

## ETCAL Level 3 NVQ Diploma in Aeronautical Engineering (QCF)

**Qualification No 600/1706/5**

**Credit Value 138**

**GLH 318**

### Qualification Structure

Unit Number	Unit Title	Unit Credit Value/GLH	QCF Unit Number
<b>Mandatory units:</b> All four units must be covered			
MAN2.01	Complying with Statutory Regulations and Organisational Safety Requirements	5/35	A/601/5013
MAN2.02	Using and Interpreting Engineering Data and Documentation	5/25	Y/601/5102
MAN3.03	Working Efficiently and Effectively in Engineering	5/25	K/601/5055
ANE3-004	Reinstating the Work Area on Completion of Activities	5/25	K/601/4228
<p><b>Pathways:</b></p> <p><i>One pathway must be covered</i></p> <p><b>Aircraft Manufacture Mechanical</b></p> <p><b>Must complete four units from the following:</b></p>			
ANE3-005	Marking Out Composite and/or Metallic Aircraft Components	28/52	A/601/4363
ANE3-006	Cutting and Shaping Aircraft Components	48/126	J/601/4365
ANE3-007	Bending and Forming Aircraft Components	48/126	R/601/4367
ANE3-008	Installing Aircraft Mechanical Fasteners into Composite and/or Metallic Components	42/98	Y/601/4368
ANE3-009	Producing Aircraft Detail Assemblies	71/140	D/601/4369
ANE3-010	Producing Composite and/or Metallic Aircraft Sub-assemblies	71/140	Y/601/4371
ANE3-011	Producing Composite and/or Metallic Aircraft Major Assemblies	70/140	D/601/4372
ANE3-012	Installing Aircraft Mechanical Controls	86/210	H/601/4373
ANE3-013	Repairing Airframes and Structures	62/133	A/601/4380
ANE3-014	Modifying Airframes	60/126	F/601/4381
ANE3-015	Modifying Aircraft Mechanical Systems	77/161	D/601/4386
ANE3-016	Carrying Out Routine Servicing of Aircraft Machines	42/105	M/601/4389

ANE3-023	Moulding Acrylic Aircraft Components	50/105	D/601/4422
ANE3-026	Producing Aircraft Composite Assemblies	86/210	J/601/4432
ANE3-027	Vacuum Forming Aircraft Components	50/105	J/601/4446
ANE3-028	Producing Aircraft Components by Plastic Injection Moulding	62/105	D/601/4453
ANE3-030	Assembling Aircraft Transparencies	40/91	T/601/4474
ANE3-039	Drilling and Finishing Holes in Composite and/or Metallic Aircraft Structures or Components	40/98	M/601/4506
ANE3-041	Installing Aircraft Hydraulic Systems	86/210	A/601/4508
ANE3-042	Installing Aircraft Pneumatic Systems	86/210	T/601/4510
ANE3-043	Installing Aircraft De-Icing Systems	86/210	F/601/4512
ANE3-044	Installing Aircraft Fuel Systems	86/210	L/601/4514
ANE3-045	Installing Aircraft Environmental Systems	86/210	D/601/4517
ANE3-046	Installing Flying Control Surfaces and Systems	86/210	K/601/4519
ANE3-047	Installing Aircraft Armament Systems	86/210	H/601/4521
ANE3-048	Installing Aircraft Assisted Escape Mechanisms	70/140	T/601/4524
ANE3-049	Installing Aircraft Main Engines	95/259	F/601/4526
ANE3-050	Installing Aircraft Auxiliary Engines	89/210	R/601/4529
ANE3-051	Installing Aircraft Power Transmission Systems	89/210	R/601/4532
ANE3-052	Testing Installed Aircraft Engines	55/126	M/601/4537
ANE3-053	Testing Aircraft Power Transmission Systems	55/126	A/601/4542
ANE3-054	Testing Aircraft Hydraulic Systems	55/126	L/601/4545
ANE3-055	Testing Aircraft Pneumatic Systems	55/126	Y/601/4547
ANE3-056	Testing Aircraft Environmental Systems	55/126	Y/601/4550
ANE3-057	Testing Aircraft De-Icing Systems	55/126	M/601/4554
ANE3-058	Testing Aircraft Fuel Systems	55/126	F/601/4560
ANE3-059	Testing Aircraft Flying Control Surfaces and Systems	55/126	T/601/4572
ANE3-060	Testing Aircraft Armament Systems	50/105	R/601/4577
ANE3-061	Testing Aircraft Assisted Escape Systems	50/105	D/601/4579
ANE3-093	Applying Finishes to Aircraft Composite Mouldings	46/126	L/601/4707
ANE3-202	Producing Aircraft Composite Mouldings using Pre-Preg Laminating Techniques	86/210	F/601/5188
ANE3-203	Producing Aircraft Composite Mouldings using Wet Lay-Up Techniques	86/210	J/601/5192
ANE3-204	Producing Aircraft Composite Mouldings using Resin Infusion Laminating Techniques	86/210	Y/601/5195
ANE3-205	Trimming Aircraft Composite Mouldings using Hand Tools	46/105	H/601/5197
ANE3-206	Identifying Defects in Aircraft Composite Mouldings	30/52	Y/601/5200
ANE3-207	Repairing Aircraft Composite Mouldings	77/161	D/601/5201
ANE3-208	Bonding Aircraft Composite Mouldings	30/52	K/601/5203
ANE3-211	Setting Plastic Injection Moulding Machines for the Production of Aircraft Components	70/140	K/601/6111

