



Australian Government
Civil Aviation Safety Authority

I, MARK ALAN SKIDMORE, Director of Aviation Safety, on behalf of CASA, make this instrument under regulation 66.015 of the *Civil Aviation Safety Regulations 1998*.

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

25 August 2016

Part 66 Manual of Standards Amendment Instrument 2016 (No. 5)

1 Name of instrument

This instrument is the *Part 66 Manual of Standards Amendment Instrument 2016 (No. 5)*.

2 Commencement

This instrument commences on the day of registration.

3 Transitional

If:

- (a) immediately before the commencement day, a person was entitled to a unit of competency mentioned in Appendix IV or VIII of the Part 66 Manual of Standards; and
 - (b) on the commencement day this instrument replaces the unit with a new version of the unit;
- then the applicant is entitled to the new unit.

4 Amendment of Part 66 Manual of Standards

The Part 66 Manual of Standards is amended as set out in Schedule 1.

Schedule 1 Amendments

[1] Before section 66.1A

insert

Part 1 Preliminary

[2] Section 66.5, Definitions

insert

APU means auxiliary power unit.

ATA means Air Transport Association of America.

Note ATA is a publication referencing standard, commonly used for all commercial aircraft documentation.

cell, when mentioned for a table, means an individual, undivided unit (regardless of its size) into which a column of the table is subdivided.

COA holder means a person who holds a certificate of approval under regulation 30 of CAR 1988.

large aircraft has the same meaning as in the CASR Dictionary.

MEA means manufacturing and engineering assessment.

Note MEA is part of a code assigned to each nationally endorsed Australian training package to identify the particular industry the training package covers.

MTO means maintenance training organisation under Part 147 of CASR 1998.

non-rated aircraft has the same meaning as in paragraph (b) of the definition of **aircraft type** in regulation 66.010 of CASR 1998.

small aircraft has the same meaning as in the CASR Dictionary.

[3] After subparagraph 66.A.1 (b) 4.

insert

Part 2 Aircraft engineer licences for type-rated aircraft etc.

66.A.4 Certain type-rated aircraft types and endorsements etc.

[4] Subsection 66.A.4, paragraphs (c), (d), (e), (f) and (g)

re-letter as paragraphs (a), (b), (c), (d) and (e) respectively

[5] Paragraph 66.A.4 (e), definitions

omit

[6] Sub-subparagraph 66.A.20 (a) 1. (ii)

omit

line

[7] Subparagraph 66.A.20 (a) 2., the chapeau

omit

line

[8] Sub-subparagraph 66.A.20 (a) 2. (iii)

omit

line

[9] Sub-subparagraph 66.A.20 (a) 4. (ii), the chapeau

omit

was

insert

is

[10] Sub-sub-subparagraph 66.A.20 (a) 4. (ii) (F)

substitute

- (F) as a daily, or manufacturer's equivalent, inspection, or as an extended diversion time operation (EDTO) pre-flight inspection;
- (G) scheduled routine inspection of fibre-reinforced plastic composite structures — but not including an inspection in which specialised

equipment is used, or in which repairs to the composite structure are carried out;

- (H) inspection using an NDT method — but only if limited to liquid penetrant inspection using aerosol-packed materials.

[11] Subparagraph 66.A.20 (a) 4A., the chapeau

omit

includes

insert

also includes

[12] Sub-subparagraph 66.A.20 (a) 4A. (i)

omit

condition of

insert

condition and

[13] After subparagraph 66.A.20 (a) 5.

insert

5A. A person who, between 27 June 2015 and 3 July 2020:

- (i) satisfies the requirements of each of paragraphs 66.A.25 (i), 66.A.30 (f), and 66.A.45 (j) of this MOS; and
- (ii) but for the repeal of regulation 31 would, thereby, have qualified for the issue of an aircraft maintenance engineer licence with the former engine category Group 1 or Group 2 rating, or the former airframe category Group 1, 2 or 19 rating; and
- (iii) on this basis, is issued with a Category B1 licence;
may perform maintenance certifications and issue certificates of release to service for the following maintenance:
- (iv) all electrical maintenance on an aircraft fitted with a single generator and approved for V.F.R. operations only;
- (v) all instrument system maintenance for aircraft general instruments (but excluding RMI, inertial navigation and multi-axis autopilots) on an aircraft approved for V.F.R. operations only;
- (vi) periodic inspections for aircraft radio systems on an aircraft approved for V.F.R. operations only.

