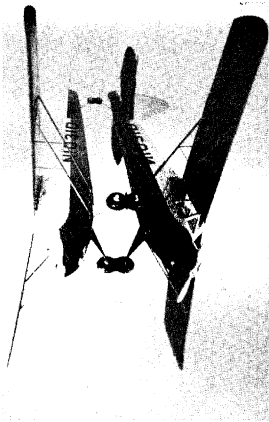
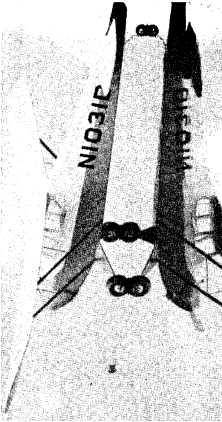




Walter E. Mooney, designer of the Collegiate, holds a scale model of the plane. Photo shown is a publicity photo. Do not use for reproduction without permission of the author.



Walter E. Mooney, designer of the Collegiate, holds a scale model of the plane. Photo shown is a publicity photo. Do not use for reproduction without permission of the author.



Collegiate

by WALTER E. MOONEY

For simplicity and flight ability, the Porterfield Collegiate rivals the Cub. Powered by a "baby" engine, it flies like a bird. R.O.G. it and see!

Did you want a model with scale and flight ability enough to take punishment? If so, this model of the Porterfield Collegiate is a good choice. It also is quite cheap to build and easy to fly. The plane was designed around the Cox .020 P-100 engine and stood so true that it was built in 12 hours to make a preliminary design change. With one writing (I promised not to fly it till my wife Carol finished her second year but I did it anyway) it was in the air. This one replaces my first, which flew out of sight. Can't fly one got run over by a car—it won't take that much punishment.

This is an excellent beginner's scale, free-flight, or sport model. For strictly sport flying omit the interior, jury struts, and tail bracing. Separate surfaces may be omitted also. Although the main struts can be omitted also, I prefer to see them in place for scale effect even on a sport model.

Construction: For the most rapid assembly, use the schedule should be followed. This is a simple model that gets thoroughly dry before parts which need carrying must be handled, thus preventing the frustration of having a model that won't fly because of a glue joint that has not dried.

(Continued on page 47)

NOTE: IF MOVEABLEAILERONS ARE DESIRED CUT FROM T/E SPAR AND HINGE SAME AS TAIL SURFACES

LIGHTWEIGHT SILKSPAN COVERING

JURY STRUTS (SEE SCALE PLANS)

WINDSHIELD FORMER

CELLULOID WINDOW

HEAVY THREAD STRINGERS

POST DOUBLER

1/16" SHEET TOP—NOTE DIRECTION OF GRAIN

1/16" SHEET SIDES

NOTE DIRECTION OF GRAIN

1/16" X 1/8" T/E SPAR

1/16" X 1/8" T/E SPAR

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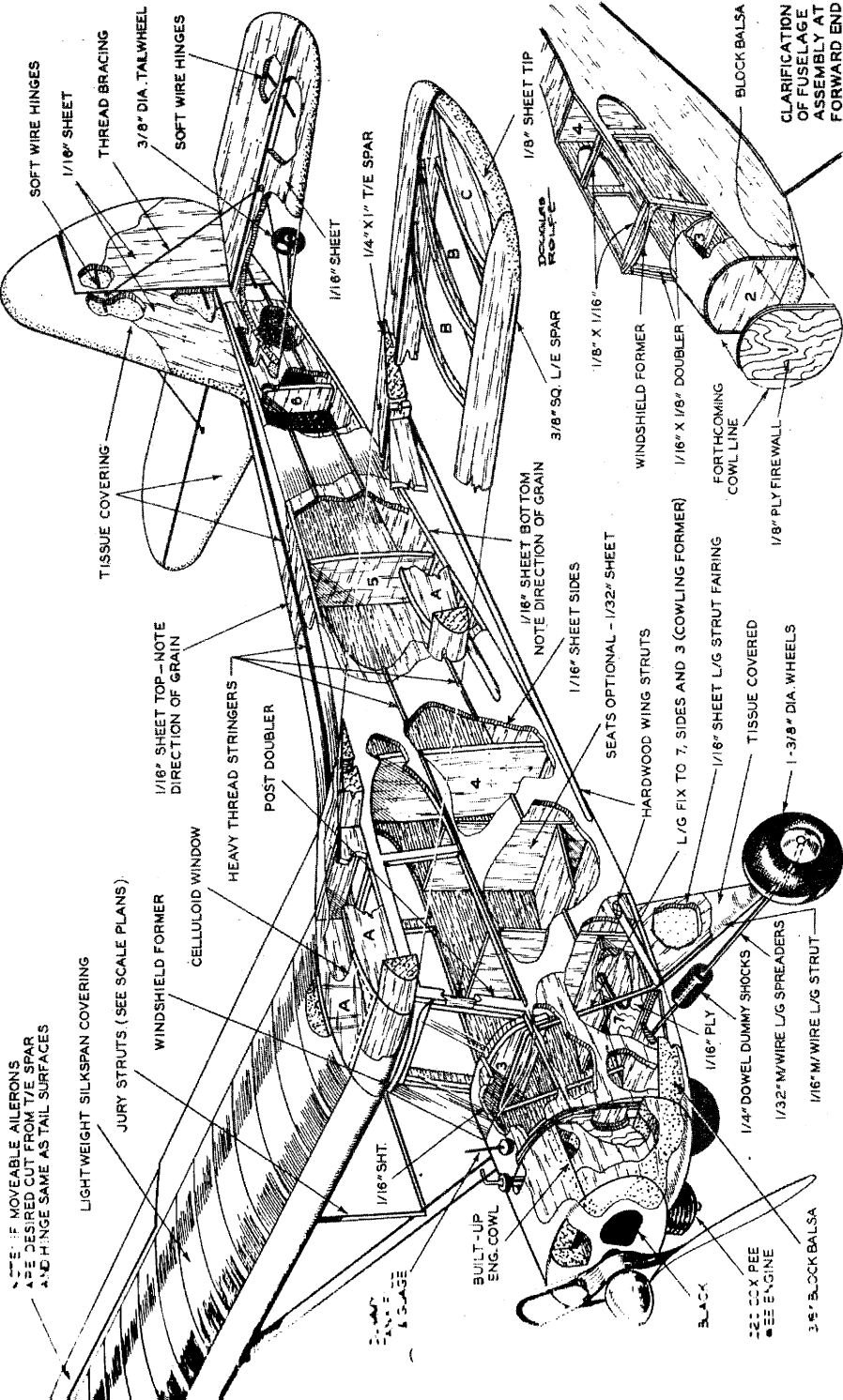
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1/16" X 1/8" T/E SPAR