### Aircraft Manufacture Electrical

**Must complete four units from the following:**

ANE3-062	Installing Aircraft Cableforms/Looms	77/161	M/601/4585
ANE3-063	Installing Aircraft Instrument Panels and Meters	86/210	A/601/4587
ANE3-064	Installing Aircraft Visual Display Units and Computer Systems	86/210	A/601/4590
ANE3-065	Installing Aircraft Engine Control Units	77/161	H/601/4597
ANE3-066	Installing Aircraft Power Supplies	77/161	L/601/4609
ANE3-067	Installing Aircraft Communication Systems	86/210	L/601/4612
ANE3-068	Installing Aircraft Flight Guidance and Control Systems	86/210	T/601/4622
ANE3-069	Installing Aircraft Navigational Systems	86/210	R/601/4630
ANE3-070	Installing Aircraft Radar Systems	86/210	Y/601/4659
ANE3-071	Installing Aircraft Countermeasure Systems	86/210	R/601/4661
ANE3-072	Installing Aircraft Electro-Optical and Infrared Systems	86/210	Y/601/4662
ANE3-073	Installing Aircraft Instrumentation Systems	86/210	H/601/4664
ANE3-074	Modifying Aircraft Electrical Systems	77/161	K/601/4665
ANE3-075	Modifying Aircraft Avionics Systems	77/161	H/601/4681
ANE3-076	Testing Aircraft Cableforms/Looms	55/126	K/601/4682
ANE3-077	Testing Aircraft Visual Display Units and Computer Systems	55/126	M/601/4683
ANE3-078	Testing Aircraft Engine Control Units	55/126	T/601/4684
ANE3-079	Testing Aircraft Communication Systems	55/126	A/601/4685
ANE3-080	Testing Aircraft Flight Guidance and Control Systems	55/126	J/601/4687
ANE3-081	Testing Aircraft Navigational Systems	55/126	R/601/4689
ANE3-082	Testing Aircraft Radar Systems	55/126	L/601/4691
ANE3-083	Testing Aircraft Countermeasure Systems	55/126	R/601/4692
ANE3-084	Testing Aircraft Electro-Optical and Infrared Systems	55/126	D/601/4694
ANE3-085	Testing Aircraft Instrumentation Systems	55/126	H/601/4695
ANE3-086	Producing Aircraft Wiring Layouts and Routeings	35/77	K/601/4696
ANE3-087	Producing Aircraft Electrical Sub-Assemblies, Cableforms and Looms	86/210	T/601/4698
ANE3-088	Modifying Aircraft Cableforms and Looms	77/161	H/601/4700

**Aircraft Power Plant Assembly, Installation and Testing**

**Must complete two units from the following:**

ANE3-031	Unit 31: Producing Aircraft Engine Compressor Assemblies	95/259	F/6014476
ANE3-032	Producing Aircraft Engine Combustion Assemblies	126/315	R/601/4479
ANE3-033	Producing Aircraft Engine Turbine Assemblies	84/231	R/601/4482
ANE3-034	Producing Aircraft Engine Gearbox Assemblies	95/259	T/601/4488

