

## 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.

### Table of Contents

<b>Index to Competency Unit Codes</b> .....	<b>18</b>
<b>Section B General</b> .....	<b>20</b>
Appendix B.1 General English language proficiency .....	20
Appendix B.2 Aviation English language proficiency .....	20
Appendix B.3 Multi-crew cooperation (MCC).....	20
Appendix B.4 Airborne Collision Avoidance System (ACAS).....	20
Appendix B.5 Aeronautical radio operator (CASR Part 64) .....	20
<b>Section G Recreational pilot licence (RPL)</b> .....	<b>22</b>
Appendix G.1 Aeroplane category rating (RPL) .....	22
Appendix G.2 Helicopter category rating (RPL).....	22
Appendix G.3 Gyroplane category rating (RPL)– <i>Reserved</i> .....	23
Appendix G.4 Airship category rating (RPL)– <i>Reserved</i> .....	23
Appendix G.5 Controlled aerodrome endorsement.....	23
Appendix G.6 Controlled airspace endorsement .....	23
Appendix G.7 Flight radio endorsement.....	23
Appendix G.8 Recreational navigation endorsement .....	24
<b>Section H Private pilot licence (PPL)</b> .....	<b>25</b>
Appendix H.1 Aeroplane category rating (PPL).....	25
Appendix H.2 Helicopter category rating (PPL)— Integrated training.....	26
Appendix H.2A Helicopter category rating (PPL)— Non-integrated training.....	27
Appendix H.3 Powered-lift category rating (PPL)– <i>Reserved</i> .....	28
Appendix H.4 Gyroplane category rating (PPL)– <i>Reserved</i> .....	28
Appendix H.5 Airship category rating (PPL)– <i>Reserved</i> .....	28
<b>Section I Commercial pilot licence (CPL)</b> .....	<b>29</b>
Appendix I.1 Aeroplane category rating (CPL) .....	29
Appendix I.2 Helicopter category rating (CPL)— Integrated training.....	30
Appendix I.2A Helicopter category rating (CPL)— Non-integrated training .....	32
Appendix I.3 Powered-lift category rating (CPL)– <i>Reserved</i> .....	33
Appendix I.4 Gyroplane category rating (CPL)– <i>Reserved</i> .....	33
Appendix I.5 Airship category rating (CPL)– <i>Reserved</i> .....	33
<b>Section J Multi crew Pilot Licence (MPL)</b> .....	<b>34</b>
Appendix J.1 Aeroplane category rating (MPL).....	34
<b>Section K Air transport pilot licence (ATPL)</b> .....	<b>36</b>
Appendix K.1 Aeroplane category rating (ATPL).....	36
Appendix K.2 Helicopter category rating (ATPL).....	36
Appendix K.3 Powered-lift category rating (ATPL)– <i>Reserved</i> .....	37
<b>Section L Aircraft ratings and endorsements</b> .....	<b>38</b>
Appendix L.1 Single-engine aeroplane class rating .....	38
Appendix L.2 Single-engine helicopter class rating .....	38
Appendix L.3 Single-engine gyroplane class rating .....	38
Appendix L.4 Multi-engine aeroplane class rating .....	39
Appendix L.5 Tailwheel undercarriage endorsement .....	39

