

**BGA SDMP 267 template** (only for use in BGA airworthiness system)updated to PART ML AMC 13th March 2020, BGA CAA Approval No. UK.CAO.0025

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| **Part-ML Aircraft Maintenance Programme (AMP)** | | | | | | | | |
| **Aircraft identification** | | | | | | | | |
| 1 | Registration: | | Type: | | Serial no(s): | | | |
|  | Owner: | | | | | | | |
| **Basis for the maintenance programme** | | | | | | | | |
| 2 | Minimum Inspection Programme (MIP) as detailed in the latest revision of AMC1 ML.A.302(d)  **(List the tasks in Appendix A which is the BGA SDMP 267 below)** | | | | | | |  |
| **Design Approval Holder (DAH)**  **Instructions for Continuing Airworthiness (ICA)** | | | | | | | | |
| 3 | **Equipment manufacturer and type** | | | **Applicable ICA reference (revision/date not required assuming the latest revision will always be used)** | | | | |
| 3a | Aircraft **(other than balloons)** |  | |  | | | | |
| 3b | Engine (if applicable) |  | |  | | | | |
| 3c | Propeller (if applicable) |  | |  | | | | |
| **Additional maintenance requirements to DAH’s ICA or to the MIP (applicable to all AMPs)** | | | | | | | | |
| 4 | **Indicate if any of the following types of repetitive maintenance are included in the AMP (when replying ‘YES’, list the specific requirements in Appendix B (this means add to the BGA SDMP 267 EASA mandatory and BGA CAMO requirements found after task 89) to this AMP** | | | | | Yes | No | |
| Maintenance due to specific equipment and modifications | | | | |  |  | |
| Maintenance due to repairs | | | | |  |  | |
| Maintenance due to life-limited components (this should be only if the MIP is used. Otherwise, this data is already part of the DAH’s data used as a basis for the AMP.) | | | | |  |  | |
| Maintenance due to mandatory continuing airworthiness information (airworthiness limitations (ALIs), certification maintenance requirements (CMRs), specific requirements in the TCDS, etc.) | | | | |  |  | |
| Maintenance recommendations, such as time between overhaul (TBO) intervals, issued through service bulletins, service letter, and other non-mandatory service information | | | | |  |  | |
| Maintenance due to repetitive ADs | | | | |  |  | |
| Maintenance due to specific operational/airspace directives/requirements (altimeter, compass, transponder, etc.) | | | | |  |  | |
| Maintenance due to type of operation or operational approvals | | | | |  |  | |
|  | Other | | | | |  |  | |
| 5 | **Indicate if there is any maintenance task alternative to the DAH’s ICA (when ‘YES’, list the specific alternative maintenance tasks in Appendix C). (Note most sailplanes will not need to use appendix C)** | | | | | Yes | No | |
|  | | | | | | | | |
| 6 | **Does the Pilot-owner perform Pilot-owner maintenance (ref. Part-ML, ML.A.803)?**  **If yes, enter the name of the pilot-owner(s) authorised to perform such maintenance:**  **Pilot-owner name:\_\_\_(NOTE)\_\_\_\_\_\_\_\_\_\_\_\_ Licence Number:\_(NOTE)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_**  **NOTE: It is possible to refer to a list in the case of jointly owned aircraft.** | | | | | Yes | No | |
| **Approval/declaration of the maintenance programme by owner** | | | | | | | | |
| 7 | **Declaration by owner**  ***I hereby declare that this is the maintenance programme applicable to the aircraft referred to in block 1, and I am fully responsible for its content and, in particular, for any alternatives tasks to the DAH’s data.’***  **Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | | |  | |
| **Certification statement** | | | | | | | | |
| 8 | ***‘I will ensure that the aircraft is maintained in accordance with this maintenance programme and that the maintenance programme will be reviewed and updated as required’***  Signed by the person/organisation responsible for the continuing airworthiness of the aircraft according to ML.A.201:  Owner/Lessee/operator  CAMO/CAO  Name of owner/lessee or CAMO/CAO approval number:  Address:  Telephone/fax:  E-mail:  Signature/Date: | | | | | | | |
| 9 | Appendices attached to BGA SDMP 267  Appendix A YES  NO  SDMP 267 already complies with Appendix A requirement  Appendix B YES  NO  Add to the BGA SDMP 267 EASA mandatory and BGA CAMO/CAO requirements found after task 89  Appendix C YES  NO  As required for sailplanes in the BGA  Appendix D YES  NO  Not usually required for sailplanes in the BGA | | | | | | | |

BGA Self-Declared Minimum Inspection Program (MIP)