ANE3-035	Producing Aircraft Piston Engine Assemblies	95/259	Y/601/4497
ANE3-036	Producing Aircraft Engine Major Assemblies	147/350	Y/601/4502
ANE3-037	Dressing Aircraft Engines	63/133	K/601/4505
ANE3-049	Installing Aircraft Main Engines	95/259	F/601/4526
ANE3-052	Testing Installed Aircraft Engines	55/126	M/601/4537
ANE3-161	Carrying Out Test Bed Runs on Aircraft Engines (Uninstalled)	150/357	K/601/4889

### Installing Aircraft Interiors

*Must complete **four** units from the following:*

ANE3-017	Installing Aircraft Domestic Equipment	71/140	H/601/4390
ANE3-018	Installing Aircraft Lockers and Storage Units	35/52	F/601/4395
ANE3-019	Installing Aircraft Interior Panels and Soft Furnishings	30/52	A/601/4413
ANE3-020	Installing Aircraft Seating and Furniture	30/52	R/601/4417
ANE3-021	Cutting and Shaping Soft Furnishing Materials	25/52	R/6014420

### Aircraft Surface Finishing

*Must complete **four** units from the following:*

ANE3-089	Applying Aircraft Paint Finishes by Hand	46/52	K/601/4701
ANE3-090	Applying Aircraft Paint Finishes by Spray Guns	46/52	T/601/4703
ANE3-091	Applying Transfers, Decals and Livery to Aircraft	20/52	A/601/4704
ANE3-092	Stripping and Removing Aircraft Finishes	20/52	J/601/4706
ANE3-093	Applying Finishes to Aircraft Composite Mouldings	46/126	L/601/4707

### Survival Equipment Maintenance

*Must complete **five** of the following units:*

ANE3-094	Carrying Out Maintenance of Aircrew Protective Helmets and Electrical Headsets	28/52	L/601/4710
ANE3-095	Carrying Out Maintenance of Aircrew Protective Clothing	28/52	M/601/4716
ANE3-096	Carrying Out Maintenance of Aircrew Nuclear, Biological and Chemical (NBC) Respirators and Equipment	30/52	F/601/4719
ANE3-097	Carrying Out Maintenance of Aircrew Life Preserver Equipment	30/52	F/601/4722
ANE3-098	Carrying Out Maintenance of Aircrew Inertia Reels and Restraint Harnesses	28/52	J/601/4723
ANE3-099	Carrying Out Maintenance of Aircraft Multi-Seat Life Rafts and Emergency Packs	30/52	R/601/4725
ANE3-100	Carrying Out Maintenance of Aircrew Oxygen Masks	30/52	D/601/4727

ANE3-101	Carrying Out Maintenance of Aircrew Personal Survival Packs (PSP)	28/52	M/601/4733
ANE3-102	Carrying Out Maintenance of Aircrew Quick-Release Fasteners (QRF)	28/52	T/601/4734
ANE3-103	Carrying Out Maintenance of Ejection Seat Headbox Parachute Assemblies	30/52	A/601/4735
ANE3-198	Carrying Out Maintenance of Free Fall Parachute Assemblies	30/52	J/601/5175
ANE3-199	Carrying Out Maintenance of Static Line Parachute Assemblies	30/52	R/601/5177
ANE3-200	Carrying Out Maintenance of Brake Parachute Assemblies	30/52	H/601/5183
ANE3-201	Carrying Out Maintenance of Night Vision Goggles	28/52	A/601/5187

### **Weapons Maintenance**

*Must complete **four** units, as follows:*

***Two** units from the following:*

ANE3-104	Testing Uninstalled Aircraft Assisted Escape System (AAES) Components	53/126	F/601/4736
ANE3-105	Testing Installed Aircraft Armament Systems	53/126	J/601/4737
ANE3-106	Testing Uninstalled Aircraft Armament System Components	53/126	L/601/4738
ANE3-107	Undertaking Fault Diagnosis on Installed Aircraft Armament Systems	50/105	R/601/4739
ANE3-108	Undertaking Fault Diagnosis on Uninstalled Aircraft Armament System Components	50/105	J/601/4740
ANE3-109	Modifying Aircraft Armament Systems and Components	50/105	L/601/4741
ANE3-110	Testing Installed Aircraft Assisted Escape Systems (AAES)	53/126	Y/601/4743

