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Section 1.1 - Personal Information

Name		ASL No.	
		AMEL No.	
Nationality		D.O.B.	
Address			
Email		Phone	
		Mobile	
Change of Details			
Address			
Email		Phone	
		Mobile	
Address			
Email		Phone	
		Mobile	

Anyone who finds this Personal Training Record (PTR) should return it to the person named above or to the CAA of New Zealand

Section 1.2 - Instructions for use

General Information

This PTR is the preferred means of providing documentary evidence to demonstrate the training and experience requirements for the issue and subsequent amendment of a Part 66 Aircraft Maintenance Engineers' Licence (AMEL).

It may be used in support of the following:

- Initial issue of an AMEL
- Issue of additional category(s)
- Issue of rating(s)
- Issue of a Maintenance Approval.

Completion is the responsibility of the Owner of the PTR and should be completed in accordance with these instructions for use.

CAA information on the requirements for the issue and amendment of an AMEL are contained in Rule Part 66 and AC66-1. These are available on the CAA website (www.caa.govt.nz) under the heading '**Maintenance Engineers**'.

ATTTO information on qualifications for Maintenance Engineers under the NZQA frame work, including Level 4 National Certificates and Level 6 Diplomas are provided on the ATTTO website (www.attto.org.nz).

1.1 - Personal Information

This information shall be kept current by the Owner.

1.3 - Record of Employment

The Owner shall record changes of employer and job or, position changes with the same employer. This shall be validated by a representative of the employer.

Section 1.2 - Instructions for use - continued

1.4 - Register of Validating Engineers

Each maintenance task must be validated by an appropriately licensed or approved Engineer.

ATTTO Assessors or Expert Witnesses should place their ATTTO number in the appropriate column.

The validating engineer shall complete the register, one time only, to verify status of certification authority. When certifying validations in the 'Experience' section use initials and line number from this register. Certification in the verification column indicates that the validating Engineer has directly supervised the Owner carrying out one of the following:

(P) - Personally performed the task

(A) - Taken an active interest in

(T) - Received instruction or on the job training.

In completing the 'Details of the Maintenance Task' column, it should be clearly annotated with P, A or T to indicate the individuals involvement in the task.

2.1 - Examination History

The Owner shall record examination history.

2.2 - Courses and Qualifications

The Owner shall record courses and qualifications completed.

2.3 - Record of Employer/Company Authorisations

The Owner shall record authorisations gained. This shall be validated by a representative of the employer

2.4 - Assessment History

The Owner shall be responsible for making this page available for the relevant agencies to complete. This shall be validated by the relevant representative of the agency.

Section 1.2 - Instructions for use - continued

3.0 - Experience Record

Each AME Licence Category has a separate section with a Category Divider. As a guide, the applicable ATA Chapters for that Category are listed on this divider.

Some of the Airframe Systems ATA Chapters (20 - 49) may apply to a number of categories depending on which part of the system is being maintained. Reference should be made to **AC66-1 Appendix 3** for specific information on the category privileges demarcations.

Appendix 1 lists all the common ATA Chapters and the most common sub-chapters to 4 digits. Reference should also be made to the Aircraft or Component Maintenance Manual / Instructions for Continued Airworthiness (ICAs) being maintained.

Experience should be recorded in a separate sub-section for the appropriate rating group or specific type rating of the relevant category section. There is a space at the top of each page to record the relevant rating.

e.g. for Section 3.1 Aeroplane Category - may have separate sub-sections for Group 1, Group 2 and any individual type ratings (Group 5 or 6) that the Owner is gaining experience on.

There should be sufficient detail to describe the task to allow an assessment to see that a range of various maintenance tasks have been completed for the unit standard (U.S.), category, or rating being applied for.

In the '**Details of Maintenance Task**' column indicate that one of the following actions has been carried out:

(P) - Personally performed the task

(A) - Taken an active interest in

(T) - Received instruction or on the job training.

Each maintenance task must be validated by an appropriately licensed or approved Engineer (refer above 1.4.).

Appendix 2 is provided as a guide, for a list of typical task relevant to the various ATA Chapters - this is not a comprehensive list of all tasks that could be completed.

If completing NZQA unit standards towards the completion of a NZQA qualification the unit standard should be entered in Column 2.

