



ETCAL Level 3 NVQ Diploma in Aeronautical Engineering
600/1706/5
Structure

Qualification Aim

This qualification is designed to support those learners training in Aeronautical Engineering, however, it is also available for individuals who are not following an apprenticeship. It provides a structured individualised route with knowledge and skills for those who wish to achieve a qualification in Aeronautical Engineering.

Qualification Introduction

This qualification is made up of 4 mandatory units that will help learners to develop an understanding of the knowledge and skills required as relevant to their capabilities and aspirations. Its mandatory units form a foundation to extend the understanding and skills in specific areas through the optional routes, in addition to these learners are required to achieve additional units selected from a suite of 14 Pathways and in accordance with the achievement definition. Learners who complete the qualification will be equipped with the knowledge and skills to underpin career development within the industry.

Assessment

The assessment criteria determine the standard required to achieve each unit and allow for a variety of assessment methods to be used as appropriate to the environment the qualification is delivered in. There is no examined assessment element in this qualification.

Achievement

Learners must achieve a minimum of 138 credits, by completing the 4 mandatory units and the relevant completion of set units from 14 Pathways.

Qualification Number		600/1706/5
Qualification Framework		RQF
Title		ETCAL Level 3 NVQ Diploma in Aeronautical Engineering
Qualification Level		Level 3
Total Qualification Time		1260 TQT
Guided Learning Hours		318 GLH
Qualification Credit Value		138 Credits
Qualification Grading Structure		Pass / Fail

Unit Title	Mandatory/Optional	GLH	TQT	Credit Value	Grading
Mandatory Group – all units must be completed					
Complying with Statutory Regulations and Organisational Safety Requirements	M	35		5	Pass/Fail
Using and Interpreting Engineering Data and Documentation	M	25		5	Pass/Fail
Working Efficiently and Effectively in Engineering	M	25		5	Pass/Fail
Reinstating the Work Area on Completion of Activities	M	25		5	Pass/Fail
Aircraft Manufacture Mechanical - Must complete four units from the following:					
Marking Out Composite and/or Metallic Aircraft Components	O	52		28	Pass/Fail
Cutting and Shaping Aircraft Components	O	126		48	Pass/Fail
Bending and Forming Aircraft Components	O	126		48	Pass/Fail

Installing Aircraft Mechanical Fasteners into Composite and/or Metallic Components	0	98		42	Pass/Fail
Producing Aircraft Detail Assemblies	0	140		71	Pass/Fail
Producing Composite and/or Metallic Aircraft Sub-assemblies	0	140		71	Pass/Fail
Producing Composite and/or Metallic Aircraft Major Assemblies	0	140		70	Pass/Fail
Installing Aircraft Mechanical Controls	0	210		86	Pass/Fail
Repairing Airframes and Structures	0	133		62	Pass/Fail
Modifying Airframes	0	126		60	Pass/Fail
Modifying Aircraft Mechanical Systems	0	161		77	Pass/Fail
Carrying Out Routine Servicing of Aircraft Machines	0	105		42	Pass/Fail
Moulding Acrylic Aircraft Components	0	105		50	Pass/Fail
Producing Aircraft Composite Assemblies	0	210		86	Pass/Fail
Vacuum Forming Aircraft Components	0	105		50	Pass/Fail
Producing Aircraft Components by Plastic Injection Moulding	0	105		62	Pass/Fail
Assembling Aircraft Transparencies	0	91		40	Pass/Fail
Drilling and Finishing Holes in Composite and/or Metallic Aircraft Structures or Components	0	98		40	Pass/Fail
Installing Aircraft Hydraulic Systems	0	210		86	Pass/Fail
Installing Aircraft Pneumatic Systems	0	210		86	Pass/Fail
Installing Aircraft De-Icing Systems	0	210		86	Pass/Fail
Installing Aircraft Fuel Systems	0	210		86	Pass/Fail
Installing Aircraft Environmental Systems	0	210		86	Pass/Fail
Installing Flying Control Surfaces and Systems	0	210		86	Pass/Fail
Installing Aircraft Armament Systems	0	210		86	Pass/Fail
Installing Aircraft Assisted Escape Mechanisms	0	140		70	Pass/Fail
Installing Aircraft Main Engines	0	259		95	Pass/Fail
Installing Aircraft Auxiliary Engines	0	210		89	Pass/Fail
Installing Aircraft Power Transmission Systems	0	210		89	Pass/Fail
Testing Installed Aircraft Engines	0	126		55	Pass/Fail
Testing Aircraft Power Transmission Systems	0	126		55	Pass/Fail
Testing Aircraft Hydraulic Systems	0	126		55	Pass/Fail
Testing Aircraft Pneumatic Systems	0	126		55	Pass/Fail
Testing Aircraft Environmental Systems	0	126		55	Pass/Fail
Testing Aircraft De-Icing Systems	0	126		55	Pass/Fail
Testing Aircraft Fuel Systems	0	126		55	Pass/Fail
Testing Aircraft Flying Control Surfaces and Systems	0	126		55	Pass/Fail
Testing Aircraft Armament Systems	0	105		50	Pass/Fail
Testing Aircraft Assisted Escape Systems	0	105		50	Pass/Fail
Applying Finishes to Aircraft Composite Mouldings	0	126		46	Pass/Fail

