# **BGA Airworthiness and Maintenance Procedure**

PILOT OWNER MAINTENANCE (AMP 2-1)

Version 1.2 Effective date 1 Oct 2016

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## 1. Introduction

Where an aircraft is used for private flying, the Air Navigation Order and EU regulation 1056/2008 allows certain work to be carried out and certified personally by the holder of a Private Pilots' Licence or glider equivalent who is the owner or operator of the aircraft concerned. Such aircraft must not exceed 2730 kg maximum total weight authorised and must not be used for commercial air transport. The nature of the work allowed to be carried out is specified in the Air Navigation Order and EU regulation as amended and form part of the approved maintenance programme. The aim of this Leaflet is to explain these requirements, identify permitted tasks and show how pilot owner maintenance should be certified in the aircraft Log Book.

## 2. Basic Principals

Here is an explanation of the basic principals taken from Part M (1056/2008) Appendix viii.

For 'he', please read he or her.

#### (a) Competence and responsibility

- i. For the purposes of Pilot-owner maintenance, a pilot is the owner or owner-syndicate partner (see 2d regarding club aircraft).
- ii. The Pilot-owner is always responsible for any maintenance that he performs.
- iii. Before carrying out any Pilot-owner maintenance tasks, the Pilot-owner must satisfy himself that he is competent to do the task. It is the responsibility of Pilot-owners to familiarize themselves with the standard maintenance practices for their aircraft and with the aircraft maintenance programme. If the Pilot-owner does not consider himself confident he should not carry out the maintenance and seek advice from a BGA inspector.
- iv. A pilot-owner cannot carry out and certify maintenance on an aircraft where he is not the owner or operator (see i. above).
- v. In the uncontrolled environment, as operated by the BGA, the Pilot-owner is responsible for identifying the Pilot-owner tasks according to these basic principles and combining them into the maintenance programme.

#### (b) Tasks

The Pilot-owner may carry out simple visual inspections or operations to check for general condition and obvious damage and normal operation of the airframe, engines, systems and components.

Maintenance tasks shall not be carried out by the Pilot-owner when the task:

- i. is critically safety related, whose incorrect performance will drastically affect the airworthiness of the aircraft or is a flight safety sensitive maintenance task and/or;
- ii. requires the removal of major components or major assembly unless otherwise specified in the flight manual as a pilot task and/or;
- iii. is carried out in compliance with an Airworthiness Directive or an Airworthiness Limitation Item, unless specifically allowed in the AD or the ALI and/or;
- iv. requires the use of special tools, calibrated tools (except torque wrench and crimping tool) and/or;
- v. requires the use of test equipment or special testing (e.g. NDT, system tests or operational checks for avionic equipment that is considered a maintenance or bench test) and/or;
- vi. is composed of any unscheduled special inspections (e.g. heavy landing, ground loop or similar check) and/or;
- vii. is effecting systems essential for the IFR operations and/or;
- viii. is listed as a Complex Maintenance task i.e. major repair, or is a component maintenance task i.e. instrument repair.

The criteria i to viii listed above cannot be overridden by less restrictive instructions in the Maintenance Programme.

Any task described in the aircraft flight manual as preparing the aircraft for flight (example: assembling/rigging the glider or a pre-flight inspection), is considered to be a pilot task, is not considered a Pilot-owner maintenance task and therefore does not require a Certificate of Release to Service.

### (c) Carrying out Pilot-owner maintenance - use of data and recording

Maintenance data, such as Flight or Maintenance manuals, must be always available during the conduct of Pilot-owner maintenance and must be complied with. Details of the data referred to in the conduct of Pilot-owner maintenance must be included in the Certificate of Release to Service.

In the BGA uncontrolled environment, Pilot-owner maintenance is recorded by way of log book entries.

#### (d) Club owned/leased aircraft – Pilot-owner maintenance

In the case of leased or club owned aircraft, suitably qualified pilots nominated by the operator or club that operates the aircraft, as specified on the aircraft registration document, may provide Pilot-owner maintenance. It is recommended that a record of the approval is maintained.

In the case of leased aircraft, the lessee is considered to be the operator/owner.