form 267 for sailplanes and powered sailplanes

(including TMG) BGA CAA Approval No. UK.CAO.0025

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| Registration. | BGA No. | Type. | Serial No. |

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| Task  Item | Description | Inspection detail | Operation  Insp/check  initials | |
| **Tasks 1 to 62 applicable to all aircraft (delete row/line or write N/A as required)**  **Tasks 63 to 89 apply to powered sailplanes (delete row/line or write N/A as required)** | | | | |
| 0 | **All Tasks General** | *The aircraft must be clean. Inspect for security, damage, wear, integrity, drain/vent holes clear, signs of overheating, leaks, chafing, cleanliness, and condition as appropriate to the particular task. Whilst checking GRP Composite structures check for signs of impact or pressure damage that may indicate underlying damage.*  *The manufacturer’s maintenance manual must be used for specific maintenance instructions.* | |  |
| 1 | **Fuselage Paint/Gelcoat** | *Inspect external surface and fairings, gel coat, fabric, metal skins and paintwork. Check that registrations marks are correctly applied. All turbulator tapes are fitted correctly and secure.*  *Ensure compliance with Generic Requirement 8 Fabric Inspection.* | |  |
| 2 | **Fuselage structure** | Check frames, formers, tubular structure, skin and attachments. Inspect for signs if corrosion on tubular framework. Wooden structure inspection ref BGA Inspection 047/02/2006. | |  |
| 3 | **Nose Fairing** | Inspect for evidence of impact with ground or objects. Inspect nose tow release unit and aperture. | |  |
| 4 | **Rudder** | Check rudder assembly, hinges, attachments, balance weights. | |  |
| 5 | **Pot Pitot/Ventilator** | Check alignment of probe, check operation of ventilator and canopy demisting. | |  |
| 6 | **Centre section and fairing** | Inspect wing centre section including fairings for security, damage, and condition. | |  |
| 7 | **Wing attachments** | Inspect the wing structural attachments. Check for damage, wear, and security. Check for rigging damage. Check condition and security of wing attachment pins, associated bearings, and wing main bolts. | |  |
| 8 | **Canopy, doors, locks, jettison** | Inspect canopy/door and frame and transparencies for cracks, unacceptable distortion, and discoloration. Check operation of all locks and catches.  Carry out an operational test of the canopy jettison system from all positions.  Canopy jam during jettison inspection ref BGA Inspection 021/10/2001.  Check canopy gas strut inspection ref BGA Inspection 031/05/2002. | |  |
| 9 | **Seat / cockpit floor** | Inspect seat (s). Check that all loose cushions are correctly installed and as appropriate, energy absorbing foam cushions are fitted correctly and secured. Ensure that all seat adjusters fit lock correctly. Seat trim inspection ref BGA Inspection 019/10/2001. | | 5 |
| 10 | **Cleanliness / loose article check** | Check under cockpit floor/ seat pan and in rear fuselage for debris and foreign items. | |  |
| 11 | **Front skid/nose wheel & mounts** | Inspect for evidence of hard/heavy landings. Check skid wear. Inspect wheel, tyre and wheel box. Check tyre pressure. | |  |
| 12 | **Mainwheel, tyre & brake assembly** | There should be zero play (unless a tolerance is specified in the manual) in the brake torque link/stud. Check for integrity of hydraulic seals and leaks in pipe work. Check life of hydraulic hoses and components if specified by manufacturer. Remove brake drums, check brake lining wear. Check disk/drum wear. Refit drum. Check brake adjustment.  **CAUTION: BRAKE DUST MAY CONTAIN ASBESTOS.**  Check operation of brake. Check level of brake fluid and replenish if necessary.  **CAUTION: CHECK TYPE OF BRAKE FLUID USED AND OBSERVE SAFETY PRECAUTIONS.**  If DOT 3 or DOT 4 automotive brake fluid is used; change at regular intervals as it absorbs water.  Tyres check for wear, sidewall damage, perishing, correct pressure and creep marks have not moved. | |  |
| 13 | **Undercarriage suspension** | Check springs, bungees, shock absorbers, and attachments. Check for signs of damage.  Service strut if applicable. If rubber parts fitted check for perished rubber and bulges.  Note: Carry out with weight off the landing gear. | |  |
| 14 | **Undercarriage retraction system** | Check retraction mechanism and controls with aircraft on jacks/dolly, check warning system if fitted, gas struts, doors, and linkages/springs, over centre/locking device. Perform retraction test. | |  |