Producing Aircraft Composite Mouldings using Pre-Preg Laminating Techniques	O	210		86	Pass/Fail
Producing Aircraft Composite Mouldings using Wet Lay-Up Techniques	O	210		86	Pass/Fail
Producing Aircraft Composite Mouldings using Resin Infusion Laminating Techniques	O	210		86	Pass/Fail
Trimming Aircraft Composite Mouldings using Hand Tools	O	105		46	Pass/Fail
Identifying Defects in Aircraft Composite Mouldings	O	52		30	Pass/Fail
Repairing Aircraft Composite Mouldings	O	161		77	Pass/Fail
Bonding Aircraft Composite Mouldings	O	52		30	Pass/Fail
Setting Plastic Injection Moulding Machines for the Production of Aircraft Components	O	140		70	Pass/Fail
Aircraft Manufacture Electrical - Must complete four units from the following:					
Installing Aircraft Cableforms/Looms	O	161		77	Pass/Fail
Installing Aircraft Instrument Panels and Meters	O	210		86	Pass/Fail
Installing Aircraft Visual Display Units and Computer Systems	O	210		86	Pass/Fail
Installing Aircraft Engine Control Units	O	161		77	Pass/Fail
Installing Aircraft Power Supplies	O	161		77	Pass/Fail
Installing Aircraft Communication Systems	O	210		86	Pass/Fail
Installing Aircraft Flight Guidance and Control Systems	O	210		86	Pass/Fail
Installing Aircraft Navigational Systems	O	210		86	Pass/Fail
Installing Aircraft Radar Systems	O	210		86	Pass/Fail
Installing Aircraft Countermeasure Systems	O	210		86	Pass/Fail
Installing Aircraft Electro-Optical and Infrared Systems	O	210		86	Pass/Fail
Installing Aircraft Instrumentation Systems	O	210		86	Pass/Fail
Modifying Aircraft Electrical Systems	O	161		77	Pass/Fail
Modifying Aircraft Avionics Systems	O	161		77	Pass/Fail
Testing Aircraft Cableforms/Looms	O	126		55	Pass/Fail
Testing Aircraft Visual Display Units and Computer Systems	O	126		55	Pass/Fail
Testing Aircraft Engine Control Units	O	126		55	Pass/Fail
Testing Aircraft Communication Systems	O	126		55	Pass/Fail
Testing Aircraft Flight Guidance and Control Systems	O	126		55	Pass/Fail
Testing Aircraft Navigational Systems	O	126		55	Pass/Fail
Testing Aircraft Radar Systems	O	126		55	Pass/Fail
Testing Aircraft Countermeasure Systems	O	126		55	Pass/Fail
Testing Aircraft Electro-Optical and Infrared Systems	O	126		55	Pass/Fail
Testing Aircraft Instrumentation Systems	O	126		55	Pass/Fail
Producing Aircraft Wiring Layouts and Routeings	O	77		35	Pass/Fail
Producing Aircraft Electrical Sub-Assemblies, Cableforms and Looms	O	210		86	Pass/Fail

