

Schedule 1 Directory of units of competency and units of knowledge

The following Table of Contents and Index of Competency Unit codes are for guidance only and are not part of the Schedule.

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Section B General**Language proficiency****Appendix B.1 General English language proficiency****Standards**

| Unit code | Unit of competency |
|-----------|--------------------------------------|
| GEL | General English language proficiency |

Appendix B.2 Aviation English language proficiency**Standards**

| Unit code | Unit of competency |
|-----------|---------------------------------------|
| AEL | Aviation English language proficiency |

Multi-crew cooperation**Appendix B.3 Multi-crew cooperation (MCC)****Aeronautical knowledge standards**

| Unit code | Unit of competency |
|-----------|--------------------|
| AHFC | ATPL Human factors |

See relevant underpinning knowledge in the Unit of competency

Practical flight standards

| Unit code | Unit of competency |
|-----------|--|
| MCO | Manage flight during multi-crew operations |

Airborne Collision Avoidance System (ACAS)**Appendix B.4 Airborne Collision Avoidance System (ACAS)****Aeronautical knowledge standards – reserved****Practical flight standards**

| Unit code | Unit of competency |
|-----------|--|
| CAS | Operate Airborne Collision Avoidance System (ACAS) |

Aeronautical radio operator (CASR Part 64)**Appendix B.5 Aeronautical radio operator (CASR Part 64)****Aeronautical knowledge standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| RARO | Aeronautical radio operation |

Practical flight standards

| Unit code | Unit of competency |
|------------------|----------------------------|
| C3 | Operate aeronautical radio |

Section G Recreational pilot licence (RPL)

Appendix G.1 Aeroplane category rating (RPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| RMTC | RPL Meteorology |
| PHFC | PPL Human factors |
| RBKA | Basic aeronautical knowledge – aeroplane |

Practical flight standards – aeroplane category rating

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |
| C2 | Perform pre- and post-flight actions and procedures |
| C4 | Manage fuel |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| A1 | Control aeroplane on the ground |
| A2 | Take-off aeroplane |
| A3 | Control aeroplane in normal flight |
| A4 | Land an aeroplane |
| A5 | Aeroplane advanced manoeuvres |
| A6 | Manage abnormal situations – single-engine aeroplanes |
| IFF | Instrument flight full panel |

Appendix G.2 Helicopter category rating (RPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| PHFC | PPL Human factors |
| RBKH | Basic aeronautical knowledge – helicopter |

Practical flight standards – helicopter category

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |

| Unit code | Unit of competency |
|-----------|---|
| C2 | Perform pre- and post-flight actions and procedures |
| C4 | Manage fuel |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| H1 | Control helicopter on the ground – stationary |
| H2 | Control helicopter in lift-off, hover and landing |
| H3 | Taxi helicopter |
| H4 | Take-off helicopter and approach to hover |
| H5 | Control helicopter in normal flight |
| H6 | Control helicopter during advanced manoeuvres |
| H7 | Manage abnormal situations and emergencies – helicopter |

Appendix G.3 Gyroplane category rating (RPL) – *Reserved*

Appendix G.4 Airship category rating (RPL) – *Reserved*

Appendix G.5 Controlled aerodrome endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| CTR | Operate at a controlled aerodrome |

Appendix G.6 Controlled airspace endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------|
| CTA | Operate in controlled airspace |

Appendix G.7 Flight radio endorsement

Aeronautical knowledge standards

| Unit code | Unit of competency |
|-----------|------------------------------|
| RARO | Aeronautical radio operation |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |

| Unit code | Unit of competency |
|-----------|----------------------------|
| C3 | Operate aeronautical radio |

Appendix G.8 Recreational navigation endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |
| IFF | Full instrument panel manoeuvres |
| NAV | Navigate aircraft |
| ONTA | Operate at non-towered aerodrome |
| OGA | Operate in Class G airspace |

Section H Private pilot licence (PPL)

Appendix H.1 Aeroplane category rating (PPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| RMTC | RPL Meteorology |
| PHFC | PPL Human factors |
| RBKA | Basic aeronautical knowledge – aeroplane |
| PAKC | PPL Aeronautical knowledge |
| PFRC | PPL Flight rules and air law |
| PHFC | PPL Human factors |
| PNVC | PPL Navigation |
| PMTC | PPL Meteorology |
| POPC | PPL Ops, performance and planning |
| PAKA | PPL Aeronautical knowledge – aeroplane |
| PFRA | PPL Flight rules and air law – aeroplane |
| POPA | PPL Ops, performance and planning – aeroplane |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |
| C4 | Manage fuel |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NAV | Navigate aircraft |
| A1 | Control aeroplane on the ground |
| A2 | Take off |
| A3 | Control aeroplane in normal flight |
| A4 | Land an aeroplane |
| A5 | Aeroplane advanced manoeuvres |
| A6 | Manage abnormal situations – single-engine aeroplanes |
| IFF | Instrument flight full panel |
| RNE | Radio navigation – en route |

