



# INITIAL PRACTICAL EXPERIENCE SYLLABUS FOR Group 3 Aircraft

## TRAINEE

**Family name:** \_\_\_\_\_ **First Name:** \_\_\_\_\_

**License No.:** \_\_\_\_\_

**Date and Place of Birth:** \_\_\_\_\_ **Nationality:** \_\_\_\_\_

## MAINTENANCE ORGANISATION

**Company Name:** \_\_\_\_\_ **Ref. Nr. CH.145.** \_\_\_\_\_

## LICENSE CATEGORY

**EASA Part-66 B1.2**

**EASA Part-66 B3**

## TRAINING PERIOD

**Starting Date:** \_\_\_\_\_ **End Date:** \_\_\_\_\_

## INITIAL GROUP 3 RATING:

## REMOVAL OF ONE LIMITATION

**Metal aeroplanes**

**Composite aeroplanes**

**Metal tubing & fabric aeroplanes**

**Wooden aeroplanes**

**Pressurized aeroplanes**

Initial Practical Experience for Group 3 Aircraft	
Logbook Owner's Name	

## SUPERVISOR

Lastname	First name	License Nr	Signature

With the application Form19 please include a copy of the license of all signing Supervisors.

## INTRODUCTION

This Syllabus is applicable to the category B1.2 & B3 Part-66 license holder for the endorsement of the group 3 Aircraft rating. For the category B1.2 it affects „Full group 3 “ rating or for the category B3 „Full rating piston engine non pressurized airplane of 2000kg MTOM and below. The preliminary requirement to endorse a group rating in a Part-66 license are practical experience (maintenance activities) in accordance with EASA part 66.A.45 (f). The practical experience tasks must cover all relevant maintenance activities and shall be a representative cross section regarding to the required group 3.

If the applicant is not able to demonstrate the required experience the application will be refused or the license will be endorsed with a limited group rating or a single type rating/s.

Following group 3 limitations exist according Part 66.A.45:

- Wooden airplanes
- Metal tubing & fabric airplanes
- Metal airplanes
- Composite airplanes.
- Pressurized airplanes **only for B1.2**



<b>Initial Practical Experience for Group 3 Aircraft</b>	
Logbook Owner's Name	

The wording “*competence obtained*” means that the licence holder and, if applicable, the organisation where he/ she is contracted/ employed, should ensure that he/ she has acquired the appropriate knowledge, skills, attitude and experience to maintain the aircraft of the group. Because of the nature of a group rating it is important that some systems and technology in the future or present are not covered by the syllabus. It is therefore the responsibility of the license holder after receiving the group rating to acquire the necessary competence.

## INITIAL APPLICATION

For the initial application you are allowed to apply for **one** limitation (structure) only.

For this purpose use the log books: “Initial practical experience group 3 Aircraft” & the log book “Removal of limitation group 3 Aircraft”. Fill out both Syllabus according to the required group limitation.

To remove further group 3 limitations after the entry of Group 3 into the license use only log book “Removal of limitations group 3”.

## GUIDANCE TO THE SYLLABUS

It is required that:

- Maintenance activities have to be performed on airplanes of at least two different manufacture and of the same limitation (structure). If the aircraft type is not listed under the group 3 Aircrafts of the appendix I list, it is necessary to get previously the FOCA permission, that the required maintenance experience tasks are allowed to perform on an Annex II aircraft.
- All **mandatory maintenance tasks marked with a letter M and bold** have to be performed.
- As of the remaining maintenance tasks at least 50% must be performed from each Chapter of the Syllabus.
- Two annual check must be performed on an aircraft corresponding to the requested limitation of the airplane structure. Please note that a signed copy of at least one annual check list must be attached to the license application for each limitation removal.
- Under the column “aircraft registration” only maintenance experience gained on aircrafts are allowed to be filled in. Activities referring to schools, modules and courses are not permitted.
- Each Log. Book must be assigned to one person only.
- All entries must be made in capital letters (signatures are excluded) and with a permanent pen.
- Corrections are accomplished by crossing out with a horizontal line and write the correction above or beside .
- Start and finishing date of the practical experience must be noted on the front page of the LOG BOOK.
- Only completed LOG BOOK’s can be accepted.
- Each task performed by the trainee shall be supervised and countersigned by an *authorized certifying staff*. Collecting signature are not permitted.
- .