Modifying Aircraft Cableforms and Looms	O	161		77	Pass/Fail
Aircraft Power Plant Assembly, Installation and Testing - Must complete two units from the following:					
Producing Aircraft Engine Compressor Assemblies	O	259		95	Pass/Fail
Producing Aircraft Engine Combustion Assemblies	O	315		126	Pass/Fail
Producing Aircraft Engine Turbine Assemblies	O	231		84	Pass/Fail
Producing Aircraft Engine Gearbox Assemblies	O	259		95	Pass/Fail
Producing Aircraft Piston Engine Assemblies	O	259		95	Pass/Fail
Producing Aircraft Engine Major Assemblies	O	350		147	Pass/Fail
Dressing Aircraft Engines	O	133		63	Pass/Fail
Installing Aircraft Main Engines	O	259		95	Pass/Fail
Testing Installed Aircraft Engines	O	126		55	Pass/Fail
Carrying Out Test Bed Runs on Aircraft Engines (Uninstalled)	O	105		50	Pass/Fail
Installing Aircraft Interiors - Must complete four units from the following:					
Installing Aircraft Domestic Equipment	O	140		71	Pass/Fail
Installing Aircraft Lockers and Storage Units	O	52		35	Pass/Fail
Installing Aircraft Interior Panels and Soft Furnishings	O	52		30	Pass/Fail
Installing Aircraft Seating and Furniture	O	52		30	Pass/Fail
Cutting and Shaping Soft Furnishing Materials	O	52		25	Pass/Fail
Aircraft Surface Finishing - Must complete four units from the following:					
Applying Aircraft Paint Finishes by Hand	O	52		46	Pass/Fail
Applying Aircraft Paint Finishes by Spray Guns	O	52		46	Pass/Fail
Applying Transfers, Decals and Livery to Aircraft	O	52		20	Pass/Fail
Stripping and Removing Aircraft Finishes	O	52		20	Pass/Fail
Applying Finishes to Aircraft Composite Mouldings	O	126		46	Pass/Fail
Survival Equipment Maintenance - Must complete five of the following units:					
Carrying Out Maintenance of Aircrew Protective Helmets and Electrical Headsets	O	52		28	Pass/Fail
Carrying Out Maintenance of Aircrew Protective Clothing	O	52		28	Pass/Fail
Carrying Out Maintenance of Aircrew Nuclear, Biological and Chemical (NBC) Respirators and Equipment	O	52		30	Pass/Fail
Carrying Out Maintenance of Aircrew Life Preserver Equipment	O	52		30	Pass/Fail
Carrying Out Maintenance of Aircrew Inertia Reels and Restraint Harnesses	O	52		28	Pass/Fail
Carrying Out Maintenance of Aircraft Multi-Seat Life Rafts and Emergency Packs	O	52		30	Pass/Fail
Carrying Out Maintenance of Aircrew Oxygen Masks	O	52		130	Pass/Fail
Carrying Out Maintenance of Aircrew Personal Survival Packs (PSP)	O	52		128	Pass/Fail
Carrying Out Maintenance of Aircrew Quick-Release Fasteners (QRF)	O	52		128	Pass/Fail
Carrying Out Maintenance of Ejection Seat Headbox Parachute	O	52		130	Pass/Fail

Assemblies					
Carrying Out Maintenance of Free Fall Parachute Assemblies	O	52		30	Pass/Fail
Carrying Out Maintenance of Static Line Parachute Assemblies	O	52		30	Pass/Fail
Carrying Out Maintenance of Brake Parachute Assemblies	O	52		30	Pass/Fail
Carrying Out Maintenance of Night Vision Goggles	O	52		28	Pass/Fail
Weapons Maintenance - Must complete four units, as follows:					
Two units from the following:					
Testing Uninstalled Aircraft Assisted Escape System (AAES) Components	O	126		53	Pass/Fail
Testing Installed Aircraft Armament Systems	O	126		53	Pass/Fail
Testing Uninstalled Aircraft Armament System Components	O	126		53	Pass/Fail
Undertaking Fault Diagnosis on Installed Aircraft Armament Systems	O	105		50	Pass/Fail
Undertaking Fault Diagnosis on Uninstalled Aircraft Armament System Components	O	105		50	Pass/Fail
Modifying Aircraft Armament Systems and Components	O	105		50	Pass/Fail
Testing Installed Aircraft Assisted Escape Systems (AAES)	O	126		53	Pass/Fail
Plus EITHER:					
Overhauling Aircraft Gun Systems	O	168		83	Pass/Fail
Overhauling Aircraft Assisted Escape Systems (AAES)	O	168		83	Pass/Fail
Overhauling Aircraft Armament Release Systems	O	168		83	Pass/Fail
OR ONE unit from the following:					
Removing Aircraft Armament System Components	O	105		50	Pass/Fail
Removing Aircraft Assisted Escape Systems (AAES)	O	105		50	Pass/Fail
Removing Aircraft Armament Expendable Stores	O	126		55	Pass/Fail
Dismantling Aircraft Armament Expendable Stores	O	126		55	Pass/Fail
And one unit from the following:					
Installing Aircraft Armament System Components	O	168		83	Pass/Fail
Installing Aircraft Assisted Escape Systems (AAES)	O	168		83	Pass/Fail
Installing Aircraft Armament Expendable Stores	O	168		83	Pass/Fail
Assembling Aircraft Armament Expendable Stores	O	168		83	Pass/Fail
Avionics - Must complete both of the following units:					
Carrying Out Fault Diagnosis on Aircraft Avionics Components or Systems		126		53	Pass/Fail
Undertaking Scheduled Maintenance of Aircraft Avionics Equipment/Systems		98		40	Pass/Fail
Plus two more units from the following:					
Removing and Replacing Avionic Indication and Gauging Components in Aircraft Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Electrical Power Control, Distribution and Protection Systems	O	175		86	Pass/Fail