Note 27 June 2015 was the operative date for use of regulation 31 of CAR 1988 to obtain an equivalent AME licence (see paragraphs 66.A.25 (i), 66.A.30 (f) and 66.A.45 (j) of this MOS). 3 July 2020 is the date of repeal of regulation 202.345 of CASR 1998 which enables transitional use of regulation 31 to qualify for Category B1 (and B2) licences (see subregulation 202.345 (3) inserted by item 30 of the *Civil Aviation Legislation Amendment (Part 66) Regulation 2015*).

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

substitute

- (E) as a daily, or manufacturer's equivalent, inspection, or as an ETOPS pre-flight inspection.

[15] Subparagraph 66.A.20 (a) 6.A., the chapeau

omit

includes

insert

also includes

[16] Sub-subparagraph 66.A.20 (a) 6A. (i)

omit

condition of

insert

condition and

[17] Section 66.A.21, Table 2, column 1, cell A

omit

to which regulation 202.341 applies

insert

to which regulation 202.341, as in force immediately before 15 December 2015, applied

[18] Section 66.A.21, Table 2, column 1, cell B

omit

in accordance with subregulation 202.343 (2) or 202.344 (2) of CASR 1998, is taken to be entitled

insert

in accordance with subregulation 202.343 (2) or 202.344 (2) of CASR 1998, as in force immediately before 15 December 2015, was taken to be entitled

[19] Paragraph 66.A.25 (b)

substitute

- (b) The applicant must demonstrate by examination, conducted by an MTO, knowledge:
1. of each subject module that is marked as applicable for the licence category or subcategory in accordance with Part 2 of Appendix I in this MOS; and
 2. of each subject or item in a module in Part 3 of Appendix I that is marked in column 2, 3 or 4 of the table by a level of knowledge numeral as being applicable for the licence category or subcategory; and
 3. to the corresponding level of knowledge for the subject or item; and
 4. in accordance with Appendix II of this MOS or as otherwise approved in writing by CASA.

[20] After paragraph 66.A.25 (b)

insert

- (ba) Where the applicability symbol – (a dash) – appears in a row of a column of the table in Part 3 of Appendix I that is for a licence category or subcategory, knowledge of the subject or item mentioned in the same row is not required for the category or subcategory (as the case may be).

[21] Paragraph 66.A.25 (f)

omit

for such a rating

insert

for the privilege

[22] Paragraph 66.A.25. (i)

omit

paragraphs (a) to (h) (twice occurring)

insert

paragraphs (b) to (h)

[23] Paragraph 66.A.45. (b)

omit

non-type rated aircraft (twice occurring)

insert

non-rated aircraft

[24] Paragraph 66.A.45. (h), the chapeau

substitute

An AMO in accordance with section 145.A.37 of the Part 145 MOS, or a COA holder in accordance with Civil Aviation Order 104.0 (Certificates of approval — application, grant and conditions) (a **CAR 30 organisation**), may:

[25] Paragraph 66.A.55 (c)

substitute

(c) OJT:

1. may only be conducted and managed by a maintenance organisation, or a maintenance training organisation, approved by CASA to undertake such training activities; and
2. must be supported by a detailed syllabus of OJT content which includes provision for completion of the OJT to be recorded in detailed worksheets or logbooks; and
3. must be assessed and approved by CASA.

