

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



According to AMC 66.A.45(d) Type/task training and ratings:

Type experience should cover an acceptable cross section of tasks from Appendix II. For the first aircraft type of each manufacturer group, at least 50% of the Appendix II tasks, as applicable to the concerned aircraft type and licence category, should be performed. For the second aircraft type of each manufacturer group, this should be reduced to 30%. For subsequent aircraft types of each manufacturer group, this should be reduced to 20%.

General:

Maintenance tasks marked with **M** are **“Mandatory Task”**. Mandatory Maintenance tasks must be performed by the applicant. Maintenance tasks marked with **O** are **“Optional Task”**. Optional Maintenance tasks are recommended to be performed by the applicant.

General dates

Name trainee :		Aircraft Type :	
Date of Birth :		Aircraft registration :	

Please tick on witch group and aircraft construction (structure) the practical experience will be performed:

Aircraft group (s)	Aircraft construction (structure)	
	pressurised aircraft : ____	composite structure aircraft : ____
Practical experience for group 2 aircraft : ____	metal structure aircraft : ____	wooden structure aircraft : ____
Practical experience for group 3 aircraft : ____	aircraft with metal tubing structure covered with fabric : ____	

Name of Maintenance Organisation	Approval reference number of Maintenance Organisation	Signature of accountable or technical manager

Name of Supervisor	Name of Assessor	Position, Organisation, Approval No/ Licence Number	Signature sample	Assessment started (date)	Assessment completed (date)

Date	Competence obtained	CAT	Trainee Signature	Supervisor Signature	Assessor Signature
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ATA 05 Time limits/Maintenance checks

M	Perform job preparation for 100/ annual hour check. (general aviation aircraft)	All			
O	Perform job preparation of an “B” or “C” check. (transport category aircraft)	B1.1, B1.2, B2			

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O	Assist carrying out a scheduled maintenance check i.a.w. AMM. or any other manufacturer information's.	All			
M	Review aircraft maintenance log's for correct completion.	All			
M	Review records for compliance with airworthiness directives.	All			
M	Review records for compliance with service bulletins, service information's, service letters and other available manufacturer Maintenance dater's / Information's.	All			
O	Review records for compliance with component life limits.	All			
O	Perform job preparation for unscheduled maintenance Inspections according aircraft manufacturer Maintenance dater's / Information's.	All			
M	Example: Procedure for Inspection following heavy landing.	B1.1, B1.2, B1.3, B1.4, B2			
M	Example: Procedure for Inspection following lightning strike.	B1.1, B1.2, B1.3, B1.4, B2			
M	Perform at least one unscheduled maintenance Inspection according aircraft manufacturer Maintenance dated / Information's. See Page 25: Note detailed each preformed Unscheduled maintenance Inspections.	All			
ATA 06 Dimensions/Areas					
M	Locate component(s) by station number.	All			
M	Perform deduction of possible damages by using station number – diagram	All			
O	Perform symmetry check.	B1.1, B1.2, B1.3, B1.4			
ATA 07 Lifting and Shoring					
O	Jack aircraft nose - tail wheel.	All			
M	Jack complete aircraft.	All			
O	Sling or trestle major component.	All			
ATA 08 Levelling/Weighing					
M	Preform Level of the aircraft.	All			
O	Preform Weighting of the aircraft.	All			
M	Preform weight and balance of flight control surfaces.	B1.1, B1.2			
M	Preform weight and balance. (amendment)	B1.1, B1.2			
O	Check aircraft against equipment list (According Aircraft AFM or MEL or other manufacturer documents)	All			
ATA 09 Towing and Taxiing					
O	Prepare for aircraft towing/ handling.	All			

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O	Preform towing/ handling of the aircraft.	All			
O	Be part of aircraft towing team.	All			
ATA 10 Parking and mooring					
O	Tie down aircraft.	All			
M	Park, secure and cover aircraft.	All			
M	Position aircraft in maintenance dock.	All			
M	Secure Main and Tail rotor blades.	All			
ATA 11 Placards and Markings					
M	Check aircraft for correct placards.	All			
M	Check aircraft for correct markings.	All			
ATA 12 Servicing					
O	Refuel aircraft.	All			
O	Defuel aircraft.	All			
M	Carry out tank to tank fuel transfer.	All			
M	Check/adjust tire pressures.	All			
M	Check/replenish oil level.	All			
M	Check/replenish hydraulic fluid level.	B1.1, B1.2			
O	Check/replenish water fluid level.	All			
M	Check/replenish accumulator pressure.	All			
O	Charge pneumatic/Oxygen system.	B1.1, B1.2			
M	Preform servicing of Hydraulic shockabsorbes/ cylinder's (Landing gear System/ Rotor System)	B1.1, B1.2, B1.3, B1.4			
M	Grease aircraft.	B1.1, B1.2, B1.3, B1.4			
M	Connect ground power.	All			
O	Service toilet/water system	B1.1, B1.2			
M	Perform pre-flight/daily check	All			
M	Preform power on test / Switch-on airplane Systems to perform all items according pre-flight/daily or Maintenance check's according AFM or AMM. Note: Describe all performed task's detail after Page behind 25	All			
ATA 18 Vibration and Noise Analysis					
M	Analyse helicopter vibration problems.	B1.3, B1.4			
O	Analyse noise spectrum.	B1.1, B1.2, B1.3, B1.4			