| 15 | **Tail skid / wheel** | Inspect for evidence of hard/heavy landings. Check skid wear. Inspect wheel, tyre and wheel box. Check bond of bonded skids. Check tyre pressure. Check retracting tailwheel mechanism if fitted. | |  |
| 16 | **Release hooks** | Inspect nose and C of G release hooks and controls as per manufacturer’s instructions.  Check operational life against manufacturer’s instruction (both calendar life and actuations).  Carry out operational test. If more than one release hook or control is fitted check operation of all release hooks from all positions. | |  |
| 17 | **Harnesses** | Inspect all harnesses for condition and wear of all fastenings, webbing, check attachment points for wear/fatigue and fittings. Check operation of release and adjustments. See BGA AMP manual Leaflet 4-8 for advice. | |  |
| 18 | **Flight/rudder pedal assemblies** | Inspect rudder pedal assemblies and adjusters. Inspect cables for wear and damage, especially in the rudder pedal S bends if fitted. | |  |
| 19 | **Rudder control circuit & stops** | Inspect rudder control rods/cables. Check that control stops are contacting and secure. Pay attention to wear and security of liners and cables in “S” tubes. Check rudder assembly, hinges, attachments, and balance weights are secure. | |  |
| 20 | **Elevator control circuit & stops** | With the tail plane derigged, check tail plane attachments, inspect elevator control rods/cables. Check that control stops are contacting and secure. Inspect self-connecting control devices, check gel coat, fabric covering or metal skin. | |  |
| 21 | **Aileron and flap control circuit & stops** | Inspect aileron control rods/cables. Check that control stops are secure and make contact.  Inspect connecting control devices for security, damage, free play and secure mounting. | |  |
| 22 | **Flap control circuit and detents** | Inspect flap control circuit, check any gas struts fitted work as specified. Check that all detents and springs in the flap circuit and handle operate correctly as specified by Manufacture and detents are not too excessively worn. | |  |
| 23 | **Trimmer control circuit** | Inspect trimmer control rods/cables. Check friction/locking/connecting devices. Inspect trim indication for proper adjustment and function | |  |
| 24 | **Air brake control circuit** | Inspect air brake control rods/cables/belcranks and brackets. Check friction/locking device (if fitted). Inspect connecting control devices for security, damage, free play and secure mounting. Inspect air brake locking for proper adjustment and positive locking. | |  |
| 25 | **Wheel brake control circuit** | Inspect wheel brake control rods/cables. If combined with air brake, ensure correct rigging relationship and you can still achieve full airbrake. Check parking brake operation (if fitted). | |  |
| 26 | **Instrument panel assemblies** | Inspect instrument panel and all instruments/equipment. Check that instrument readings are consistent with ambient conditions. Check marking of all switches, circuit breakers and fuses are correctly labelled. Registration is displayed on instrument panel.  Check operation of all installed equipment i.a.w. manufacturer’s instructions.  Check all instruments are marked as required by Flight Manual. | |  |
| 27 | **Pitot/static system** | Inspect pitot probes, static ports all tubing (as accessible) for security, damage, cleanliness, kinking and condition. Drain any water from condensate drains. Perform system leak check. Inspect hoses for condition, operational check. | |  |
| 28 | **ASI functional check** | Carry out a pitot static leak check and functional check of the airspeed indicator (in situ if possible). In case of indications of malfunctions (max error 2 knots), carry out an airspeed indicator calibration check. Ensure colour coding is compliant with flight manual.   |  | | --- | |  | | |  |
| 29 | **Altimeter datum** | Check barometric sub scale by altimeter QNH reading. (max. error 2 Mb). | |  |
| 30 | **Electrical installation/ fuses/trips** | Check all electrical wiring for condition. Check for signs of overheating and poor connections. Check fuses/trips for condition and correct rating. | |  |
