

DragonFlyer 3.2

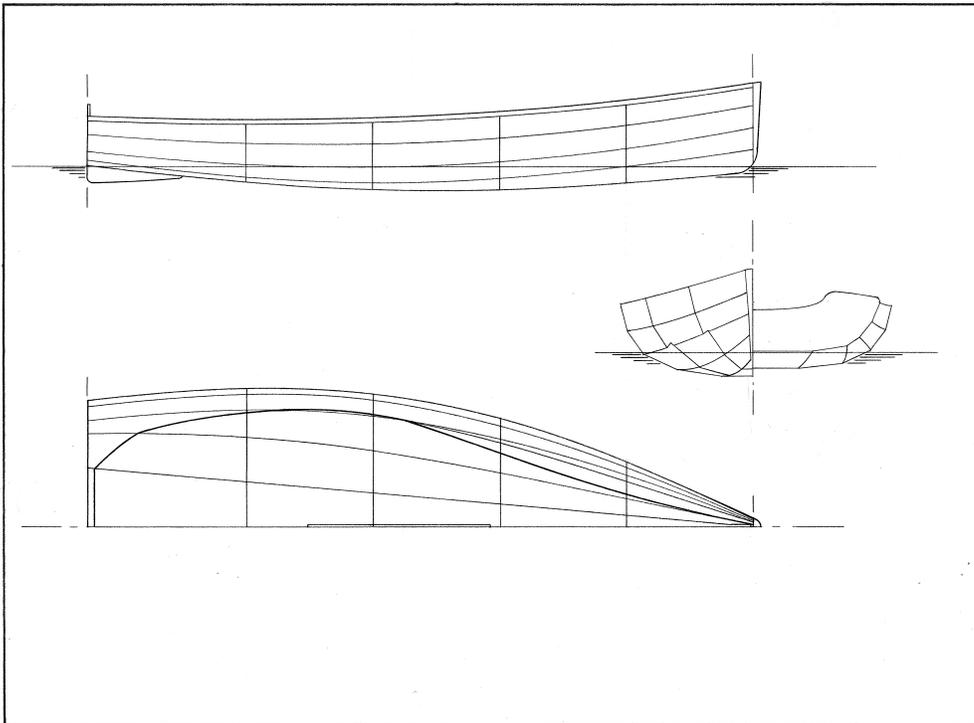


Modern design . . .

Cool design . . .

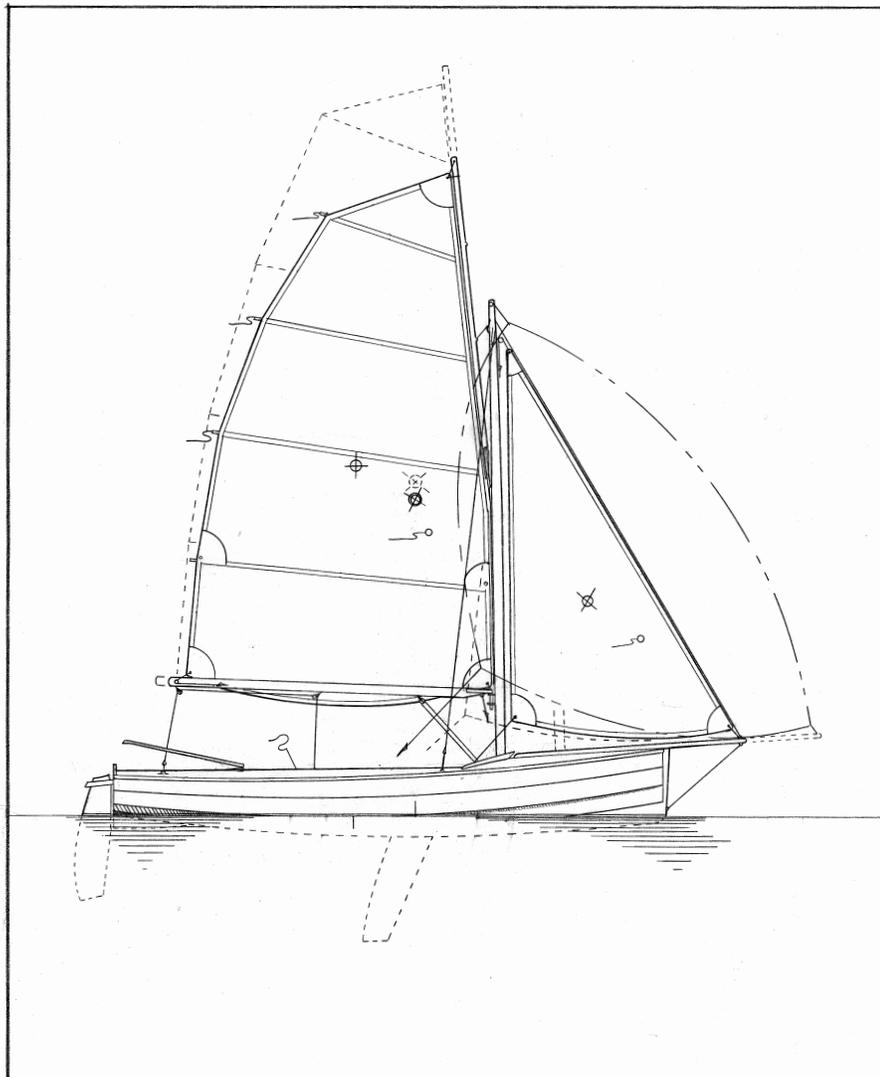
Fast design . . .