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M	Analyse engine vibration.	B1.1, B1.2, B1.3, B1.4			
M	Preform Rotor Tracing and Vibration check	B1.3, B1.4			
M	Preform Propeller/ Blower balancing (Vibration check)	B1.1, B1.2			
M	Preform engine vibration check	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of vibration absorber's and or shock-mount	All			
ATA 21 Air Conditioning					
O	Replace/Install combustion heater.	B1.1, B1.2, B1.3, B1.4			
O	Replace/Install outflow valve.	B1.1, B1.2, B1.3, B1.4			
O	Replace flow control valve.	B1.1, B1.2, B1.3, B1.4			
O	Replace/Install vapour cycle unit.	B1.1, B1.2, B1.3, B1.4			
O	Replace/Install air cycle unit.	B1.1, B1.2, B1.3, B1.4			
O	Replace/Install cabin blower.	B1.1, B1.2, B1.3, B1.4			
O	Replace/Install heat exchanger.	B1.1, B1.2, B1.3, B1.4			
O	Replace/Install pressurisation controller.	B1.1, B1.2, B1.3, B1.4			
M	Clean outflow valves.	B1.1, B1.2, B1.3, B1.4			
O	Deactivate/reactivate cargo isolation valve.	B1.1, B1.2, B1.3, B1.4			
M	Check operation of air conditioning/heating system	B1.1, B1.2, B1.3, B1.4			
M	Deactivate/reactivate avionics ventilation components.	B1.1, B1.2, B1.3, B1.4			
M	Check operation of pressurisation system	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system	B1.1, B1.2, B1.3, B1.4			
M	Perform detailed introduction to Air Conditioning System acc. AMM or any other manufacturer information's especially in reflection to all electrical components or units of the system.	B2			
M	Perform detailed introduction to Air Conditioning/Heater System acc. AMM or any other manufacturer information.	B1.1, B1.2, B1.3, B1.4			
ATA 22 Auto flight					
M	Perform detailed introduction to auto flight system acc. AMM or any other manufacturer information especially in reflection to all	B2			

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	electrical components or units.				
O	Replace/ Install servos.	All			
M	Perform Adjustments on servos.	All			
M	Perform Inspection, Adjustment of Rig bridle cables	All			
O	Replace/Install controller.	All			
	Replace/Install amplifier.	All			
O	Replacement of the auto flight system LRUs in case of fly-by-wire aircraft.	B2			
M	Check operation of auto-pilot.	All			
M	Perform relevant electrical test, adjustment of auto-pilot system acc. AMM	B2			
M	Check operation of auto-throttle/auto-thrust.	All			
M	Perform relevant electrical test, adjustment of auto-throttle/auto-thrust system acc. AMM	B2			
O	Check – perform operation/ adjustment of yaw damper.	B1.1, B1.2, B1.3, B1.4			
O	Perform relevant electrical test, operation, adjustment of yaw damper system acc. AMM	B2			
O	Check – perform operation/ adjustment of pitch damper.	B1.1, B1.2, B1.3, B1.4			
O	Perform relevant electrical test, operation, adjustment of pitch damper system acc. AMM	B2			
O	Check – perform operation/ adjustment of roll damper.	B1.1, B1.2, B1.3, B1.4			
O	Perform relevant electrical test, operation, adjustment of roll damper system acc. AMM	B2			
M	Check and adjust servo clutch.	All			
M	Perform autopilot gain adjustments.	All			
M	Perform mach trim functional check.	B1.1, B1.2			
M	Troubleshoot faulty system.	All			
M	Check auto land system	B2			
M	Check flight management systems	All			
M	Check stability augmentation system	All			
ATA 23 Communications					
M	Perform detailed introduction to communication System acc. AMM or any other manufacturer information (pay close attention to)all electrical components or units.	B2			
O	Replace/Install VHF com unit.	B2			

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O	Replace/Install HF com unit.	B2			
O	Replace/Install existing antenna.	B2			
O	Replace/Install static discharge wicks.	B2			
M	Check operation of radios. Example : Perform check AFM, AMM	All			
M	Perform antenna VSWR check.	B2			
M	Perform radio check according Austrian LTH 40	B2			
M	Perform Selcal operational check.	B2			
O	Perform operational check of passenger address system.	B2			
O	Functionally check audio integrating system.	B2			
M	Replace/Install / Repair co-axial cable.	B2			
M	Troubleshoot faulty system.	B2			
ATA 24 Electrical Power					
M	Perform detailed introduction of electrical power System acc. AMM or any other manufacturer information especially in reflection to all electrical components or units.	B2			
M	Charge lead/acid battery.	All			
M	Charge ni-cad battery.	All			
M	Check battery capacity.	All			
M	Deep-cycle ni-cad battery.	All			
O	Replace/ Install integrated drive or generator and or alternator.	All			
M	Perform check of an generator/alternator	All			
M	Replace / Install switches and connectors	B1.1, B1.2, B1.3, B1.4			
M	Repair /Replace / Install switches and connectors.	B2			
M	Replace/ Install circuit breakers.	All			
M	Perform functional check/ adjustment 's of voltage regulator.	All			
O	Replace/ install voltage regulator.	All			
O	Amend electrical load analysis report.	B2			
M	Repair/replace electrical feeder cable.	B2			
M	Install /replace electrical feeder cable.	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection, repair/ replacement/ installation of electrical cables, connectors and any other electrical basic components acc. AMM or any other manufacturer information , or AC 43.13 or	B2			