Note CASA's assessment and approval are guided by Appendix II of the Part 66 *Acceptable Means of Compliance (ACM) and Guidance Material (GM)* document, and *Advisory Circular AC 66-07 – Practical training options for aircraft type training and recording of recent work experience* (both of which are amended from time to time).

[26] Appendix IV*substitute***Appendix IV****Units of competency required for a category or subcategory of licence**

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|----------------------------------|--|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-----------|
| MEA101 | Interpret work health and safety practices in aviation maintenance | X | X | X | X | X | X | X | X | X |
| MEA103 | Plan and organise aviation maintenance work activities | X | X | X | X | X | X | X | X | X |
| MEA105 | Apply quality standard applicable to aviation maintenance | X | X | X | X | X | X | X | X | X |
| MEA107 | Interpret and use aviation maintenance industry manuals and specifications | X | X | X | X | X | X | X | X | X |
| MEA108 | Complete aviation maintenance industry documentation | X | X | X | X | X | X | X | X | X |
| MEA109 | Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance | 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 |
| MEA112 | Plan and implement civil aircraft maintenance activities | | | | | X | X | X | X | X |
| MEA113 | Supervise civil maintenance activities and manage human resources in the workplace | | | | | X | X | X | X | X |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|--|----|----|----|----|------|------|------|------|----|
| MEA116 | Apply work health and safety procedures at supervisor level in aviation maintenance | | | | | X | X | X | X | X |
| MEA117 | Apply self in the aviation maintenance environment | X | X | X | X | | | | | |
| MEA118 | Conduct self in the aviation maintenance environment | | | | | X | X | X | X | X |
| MEA119 | Perform administrative processes to prepare for certification of civil aircraft A level line maintenance | X | X | X | X | | | | | |
| MEA142 | Manage self in the aviation maintenance environment | | | | | X | X | X | X | X |
| MEA148 | Apply mathematics and physics in aviation maintenance | | | | | X | X | X | X | X |
| MEA201 | Remove and install miscellaneous aircraft electrical hardware/ components | | | | | X | X | X | X | X |
| MEA203 | Remove and install advanced aircraft electrical system components | | | | | X | X | X | X | X |
| MEA205 | Remove and install advanced aircraft instrument system components | | | | | | | | | X |
| MEA206 | Remove and install aircraft basic radio communication and navigation system components | | | | | | | | | X |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|---|----|----|----|----|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----|
| MEA207 | Remove and install aircraft electronic system components | | | | | | | | | X |
| MEA208 | Remove and install pressurisation control system components | | | | | X | X | | | |
| MEA209 | Remove and install oxygen systems and components | | | | | X | X | | | X |
| MEA211 | Inspect, test and troubleshoot advanced aircraft electrical systems and components | | | | | X or MEA 223 and 227 | X or MEA 223 and 227 | X or MEA 223 and 227 | X or MEA 223 and 227 | |
| MEA219 | Inspect, test and troubleshoot aircraft pressurisation control systems and components | | | | | X | X | | | |
| MEA222 | Inspect, test and troubleshoot aircraft oxygen systems and components | | | | | X | X | | | |
| MEA223 | Inspect aircraft electrical systems and components | | | | | X or MEA 211 | X or MEA 211 | X or MEA 211 | X or MEA 211 | X |
| MEA224 | Inspect aircraft instrument systems and components | | | | | | | | | X |
| MEA225 | Inspect fixed wing aircraft automatic flight control systems and components | | | | | | | | | X |
| MEA226 | Inspect aircraft electronic systems and components | | | | | | | | | X |
| MEA227 | Test and troubleshoot aircraft electrical systems and components | | | | | X or MEA 211 | X or MEA 211 | X or MEA21 1 | X or MEA21 1 | X |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|---|----|----|----|----|------|------|------|------|--------------|