Section 1.3 - Record of Employment

The Owner shall record changes of employer and job or, position changes with the same employer. This shall be validated by a representative of the employer.

#	Employer/Company	Position Held	From	To	Verifier's Name & Position	Verifier's Signature & Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Section 1.4 - Register of Validating Engineers

The validating Engineer shall complete the register below, once only, to verify the status of the certified authority.

When certifying in the 'Experience' section, use initials and the line number from this register.

#	Name	Employer/Company	Approval / Licence No.	ATTTO Ass / EW No.	Signature	Initials
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Section 2.1 - Examination History - Basic Trade Exams, AMEL Exams, Rating Exams

The Owner shall record examination history.

Date Passed	Exam detail Trade/AMEL/Rating	Exam Number	NZQA Unit Standard	Examination Authority	Result

Section 2.3 - Record of Employer/Company Authorisations

The Owner shall record authorisations gained. This must be validated by a representative of the employer/company.

Date Issued	Authorisation Details	Employer/Company	Issuing Officer	AME/Company No.

Section 2.3 - Record of Employer/Company Authorisations

The Owner shall record authorisations gained. This must be validated by a representative of the employer/company.

Date Issued	Authorisation Details	Employer/Company	Issuing Officer	AME/Company No.

Section 3.1 - Practical Experience Record - Aeroplane Category _____ *Rating*

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.1 - Practical Experience Record - Aeroplane Category _____ *Rating*

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.1 - Practical Experience Record - Aeroplane Category _____ *Rating*

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.1 - Practical Experience Record - Aeroplane Category _____ *Rating*

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.2 – Practical Experience Record - Rotorcraft Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.2 – Practical Experience Record - Rotorcraft Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.2 – Practical Experience Record - Rotorcraft Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.2 – Practical Experience Record - Rotorcraft Category _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.3 - Practical Experience Record - Powerplant Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.3 - Practical Experience Record - Powerplant Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.3 - Practical Experience Record - Powerplant Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.3 - Practical Experience Record - Powerplant Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.4 - Practical Experience Record - Electrical Category _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.4 - Practical Experience Record - Electrical Category _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.4 - Practical Experience Record - Electrical Category _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.4 - Practical Experience Record - Electrical Category _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.5 - Practical Experience Record - Instrument Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.5 - Practical Experience Record - Instrument Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.5 - Practical Experience Record - *Instrument Category* _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.5 - Practical Experience Record - *Instrument Category* _____ *Rating* _____ *page of* _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.6 - Practical Experience Record - Radio Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.6 - Practical Experience Record - Radio Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.6 - Practical Experience Record - Radio Category _____ Rating _____ page *of*

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Section 3.6 - Practical Experience Record - Radio Category _____ Rating _____ page of _____

Date	ATA No. and/or U.S. No.	A/C Reg. and Job No.	A/C Type or Component	Details of Maintenance Task	Hrs	Validating Eng. No. & Initials	

Appendix 1 - ATA Chapter Listing (from ATA iSpec 2200) *Note: Some manufacturers may use own numbering*

04	AIRWORTHINESS LIMITATIONS	2220	Speed-Attitude correction	2560	Emergency equipment
05	TIME LIMITS / MAINTENANCE CHECKS	2230	Auto Throttle	2570	Accessory Compartments
		2240	System Monitor	2580	Insulation
06	DIMENSIONS & AREAS	2250	Aerodynamic Load Alleviating	26	FIRE PROTECTION
07	LIFTING & SHORING	23	COMMUNICATIONS	2600	General
08	LEVELING & WEIGHING	2300	General	2610	Detection
09	TOWING & TAXING	2310	Speech Communications	2620	Extinguishing
10	PARKING & MOORING	2315	SATCOM	2630	Explosion Suppression
11	PLACARDS & MARKINGS	2320	Data Transmission & Auto Call	27	FLIGHT CONTROLS
12	SERVICING	2330	PA & Entertainment	2700	General
1210	Replenishing	2340	Interphone	2710	Aileron & Tab
1220	Scheduled Servicing	2350	Audio Integrating	2720	Rudder & Tab
1230	Unscheduled Servicing	2360	Static Discharging	2730	Elevator & Tab
18	VIBRATION/NOISE ANALYSIS (HELICOPTER)	2370	Audio & Video Monitoring	2740	Horizontal Stabilizer
		2380	Integrated Automatic Tuning	2750	Flaps
20	STANDARD PRACTICES AIRFRAME	24	ELECTRICAL POWER	2760	Spoiler & Drag Devises
		2400	General	2770	Gust Lock & Damper
21	AIR CONDITIONING	2410	Alternator/Generator Drive	2780	Lift Augmenting
2100	Air conditioning system general	2420	AC Generation	28	FUEL
2110	Compressor	2430	DC Generation	2800	General
2120	Air distribution	2440	External Power	2810	Storage
2130	Pressurization Control	2450	AC Electrical Load Distribution	2820	Distribution
2140	Heating	2460	DC Electrical Load Distribution	2830	Dump
2150	Cooling	25	EQUIPMENT & FURNISHINGS	2840	Indicating
2160	Temperature Control	2500	General	29	HYDRAULIC POWER
2170	Moisture Control	2510	Flight Compartment	2900	General
22	AUTO FLIGHT	2520	Passenger Compartment	2910	Main
2200	General	2530	Galley	2920	Auxiliary
2210	Autopilot	2540	Lavatories	2930	Indicating
		2550	Cargo Compartments		