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	FAR 43 Annex E,F				
M	Troubleshoot faulty system	All			
M	Perform functional check of integrated drive/ generator/ alternator.	All			
M	Perform functional check/ adjustments of integrated drive/generator/alternator.	B2			
M	Perform functional check of voltage regulator.	All			
M	Perform functional check of emergency generation system.	All			
M	Perform functional check/ adjustment 's of emergency generation system.	B2			
M	Perform standard maintenance inspection, repair/ replacement/ installation of electrical wire, connector's according to AMM or any other manufacturer information's , or AC 43.13.	B1.1, B1.2, B1.3, B1.4			
ATA 25 Equipment/Furnishings					
O	Replace/ Install carpets	All			
O	Replace/ Install crew seats.	B1.1, B1.2, B1.3, B1.4			
O	Replace/ Install passenger seats.	B1.1, B1.2, B1.3, B1.4			
O	Check inertia reels.	B1.1, B1.2, B1.3, B1.4			
M	Check seats/belts for security.	All			
O	Check emergency equipment. Example: First Aid Kit....etc.	All			
M	Check ELT for compliance with regulations.	B2			
M	Preform ELT functional check	All			
O	Repair toilet waste container.	B1.1, B1.2			
O	Remove and install ceiling and sidewall panels.	All			
O	Repair upholstery.	B1.1, B1.2, B1.3, B1.4			
O	Change cabin configuration.	All			
O	Replace cargo loading system actuator.	B1.1, B1.2			
O	Test cargo loading system.	B1.1, B1.2			
O	Replace escape slides/ropes.	B1.1, B1.2			
ATA 26 Fire protection					
M	Check fire bottle contents.	All			
M	Check/test operation of fire/smoke detection and warning system.	All			
M	Check cabin fire extinguisher contents.	All			

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	Example: Portable fire extinguisher....				
O	Check lavatory smoke detector system.	B1.1, B1.2			
M	Check/test operation of fire/smoke detection and warning system.	All			
O	Replace / Install fire bottle squib.	All			
M	Replace / Install new fire bottle.	B1.1, B1.2, B1.3			
M	Troubleshoot faulty system.	All			
M	Inspect engine fire wire detection systems	All			
ATA 27 Flight Controls					
M	Perform detailed introduction to flight control system acc. AMM or any other manufacturer information's especially in reflection to all electrical components or units of the system.	B2			
M	Inspect primary flight controls and related components i.a.w. AMM.	B1.1, B1.2, B1.3, B1.4			
O	Extending/ retracting flaps & slats.	B1.1, B1.2			
O	Replace/ Install horizontal or vertical stabiliser	B1.1, B1.2, B1.3, B1.4			
O	Replace/ install spoiler/lift damper.	B1.1, B1.2			
O	Replace/ install elevator.	B1.1, B1.2			
M	Deactivation/ reactivation of aileron, rudder and or elevator servo control.	B1.1, B1.2			
O	Replace/ Install aileron.	B1.1, B1.2			
O	Replace/ Install rudder.	B1.1, B1.2			
O	Replace/ Install trim tabs.	B1.1, B1.2			
M	Replace/ Install control cable and fittings.	B1.1, B1.2, B1.3, B1.4			
O	Replace/ Install flaps.	B1.1, B1.2			
O	Replace/ Install powered flying control unit.	B1.1, B1.2, B1.3, B1.4			
O	Replace/ Install flap actuator.	B1.1, B1.2, B1.3, B1.4			
M	Rig/ Adjustment of flight controls.	B1.1, B1.2, B1.3, B1.4			
M	Adjust trim tab.	B1.1, B1.2, B1.3, B1.4			
M	Inspect and adjust control cable tension.	B1.1, B1.2, B1.3, B1.4			
M	Check control range and direction of movement.	B1.1, B1.2, B1.3, B1.4			

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M	Check for correct assembly and locking.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	B1.1, B1.2, B1.3, B1.4			
M	Functional test of primary flight controls.	B1.1, B1.2, B1.3, B1.4			
M	Functional test of flap system.	B1.1, B1.2			
M	Operational test of the side stick assembly.	B1.1, B1.2			
O	Operational test of the THS.	B1.1, B1.2			
O	THS system wear check.	B1.1, B1.2			
M	Perform Inspection/ check of Control cables, pulley's.	B1.1, B1.2, B1.3, B1.4			
M	Perform Inspection of control tubes, connection devices (Forks , Eay bearings)	B1.1, B1.2, B1.3, B1.4			
M	Perform Adjustment of control tubes.(Basic Rigging)	B1.1, B1.2, B1.3, B1.4			
M	Perform Inspection/ Check of bell cranks, torque tubes, control tubes , spindles - actuators	B1.1, B1.2, B1.3, B1.4			
ATA 28 Fuel					
M	Perform a detailed introduction to fuel system acc. AMM or any other manufacturer information especially in compair to all electrical components or units of the system.	B2			
O	Replace /Install booster pump.	B1.1, B1.2, B1.3, B1.4			
O	Perform check of water drain system (operation).	B1.1, B1.2, B1.3, B1.4			
O	Replace /Install fuel selector.	B1.1, B1.2, B1.3, B1.4			
M	Perform Inspection of fuel selector.	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of fuel lines, hoses and tubing.	All			
O	Replace /Install fuel tank cells.	B1.1, B1.2, B1.3, B1.4			
M	Perform Inspection of fuel tank cells.	B1.1, B1.2, B1.3, B1.4			
M	Replace /Install /test fuel control valves.	B1.1, B1.2, B1.3, B1.4			
M	Replace /Install magnetic fuel level indicators.	All			
O	Replace /Install water drain valve.	B1.1, B1.2, B1.3, B1.4			
O	Check/calculate fuel contents manually.	B1.1, B1.2,			