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| ONTA | Operate at non-towered aerodrome |
| OGA | Operate in Class G airspace |
| OCA | Operate at a controlled aerodrome |
| CTA | Operate in controlled airspace |

Appendix H.2 Helicopter category rating (PPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| PHFC | PPL Human factors |
| RBKH | Basic aeronautical knowledge – helicopter |
| PAKC | PPL Aeronautical knowledge |
| PFRC | PPL Flight rules and air law |
| PHFC | PPL Human factors |
| PNVC | PPL Navigation |
| PMTC | PPL Meteorology |
| POPC | PPL Ops performance and planning |
| PAKH | PPL Aeronautical knowledge – helicopter |
| PFRH | PPL Flight rules and air law – helicopter |
| POPH | PPL Ops, performance and planning – helicopter |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in aviation environment |
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |
| C4 | Manage fuel |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NAV | Navigate aircraft |
| H1 | Control helicopter on the ground – stationary |
| H2 | Control helicopter in lift-off, hover and landing |
| H3 | Taxi helicopter |
| H4 | Take-off helicopter and approach to hover |

| Unit code | Unit of competency |
|-----------|---|
| H5 | Control helicopter in normal flight |
| H6 | Control helicopter during advanced manoeuvres |
| H7 | Manage abnormal situations and emergencies – helicopter |
| IFF | Instrument flight full panel |
| RNE | Radio navigation – en route |
| ONTA | Operate at non-towered aerodrome |
| OGA | Operate in Class G airspace |
| OCA | Operate at a controlled aerodrome |
| CTA | Operate in controlled airspace |

Appendix H.3 Powered-lift category rating (PPL) – *Reserved***Appendix H.4 Gyroplane category rating (PPL) – *Reserved*****Appendix H.5 Airship category rating (PPL) – *Reserved***

Section I Commercial pilot licence (CPL)

Appendix I.1 Aeroplane category rating (CPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| RMTC | RPL Meteorology |
| PHFC | PPL Human factors |
| RBKA | Basic aeronautical knowledge – aeroplane |
| PAKC | PPL Aeronautical knowledge |
| PFRC | PPL Flight rules and air law |
| PHFC | PPL Human factors |
| PNVC | PPL Navigation |
| PMTC | PPL Meteorology |
| POPC | PPL Ops, performance and planning |
| PAKA | PPL Aeronautical knowledge – aeroplane |
| PFRA | PPL Flight rules and air law – aeroplane |
| POPA | PPL Ops, performance and planning – aeroplane |
| CAKC | CPL Aeronautical knowledge |
| CADC | CPL Aerodynamics |
| CFRC | CPL Flight rules and air law |
| CHFC | CPL Human factors |
| CNVC | CPL Navigation |
| CMTC | CPL Meteorology |
| COPC | CPL Ops, performance and planning |
| CAKA | CPL Aeronautical knowledge – aeroplane |
| CADA | CPL Aerodynamics – aeroplane |
| CFRA | CPL Flight rules and air law – aeroplane |
| COPA | CPL Ops, performance and planning – aeroplane |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |
| C4 | Manage fuel |
| C5 | Manage passengers and cargo |

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NAV | Navigate aircraft |
| A1 | Control aeroplane on the ground |
| A2 | Take-off aeroplane |
| A3 | Control aeroplane in normal flight |
| A4 | Land aeroplane |
| A5 | Aeroplane advanced manoeuvres |
| A6 | Manage abnormal situations – single-engine aeroplanes |
| IFF | Instrument flight full panel |
| IFL | Limited instrument panel manoeuvres |
| RNE | Radio navigation – en route |
| ONTA | Operate at non-towered aerodrome |
| OGA | Operate in Class G airspace |
| OCA | Operate at a controlled aerodrome |
| CTA | Operate in controlled airspace |