Removing and Replacing Components of Aircraft Pitot Static Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Armament Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Communication Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Passive Warning and Optical/Surveillance Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Radar Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Navigational and Computing Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Flight Guidance and Control Systems	O	175		86	Pass/Fail
Removing and Replacing Components of Aircraft Internal and External Lighting Systems	O	175		84	Pass/Fail
Modifying Aircraft Avionic Systems		175		77	Pass/Fail
Plus two more test units from the following:					
Carrying Out Tests on Avionic Indication and Gauging Components of Aircraft Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Electrical Power Control, Distribution and Protection Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Pitot Static Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Communication Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Passive Warning and Optical/Surveillance Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Radar Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Navigational and Computing Systems	O	119		119	Pass/Fail
Carrying Out Tests on Aircraft Flight Guidance and Control Systems	O	119		119	Pass/Fail
Aircraft Mechanical Maintenance - Must complete both of the following units:					
Carrying Out Fault Diagnosis on Aircraft Airframe, Mechanical Components and Systems	O	119		53	Pass/Fail
Undertaking Scheduled Maintenance of Aircraft Airframe and Mechanical Equipment	O	91		40	Pass/Fail
Plus two more test units from the following:					
Repairing Airframes and Structures	O	119		53	Pass/Fail
Modifying Airframes	O	91		40	Pass/Fail
Removing and Replacing Aircraft Power Plant and Components	O	175		89	Pass/Fail
Removing and Replacing Components of Aircraft Control Systems	O	175		89	Pass/Fail
Removing and Replacing Components of Aircraft Fuel and Lubrication Systems	O	175		89	Pass/Fail
Removing and Replacing Components of Aircraft Hydraulic Systems	O	175		89	Pass/Fail
Removing and Replacing Components of Aircraft Pneumatic and Vacuum Systems	O	175		89	Pass/Fail

Removing and Replacing Components of Aircraft Environmental Systems	O	175		89	Pass/Fail
Removing and Replacing Components of Aircraft Power Transmission Systems	O	175		89	Pass/Fail
Removing and Replacing Components of Aircraft Cabin Systems, Equipment and Furnishings	O	161		77	Pass/Fail
Removing and Replacing Major Assemblies of Aircraft Airframes	O	175		89	Pass/Fail
Modifying Aircraft Propulsion Equipment and Systems	O	161		77	Pass/Fail
Plus two more test units from the following:					
Carrying Out Tests on Aircraft Engines and Systems	O	133		55	Pass/Fail
Carrying Out Tests on Aircraft Control Systems	O	126		53	Pass/Fail
Carrying Out Tests on Aircraft Fuel and Storage Systems	O	133		55	Pass/Fail
Carrying Out Tests on Aircraft Hydraulic Systems	O	133		55	Pass/Fail
Carrying Out Tests on Aircraft Pneumatic and Vacuum Systems	O	133		55	Pass/Fail
Carrying Out Tests on Aircraft Environmental Systems	O	133		55	Pass/Fail
Carrying Out Tests on Aircraft Power Transmission Systems	O	133		55	Pass/Fail
Carrying Out Checks and Tests on Replaced Airframe Major Assemblies	O	126		53	Pass/Fail
Carrying Out Test Bed Runs on Aircraft Engines (Uninstalled)	O	357		150	Pass/Fail
Aircraft Engine Overhaul - Must complete two of the following units:					
Dressing Aircraft Engines	O	133		63	Pass/Fail
Carrying Out Test Bed Runs on Aircraft Engines (Uninstalled)	O	357		150	Pass/Fail
Overhauling Aircraft Gas Turbine Engines by Module Replacement	O	357		150	Pass/Fail
Overhauling Aircraft Gas Turbine Engine Compressor Assemblies	O	322		135	Pass/Fail
Overhauling Aircraft Gas Turbine Engine Combustion Assemblies	O	357		150	Pass/Fail
Overhauling Aircraft Gas Turbine Engine Turbine Assemblies	O	315		125	Pass/Fail
Overhauling Aircraft Gas Turbine Engine Gearbox Assemblies	O	315		125	Pass/Fail
Overhauling Aircraft Piston Engines	O	315		125	Pass/Fail
Dismantling Aircraft Gas Turbine Engines to Module/Unit Level	O	168		80	Pass/Fail
Rebuilding Aircraft Gas Turbine Engines Assemblies after Overhaul	O	357		150	Pass/Fail
Aircraft Mechanical Component Overhaul - Must complete two of the following units:					
Overhauling Components of Aircraft Rotor Heads, Blades and Power Transmission Equipment	O	371		135	Pass/Fail
Overhauling Components of Aircraft Hydraulic Equipment	O	371		135	Pass/Fail
Overhauling Components of Aircraft Pneumatic, Vacuum and Environmental Equipment	O	371		135	Pass/Fail
Overhauling Components of Aircraft Oxygen Equipment	O	371		135	Pass/Fail
Overhauling Components of Aircraft Fuel and Lubrication Equipment	O	371		135	Pass/Fail
Overhauling Major Components of Aircraft Airframes	O	336		125	Pass/Fail

