

INTERNATIONAL OPTIMIST CLASS

Sail Measurement Form

Only page 1 need be completed if the Optimist has not yet been allocated a sail number.

Sailmaker's name: _____ Date manufactured: _____

Sail button number: _____ Date measured: _____

Owner's Name: _____

Measurer's Name IN BLOCK CAPITALS: _____

Sails must be measured by an independent measurer (See CR 2.5.3)

- Notes: 1. The measurer shall enter the actual measurements in the boxes where appropriate.
 2. If the sail complies with all the requirements, the measurer shall sign and date it.
 3. Cross out OK / Not OK as required.

| ITEM | Dimension no [as per rule 6.4] | MEASUREMENT | Min. (mm) | Actual (mm) | Max. (mm) |
|------|-----------------------------------|--|-----------|------------------|-----------|
| 1 | 2 | Head length | | | 1240 |
| 2 | 6 | Luff length | | | 1730 |
| 3 | 9 | Upper edge of luff measurement band to throat point | | | 600 |
| 4 | 8 | Length of luff measurement band | 60 | | |
| 5 | 7 | Width of luff measurement band | 5 | | |
| 6 | 3 | Diagonal | 2450 | | 2580 |
| 7 | 1 | Leech length | | | 2800 |
| 8 | 22 | Peak point to intersection of leech and lower corner of lowermost batten pocket | 1850 | | 1950 |
| 9 | 21 | Peak point to intersection of leech and lower corner of uppermost batten pocket | 900 | | 1000 |
| 10 | 25 | Deviation from straight line between lower corner of lower batten pocket and clew point | -10 | | 5 |
| 11 | 24 | Deviation from straight line between lower corner of top batten pocket and upper corner of lower batten pocket | -10 | | 5 |
| 12 | 26 | Deviation from straight line between the lower corner of the upper batten pocket and clew point | -5 | | 20 |
| 13 | 23 | Deviation from straight line between peak point and upper corner of upper batten pocket | -10 | | 5 |
| 14 | | Half Luff point to half leech point | | | |
| 15 | 4 | Item 14 plus positive value of any negative deviation in Item 13 | | | 1700 |
| 16 | 19 | Batten pocket length (outside) | | Both OK / Not OK | 460 |
| 17 | 20 | Batten pocket width (outside) | | Both OK / Not OK | 40 |
| 18 | 14 | Flutter patches | | | 150 |
| 19 | 11 | Primary reinforcements from corner measurement points | | All OK / Not OK | 205 |
| 20 | 12 | Secondary reinforcements from corner measurement points | | All OK / Not OK | 615 |
| 21 | 13 | Batten pocket patches at each end of batten pockets | | Both OK / Not OK | 150 |
| 22 | 15 | Tabling width | | All OK / Not OK | 40 |
| 23 | 16 | Seam width | | All OK / Not OK | 15 |
| 24 | 10 | Thickness of woven ply anywhere in the body of the sail | 0.15 | | |
| 25 | 17 | Trapezoidal window opening area | | | 0.1 m2 |
| 26 | 18 | Shortest distance from window to any edge of sail | 150 | | |
| 27 | 27 | Space between luff eyelets | 230 | All OK / Not OK | 260 |
| 28 | 28 | Space between foot eyelets | 270 | All OK / Not OK | 300 |

Measurer's signature: _____ Date: _____ Measurer recognised by: _____

Sail Measurement Form

National Letters and Sail Numbers

Only page 1 need be completed if the Optimist has not yet been allocated a sail number.

SAIL NUMBER: _____

- Notes:
1. The measurer shall enter the actual measurements in the boxes where appropriate.
 2. If the sail complies with all the requirements, the measurer shall sign and date it.
 3. Cross out OK / Not OK as required.

| ITEM | Dimension no [as per rule 6.5.1] | MEASUREMENT | Min. (mm) | Actual (mm) | Max. (mm) |
|------|-------------------------------------|--|-----------|-----------------|-----------|
| 1 | 1 | Height | 230 | All OK / Not OK | 240 |
| 2 | 2 | Width (except "1" or "l") | 150 | All OK / Not OK | 160 |
| 3 | 3 | Width for M and W | 160 | All OK / Not OK | 170 |
| 4 | 4 | Thickness | 30 | All OK / Not OK | 40 |
| 5 | 5 | Space between adjoining numbers or letters | 40 | All OK / Not OK | 50 |
| 6 | 6 | Space between rows of numbers or letters | 40 | All OK / Not OK | 50 |
| 7 | 7 | Space between the national letter groups on opposite sides of the sail | 100 | | 150 |
| 8 | 8 | Distance between the luff and the closest letter or number in each row | 150 | | |
| 9 | 9 | Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech | 40 | | 50 |
| 10 | RRS G1.2(b) | Minimum space between characters and edge of sail (leech) | 45 | All OK / Not OK | |

Measurer's Name IN BLOCK CAPITALS: _____

Sails must be measured by an independent measurer (See CR 2.5.3)

Measurer's signature: _____ Date: _____ Measurer recognised by: _____

Second Measurement

If the sail letters/number is changed

SAIL NUMBER: _____

Owner's Name: _____

| ITEM | Dimension no [as per rule 6.5.1] | MEASUREMENT | Min. (mm) | Actual (mm) | Max. (mm) |
|------|-------------------------------------|--|-----------|-----------------|-----------|
| 1 | 1 | Height | 230 | All OK / Not OK | 240 |
| 2 | 2 | Width (except "1" or "l") | 150 | All OK / Not OK | 160 |
| 3 | 3 | Width for M and W | 160 | All OK / Not OK | 170 |
| 4 | 4 | Thickness | 30 | All OK / Not OK | 40 |
| 5 | 5 | Space between adjoining numbers or letters | 40 | All OK / Not OK | 50 |
| 6 | 6 | Space between rows of numbers or letters | 40 | All OK / Not OK | 50 |
| 7 | 7 | Space between the national letter groups on opposite sides of the sail | 100 | | 150 |
| 8 | 8 | Distance between the luff and the closest letter or number in each row | 150 | | |
| 9 | 9 | Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech | 40 | | 50 |
| 10 | RRS G1.2(b) | Minimum space between characters and edge of sail (leech) | 45 | All OK / Not OK | |

Measurer's Name IN BLOCK CAPITALS: _____

Sails must be measured by an independent measurer (See CR 2.5.3)

Measurer's signature: _____ Date: _____ Measurer recognised by: _____