Appendix 1 - ATA Chapter Listing (from ATA iSpec 2200) *Note: Some manufacturers may use own numbering*

30	ICE & RAIN PROTECTION	33	LIGHTS	3800	General
3000	General	3300	General	3810	Potable
3010	Airfoil	3310	Flight Compartment	3820	Wash
3020	Air Intakes	3320	Passenger Compartment	3830	Waste Disposal
3030	Pitot & Static	3330	Cargo & Service Compartments	3840	Air Supply (water press sys)
3040	Windows/Windshields & Doors	3340	Exterior	39	ELECTRONIC PANEL & MULTI PURPOSE COMPONENTS
3050	Antennas & Radomes	3350	Emergency	41	WATER BALLAST
3060	Props / Rotors	34	NAVIGATION	42	INTERGRATED MODULAR AVIONICS
3070	Water Lines	3400	General	44	CABIN SYSTEMS
3080	Ice Detection	3410	Flight Environment Data	4400	General
31	INDICATING & RECORDING SYSTEMS	3420	Attitude & Direction	4410	Cabin Core
3100	General	3430	Landing & Taxiing Aids	4420	Inflight Entertainment
3110	Instrument & Control Panels	3440	Independent Position Determining	4430	External Communication
3120	Independ. Instrument s (clock, etc)	3450	Dependent Position Determining	45	CENTRAL MAINTENANCE SYSTEM (CMS)
3130	Data Recorders (flight/maint)	3460	Flt. Management Computing	46	INFORMATION SYSTEMS
3140	Central Computers (e.g. EICAS)	35	OXYGEN	49	AIRBORNE AUXILIARY POWER
3150	Central Warning	3500	General	4900	General
3160	Central Display	3510	Crew	4910	Power Plant
3170	Automatic Data Reporting	3520	Passenger	4920	Engine
32	LANDING GEAR	3530	Portable	4930	Fuel & Control
3200	General	36	PNEUMATIC	4940	Ignition/Starting
3210	Main Gear	3600	General	4950	Air
3220	Nose / Tail Gear	3610	Distribution	4960	Engine Controls
3230	Gear Extension & Retraction	3620	Indicating	4970	Indicating
3240	Wheels & Brakes	37	VACUUM	4980	Exhaust
3250	Steering	3700	General	4990	Oil
3260	Position & Warning	3710	Distribution		
3270	Supp. Gear (tail/rotorcraft skid)	3720	Indicating		
		38	WATER WASTE		

Appendix 1 - ATA Chapter Listing (from ATA iSpec 2200) *Note: Some manufacturers may use own numbering*

