

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
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
CTR	Operate at a controlled aerodrome
CTA	Operate in controlled airspace

Appendix H.2 Helicopter category rating (PPL) — Integrated training

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
CTR	Operate at a controlled aerodrome
CTA	Operate in controlled airspace

Appendix H.2A Helicopter category rating (PPL) — Non-integrated training

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

Unit code	Unit of competency
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
RNE	Radio navigation – en route
ONTA	Operate at non-towered aerodrome
OGA	Operate in Class G airspace
CTR	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
CTR	Operate at a controlled aerodrome
CTA	Operate in controlled airspace

Appendix I.2 Helicopter category rating (CPL) — Integrated training

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
CTR	Operate at a controlled aerodrome
CTA	Operate in controlled airspace

Appendix I.2A Helicopter category rating (CPL) — Non-integrated training

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
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

Unit code	Unit of competency
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
RNE	Radio navigation – en route
ONTA	Operate at non-towered aerodrome
OGA	Operate in Class G airspace
CTR	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
IREX	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

Unit code	Unit of knowledge
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
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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
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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
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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

Unit code	Unit of competency
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

Unit code	Unit of competency
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

Unit code	Unit of competency
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

Unit code	Unit of competency
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