*Plus **EITHER**:*

ANE3-111	Overhauling Aircraft Gun Systems	83/168	D/601/4744
ANE3-112	Overhauling Aircraft Assisted Escape Systems (AAES)	83/168	H/601/4745
ANE3-113	Overhauling Aircraft Armament Release Systems	83/168	K/601/4746

**OR:**

***ONE** unit from the following:*

ANE3-114	Removing Aircraft Armament System Components	50/105	M/601/4747
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ANE3-115	Removing Aircraft Assisted Escape Systems (AAES)	50/105	T/601/4748
ANE3-116	Removing Aircraft Armament Expendable Stores	55/126	A/601/4749
ANE3-209	Dismantling Aircraft Armament Expendable Stores	55/126	R/601/6104
<i>And <b>one</b> unit from the following:</i>			
ANE3-117	Installing Aircraft Armament System Components	83/168	M/601/4750
ANE3-118	Installing Aircraft Assisted Escape Systems (AAES)	83/168	T/601/4751
ANE3-119	Installing Aircraft Armament Expendable Stores	83/168	A/601/4752
ANE3-210	Assembling Aircraft Armament Expendable Stores	83/168	H/601/6107
<b>Avionics</b>			
<i>Must complete <b>both</b> of the following units:</i>			
ANE3-120	Carrying Out Fault Diagnosis on Aircraft Avionics Components or Systems	53/126	F/601/4753
ANE3-121	Undertaking Scheduled Maintenance of Aircraft Avionics Equipment/Systems	40/98	J/601/4754
<i>Plus <b>two</b> more units from the following:</i>			
ANE3-122	Removing and Replacing Avionic Indication and Gauging Components in Aircraft Systems	86/175	R/601/4756
ANE3-123	Removing and Replacing Components of Aircraft Electrical Power Control, Distribution and Protection Systems	86/175	H/601/4759
ANE3-124	Removing and Replacing Components of Aircraft Pitot Static Systems	86/175	D/601/4761
ANE3-125	Removing and Replacing Components of Aircraft Armament Systems	86/175	H/601/4762
ANE3-126	Removing and Replacing Components of Aircraft Communication Systems	86/175	K/601/4763
ANE3-127	Removing and Replacing Components of Aircraft Passive Warning and Optical/Surveillance Systems	86/175	T/601/4765
ANE3-128	Removing and Replacing Components of Aircraft Radar Systems	86/175	F/601/4767
ANE3-129	Removing and Replacing Components of Aircraft Navigational and Computing Systems	86/175	L/601/4769
ANE3-130	Removing and Replacing Components of Aircraft Flight Guidance and Control Systems	86/175	J/601/4771
ANE3-131	Removing and Replacing Components of Aircraft Internal and External Lighting Systems	84/175	L/601/4772
ANE3-132	Modifying Aircraft Avionic Systems	77/175	R/601/4773

*Plus two more test units from the following:*

ANE3-133	Carrying Out Tests on Avionic Indication and Gauging Components of Aircraft Systems	53/119	Y/601/4774
ANE3-134	Carrying Out Tests on Aircraft Electrical Power Control, Distribution and Protection Systems	53/119	H/601/4776
ANE3-135	Carrying Out Tests on Aircraft Pitot Static Systems	53/119	M/601/4781
ANE3-136	Carrying Out Tests on Aircraft Communication Systems	53/119	A/601/4783
ANE3-137	Carrying Out Tests on Aircraft Passive Warning and Optical/Surveillance Systems	53/119	F/061/4784
ANE3-138	Carrying Out Tests on Aircraft Radar Systems	53/119	R/601/4787
ANE3-139	Carrying Out Tests on Aircraft Navigational and Computing Systems	53/119	D/601/4789
ANE3-140	Carrying Out Tests on Aircraft Flight Guidance and Control Systems	53/119	Y/601/4791