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

- Each task performed by the trainee shall be supervised and *countersigned* by an *authorized certifying staff*. Please Send the Form19 application including a copy of the license of all signing Supervisors.

LIST OF TASKS

AC Registration:		Aircraft type:						
AC Registration:		Aircraft type:						
<b>ATA 05 Time limits/ Maintenance checks</b>								
Date	Competence obtained			Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M</i>	<i>Perform two annual check i.a.w manufacturer instructions and AMP (provide a copy of the signed checklists used to FOCA)</i>						
	<i>M</i>	<i>Assist carrying out a scheduled maintenance check</i>						
	<i>M</i>	<i>Review aircraft maintenance logs for correct completion</i>						
	<i>M</i>	<i>Review records for compliance with airworthiness directives</i>						
	<i>M</i>	<i>Review records for compliance with service bulletins, service information, service letters and other available manufacturer maintenance data / information</i>						
	<i>M</i>	<i>Review records for compliance with component life limits</i>						
		Procedure for inspection following hard landing						
		Procedure for inspection following lightning strike						
	<i>M</i>	<i>Prepare/ perform ground-run</i>						
		Prepare check flight						
<b>ATA 06 Dimensions/ Areas</b>								
Date	Competence obtained			Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M</i>	<i>Locate component(s) by station number</i>						
		Perform symmetry check						



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

ATA 07 Lifting and Shoring						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M Jack aircraft on nose wheel or tail wheel</i>					
	<i>M Jack complete aircraft</i>					
	Sling or trestle major component					
ATA 08 Leveling & Weighing						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M Perform leveling of the aircraft</i>					
	<i>M Perform weight and balance of the aircraft</i>					
	Perform weight and balance of flight controls					
	<i>M Perform weight and balance amendment</i>					
	<i>M Check aircraft against equipment list (According Aircraft AFM or other documents)</i>					
ATA 09 Towing and Taxiing						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M Prepare aircraft for towing/ handling</i>					
	<i>M Tow aircraft</i>					
	<i>M Be part of aircraft towing team</i>					
ATA 10 Parking and mooring						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M Tie down aircraft</i>					
	<i>M Park, secure and cover aircraft</i>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

**ATA 11 Placards and Markings**

Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M</i> Check aircraft for correct placards					
	<i>M</i> Check aircraft for correct markings					

**ATA 12 Servicing**

Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M</i> Refuel aircraft					
	<i>M</i> Defuel aircraft					
	<i>M</i> Check/ adjust tire pressure					
	<i>M</i> Check/ replenish oil level					
	<i>M</i> Check/ replenish hydraulic fluid level					
	Check/ replenish accumulator pressure					
	<i>M</i> Perform servicing of hydraulic shock absorbers/ cylinders (e.g. landing gear system)					
	<i>M</i> Grease aircraft according Maintenance manual					
	<i>M</i> Perform pre-flight/ daily checks according AFM or AMM					
	Connect Ground power					
	Analyse engine vibration					

**ATA 18 Vibration and Noise Analysis**

Date	Competence obtained	Reference	AC Re-	Trainee	Supervisor	Hours
	Analyse engine vibration					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

ATA 21/ 21A Air Conditioning/ Air Supply						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Check operation of air conditioning and / or heating system					
	Check/ replace/ install cabin blower					
	Inspect avionics ventilation components					
	<b>M</b> <i>Inspect/ replace/ install air filter</i>					
	<b>M</b> <i>Check/ replace/ install /clean hoses and tubes of heating system</i>					
	<b>M</b> <i>Troubleshoot faulty system</i>					
ATA 22 Auto flight						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b> <i>Perform detailed introduction to auto flight system</i>					
	Check/ replace/ install/ adjust servos					
	Check/ replace/ install/ adjust servo clutch					
	Inspect/ adjust rig bridle cables					
	Check/ replace/ install controller					
	<b>M</b> <i>Check operation of auto-pilot</i>					
	Troubleshoot faulty system					
ATA 23 Communications						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Perform detailed introduction to communication system					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	<b>M</b>	<b>Replace/ install communication unit (e.g. COMNAV unit)</b>				
	<b>M</b>	<b>Check operation of radios</b>				
		Replace/ crimp connector				
		Check antenna				
	<b>M</b>	<b>Replace/ install static discharger</b>				
	<b>M</b>	<b>Troubleshoot faulty system</b>				

