



BMAA Inspectorate Notice: SIGMA 2.2

Dated: 16/11/2015

Note to all BMAA Inspectors

SIGMA 2.2 is currently live on the BMAA website. Section 4 regarding all inspection processes and activities has been updated in accordance with A8-26. Also the new BMAA weighing policy is documented, referencing the completely revised [TIL012 Weight, Balance & Weighing](#).

A summary of SIGMA update may be found below:

Amendment page – updated.

Contents – updated.

Section 1: The Introduction:

- **p1-1:** Reference to new A8-26 approval and associated change of scope

Section 4: Inspections:

- **Contents updated**
- **p4-5:** Inspection for Revalidation of Permit to Fly
- **p4-7:** Inspection of modifications.
- **p4-9:** Inspection of weight and balance.
- **p4-11:** The Duty of an Inspector
- **p4-15:** Second inspections by BMAA Inspectors.
- **p4-17:** Rule of Thumb
- **p4-20:** The Permit validation inspection.
 - Required BMAA Paperwork
 - Required Aircraft Paperwork
- **p4-22:** The Inspection Process - THE END
- **p4-24:**
 - Delivery of the documentation
 - Processing of the documentation
- **p4-25:** Rejection of the documentation
- **p4-26:** Filling our form AW/001 'BMAA Application for annual validation of a Microlight Permit to Fly
- **p4-28:** Inspection Schedule Annotation
- **p4-29:** Check Box Elaborations of the Inspection Schedule
- **p4-30:** Registration Document / Permit to Fly / Noise Certificate
- **p4-32:** Fuselage monocoque structure – all composite

- **p4-34:** Propeller Guard [Powered Parachute]
- **p4-35:**
 - Wheels, wheel bearings, axles tyres & brakes [Powered Parachute & Flexwing]
 - Pod, spats, fairings, windscreen & fabric skirts [Powered Parachute & Flexwing]
 - Instruments and electrics
 - Control cables & pushrods
- **p4-37:**
 - Main U/C, wheels, wheel bearings, axles, tyres & brakes [3-axis]
 - Control cables, pushrods [3-axis]
- **p4-38:** Powerplant [All]
- **p4-40:**
 - Cooling system [All]
 - Oil system [All]
 - Engine controls (throttle(s), choke(s), mixture if fitted) [All]
 - Starting system [All]
- **p4-42:**
 - Canopy Structure [Powered Parachute]
 - Cables, straps, maillons, gates [Powered Parachute]
 - Brake lines, cascade & core withdrawals [Powered Parachute]
 - Line attachment points, connector links [Powered Parachute]
 - Karabiners, screw locks, cleats, cam buckle pulleys [Powered Parachute]
 - Trim lines, stretch check against Maintenance Manual [Powered Parachute]
 - Ribs [Powered Parachute]
- **p4-43:**
 - Keel (and bowsprit / fin tube if fitted) [Flexwing]
 - Control frame including uprights and fittings [Flexwing]
 - King post & lufflines [Flexwing]
- **p4-44:**
 - Battens & Bungees [Flexwing]
 - Wing & tail monocoque structures (all metal / all composite) [3-axis]
 - Main spar, Rear spar & Drag spar [3-axis]
- **p4-45:** Battens & Bungees/clips [3-axis]
- **p4-46:** Canopy [Powered Parachute]
 - Fabric Discoloration [Powered Parachute]
 - Porosity and Permeability [Powered Parachute]
- **p4-47:** Sail Degradation (Bettsometer & Brooksmeter testing) [Flexwing]
- **p4-49:** Degradation (Bettsometer test if appropriate) [3-axis]
- **p4-50:** Flight & Ancillary Controls
 - Check controls for Full and free movement [All]
 - Check range, operation and sense of trim system (if fitted) [All]
 - Controls – check end stops [3-axis]
 - Controls – check placarding if/where required [3-axis]
- **p4-51:** Inspector's Paperwork
- **p4-52:** Inspector Declaration
 - Permit Flight Release Certificate (PFRC)
- **p4-59:** Inspection of Standard Minor Modifications
- **p4-60:** Filling Form BMAA/AW/002a 'Assessment of Proposed Modification'
- **p4-62:** Inspection of Repairs
- **p4-64&65:** Inspection of Repairs by Replacement

Section 8: Where to find information:

- **p8-1:** Service Bulletins

Appendix B - Acronyms

- Para 8.1.8 The BMAA Online Forum updated.

To view the entire document, please click the link below:

[SIGMA 2.2](#)

Kind regards,
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