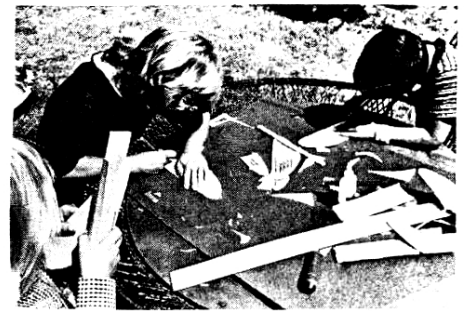


Have you ever seen a more complete story in one photo? Who needs a caption—it's a showpiece!!!

PHOTOS BY THE AUTHOR



Still another picture story could be entitled, "let the chips fall." Corny, maybe, but it's all happening here!

● Lunchbox started life as a placebo for my young neighborhood friends, who just didn't have it in the arm department for wrestling something like the Zweibox (February, 1975, VTO) aloft. As you can see from the photographs, the little guys certainly came along fast. These were their very first models, so the initial moves with X-acto/sanding blocks were terrifying, to say the least.

Afterwards, we had an off-the-wall contest at a nearby park. When the dust had settled, "Fast Eddie Crewcut" won out with a flight of 22 seconds. That's gotta be an eternity the first time around. Two Lunchboxes survive that session, now nearly six months ago.

Next, the *big* guys appropriated Lunchbox, and the results were dynamite: I lost five to thermals in a two-week period. Mike Denny, a newcomer to modeling, maxed his *twice* at a local contest. (The plane does not meet AMA minimum wing area rules for competition, however.) Several Lunchboxes were built by various people last Christmas as tree decorations. Airplanes is airplanes, nevertheless. Someday soon, my group, the San Diego Orbiters, will have an outdoor "go" with Lunchbox as part of our regular monthly contest schedule. The winner will get an irresistible salad made up from 16-lb. balsa.

The best thing about this little device has to be the very consistent and relatively tremendous high altitudes reached from launch—mostly due, I think, to the indoor-like trim settings, sweepback, generous dihedral and low aspect ratio. The glider almost always

(Continued on next page)

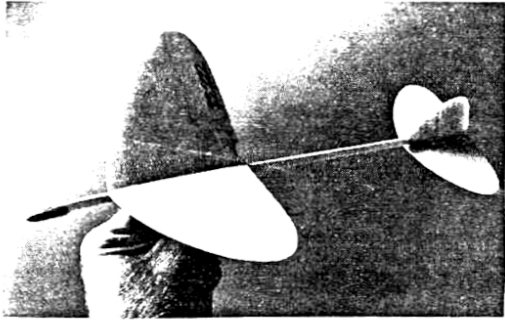
Action and drama as our young chucker puts everything he's got into the preparation for a good heave.

Lunchbox

BY JOHN OLDENKAMP

Small, outdoor, hand-launch glider that can do it all for beginner or experienced chucker. Developed for small fry, it's anybody's bird. Author, a professional photographer, supplied the finest-ever photos, and they steal the show with their art form!





Herewith the Lunchbox, ready to go. Note AMA #.

LUNCHBOX . . . CONTINUED

executes a little "thank you" kind of loop at the top, entering normal glide with scarcely a bobble. Zweibox, its big brother, has the same gratifying habit. Just don't leave out the left wing washin.

So, if you are a little guy, big guy, old or young, or male or female, or bored with bologna and hard-boiled eggs, stick one of these in your brown bag or, better, lunchpail, and try it out.

Micro-mini construction hints: Use firm wood. Wing dihedral joint and wing/fuse joint should be done with five-minute epoxy. Titebond, used with a brush, double-glued, tacks the rest together. Before assembly, dope the whole works with one very thin coat of plasticized nitrate dope, then rub out with #600-grit sandpaper. Nose weight can be something edible, like Milk Duds, or you can go with the conventional clay.

Since a well-thrown Lunchbox will probably become a wee speck in the sky with any kind of luck at all, you might want to paint the wing bottom surface dark blue, black or red. Forget the fancy yellows and day-glo— they are not nearly so effective as darker, opaque colors. Dethermalizers? Everyone knows that gliders almost never disappear, unless you forget to light the fuse!

