

90 degrees to the wing. Wow!

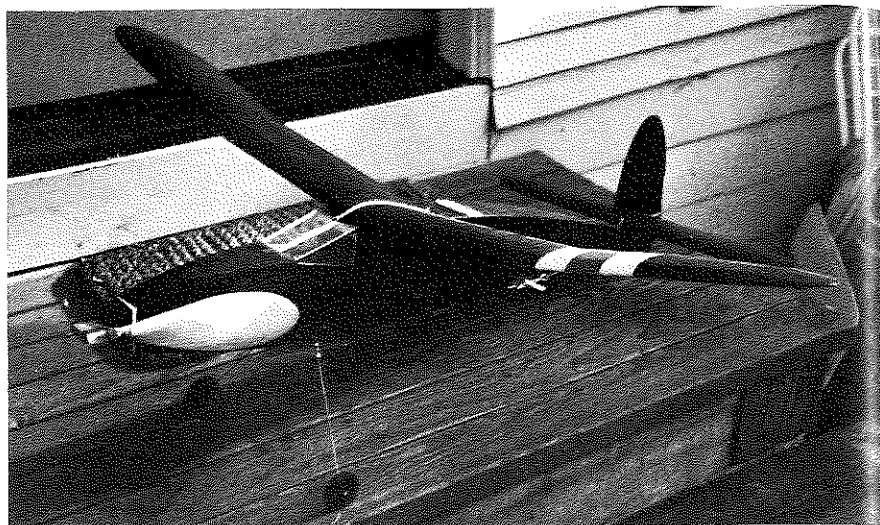
This was particularly noticeable in this writer's scaled Madewell .49 powered version. Attempts to stiffen the fuselage met with repeated failures. First, the fuselage was double tissued with a cross-grain arrangement, then internal diagonal cross bracing, then double silk covering—all to no avail.

In talks with midwest modelers, some indicate that designer Bob Toft sheeted the fuselage. This has not been the answer. Truly a shame as this model has tremendous flying potential. Perhaps the readers out there have discovered a way to make the fuselage twistproof. From personal observations, it appears to be an inherent design flaw. We solicit your opinions.

RUBBER NOTES

This column is so heavily oriented to gas powered models, we sometimes forget that rubber power model competition has experienced an amazing renaissance. Entries have doubled and tripled in most all events.

This has been brought about by the availability of good rubber. The FAI rubber that has been marketed by Ed Dolby of FAI Model Supply has been excellent. Ed has recently brought out "tan" rubber which appears to be the best yet for power and duration.



15. A nice Dick Korda Wakefield by Mark Sexton. Authentic color scheme (Including wing stripes?).

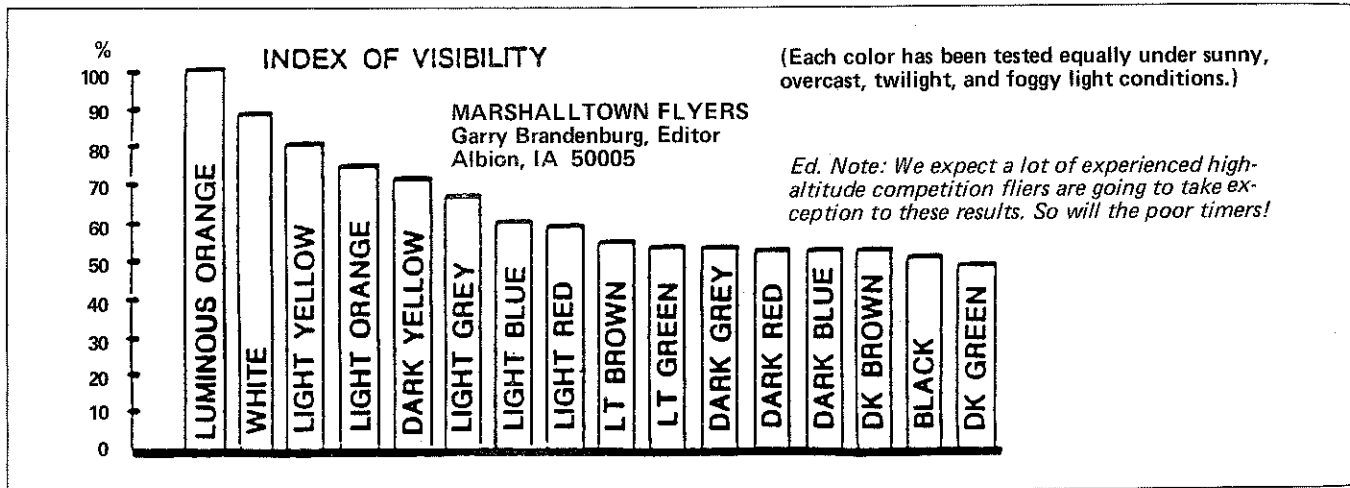
The SAM 86 newsletter, as edited by Al Wale, provides a good insight on this new product. We quote as follows:

"The currently available tan rubber has excellent energy. Samples measured yield figures of 3597 and 3710 ft.-lbs./lb. of energy. The gray-black 1/8-inch FAI (1987 and 1988 batches) averaged 3520 ft.-lbs./lb. over six different boxes. Pirelli rubber,

depending on the source, varies from 3780 to 3687 (Che Hobbies); FAI Model Supply gives figures of 3614 ft.-lbs./lb., while the Joe Eisen Pirelli measured 3690 ft.-lbs./lb. over a four-box average.

