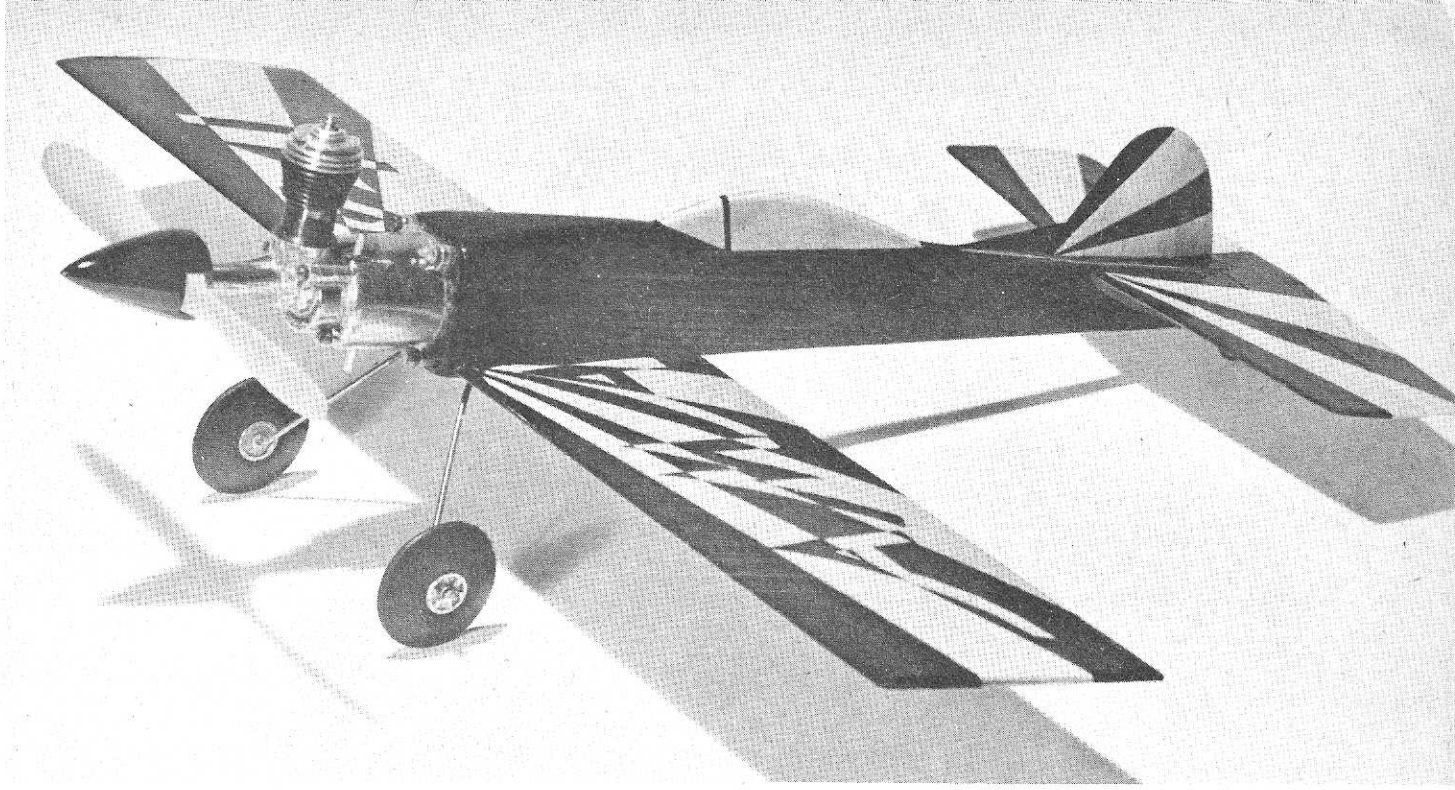
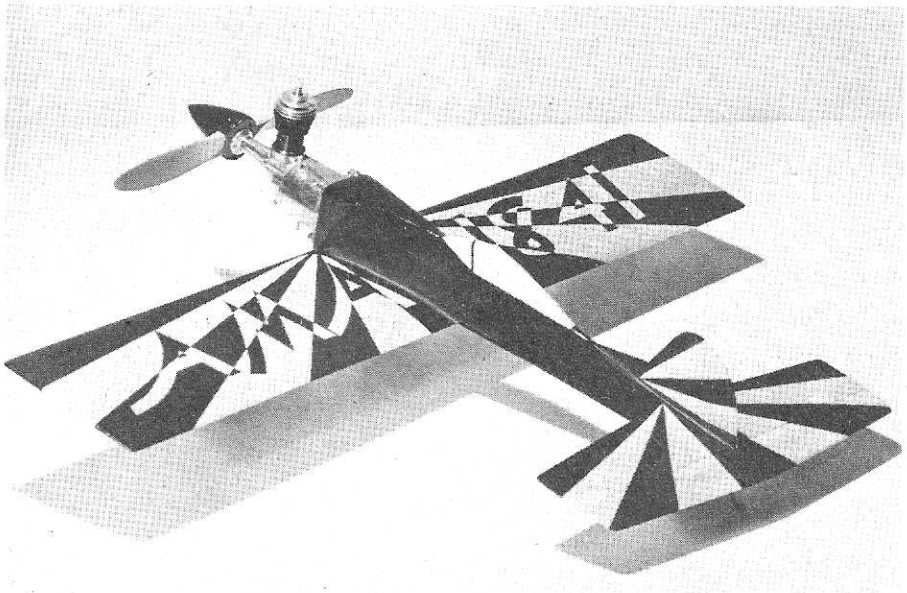