### **Aircraft Mechanical Maintenance**

*Must complete both of the following units:*

ANE3-141	Carrying Out Fault Diagnosis on Aircraft Airframe, Mechanical Components and Systems	53/119	Y/601/4807
ANE3-142	Undertaking Scheduled Maintenance of Aircraft Airframe and Mechanical Equipment	40/91	H/601/4809

*Plus two more test units from the following:*

ANE3-013	Repairing Airframes and Structures	53/119	A/601/4380
ANE3-014	Modifying Airframes	40/91	F/601/4381
ANE3-143	Removing and Replacing Aircraft Power Plant and Components	89/175	H/601/4812
ANE3-144	Removing and Replacing Components of Aircraft Control Systems	89/175	M/601/4814
ANE3-145	Removing and Replacing Components of Aircraft Fuel and Lubrication Systems	89/175	A/601/4816
ANE3-146	Removing and Replacing Components of Aircraft Hydraulic Systems	89/175	J/601/4818
ANE3-147	Removing and Replacing Components of Aircraft Pneumatic and Vacuum Systems	89/175	J/601/4821
ANE3-148	Removing and Replacing Components of Aircraft Environmental Systems	89/175	R/601/4823
ANE3-149	Removing and Replacing Components of Aircraft Power Transmission Systems	89/175	D/601/4825
ANE3-150	Removing and Replacing Components of Aircraft Cabin Systems, Equipment and Furnishings	77/161	M/601/4828
ANE3-151	Removing and Replacing Major Assemblies of Aircraft Airframes	89/175	M/601/4831
ANE3-152	Modifying Aircraft Propulsion Equipment and Systems	77/161	T/601/4832

*Plus two more test units from the following:*

ANE3-153	Carrying Out Tests on Aircraft Engines and Systems	55/133	L/601/4836
ANE3-154	Carrying Out Tests on Aircraft Control Systems	53/126	Y/601/4841
ANE3-155	Carrying Out Tests on Aircraft Fuel and Storage Systems	55/133	H/601/4857
ANE3-156	Carrying Out Tests on Aircraft Hydraulic Systems	55/133	L/601/4870
ANE3-157	Carrying Out Tests on Aircraft Pneumatic and Vacuum Systems	55/133	Y/601/4872
ANE3-158	Carrying Out Tests on Aircraft Environmental Systems	55/133	A/601/4878
ANE3-159	Carrying Out Tests on Aircraft Power Transmission Systems	55/133	J/6014883
ANE3-160	Carrying Out Checks and Tests on Replaced Airframe Major Assemblies	53/126	H/601/4888

### **Aircraft Engine Overhaul**

*Must complete two of the following units:*

ANE3-037	Dressing Aircraft Engines	63/133	K/601/4505
ANE3-161	Carrying Out Test Bed Runs on Aircraft Engines (Uninstalled)	150/357	K/601/4889
ANE3-162	Overhauling Aircraft Gas Turbine Engines by Module Replacement	150/357	J/601/4902
ANE3-163	Overhauling Aircraft Gas Turbine Engine Compressor Assemblies	135/322	J/601/4916
ANE3-164	Overhauling Aircraft Gas Turbine Engine Combustion Assemblies	150/357	Y/601/4919
ANE3-165	Overhauling Aircraft Gas Turbine Engine Turbine Assemblies	125/315	Y/601/4970
ANE3-166	Overhauling Aircraft Gas Turbine Engine Gearbox Assemblies	125/315	H/601/4972
ANE3-167	Overhauling Aircraft Piston Engines	125/315	J/601/4981
ANE3-212	Dismantling Aircraft Gas Turbine Engines to Module/Unit Level	80/168	A/601/6114
ANE3-213	Rebuilding Aircraft Gas Turbine Engines Assemblies after Overhaul	150/357	T/601/6127

### **Aircraft Mechanical Component Overhaul**

*Must complete two of the following units:*



ANE3-168	Overhauling Components of Aircraft Rotor Heads, Blades and Power Transmission Equipment	135/371	K/601/4987
ANE3-169	Overhauling Components of Aircraft Hydraulic Equipment	135/371	M/601/4988
ANE3-170	Overhauling Components of Aircraft Pneumatic, Vacuum and Environmental Equipment	135/371	R/601/5034
ANE3-171	Overhauling Components of Aircraft Oxygen Equipment	135/371	Y/601/5035
ANE3-172	Overhauling Components of Aircraft Fuel and Lubrication Equipment	135/371	A/601/5044
ANE3-173	Overhauling Major Components of Aircraft Airframes	125/336	D/601/5053