Appendix L.6	Retractable undercarriage endorsement.....	39
Appendix L.7	Manual propeller pitch control endorsement.....	39
Appendix L.8	Gas turbine engine endorsement.....	39
Appendix L.9	Multi-engine Centreline thrust endorsement.....	40
Appendix L.10	Pressurisation system endorsement.....	40
Appendix L.11	Floating hull endorsement.....	40
Appendix L.12	Floatplane endorsement.....	40
Appendix L.13	Float alighting gear endorsement.....	40
Appendix L.14	Single-engine aeroplane type rating.....	40
Appendix L.15	Single-engine helicopter type rating.....	41
Appendix L.16	Multi-engine aeroplane type rating.....	41
Appendix L.17	Multi-engine helicopter type rating.....	41
Appendix L.18	Cruise relief aeroplane type rating.....	41
<b>Section M</b>	<b>Instrument rating and endorsements .....</b>	<b>43</b>
Appendix M.1	Instrument rating .....	43
Appendix M.2	Single-engine aeroplane instrument endorsement .....	43
Appendix M.3	Multi-engine aeroplane instrument endorsement .....	43
Appendix M.4	Single-engine helicopter instrument endorsement .....	43
Appendix M.5	Multi-engine helicopter instrument endorsement.....	44
Appendix M.6	Powered-lift aircraft instrument endorsement – <i>Reserved</i> .....	44
Appendix M.7	Gyroplane instrument endorsement – <i>Reserved</i> .....	44
Appendix M.8	Airship instrument endorsement – <i>Reserved</i> .....	44
Appendix M.9	IAP 2D instrument endorsement.....	44
Appendix M.10	IAP 3D instrument endorsement.....	44
<b>Section N</b>	<b>Private instrument ratings and endorsements .....</b>	<b>45</b>
Appendix N.1	Private instrument ratings (PIFR).....	45
Appendix N.2	Single-engine aeroplane private instrument endorsement.....	45
Appendix N.3	Multi-engine aeroplane private instrument endorsement.....	45
Appendix N.4	Single-engine helicopter private instrument endorsement.....	45
Appendix N.5	Multi-engine helicopter private instrument endorsement.....	45
Appendix N.6	Navigation – NDB private instrument endorsement.....	46
Appendix N.7	Navigation – VOR/LLZ private instrument endorsement.....	46
Appendix N.8	Navigation – GNSS private instrument endorsement .....	46
Appendix N.9	Departure – Single-engine aircraft private instrument endorsement.....	46
Appendix N.10	Departure – Multi-engine aeroplane private instrument endorsement.....	46
Appendix N.11	Departure – Multi-engine helicopter private instrument endorsement.....	46
Appendix N.12	Standard instrument departure private instrument endorsement.....	47
Appendix N.13	STAR private instrument endorsement .....	47
Appendix N.14	Approach – NDB private instrument endorsement .....	47
Appendix N.15	Approach – VOR/LLZ private instrument endorsement.....	47
Appendix N.16	Approach – DME or GNSS Arrival private instrument endorsement.....	47
Appendix N.17	Approach – RNP APCH 2D private instrument endorsement .....	47
Appendix N.18	Approach – RNP APCH 3D private instrument endorsement .....	47
Appendix N.19	Approach – ILS private instrument endorsement .....	48
Appendix N.20	Approach and landing – multi-engine aeroplane private instrument endorsement.....	48
Appendix N.21	Approach and landing – multi-engine helicopter private instrument endorsement.....	48
Appendix N.22	Night private instrument endorsement.....	48
<b>Section O</b>	<b>Night VFR (NVFR) rating and endorsements .....</b>	<b>49</b>
Appendix O.1	NVFR rating.....	49
Appendix O.2	Single-engine aeroplane NVFR endorsement.....	49

