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

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**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:

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Kind regards,
Rob

Rob Mott
Chief Inspector
British Microlight Aircraft Association
01869 336005
robert@bmaa.org