



## EMYC Sail boat Guide

by Tony Johnson

The EMYC sails a number of sailboat classes. The main classes are listed below with a brief description. Our main racing classes are Laser, ODOM and Fairwind.

Information about racing days, handicapping programs, indoor winter races, national events is available on this web site and be contacting representatives.

If you are planning to purchase a boat for yourself or another, there are several things to consider, including boat class (type of boat), whether or not you will be racing and radio frequency. If you are not planning to race you can pick any boat that you like.

If you are planning to race, you will want to be careful in choosing a boat that is currently supported and fills your racing goals. The Fairwind is a nationally popular class and there are quite a number in the club. The Laser is a very popular one-design class amongst racers in the EMYC and does not require and building skills. The ODOM is a popular class at the EMYC and is a great sailor, though more technical and complex.

Another thing to consider is that we are careful to control the limited (30 available) radio channels that are available. Be sure to call a sailing representative to find which channels are available before buying any radio. Check the web site for current contact information ([www.EMYC.org](http://www.EMYC.org)).

If you are buying a boat for a gift, we strongly encourage you to contact us before purchasing a boat. Racing with boats in the same class is a large part of the fun in RC sailing, just as in full-sized boats. The EMYC is a member of the AMYA (American Model Yacht Association) which provides information on all sanctioned classes. See [www.AMYA.org](http://www.AMYA.org) for more information.

Before buying a boat, we strongly encourage you to visit us at the north pond of Centennial Lakes Park (Tuesday, Thursday and Sunday afternoon / evening) to discuss your interests and meet the people who are currently sailing these classes.

### **ODOM – One Design One Meter – Sloop rig (main and jib)**

Length: One Meter

Sail area: 600 sq in

Fiberglass hull and deck

Weight: 7.5 lbs minimum

Excellent sailing characteristics in a closely controlled AMYA one-design class. Excellent design, well balanced boat.

Approximate cost with radio: \$650

Building time > 30 hours. Requires good building skills and attention to detail to have a competitive boat.

Available from manufacturer: [www.modelyachting.com](http://www.modelyachting.com)

EMYC currently races 14 + boats that are nationally competitive and maintain an active racing schedule.

Kit includes carbon fiber spars. Sails are available from several independent sail makers.



**FairWind II / 900** – Sloop rig (main and jib)

Length: 36 inches

Sail area: 500 sq in

ABS plastic hull and deck one piece construction

Weight: 8 lbs minimum

Good sailing characteristics in a closely controlled AMYA one design class. A bit less responsive than boats with thinner keels.

Approximate cost with radio: \$450

Building time < 20 hours. Average building skills and some research needed to build a competitive boat.

Available from local hobby stores or on-line.

EMYC currently races 12 + boats that are nationally competitive and maintain an active racing schedule.

Carbon fiber spars and aftermarket sails are allowed by class rules.

**Laser** – Cat rig (one sail)

Length: 48 inches

Sail area: max 800 sq in.

ABS injected hull and deck one-piece construction

Easy to sail and handles like a typical, cat rig, full sized boat. Strictly controlled, one-design class rules.

Cost with accessories and radio: \$750

No building – boat is ready to sail right out of the box.

Available from local dealer: Tom Weigel 952-941-1197

EMYC and Calhoun MYC currently race about 25 boats at Centennial Lakes and Calhoun. The class maintains an active racing schedule at both locations.

Two fiberglass spar sets and three sails for different wind conditions available only from dealer.

**SeaWind** – Sloop rig (main and jib)

Length: One Meter

Sail Area: 600 sq in

ABS plastic hull and deck one-piece construction

Weight: 7 lbs

Quite good sailing characteristics in a newly sanctioned AMYA one-design class. Somewhat limited by sail and mast design issues.

Cost with radio: \$450

Building time < 20 hours. Average building skills needed

Available from local hobby stores or on-line.

EMYC currently races 6 boats in handicapped racing series with boats in other classes

Kit supplied jointed aluminum spars are required by class rules. Sails available from independent sail makers are allowed.



**CR 914** – Sloop rig (main and jib)

Length: 36 inches

Sail Area: 600 sq in

ABS plastic hull and deck one-piece construction

Weight: 6.25 lbs

Excellent sailing characteristics in a closely controlled AMYA one-design class. Excellent design, well balanced boat.

Cost with radio: \$450

Building time < 20 hours

Available National distributor and dealer in Colorado

Handicapped racing is only racing available at this time. EMYC hosted the Nationals in 1995.

There used to be 25 boats in EMYC but the class support has diminished so it is rare to see one on the water. EMYC has National and Regional first place winners.

**Northwind** – Sloop rig (main and jib)

Length: 36 inches

Sail Area: 600 sq in

ABS plastic hull and deck one-piece construction

Weight: 7 lbs

Average sailing characteristics. Is not a sanctioned AMYA class at this time.

Cost with radio: \$375

Building time - unknown

Available from local hobby stores or on-line.

3 boats in EMYC Handicapped racing is only racing available.

Not a very well-known boat and the fleet will not be likely to expand.

**AMYA Soling 1 Meter™** – Sloop rig

Main and jib Length: 39-3/8" (One Meter)

Sail Area: 600 sq in, polystyrene plastic hull and deck bonded together.

Weight: 10 lbs. minimum.

Quite good sailing characteristics, #2 boat in the AMYA - a sanctioned AMYA one design class with a large national membership, 1000 owners, sail in over 70 Clubs in all 7 geographic Regions.

The Class limits modifications to keep boat affordable. Used cost with radio: \$350. New: about \$700. Probably the 'best bang for the buck' of any class. Building time (new kit) 12 hours- average modeling skills needed.

Available from the manufacturer direct, or local hobby stores.

EMYC currently races Soling 1 Meter boat in handicapped racing series with boats in other classes. Good class support.



“Soling” Kits are available in “all parts”/ do it yourself kits, or partially factory assembled, with the interior structure in place, deck glued on and sealed. Also may be assembled by a local builder. Uses aluminum or wood spars, controlled by strict Class Rules. Dacron polyester, flat sails are required, available from the manufacturer, or from online sailmakers.

Contact: soling [1m@rcsailing.org](mailto:1m@rcsailing.org)