| MEA228 | Test and troubleshoot aircraft instrument systems and components | | | | | | | | | X |
| MEA229 | Test and troubleshoot aircraft radio frequency navigation and communications systems and components | | | | | | | | | X |
| MEA230 | Test and troubleshoot fixed wing aircraft automatic flight control systems and components | | | | | | | | | X or MEA 231 |
| MEA231 | Inspect, test and troubleshoot rotary-wing aircraft automatic flight control systems and components | | | | | | | | | X or MEA 230 |
| MEA232 | Test and troubleshoot aircraft pulse systems and components | | | | | | | | | X |
| MEA235 | Perform advanced troubleshooting in aircraft avionic maintenance | | | | | | | | | X |
| MEA240 | Use electrical test equipment to perform basic electrical tests | X | X | X | X | | | | | |
| MEA241 | Perform aircraft weight and balance calculations as a result of modifications | | | | | | | | | X |
| MEA246 | Fabricate and/or repair aircraft electrical hardware or parts | | | | | X | X | X | X | X |
| MEA260 | Use electrical test equipment | | | | | X | X | X | X | X |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|---|----|----|----|----|------|------|-----------------------|-----------------------|----|
| MEA264 | Remove and install aircraft electrical/ avionic components during line maintenance | X | X | X | X | | | | | |
| MEA265 | Remove and install general aircraft electrical hardware | X | X | X | X | | | | | |
| MEA301 | Perform aircraft flight servicing | | | | | X | X | X | X | X |
| MEA302 | Remove and install aircraft hydro-mechanical and landing gear system components | | | | | X | X | X | X | |
| MEA303 | Remove and install aircraft pneumatic system components | | | | | X | X | X | X | |
| MEA304 | Remove and install non-pressurised aircraft structural and non-structural components | | | | | | | X or MEA 317 | X or MEA 317 | |
| 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 | Remove and install propeller systems and components | | | | | P | X | | | |
| MEA308 | Remove and install rotary wing rotor and flight control system components | | | | | | | X | X | |
| MEA309 | Inspect, test and troubleshoot aircraft hydromechanical and landing gear systems and components | | | | | | X | X | X | |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|--|----|----|----|----|------|------|------|------|----|
| MEA310 | Inspect, test and troubleshoot aircraft pneumatic systems and components | | | | | | X | X | X | |
| MEA315 | Inspect, test and troubleshoot propeller systems and components | | | | | P | X | | | |
| MEA316 | Inspect, test and troubleshoot rotary-wing rotor and control systems and components | | | | | | | X | X | |
| MEA317 | Remove and install pressurised aircraft structural and non-structural components | | | | | X | X | | | |
| MEA318 | Inspect aircraft hydromechanical, mechanical, gaseous and landing gear systems and components | | | | | X | | | | |
| MEA319 | Inspect gas turbine engine systems and components | | | | | X | | X | | |
| MEA320 | Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components | | | | | X | | | | |
| MEA321 | Test and troubleshoot aircraft fixed wing flight control systems and components | | | | | X | | | | |
| MEA322 | Test and troubleshoot gas turbine engine systems and components | | | | | X | | X | | |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|--|----|----|----|----|------|------|------|------|----|
| MEA323 | Perform advanced troubleshooting in aircraft mechanical maintenance | | | | | X | X | X | X | |
| 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 | |
| MEA339 | Inspect, repair and maintain aircraft structures | | | | | X | X | X | X | |
| MEA343 | Remove and install avionic system components | | | | | X | X | X | X | |
| MEA344 | Remove and install aircraft components | X | X | X | X | | | | | |
| MEA345 | Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft | X | | | | | | | | |
| MEA346 | Perform scheduled line maintenance activities on gas turbine engine rotary-wing aircraft | | | X | | | | | | |
| MEA347 | Perform scheduled line maintenance activities on piston engine fixed wing aircraft | | X | | | | | | | |
| MEA348 | Perform scheduled line maintenance activities on piston engine rotary-wing aircraft | | | | X | | | | | |