| 31 | **Battery, retention, crashworthiness, and condition** | Check battery mounting for security and operation of clamp. Check for battery crashworthiness (ideally 25 Gs in all directions). Check for evidence of electrolyte spillage and corrosion. Check that battery has the correct main fuse fitted.  It is recommended to carry out battery capacity test on gliders equipped with radio, used for cross-country, airways or competition flying. Note: In accordance with equipment manufacturer’s recommendations where capacity checks are recommended by the equipment manufacturer. See BGA AMP manual leaflet 4-9. | |  |
| 32 | **Oxygen systems** | Inspect oxygen system. Check bottle hydrostatic test date expiry i.a.w. manufacturer’s recommendations. Ensure that bottle is not completely empty (200psi min) refill with aviator’s oxygen only. Clean masks and regulators with approved cleaning wipes.  Ensure that oxygen installation is recorded on weight and C of G schedule. Check all instruments are marked as required by Flight Manual.  **CAUTION: OBSERVE ALL SAFETY PRECAUTIONS** | |  |
| 33 | **Radio installations and placards.** | Check radio installation, microphones, speakers and intercom if fitted. Check that call sign placard is installed. Check aircraft registration placard is visible near radio.  Carry out radio ground function test. Record type fitted. All avionics (including transponders) to be maintained as per the manufacturer’s instructions and applicable ADs. | |  |
| 34 | **Transponder** | Perform operational check. Check BGA AMP on transponder maintenance. | |  |
| 35 | **Removable ballast** | Check removable ballast mountings and securing devices for condition. (Including fin ballast, if applicable) Check that ballast weights are painted a conspicuous colour. Check that provision is made for the ballast on the loading placard. Check that the ballast arrangements as configured are supported by the Flight Manual (technical notes often require flight manual amendments). | |  |
| 36 | **Colour coding of controls** | Ensure that controls are colour coded in accordance with the AFM and in good condition, as follows.  Tow release: Yellow  Air Brakes: Blue  Trimmer: Green  Canopy normal operation: White  Canopy jettison: Red  Canopy Opening/closing handle that is also the jettison, should be white with a red ring or band around the handle. | |  |
| 37 | **Equipment stowed in centre section** | Check for security and condition. Check validity of any safety equipment. Check manufacturer’s and NAA (if required) data plates. | |  |
| 38 | **Wing struts/wires** | Inspect struts for damage and internal corrosion. Re-inhibit struts internally every 3 years or in accordance with the manufacturer’s instructions. | |  |
| 39 | **Drag chutes & controls** | Check for correct operation. Inspect chute, rigging lines, packing and release mechanism. Check packing intervals. | |  |
| 40 | **Water ballast system** | Check water ballast system, wing and tail tanks as fitted. Check filling points, level indicators, vents, dump and frost drains for operation and leakage.  If loose bladders are used check for leakage and expiry date as applicable. Ensure outside temp gauge is fitted and reads ambient temperature.  **Note if fin tank is fitted Always ensure it drains correctly** | |  |
| 41 | **Tailplane and elevator** | With tailplane de-rigged check tailplane and attachments, self-connecting and manual control connections, check condition of gel coat, fabric or metal skin.  All turbulator tapes are fitted correctly and in secure.  Check condition and fitment of sealing tape ref BGA Inspection 009/10/2000.  Control tape and Mylar seal inspection ref BGA Inspection 011/12/2000.  Generic Wooden structure inspection ref BGA Inspection 047/02/2006. | |  |
| 42 | **Left wing, winglet and tip extension**  **including underside registration markings** | Check mainplane structure externally and internally as far as possible. All vents and drain holes are clear. Check gel coat or fabric covering. Check registration marks are correctly applied. Ensure all boundary layer blow holes are not blocked and pressure feed system for them is serviceable. All turbulator tapes are fitted correctly and secure.  Inspect the structural attachments of winglet and wing attachments. Check for damage, wear, and security.  Ensure compliance with Generic Requirement 8, Fabric Inspection.  Generic Wooden structure inspection ref BGA Inspection 047/02/2006. | |  |
| 43 | **Left wing controls** | Inspect aileron and flaperon assemblies, hinges, control connections, springs/bungees, tapes and seals. Ensure that seals do not impair full range of movement.  Control tape and Mylar seal inspection ref BGA Inspection 011/12/2000. | |  |