**ATA 24 Electrical Power**

Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to electrical power system</b>					
	<b>M</b>	<b>Servicing lead/ acid battery i.a.w Manufacturer information</b>					
	<b>M</b>	<b>Check battery capacity</b>					
	<b>M</b>	<b>Check/ replace/ install battery</b>					
	<b>M</b>	<b>Check/ replace/ install generator/ alternator</b>					
		Check of generator/ alternator mounting					
		Check/ install of generator/ alternator driven belt					
	<b>M</b>	<b>Check/ replace / install switches and connectors</b>					
		Replace / install circuit breakers					
		Check/ replace/ install voltage regulator					
		Adjust voltage regulator					
	<b>M</b>	<b>Check/ replace / install of battery relay, overvoltage relay or sensor system</b>					





**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	Check/ replace/ install indicating lights					
<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 25/ 25A Equipment/ Furnishings incl. emergency equipment</b>						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Perform detailed introduction to equipment and furnishings					
	Remove / install carpets					
<b>M</b>	<b>Remove / Install crew seats</b>					
<b>M</b>	<b>Remove / Install passenger seats</b>					
<b>M</b>	<b>Check/ replace/ install seats/ belts for security</b>					
	Check emergency equipment. (Example: First Aid Kit)					
	Check ELT for compliance with regulations					
	Remove and install ceiling and sidewall panels					
<b>ATA 26 Fire protection</b>						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
<b>M</b>	<b>Check cabin fire extinguisher contents.</b> (Example: Portable fire extinguisher)					
	Replace/ install new fire extinguisher					
	Check fire resistance sealing of engine compartment (wall)					
	Check fire resistance of hoses, tubes and sealing					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

ATA 27 Flight Controls						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b> <i>Perform detailed introduction to flight control system</i>					
	<b>M</b> <i>Inspect primary flight controls and related components</i>					
	Extend/ retract flaps					
	Check/ replace/ install flaps					
	Replace/ install flap actuator					
	Replace/ install horizontal or vertical stabiliser					
	Replace/ install/ rig/adjust elevator					
	Replace/ install/ rig/ adjust aileron					
	Replace/ install/ rig/ adjust rudder					
	Replace/ install/ rig/ adjust trim tabs					
	<b>M</b> <i>Rig primary flight controls</i>					
	<b>M</b> <i>Inspect/ replace/ control cable and fittings</i>					
	<b>M</b> <i>Inspect/ adjust control cable tension</i>					
	Inspect /Replace/ install pulley					
	<b>M</b> <i>Check/ replace/ install/ adjust push rod of aileron/ or rudder/ or elevator</i>					
	Check/ adjust flight control deflection and direction of movement.					
	<b>M</b> <i>Troubleshoot faulty system</i>					
	Check/ replace/ install/ adjust elevator trim/ or rudder trim/ or aileron trim					
	Inspect control tubes, connection devices (forks, eye bearings)					
	Inspect/ check of bell cranks, torque tubes, control tubes, spindles – actuators					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

		Replace/ adjust stall warning					
<b>ATA 28 Fuel Systems</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M</i>	<b>Perform a detailed introduction to fuel system</b>					
	<i>M</i>	<b>Check fuel drain system (operation)</b>					
	<i>M</i>	<b>Replace / install fuel drain valve</b>					
	<i>M</i>	<b>Perform inspection of fuel selector</b>					
	<i>M</i>	<b>Replace / install / inspect fuel hoses and tubes – fittings/ connectors</b>					
	<i>M</i>	<b>Inspect fuel lines, hoses and tubing</b>					
	<i>M</i>	<b>Check fuel ventilation system</b>					
		Inspect / replace / install fuel tank cells					
		Replace /install /check fuel control valves					
		Check / calculate fuel contents manually					
		Replace / install booster pump					
	<i>M</i>	<b>Check fuel filters</b>					
		Perform flow check of fuel system					
		Check calibration / adjustment of fuel quantity gauges					
		Check operation feed / selectors					
	<i>M</i>	<b>Troubleshoot faulty system</b>					
	<i>M</i>	<b>Refuel Aircraft</b>					
		Deactivation/ reactivation of the fuel valves (transfer defuel, X-feed, refuel)					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