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		B1.3, B1.4			
M	Check filters.	B1.1, B1.2, B1.3, B1.4			
M	Perform flow check of fuel system.	All			
M	Check calibration/ Adjustment of fuel quantity gauges.	All			
M	Check calibration/ Adjustment of fuel quantity gauges. (just for integrated electronic. System's)	B2			
M	Check operation feed/selectors.	B1.1, B1.2, B1.3, B1.4			
O	Check operation of fuel dump/jettison system.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	All			
M	Fuel transfer between tanks.	All			
O	Perform Pressure defuel or fueling.	B1.1, B1.2			
O	Pressure refuel (manual control).	All			
O	Deactivation/reactivation of the fuel valves (transfer defuel, X-feed, refuel).	All			
ATA 29 Hydraulics					
O	Replace engine driven pump.	B1.1, B1.2, B1.3, B1.4			
M	Perform a detailed introduction of hydraulic system acc. AMM or any other manufacturer information especially in reflection to all electrical components or units of the system.	B2			
M	Check/replace case drain filter.	B1.1, B1.2, B1.3, B1.4			
M	Replace /install / inspection standby pump.	B1.1, B1.2, B1.3, B1.4			
M	Replace / install / inspection hydraulic motor pump/generator.	B1.1, B1.2, B1.3, B1.4			
M	Replace/ install / inspection accumulator.	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of hydraulic lines, hoses and tubing.	B1.1, B1.2, B1.3, B1.4			
M	Check operation of shut off valve.	B1.1, B1.2, B1.3, B1.4			
M	Check filters/ clog system and indicator.	All			
M	Check indicating systems.	All			
M	Pressurization/depressurization of the hydraulic system.	B1.1, B1.2, B1.3, B1.4			
O	Power Transfer Unit (PTU) operation.	B1.1, B1.2, B1.3, B1.4			

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O	Replacement /Install of PTU.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	All			
ATA 30 Ice and rain protection					
O	Perform Replace/ installation , inspection of pump.	B1.1, B1.2			
M	Perform a detailed introduction of Ice and rain protection system acc. AMM or any other manufacturer information's especially in reflection to all electrical components or units of the system.	B2			
O	Replace/ install timer.	B2			
O	Inspect repair propeller or wing deice boot.	B1.1, B1.2			
O	Replace/ Install wiper motor.	All			
M	Test propeller de-icing system.	B1.1, B1.2			
M	Inspect/test wing leading edge de-icer boot.	All			
O	Replace anti-ice/deice valve.	B1.1, B1.2			
M	Check operation of systems.	B1.1, B1.2			
M	Operational test of the pitot-probe ice protection.	All			
M	Operational test of the TAT ice protection.	B1.1, B1.2			
M	Operational test of the wing ice protection system.	B1.1, B1.2			
O	Assistance to the operational test of the engine air-intake ice protection (with engines operating).	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of Ice and rain dedection probes	All			
M	Perform inspection of lines, hoses and tubing of liquid ice protection systems.	B1.1, B1.2			
M	Troubleshoot faulty system.	All			
ATA 31 Indicating/recording systems					
M	Replace/ install flight data recorder.	B2			
M	Replace/ Install cockpit voice recorder.	B2			
O	Replace/ Install clock.	All			
M	Replace/ Install master caution unit.	B2			
O	Replace/ Install FDR.	B2			
O	Perform FDR data retrieval.	B2			
M	Troubleshoot faulty system.	All			
M	Implement ESDS procedures.	B2			

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



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General:

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M	Start/stop EIS procedure.	B2			
M	Bite test of the CFDIU.	B1.1, B1.2			
M	Ground scanning of the central warning system.	All			
O	Inspect for HIRF requirements.	B2			
M	Perform inspection of correct marking of indicators.	All			
M	Replace/ Install indicators	All			
ATA 32 Landing Gear					
O	Build up wheel.	B1.1, B1.2, B1.3			
M	Replace/ Install main wheel.	B1.1, B1.2, B1.3			
M	Perform inspection of Wheel's (Tube, Tier, Wheel half's, bearings ...)	B1.1, B1.2, B1.3			
M	Perform lubrication of Wheel bearings	B1.1, B1.2, B1.3			
M	Perform inspection of break discs	B1.1, B1.2, B1.3			
O	Replace/ Install nose or tail wheel.	B1.1, B1.2, B1.3			
M	Perform Inspection of Break tubing, lines and or hose's	B1.1, B1.2, B1.3			
O	Replace/ Install steering actuator.	B1.1, B1.2			
O	Replace/ Install truck tilt actuator.	B1.1, B1.2			
O	Replace/ Install gear retraction actuator.	B1.1, B1.2, B1.3			
O	Replace/ Install unlock/down lock assembly.	B1.1, B1.2, B1.3			
M	Replace/ Install/ servicing shimmy damper.	B1.1, B1.2, B1.3			
M	Rig nose wheel steering.	B1.1, B1.2, B1.3			
M	Functional test of the nose and or tail wheel steering system.	B1.1, B1.2, B1.3			
M	Replace/ Install shock strut seals.	B1.1, B1.2, B1.3, B1.4			
M	Servicing of shock strut.	B1.1, B1.2, B1.3, B1.4			
O	Replace/ Install brake unit.	B1.1, B1.2, B1.3			
M	Perform inspection of brake unit.	B1.1, B1.2, B1.3			

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O	Replace/ Install brake control valve.	B1.1, B1.2, B1.3			
M	Bleed brakes.	B1.1, B1.2, B1.3			
M	Test anti skid unit.	B1.1, B1.2			
O	Replace/ Install brake fan.	B1.1, B1.2			
M	Test gear retraction.	B1.1, B1.2, B1.3			
O	Change bungees.	B1.1, B1.2			
M	Adjust micro switches/sensors.	B1.1, B1.2, B1.3			
M	Perform servicing and Charge struts with oil and air.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	B1.1, B1.2, B1.3, B1.4			
M	Test auto - brake system.	B1.1, B1.2			
O	Replace rotorcraft skids.	B1.3, B1.4			
O	Replace rotorcraft skid shoes.	B1.3, B1.4			
O	Replace rotorcraft skid shoes.	B1.3, B1.4			
O	Pack and check floats.	B1.1, B1.2, B1.3, B1.4			
O	Flotation equipment.	B1.1, B1.2, B1.3, B1.4			
O	Check/test emergency blowdown (emergency landing gear extension).	B1.1, B1.2, B1.3			
M	Operational test of the landing gear doors.	B1.1, B1.2, B1.3			
M	Perform inspection of an helicopter under charge.	B1.3, B1.4			
ATA 33 Lights					
M	Repair/Install/ replace rotating beacon or flashlight.	All			
M	Repair/Install/ replace landing lights.	All			
M	Repair/Install/ replace instrument's lights.	All			
O	Repair/Install/ replace navigation lights.	All			
O	Repair/Install/ replace interior lights.	All			
O	Repair/ Install/ replace logo lights.	All			
O	Repair/ Install/ replace emergency lighting system.	All			
M	Perform emergency lighting system checks.	All			