"From the foregoing figures, FAI Tan rubber is as good as any. Comparing torque

Continued on page 83



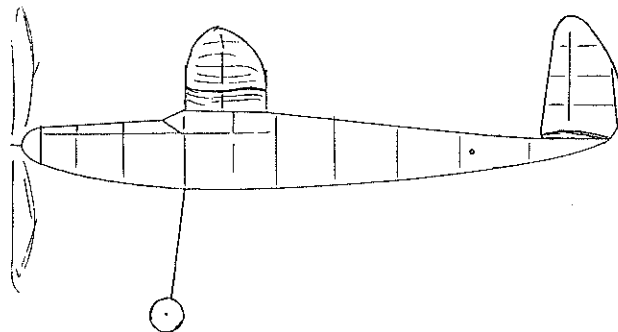
BOB ROMEISER'S

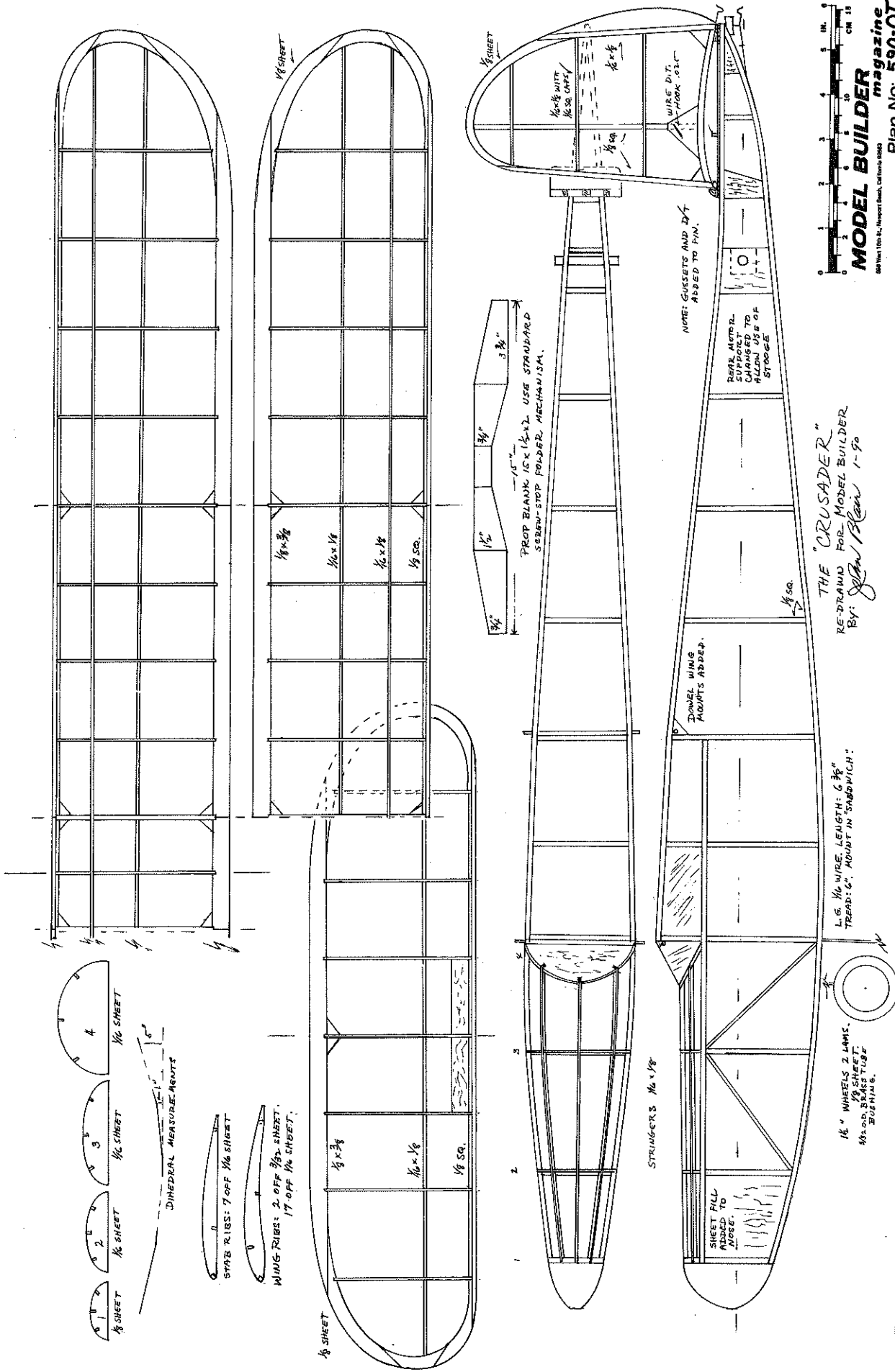
CRUSADER

First published in the October 1940 issue of *Air Trails* magazine, this medium-sized rubber powered endurance model, Romeiser's "Crusader," flies very well. In Old Timer competition it just qualifies as a "Small Cabin," and can hold its own against the Jabberwocks and Miss Canada Seniors. Our semi-regular contributor from Warne, North Carolina, John Blair, drew these plans and speaks from personal experience about its performance. John did a little legal beefing in certain areas, all indicated on the plan, that should result in a more reliable model. It certainly couldn't be any more basic or simple to build. ●

OLD TIMER Model of the Month

Drawing and Text by JOHN BLAIR





THE "CRUSADER"
 RE-DRAWN FOR MODEL BUILDER
 BY: *John B. Rein* 1-90

L.G. 1/8 WIRE. LENGTH: 6 3/8"
 TREAD: 6". MOUNT IN SABONNICH:

1/8" WHEELS 2 LAMS.
 1/8 SHEET
 1/8 sq. 1/8 sq. 1/8 sq.

MODEL BUILDER magazine
 Plan No. 590-07

FULL SIZE PLANS AVAILABLE - SEE PAGE 106