NS-61NM |  | Agusta AS61N/SikorskyS-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) |
| 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 |
| 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.  |