Appendix I.1 Helicopter category rating (CPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| PHFC | PPL Human factors |
| RBKH | Basic aeronautical knowledge – helicopter |
| PAKC | PPL Aeronautical knowledge |
| PFRC | PPL Flight rules and air law |
| PHFC | PPL Human factors |
| PNVC | PPL Navigation |
| PMTc | PPL Meteorology |
| POPC | PPL Ops performance and planning |
| PAKH | PPL Aeronautical knowledge – helicopter |
| PFRH | PPL Flight rules and air law – helicopter |
| POPH | PPL Ops, performance and planning – helicopter |
| CAKC | CPL Aeronautical knowledge |
| CADC | CPL Aerodynamics |
| CFRC | CPL Flight rules and air law |

| Unit code | Unit of knowledge |
|-----------|--|
| CHFC | CPL Human factors |
| CNVC | CPL Navigation |
| CMTC | CPL Meteorology |
| COPC | CPL Ops, performance and planning |
| CAKH | CPL Aeronautical knowledge – helicopter |
| CADH | CPL Aerodynamics – helicopter |
| CFRH | CPL Flight rules and air law – helicopter |
| COPH | CPL Ops, performance and planning – helicopter |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |
| C4 | Manage fuel |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NAV | Navigate aircraft |
| H1 | Control helicopter on the ground – stationary |
| H2 | Control helicopter in lift-off, hover and landing |
| H3 | Taxi helicopter |
| H4 | Take-off helicopter and approach to hover |
| H5 | Control helicopter in normal flight |
| H6 | Control helicopter during advanced manoeuvres |
| H7 | Manage abnormal situations and emergencies – helicopter |
| IFF | Instrument flight full panel |
| IFL | Limited instrument panel manoeuvres |
| RNE | Radio navigation – en route |
| ONTA | Operate at non-towered aerodrome |
| OGA | Operate in Class G airspace |
| OCA | Operate at a controlled aerodrome |
| CTA | Operate in controlled airspace |

Appendix I.3 Powered-lift category rating (CPL) – *Reserved***Appendix I.4 Gyroplane category rating (CPL) – *Reserved*****Appendix I.5 Airship category rating (CPL) – *Reserved***

Section J Multi crew Pilot Licence (MPL)

Appendix J.1 Aeroplane category rating (MPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---|
| BAKC | Basic aeronautical knowledge |
| RFRC | RPL Flight rules and air law |
| RMTC | RPL Meteorology |
| PHFC | PPL Human factors |
| RBKA | Basic aeronautical knowledge – aeroplane |
| PAKC | PPL Aeronautical knowledge |
| PFRC | PPL Flight rules and air law |
| PHFC | PPL Human factors |
| PNVC | PPL Navigation |
| PMTC | PPL Meteorology |
| POPC | PPL Ops, performance and planning |
| PAKA | PPL Aeronautical knowledge – aeroplane |
| PFRA | PPL Flight rules and air law – aeroplane |
| POPA | PPL Ops, performance and planning – aeroplane |
| CAKC | CPL Aeronautical knowledge |
| CADC | CPL Aerodynamics |
| CFRC | CPL Flight rules and air law |
| CHFC | CPL Human factors |
| CNVC | CPL Navigation |
| CMTC | CPL Meteorology |
| COPC | CPL Ops, performance and planning |
| CAKA | CPL Aeronautical knowledge – aeroplane |
| CADA | CPL Aerodynamics – aeroplane |
| CFRA | CPL Flight rules and air law – aeroplane |
| COPA | CPL Ops, performance and planning – aeroplane |
| AAGC | ATP Aircraft general knowledge – common |
| AAGA | ATP Aircraft general knowledge – aeroplane |
| AFRC | ATP Flight rules and air law – common |
| AFRA | ATP Flight rules and air law – aeroplane |
| AHFC | ATP Human factors |
| ANVC | ATP Navigation – common |
| ANVA | ATP Navigation – aeroplane |

| Unit code | Unit of knowledge |
|-----------|---|
| AMTC | ATP Meteorology – common |
| AMTA | ATP Meteorology – aeroplane |
| AFPC | ATP Flight planning – common |
| AFPA | ATP Flight planning – aeroplane |
| APLC | ATP Performance and loading – common |
| APLA | ATP Performance and loading – aeroplane |
| IREX | Instrument rating |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C1 | Communicating in the aviation environment |
| C3 | Operate aeronautical radio |
| C2 | Perform pre- and post-flight actions and procedures |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| C5 | Manage passengers and cargo |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| NAV | Navigate aircraft |
| RNE | Radio navigation – en route |
| MCO | Manage flight during multi-crew operations |
| CIR | Conduct an IFR flight |
| TR-MEA | Type rating multi-engine aeroplane |
| IAP2 | Conduct an instrument approach 2D |
| IAP3 | Conduct an instrument approach 3D |