It strongly recommended that all personnel engaged in the maintenance of club aircraft are trained by a qualified BGA inspector. Refresher training should be undertaken at regular intervals.

# (e) Additional information

- i. Inspection tasks/checks of any periodicity included in an approved maintenance programme can be carried out providing that the specified tasks are included in the generic lists in tables A to C (below).
- ii. All scheduled maintenance checks, other than 50 hour or less, are required to be certified by an appropriately rated BGA inspector or licensed engineer. However certain elements within that check, with the agreement of the certifying inspector, may be certified by a pilot owner in accordance with this scheme. The completion certification is always signed by the BGA inspector. If a Pilot-owner wishes to carry out maintenance outside the scope of this leaflet, it must be under the supervision of an appropriately rated BGA inspector or licensed engineer who on satisfactory completion of the work will certify as such in accordance with Part M.

IT SHOULD BE NOTED THAT SOME TASKS ARE ONLY APPLICABLE TO CERTAIN CLASSES OF AIRCRAFT AS ANNOTATED:

ΑΤΑ	Area	Task	<1000kg	1000 – 2730 kg		
05	General	Maintenance checks. Only tasks as defined in Table A are permitted. All other tasks must be certified by an appropriately rated Part 66 licensed Engineer. The 150 FH & Annual maintenance check final sign off can only be certified by a Part 66 licensed engineer	Yes	Yes		
09	Towing	Towing Tow release unit and tow cable retraction mechanism – Cleaning, lubrication and tow cable replacement (including weak links). Mirror –Installation and replacement of mirrors.				
11	Placards	Mirror –Installation and replacement of mirrors. Placards, Markings – Installation and renewal of placards and markings required by AFM and AMM.	Yes Yes	Yes Yes		
12	Servicing	Lubrication – Not requiring a disassembly other than non structural items such as cover plates, cowlings and fairings.	Yes	Yes		
20	Standard Practices	Safety Wiring – Replacement of defective wiring or cotter keys, # Excluding those in engine, transmission, flight control systems.	Yes #	NO		
		Simple Non Structural Standard Fasteners – Replacement and adjustment, excluding the replacement of receptacles and anchor nuts requiring riveting.	Yes	Yes		
21	Air Conditioning	Replacement of flexible hoses and ducts.	Yes	Yes		
23	Communication.	Communication devices – Remove and replace self contained, front instrument panel mount communication devices with quick disconnect connectors, excluding IFR operations.	Yes**	Yes**		
24	Electrical power	Batteries – Replacement and servicing, excluding servicing of Ni-Cd batteries and IFR operations.	Yes**	Yes**		
		Wiring – Repairing broken circuits in landing light and any other wiring for non critical equipment, excluding ignition system, primary generating system and required communication, navigation system and primary flight instruments.	Yes	Yes		
		Bonding – Replacement of broken bonding cable.	Yes	Yes		
		Fuses – Replacement with the correct rating.	Yes	Yes		
25	Equipment	Safety Belts – Replacement of safety belts and harnesses excluding belts fitted with airbag systems.	Yes	Yes		
		Seats – Replacement of seats or seat parts not involving disassembly of any primary structure or control system.	Yes	Yes		