### Aircraft Component Overhaul

*Must complete **one** of the following units:*

ANE3-174	Overhauling Components of Aircraft Navigational and Computing Equipment	125/336	J/601/5113
ANE3-175	Overhauling Components of Aircraft Communication Equipment	125/336	T/601/5138
ANE3-176	Overhauling Components of Aircraft Radar Equipment	125/336	A/601/5139
ANE3-177	Overhauling Components of Aircraft Indication and Gauging Equipment	125/336	M/601/5140
ANE3-178	Overhauling Components of Aircraft Electrical Equipment	125/336	T/601/5141
ANE3-179	Overhauling Components of Aircraft Pitot Static Equipment	125/336	F/601/5143
ANE3-180	Overhauling Components of Aircraft Passive Warning and Optical/Surveillance Systems	125/336	R/601/5146
ANE3-181	Overhauling Components of Aircraft Flight Guidance and Control Equipment	125/336	Y/601/5147
ANE3-182	Overhauling Components of Aircraft Internal and External Lighting Equipment	120/315	D/601/5148
ANE3-214	Overhauling Components of Aircraft Avionic Equipment	125/336	T/601/6130

### Aircraft Technical Design and Development

*Must complete **one** of the following units:*

ANE3-183	Producing Aeronautical Electrical Engineering Drawings using Computer Aided Techniques	150/329	Y/601/5150
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ANE3-184	Producing Aeronautical Electronic Engineering Drawings using Computer Aided Techniques	150/329	H/601/5152
ANE3-185	Producing Aeronautical Mechanical Engineering Drawings using Computer Aided Techniques	150/329	K/601/5153
ANE3-186	Producing Aeronautical Engineering Drawings/Models using 3D Computer Aided Techniques	150/329	M/601/5154
ANE3-187	Development Testing Aeronautical Electronic Equipment	53/105	T/601/5155

*Plus four more units from the following:*

ANE3-188	Monitoring Aeronautical Engineering Activities	40/91	A/601/5156
ANE3-189	Planning Aeronautical Engineering Activities	40/91	F/601/5157
ANE3-190	Producing Technical Details for Aeronautical Engineering Activities	40/91	J/601/5158
ANE3-191	Obtaining Resources for Aeronautical Engineering Activities	40/91	L/601/5159
ANE3-192	Implementing Aeronautical Engineering Activities	40/91	L/601/5162
ANE3-193	Implementing Quality Assurance Systems in an Aeronautical Engineering Environment	40/91	Y/601/5164
ANE3-194	Rectifying Aeronautical Engineering Problems	40/91	H/601/5166
ANE3-195	Providing Technical Guidance on Aeronautical Engineering Activities	40/91	T/601/5169
ANE3-196	Carrying Out Project Management of Aeronautical Engineering Activities	40/91	K/601/5170

### **On Aircraft Maintenance**

*Must complete one of the following units:*

ANE3-301	Lifting and Trestling/Shoring Aircraft for Maintenance/Repair Operations	15/56	
ANE3-302	Levelling and Weighing Aircraft	15/56	
ANE3-303	Towing, Marshalling and Parking Aircraft	15/56	
ANE3-304	Carrying Out Flight Servicing and Routine Maintenance of Aircraft	40/105	

*Plus four more units from the following:*

ANE3-305	Maintaining Air Conditioning Systems on Aircraft (ATA 21)	86/168	
ANE3-306	Maintaining Auto Flight Systems on Aircraft (ATA 22)	86/168	
ANE3-307	Maintaining Communication Systems on Aircraft (ATA 23)	86/168	