Appendix O.3	Multi-engine aeroplane NVFR endorsement.....	49
Appendix O.4	Helicopter NVFR endorsement.....	49
Appendix O.5	Powered-lift aircraft NVFR endorsement – <i>Reserved</i> .....	49
Appendix O.6	Gyroplane NVFR endorsement.....	50
Appendix O.7	Airship NVFR endorsement – <i>Reserved</i> .....	50
<b>Section P</b>	<b>Night vision imaging system (NVIS) rating and endorsements .....</b>	<b>51</b>
Appendix P.1	NVIS rating.....	51
Appendix P.2	Grade 1 NVIS endorsement.....	51
Appendix P.3	Grade 2 NVIS endorsement.....	51
<b>Section Q</b>	<b>Low-level rating and endorsements .....</b>	<b>52</b>
Appendix Q.0	Low-level rating.....	52
Appendix Q.1	Aeroplane low-level endorsement.....	52
Appendix Q.2	Helicopter low-level endorsement.....	52
Appendix Q.3	Powered-lift aircraft low-level endorsement – <i>Reserved</i> .....	52
Appendix Q.4	Gyroplane low-level endorsement.....	52
Appendix Q.5	Aerial mustering – aeroplane endorsement.....	52
Appendix Q.6	Aerial mustering – helicopter endorsement.....	53
Appendix Q.7	Aerial mustering – gyroplane endorsement – <i>Reserved</i> .....	53
Appendix Q.8	Sling operations endorsement.....	53
Appendix Q.9	Winch and rappelling operations endorsement.....	53
<b>Section R</b>	<b>Aerial application rating and endorsements.....</b>	<b>54</b>
Appendix R.0	Aerial application rating.....	54
Appendix R.1	Aeroplane aerial application endorsement.....	54
Appendix R.2	Helicopter aerial application endorsement.....	54
Appendix R.3	Gyroplane aerial application endorsement.....	54
Appendix R.4	Aeroplane firefighting endorsement.....	55
Appendix R.5	Helicopter firefighting endorsement.....	55
Appendix R.6	Night aeroplane aerial application endorsement.....	55
Appendix R.7	Night helicopter aerial application endorsement.....	55
Appendix R.8	Night gyroplane aerial application endorsement.....	56
<b>Section S</b>	<b>Flight activity endorsements.....</b>	<b>57</b>
Appendix S.1	Aerobatics flight activity endorsement.....	57
Appendix S.2	Aerobatics (1,500) flight activity endorsement.....	57
Appendix S.3	Aerobatics (1,000) flight activity endorsement.....	57
Appendix S.4	Aerobatics (500) flight activity endorsement.....	57
Appendix S.5	Aerobatics (unlimited) flight activity endorsement.....	57
Appendix S.6	Formation flying (aeroplane) flight activity endorsement.....	58
Appendix S.7	Formation aerobatics flight activity endorsement.....	58
Appendix S.8	Spinning flight activity endorsement.....	58
Appendix S.9	Formation flying (helicopter) flight activity endorsement.....	58
<b>Section T</b>	<b>Pilot instructor rating and endorsements.....</b>	<b>59</b>
Appendix T.01	Flight instructor ratings.....	59
Appendix T.02	Simulator instructor rating.....	59
Appendix T.1	Grade 1 training endorsement.....	59
Appendix T.2	Grade 2 training endorsement.....	59
Appendix T.3	Grade 3 training endorsement.....	60
Appendix T.3A	Grade 3 training endorsement (aeroplane).....	60
Appendix T.4	Multi-crew pilot training endorsement.....	60
Appendix T.5	Type rating training endorsement (type specific).....	60

Appendix T.6	Multi-engine aeroplane training endorsement.....	61
Appendix T.7	Design feature endorsement training endorsement.....	61
Appendix T.8	Instrument rating training endorsement.....	61
Appendix T.9	Night VFR rating training endorsement.....	61
Appendix T.10	NVIS rating training endorsement.....	62
Appendix T.11	Low-level rating training endorsement.....	62
Appendix T.12	Aerial application rating (day) training endorsement .....	62
Appendix T.13	Aerial application rating (night) training endorsement .....	63
Appendix T.14	Instructor rating training endorsement.....	63
Appendix T.15	Multi-engine aeroplane class rating instructor training endorsement.....	63
Appendix T.16	Slings operations training endorsement.....	63
Appendix T.17	Winch and rappelling operations training endorsement .....	64
Appendix T.18	Spinning training endorsement.....	64
Appendix T.19	Aerobatics training endorsement.....	64
Appendix T.20	Formation (aeroplane) training endorsement.....	64
Appendix T.21	Formation (helicopter) training endorsement.....	65
Appendix T.22	Formation aerobatics training endorsement.....	65
Appendix T.23	Glider towing training endorsement.....	65
<b>Section U</b>	<b>Flight examiner rating and endorsements .....</b>	<b>66</b>
Appendix U.0	Flight Examiner Rating.....	66
Appendix U.1	Private pilot licence flight test endorsement (category-specific).....	66
Appendix U.2	Commercial pilot licence flight test endorsement (category-specific) .....	66
Appendix U.3	Air transport pilot flight test endorsement (category-specific).....	66
Appendix U.4	Multi-engine aeroplane class rating flight test endorsement .....	66
Appendix U.5	Type rating flight test endorsement (type-specific).....	67
Appendix U.6	Instrument rating flight test endorsement (category-specific).....	67
Appendix U.7	Night VFR rating flight test endorsement (category-specific).....	67
Appendix U.8	NVIS flight test endorsement.....	67
Appendix U.9	Low-level rating flight test endorsement (category-specific).....	67
Appendix U.10	Aerial application rating flight test endorsement (category-specific).....	68
Appendix U.11	Flight instructor rating flight test endorsement (category-specific).....	68
Appendix U.12	English language assessment endorsement — Reserved.....	69
<b>Section V</b>	<b>Flight engineer licence, ratings and endorsements .....</b>	<b>70</b>
Appendix V.1	Flight engineer licence.....	70
<b>Section W</b>	<b>Flight engineer type rating .....</b>	<b>71</b>
Appendix V.2	Flight engineer type rating .....	71
<b>Section X</b>	<b>Flight engineer instructor rating .....</b>	<b>72</b>
Appendix X.0	Flight engineer instructor rating .....	72
Appendix X.1	Flight engineer type rating training endorsement.....	72
Appendix X.2	Flight engineer instructor rating training endorsement.....	72
<b>Section Y</b>	<b>Flight engineer examiner rating and endorsements .....</b>	<b>73</b>
Appendix Y.0	Flight engineer examiner rating .....	73
Appendix Y.1	Flight engineer type rating flight test endorsement .....	73
Appendix Y.2	Flight engineer instructor rating flight test endorsement .....	73
Appendix Y.3	Flight engineer examiner rating flight test endorsement.....	73
Appendix Y.4	English language assessment endorsement — <i>Reserved</i> .....	75
<b>Section Z</b>	<b>Glider pilot licence .....</b>	<b>76</b>
Appendix Z.1	Glider pilot licence.....	76