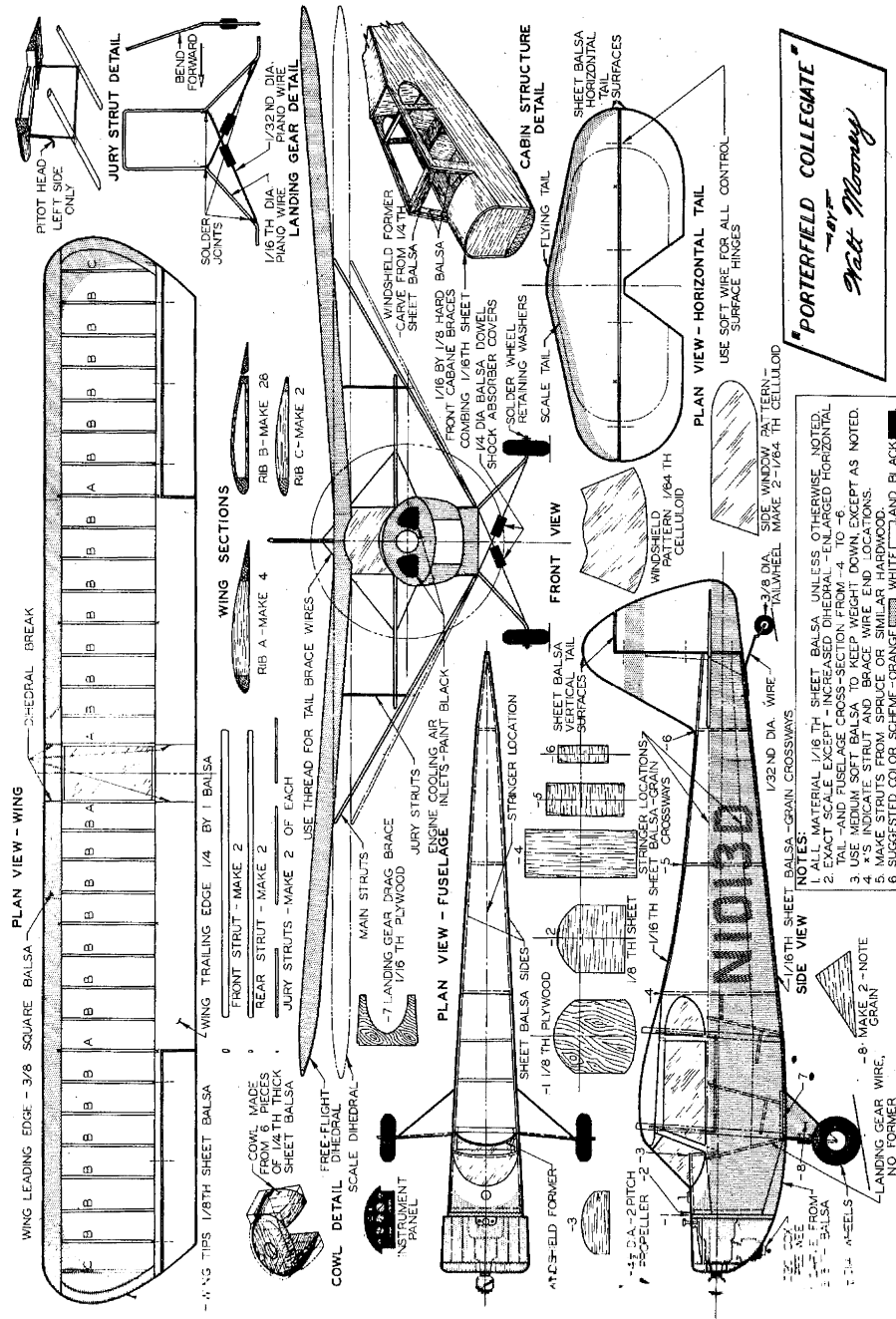
1/16" X 1/8" T/E SPAR

1/16" X 1/8" T/E SPAR

1/16" X 1/8" T/E SPAR



Clear plans and Doug Rolfe's cutaway drawing reveal a certain classic simplicity.



"PORTERFIELD COLLEGIATE"
—BY—
Doug Rolfe