Section K Air transport pilot licence (ATPL)

Appendix K.1 Aeroplane category rating (ATPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| AAGC | ATP Aircraft general knowledge – common |
| AAGA | ATP Aircraft general knowledge – aeroplane |
| AFRC | ATP Flight rules and air law – common |
| AFRA | ATP Flight rules and air law – aeroplane |
| AHFC | ATP Human factors |
| ANVC | ATP Navigation – common |
| AMTC | ATP Meteorology – common |
| AFPC | ATP Flight planning – common |
| AFPA | ATP Flight planning – aeroplane |
| APLC | ATP Performance and loading – common |
| APLA | ATP Performance and loading – aeroplane |
| IRES | Instrument rating |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| RNE | Radio navigation – en route |
| MCO | Manage flight during multi-crew operations |
| CIR | Conduct an IFR flight |
| IAP2 | Conduct an instrument approach 2D |
| IAP3 | Conduct an instrument approach 3D |
| TR-MEA | Type rating multi-engine aeroplane |

Appendix K.2 Helicopter category rating (ATPL)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---|
| AAGC | ATP Aircraft general knowledge – common |
| AAGH | ATP Aircraft general knowledge – helicopter |
| AFRC | ATP Flight rules and air law – common |
| AFRH | ATP Flight rules and air law – helicopter |
| AHFC | ATP Human factors |
| ANVC | ATP Navigation – common |
| AMTC | ATP Meteorology – common |
| AFPC | ATP Flight planning – common |
| AFPH | ATP Flight planning – helicopter |
| APLC | ATP Performance and loading – common |
| APLH | ATP Performance and loading – helicopter |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |
| C5 | Manage passengers and cargo |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| NAV | Navigate aircraft |
| RNE | Radio navigation – en route |
| MCO | Manage flight during multi-crew operations |
| HSE | Helicopter single-engine class/type rating |
| HME | Helicopter multi-engine type rating |

Appendix K.3 Powered-lift category rating (ATPL) – Reserved

Section L Aircraft ratings and endorsements

Pilot class ratings and design feature endorsements

Appendix L.1 Single-engine aeroplane class rating

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C2 | Perform pre- and post-flight actions and procedures |
| C4 | Manage fuel |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| A1 | Control aeroplane on the ground |
| A2 | Take-off aeroplane |
| A3 | Control aeroplane in normal flight |
| A4 | Land aeroplane |
| A5 | Aeroplane advanced manoeuvres |
| A6 | Manage abnormal situations – single-engine aeroplanes |

Appendix L.2 Single-engine helicopter class rating

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C2 | Perform pre- and post-flight actions and procedures |
| C4 | Manage fuel |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| H1 | Control helicopter on the ground – stationary |
| H2 | Control helicopter in lift-off, hover and landing |
| H3 | Taxi helicopter |
| H4 | Take-off helicopter and approach to hover |
| H5 | Control helicopter in normal flight |
| H6 | Control helicopter during advanced manoeuvres |
| H7 | Manage abnormal situations and emergencies – helicopter |

Appendix L.3 Single-engine gyroplane class rating

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------|
| GSE | Gyroplane single engine |
| NTS1 | Non-technical skills 1 |

| | |
|------|------------------------|
| NTS2 | Non-technical skills 2 |
|------|------------------------|

Appendix L.4 Multi-engine aeroplane class rating

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| C2 | Perform pre- and post-flight actions and procedures |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| A1 | Control aeroplane on the ground |
| A2 | Take off |
| A3 | Control aeroplane in normal flight |
| A4 | Land aeroplane |
| A5 | Aeroplane advanced manoeuvres |
| IFF | Instrument flight full panel |
| AME | Operate multi-engine aeroplane |

Design feature endorsements

Appendix L.5 Tailwheel undercarriage endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------|
| DFE1 | Tailwheel aeroplane |

Appendix L.6 Retractable undercarriage endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------|
| DFE2 | Retractable undercarriage |

Appendix L.7 Manual propeller pitch control endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------|
| DFE3 | Manual propeller pitch control |

Appendix L.8 Gas turbine engine endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------|
| DFE4 | Gas turbine engine |