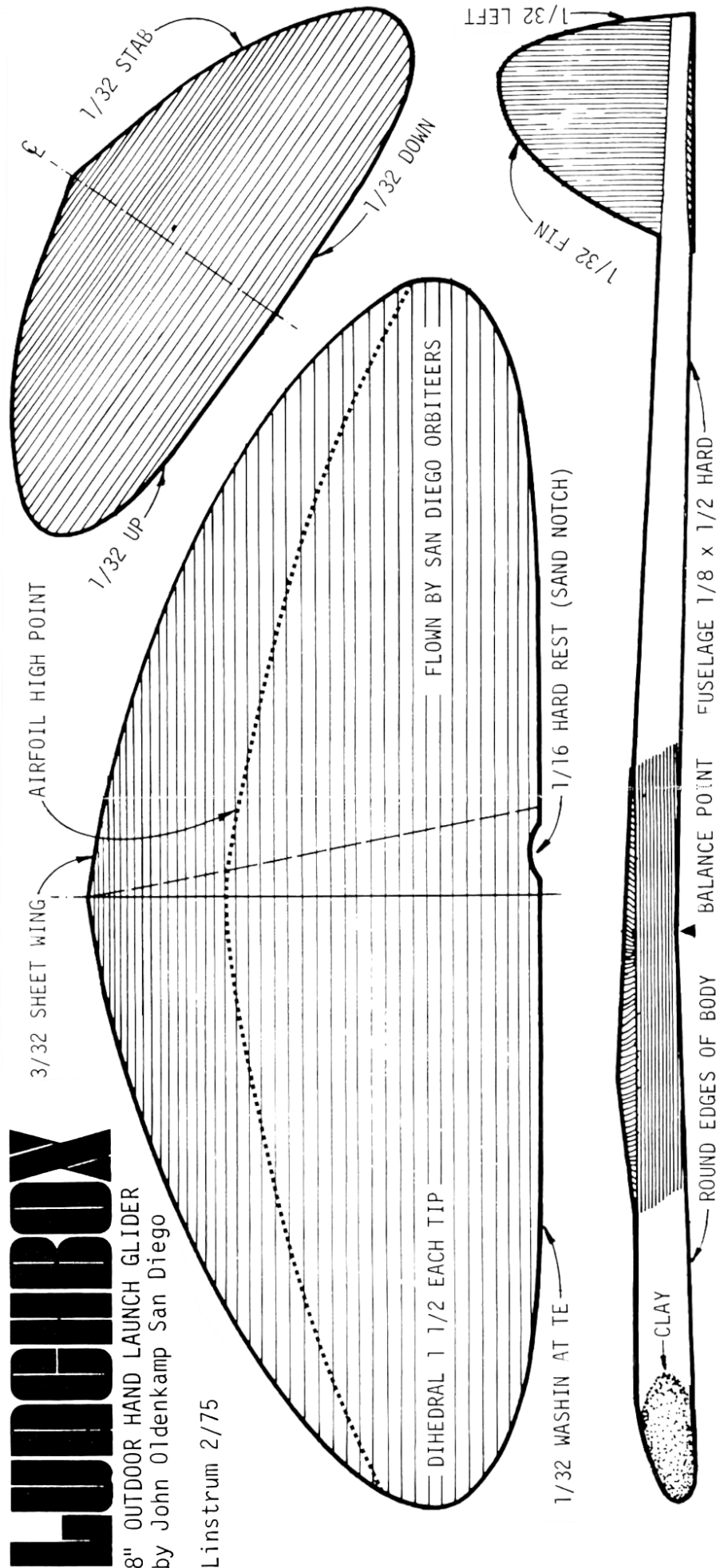
Sic transit: An Indoor version of Lunchbox (Leftoverbox?), with a 4" chord by 8" span, and weighing 1 1/2 gm., snared a blue ribbon for the author, clocking approximately 20-second average under a 25-ft. ceiling.

You might want to fool around with rudder area, less dihedral, etc., in an attempt to get this little turkey tweaked to maximum performance, but, as it is, it is a pleasant adjunct to jangled alimentary syndromes.

Long live the munchies!



A lesson in sanding techniques. Young enthusiast points out proper method to round off the fuselage.



LUNCHBOX

8" OUTDOOR HAND LAUNCH GLIDER
by John Oldenkamp San Diego

Linstrum 2/75