## Index to Competency Unit Codes

A1	22, 25, 30, 38, 39	CMTC	29, 31, 32, 34, 70
A2	22, 25, 30, 38, 39	CNVC	29, 31, 32, 34
A3	22, 25, 30, 38, 39	COPA	29, 34
A4	22, 25, 30, 38, 39	COPC	29, 31, 32, 34
A5	22, 25, 30, 38, 39	COPH	31, 32
A6	22, 25, 30, 38	CRT	42
AA1	54	CTA	23, 26, 27, 28, 30, 31, 33
AA2	54	CTR	23
AA3	54	DFE1	39
AA4	55	DFE2	39
AA5	55	DFE3	39
AA6	55, 56	DFE4	39
AAGA	34, 36, 54	DFE5	40
AAGC	34, 36	DFE6	40
AAGH	37, 54	DFE7	40
AAGR	54	DFE8	40
ACAS	20	DFE9	40
AEL	20, 70	FAE-2	57, 58
AFPA	35, 36	FAE-3	57
AFPC	35, 36, 37	FAE-4	57
AFPH	37	FAE-5	57
AFRA	34, 36	FAE-6	58
AFRC	34, 36, 37	FAE-7	58
AFRH	37	FAE-8	57, 58
AHFC	20, 34, 36, 37, 70	FAE-9	58
AME	39, 41	FAGC	70
AMTA	35	FER	66, 67, 68, 73, 74
AMTC	35, 36, 37	FERC	66, 73
ANVA	34	FFRC	70
ANVC	34, 36, 37	FIR1	59, 60, 61, 62, 63, 64, 65, 72, 73
APLA	35, 36	FIR2	59, 60, 61, 62, 63, 64, 65, 72, 73
APLC	35, 36, 37	FIR3	59, 60, 61, 62, 63, 64, 65, 72, 73
APLH	37	FIR7	59, 60, 61, 62, 63, 64
BAKC	22, 25, 26, 27, 29, 30, 32, 34	FIR9	60, 61
C1	22, 23, 24, 25, 26, 27, 29, 31, 32, 35	FIRC	59, 72
C2	22, 23, 25, 26, 27, 29, 31, 32, 35, 38, 39, 70	FTM	71
C3	21, 24, 25, 26, 27, 29, 31, 32, 35, 36, 37, 70	G1	76
C4	22, 23, 25, 26, 27, 29, 31, 32, 38	G2	76
C5	22, 23, 25, 26, 27, 29, 31, 32, 35	G3	76
CADA	29, 34	G4	76
CADC	29, 30, 32, 34	G5	76
CADH	31, 32	G6	76
CAKA	29, 34, 70	G7	76
CAKC	29, 30, 32, 34	GEL	20
CAKH	31, 32	GNSS	43, 45
CAS	20	GSE	38
CFRA	29, 34	H1	23, 26, 28, 31, 33, 38
CFRC	29, 30, 32, 34	H2	23, 26, 28, 31, 33, 38
CFRH	31, 32	H3	23, 26, 28, 31, 33, 38
CHFC	29, 31, 32, 34	H4	23, 26, 28, 31, 33, 38
CIR	35, 36, 43, 44	H5	23, 27, 28, 31, 33, 38
		H6	23, 27, 28, 31, 33, 38
		H7	23, 27, 28, 31, 33, 38
		HME	37