Upright Space Bug with tank featured original ship. Plans show how to extend nose, modify for various radial mounts, vertical, sidewinder.

Lil' P. T.

by EARL CAYTON

Now here's one Half A profile that can go inverted and do loops. Like all wood crates it lends itself to fixing. Learn "inverted" the easy way!



By careful sanding, filling, wood surfaces can be prepared for elaborate paint schemes—thus.

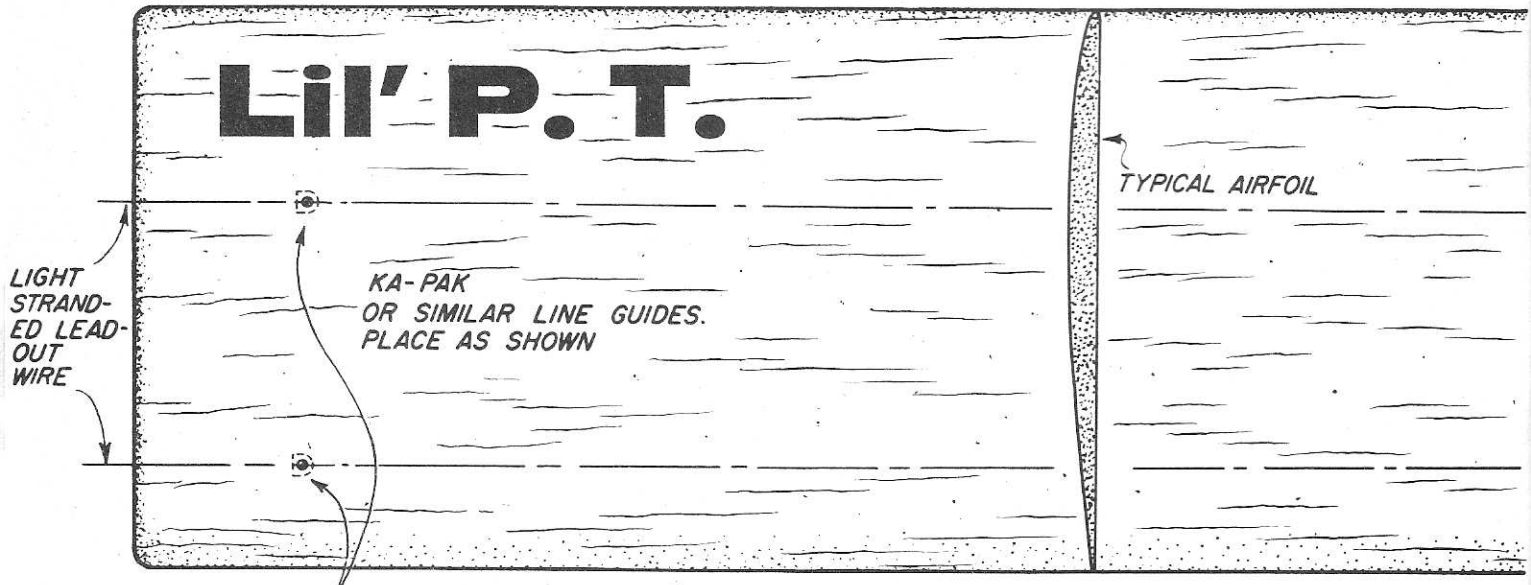
When using masking tape, press down edge, dope with clear, let dry, color dope. Let dry.