| 44 | **Left air brake/spoiler** | Inspect air brake/spoiler panel(s) operating rods, closure springs, and friction devices as fitted. Check locking forces if specified by manufacturer or AD. | |  |
| 45 | **Left Flap** | Check flap system and control. Inspect self-connecting control devices. | |  |
| 46 | **Right wing winglet and tip extension including underside registration markings** | Check main plane structure externally and internally as far as possible. All vents and drain holes are clear. Check gel coat or fabric covering. Check registration marks are correctly applied. Ensure all boundary layer blow holes are not blocked and pressure feed system for them is serviceable. All turbulator tapes are fitted correctly and secure.  Inspect the structural attachments of winglet and wing attachments. Check for damage, wear, and security.  Ensure compliance with Generic Requirement 8, Fabric Inspection.  Generic wooden structure inspection ref BGA Inspection 047/02/2006 | |  |
| 47 | **Right wing controls** | Inspect aileron and flaperon assemblies, hinges, control connections, springs/bungees, tapes and seals. Ensure that seals do not impair full range of movement.  Control tape and Mylar seal inspection ref BGA Inspection 011/12/2000. | |  |
| 48 | **Right air brake/spoiler** | Inspect air brake/spoiler panel(s) operating rods, closure springs, and friction devices as fitted. Check locking forces as specified by AMM or AD | |  |
| 49 | **Right Flap** | Check flap system and control. Inspect self-connecting control devices.  Check flap system and control. Inspect connecting control devices. | |  |
| 50 | **Bonding/vents/**  **drain** | Check all bonding leads & straps. Check all vents and drains are clear from debris. | |  |
| 51 | **Lubrication** | Lubricate and replenish fluids in accordance with manufacturer’s requirements | |  |
| 52 | **Markings** | Check side and under-wing markings are correct. If applicable, an exemption for alternate display is approved. Ident plate for CAA registered aircraft present. Identification plate for National Aviation Authority registered aircraft is present. Other identification markings in accordance with local (national) rules. BGA Number on fuselage for BGA registered aircraft. | |  |
| 53 | **Mandatory checks** | Check for compliance of all mandatory modifications, airworthiness directives and inspections applicable to the airframe, accessories & equipment. Record compliance in the logbook.  State of design Type Certificate and STC holder AD list, BGA Compendium, BGA Technical News Sheet, BGA Mandatory inspections, manufacturer’s mandatory check list (if available). | |  |
| 54 | **Manufacturer’s recommendation and life inspections** | Review manufacturer’s maintenance schedules and instructions for continued airworthiness for the airframe to establish if any additional work, servicing or preservation action is required.  **Any Deviations from TCDS holder’s recommendations must be recorded and signed for by the owner.** | |  |
| 55 | **Control deflections, free play**  **and record them on worksheets** | Check and record range of movements and cable tensions (if specified), check free play. If no free play limits are specified in the manual, then no more than 3mm in trailing edge of control is permitted. | |  |
| 56 | **Duplicate inspections** | Record each item requiring a duplicate inspection on an additional worksheet and complete prior to releasing aircraft back to service. | |  |
| 57 | **Weighing** | Review weighing record to establish accuracy against installed equipment. Weigh the aircraft as required by the relevant regulation for air operation.  Check date of last weighing (BGA Maximum deviation period for re-weigh is 10 years). See Generic Requirement 10 and BGA AMP. However, between 9-year cycles, the C of G must be calculated in accordance with Part NCO. For EL1 aircraft the mass and centre of gravity (CG) position should be revised whenever the cumulative changes to the dry operating mass exceed ± 0.5 % of the maximum landing mass or, for aeroplanes, the cumulative change in CG position exceeds 0.5 % of the mean aerodynamic chord. This may be done by weighing the aircraft or by calculation. If the AFM requires to record changes to mass and CG position below these thresholds, or to record changes in any case, and make them known to the pilot-in-command, mass and CG position should be revised accordingly and made known to the pilot-in-command. | |  |