Appendix L.9 Multi-engine Centreline thrust endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|--|
| DFE5 | Multi-engine centreline thrust aeroplane |

Appendix L.10 Pressurisation system endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------|
| DFE6 | Pressurisation system |

Appendix L.11 Floating hull endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|--------------------|
| DFE7 | Floating hull |

Appendix L.12 Floatplane endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------------|
| DFE8 | Floatplane and amphibious aircraft |

Appendix L.13 Float alighting gear endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---------------------------------|
| DFE9 | Helicopter float alighting gear |

Pilot type ratings**Appendix L.14 Single-engine aeroplane type rating****Aeronautical knowledge standards**

| Unit code | Unit of knowledge |
|-----------|---------------------------------------|
| TYPA | Type rating – single-engine aeroplane |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------------------|
| TR-SEA | Type rating – single-engine aeroplane |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |

Appendix L.15 Single-engine helicopter type rating**Aeronautical knowledge standards**

| Unit code | Unit of knowledge |
|-----------|--------------------------|
| TYPH | Type rating – helicopter |

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------------|
| TR-SEH | Type rating single-engine helicopter |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |

Appendix L.16 Multi-engine aeroplane type rating**Aeronautical knowledge standards**

| Unit code | Unit of knowledge |
|-----------|-------------------------|
| TYPA | Type rating – aeroplane |

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------------|
| AME | Operate multi-engine aeroplane |
| TR-MEA | Type rating – multi-engine aeroplane |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |

Appendix L.17 Multi-engine helicopter type rating**Aeronautical knowledge standards**

| Unit code | Unit of knowledge |
|-----------|--------------------------|
| TYPH | Type rating – helicopter |

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| TR-MEH | Type rating multi-engine helicopter |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |

Appendix L.18 Cruise relief aeroplane type rating**Aeronautical knowledge standards**

| Unit code | Unit of knowledge |
|-----------|------------------------|
| TYPA | Type rating – aircraft |

Practical flight standards

| Unit code | Unit of competency |
|------------------|---------------------------|
| CRT | Cruise relief type rating |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |

Section M Instrument rating and endorsements

Appendix M.1 Instrument rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| IREX | Instrument rating |
| GNSS | Basic GNSS and en route GNSS navigation principles |

Appendix M.2 Single-engine aeroplane instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| CIR | Conduct an IFR flight |
| NVR1 | Conduct a traffic pattern at night |
| NVR2 | Night VFR – single-engine aircraft |
| IAP2 | Conduct an instrument approach 2D |

Appendix M.3 Multi-engine aeroplane instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| CIR | Conduct an IFR flight |
| NVR1 | Conduct a traffic pattern at night |
| NVR3 | Night VFR – multi-engine aircraft |
| IAP2 | Conduct an instrument approach 2D |

Appendix M.4 Single-engine helicopter instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| CIR | Conduct an IFR flight |
| NVR1 | Conduct a traffic pattern at night |
| NVR2 | Night VFR – single-engine aircraft |
| IAP2 | Conduct an instrument approach 2D |

Appendix M.5 Multi-engine helicopter instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| CIR | Conduct an IFR flight |
| NVR1 | Conduct a traffic pattern at night |
| NVR3 | Night VFR – multi-engine aircraft |
| IAP2 | Conduct an instrument approach 2D |

Appendix M.6 Powered-lift aircraft instrument endorsement – *Reserved*

Appendix M.7 Gyroplane instrument endorsement – *Reserved*

Appendix M.8 Airship instrument endorsement – *Reserved*

Appendix M.9 IAP 2D instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP2 | Conduct an instrument approach 2D |

Appendix M.10 IAP 3D instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP3 | Conduct an instrument approach 3D |

Section N Private instrument ratings and endorsements

Appendix N.1 Private instrument ratings (PIFR)

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| PIFR | Private IFR rating |
| GNSS | Basic GNSS and en route GNSS navigation principles |

Appendix N.2 Single-engine aeroplane private instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| PIF | Conduct a private IFR flight |

Appendix N.3 Multi-engine aeroplane private instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| PIF | Conduct a private IFR flight |

Appendix N.4 Single-engine helicopter private instrument endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| PIF | Conduct a private IFR flight |

Appendix N.5 Multi-engine helicopter private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| PIF | Conduct a private IFR flight |