<b>ATA 29 Hydraulic Power</b>						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Perform a detailed introduction of hydraulic system					
	Replace/ install/ inspect pump					
	Check/ replace case drain filter					
	Replace/ install/ inspect hydraulic motor pump/ generator					
	Replace/ install/ inspect accumulator					
<b>M</b>	<b>Inspect of hydraulic lines, hoses and tubing</b>					
	Check operation of shut-off valve					
	Check indicating systems					
	Pressurization/ depressurization of hydraulic system					
<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 30 Ice and rain protection</b>						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
<b>M</b>	<b>Perform a detailed introduction of ice and rain protection system</b>					
	Check operation of anti-ice/ de-ice systems					
	Operational test the pitot-probe ice protection					
	Operational test of the wing ice protection system					
	Replace/ install timer					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	Inspect/ repair propeller or wing de-ice boot					
	Inspect/ test propeller de-icing system					
	Inspect/ test wing leading edge de-icing boot					
	Inspect/ replace anti-ice/ de-ice valve					
	Perform inspection of lines, hoses and tubing of liquid ice protection systems					
<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 31 Indicating/ recording systems</b>						
Date	Competence obtained		AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
<b>M</b>	<b>Perform a detailed introduction of indicating and recording systems</b>					
	Check/ replace/ install clock					
	Perform BITE test of the indicating / recording systems					
	Inspect correct markings of indicators					
<b>M</b>	<b>Replace/ install/ inspect air speed indicators</b>					
	Replace/ install/ inspect altimeter indicators					
	Replace/ install/ inspect vertical speed indicators					
	Perform inspection and/ or change of instrument hoses and tubing					
	Replace/ install/ inspect gyro					
	Replace/ install/ inspect oil pressure indicators					
	Replace/ install/ inspect fuel indicators					
	Replace/ install/ inspect manifold indicators					
<b>M</b>	<b>Replace/ install/ inspect RPM indicators</b>					
	Replace/install/ inspect voltage/ current indicator					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

		Troubleshoot faulty system					
<b>ATA 32 Landing Gear</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<i>M</i>	<b>Perform a detailed introduction of landing gear</b>					
	<i>M</i>	<b>Change a tyre</b>					
	<i>M</i>	<b>Check/ replace/ install nose or main wheel</b>					
	<i>M</i>	<b>Inspect wheels (tube, tyre, wheel half's, bearings)</b>					
	<i>M</i>	<b>Lubricate wheel bearings</b>					
	<i>M</i>	<b>Inspect / replace/ install break tubing, and / or hoses, brake linings &amp; break disks</b>					
	<i>M</i>	<b>Check / replace / install of parking brake valve</b>					
	<i>M</i>	<b>Bleed brakes</b>					
		Check / test / adjust gear retraction system.					
		Replace / install gear retraction actuator.					
		Check / replace / install unlock / down lock assembly					
		Adjust micro switches/ sensors					
		Replace/ install/ service shimmy damper					
		Rig nose wheel steering					
	<i>M</i>	<b>Test nose/ or tail wheel steering system</b>					
		Service/ replace/ install shock strut seals					
	<i>M</i>	<b>Check and servicing brakes</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

ATA 33 Lights						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Check/ replace/ install rotating beacon or flashlight					
	<b>M Check/ replace/ install landing lights</b>					
	<b>M Check/ replace/ install instrument lights</b>					
	<b>M Check/ replace/ install navigation lights</b>					
	<b>M Check/ replace/ install interior lights</b>					
	<b>M Check/ replace/ install wiring and connectors of lighting system</b>					
	<b>M Troubleshoot faulty system</b>					
ATA 34 Navigation						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Perform detailed introduction to navigation system					
	<b>M Check/ replace/ install pitot-static probe</b>					
	<b>M Perform pitot-static system leak test</b>					
	Replace/ install magnetic compass					
	<b>M Test/ adjust magnetic compass</b>					
	Check/ replace/ install directional gyro					
	Check/ replace/ install attitude gyro					
	Replace/ install HSI					
	Check/ replace/ install VOR unit					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	Check/ replace/ install ADF unit					
<b>M</b>	<b>Check/ replace/ install Transponder unit</b>					
	Perform functional check of GPS system					
	Inspect antennas					
<b>M</b>	<b>Inspect wiring and connectors of navigation systems</b>					

