

the masthead casting. The mainsail must be no lower than this band nor higher than the bottom of the masthead casting.

4.4 The Prindle 19MX shall have a vertical post connected to the forestay/bridle intersection that allows the jib tack to be no more than 685mm below this intersection. The Prindle 19MX shall have a horizontal pole connected to the main beam. The intersection of the vertical pole and the horizontal pole shall not be in front of a straight line between the forestay and the bridle tangs. Both of these shall be of round sections in aluminum. The vertical post shall be a minimum of 3/4" diameter and the horizontal post shall be a minimum of 1-1/4" diameter. Both of these may be built by anyone as long as they conform to these dimensions.

5. SAILS

5.1 The ISAF Sail Measurement Instructions shall apply where no conflict with these Class Rules arise. In the case of conflict between the ISAF Sail Measurement Instructions and Class Rules, these Class Rules shall prevail.

5.2 Prindle 15, 16, 18, and 19 Sails: Sails for the Prindle 15, 16, 18, 19 **and 19MX** may be built by any sailmaker as long as they conform to Class requirements. These sails must be measured by a certified Class Measurer prior to competing in National and World level championships. Sails shall be of polyester materials.

5.3 Prindle 18-2 Sails; Sails for the Prindle 18-2 shall be fabricated by a sailmaker licensed by Prindle, for Prindle. The Prindle 18-2 sails shall be built for Prindle from patterns and sail cloth approved by Performance Catamarans, Inc.. These sails may be checked by a certified Class Measurer prior to competing in National or World level championship.

5.4 Sail numbers shall be displayed on both sides of the mainsail at alternating heights in easy to read figures at least 12" in height. The sail numbers shall be located at a vertical distance approximately half the length of the mainsail luff from the head. Sail numbers shall be placed such that the most significant digit on the starboard side is adjacent to the leech and the least significant digit on the port side is adjacent to the leech. Sail numbers shall be a solid and contrasting color with no breaks and be evenly spaced. They may not be placed back-to-back. No letters may be used in conjunction with sail numbers except nationality codes as accepted by the ISAF. Sail numbers shall be officially assigned by the Class. Proposed sail number changes for a given boat must be approved by the Class.

5.5 The Prindle insignia shall be displayed back-to-back on both sides of the mainsail in the section between the second and the third battens from the head. The Prindle insignia shall be read in the non-inverted position on the port side of the sail (this clause effective only for sails made after October 1, 1990). This insignia shall be according to manufacturer specifications. Performance Catamarans, Inc. will provide a pattern upon request.

5.6 One suit of sails are allowed for use in an individual regatta. Permission to change may be granted by the Race Organizer if they deem it necessary (i.e. irreparable damage).

5.7 MAINSAIL REQUIREMENTS:

A. "Head" shall be the highest point of the sail outside the mast **for Prindle 15, 16, 18 and 19. The "Head" for the Prindle 19MX shall be the**

point of intersection of the line of the luff outside the mast and the highest point of the sail perpendicular to the mast.

"Tack" shall be the point of intersection of the line of the luff (including bolt rope) with the line of the foot.

"Clew" shall be the point of the intersection of the line of the foot with the line of the leech from above the bottom batten.

- B. The maximum luff measurements shall be:

P15	7215mm	P18	8155mm
P16	7500mm	P19	8754mm

P19MX 8750mm- Halyard attachment to be 180mm maximum below head.

- C. The distance from the tack to the clew (foot) shall be a maximum of:

P15	2345mm	P18	2340mm
P16	2340mm	P19	2520mm

P19MX 2520mm

- D. The distance from the head to the clew (leech) shall be a maximum of:

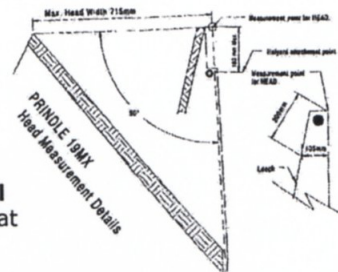
P15	6950mm	P18	8000mm
P16	7300mm	P19	8575mm

P19MX 8625mm

- E. The headboard shall be a maximum of :

P15	115mm
P18	115mm
P16	105mm
P19	115mm

P19MX - The width of the head shall be a maximum of 715mm measured at right angles to the luff.



- F. The leech shall be straight or concave between batten pockets and the aft edge of the headboard. Any hollows in the leech in the way of width measurement points shall be bridged by a straight line for measurement.

- G. At the 1/4, 1/2, and 3/4 leech points, the nearest point of the luff shall not be more than:

P15	1225mm, 1915mm, and 2260mm
P16	1240mm, 1930mm, and 2280mm
P18	1335mm, 2025mm, and 2305mm
P19	1475mm, 2195mm, and 2480mm

P19MX - 1770mm, 2290mm, and 2480mm - In addition to the P19MX roach, the leech may not exceed 100mm, when measuring from a straight line between the 1/4 leech point and aft point of the head

The 1/2 leech point shall be found by holding the head to the clew and smoothing the sail flat. The 1/4 and 3/4 points shall be found by folding the head and the clew to the 1/2 leech point and smoothing the flat sail.

- H. The sail shall be loose-footed and attached to the boom or boom fittings by the clew cringle. The tack cringle need not be attached to the boom or boom fittings.