Appendix N.6 Navigation – NDB private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.7 Navigation – VOR/LLZ private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.8 Navigation – GNSS private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.9 Departure – Single-engine aircraft private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.10 Departure – Multi-engine aeroplane private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.11 Departure – Multi-engine helicopter private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.12 Standard instrument departure private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.13 STAR private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.14 Approach – NDB private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP2 | Conduct an instrument approach 2D |

Appendix N.15 Approach – VOR/LLZ private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP2 | Conduct an instrument approach 2D |

Appendix N.16 Approach – DME or GNSS Arrival private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP2 | Conduct an instrument approach 2D |

Appendix N.17 Approach – RNP APCH 2D private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP2 | Conduct an instrument approach 2D |

Appendix N.18 Approach – RNP APCH 3D private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP3 | Conduct an instrument approach 3D |

Appendix N.19 Approach – ILS private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| IAP3 | Conduct an instrument approach 3D |

Appendix N.20 Approach and landing – multi-engine aeroplane private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR Flight |

Appendix N.21 Approach and landing – multi-engine helicopter private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------|
| PIF | Conduct a private IFR flight |

Appendix N.22 Night private instrument endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------------------|
| PIF | Conduct a private IFR flight |
| NVR1 | Conduct a traffic pattern at night |
| NVR2 | Night VFR — single-engine aircraft |
| NVR3 | Night VFR — multi-engine aircraft |

Section O Night VFR (NVFR) rating and endorsements

Appendix O.1 NVFR rating

Aeronautical knowledge standards – *Reserved*

Appendix O.2 Single-engine aeroplane NVFR endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| NVR1 | Conduct a traffic pattern at night |
| NVR2 | Night VFR — single-engine aircraft |

Appendix O.3 Multi-engine aeroplane NVFR endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| NVR1 | Conduct a traffic pattern at night |
| NVR3 | Night VFR — multi-engine aircraft |

Appendix O.4 Helicopter NVFR endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| NVR1 | Conduct a traffic pattern at night |
| NVR2 | Night VFR – single-engine aircraft |

Appendix O.5 Powered-lift aircraft NVFR endorsement – *Reserved*

Appendix O.6 Gyroplane NVFR endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|-------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| IFF | Full instrument panel manoeuvres |
| IFL | Limited instrument panel manoeuvres |
| NVR1 | Conduct a traffic pattern at night |
| NVR2 | Night VFR — single-engine aircraft |

Appendix O.7 Airship NVFR endorsement – *Reserved*

Section P Night vision imaging system (NVIS) rating and endorsements**Appendix P.1 NVIS rating****Aeronautical knowledge standards**

| Unit code | Unit of knowledge |
|-----------|-------------------|
| NVIS | NVIS rating |

Appendix P.2 Grade 1 NVIS endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NVI | NVIS operation |

Appendix P.3 Grade 2 NVIS endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NVI | NVIS operation |

Section Q Low-level rating and endorsements

Appendix Q.0 Low-level rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|-------------------|
| LLLR | Low-level rating |

Appendix Q.1 Aeroplane low-level endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-A | Aeroplane low-level operations |

Appendix Q.2 Helicopter low-level endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-H | Helicopter low-level operations |

Appendix Q.3 Powered-lift aircraft low-level endorsement – *Reserved*

Appendix Q.4 Gyroplane low-level endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-G | Gyroplane low-level operations |

Appendix Q.5 Aerial mustering – aeroplane endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-A | Aeroplane low-level operations |
| LL-M | Aerial mustering operations |

Appendix Q.6 Aerial mustering – helicopter endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-H | Helicopter low-level operations |
| LL-M | Aerial mustering operations |

Appendix Q.7 Aerial mustering – gyroplane endorsement – *Reserved***Appendix Q.8 Sling operations endorsement****Practical flight standards**

| Unit code | Unit of competency |
|-----------|---------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-H | Helicopter low-level operations |
| LL-SO | Sling operations |

Appendix Q.9 Winch and rappelling operations endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-H | Helicopter low-level operations |
| LL-WR | Winch and rappelling operations |

Section R Aerial application rating and endorsements

Appendix R.0 Aerial application rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---------------------------|
| AAGR | Aerial application rating |

Appendix R.1 Aeroplane aerial application endorsement

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---------------------------------------|
| AAGA | Aerial application rating — aeroplane |

Practical flight standards

| Unit code | Unit of competency |
|-----------|--|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-A | Aeroplane low-level operations |
| AA1 | Aeroplane aerial application operation |