50	CARGO & ACCESSORY COMPARTMENTS	5540	Rudder	63	ROTOR DRIVE(S)
51	STD. PRACTICES & STRUCTURES	56	WINDOWS	6300	General
52	DOORS	5600	General	6310	Engine / Gearbox Coupling
5200	General	5610	Flight Compartment	6320	Gearbox(es)
5210	Passenger / Crew	5620	Passenger Compartment	6330	Mounts & Attachments
5220	Emergency Exit	5630	Door	6340	Indicating
5230	Cargo / Baggage	5640	Inspection & Observation	64	TAIL ROTOR
5240	Service & Misc.	57	WINGS	6400	General
5250	Fixed Interior	5700	General	6410	T/R Blades
5260	Entrance Stairs	5710	Central Wing	6420	T/R Head
5270	Monitoring & Operation	5720	Outer Wing	6440	Indicating
5280	Landing Gear	5730	Wing Tip	65	TAIL ROTOR DRIVE
53	FUSELAGE	5740	Leading Edge & LE Devices	6500	General
5300	General	5750	Trialing Edge & TE Devices	6510	Drive Shafts
5310	Main Structure	5760	Ailerons & Elevons	6520	Gearboxes
5320	Auxiliary structure	5770	Spoilers	6540	Indicating
5330	Plates / Skins (aux fuselage)	60	STD. PRACTICES PROPS/ROTOR	66	FOLDING BLADES / PYLON
5340	Attachment fittings	61	PROPELLERS / PROPULSION	67	ROTORS FLIGHT CONTROL
5350	Aerodynamic Fairings Structure	6100	General	6700	General
54	NACELLES / PYLONS	6110	Propeller Assembly	6710	M/R Control
5400	General	6120	Controlling System	6720	T/R (Yaw) Control
5410	Nacelle Section	6130	Braking	6730	Servo-control System
5450	Pylon	6140	Indicating		
55	STABILIZERS	62	ROTOR(S)		
5500	General	6200	General		
5510	Horizontal Stabilizer	6210	M/R Blades		
5520	Elevator	6220	M/R Head(s)		
5530	Vertical Stabilizer	6230	M/R Mast / Swashplate		
		6240	M/R Indicating		

Appendix 1 - ATA Chapter Listing (from ATA iSpec 2200) *Note: Some manufacturers may use own numbering*

70	STD. PRACTICES - ENGINE	75	ENGINE AIR	81	TURBINES – Recip. Engines
71	POWER PLANT	7500	General	8100	General
7100	General	7510	Engine Anti-Icing	8110	Power Recovery
7110	Cowling	7520	Engine Cooling	8120	Turbo - Supercharger
7120	Mounts	7530	Compressor Control	82	WATER INJECTION
7130	Fireseals	7540	Indicating	8200	General
7140	Attach. Fittings	76	ENGINE CONTROLS	8210	Storage
7150	Electrical Harness	7600	General	8220	Distribution
7160	Air Intake	7610	Power Controls	8230	Dumping & Purging
7170	Engine Drains	7620	Emergency shutdown system	8240	Indicating
72	ENGINE - Turbine/Turbo Prop.	77	ENGINE INDICATING	83	ACCESSORY GEAR BOXES – Remote to Engine
7200	General	7700	General	8300	General
7210	Reduction Gear, Shaft Section	7710	Power	8310	Drive Shaft Section
7220	Air Inlet Section (core eng)	7720	Temperature	8320	Gearbox Section
7230	Compressor Section	7730	Analyzers	84	PROPULSION AUGMENTATION
7240	Combustion section	7740	Integrated Engine Inst. System	85	ENGINE – Reciprocating
7250	Turbine Section	78	EXHAUST	8500	General
7260	Accessory Drives	7800	General	8510	Front Section
7270	By-pass Section	7810	Collector / Nozzle	8520	Power Section
7280	Propulsion Section	7820	Noise Suppressor	8530	Cylinder Section
73	ENGINE FUEL & CONTROL	7830	Thrust Reverser	8540	Rear Section
7300	General	7840	Supplementary Air	8550	Oil System
7310	Distribution	79	OIL	91	CHARTS
7320	Controlling	7900	General		
7330	Indicating	7910	Storage (airframe furnish.)		
74	ENGINE IGNITION	7920	Distribution (airframe furnish.)		
7400	General	7930	Indicating		
7410	Electrical Power Supply	80	STARTING		
7420	Distribution (ignition harness)	8000	General		
7430	Switching	8010	Cranking		

Appendix 2 - List of Typical Tasks by ATA Chapter

5 Time limits/Maintenance checks

Scheduled Inspections - e.g.

- 100 hour check (GA aircraft).
- A ,B or C type checks (transport category aircraft).

Review records for compliance with airworthiness directives.

Review records for compliance with component life limits.

Procedure for Inspection following heavy landing.

Procedure for Inspection following lightning strike.

6 Dimensions/Areas

Locate component(s) by station number.