| Competency units required | Title | A1 | A2 | A3 | A4 | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---------------------------|--|----|----|----|----|------|------|------|------|----|
| MEA357 | Inspect, test and repair aircraft fabric surfaces | | | | | Z | Z | | | |
| MEA358 | Re-cover aircraft fabric surfaces | | | | | Z | Z | | | |
| MEA359 | Inspect and repair aircraft wooden structures | | | | | | W | | | |
| MEA365 | Assess structural repair/modification requirements and evaluate structural repairs and modifications | | | | | X | X | X | X | |
| MEA418 | Perform basic repair of aircraft internal fittings during line maintenance | X | X | X | X | | | | | |
| MSAENV272B | Participate in environmentally sustainable work practices | X | X | X | X | | | | | |
| MSAENV472B | Implement and monitor environmentally sustainable work practices | | | | | X | X | X | X | X |

[27] Appendix VII, the heading

add at the end

, or by a COA holder approved for excluded systems training

[28] Appendix VII, item E6

substitute

- E6 Excluding avionic LRUs
- E9 Excluding fabric surfaces
- E10 Excluding wooden structures

[29] Appendix VIII

substitute

Appendix VIII

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

| Competency Unit(s) required | Title of exclusion | | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|--|---------------------------|------------------------------------|-------------|-------------|-------------|-------------|-----------|
| MEA201 MEA203 MEA223 MEA227 MEA246 MEA260 | E1 | Excluding electrical systems | X | | | | |
| MEA201 MEA203 MEA211 MEA246 MEA260 | E1 | Excluding electrical systems | | X | X | X | |
| MEA203 MEA223 MEA227 | E1 | Excluding electrical systems | | | | | X |
| MEA302 MEA303 MEA305 MEA317 MEA318 MEA320 MEA321 MEA323 MEA325 MEA328 MEA339 MEA365 | E2 | Excluding mechanical or structural | X | | | | |
| MEA302 MEA304 MEA305 MEA309 MEA312 MEA325 MEA328 MEA339 MEA354 MEA365 | E2 | Excluding mechanical or structural | | X | | | |
| MEA302 MEA303 MEA304 MEA308 MEA309 | E2 | Excluding mechanical or structural | | | X | X | |

| Competency Unit(s) required | Title of exclusion | | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|--|--------------------|---|------|------|------|------|----|
| MEA310 MEA316 MEA323 MEA325 MEA328 MEA339 MEA365 | | | | | | | |
| MEA306 MEA307 MEA315 MEA319 MEA322 MEA323 | E3 | Excluding powerplant systems | X | | | | |
| MEA306 MEA307 MEA313 MEA315 | E3 | Excluding powerplant systems | | X | | | |
| MEA306 MEA319 MEA322 MEA323 | E3 | Excluding powerplant systems | | | X | | |
| MEA306 MEA313 | E3 | Excluding powerplant systems | | | | X | |
| MEA201 MEA203 MEA223 MEA227 MEA246 MEA260 | E4 | Excluding electrical subsystem of mechanical, powerplant or structural systems | X | | | | |
| MEA201 MEA203 MEA211 MEA246 MEA260 | E4 | Excluding electrical subsystem of mechanical, powerplant or structural systems | | X | X | X | |
| MEA203 MEA223 MEA227 | E4 | Excluding electrical subsystems of mechanical, powerplant or structural systems | | | | | X |
| MEA201 MEA203 MEA211 MEA246 MEA260 MEA343 | E5 | Excluding instrument subsystems of mechanical, powerplant or structural systems | X | X | X | X | |
| MEA205 MEA207 MEA224 MEA225 | E5 | Excluding instrument subsystems of mechanical, powerplant or structural systems | | | | | X |