				-
		Non essential instruments and/or equipment - Replacement of self contained, front instrument panel mount equipment with quick disconnect connectors.	Yes	Yes
		Oxygen System – Replacement of oxygen bottle and system in approved mountings	Yes	Yes
		ELT – Removal / Re-installation.	Yes	Yes
26	Fire Protection	Yes	Yes	
27	Flight controls	Removal or re-installation of co-pilot control column and rudder pedals where provision for quick disconnect is made by design.	Yes	Yes
28	Fuel System	Yes	Yes	
		Fuel Filter elements – Cleaning and/or replacement.	Yes	Yes
31	Instruments	Instrument Panel– Removal and re-installation provided this it is a design feature with quick disconnect connectors, excluding IFR operations.	Yes**	NO
		Pitot Static System – Simple sense and leak check, excluding IFR operations.	Yes**	NO
		Drainage – Drainage of water drainage traps or filters within the Pitot static system excluding IFR operations.	Yes**	Yes**
		Flexible tubes - Replacement of damaged tubes excluding IFR operations.	Yes**	NO
32	Landing Gear	Wheels – Removal, replacement and servicing, including replacement of wheel bearings and lubrication.	Yes	Yes
		Hydraulic fluid – Replenishment of hydraulic fluid such as brake fluid.	Yes	Yes
		Shock Absorber – Replacement of elastic cords or rubber dampers.	Yes	Yes
		Shock Struts – Replenishment of oil or air.	Yes	NO
		Skis – Changing between wheel and ski landing gear.	Yes	Yes
		Landing skids – Replacement of landing skids and skid shoes.	Yes	Yes
		Wheel fairings (spats) – Removal and re- installation.	Yes	Yes
		Mechanical brakes – Adjustment of simple cable operated systems.	Yes	NO
		Brake – Replacement of worn brake pads or shoes. #excludes relining brake pads or shoes	Yes #	NO
33	Lights	Lights – Replacement of internal and external bulbs, filaments, reflectors and lenses.	Yes	Yes
34	Navigation	Software – Updating self contained, front instrument panel mount navigational software databases, excluding automatic flight control systems and transponders.	Yes	Yes
		Navigation devices – Removal and replacement of self contained, front instrument panel mount navigation devices with quick disconnect connectors, excluding automatic flight control systems, transponders, primary flight control system and IFR operations.	Yes**	Yes**

		Self contained data logger – Installation, data restoration.	Yes	Yes
51	Structure	Fabric patches – Simple patches extending over not more than one rib, not requiring rib stitching or removal of structural parts or control surfaces.	Yes	Yes
		Protective Coating – Applying preservative material or coatings where no disassembly of any primary structure or operating system is involved. #excludes painting of aircraft	Yes #	Yes #
		Surface finish - Minor restoration where no disassembly of any primary structure or operating system is involved This includes application of signal coatings or thin foils as well as registration markings. # excludes painting of aircraft.	Yes #	Yes #
		Fairings – Simple repairs to non structural fairings and cover plates which do not change the contour.	Yes	Yes
52	Doors	Doors - Removal and re-installation.	Yes	Yes
53	Fuselage	Upholstery, furnishing – Minor repairs which do not require disassembly of primary structure or operating systems, or interfere with control systems.	Yes	Yes
56	Windows	Side Windows - Replacement if it does not require riveting, bonding or any special process.	Yes	Yes
61	Propeller	Spinner – Removal and re-installation.	Yes	Yes
71	Powerplant installation	Cowling – Removal and re-installation not requiring removal of propeller or disconnection of flight controls.	Yes	Yes
72	Engine	Chip detectors – Removal, checking and re- installation provided the chip detector is a self sealing type and not electrically indicated.	Yes	Yes
73	Engine fuel	Strainer or Filter elements – Cleaning and/or replacement.	Yes	Yes
		Fuel - Mixing of required oil into fuel.	Yes	Yes
74	Ignition	Spark Plugs – Removal, re-installation and adjustment.	Yes	Yes
75	Cooling	Coolant - Replenishment of coolant fluid.	Yes	Yes
77	Engine Indicating	Engine Indicating – Removal and replacement of self contained, front instrument panel mount indicators that do not employ direct reading connections.	Yes	NO
79	Oil System	Strainer or filter elements – Cleaning and/or replacement.	Yes	Yes
		Oil – Changing or replenishment of engine oil and gearbox fluid.	Yes	Yes

# Table B – Pilot-owner maintenance tasks for EASA sailplanes and powered sailplanes, and for BGA Annex II gliders

Abbreviations applicable to this table: N/A - not applicable for this category, SP - sailplane SSPS – self-sustaining powered sailplane, SLPS/TM - self launching powered sailplane/TMG