Aircraft Component Overhaul - Must complete one of the following units:					
Overhauling Components of Aircraft Navigational and Computing Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Communication Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Radar Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Indication and Gauging Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Electrical Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Pitot Static Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Passive Warning and Optical/Surveillance Systems	O	336		125	Pass/Fail
Overhauling Components of Aircraft Flight Guidance and Control Equipment	O	336		125	Pass/Fail
Overhauling Components of Aircraft Internal and External Lighting Equipment	O	315		120	Pass/Fail
Overhauling Components of Aircraft Avionic Equipment	O	336		125	Pass/Fail
Aircraft Technical Design and Development - Must complete one of the following units:					
Producing Aeronautical Electrical Engineering Drawings using Computer Aided Techniques	O	329		150	Pass/Fail
Producing Aeronautical Electronic Engineering Drawings using Computer Aided Techniques	O	329		150	Pass/Fail
Producing Aeronautical Mechanical Engineering Drawings using Computer Aided Techniques	O	329		150	Pass/Fail
Producing Aeronautical Engineering Drawings/Models using 3D Computer Aided Techniques	O	329		150	Pass/Fail
Development Testing Aeronautical Electronic Equipment	O	105		53	Pass/Fail
Plus four more units from the following:					
Monitoring Aeronautical Engineering Activities	O	91		40	Pass/Fail
Planning Aeronautical Engineering Activities	O	91		40	Pass/Fail
Producing Technical Details for Aeronautical Engineering Activities	O	91		40	Pass/Fail
Obtaining Resources for Aeronautical Engineering Activities	O	91		40	Pass/Fail
Implementing Aeronautical Engineering Activities	O	91		40	Pass/Fail
Implementing Quality Assurance Systems in an Aeronautical Engineering Environment	O	91		40	Pass/Fail
Rectifying Aeronautical Engineering Problems	O	91		40	Pass/Fail
Providing Technical Guidance on Aeronautical Engineering Activities	O	91		40	Pass/Fail
Carrying Out Project Management of Aeronautical Engineering Activities	O	91		40	Pass/Fail
On Aircraft Maintenance - Must complete one of the following units:					