| Competency Unit(s) required | Title of exclusion | | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---|---------------------------|--|-------------|-------------|-------------|-------------|-----------|
| MEA226 MEA228 MEA230 MEA231 MEA235 | | | | | | | |
| MEA201 MEA203 MEA211 MEA246 MEA260 MEA343 | E6 | Excluding avionics LRUs | X | X | X | X | |
| MEA205 MEA206 MEA207 MEA224 MEA225 MEA226 MEA228 MEA229 MEA230 MEA231 – may be taken instead of MEA225 and MEA230 where ratings sought are entirely helicopter MEA232 MEA235 | E6 | Excluding avionics LRUs | | | | | X |
| MEA201 MEA203 MEA211 MEA246 MEA260 MEA343 | E7 | Excluding instrument aspects of avionic systems — ATA22, 27, 31, 34 and 42 | X | X | X | X | |
| MEA205 MEA207 MEA224 MEA225 MEA226 MEA228 MEA230 MEA231 MEA235 | E7 | Excluding instrument aspects of avionic systems — ATA22, 27, 31, 34 and 42 | | | | | X |

| Competency Unit(s) required | Title of exclusion | | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|--|---------------------------|---|-------------|-------------|-------------|-------------|-----------|
| MEA201 MEA203 MEA211 MEA246 MEA260 MEA343 | E8 | Excluding radio aspects of avionic systems — ATA23, 34, 42 and 44 | X | X | X | X | |
| MEA206 MEA207 MEA226 MEA229 MEA232 MEA235 | E8 | Excluding radio aspects of avionic systems — ATA23, 34, 42 and 44 | | | | | X |
| MEA357 | E9 | Excluding fabric surfaces | X | X | X | X | |
| MEA359 | E10 | Excluding wooden structures | | X | X | X | |
| MEA206 MEA215 | E11 | Excluding audio CVR systems | | | | | X |
| MEA307 MEA315 | E12 | Excluding propellers | X | X | | | |
| MEA302 MEA309 | E13 | Excluding hydraulics — ATA29 | X | X | X | X | |
| MEA201 MEA246 MEA260 MEA362 | E14 | Excluding vapour cycle airconditioning aspects of ATA21 | X | X | X | X | |
| MEA201 MEA203 MEA211 MEA246 MEA260 MEA303 MEA310 | E15 | Excluding airconditioning aspects of ATA21 (for pressurised aircraft) | X | | | | |
| MEA201 MEA246 MEA260 MEA355 | E15 | Excluding airconditioning aspects of ATA21 (for unpressurised aircraft and helicopters) | X | X | X | X | |
| MEA201 MEA203 MEA208 MEA211 MEA219 MEA246 MEA260 MEA303 MEA310 MEA317 MEA323 | E16 | Excluding pressurisation aspects of ATA21 | X | | | | |
| MEA201 | E16 | Excluding pressurisation | | X | | | |

| Competency Unit(s) required | Title of exclusion | | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|---|---------------------------|--|-------------|-------------|-------------|-------------|-----------|
| MEA246 MEA356 | | aspects of ATA21 | | | | | |
| | E17 | Not allocated | | | | | |
| MEA206 MEA214 | E18 | Excluding ADF systems | | | | | X |
| MEA206 MEA214 – or the following 2 units in lieu of MEA214 MEA226 MEA229 | E19 | Excluding VOR systems | | | | | X |
| MEA206 MEA207 MEA216 | E20 | Excluding ILS systems | | | | | X |
| MEA207 MEA220 | E21 | Excluding weather radar systems | | | | | X |
| MEA207 MEA221 | E22 | Excluding ATC transponder systems | | | | | X |
| MEA207 MEA221 | E23 | Excluding radio altimeter systems | | | | | X |
| MEA207 MEA221 | E24 | Excluding DME systems | | | | | X |
| MEA207 MEA221 | E25 | Excluding Doppler systems | | | | | X |
| MEA206 MEA207 MEA234 | E26 | Excluding satellite navigation systems | | | | | X |
| MEA207 MEA291 | E27 | Excluding autopilots | | | | | X |
| MEA207 MEA217 or MEA218 (if helicopter systems are being maintained) | E28 | Excluding multi-axis autopilots | | | | | X |
| MEA205 MEA213 | E29 | Excluding remote indicating compass systems | | | | | X |
| MEA207 MEA233 | E30 | Excluding inertial navigation and reference systems | | | | | X |
| MEA208 MEA219 | E31 | Excluding pressurisation systems | | | | | X |
| MEA202 MEA210 MEA277 | E32 | Excluding electrical systems in aircraft equipped with multi-generator powered systems | | | | | X |
| MEA306 MEA313 | E33 | Excluding all supercharging systems | | X | | X | |