Perform symmetry check.

7 Lifting and Shoring

Assist in:

Jack aircraft nose or tail wheel.

Jack complete aircraft.

Sling or trestle major component.

8 Levelling/Weighing

Level aircraft.

Weigh aircraft.

Prepare W & B amendment.

Check aircraft against equipment list.

9 Towing and Taxiing

Tow aircraft.

Be part of aircraft towing team.

10 Parking and mooring

Tie down aircraft.

Park, secure and cover aircraft.

Position aircraft in dock.

Secure rotor blades.

11 Placards and Markings

Check aircraft for correct placards.

Check aircraft for correct markings.

12 Servicing

Refuel aircraft.

Defuel aircraft.

Check tire pressures.

Check oil level.

Check hydraulic fluid level.

Check accumulator pressure.

Charge pneumatic system.

Grease aircraft.

Connect ground power.

Service toilet/water system

Perform pre-flight/daily check

18 Vibration and Noise Analysis

Analyse helicopter vibration problem.

Analyse noise spectrum.

21 Air Conditioning

Replace combustion heater.

Replace outflow valve.

Replace vapour cycle unit.

Replace air cycle unit.

Replace cabin blower.

Replace heat exchanger.

Replace pressurisation controller.

Clean outflow valves.

Check operation of air conditioning/heating system

Check operation of pressurisation system

Troubleshoot faulty system

22 Auto flight

Install servos.

Rig bridle cables

Replace controller.

Replace amplifier.

Check operation of auto-pilot.

Check operation of auto-throttle.

Check operation of yaw damper.

Check and adjust servo clutch.

Perform autopilot gain adjustments.

Perform mach trim functional check.

Troubleshoot faulty system.

Check autoland system

Check flight management systems

Check stability augmentation system

23 Communications

Replace VHF com unit.

Replace HF com unit.

Replace existing antenna.

Replace static discharge wicks.

Check operation of radios.

Perform antenna VSWR check.

Perform Selcal operational check.

Perform operational check of passenger address system.

Functionally check audio integrating system.

Repair co-axial cable.

Troubleshoot faulty system.

24 Electrical Power

Charge lead/acid battery.

Charge ni-cad battery.

Check battery capacity.

Deep-cycle ni-cad battery.

Replace generator/alternator.

Replace switches.

Replace circuit breakers.

Adjust voltage regulator.

Amend electrical load analysis report.

Repair/replace electrical feeder cable.

Troubleshoot faulty system

25 Equipment/Furnishings

Appendix 2 - List of Typical Tasks by ATA Chapter

- Replace carpets
 - Replace crew seats.
 - Replace passenger seats.
 - Check inertia reels.
 - Check seats/belts for security.
 - Check emergency equipment.
 - Check ELT for compliance with regulations.
 - Repair toilet waste container.
 - Repair upholstery.
 - Change cabin configuration.
- 26 Fire protection**
- Check fire bottle contents.
 - Check operation of warning system.
 - Check cabin fire extinguisher contents.
 - Check lavatory smoke detector system.
 - Install new fire bottle.
 - Replace fire bottle squib.
 - Troubleshoot faulty system.
 - Inspect engine fire wire detection systems
- 27 Flight Controls**
- Replace horizontal stabiliser.
 - Replace elevator.
 - Replace aileron.
 - Replace rudder.
 - Replace trim tabs.
 - Install control cable and fittings.
 - Replace flaps.
 - Replace powered flying control unit
 - Replace flap actuator
 - Adjust trim tab.
 - Adjust control cable tension.
 - Check control range and sense of movement.
- Check for correct assembly and locking.
- Troubleshoot faulty system.
- 28 Fuel**
- Replace booster pump.
 - Replace fuel selector.
 - Replace fuel tank cells.
 - Check filters.
 - Flow check system.
 - Check calibration of fuel quantity gauges.
 - Check operation feed/selectors
 - Troubleshoot faulty system.
- 29 Hydraulics**
- Replace engine driven pump.
 - Replace standby pump.
 - Replace accumulator.
 - Check operation of shut off valve.
 - Check filters.
 - Check indicating systems.
 - Perform functional checks.
 - Troubleshoot faulty system.
- 30 Ice and rain protection**
- Replace pump.
 - Replace timer.
 - Install wiper motor.
 - Check operation of systems.
 - Troubleshoot faulty system.
- 31 Indicating/recording systems**
- Replace flight data recorder.
 - Replace cockpit voice recorder.
 - Replace clock.
 - Replace master caution unit.
 - Replace FDR.
 - Perform FDR data retrieval.
 - Troubleshoot faulty system.
 - Implement ESDS procedures
 - Inspect for HIRF requirements
- 32 Landing Gear**
- Build up wheel.
 - Replace main wheel.
 - Replace nose wheel.
 - Replace shimmy damper.
 - Rig nose wheel steering.
 - Replace shock strut seals.
 - Replace brake unit.
 - Replace brake control valve.
 - Bleed brakes.
 - Test anti skid unit.
 - Test gear retraction.
 - Change bungees.
 - Adjust micro switches.
 - Charge struts.
 - Troubleshoot faulty system.
 - Test outbrake system
- 33 Lights**
- Repair/replace rotating beacon.
 - Repair/replace landing lights.
 - Repair/replace navigation lights.
 - Repair/replace interior lights.
 - Repair/replace emergency lighting system.
 - Perform emergency lighting system checks.
 - Troubleshoot faulty system
- 34 Navigation**
- Calibrate magnetic direction indicator.