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



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M	Troubleshoot faulty system.	All			
ATA 34 Navigation					
M	Calibrate magnetic direction indicator.	B2			
M	Perform detailed introduction to Navigation System acc. AMM or any other manufacturer information especially in reflection to all electrical components or units of the system.	B2			
M	Replace / Install airspeed indicator.	All			
M	Perform inspection and or change of instrument hoses and tubing.	All			
M	Perform inspection of instrument markings according AFM.	All			
M	Replace / Install altimeter.	All			
O	Replace / Install air data computer.	All			
M	Perform adjustment/ Testing of air data computer	B2			
O	Replace / Install VOR unit.	All			
O	Replace / Install ADI.	All			
O	Replace / Install HSI.	All			
M	Check pitot static system for leaks.	B2			
M	Check operation of directional gyro.	B2			
M	Functional check weather radar.	B2			
M	Functional check ADF.	B2			
M	Functional check VOR.	B2			
M	Perform Functional check of TCAS/ TAS .	B2			
M	Functional check DME.	B2			
M	Functional check ATC Transponder.	B2			
M	Functional check flight director system.	B2			
M	Functional check inertial nav system.	B2			
M	Complete quadrantal error correction of ADF system.	B2			
M	Update flight management system database.	B2			
M	Check calibration of pitot static instruments.	B2			
M	Check calibration of pressure altitude reporting system.	B2			
M	Troubleshoot faulty system.	All			
M	Check marker systems.	B2			

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



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M	Compass replacement/ installation of direct/indirect.	B2			
M	Perform functional check of Satcom.	B2			
M	Perform Inspection on Radar altimeter	B2			
M	Perform Inspection on EGPWS	B2			
M	Perform change of Navigation software	B2			
M	Perform functional check of GPS system.	All			
M	Perform Inspection of compass system	B2			
M	Perform compass swing check and adjustment of magnetic compass.	All			
M	Perform compass swing check and adjustment	B2			
M	Test AVSM.	B2			
ATA 35 Oxygen					
	Inspect on board oxygen equipment.	B1.1, B1.2			
M	Perform inspection of oxygen mask, bottle and regulator.	B1.1, B1.2			
M	Perform inspection of oxygen hoses and tubing.	B1.1, B1.2			
M	Purge and recharge oxygen system.	B1.1, B1.2			
O	Replace/ Install regulator.	B1.1, B1.2			
O	Replace / Install oxygen generator.	B1.1, B1.2			
M	Test crew oxygen system.	B1.1, B1.2			
M	Perform auto oxygen system deployment check.	B1.1, B1.2			
M	Troubleshoot faulty system.	B1.1, B1.2			
ATA 36 Pneumatic systems					
M	Replace/ install / inspect filter.	B1.1, B1.2, B1.3, B1.4			
O	Replace / install air shut off valve.	All			
O	Replace / install pressure regulating valve.	All			
O	Replace / install inspect compressor, pump.	All			
O	Recharge dessicator.	All			
M	Adjust regulator.	B2			
M	Check for leaks.	All			
M	Troubleshoot faulty system.	All			
M	Perform inspection of Pneumatic systems hoses and tubing.	All			

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



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ATA 37 Vacuum systems

O	Replace/ Install/ Inspect vacuum pump.	All			
M	Inspect the vacuum system i.a.w. AMM.	All			
M	Check/replace filters.	All			
M	Adjust regulator.	B2			
M	Troubleshoot faulty system.	All			
M	Perform inspection of Vacuum systems hoses and tubing.	All			

ATA 38 Water/Waste

O	Replace water pump.	B1.1, B1.2			
O	Perform inspection of Water/Waste systems hoses and tubing.	B1.1, B1.2			
O	Replace tap.	B1.1, B1.2			
O	Replace toilet pump.	B1.1, B1.2			
M	Troubleshoot faulty system.	B1.1, B1.2			
O	Perform water heater functional check.	B1.1, B1.2			
O	Inspect waste bin flap closure.	B1.1, B1.2			

ATA 45 Central Maintenance System

O	Retrieve data from CMU.	All			
O	Replace CMU.	All			
O	Perform Bite check.	All			
M	Troubleshoot faulty system.	B2			

ATA 49 Airborne Auxiliary power

M	Removal/installation, check of the APU.	B1.1, B1.2, B1.3			
O	Perform Removal / installation, check of the inlet guide-vane actuator.	B1.1, B1.2			
M	Operational test of the APU emergency shut-down test.	B1.1, B1.2			
M	Operational test of the APU.	All			

ATA 51 Structures

M	Assessment of damage.	B1.1, B1.2, B1.3, B1.4			
M	Perform repair of Sheet metal, composite, wooden and or metal tubing structur with fabric. (According AMM and or AC 43.13)	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection / Repair of losing rivets	B1.1, B1.2, B1.3, B1.4			

