BMAA 3-AXIS / 2-AXIS INSPECTION WORKSHEET

Reg: G-	**Type:**	**Serial No.:**	**BRS fitted? YES / NO**
Does aircraft reflect G-INFO?	**YES / NO**	**A/F hrs at last 31st Dec:**	
Date of last weighing:	**MTOW:**	**A/F hrs at inspection:**	
Type Approved (BM) or Type Accepted(BM0)		*Amateur Build (HM) including Microlight Aircraft Approval Note*	
TADS No. BM _____ Issue ____ or HADS No. HM _____ Issue_____ + MAAN(s)_____ Issue_____			

1	**General & Documentation**	**Comments**	**✓✗**	**N/A**
1.1	Obtain Logbook and record start of inspection.			
1.2	Registration Document / Permit to Fly / Noise Certificate			
1.3	Weight & CG Report + logbook entry			
1.4	Relevant POH / AMM available			
1.5	All relevant MPDs (inc. CAP 661) complied with and certified			
1.6	Lifed parts replaced or extended (only if allowed)			
1.7	Airframe, Engine & Prop hours properly recorded & totalled			
1.8	All Mandatory Maintenance & SBs certified in logbook			
1.9	Origin and fitness of replacement parts			
1.10	MAANs and Modifications approved & certified in logbook			
1.11	Registration Marks, Airframe S/N & Engine S/N checked			
1.12	Placards checked against TADS / HADS / MAANs			
1.13	Batten Plan with Aircraft Registration letters (if applic.)			
2	**Airframe and flying controls:**	**Comments**	**✓✗**	**N/A**
2.1	Fuselage monocoque structure (for all metal/all composite)			
2.2	Brackets, fittings, plates and joint assemblies			
2.3	Tubes and Struts			
2.4	Fuselage keel tubes/booms & cockpit tubes			
2.5	Nosewheel / tailwheel steering, rudder linkages			
2.6	Suspension			
2.7	Main U/C,wheels,wheel bearings, axles, tyres, brakes			
2.8	Seat frames / seats, doors, canopy & windscreen			
2.9	Seat harnesses, buckles & fabric			
2.10	Instruments and electrics			
2.11	Control cables, pushrods.			
2.12	Control column, rudder pedals, mechanism			
2.13	Pulleys and retainers			
2.14	Fairleads and guides			
2.15	Engine frame			
2.16	Control horns			
2.17	Vents and drain eyelets			
2.18	Servicing / checks up to date (airframe)			
3	**Powerplant:**	**Comments**	**✓✗**	**N/A**
3.1	Engine mounting and attachments, cowlings and firewall			
3.2	Flexible mountings			
3.3	Exhaust system, silencer and supports			
3.4	Gearbox or reduction drive			
3.5	Crankcase, prop-shaft, flanges, bolts			
3.6	Propeller (approved combination?)			
3.7	Carburettor, air intake, security			
3.8	Fuel tank, cap and vent (drip tray)			
3.9	Fuel lines, filter, fuel cock, pump			
3.10	Cooling system			
3.11	Oil system			
3.12	Engine controls (throttle/s, choke/s, mixture if fitted).			
3.13	Starting system			
3.14	Electrical system, charging, low tension, lights, fusing			
3.15	Ignition switches, plugs, leads			
3.16	Compression test & Conrod Bearing Clearance Test (opt.)			
3.17	Servicing / checks up to date (engine)			
3.18	Engine ground run (opt.)			

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Reg: **G-**				Continuation sheet
4	**Wing and empennage structures:**	**Comments**	**✓✗**	**N/A**
4.1	Wing & tail monocoque structures (all metal/all composite)			
4.2	Wing leading edges			
4.3	Mainspar, Rear Spar, Drag Spar			
4.4	Aileron / spoileron structure			
4.5	Flaps structure			
4.6	Tailplane leading and trailing edges			
4.7	Elevator framework and support			
4.8	Fin leading and trailing edge(s)			
4.9	Fin spar			
4.10	Rudder framework and structure			
4.11	Battens and bungees/clips			
4.12	Servicing / checks up to date (wing & empennage)			
5	**Rigging:**	**Comments**	**✓✗**	**N/A**
5.1	Cables, thimbles, swages and tangs			
5.2	Tangs, turnbuckles, toggles and clamps			
5.3	Wing/Strut/Cable attachments			
6	**Coverings and panels:**	**Comments**	**✓✗**	**N/A**
6.1	Stitching, seams			
6.2	Damage, abrasion spots, tears			
6.3	Betts test as required: **Material** _____ **Stitching** _____ **gms** **Sail Fabric** _____ **gms**			
6.4	Discoloration, UV damage			
6.5	Batten pockets			
6.6	Covering material			
6.7	Sail attachments / fabric security			
6.8	Registration letters			
6.9	Skin panels			
7	**General condition and conformity:**	**Comments**	**✓✗**	**N/A**
7.1	Fasteners - nuts, bolts, washers, pip-pins, rivets			
7.2	Welds			
7.3	Corrosion levels			
7.4	General rigging and symmetry			
7.5	Overall condition of aircraft			
7.6	Configuration state – no omissions from basic design std.			
7.7	Configuration state – no unauthentic parts/equip't evident			
8	**Flight & Ancilliary controls:**	**Comments**	**✓✗**	**N/A**
8.1	Check controls for full and free movement			
8.2	Check range, operation and sense of trim system if fitted			
8.3	Controls - check end stops correct/present			
8.4	Controls - placarding if/where required			
9	**Form & Process Completion:**			
9.1	Record end of inspection in logbook & return to owner			
9.2	Complete AW/007 & give to owner			
9.3	Advise owner of any advisory items found during inspection			
9.4	Ensure all inspection panels are replaced			

BMAA INSPECTOR DECLARATION & PERMIT FLIGHT RELEASE CERTIFICATE (PFRC)

I have inspected the aircraft IAW the requirements of SIGMA for the revalidation of a Permit to Fly. Where the aircraft has passed the inspection this form acts as a PFRC (for 60 days), releasing the aircraft for check flying IAW the BMAA Check Flying Handbook

PASS *- Please tick box if this is a record of a* ***PASSED*** *inspection* ☐

FAIL *- Please tick box if this is a record of a* ***FAILED*** *inspection* ☐

Inspector Signature:		***Date completed:***		
Inspector Name:		***Insp & BMAA No.:***		