**ATA 35 Oxygen**

Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	Perform detailed introduction to oxygen system					
	Inspect on board oxygen equipment					
	Inspect oxygen mask, bottle and regulator					
	Inspect oxygen hoses and tubing					
	Purge and recharge oxygen system					
	Replace/ install regulator					
	Troubleshoot faulty system					

**ATA 37 Vacuum systems**

Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
<b>M</b>	<b>Perform detailed introduction to vacuum system</b>					
	Inspect the vacuum system					
<b>M</b>	<b>Check/ replace filters</b>					





**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

		Perform inspection of vacuum system's hoses and tubing					
	<b>M</b>	<b>Replace/ install vacuum pump</b>					
		Adjust regulator					
	<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 51 Standard practices and structure (damage classification, assessment and repair)</b>							
<b>Date</b>		<b>Competence obtained</b>	<b>Reference</b>	<b>AC Re- gistration</b>	<b>Trainee Signature</b>	<b>Supervisor Signature</b>	<b>Hours</b>
	<b>M</b>	<b>Choose one type rating limitation out of the syllabus" Removal of limitation"</b>					
<b>ATA 52 Doors</b>							
<b>Date</b>		<b>Competence obtained</b>	<b>Reference</b>	<b>AC Regis- tration</b>	<b>Trainee Signature</b>	<b>Supervisor Signature</b>	<b>Hours</b>
		Inspect passenger door/ canopy					
	<b>M</b>	<b>Rig/ adjust locking mechanism</b>					
		Check operation of emergency exits					
		Test door warning system					
		Troubleshoot faulty locking system					
		Remove and install passenger door					
		Remove and install emergency exit					
		Inspect cargo door					
<b>ATA 53 Fuselage</b>							
<b>Date</b>		<b>Competence obtained</b>	<b>Reference</b>	<b>AC Re- gistration</b>	<b>Trainee Signature</b>	<b>Supervisor Signature</b>	<b>Hours</b>
	<b>M</b>	<b>Inspect stringers, spars, ribs, bulkheads</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

		Inspect former/ connectors/ attachments					
	<i>M</i>	<b>Inspect surface (dents, cracks, holes, lose rivets)</b>					
<b>ATA 55 Stabilizers</b>							
<b>Date</b>		<b>Competence obtained</b>	<b>Reference</b>	<b>AC Re- gistration</b>	<b>Trainee Signature</b>	<b>Supervisor Signature</b>	<b>Hours</b>
	<i>M</i>	<b>Inspect stringers, spars, ribs</b>					
		Inspect former/ connectors/ attachments					
	<i>M</i>	<b>Inspect surface (dents, cracks, holes, lose rivets)</b>					
		Check for disbanding					
<b>ATA 56 Windows</b>							
<b>Date</b>		<b>Competence obtained</b>	<b>Reference</b>	<b>AC Re- gistration</b>	<b>Trainee Signature</b>	<b>Supervisor Signature</b>	<b>Hours</b>
	<i>M</i>	<b>Check windshield and cabin window</b>					
		Replace/ install window					
	<i>M</i>	<b>Repair transparency of windows</b>					
	<i>M</i>	<b>Inspect windows</b>					
		Inspect sealing					
<b>ATA 57 Wings</b>							
<b>Date</b>		<b>Competence obtained</b>	<b>Reference</b>	<b>AC Re- gistration</b>	<b>Trainee Signature</b>	<b>Supervisor Signature</b>	<b>Hours</b>
		Inspect stringers, spars, ribs					
		Inspect connectors/ attachments					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	<b>M</b>	<b>Inspect surface (dents, cracks, holes, lose rivets)</b>					
	<b>M</b>	<b>Inspect main bolts</b>					
		Check/ replace/ install hinges/ bearings					
		Check for disbanding					
<b>ATA 61 Propeller</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to propeller</b>					
		Check/ assemble propeller after transportation					
	<b>M</b>	<b>Replace/ install propeller</b>					
		Perform propeller adjustments (basic adjustments)					
		Replace/ install governor					
		Perform governor adjustments					
		Check operation during ground run					
	<b>M</b>	<b>Check propeller track</b>					
		Troubleshoot faulty system					
	<b>M</b>	<b>Inspect propeller bolt and nuts</b>					
	<b>M</b>	<b>Inspect propeller spinner and propeller hold down plates</b>					
	<b>M</b>	<b>Inspect propeller blades</b>					
		Dynamically balance of propeller					
		Assess/ repair of propeller – blade damage					
	<b>M</b>	<b>Perform re-torque check after installation of propeller</b>					
	<b>M</b>	<b>Perform check of security of propeller bolts</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name


