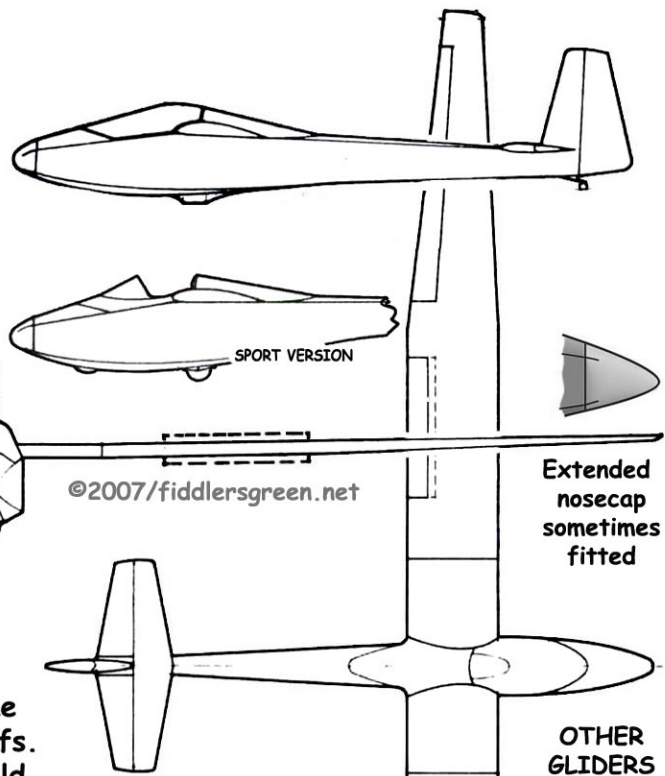


CALIFORNIA SAILPLANES' BJ-1b

DUSTER



In May 1971, a new 43 foot wingspan sailplane, optimized for the enthusiast homebuilder was introduced. Designer H. Einar "Hank" Thor had a vision for a small sailplane that would deliver simplicity, docile handling & good cross-country performance, all at a modest price,



Thor's company, California Sailplanes, sold numbered plan sets; DSK (Duster Sailplane Kits) to registered plan owners. For an even \$2,000 - about half the cost of a used 1-26 - a builder could be on his way to a new Duster. (right)

Every feature reflected Hank Thor's' desire to make the best possible cost /performance /utility tradeoffs. No component was over 18 feet, mindful that it would probably be built and stored at home, most likely in a garage. The wooden structure matched the tools and skills of many amateur builders. (Jim Maupin once claimed that it could be built with only a saber saw, disc sander and 3/8" drill.) The plywood kit made fast assembly possible, and gave a smooth exterior. The canopy was a plexiglas flat wrap, eliminating the need for special forming. Like other successful homebuilt designs, it was well-planned with the builder/pilot in mind, was particularly fast to build from a kit, offered a lot of performance for the price, & had an excellent builder support network.

Extended nosecap sometimes fitted

OTHER GLIDERS AVAILABLE

- ASW- 20
- Blau Maus
- Bowlus Baby
- Cayley
- CG-4
- DFS
- Grunau
- Horsa
- Horten IX
- LeBris
- Lilienthal
- ME-321
- Minimoa
- 1-26
- 2-33
- TG-2
- Wright Glider

SPECS

Wing span.....	42ft 8in
Wing area.....	104.65 sqft
Aspect Ratio.....	17.4
Empty Weight.....	390 lbs
Payload.....	230 lbs
Gross Weight.....	620 lbs
Placard Airspeed....	128 mph
Max towing speed...	80 mph
Stalling speed.....	40 mph

 ADVERTISEMENT **DUSTER KIT PRICES: June, 1973** ADVERTISEMENT
 Supersedes all previous price lists. Subject to change without notice.

I. **RAW MATERIAL KIT \$1995.00**
 Includes all materials needed to build the Duster except liquids and instruments. Spar blanks are tapered and wing attach steel sheared to 1 3/8" strips. Fiberglass parts are formed.

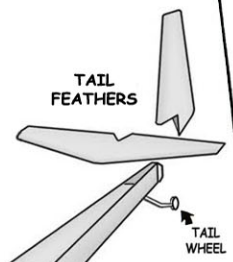
II. **WOODWORKERS KIT \$2695.00**
 Same as above except all metal parts are completely ready to install. Spars are laminated and jig drilled and ribs and bulkheads are drawn full size on plywood.

III. **HARDWARE KIT \$1705.00**
 Same as Kit II except no wood. All fiberglass and metal parts completely fabricated. Includes wheel, acrylic sheet etc.

IV. Subassembly kits may be purchased separately as wood-and-metal kits or metal only kits. They are broken down as follows: Dive brake, ailerons, centersection drag spar, tail surfaces, wing center section, right wing, left wing, fuselage (including wheel and fiberglass parts).

V. For those building from plans alone, parts may be purchased separately. For example spars are available as blanks, tapered blanks, or tapered laminated and jig drilled assemblies. Fiberglass parts are available separately. If you desire a particular fabricated metal part or if you have difficulty locating particular pin nuts or bolts, etc. contact us for prices.

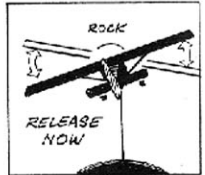
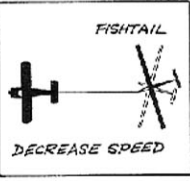
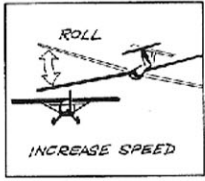
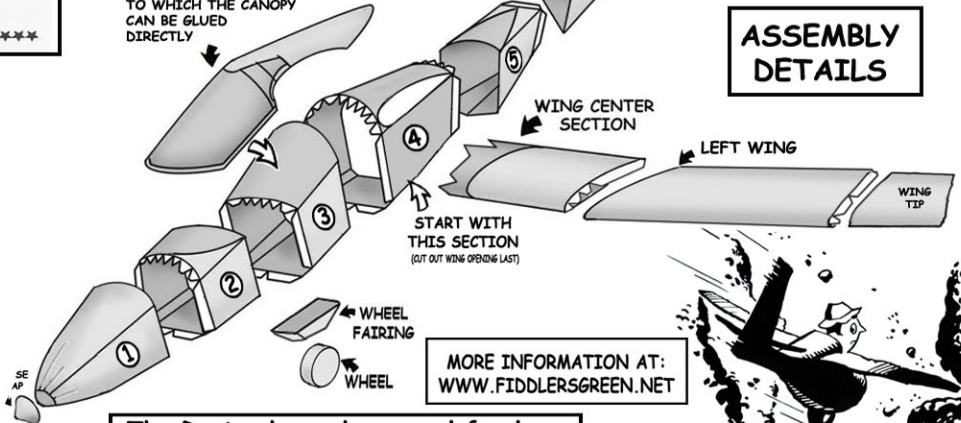
CALIFORNIA SAILPLANE KITS



CANOPY

THIS IS A LITTLE DIFFERENT FROM ALL THE OTHER FG MODELS. NOTICE THERE'S A BUCKLE IN THE FUSELAGE TO WHICH THE CANOPY CAN BE GLUED DIRECTLY

ASSEMBLY DETAILS



STANDARD SIGNALS USED WHEN SOARING

MORE INFORMATION AT:
WWW.FIDDLERSGREEN.NET

The Duster has a hexagonal fuselage contour from the nose to the fuselage, and a triangular section after that.



Thanks to Kancho and Cam for their help with this model