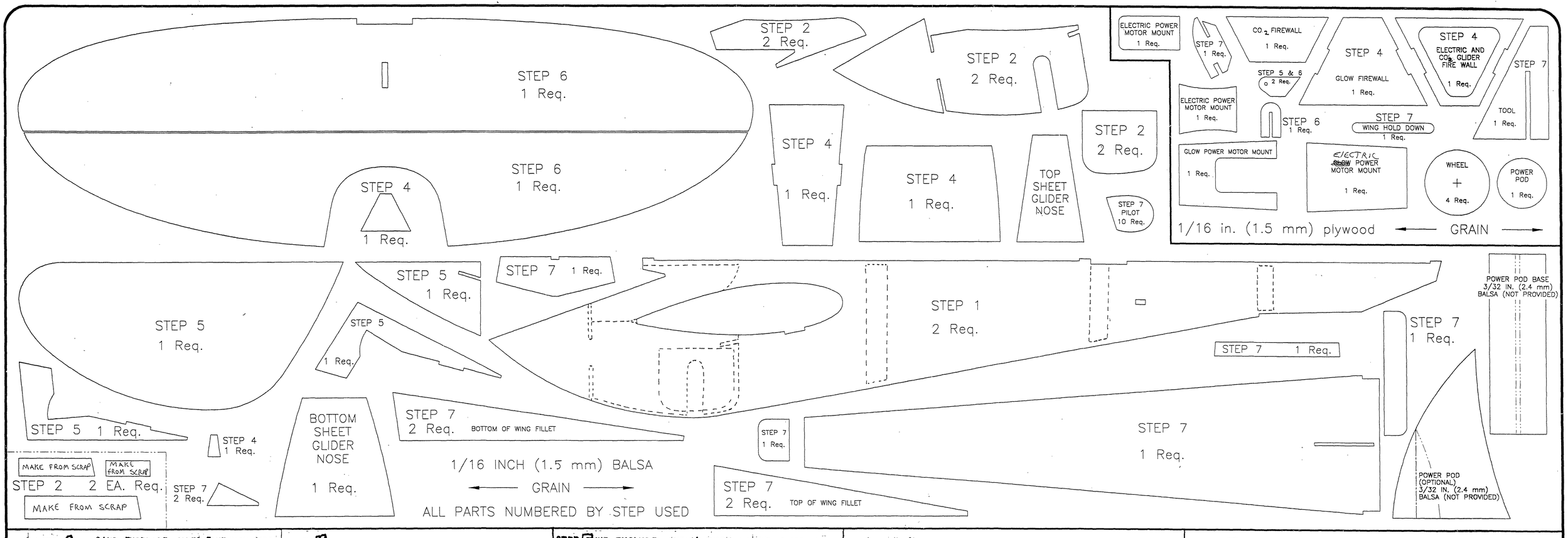
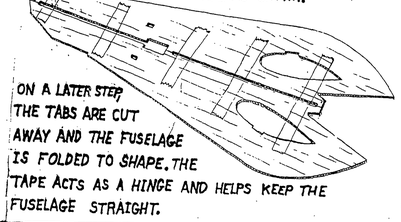
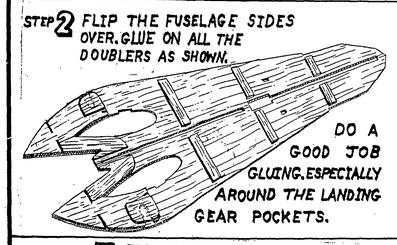


STEP 1 SAND FUSELAGE SIDES. GLUE BOTH SIDES TOGETHER BY THE 3 SMALL TABS. THE BEST LOOKING SIDES SHOULD FACE UPWARDS. APPLY THE TAPE AS SHOWN.



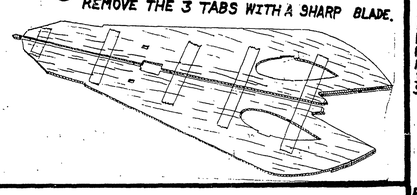
ON A LATER STEP THE TABS ARE CUT AWAY AND THE FUSELAGE IS FOLDED TO SHAPE. THE TAPE ACTS AS A HINGE AND HELPS KEEP THE FUSELAGE STRAIGHT.

STEP 2 FLIP THE FUSELAGE SIDES OVER. GLUE ON ALL THE DOUBLERS AS SHOWN.

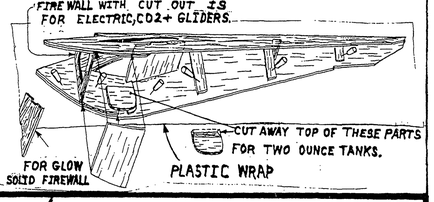


DO A GOOD JOB GLUING, ESPECIALLY AROUND THE LANDING GEAR POCKETS.

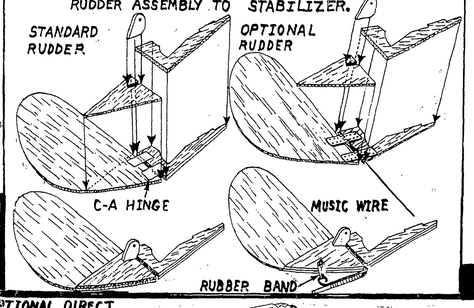
STEP 3 FLIP THE FUSELAGE SIDES OVER AND REMOVE THE 3 TABS WITH A SHARP BLADE.