HSE	37	NVR3	43, 44, 48, 49
IAP2	35, 36, 43, 44, 47	OCA	30, 31, 33
IAP3	35, 36, 44, 47, 48	OGA	24, 26, 27, 28, 30, 31, 33
IFF	22, 25, 27, 30, 31, 35, 36, 37, 39, 43, 44, 45, 46, 49, 50	ONTA	24, 26, 27, 28, 30, 31, 33
IFL	30, 31, 35, 36, 37, 43, 44, 45, 46, 49, 50	PAC	36, 37
IREX	35, 36, 43	PAKA	25, 29, 34
LL-A	52, 54	PAKC	25, 26, 27, 29, 30, 32, 34
LL-G	52	PAKH	26, 27, 30, 32
LL-H	52, 53, 54, 55	PFRA	25, 29, 34
LLLR	52	PFRC	25, 26, 27, 29, 30, 32, 34
LLM	53	PFRH	26, 27, 30, 32
LL-M	52	PHFC	22, 25, 26, 27, 29, 30, 32, 34
LL-SO	53	PIF	45, 46, 47, 48
LL-WR	53	PIFR	45
MCO	20, 35, 36, 37	PMTC	25, 26, 27, 29, 30, 32, 34
NAV	24, 25, 26, 28, 30, 31, 33, 35, 37	PNVC	25, 26, 27, 29, 30, 32, 34
NTS1	22, 23, 25, 26, 27, 30, 31, 32, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 50, 51, 52, 53, 54, 55, 56, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 76	POPA	25, 29, 34
NTS2	22, 23, 25, 26, 27, 30, 31, 32, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 50, 51, 52, 53, 54, 55, 56, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 76	POPC	25, 26, 27, 29, 30, 32, 34
NVI	51	POPH	26, 27, 30, 32
NVIS	51	PPF	36, 37
NVR1	43, 44, 48, 49, 50	PPF-G	76
NVR2	43, 44, 48, 49, 50, 55, 56	RARO	20, 23, 70
		RBKA	22, 25, 29, 34
		RBKH	22, 26, 27, 30, 32
		RFRC	22, 25, 26, 27, 29, 30, 32, 34
		RMTC	22, 25, 29, 34
		RNE	25, 27, 28, 30, 31, 33, 35, 36, 37
		SIR	59, 72, 73, 74
		TR-MEA	35, 36, 41
		TR-MEH	41
		TR-SEA	40
		TR-SEH	41
		TYPA	40, 41
		TYPH	41

**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

---

<b>Unit code</b>	<b>Unit of competency</b>
C3	Operate aeronautical radio

## **Appendix G.8 Recreational navigation endorsement**

### **Practical flight standards**

<b>Unit code</b>	<b>Unit of competency</b>
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

<b>Unit code</b>	<b>Unit of competency</b>
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



<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of knowledge</b>
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

<b>Unit code</b>	<b>Unit of knowledge</b>
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

<b>Unit code</b>	<b>Unit of competency</b>
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

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of knowledge</b>
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

<b>Unit code</b>	<b>Unit of knowledge</b>
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

<b>Unit code</b>	<b>Unit of competency</b>
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

<b>Unit code</b>	<b>Unit of knowledge</b>
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**

<b>Unit code</b>	<b>Unit of competency</b>
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

Unit code	Unit of competency
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**

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of knowledge</b>
NVIS	NVIS rating

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

<b>Unit code</b>	<b>Unit of competency</b>
NTS1	Non-technical skills 1
NTS2	Non-technical skills 2
NVI	NVIS operation

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

<b>Unit code</b>	<b>Unit of competency</b>
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

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**

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of competency</b>
TYP A	Type rating

**Practical flight standards**

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of knowledge</b>
FIRC	Instructor rating — common

**Appendix X.1 Flight engineer type rating training endorsement****Practical flight standards**

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of competency</b>
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

---

<b>Unit code</b>	<b>Unit of competency</b>
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**

<b>Unit code</b>	<b>Unit of competency</b>
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