► PT stands for primary trainer. When Air Force pilots learn to fly they learn the fundamentals in a stable, simple, uncomplicated airplane that is easy to fly. Little PT was designed to fill this elementary need for the beginning control-line flier. It is extremely simple to build, inexpensive, almost indestructible, and very stable. After straight and level flight has been mastered, it can perform loops, inside and out, inverted flight, and wingovers with ease. Plans are full size.

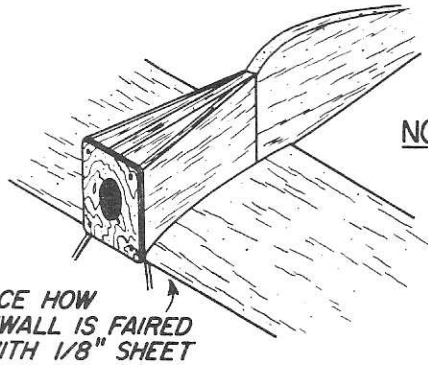
Wing and Landing Gear: A sheet of 18 x 3 x ⅛" balsa forms the wing. Use glider stock if your local hobby shop dealer carries it. Glider stock already has an airfoil shaped into the stock and it is only necessary to round off the leading edge with a sanding block. If glider stock is not available, use a knife and cut away a little at a time until you have an airfoil like that shown on the plans. Then, using a sanding block with progressively finer grades of sandpaper, sand the wing to a smooth surface. Next, cut "M", the landing gear and bellcrank mount, from 1/16" plywood with a saw. Next drill a small hole for the bellcrank bolt and install the bellcrank. A bellcrank may be cut and drilled from 1/32" aluminum using the pattern on the plans as a guide; but, better still, purchase a bellcrank and control horn, matched for a ½A control-liner, from your hobby shop. Your local hobby dealer can help you tremendously in the selection of your modeling supplies, plus many helpful tips on construction. Mount the bellcrank as shown on the plans. (*Continued on page* 55)