. . . FUN!



DragonFlyer

- Fine entry for quick acceleration.
- Full transom for planing.
- Plenty of flair for stability and capacity.
- Maneuverable!
- Efficient sails.
- Fully battened main.
- Sliding gunter main.
- Low Center of Effort on standard rig for good stability.
- Mast fits inside the boat for easy transporting.
- Lots of rig options.
- Asymmetrical (optional).
- Larger FlyerTwo rig (optional; dotted lines)
- Efficient foils
- Centerboard is easy to adjust and kicks up in shallow water.
- Option for a kick-up rudder.



Specifications

Length on deck: 10'-7.5" (3.24m)

LWL: 10'-6.5" (3.21m)

LOA: 12'-1" (3.68m)
(to end of bowsprit in jib only position)

Beam: 4'-6" (1.37m)

Draft: Board up 4.5" (11.4cm)
Board down 2'-9" (1.37m)

Sail areas: FlyerOne rig 59 sq.ft. (5.48 sm)
FlyerTwo rig 70 sq. ft (6.32 sm)
Asymmetrical 35 sq. ft (3.25 sm)

Hull weight: 100 lbs. (45.35k)



Just the right size.

Easy to build.
Easy to move.
Easy to get going.
Easy on the wallet.



A great
trainer.

Super fun
to sail!



Plenty of sails on a slippery hull:
She will really kick up her heels!

Learn, Play, Fly.

Kids (young and old) love it!

- The jib is easy to handle.
- The sliding gunter main is lightweight aloft.
- The main comes down quick when the halliard is let go.
- The yard bends in a breeze to flatten the sail.
- The asymmetrical doesn't need a pole shifted during tacks, and it points surprisingly high for an off wind sail.

The DragonFlyer is just plain fun to sail!





Easily takes an adult and a kid.

Can be sailed by two or three kids.

Or . . . one or two adults.

Easy to sail solo.





Second mast step for setting one sail.

- She goes great with large main.
- Good for learning and easy sailing alone.



Two bowsprit positions:

- The rig is farther forward
- The cockpit is bigger.
- Set up for sloop rig, or for flying the asymmetrical.



Douglas Fir spars:

- Second only to carbon fiber for lightness and strength.
- Look lovely varnished.
- A lot less expensive than carbon!



- Light, easy to pick up.
- Fits in a pick-up trucks.
- Fits on a compact car rack.

- Easy for two adults, or the equivalent in kids, to carry.
- Easy to move on a boat cart.
- Easy to launch off a beach.



- Stable, comfortable and safe
- Lots of built in flotation under the side decks and sole.
- Wide side decks for comfortable sitting
- Wide trunk cap that also makes a good seat
- Smooth cockpit sole that is comfortable and dry.



Modern wood construction is

- Light and strong.
- Easy and fun to build.
- Long-lasting and easy to take care of.
- Made from renewable materials:
Wood grows on trees every day.

Egg-crate frame construction

- All marine ply parts are CNC-cut to be extremely precise.
- Slots and tabs make it possible to assemble the framework easily, quickly and positively.
- Framework is solid for bending and attaching planks and decks to.
- Creates many flotation chambers.
- Nothing is thrown away at the end of building the hull.
- Makes an exceptionally strong hull that doesn't twist under load.
- Easy to build a square, fair, and straight boat.
- System used in many European kits.



Triangular-shaped flat bottom

- Fine forward and wide aft
- Complements the shape of the boat for acceleration and speed.
- Helps make the boat straight and easier to build.

Glued lapstrake construction

- Stronger.
- Drier.
- Easy to assemble.
- Pre-cut gains at the bow.
- Pre-cut bevels on the laps.
- Epoxy handled in small batches.
- Some wiggle room in how planks fit together makes planking easier.
- Lovely.



Wide lap on second plank to form spray rails

- Makes a fine entry at the waterline—faster!
- Makes a fuller deck—drier.
- Reduces porpoising at high speed.
- Keeps the crew dry, too!

... and, a dry crew is a happy crew!

Sheathing the bottom and first plank with epoxy and fiberglass goes easily and cleanly, and makes for a strong, light, tough boat that welcomes trips up and down the beach.



We wrote the book on building lapstrake boats with high quality marine ply and epoxy: *How to Build Glued Lapstrake Wooden Boats* (286 pgs, WoodenBoat Publications)

The manual for the DragonFlyer will be just as thorough, enjoyable to read, and easy to follow—and full of clear photos and drawings.

We believe firmly in working clean. Lots of hints on how to work cleanly and happily with epoxy.

No messy fillets to make—or sand!





You can do it!

A wonderful, fun, rewarding project to build with your kids or grandkids—or with friends or a school or community group.

They'll remember building their own boat for the rest of their lives, and so will you!





Finished DragonFlyers,
custom built by us
here in Brooklin, Maine.
are also available.



Build her, sail her and . . .
. . .if you want to
. . . race her.

Get out and have fun sailing with
other people!

Group discount along with helpful
specific advice for groups building
several boats at once.

**The only thing better
than a DragonFlyer?**

Two of them!



We're very happy to answer your questions and talk more about our experiences building and sailing Zip, the first DragonFlyer.

Also, please see our website, www.brooksboatsdesigns.com, for details and updates, including ordering information.

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