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



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M	Perform inspection of Fuselage component's	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of Wing component's	B1.1, B1.2			
M	Perform inspection of Empennage component's	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of main / tail rotor component's	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of drive train System.	B1.3, B1.4			
M	Perform inspection of main, tail rotor and or intermediate transmission system's	B1.3, B1.4			
M	Perform inspection of swash plate	B1.3, B1.4			
M	Perform inspection of hub system	B1.3, B1.4			
M	Perform inspection main and tail rotor blades	B1.3, B1.4			
M	Perform Fibre glass repair and inspection.	B1.1, B1.2, B1.3, B1.4			
M	Perform Wooden repair and inspection..	B1.1, B1.2, B1.3, B1.4			
M	Perform Fabric repair and inspection.	B1.1, B1.2, B1.3, B1.4			
M	Perform Recover fabric control surface.	B1.1, B1.2, B1.3, B1.4			
M	Treat corrosion.	B1.1, B1.2, B1.3, B1.4			
M	Apply protective treatment.	All			
ATA 52 Doors Rig/adjust locking mechanism.					
M	Inspect passenger door i.a.w. AMM.	B1.1, B1.2, B1.3, B1.4			
M	Rig/adjust locking mechanism.	B1.1, B1.2, B1.3, B1.4			
O	Adjust air stair system.	B1.1, B1.2			
M	Check operation of emergency exits.	B1.1, B1.2, B1.3, B1.4			
M	Test door warning system.	B1.1, B1.2, B1.3, B1.4			
O	Troubleshoot faulty system.	All			
O	Remove and install passenger door i.a.w. AMM.	B1.1, B1.2, B1.3, B1.4			
O	Remove and install emergency exit i.a.w. AMM.	B1.1, B1.2, B1.3, B1.4			
M	Inspect cargo door i.a.w. AMM.	B1.1, B1.2, B1.3, B1.4			

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ATA 56 Windows

O	Replace / Install windshield.	B1.1, B1.2, B1.3, B1.4			
O	Replace / Install cabin window.	B1.1, B1.2, B1.3, B1.4			
M	Repair transparency.	B1.1, B1.2, B1.3, B1.4			
O	Replace direct vision window.	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of windows	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection sealing.	B1.1, B1.2, B1.3, B1.4			
M	Perform cleaning of windows	B1.1, B1.2, B1.3, B1.4			

ATA 57 Wings

M	Perform Skin repair.	B1.1, B1.2			
M	Recover fabric wing.	B1.1, B1.2			
M	Perform test, inspection of fabric covering.	B1.1, B1.2			
M	Replace/ install tip.	B1.1, B1.2			
O	Replace/ install rib.	B1.1, B1.2			
M	Perform inspection of wing structure.	B1.1, B1.2			
M	Check incidence/rig.	B1.1, B1.2			
O	Replace /Install integral fuel tank panel.	B1.1, B1.2			

ATA 61 Propeller

O	Assemble prop after transportation.	B1.1, B1.2			
M	Replace /Install propeller	B1.1, B1.2			
M	Perform propeller Adjusts. (Basic adjustment's)	B1.1, B1.2			
M	Replace /Install governor.	B1.1, B1.2			
M	Perform governor Adjusts.	B1.1, B1.2			
M	Perform static functional checks.	B1.1, B1.2			
M	Check operation during ground run.	B1.1, B1.2			
M	Check track.	B1.1, B1.2			
M	Check setting of micro switches.	B1.1, B1.2			
M	Assessment of propeller – blade damage i.a.w. AMM.	B1.1, B1.2			
M	Dynamically balance prop –blade.	B1.1, B1.2			

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M	Troubleshoot faulty system.	B1.1, B1.2			
M	Perform inspection on propeller blades	B1.1, B1.2			
ATA 62 Main Rotors					
M	Replace/ Install rotor / main rotor blade assembly.	B1.3, B1.4			
M	Assessment of rotor blade damage i.a.w. AMM.	B1.3, B1.4			
M	Replace/ Install damper assembly.	B1.3, B1.4			
M	Check track.	B1.3, B1.4			
M	Perform rotor blade Adjusts. (Basic adjustment's)	B1.3, B1.4			
M	Check static balance.	B1.3, B1.4			
M	Check dynamic balance.	B1.3, B1.4			
M	Troubleshoot.	B1.3, B1.4			
ATA 63 Rotor Drive					
M	Replace/ Install, inspect mast.	B1.3, B1.4			
M	Replace/ Install , inspect drive coupling.	B1.3, B1.4			
M	Replace/ Install inspect clutch/freewheel unit	B1.3, B1.4			
M	Replace/ Install inspect drive belt.	B1.3, B1.4			
M	Replace/ Install inspect main gearbox.	B1.3, B1.4			
O	Overhaul main gearbox. Perform scheduled inspection on main gearbox i.a. AMM	B1.3, B1.4			
M	Perform inspection of a gearbox after overhaul and or change of major components of gearbox.	B1.3, B1.4			
M	Perform change of gearbox oil and inspection of oil filter	B1.3, B1.4			
M	Perform an inspection on a contaminated (chip's) filter	B1.3, B1.4			
M	Check gearbox chip detectors.	B1.3, B1.4			
ATA 64 Tail Rotors					
M	Replace/ Install rotor assembly.	B1.3, B1.4			
M	Replace/ Install blades.	B1.3, B1.4			
M	Assessment of rotor blade damage i.a.w. AMM.	B1.3, B1.4			
M	Replace/ Install damper assembly.	B1.3, B1.4			
M	Check track.	B1.3, B1.4			
M	Perform rotor blade Adjusts. (Basic adjustment's)	B1.3, B1.4			
M	Check static balance.	B1.3, B1.4			
M	Check dynamic balance.	B1.3, B1.4			