| Competency Unit(s) required | Title of exclusion | | B1.1 | B1.2 | B1.3 | B1.4 | B2 |
|--|---------------------------|---|-------------|-------------|-------------|-------------|-----------|
| MEA207 and any one of MEA227 MEA228 MEA229 MEA230 MEA231 MEA232 MEA278 | E34 | Excluding digital systems | | | | | X |
| MEA317 MEA339 | E35 | Excluding pressurised structures | X | X | | | |
| MEA306 MEA313 | E36 | Excluding carburettor systems | | X | | X | |
| MEA306 MEA313 | E37 | Excluding fuel injection systems | | X | | X | |
| MEA306 MEA313 | E38 | Excluding turbo supercharging systems | | X | | X | |
| MEA303 MEA310 | E39 | Excluding airframe ice protection systems | X | | X | | |
| MEA303 MEA310 | E40 | Excluding airframe fire protection systems | X | X | X | X | |
| MEA209 MEA222 | E41 | Excluding oxygen systems | X | X | X | X | |
| MEA201 MEA202 MEA210 MEA246 MEA260 MEA302 MEA309 | E42 | Excluding landing gear retraction systems | X | X | X | X | |
| MEA357 | E43 | Excluding fabric other than flight controls | X | X | X | X | |
| MEA201 MEA246 MEA260 | E44 | Excluding wiring repairs | X | X | X | X | |

[30] Appendix IX, Table 1, Type Certificate (TC) holder, BOEING COMPANY (THE)

omit

| | | | |
|--|---|--|----------------------------|
| | B747-400 B747-400D B747-400F/SF/BCF | | Boeing 747-400 (GE CF6) |
|--|---|--|----------------------------|

insert

| | | | |
|--|---|--|-----------------------------|
| | B747-400 B747-400D B747-400F/SF/BCF | | Boeing 747-400 (GE CF6) |
| | B747-400 B747-400F/SF/BCF | | Boeing 747-400 (PW 4000) |

[31] Appendix IX, Table 1, Type Certificate (TC) holder, BOEING COMPANY (THE), column 4, Type rating endorsement (aircraft type – engine in brackets)

omit

MD-717-200
(RRD BR700-715)

insert

MD 717-200
(RRD BR700-715)

[32] Appendix IX, Table 1, Type Certificate (TC) holder, BOEING COMPANY (THE), column 4, Type rating endorsement (aircraft type – engine in brackets)

omit

Boeing 777-200/300
(RR RB211-Trent 800)

insert

Boeing 777-200/300
(RR RB211 Trent 800)

[33] Appendix IX, Table 1, Type Certificate (TC) holder, BOEING COMPANY (THE), column 4, Type rating endorsement (aircraft type – engine in brackets)

omit

Boeing 787-8/9
(GE GENx)

insert

Boeing 787-8/-9
(GE GEnx)

- [34] Appendix IX, Table 1, Type Certificate (TC) holder, BOEING COMPANY (THE), column 4, Type rating endorsement (aircraft type – engine in brackets)**

omit

Boeing 787-8/9
(RR RB 211 Trent 1000)

insert

Boeing 787-8/-9
(RR RB211 Trent 1000)