| 58 | **Placards**  **Speed/weight/**  **manoeuvre** | Check placard is correct and legible and accurately reflects the status of the aircraft in accordance with the AFM. | |  |
| 59 | **Hours** | Hours at this inspection. | |  |
| 60 | **Launches** | Launches at this inspection. | |  |
| 61 | **Modifications** | Review Logbook and verify that any modifications incorporated since last Airworthiness Certificate or ARC renewal have been approved and correctly embodied and recorded. | |  |
| 62 | **Logbook** | Complete Logbook entry. Ensure that all flying records are entered and up to date. | |  |
| 63 | **Flight Manual** | Verify that the Aircraft Flight Manual or Operating Handbook is at the latest revision. | |  |
| **Tasks 64 to 89 are only applicable to Powered Sailplanes** | | | | |
| 64 | **Engine pylons & mountings & flexible vibration dampers and starter motor (if fitted)** | Inspect engine and pylon installation. Check engine compartment and fire sealing. Check pylon for cracks and delamination if made from composites. Ensure all rubber parts (especially engine mounts) are not perished, cracked, or deteriorated. Check starter motor security, casing, wiring, condition of drive gear and flywheel if fitted. | |  |
| 65 | **Gas strut** | Check gas strut with AMM. | |  |
| 66 | **Pylon/engine stops** | Check limit stops on retractable pylons. Check restraint cables. | |  |
| 67 | **Electric actuator** | Inspect electric actuator, motor, spindle drive and mountings. | |  |
| 68 | **Electrical wiring, external and internal lights/strobes/**  **beacons** | Inspect all electrical wiring. Pay special attention to wiring that is subject to bending during extension and retraction of engine/pylon.  Check function of all lights. | |  |
| 69 | **Limit switches** | Check operation of all limit switches & strike plates. Ensure not damaged by impact. | |  |
| 70 | **Fuel tank** | Check fuel tank mountings, electrical bonding, and tank integrity. Check fuel quantity indication system if fitted. If a GRP tank is fitted ensure the integrity of the internal resin in case it has been affected by ethanol and other contaminants contained in certain fuels. Filling nozzle receptacle correctly labelled | |  |
| 71 | **Fuel pipes & vents** | Check all fuel pipes especially those that are subject to bending during extension and retraction of engine/pylon. Check vents clear. Ensure overboard drains do not drain into engine compartment. Check self-sealing couplings. Ensure all swaged fittings, jubilee clips are secure and there is no perishing. | |  |
| 72 | **Fuel cock or Shut off Valve** | Check operation of fuel cock or shut off valve & indications. | |  |
| 73 | **Fuel pumps and filters** | Clean or replace filters as recommended by manufacturer  Check operation of fuel pumps for engine supply or tank replenishment.  Check fuel pump controls and indications. | |  |
| 74 | **Decompression valve** | Inspect decompression valve and operating control. | |  |
| 75 | **Ignition and Spark plugs** | Carry out spark plug service. Check plug gaps. It is recommended to replace spark plugs at annual intervals. | |  |
| 76 | **Ignition, Harnesses & magneto** | Inspect Ignition system including spark plugs, distributor and cables for condition and damage. Inspect low-tension and high-tension wiring, connectors, spark plug caps. Check magneto-to-engine timing. | |  |
| 77 | **Propeller** | Inspect propeller, hub, prop bolts torque (if require) folding mechanism, brake, pitch change mechanism, stow sensors, belts and pulleys condition and tension. Lubricate all as required by TCDS holder. Check overhaul period and TBO of propeller. | |  |
| 78 | **Doors** | Check engine compartment doors, operating cables, rods and cams. | |  |
| 79 | **Safety springs** | Check all safety and counterbalance springs. | |  |
| 80 | **Extension and retraction** | Check extension and retraction operation times are within limits specified by manufacturer. Check light indications and interlocks for correct operation. Check for factory software updates every year. | |  |
| 81 | **Exhaust, turbocharger, cabin and carburettor heat.** | Inspect exhaust system, silencer, shock mounts and links. Pressure test cabin and carb heater exhaust heat exchanger (if applicable). Check turbocharger as required by TCDS holder.  See CAA CAP 562 CAAIP Leaflet B-190 for further guidance | |  |