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M	Troubleshoot.	B1.3, B1.4			
ATA 65 Tail Rotor Drive					
M	Replace/ Install bevel gearbox.	B1.3, B1.4			
M	Replace/ Install universal joints.	B1.3, B1.4			
O	Overhaul bevel gearbox. Perform scheduled inspection on bevel gearbox i.a. AMM	B1.3, B1.4			
M	Install drive assembly.	B1.3, B1.4			
M	Check chip detectors.	B1.3, B1.4			
M	Check/install bearings and hangers.	B1.3, B1.4			
M	Check/service/assemble flexible couplings.	B1.3, B1.4			
M	Check alignment of drive shafts.	B1.3, B1.4			
M	Install and rig drive shafts.	B1.3, B1.4			
ATA 67 Rotorcraft flight controls					
M	Replace/ Install swash plate.	B1.3, B1.4			
M	Replace/ Install inspect mixing box.	B1.3, B1.4			
M	Adjust pitch links.	B1.3, B1.4			
M	Rig collective system.	B1.3, B1.4			
M	Rig cyclic system.	B1.3, B1.4			
M	Rig anti-torque system.	B1.3, B1.4			
M	Check controls for assembly and locking.	B1.3, B1.4			
M	Check controls for operation and sense.	B1.3, B1.4			
M	Troubleshoot faulty system.	B1.3, B1.4			
ATA 71 Power Plant					
O	Build up ECU.	B1.1, B1.2, B1.3, B1.4			
O	Replace/ Install engine.	B1.1, B1.2, B1.3, B1.4			
M	Repair / install, inspect cooling baffles.	B1.1, B1.2, B1.3, B1.4			
M	Repair, inspect cowling.	B1.1, B1.2, B1.3, B1.4			
M	Adjust cowl flaps.	B1.1, B1.2, B1.3, B1.4			
M	Repair inspect faulty wiring.	All			
M	Perform Troubleshoot.	B1.1, B1.2, B1.3, B1.4			

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M	Perform Inspection/ Repair of Compressor/ Turbines Blades - discs	B1.1, B1.2, B1.3, B1.4			
M	Assist in dry motoring check.	B1.1, B1.2, B1.3, B1.4			
M	Assist in wet motoring check.	B1.1, B1.2, B1.3, B1.4			
M	Perform change/ Installation of Ignition Glow/ Sparkplugs	B1.1, B1.2, B1.3, B1.4			
M	Perform Inspection/ Adjustment of Ignition Glow/ Sparkplugs	B1.1, B1.2, B1.3, B1.4			
M	Assist in engine start (manual mode).	B1.1, B1.2, B1.3, B1.4			
M	Perform change/ inspect, install of engine ignition components.	B1.1, B1.2, B1.3, B1.4			
ATA 72 Piston Engines					
M	Remove/install, inspect reduction gear box.	B1.2, B1.4			
M	Remove/install components on reduction gear box.	B1.2, B1.4			
M	Check crankshaft run-out.	B1.2, B1.4			
M	Perform differential pressure inspection	B1.2, B1.4			
M	Check tappet clearance.	B1.2, B1.4			
M	Check compression.	B1.2, B1.4			
M	Extract broken stud.	B1.2, B1.4			
O	Install helicoil.	B1.2, B1.4			
M	Perform Change/ Installation of engine ignition components	B1.2, B1.4			
M	Perform engine Ground Run and Adjustment's (Power verification)	B1.2, B1.4			
M	Perform change/ Installation, check of Ignition Sparkplugs	B1.2, B1.4			
M	Establish/check reference RPM.	B1.2, B1.4			
M	Perform Inspection/ Adjustment of Ignition Sparkplugs	B1.2, B1.4			
M	Example: Procedure for Inspection following overspeed.	B1.2, B1.4			
M	Perform Troubleshooting.	B1.2, B1.4			
ATA 72 Turbine Engines					
O	Replace module.	B1.1, B1.3			
M	Hot section inspection/bore scope check.	B1.1, B1.3			
O	Replace / inspect fan blade.	B1.1, B1.3			

Aircraft Type Practical Experience List of Tasks for aircraft's of Group 2, 3



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General:

Maintenance tasks marked with **M** are **“Mandatory Task”**. Mandatory Maintenance tasks must be performed by the applicant. Maintenance tasks marked with **O** are **“Optional Task”**. Optional Maintenance tasks are recommended to be performed by the applicant.

M	Perform engine Ground Run and Adjustment`s	B1.1, B1.3			
M	Carry out engine/compressor/turbine wash.	B1.1, B1.3			
M	Establish reference power.	B1.1, B1.3			
M	Carry out engine dry cycle.	B1.1, B1.3			
M	Establish reference power.	B1.1, B1.3			
M	Trend monitoring/gas path analysis.	B1.1, B1.3			
M	Example: Procedure for Inspection following overspeed.	B1.1, B1.3			
M	Troubleshoot.	B1.1, B1.3			
ATA 73 Fuel and control, piston					
O	Replace engine driven pump.	B1.2, B1.4			
M	Install check carburettor/injector.	B1.2, B1.4			
M	Adjust carburettor/injector.	B1.2, B1.4			
M	Clean injector nozzles.	B1.2, B1.4			
O	Replace primer line.	B1.2, B1.4			
O	Check carburettor float setting.	B1.2, B1.4			
M	Troubleshoot faulty system.	B1.2, B1.4			
ATA 73 Fuel and control, turbine					
M	Replace/ Install , inspect FCU.	B1.1, B1.3			
M	Replace/ Install inspect Engine Electronic Control Unit (FADEC).	B1.1, B1.3			
M	Replace/ Install inspect, adjust Fuel Metering Unit (FADEC).	B1.1, B1.3			
M	Troubleshoot FADEC system	B1.1, B1.3			
O	Replace/Install, inspect engine driven pump.	B1.1, B1.3			
M	Clean/test fuel nozzles.	B1.1, B1.3			
M	Clean/replace inspect filters.	B1.1, B1.3			
M	Adjust FCU.	B1.1, B1.3			
M	Troubleshoot faulty system.	B1.1, B1.3			
M	Functional test of FADEC/FCU.	B1.1, B1.3			
ATA 74 Ignition systems, piston					
M	Change, inspect magneto.	B1.2, B1.4			
M	Change inspect ignition vibrator.	B1.2, B1.4			
M	Change inspect plugs.	B1.2, B1.4			