Appendix 2 - List of Typical Tasks by ATA Chapter

- Replace airspeed indicator.
 - Replace altimeter.
 - Replace air data computer.
 - Replace VOR unit.
 - Replace ADI.
 - Replace HSI.
 - Check pitot static system for leaks.
 - Check operation of directional gyro.
 - Functional check weather radar.
 - Functional check Doppler.
 - Functional check TCAS.
 - Functional check DME
 - Functional check ATC Transponder
 - Functional check flight director system.
 - Functional check inertial nav system.
 - Complete quadrantal error correction of ADF system.
 - Update flight management system database.
 - Check calibration of pitot static instruments.
 - Check calibration of pressure altitude reporting system.
 - Troubleshoot faulty system
 - Check marker systems
 - Compass replacement direct/indirect
 - Check Satcom
 - Check GPS
 - Test AVM
- 35 Oxygen**
- Inspect on board oxygen equipment.
 - Purge and recharge oxygen system.
 - Replace regulator.
 - Replace oxygen generator.
 - Test crew oxygen system.
- Perform auto oxygen system deployment check.
- Troubleshoot faulty system.
- 36 Pneumatic systems**
- Replace filter.
 - Replace compressor.
 - Recharge dessicator.
 - Adjust regulator.
 - Check for leaks.
 - Troubleshoot faulty system.
- 37 Vacuum systems**
- Replace vacuum pump.
 - Check/replace filters.
 - Adjust regulator.
 - Troubleshoot faulty system.
- 38 Water/Waste**
- Replace water pump.
 - Replace tap.
 - Replace toilet pump.
 - Troubleshoot faulty system.
- 45 Central Maintenance System**
- Retrieve data from CMU.
 - Replace CMU.
 - Perform Bite check.
 - Troubleshoot faulty system.
- 49 Airborne Auxiliary power**
- Install APU.
 - Inspect hot section.
 - Troubleshoot faulty system.
- 51 Structures**
- Sheet metal repair.
 - Fibre glass repair.
 - Wooden repair.
 - Fabric repair.
 - Recover fabric control surface.
 - Treat corrosion.
- Apply protective treatment.
- 52 Doors**
- Rig/adjust locking mechanism.
 - Adjust air stair system.
 - Check operation of emergency exits.
 - Test door warning system.
 - Troubleshoot faulty system.
- 56 Windows**
- Replace windshield.
 - Replace window.
 - Repair transparency.
- 57 Wings**
- Skin repair.
 - Recover fabric wing.
 - Replace tip.
 - Replace rib.
 - Check incidence/rig.
- 61 Propeller**
- Assemble prop after transportation.
 - Replace propeller.
 - Replace governor.
 - Adjust governor.
 - Perform static functional checks.
 - Check operation during ground run.
 - Check track.
 - Check setting of micro switches.
 - Dress out blade damage.
 - Dynamically balance prop.
 - Troubleshoot faulty system.
- 62 Main Rotors**