ANE3-308	Maintaining Electrical Power Systems on Aircraft (ATA 24)	86/168	
ANE3-309	Maintaining Equipment and Furnishings on Aircraft (ATA 25)	77/154	
ANE3-310	Maintaining Fire Protection Systems on Aircraft (ATA 26)	77/154	
ANE3-311	Maintaining Flight Control Systems on Aircraft (ATA 27)	86/168	
ANE3-312	Maintaining Fuel Systems on Aircraft (ATA 28)	86/168	
ANE3-313	Maintaining Hydraulic Systems on Aircraft (ATA 29)	86/168	
ANE3-314	Maintaining Ice and Rain Protection Systems on Aircraft (ATA 30)	86/168	
ANE3-315	Maintaining Indicating and Recording Systems on Aircraft (ATA 31)	86/168	
ANE3-316	Maintaining Landing Gear on Aircraft (ATA 32)	86/168	
ANE3-317	Maintaining Lighting Systems on Aircraft (ATA 33)	86/168	
ANE3-318	Maintaining Navigation Systems on Aircraft (ATA 34 )	86/168	
ANE3-319	Maintaining Oxygen Systems on Aircraft (ATA 35)	86/168	
ANE3-320	Maintaining Pneumatic Systems on Aircraft (ATA 36)	86/168	
ANE3-321	Maintaining Vacuum Systems on Aircraft (ATA 37)	86/168	
ANE3-322	Maintaining Water and Waste Systems on Aircraft (ATA 38)	86/168	
ANE3-323	Maintaining Cabin Systems on Aircraft (ATA 44)	86/168	
ANE3-324	Maintaining Airborne Auxiliary Power Systems on Aircraft (ATA 49)	86/168	
ANE3-325	Maintaining Cargo and Accessory Compartments on Aircraft (ATA 50)	55/133	
ANE3-326	Maintaining Doors on Aircraft (ATA 52)	86/168	
ANE3-327	Maintaining Fuselage, Nacelles and Pylons on Aircraft (ATA 53 & 54)	71/147	
ANE3-328	Maintaining Stabilisers on Aircraft (ATA 55)	77/154	
ANE3-329	Maintaining Windows on Aircraft (ATA 56)	77/154	
ANE3-330	Maintaining Wings on Aircraft (ATA 57)	86/168	
ANE3-331	Maintaining Propeller/Propulsor Systems on Aircraft (ATA 61)	86/168	
ANE3-332	Maintaining Rotor Systems on Rotorcraft (ATA 62 & 64)	86/168	
ANE3-333	Maintaining Rotor Drives Systems on Rotorcraft (ATA 63 & 65)	86/168	
ANE3-334	Maintaining Rotor Blade and Tail Pylon Folding Systems on Rotorcraft (ATA 66)	86/168	
ANE3-335	Maintaining Flight Control Systems on Rotorcraft (ATA 67)	86/168	
ANE3-336	Maintaining Power Plant on Aircraft (ATA 71)	86/168	

ANE3-337	Maintaining Turbine Engines on Aircraft (ATA 72)	86/168	
ANE3-338	Maintaining Reciprocating Engines on Aircraft (ATA 72)	86/168	
ANE3-339	Maintaining Engine Fuel and Control Systems on Aircraft (ATA 73)	86/168	
ANE3-340	Maintaining Ignition Systems on Aircraft (ATA 74)	71/147	
ANE3-341	Maintaining Bleed Air Systems on Aircraft (ATA 75)	77/154	
ANE3-342	Maintaining Engine Controls on Aircraft (ATA 76)	86/168	
ANE3-343	Maintaining Engine Indicating Systems on Aircraft (ATA 77)	86/168	
ANE3-344	Maintaining Engine Exhaust Systems on Aircraft (ATA 78)	77/154	
ANE3-345	Unit 345: Maintaining Lubricating Oil Systems on Aircraft (ATA 79)	77/154	
ANE3-346	Maintaining Engine Starting Systems on Aircraft (ATA 80)	77/154	
ANE3-347	Maintaining Reciprocating Engine Turbo-Supercharging Systems on Aircraft (ATA 81)	77/154	
ANE3-348	Maintaining Engine Water Injection Systems on Aircraft (ATA 82)	77/154	
ANE3-349	Maintaining Radar Systems on Aircraft (ATA 34)	86/168	
<p><b>Note: the following numbers are not used in this qualification structure 22, 24, 25, 29, 38, 40 and 215 to 300</b></p>			