



## British Moth Boat Association Sail measurement form

Conforming with Construction Plans dated March 1980 and the Class Rules incorporating all amendments and revisions up to August 2018

Owners Name.....

Registered Sail Number.....

Dimensions in brackets refer to Mini-Moth Sail.

Mini-Moth or full size.....

Flexible material OK.....

Straight Leech..... 5537 (4482) mm max

Half height..... 1640 (1476) mm max

Three-quarter height..... 1095 (900) mm max

Head to mid foot..... 5478 (4665) mm max

Headboard OK..... 120 mm max

Overhang on top batten OK..... 100 mm max

Max roach extension aft of headboard (see sail diagram) OK..... 100 mm max

Batten length OK..... 762 mm max

Batten spacing OK..... Equal centre lines

Sail insignia correct ( Red M on white background) Sail OK.....

numbers correct OK..... above tack

Height of sail numbers OK..... 1783 (1515) mm min

Sail Maker.....

### Measurers Declaration

I have measured the sail belonging to British Moth registered sail number ..... And confirm that it meets Class requirements. I have signed and dated it and marked it with my unique identification mark (measurers initials plus the date will be acceptable).

Name of measurer..... Club.....

Signature of measurer..... Date.....

Note: Details of the sail and its identification mark should be entered on the Boats logbook.



# British Moth Boat Association

## Sail measurement form

Measurers Guidance notes

### 11) Sail

(See sail measurement form for sketch).

- (a) The sail shall be made of flexible materials and may contain a window. The sail shall be capable of being stowed in a normal sailbag of 305mm diameter.
- (b) The sail shall be roped for a luff groove or track.
- (c) The sail measurements shall include luff and foot ropes. (Figures in brackets are for Mini-Moth sail)

<ul style="list-style-type: none"><li>(i) Straight line leech (i.e. straight distance between head and clew) shall not exceed 5537 (4782) mm.</li><li>(ii) Half-height width measurement point to be found by folding the head to clew and marking the leech at the fold. The distance from the leech mark to the nearest point on the luff not to exceed 1640mm.</li><li>(iii) Three quarter height width measurement point to be found by folding the head to the half-height leech mark and marking the leech at the fold. The distance from the leech mark to the nearest point on the luff not to exceed 1095mm.</li><li>(iv) In the case of a loose-footed sail, the maximum distance between the head and the lower edge of the sail shall be 5478 (4665) mm</li><li>(v) The distance between the leading edge of the luff rope to the aft edge of the headboard and sail shall not exceed 120mm, measured at right angles to the aft side of the mast.</li><li>(vi) Battens : the sail shall have three battens of maximum length 762mm, except that the top batten may be of any length, provided that it does not extend more than 100mm beyond the leech of the sail at any time.</li><li>(vii) The center lines of the batten pockets shall fall within plus or minus 25mm of the points dividing the leech from head to clew into four equal parts.</li><li>(viii) After measurement in conformity with this rule, the measurer shall sign and date the sail indelibly in the vicinity of the tack.</li><li>(ix) No part of the permissible roach extension above the three quarter height shall project more than 100mm beyond a straight line connecting the top aft edge of the head board and the three quarter leech mark. Note, roach extension must reduce to zero at the aft edge of the head board and the three quarter leech mark. Roach extension below the three quarter height is not allowed.</li></ul>	<h3>SAIL DIAGRAM</h3> <div style="text-align: right; border: 1px solid black; padding: 2px; font-size: small;">REVISED August 2017</div> <p>Note: permissible roach extension above the <math>\frac{3}{4}</math> height must not violate 120mm head width</p> <p>Note: Details of the sail and its identification marks should be entered on the boats logbook. This diagram is for illustration purposes only. Refer to section 11 of the BMBA Class Rules for full description.</p> <p>Point C if foot rope fitted</p>
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