**ATA 71 Power plant**

Date	Competence obtained	Reference	AC Registration	Trainee Signature	Supervisor Signature	Hours
	Perform detailed introduction to piston engines . (Gasoline)					
	<b>M Perform detailed introduction to engine (Diesel)</b>					
	Inspect/ replace/ install engine mount					
	<b>M Inspect/ replace/ install shock mounts</b>					
	Replace/ install engine					
	Inspect/ replace/ install engine drains/ breather lines					
	<b>M Perform troubleshooting on gasoline piston engine</b>					
	Perform troubleshooting on diesel engine					
	Perform conservation of engine					
	<b>M Perform and Assist in engine start/ ground run</b>					

**ATA 72 Piston Engines**

Date	Competence obtained	Reference	AC Registration	Trainee Signature	Supervisor Signature	Hours
	<b>M Perform detailed introduction to engine</b>					
	<b>M Perform detailed introduction to engine FADEC systems</b>					
	<b>M Perform differential pressure inspection</b>					
	<b>M Perform compression check</b>					
	Perform leakage check on crankcase					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	Perform penetrate inspection of cracks					
	Perform boroscope inspection					
	Check crankshaft run-out					
	Perform internal corrosion check of crankshaft					
<b>M</b>	<b>Replace/ check/ install cylinder</b>					
	Extract/ replace broken stud					
	Check tappet clearance					
	Inspect/ replace/ install accessory housings					
	Perform engine ground run and adjustments (power verification)					
<b>M</b>	<b>Perform at least one unscheduled maintenance inspection</b> <b>Note: Detail performed inspection and attach it to the application</b>					
	Troubleshoot faulty system					

**ATA 73 Fuel and control**

Date	Competence obtained	Reference	AC Registration	Trainee Signature	Supervisor Signature	Hours
<b>M</b>	<b>Perform detailed introduction to fuel system</b>					
<b>M</b>	<b>Check/ replace/ install engine driven pump</b>					
	Check/ replace/ install electric pump					
<b>M</b>	<b>Inspect/ replace/ install fuel filter</b>					
	Check/ replace/ install primer system/ hoses/ lines					
	Check/ replace/ install fuel hoses, tubing					
<b>M</b>	<b>Check/ replace/ install check carburettor/ injector</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	<b>M</b>	<b>Inspect/ drain carburettor float chamber</b>					
		Inspect carburettor internal fuel filter					
		Check internal carburettor fuel primer system					
	<b>M</b>	<b>Check/ adjust carburation/ injection control linkage</b>					
		Check/ replace/ install fuel flow divider.					
		Inspect/ clean/ replace/ install injector nozzles					
	<b>M</b>	<b>Adjust idle mixture</b>					
		Adjust primer system					
		Synchronise carburettors					
		Adjust injector system					
		Troubleshoot faulty system					
<b>ATA 74 Ignition systems, piston</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
		Perform detailed introduction to ignition system i.a.w. manufacturer instructions					
		Inspect installation of engine ignition components					
	<b>M</b>	<b>Inspect/ clean/ adjust ignition sparkplugs</b>					
		Check/ replace/ install ignition harness					
		Check/ replace/ install ignition harness fitting					
	<b>M</b>	<b>Inspect/ replace/ install magneto</b>					
		<b>Check/ adjust basic timing of magneto</b>					
		Inspect/ replace/ install ignition vibrator					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	<b>M</b>	<b>Check/ replace/ install ignition switch</b>					
		Check/ replace/ install FADEC or LASAR					
		Check system bonding					
		Establish/check reference RPM					
	<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 75 Cooling</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to cooling system</b>					
	<b>M</b>	<b>Check/ repair / install, inspect cooling baffles</b>					
	<b>M</b>	<b>Inspect/ repair cowling</b>					
		Check/ repair / install cowl flaps					
		Adjust cowl flaps					
		Inspect/ replace/ install alternate air valve and air filter					
		Inspect/ replace/ install control air valve control cable					
		Perform inspection of liquid cooling system					
		Inspect/ replace/ install radiator					
		Perform refilling of coolant					
	<b>M</b>	<b>Troubleshoot faulty system</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