ATA	Area	Task	SP	SSPS	SLPS/TM
05	General	Maintenance checks. Only tasks as	N/A	Yes	Yes
		defined in Table B are permitted. All other			
		tasks must be certified by an appropriately			
		rated BGA inspector.			
		The 150 FH & Annual maintenance check			
		final sign off can only be certified by a			
		BGA inspector			
08	Weighing	Recalculation – Small changes of the Trim	Yes	Yes	Yes
		plan without needing a reweighing.			
09	Towing	Tow release unit – Cleaning, lubrication	Yes	Yes	Yes
		and replacement of unit not involving			
		disassembly of any primary structure,			
		control system or additional adjusting.			
		Mirror – Removal and re-installation of	N/A	N/A	Yes
		mirrors.			
11	Placards	Placards, Markings – Installation and	Yes	Yes	Yes
		renewal of placards and markings			
		required by AFM and AMM.			
12	Servicing	Lubrication – Not requiring a disassembly	Yes	Yes	Yes
		other than non structural items such as			
		cover plates, cowlings and fairings.			
20	Standard.	Safety Wiring – Replacement of defective	Yes #	Yes #	Yes #
	Practices	wiring or cotter keys.			
		#Excluding flight or engine control			
		systems			
		Simple Non Structural Standard Fasteners	Yes	Yes	Yes
		- Replacement and adjustment, excluding			
		the replacement of receptacles and			
		anchor nuts requiring riveting.			
		Free play – Measurement of the free play	Yes	Yes	Yes
		in the control system and the wing to			
		fuselage attachment including minor			
		adjustments by simple means provided by			
		the manufacturer.			
21	Air	Replacement of flexible hoses and ducts.	Yes	Yes	Yes
	Conditioning				
23	Communication	Communication devices – Remove and	Yes	Yes	Yes
		replace self contained, front instrument			
		panel mount communication devices with			
		quick disconnect connectors.			
24	Electrical	Batteries and solar panels –	Yes	Yes	Yes
	power	Replacement and servicing.			
		Wiring - Installation of simple wiring	Yes	Yes	Yes
		connections to the existing wiring for			
		additional equipment such as electric			
		variometers, flight computers but			
		excluding communication, navigation			
		systems and engine wiring.			
		Wiring – Repairing broken circuits in	Yes	Yes	Yes
		landing light and any other wiring for non			
		critical equipment, excluding ignition			
		system, primary generating system and			
	1	- cycloin, prinary generating cycloin and			

		required communication, povidation			
		required communication, navigation system and primary flight instruments.			
		Bonding – Replacement of broken bonding cable.	Yes	Yes	Yes
		Switches – Replacement without soldering.	Yes	Yes	Yes
		Fuses – Replacement with the correct rating.	Yes	Yes	Yes
25	Equipments	Safety Belts – Replacement of safety belt and harnesses.	Yes	Yes	Yes
		Seats – Replacement of seats or seat parts not involving disassembly of any primary structure or control system.	Yes	Yes	Yes
		Non essential instruments and/or equipments - Replacement of self contained, front instrument panel mount equipment with quick disconnect connectors.	Yes	Yes	Yes
		Removal and installation of non required instruments and/or equipment.	Yes	Yes	Yes
		Wing Wiper, Cleaner – Servicing, removal and re-installation not involving disassembly or modification of any primary structure, control	Yes	Yes	Yes
		Static Probes – Removal or re-installation of variometer static and total energy compensation probes.	Yes	Yes	Yes
		Oxygen System – Replacement of Oxygen Bottle and System.	Yes	Yes	Yes
		Air Brake Chute – Installation and servicing	Yes	Yes	Yes
		ELT – Removal / Re-installation.	Yes	Yes	Yes
26	Fire Protection	Fire Warning – Replacement of sensors and indicators.	N/A	Yes	Yes
27	Flight Control	Gap Seals – Installation and servicing if it does not require complete flight control removal.	Yes	Yes	Yes
		Control System – Measurement of the control system travel without removing the control surfaces.	Yes	Yes	Yes
		Control Cables – Simple optical Inspection for Condition.	Yes	Yes	Yes
		Gas Dampener – Replacement of Gas Dampener in the Control or Air Brake System.	Yes	Yes	Yes
		Co-pilot stick and pedals - Removal or re- installation where provision for quick disconnect is made by design.	Yes	Yes	Yes
28	Fuel System	Fuel lines – Replacement of prefabricated fuel lines fitted with self sealing couplings.	N/A	Yes	Yes
		Fuel Filter – Cleaning and/or replacement.	N/A	Yes	Yes
31	Instruments	Instrument Panel– Removal and re- installation provided this is a design feature with quick disconnect, excluding IFR operations.	Yes	Yes	Yes
		Pitot Static System – Simple sense and leak check.	Yes	Yes	Yes
		Instrument Panel vibration damper / shock absorbers- Replacement.	Yes	Yes	Yes