Appendix R.2 Helicopter aerial application endorsement

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|--|
| AAGH | Aerial application rating — helicopter |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-H | Helicopter low-level operations |
| AA2 | Helicopter aerial application operation |

Appendix R.3 Gyroplane aerial application endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|--|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| AA3 | Gyroplane aerial application operation |

Appendix R.4 Aeroplane firefighting endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|----------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-A | Aeroplane low-level operations |
| AA4 | Aeroplane firefighting operation |

Appendix R.5 Helicopter firefighting endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|-----------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| LL-H | Helicopter low-level operations |
| AA5 | Helicopter firefighting operation |

Appendix R.6 Night aeroplane aerial application endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NVR2 | Night VFR – single-engine aircraft |
| AA6 | Night aerial application operation |

Appendix R.7 Night helicopter aerial application endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NVR2 | Night VFR – single-engine aircraft |
| AA6 | Night aerial application operation |

Appendix R.8 Night gyroplane aerial application endorsement**Practical flight standards**

| Unit code | Unit of competency |
|------------------|------------------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| NVR2 | Night VFR — single-engine aircraft |
| AA6 | Night aerial application operation |

Section S Flight activity endorsements

Appendix S.1 Aerobatics flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------|
| FAE-2 | Aerobatics — 3,000 ft AGL |
| FAE-8 | Spinning |

Appendix S.2 Aerobatics (1,500) flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------|
| FAE-2 | Aerobatics — 3,000 ft AGL |
| FAE-3 | Aerobatics — 1,500 ft AGL |
| FAE-8 | Spinning |

Appendix S.3 Aerobatics (1,000) flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------|
| FAE-2 | Aerobatics — 3,000 ft AGL |
| FAE-3 | Aerobatics — 1,500 ft AGL |
| FAE-4 | Aerobatics — 500 ft AGL |
| FAE-8 | Spinning |

Appendix S.4 Aerobatics (500) flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---------------------------|
| FAE-2 | Aerobatics — 3,000 ft AGL |
| FAE-3 | Aerobatics — 1,500 ft AGL |
| FAE-4 | Aerobatics — 500 ft AGL |
| FAE-8 | Spinning |

Appendix S.5 Aerobatics (unlimited) flight activity endorsement

Practical flight standards

| | |
|-------|---------------------------|
| FAE-2 | Aerobatics — 3,000 ft AGL |
| FAE-3 | Aerobatics — 1,500 ft AGL |
| FAE-4 | Aerobatics — 500 ft AGL |
| FAE-5 | Aerobatics – Unlimited |

| | |
|--------|----------|
| F AE-8 | Spinning |
|--------|----------|

Appendix S.6 Formation flying (aeroplane) flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|------------------|----------------------------|
| F AE-6 | Formation flying aeroplane |

Appendix S.7 Formation aerobatics flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|------------------|----------------------------|
| F AE-2 | Aerobatics — 3,000 ft AGL |
| F AE-6 | Formation flying aeroplane |
| F AE-7 | Aerobatics (formation) |
| F AE-8 | Spinning |

Appendix S.8 Spinning flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|------------------|---------------------------|
| F AE-8 | Spinning |

Appendix S.9 Formation flying (helicopter) flight activity endorsement

Practical flight standards

| Unit code | Unit of competency |
|------------------|-----------------------------|
| F AE-9 | Formation flying helicopter |

Section T Pilot instructor rating and endorsements

Flight instructor rating

Appendix T.01 Flight instructor ratings

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|----------------------------|
| FIRC | Instructor rating — common |

Simulator instructor rating

Appendix T.02 Simulator instructor rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|----------------------------|
| FIRC | Instructor rating — common |

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| SIR | Conduct training in a synthetic training device |
| FIR7 | Conduct flight review |

Training endorsements

Appendix T.1 Grade 1 training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.2 Grade 2 training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct a flight review |

Appendix T.3 Grade 3 training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.3A Grade 3 training endorsement (aeroplane)

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.4 Multi-crew pilot training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR9 | Multi-crew training endorsement |

Appendix T.5 Type rating training endorsement (type specific)**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR9 | Multi-crew training endorsement |

Appendix T.6 Multi-engine aeroplane training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.7 Design feature endorsement training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.8 Instrument rating training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.9 Night VFR rating training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.10 NVIS rating training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.11 Low-level rating training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.12 Aerial application rating (day) training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.13 Aerial application rating (night) training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.14 Instructor rating training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.15 Multi-engine aeroplane class rating instructor training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.16 Sling operations training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.17 Winch and rappelling operations training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FIR7 | Conduct flight review |