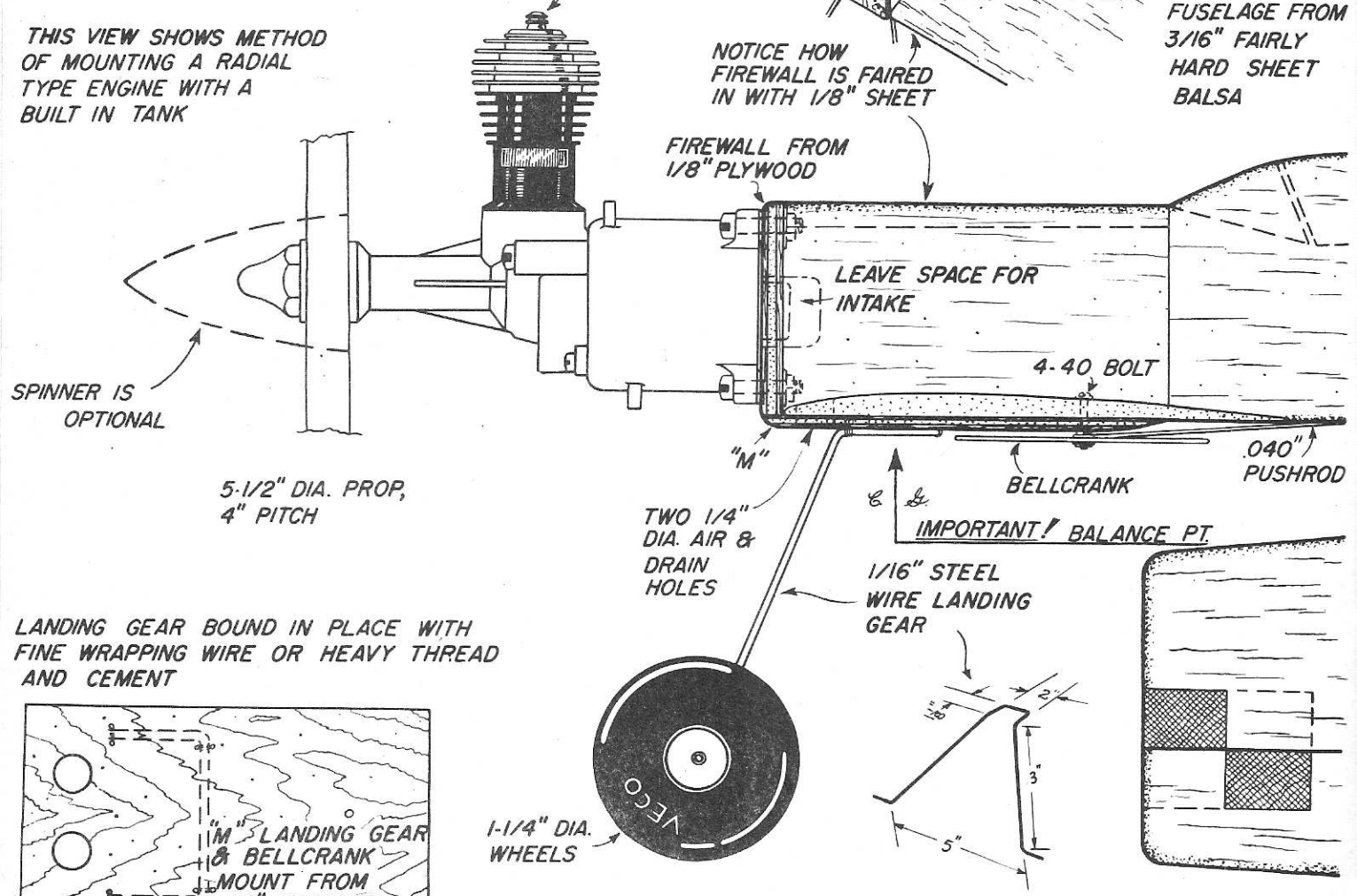
PLANS ON NEXT TWO PAGES

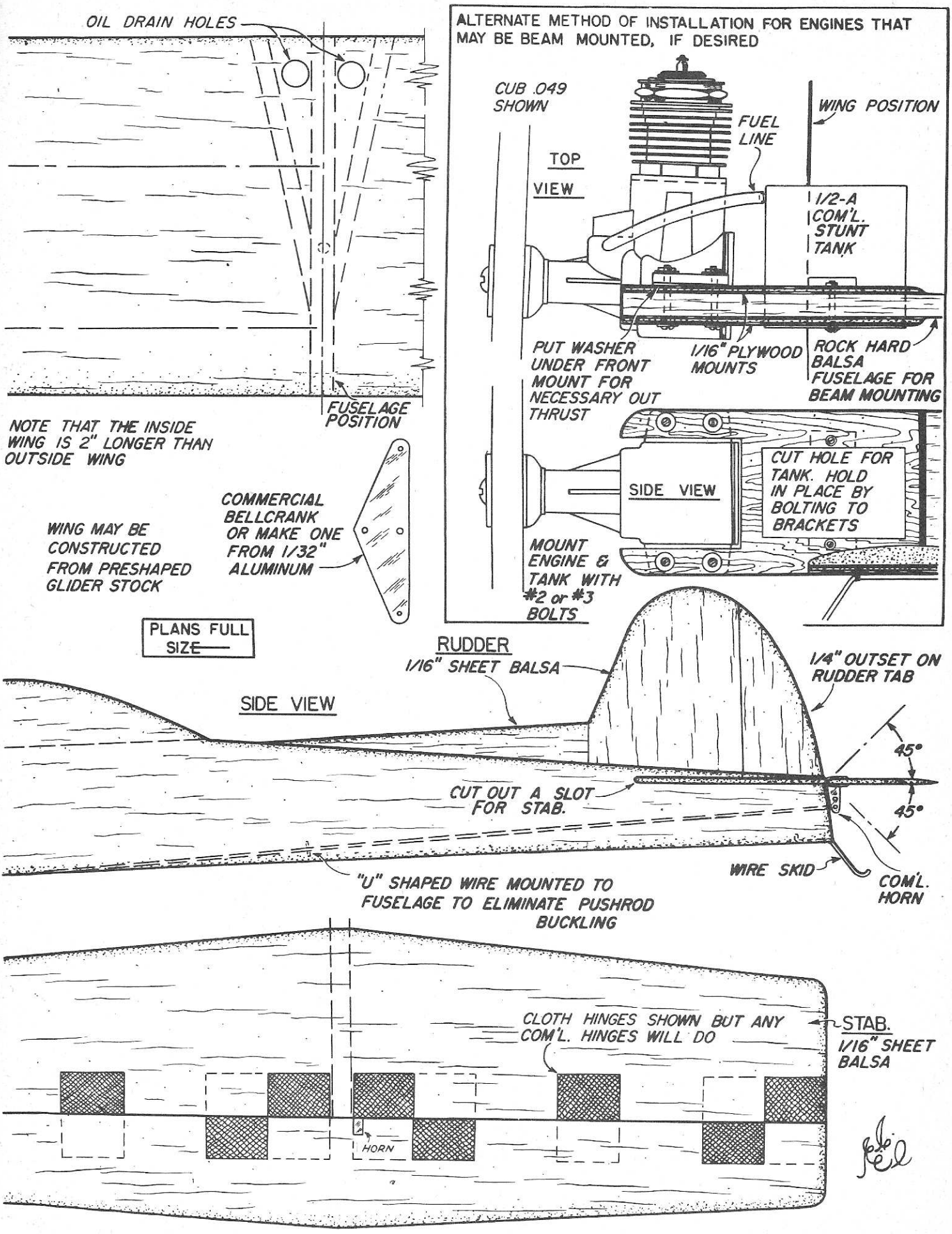
Lil' P.T.



WING
18"x 3"x 1/8" MED. SHEET BALSA






OIL DRAIN HOLES
FUSELAGE POSITION
NOTE THAT THE INSIDE WING IS 2" LONGER THAN OUTSIDE WING
WING MAY BE CONSTRUCTED FROM PRESHAPED GLIDER STOCK
COMMERCIAL BELLCRANK OR MAKE ONE FROM 1/32" ALUMINUM
PLANS FULL SIZE
ALTERNATE METHOD OF INSTALLATION FOR ENGINES THAT MAY BE BEAM MOUNTED, IF DESIRED
CUB .049 SHOWN
TOP VIEW
FUEL LINE
WING POSITION
1/2-A COM'L. STUNT TANK
PUT WASHER UNDER FRONT MOUNT FOR NECESSARY OUT THRUST
1/16" PLYWOOD MOUNTS
ROCK HARD BALSA FUSELAGE FOR BEAM MOUNTING
SIDE VIEW
CUT HOLE FOR TANK. HOLD IN PLACE BY BOLTING TO BRACKETS
MOUNT ENGINE & TANK WITH #2 or #3 BOLTS
RUDDER
1/16" SHEET BALSA
1/4" OUTSET ON RUDDER TAB
SIDE VIEW
45°
45°
CUT OUT A SLOT FOR STAB.
WIRE SKID
COM'L. HORN
"U" SHAPED WIRE MOUNTED TO FUSELAGE TO ELIMINATE PUSHROD BUCKLING
CLOTH HINGES SHOWN BUT ANY COM'L. HINGES WILL DO
STAB.
1/16" SHEET BALSA
HORN