			1		
		Drainage – Drainage of water drainage traps or filters within the Pitot static	Yes	Yes	Yes
		system.			
		Flexible tubes - Replacement of damaged tubes.	Yes	Yes	Yes
32	Landing Gear	Wheels – Removal, replacement and	Yes	Yes	Yes
		servicing, including replacement of wheel			
		bearings and lubrication.			
		Hydraulic fluid – Replenishment of	Yes	Yes	Yes
		hydraulic fluid such as brake fluid.			
		Shock Absorber – Replacement or	Yes	Yes	Yes
		servicing of elastic cords or rubber			
		dampers.			
		Shock Struts – Replenishment of oil or air.	Yes	Yes	Yes
		Landing gear doors - Removal or re-	Yes	Yes	Yes
		installation and repair including operating	103	103	103
		straps.			
		Skis – Changing between wheel and ski	Yes	Yes	Yes
		landing gear.	165	165	165
		Skids – Removal or re-installation and	Yes	Yes	Yes
			res	res	res
		servicing of main, wing and tail skids.	Vee	Vee	Vaa
		Wheels fairing (spats) – Removal and re-	Yes	Yes	Yes
		installation.			
		Mechanical brakes – Adjustment of simple	Yes	Yes	Yes
		cable operated systems.			
		Brake – Replacement of worn brake pads.	Yes	Yes	Yes
		Springs – Replacement of worn or aged	Yes	Yes	Yes
		springs.			
		Gear Warning – Removal or re-installation of simple gear warning systems.	Yes	Yes	Yes
33	Lights	Lights – Replacement of internal and	N/A	N/A	Yes
		external bulbs, filaments, reflectors and			
		lenses.			
34	Navigation	Software – Updating self contained, front	Yes	Yes	Yes
	<b>J</b>	instrument panel mount navigational			
		software databases, excluding automatic			
		flight control systems and transponders			
		and including update of non required			
		instruments / equipments.			
		Navigation devices – Removal and	Yes	Yes	Yes
		replacement of self contained, front			
		instrument panel mount navigation			
		devices with quick disconnect connectors,			
		excluding automatic flight control systems,			
		transponders, primary flight control			
		system.			
		Self contained data logger – Installation,	Yes	Yes	Yes
		data restoration	165	165	165
51	Structure	Fabric patches – Simple patches	Yes	Yes	Yes
51	Structure		165	165	165
		extending over not more than one rib, not			
		requiring rib stitching or removal of structural parts or control surfaces.			
			Yes #	Vaa #	Yes #
		Protective Coating – Applying	res#	Yes #	Tes#
		preservative material or coatings where			
		no disassembly of any primary structure or			
		operating system is involved.			
		# Excludes painting of aircraft			<u> </u>
		Surface finish - Minor restoration where	Yes #	Yes #	Yes #
		no disassembly of any primary structure or	1		