Appendix T.18 Spinning training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.19 Aerobatics training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.20 Formation (aeroplane) training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.21 Formation (helicopter) training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.22 Formation aerobatics training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Appendix T.23 Glider towing training endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

Section U Flight examiner rating and endorsements

Appendix U.0 Flight Examiner Rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---------------------------------|
| FERC | Flight examiner rating – common |

Appendix U.1 Private pilot licence flight test endorsement (category-specific)

Practical flight standards

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.2 Commercial pilot licence flight test endorsement (category-specific)

Practical flight standards

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.3 Air transport pilot flight test endorsement (category-specific)

Practical flight standards

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.4 Multi-engine aeroplane class rating flight test endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.5 Type rating flight test endorsement (type-specific)**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.6 Instrument rating flight test endorsement (category-specific)**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.7 Night VFR rating flight test endorsement (category-specific)**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.8 NVIS flight test endorsement**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.9 Low-level rating flight test endorsement (category-specific)**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

**Appendix U.10 Aerial application rating flight test endorsement
(category-specific)****Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.11 Flight instructor rating flight test endorsement (category-specific)**Practical flight standards**

| Unit code | Unit of competency |
|-----------|------------------------|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FER | Conduct a flight test |

Appendix U.12 English language assessment endorsement — Reserved

Section V Flight engineer licence, ratings and endorsements**Appendix V.1 Flight engineer licence****Aeronautical knowledge standards**

| Unit code | Unit of competency |
|------------------|---|
| FFRC | FE Flight rules and air law — all aircraft categories |
| FAGC | FE Aircraft general knowledge — all aircraft categories |
| AHFC | ATPL Human factors |
| RARO | RPL Aeronautical radio operator |
| CAKA | CPL Aeronautical knowledge — aeroplane |
| CMTC | CPL Meteorology — all aircraft categories |

Practical flight standards

| Unit code | Unit of competency |
|------------------|---|
| AEL | Aviation English language proficiency |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| C2 | Perform pre- and post-flight actions and procedures |
| C3 | Operate aeronautical radio |

Section W Flight engineer type rating**Appendix V.2 Flight engineer type rating****Aeronautical knowledge standards**

| Unit code | Unit of competency |
|------------------|---------------------------|
| TYP A | Type rating |

Practical flight standards

| Unit code | Unit of competency |
|------------------|--|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FTM | Flight engineer type rating — all categories |

Section X Flight engineer instructor rating

Appendix X.0 Flight engineer instructor rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|----------------------------|
| FIRC | Instructor rating — common |

Appendix X.1 Flight engineer type rating training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| SIR | Conduct training in a synthetic training device |

Appendix X.2 Flight engineer instructor rating training endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| SIR | Conduct training in a synthetic training device |

Section Y Flight engineer examiner rating and endorsements

Appendix Y.0 Flight engineer examiner rating

Aeronautical knowledge standards

| Unit code | Unit of knowledge |
|-----------|---------------------------------|
| FERC | Flight examiner rating — common |

Appendix Y.1 Flight engineer type rating flight test endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FER | Conduct a flight test |
| SIR | Conduct training in a synthetic training device |

Appendix Y.2 Flight engineer instructor rating flight test endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |
| FER | Conduct a flight test |
| SIR | Conduct training in a synthetic training device |

Appendix Y.3 Flight engineer examiner rating flight test endorsement

Practical flight standards

| Unit code | Unit of competency |
|-----------|---|
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| FIR1 | Conduct aeronautical knowledge training |
| FIR2 | Assess competence |
| FIR3 | Conduct flight training |

| Unit code | Unit of competency |
|-----------|---|
| FER | Conduct a flight test |
| SIR | Conduct training in a synthetic training device |

Appendix Y.4 English language assessment endorsement — *Reserved*

Section Z Glider pilot licence**Appendix Z.1 Glider pilot licence****Practical flight standards**

| Unit code | Unit of competency |
|------------------|---|
| G1 | Control glider on the ground |
| G2 | Take-off glider |
| G3 | Control glider in normal flight |
| G4 | Land glider |
| G5 | Glider advanced manoeuvres |
| G6 | Manage abnormal situations and emergencies — gliders |
| G7 | Navigation — gliders |
| NTS1 | Non-technical skills 1 |
| NTS2 | Non-technical skills 2 |
| PPF-G | Perform pre- and post-flight actions and procedures — gliders |