Lifting and Trestling/Shoring Aircraft for Maintenance/Repair Operations	O	56		15	Pass/Fail
Levelling and Weighing Aircraft	O	56		15	Pass/Fail
Towing, Marshalling and Parking Aircraft	O	56		15	Pass/Fail
Carrying Out Flight Servicing and Routine Maintenance of Aircraft	O	105		40	Pass/Fail
Plus four more units from the following:					
Maintaining Air Conditioning Systems on Aircraft (ATA 21)	O	168		86	Pass/Fail
Maintaining Auto Flight Systems on Aircraft (ATA 22)	O	168		86	Pass/Fail
Maintaining Communication Systems on Aircraft (ATA 23)	O	168		86	Pass/Fail
Maintaining Electrical Power Systems on Aircraft (ATA 24)	O	168		86	Pass/Fail
Maintaining Equipment and Furnishings on Aircraft (ATA 25)	O	154		77	Pass/Fail
Maintaining Fire Protection Systems on Aircraft (ATA 26)	O	154		77	Pass/Fail
Maintaining Flight Control Systems on Aircraft (ATA 27)	O	168		86	Pass/Fail
Maintaining Fuel Systems on Aircraft (ATA 28)	O	168		86	Pass/Fail
Maintaining Hydraulic Systems on Aircraft (ATA 29)	O	168		86	Pass/Fail
Maintaining Ice and Rain Protection Systems on Aircraft (ATA 30)	O	168		86	Pass/Fail
Maintaining Indicating and Recording Systems on Aircraft (ATA 31)	O	168		86	Pass/Fail
Maintaining Landing Gear on Aircraft (ATA 32)	O	168		86	Pass/Fail
Maintaining Lighting Systems on Aircraft (ATA 33)	O	168		86	Pass/Fail
Maintaining Navigation Systems on Aircraft (ATA 34)	O	168		86	Pass/Fail
Maintaining Oxygen Systems on Aircraft (ATA 35)	O	168		86	Pass/Fail
Maintaining Pneumatic Systems on Aircraft (ATA 36)	O	168		86	Pass/Fail
Maintaining Vacuum Systems on Aircraft (ATA 37)	O	168		86	Pass/Fail
Maintaining Water and Waste Systems on Aircraft (ATA 38)	O	168		86	Pass/Fail
Maintaining Cabin Systems on Aircraft (ATA 44)	O	168		86	Pass/Fail
Maintaining Airborne Auxiliary Power Systems on Aircraft (ATA 49)	O	168		86	Pass/Fail
Maintaining Cargo and Accessory Compartments on Aircraft (ATA 50)	O	133		55	Pass/Fail
Maintaining Doors on Aircraft (ATA 52)	O	168		86	Pass/Fail
Maintaining Fuselage, Nacelles and Pylons on Aircraft (ATA 53 & 54)	O	147		71	Pass/Fail
Maintaining Stabilisers on Aircraft (ATA 55)	O	154		77	Pass/Fail
Maintaining Windows on Aircraft (ATA 56)	O	154		77	Pass/Fail
Maintaining Wings on Aircraft (ATA 57)	O	168		86	Pass/Fail
Maintaining Propeller/Propulsor Systems on Aircraft (ATA 61)	O	168		86	Pass/Fail
Maintaining Rotor Systems on Rotorcraft (ATA 62 & 64)	O	168		86	Pass/Fail
Maintaining Rotor Drives Systems on Rotorcraft (ATA 63 & 65)	O	168		86	Pass/Fail
Maintaining Rotor Blade and Tail Pylon Folding Systems on Rotorcraft (ATA 66)	O	168		86	Pass/Fail
Maintaining Flight Control Systems on Rotorcraft (ATA 67)	O	168		86	Pass/Fail

Maintaining Power Plant on Aircraft (ATA 71)	O	168		86	Pass/Fail
Maintaining Turbine Engines on Aircraft (ATA 72)	O	168		86	Pass/Fail
Maintaining Reciprocating Engines on Aircraft (ATA 72)	O	168		86	Pass/Fail
Maintaining Engine Fuel and Control Systems on Aircraft (ATA 73)	O	168		86	Pass/Fail
Maintaining Ignition Systems on Aircraft (ATA 74)	O	147		71	Pass/Fail
Maintaining Bleed Air Systems on Aircraft (ATA 75)	O	154		77	Pass/Fail
Maintaining Engine Controls on Aircraft (ATA 76)	O	168		86	Pass/Fail
Maintaining Engine Indicating Systems on Aircraft (ATA 77)	O	168		86	Pass/Fail
Maintaining Engine Exhaust Systems on Aircraft (ATA 78)	O	154		77	Pass/Fail
Unit 345: Maintaining Lubricating Oil Systems on Aircraft (ATA 79)	O	154		77	Pass/Fail
Maintaining Engine Starting Systems on Aircraft (ATA 80)	O	154		77	Pass/Fail
Maintaining Reciprocating Engine Turbo-Supercharging Systems on Aircraft (ATA 81)	O	154		77	Pass/Fail
Maintaining Engine Water Injection Systems on Aircraft (ATA 82)	O	154		77	Pass/Fail
Maintaining Radar Systems on Aircraft (ATA 34)	O	168		86	Pass/Fail
Note: the following numbers are not used in this qualification structure 22, 24, 25, 29, 38, 40 and 215 to 300					