		opproting system is involved This includes			1
		operating system is involved This includes application of signal coatings or thin foils			
		as well as Registration markings.			
		# Excluded painting of aircraft			
		Fairings – Simple repairs to non structural	Yes	Yes	Yes
		fairings and cover plates which do not			100
		change the contour.			
52	Doors	Doors - Removal and re-installation.	Yes	Yes	Yes
53	Fuselage	Upholstery, furnishing – Minor repairs	Yes	Yes	Yes
		which do not require disassembly of			
		primary structure or operating systems, or			
		interfere with control systems.			
56	Windows	Side Windows - Replacement if it does not	Yes	Yes	Yes
		require riveting, bonding or any special			
		process. Canopies - Removal and re-fitment.	Yes	Yes	Yes
		Gas dampener – Replacement of Canopy	Yes	Yes	Yes
		Gas dampener.	165	165	165
57	Wings	Wing Skids – Removal or re-installation	Yes	Yes	Yes
01		and service of lower wing skids or wing			
		roller including spring assembly.			
		Water ballast – Removal or re-installation	Yes	Yes	Yes
		of flexible tanks.			
		Turbulator and sealing tapes – Removal	Yes	Yes	Yes
		or re-installation of approved sealing			
		tapes and turbulator tapes.			
61	Propeller	Spinner – Removal and re-installation.	N/A	Yes	Yes
71	Power Plant	Removal or installation of power plant unit	N/A	Yes #	NO
		including engine and propeller. (provided			
		the task is identified in the flight manual as a Pilot task)			
		# Power Plant installation final sign off			
		certified by a BGA inspector only.			
		Cowling - Removal and re-installation not	N/A	Yes	Yes
		requiring removal of propeller or			
		disconnection of flight controls.			
72	Engine	Chip detectors – Removal, checking and	N/A	Yes	Yes
		re-installation provided the chip detector is			
		a self sealing type and not electrically			
		indicated.			
70	Engine fire!	Rotax CCBCT check	N/A	Yes	No
73	Engine fuel	Strainer or Filter elements – Cleaning	N/A	Yes	Yes
		and/or replacement. Fuel - Mixing of required oil into fuel.	N/A	Yes	Yes
74	Ignition	Spark Plugs – Removal, re-installation	N/A N/A	Yes	Yes
17		and adjustment.		103	103
75	Cooling	Coolant – Replenishment of coolant fluid.	N/A	Yes	Yes
76	Engine	Controls – Minor adjustments of non-flight	N/A	Yes	NO
	Controls	or propulsion controls whose operation is			
		not critical for any phase of flight.			
77	Engine	Engine Indicating – Removal and	N/A	Yes	Yes
	Indicating	replacement of self contained, front			
		instrument panel mount indicators that do			
70		not employ direct reading connections.			
79	Oil System	Strainer or Filter elements – Cleaning	N/A	Yes	Yes
		and/or replacement Oil – Changing or replenishment of engine	N/A	Yes	Yes
		oil and gearbox fluid.	IN/A	162	162
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# Table C – Pilot-owner maintenance tasks for CAA Annex II aircraft including CAA Annex II powered sailplanes

Abbreviations applicable to this table: >2730 – Aircraft up to 2730 KGS MTOW SLPS/TM – self-launching powered sailplane/touring motor glider

ΑΤΑ	Area	Task	SLPS/MG	>2730
05	General	Maintenance Checks up to 50hr/6 months but not including the certification of applicable Airworthiness Directives (AD's).	Yes	Yes
20	Standard practices	Replacement of defective safety wiring or split pins excluding those in engine, transmission, flight control and rotor systems;	Yes	Yes
23	Communication	Replacement of VHF communication equipment, being equipment which is not combined with navigation equipment.	Yes	Yes
24	Electrical power	Replacement of batteries	Yes	Yes
		Replacement of generator and fan belts designed for removal where special tools are not required;	Yes	Yes
25	Equipment	Repairs to upholstery and decorative furnishing of the cabin or cockpit interior when repair does not require dismantling of any structure or operating system or interfere with an operating system or affect the structure of the aircraft	Yes	Yes
		Replacement of safety belts or safety harness;	Yes	Yes
		Replacement of seats or seat parts not involving dismantling of any structure or of any operating system	Yes	Yes
32	Landing gear	Replacement of landing gear tyres, landing skids or skid shoes;	Yes	Yes
		Replacement of elastic shock absorber cord units on landing gear where special tools are not required;	Yes	Yes
51	Structure	Patch-repairs to fabric not requiring rib stitching or the removal of structural parts or control surfaces, if the repairs do not cover up structural damage and do not include repairs to rotor blades;	Yes	Yes
		Repairs, not requiring welding, to fairings, non- structural cover plates and cowlings	Yes	Yes
56	Windows	Replacement of side windows where that work does not interfere with the structure or with any operating system;	Yes	Yes
57	Wings	Replacement of wings and tail surfaces and controls, the attachments of which are designed to provide for assembly immediately before each flight and dismantling after each flight;	Yes	Yes
33	Lights	Replacement of bulbs, reflectors, glasses, lenses or lights	Yes	Yes
72	Power plant	Replacement of any cowling not requiring removal of the propeller, rotors or disconnection of engine or flight controls	Yes	Yes
74	Ignition	Replacement of unserviceable sparking plugs	Yes	Yes

# 4. Sources of Information

Further information on the requirements for Pilot Maintenance may be obtained from;

- CAA approved maintenance programmes
- BGA Generic Maintenance Schedule
- Manufacturers published information in the form of Maintenance Manuals, Operating Hand Books or Flight manuals
- Regulation EC 2042/2003 (Part M) amended by 1056/2008 M.A.803 and Appendix viii.