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M	Test plugs.	B1.2, B1.4			
M	Check H.T. leads.	B1.2, B1.4			
O	Install new leads.	B1.2, B1.4			
M	Check timing.	B1.2, B1.4			
O	Check system bonding.	B1.2, B1.4			
M	Troubleshoot faulty system.	B1.2, B1.4			
ATA 74 Ignition systems, turbine					
M	Perform functional test of the ignition system.	B1.1, B1.3			
O	Check H.T. leads.	B1.1, B1.3			
M	Check glow plugs/ignitors.	B1.1, B1.3			
M	Check ignition unit.	B1.1, B1.3			
M	Replace ignition unit.	B1.1 B1.3			
M	Troubleshoot faulty system.	B1.1, B1.3			
ATA 76 Engine Controls					
O	Rig thrust lever.	B1.1, B1.2, B1.3, B1.4			
M	Rig RPM control.	B1.1, B1.2, B1.3, B1.4			
M	Rig mixture HP cock lever.	B1.1, B1.2, B1.3, B1.4			
M	Rig fuel cut off lever	B1.1, B1.2, B1.3, B1.4			
M	Rig power lever.	B1.1, B1.2, B1.3, B1.4			
M	Rig propeller lever	B1.1, B1.2			
M	Check control sync (multi-eng).	B1.1, B1.2, B1.3, B1.4			
M	Check controls for correct assembly and locking.	B1.1, B1.2, B1.3, B1.4			
M	Check controls for range and direction of movement.	B1.1, B1.2, B1.3, B1.4			
O	Adjust pedestal micro-switches.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	B1.1, B1.2, B1.3, B1.4			
ATA 77 Engine Indicating					
M	Replace/Install inspect engine instruments(s).	B1.1, B1.2, B1.3, B1.4			

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M	Replace/Install inspect oil temperature bulb.	B1.1, B1.2, B1.3, B1.4			
M	Replace/Install inspect oil pressure bulb, indicator	B1.2, B1.4			
M	Replace/Install inspect manifold pressure indicator	B1.2, B1.4			
M	Replace/Install inspect fuel flow indicator	B1.2, B1.4			
M	Replace/Install inspect RMP indicator	B1.2, B1.4			
M	Replace/Install inspect thermocouples.	B1.1, B1.3			
M	Perform adjustment of thermocouples	B2			
M	Check calibration.	B2			
M	Troubleshoot faulty system.	All			
ATA 78 Exhaust, piston					
M	Replace exhaust gasket.	B1.2, B1.4			
M	Perform inspection of valve seat clearance.	B1.2, B1.4			
M	Inspect welded repair.	B1.2, B1.4			
M	Pressure check cabin heater muff.	B1.2, B1.4			
M	Troubleshoot faulty system.	B1.2, B1.4			
ATA 78 Exhaust, turbine					
M	Change jet pipe.	B1.2			
M	Change shroud assembly.	B1.2			
O	Install trimmers.	B1.2			
M	Inspect/replace inspect thrust reverser.	B1.2			
M	Replace inspect, adjust thrust reverser component.	B1.2			
M	Deactivate/reactivate thrust reverser.	B1.2			
M	Operational test of the thrust reverser system.	B1.2			
ATA 79 Oil					
M	Change oil.	B1.1, B1.2, B1.3, B1.4			
M	Check filter(s).	B1.1, B1.2, B1.3, B1.4			
M	Adjust pressure relief valve.	B1.1, B1.2, B1.3, B1.4			
M	Replace/ Install, inspect oil tank.	B1.1, B1.2, B1.3, B1.4			
M	Replace/ install, inspect oil pump.	B1.1, B1.2, B1.3, B1.4			

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M	Replace/ install, inspect oil cooler.	B1.1, B1.2, B1.3, B1.4			
M	Replace/ Install inspect firewall shut off valve.	B1.1, B1.2, B1.3, B1.4			
M	Perform oil dilution.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	B1.1, B1.2, B1.3, B1.4			
ATA 80 Starting					
M	Replace inspect starter.	B1.1, B1.2, B1.3, B1.4			
M	Perform inspection of starter gear and pinion	B1.1, B1.2, B1.3, B1.4			
M	Replace inspect start relay.	B1.1, B1.2, B1.3, B1.4			
M	Replace inspect start control valve.	B1.1, B1.3			
M	Check cranking speed.	B1.1, B1.2, B1.3, B1.4			
M	Troubleshoot faulty system.	B1.1, B1.2, B1.3, B1.4			
ATA 81 Turbines, piston engines					
M	Replace/ Install / Inspect turbo-blower.	B1.2, B1.4			
M	Replace/ Install / Inspect heat shields.	B1.2, B1.4			
M	Replace/ Install / Inspect waste gate.	B1.2, B1.4			
O	Adjust density controller.	B1.2, B1.4			
ATA 82 Engine water injection					
M	Replace inspect water/methanol pump.	B1.2, B1.3, B1.4			
M	Flow check water/methanol system.	B1.2, B1.3, B1.4			
M	Adjust water/methanol control unit.	B1.2, B1.3, B1.4			
M	Check fluid for quality.	B1.2, B1.3, B1.4			
M	Troubleshoot faulty system	B1.2, B1.3, B1.4			
ATA 83 Accessory gear boxes					
M	Replace/ Install / Inspect inspect gearbox.	B1.2, B1.4			
M	Replace/ Install / Inspect drive shaft.	B1.2, B1.4			
M	Inspect magnetic chip detector.	B1.2, B1.4			
Additional remarks: Note each additional maintenance task witch was performed by trainee in the following columns					

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