ATA 76 Engine Controls						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M Perform detailed introduction to engine controls</b>					
	Check/ replace ECU					
	Check/ replace/ rig mixture lever					
	<b>M Check/ replace/ rig throttle lever</b>					
	Check/ replace/ rig propeller lever					
	Seal firewall after replace of control cable					
	Check control sync (multi-engine)					
	<b>M Check controls for correct assembly and locking</b>					
	<b>M Check controls for range and direction of movement</b>					
	Check controls system. (Linkage)					
	<b>M Troubleshoot faulty system</b>					
ATA 77 Engine Indicating						
Date	Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M Perform detailed introduction to engine indicating</b>					
	Check/ replace/ install engine instruments					
	<b>M Check/ replace/ install oil temperature bulb</b>					
	<b>Check/ replace/ install exhaust gas temperature bulb</b>					
	<b>M Check/ replace/ install oil pressure sensor</b>					





**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

		Check/ replace/ install manifold pressure indicator					
		Check/ replace/ install fuel flow indicator					
	<b>M</b>	<b>Check/ replace/ install RPM indicator</b>					
		Check calibration of instruments					
	<b>M</b>	<b>Check marking of instruments according AFM and/ or AMM</b>					
	<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 78 Exhaust, piston</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to exhaust system</b>					
	<b>M</b>	<b>Perform visual inspection of exhaust system</b>					
	<b>M</b>	<b>Check, replace exhaust gasket</b>					
	<b>M</b>	<b>Inspect welded joints on exhaust components</b>					
	<b>M</b>	<b>Check exhaust heater system</b>					
	<b>M</b>	<b>Troubleshoot faulty system</b>					
<b>ATA 79 Oil</b>							
Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to oil system</b>					
	<b>M</b>	<b>Change oil/ check oil level</b>					
	<b>M</b>	<b>Check / replace/ install oil filter</b>					
	<b>M</b>	<b>Cut oil filter and perform visual inspection</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	<b>M</b>	<b>Inspect/ adjust pressure relief valve</b>					
		Inspect/ replace/ install oil tank					
		Inspect/ replace/ install oil pump					
	<b>M</b>	<b>Inspect/ replace/ install oil cooler</b>					
	<b>M</b>	<b>Clean oil cooler</b>					
		Check/ replace/ install oil lines, tubing					
	<b>M</b>	<b>Inspect chip detectors, magnetic plugs</b>					
	<b>M</b>	<b>Troubleshoot faulty system</b>					

**ATA 80 Starting**

Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to starting system</b>					
	<b>M</b>	<b>Replace, inspect starter motor</b>					
		Perform inspection of starter gear and pinion					
		Check starter gear clutch					
	<b>M</b>	<b>Check/ replace/ install starter relay</b>					
	<b>M</b>	<b>Inspect/ repair faulty wiring</b>					
	<b>M</b>	<b>Troubleshoot faulty system</b>					

**ATA 81 Turbines, piston engines**

Date		Competence obtained	Reference	AC Re- gistration	Trainee Signature	Supervisor Signature	Hours
	<b>M</b>	<b>Perform detailed introduction to turbine systems in piston engines (turbochargers)</b>					



**Initial Practical Experience for Group 3 Aircraft**

Logbook Owner's Name

	<b>M</b>	<b>Inspect/ replace/ install turbocharger</b>					
		Inspect/ replace/ install heat shields					
	<b>M</b>	<b>Inspect/ replace/ install waste gate</b>					
		Check turbo compressor blades					
		Check turbo compressor lubrication system					
		Check turbo compressor regulation valve (waste gate)					
		Adjust turbo compressor regulation valve (waste gate)					
		Adjust density controller					
		Perform troubleshooting					

**ATA 83 Accessory gear boxes**

Date	Competence obtained	Reference	AC Registration	Trainee Signature	Supervisor Signature	Hours
	Perform detailed introduction to accessory gear boxes					
	Inspect gearbox					
	Remove/ install components on reduction gear box					
	Check propeller reduction gear					
	Check propeller reduction gear clutch					