## 5. Monitoring Pilot-Owner Maintenance

Pilot-owner maintenance standards of club aircraft in particular should be monitored by a BGA inspector to verify that standards are being maintained.

Discrepancies must be reported to the BGA CTO or Quality Manager.

Pilot-owner maintenance compliance is considered during routine audit activity.

## 6. CERTIFICATION OF PILOT-OWNER MAINTENANCE

Pilot-owner maintenance must be recorded. The pilot-owner must quote the relevant pilot licence number.

Examples of certification of pilot-owner maintenance are illustrated on pages 12 and 13 below;

Page 12 - Example BGA 205 Worksheet Page 13 - Example Logbook Entry

If a mandatory inspection is due as part of the maintenance activity, then a suitably qualified inspector/engineer must sign for at least the mandatory items.

## **EXAMPLE BGA 205 WORKSHEET**

Reg: G-ABCD		Type: ASK13		File Ref: BGA CLUB 1	
Date: 1/04/15		Check/Zone: DEFECT		Sheet: 1of1	
No.	Defect	Action		1	Completed
1	Flat mainwheel tyre		Wheel disassem walls found peris area worn in pun New items fitted Tyres. See attact for tyre and CFC Wheel reassemb 36 PSI. Creep m	shed and large actured inner tube. supplied by Watts hed EASA form 1 for tube. oled and inflated to ark applied and a into glider. Wheel	GM

Annex II Aircraft;

The work recorded above has been carried out i.a.w. BGA Airworthiness Exposition 2003, 3.8 & 4.9. (2008 version Part 3, 3.2 & Part 4, 8.2)

EASA Aircraft;

BGA Inspector or Part 66 Engineers Certificate of Release to Service (Part M M.A.801) Certifies that the work specified, except as otherwise specified, was carried out in accordance with Part-M and in that respect is considered ready for release to service.

Pilot-Owner Certificate of Release to Service (Part M M.A.803, Appendix viii & BGA AMP Leaflet 2-1) Certifies that the limited pilot-owner maintenance specified, except as otherwise specified, was carried out in accordance with Part M and in respect to that work the aircraft is considered ready for release to service

Signed: J Bloggs BGA Authorisation/Licence No: 123456 LH Date: 01/04/15

#Tick appropriate box. BGA Approval No. DAI/8378/73, M.F. 0007.

# Example of Pilot-owner maintenance logbook certification

Date	No. of Flight	Flight T	ime	Total Manu e	Since factur	Engin e Cycle	The work recorded below has been carried out in accordance with the requirements of the Air Navigation Order for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.			
1	s 2	3 h	m	4 h	m	s 5	Particulars of Maintenance and Other Work Carried Out on the Aircraft		Signature Authority Date 7	
Total bf.	246			197	50					
20/4/08	2	2	40	200	30		Non-J	EASA Aircraft		
21/4/08	3	2	25	202	55			C of A		
25/4/08	1	1	10	204	05					
6/5/08	4	4	30	208	35					
12/5/08	1	1	30	210	05		50 hour check carried out I.A.W. LAMS/A/1999 issu			
13/5/08	2	2	25	212	30			J Smith 13/5/08		
								PPL 12345		
							50 hour check carried out I.A.W. LAMP/A/2007 issue 1 J Smith 13/5/08			
									PPL 12345	
							E	EASA Aircraft		
Total cf.							EAS	A C of A & ARC		

Example shows correct format for Private Pilot certified maintenance for aircraft used for private flying. Note: The certification for non-EASA aircraft is in the main section (box 6). The certification for EASA aircraft is in the CRS section (box 7).