

J/109 CLASS SAIL DECLARATION FORM

J/109 Owner _____ Boat Name _____

J/109 Sail # _____ Sail Loft _____

MAINSAIL

I certify that the mainsail bearing the above sail number was designed and built in accordance with Rule #5.4 of the J/109 Class Rules of April 2006:

5.4 The Class **mainsail** may be manufactured of woven and laminated materials, including polyester, aramid, and carbon fibers having a bag weight (without battens) of not less than 31.96 pounds / 14.5 kilos. Dimensions shall not exceed: **luff length** – 13180mm; **foot length** – 4720mm; **half width** – 3068mm; **three-quarter width** – 1794mm; **top width**- 189mm. The class **mainsail** may have up to five **battens** of any length and arranged so that the center of the **batten pockets** shall divide the **leech** of the sail into equal parts with a tolerance of +/- 80mm.

The **tack** ring of the Class **mainsail** shall be affixed in the standard **tack** fitting, and the **clew** shall not be allowed to float free from the **boom**. The **foot** may be otherwise loose. At least one serviceable row of reef points shall be installed approximately parallel to the **foot** with the **tack point** and the center of the reef points in the **luff** to be no closer than 1830mm to the boom. The Class **mainsail** may be attached to the mast with slide, luff cars, or bolt rope.

NOTE The Class insignia rule will not take effect until September 2006, and has thus been removed from this form.

Sail Designer Initials _____ Date Built _____

105% JIB

I certify that the jib for the above boat was designed and built in accordance with Rule #5.5 of the J/109 Class Rules of April 2006 which states:

5.5 The Class jib may be manufactured of woven and laminated materials approved by IMS, having a bag weight (without battens) of not less than 24.8 pounds / 11.25 kilos. Dimensions shall not exceed: **luff perpendicular** – 4250mm (105% LP); **luff length** – 13840mm. The **leech** shall be fair and concave (**half-width** shall not exceed 50% of the **foot length** and **three-quarter width** shall not exceed 255% of **foot length**). For all sails delivered on and after September 1, 2006, the dimensions of the jib shall not exceed **luff perpendicular** – 4250mm (105%LP); **luff length** – 13890mm; **half-width** – 2125mm; and **three-quarter width** – 1063mm.

Up to four **battens** of any length are permitted on the **leech**, provided they do not restrict rolling the jib on the furler. **Windows** are permitted.

The jib shall be attached to and operated on the standard roller furling system using #6 luff tape. UV protective tape may be applied to the **leech** and **foot** to cover the sail when furled.

Sail Designer Initials _____ Date Built _____

SPINNAKER

I certify that the spinnaker bearing the above sail number was designed and built in accordance with Rule #5.6 of the J/109 Class Rules of April 2006 which states:

5.6 The class **asymmetric spinnaker** shall be manufactured from woven nylon with a minimum nominal weight of not less than 40grams per square meter.

The area of the sail ("SA") shall not exceed 108 square meters, based on the formula: $SA = (\text{luff length} + \text{leech length}) * .25 \text{ foot length} + (\text{half width} - .5 \text{ foot length}) * (\text{leech length} + \text{luff length}) / 3$.

Adjustable leech, luff, and foot lines shall be fitted to the **Asymmetric spinnaker**.

Leech Length _____ Foot Length _____ Luff Length _____ Half Width _____

Sail Designer Initials _____ Date Built _____

Owner or Sail designer signature _____ Date _____

PLEASE FAX TO KENDRA MUENTER AT 401-846-4723 NO LATER THAN July 13th