| 82 | **Engine installation** | Carry out compression tests on all pistons and record results (for piston engines).  Compression test results:  No 1 (left/front); and  No 2 (right/rear).  Inspect engine and all accessories. | |  |
| 83 | **Lubrication** | Change engine oil and filter (cut filter open and check gauze for contamination and metal). Replenish oil and additive tanks. | |  |
| 84 | **Engine instruments and controls** | Inspect all engine instruments and controls. Check control unit, mounts, bonding, and connections. Carry out internal self-test if fitted. Check engine and propeller controls for full and free movement – throttle, mixture, carburettor heat, cowl flaps and propeller pitch. | |  |
| 85 | **Engine battery and capacity test** | If separate to airframe battery, Inspect battery and mountings. If main fuse is fitted check rating and condition. Carry out capacity test, refer to AMM l for guidance. | |  |
| 86 | **Placards** | Check all placards in accordance with Flight/Maintenance Manual and are legible. | |  |
| 87 | **Oil and fuel leaks** | Perform ground run (except with dive start engines). Check temperatures and pressures and indication within permitted range. With the engine fully serviced (and ideally still warm from a check run) check the fuel and oil system for leaks. | |  |
| 88 | **Mandatory checks** | Check for compliance of all mandatory modifications, Airworthiness Directives and inspections applicable to the engine, propeller, accessories & equipment. Record compliance in the logbook.  TCDS holder AD list, EASA AD list, Equipment ADs (including Technical notes and Service Bulletins) BGA Compendium, BGA Technical News Sheet, BGA Mandatory Inspections, BGA Compendium, in service issues, manufacturer’s mandatory check list (if available) and factory service bulletins and technical notes. | |  |
| 89 | **Manufacturer’s recommendation** | Review manufacturer’s maintenance schedules and instructions for continued airworthiness for the engine/propeller to establish if any additional work is required. All recommendations not carried out require an owner declared deviation. | |  |

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| **EASA Mandatory items.** Add ALIs (usually found in section 4 of modern AMM and TCDS), only add EASA and State of Design ADs that are recurring (add more rows/lines if required) | | |
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| **BGA CAO requirements** (found in Compendium and BGA inspections) and if desired add advisory Maintenance Manual recommendations (if embodied and not already included in the SDMP 267) add more rows/lines below if required. You can also add other maintenance you want to include on this form. For instance, Flarm software updates or reminders from the Maintenance Manual. | | |
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| Add any Deviations from TCDS holder and equipment manufacturer recommendations from mandatory service bulletins, AMM, AFM and TCDS. The BGA requires justification and Acceptable Means of Compliance for Deviations. No deviations are permitted from Airworthiness Directives or mandatory maintenance (ALIs) or BGA CAO requirements as specified in the Maintenance/Flight Manuals, TDCS, ADs and BGA Compendium (add more rows/lines if required) | | | | ***Owner must sign & date below*** |
| Service/life/tbo Interval | | Task Description | Engineering justification and alternative means  of compliance (AMC).  Add extra documents to this MIP section as required to support AMC and engineering justification of a deviation. |  |
| TC holder recommendations  (hrs/cyc/cal) | Changed to |  |  |
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| General Remarks | | | | | | |
| Date of ARC or BGA C of A expiry:  Other remarks: | | | | | | |
| Record identifying marks. | Fin: | | Fuselage: | | | Under wing: |
| **Certificate of Release to Service** | | | | | | |
| All work has been recorded in the appropriate logbook and all additional worksheets have accounted for and certified and for BGA registered gliders.  **Part 21 aircraft (formally known as EASA Aircraft)**  **BGA Inspector or Part 66 Engineers Certificate of Release to Service ML.A.801(e) CAA Approval No. UK.CAO.0025**  **Certifies that the work specified, except as otherwise specified, was carried out in accordance with Part-ML, and in respect to that work, the aircraft is considered ready for release to service** | | | | | | |
| (\* Written signature required) | | | | | | |
| Inspector Name: | | Signed | | Date: | BGA Inspector No: | |