- I. There shall be a full length batten near the foot, and not more than 8

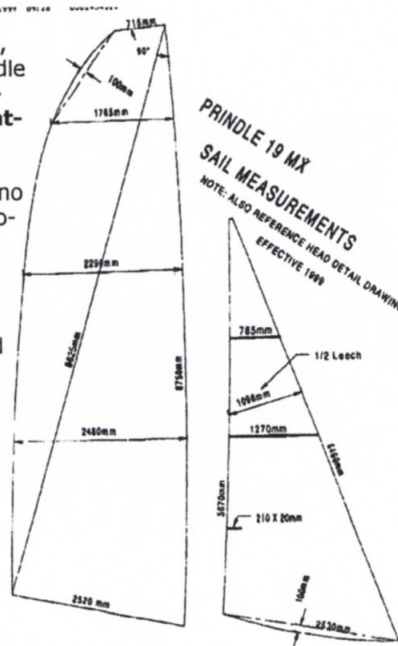
others on the Prindle 15 or Prindle 16, not more than 9 others on the Prindle 18, and not more than 10 others on the Prindle 19. **The P19MX shall have no restrictions on the number or location of battens.**

J. There shall be no other battens and no batten shall exceed 50mm in width or protrude more than 100mm from the aft edge of sail.

K. The mainsail shall be hoisted in the integral groove of the mast extrusion and shall not be fitted with any type of double luff or other faring device.

L. On the P19 (only) the distance from the luff to the point on the leech 500 mm from the head shall not exceed 445mm.

M. Mainsail reinforcement is not restricted.



5.8 FORESAIL REQUIREMENTS:

A. The head shall be the highest point of the sail not including any type of eye by which to attach the halyard. The tack shall be the point of intersection of the extension of the luff with the extension of the foot. The clew shall be the point of intersection of the extension of the leech with the extension of the foot.

B. The length of the luff shall not exceed:
P16 - 4875mm P18 - 5200mm
P19 - 5800mm **P19MX - 6460mm**

C. The length of the leech shall not exceed:
P16 - 4600mm P19 - 5435mm
P18 - 4890mm **P19MX - 5670mm**

D. The length of the foot shall not exceed:
P16 - 1605mm P19 - 1985mm
P18 - 1850mm **P19MX - 2530mm**

E. At the point of the leech down 200mm from the head on the P16, **P19 and P19MX** or 250mm from the head on the P18, the nearest point on the luff shall not be more than 95mm distance on the P16, not more than 130mm on the P18, and not more than 100mm on the P19, **and not more than 105mm on the P19MX.**

F. At the 1/2 leech point the nearest point on the luff shall not be more than 720mm distance on the P16, or 800mm on the P18, or 850mm on the P19, **or 1095mm on the P19MX.** The 1/2 leech point shall be found by folding the head to the clew and smoothing the sail out flat.

G. **P16 and P19MX** - The foot round shall not exceed 100mm from a straight line between the tack and the clew.

P18 - The maximum distance from the head to the center of the foot shall be 5620mm.

P19 - The maximum distance from the head to the center of the foot shall be 5620mm.

H. Battens are allowed in the leech and shall not be longer than 210mm nor wider than 20mm. **In addition the P19MX shall be allowed (2) full length battens with a maximum length of 765mm and 1270mm.**

I. The leech shall be in no place convex.

J. The luff tension may be adjustable. **P19MX luff purchase shall not exceed 4:1.**

K. Jib may be carried on the forestay. A zipper on the luff is allowed **above the bridle wire intersection only.** The tack shall not extend below the intersection on the forestay and forestay stop **except on the P19MX where the tack shall not extend below the Horizontal Pole.** (or on the P16) - jib may be carried independent of the forestay and shall be equipped with it's own luff wire, diameter of which shall be 1/8" minimum.

L. Foresail reinforcement is not restricted.

6. BOAT WEIGHT

6.1 Minimum Boat Weight:

Prindle 15	260 lbs	Prindle 18-2	375 lbs
Prindle 16	300 lbs	Prindle 19	385 lbs
Prindle 18	335 lbs	Prindle 19MX	385 lbs

This weight is fully assembled and ready to sail less safety equipment (righting line and throwable) and trapeze harness.

6.2 Boats which fail to meet the minimum boat weight requirement shall carry boat correction weights in order to bring the boat up to the class minimum. Boat correction weights must be secured in a stationary position on the boat and must be easily accessible for inspection. Boat and crew correction weights must be separate weights.

6.3 Boats competing at National and World Championships are required to provide a valid Measurement Certificate. Valid Measurement Certificates may only be obtained from a certified Class Measurer.

7. CREW WEIGHT

7.1 Number of Racing Crew:

Prindle 15	one person	Prindle 18-2	two people
Prindle 16	two people	Prindle 19	two people
Prindle 18	two people	Prindle 19MX	two people

7.2 Minimum Combination Crew Weight:

Prindle 15	150 lbs	Prindle 18-2	275 lbs
Prindle 16	260 lbs	Prindle 19	295 lbs
Prindle 18	300 lbs	Prindle 19MX	295 lbs.

Crews are to be weighed bare-footed and wear as a maximum clothing consisting of one pair of shorts or pants (pockets empty) and one t-shirt or similar. Normal undergarments may also be worn with the aforementioned clothing.

7.3 Crews which fail to meet the minimum crew weight requirement shall