Appendix 2 - List of Typical Tasks by ATA Chapter

- Install rotor assembly.
 - Replace blades.
 - Replace damper assembly.
 - Check track.
 - Check static balance.
 - Check dynamic balance.
 - Troubleshoot.
- 63 Rotor Drive**
- Replace mast.
 - Replace drive coupling.
 - Replace clutch/freewheel unit
 - Replace drive belt.
 - Install main gearbox.
 - Overhaul main gearbox.
 - Check gearbox chip detectors.
- 64 Tail Rotors**
- Install rotor assembly.
 - Replace blades.
 - Troubleshoot.
- 65 Tail Rotor Drive**
- Replace bevel gearbox.
 - Replace universal joints.
 - Overhaul bevel gearbox.
 - Install drive assembly.
 - Check chip detectors.
- 67 Rotorcraft flight controls**
- Install swash plate.
 - Install mixing box.
 - Adjust pitch links.
 - Rig collective system.
 - Rig cyclic system.
 - Rig anti-torque system.
 - Check controls for assembly and locking.
 - Check controls for operation and sense.
- Troubleshoot faulty system.
- 71 Power Plant**
- Build up ECU.
 - Replace engine.
 - Repair cooling baffles.
 - Repair cowling.
 - Adjust cowl flaps.
 - Repair faulty wiring.
 - Troubleshoot.
- 72 Piston Engines**
- Remove/install reduction gear.
 - Check crankshaft run-out.
 - Check tappet clearance.
 - Check compression.
 - Extract broken stud.
 - Install helicoil.
 - Perform ground run.
 - Establish/check reference RPM.
 - Troubleshoot.
- 72 Turbine Engines**
- Replace module.
 - Hot section inspection.
 - Engine ground run.
 - Establish reference power.
 - Trend monitoring/gas path analysis.
 - Troubleshoot.
- 73 Fuel and control, piston**
- Replace engine driven pump.
 - Adjust AMC.
 - Adjust ABC.
 - Install carburettor/injector.
 - Adjust carburettor/injector.
 - Clean injector nozzles.
 - Replace primer line.
 - Check carburettor float setting.
 - Troubleshoot faulty system.
- 73 Fuel and control, turbine**
- Replace FCU.
 - Replace engine driven pump.
 - Clean/test fuel nozzles.
 - Clean/replace filters.
 - Adjust FCU.
 - Troubleshoot faulty system.
- 74 Ignition systems, piston**
- Change magneto.
 - Change ignition vibrator.
 - Change plugs.
 - Test plugs.
 - Check H.T. leads.
 - Install new leads.
 - Check timing.
 - Check system bonding.
 - Troubleshoot faulty system.
- 74 Ignition systems, turbine**
- Check glow plugs/igniters.
 - Check H.T. leads.
 - Check ignition unit.
 - Replace ignition unit.
 - Troubleshoot faulty system.
- 76 Engine Controls**
- Rig thrust lever.
 - Rig RPM control.
 - Rig mixture HP cock lever.
 - Rig power lever.
 - Check control sync (multi-eng).
 - Check controls for correct assembly and locking.
 - Check controls for range and sense of operation.
 - Adjust pedestal micro-switches.
 - Troubleshoot faulty system.
- 77 Engine Indicating**

Appendix 2 - List of Typical Tasks by ATA Chapter

Replace engine instruments(s).
Replace oil temperature bulb.
Replace thermocouples.
Check calibration.
Troubleshoot faulty system.

78 Exhaust, piston

Replace exhaust gasket.
Inspect welded repair.
Pressure check cabin heater muff.
Troubleshoot faulty system.

78 Exhaust, turbine

Change jet pipe.
Change shroud assembly.
Install trimmers.

79 Oil

Change oil.
Check filter(s).
Adjust pressure relief valve.
Replace oil tank.
Replace oil pump.
Replace oil cooler.
Replace firewall shut off valve.
Perform oil dilution.
Troubleshoot faulty system.

80 Starting

Replace starter.
Replace start relay.
Replace start control valve.
Check cranking speed.
Troubleshoot faulty system.

81 Turbines, piston engines

Replace PRT.
Replace turbo-blower.
Replace heat shields.
Replace waste gate.
Adjust density controller.

82 Engine water injection

Replace water/methanol pump.
Flow check water/methanol system.
Adjust water/methanol control unit.
Check fluid for quality.
Troubleshoot faulty system

83 Accessory gear boxes

Replace gearbox.
Replace drive shaft.
Check chip detector.