- [35] Appendix IX, Table 1, Type Certificate (TC) holder, EADS CASA, column 4, Type rating endorsement (aircraft type – engine in brackets)**

omit

C-212
(Honeywell TPE331)

insert

CASA C-212
(Honeywell TPE331)

- [36] Appendix IX, Table 1, Type Certificate (TC) holder, EADS CASA, column 4, Type rating endorsement (aircraft type – engine in brackets)**

omit

CN-235 (GE CT7)

insert

CASA CN-235 (GE CT7)

- [37] Appendix IX, Table 1, Type Certificate (TC) holder, FRAKES AVIATION, column 4, Type rating endorsement (aircraft type – engine in brackets)**

omit

Grumman
G73 (PT6)

insert

Grumman G73
(PWC PT6)

- [38] Appendix IX, Table 1, Type Certificate (TC) holder, HAWKER BEECHCRAFT, column 4, Type rating endorsement (aircraft type – engine in brackets)**

omit (4 times occurring)

BAe 125/Series 750/800XP/850XP/900XP
(Honeywell TFE731)

insert

BAe 125 Series 750/800XP/850XP/900XP
(Honeywell TFE731)

[39] Appendix IX, Table 1, Type Certificate (TC) holder, HAWKER BEECHCRAFT, column 4, Type rating endorsement (aircraft type – engine in brackets)

omit

BAe 125/Series 1000
(PWC PW305)

insert

BAe 125 Series 1000
(PWC PW305)

[40] Appendix IX, Table 1, Type Certificate (TC) holder, M7 AEROSPACE, column 4, Type rating endorsement (aircraft type – engine in brackets)

omit

Fairchild 227 Series
(Honeywell TPE331)

insert

Fairchild SA227 Series
(Honeywell TPE331)

[41] Appendix IX, Table 1

omit

| | | | |
|----|---------|--|---|
| NA | Various | | Small/non-rated aircraft (PWC PT6) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (PWC JT15D) ^{Note 1} |

insert

| | | | |
|----|---------|--|---|
| NA | Various | | Small/non-rated aircraft (PWC JT15D) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (PWC PT6) ^{Note 1} |

[42] Appendix IX, Table 1

omit

| | | | |
|----|---------|--|---|
| NA | Various | | Small/non-rated aircraft (Williams FJ44) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (Walter M601) ^{Note 1, Note 2} |

insert

| | | | |
|----|---------|--|---|
| NA | Various | | Small/non-rated aircraft (Walter M601) ^{Note 1, Note 2} |
| NA | Various | | Small/non-rated aircraft (Williams FJ44) ^{Note 1} |

[43] Appendix IX, Table 2, Part 2, TC holder, AGUSTAWESTLAND

omit

| | | | |
|----------------|-------|--|----------------|
| AGUSTAWESTLAND | AW189 | | AW189 (GE CT7) |
|----------------|-------|--|----------------|

[44] Appendix IX, Table 2, Part 2, after the last row

insert

| | | | |
|----|---------|--|---|
| NA | Various | | Small or non-rated aircraft (Honeywell TPE331) ^{Note 1} |
|----|---------|--|---|

[45] Appendix IX, Table 5

omit

| | | | |
|----|---------|--|---|
| NA | Various | | Small/non-rated aircraft (Honeywell TPE331) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (Honeywell LTS 101) ^{Note 1} |

insert

| | | | |
|----|---------|--|---|
| NA | Various | | Small/non-rated aircraft (Honeywell LTS 101) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (Honeywell TPE331) ^{Note 1} |

[46] Appendix IX, Table 5

omit

| | | | |
|----|---------|--|--|
| NA | Various | | Small/non-rated aircraft (Turbomeca Arrius) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (Turbomeca Arriel) ^{Note 1} |

insert

| | | | |
|----|---------|--|--|
| NA | Various | | Small/non-rated aircraft (Turbomeca Arriel) ^{Note 1} |
| NA | Various | | Small/non-rated aircraft (Turbomeca Arrius) ^{Note 1} |