STEP 4 THIS IS THE FUSELAGE FOLDING STEP. I SUGGEST A DRY RUN FIRST. USE THE CORRECT FIRE WALL FOR YOUR POWER SYSTEM. MAKE SURE EVERYTHING IS LINED UP PERFECTLY. USE PINS AND BUILDING BOARD TO ENSURE STRAIGHTNESS. REINFORCE THESE GLUE JOINTS WITH GLUE-AND-SAW DUST FILLETS.

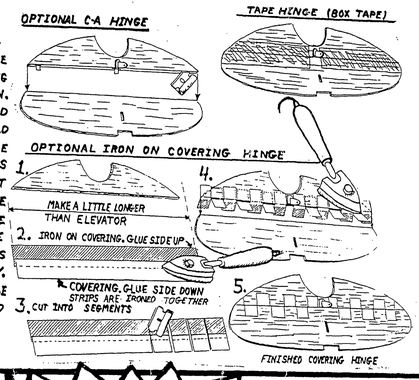


STEP 5 WE INCLUDE ONE CA TYPE HINGE. THIS CAN BE CUT INTO ENOUGH SMALLER HINGES FOR BOTH OF THE CONTROL SURFACES. THE STANDARD RUDDER FUNCTIONS AS A STEERABLE TAIL SKID. IT'S OPTIONAL TO MAKE A REMOVABLE RUDDER WITH A SPRUNG TAIL SKID. PARTS FOR THIS ARE NOT INCLUDED. ANY SANDING AND FINISHING IS BEST DONE BEFORE JOINING RUDDER ASSEMBLY TO STABILIZER.

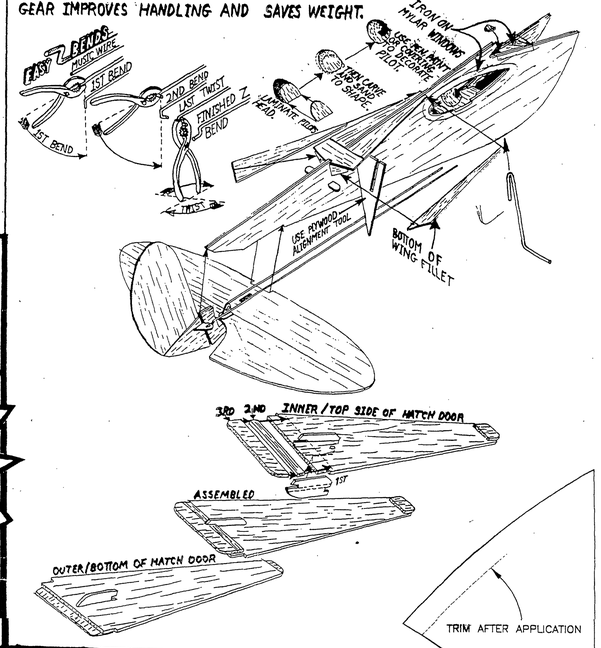


STEP 6 STABILIZER AND ELEVATOR

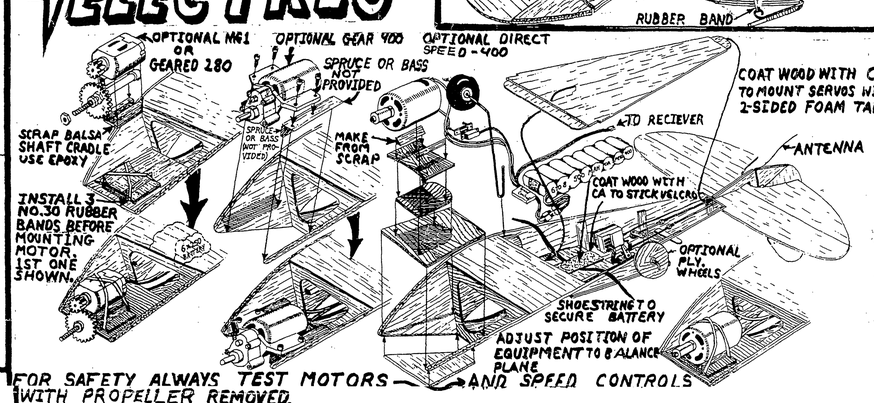
THERE ARE THREE DIFFERENT HINGING METHODS SHOWN. ANY SANDING AND FINISHING SHOULD BE DONE BEFORE HINGING. IT'S TRICKY TO CUT SLOTS FOR CA TYPE HINGES. PRACTICE ON SCRAP. THE BOX TAPE HINGE IS QUICK AND EASY. THE COVERING HINGE IS STRONG AND RELIABLE.



STEP 7 ANY SANDING AND FINISHING SHOULD BE DONE BEFORE FINAL ASSEMBLY. THE TAIL SURFACES ARE ATTACHED WITH THE PUSH RODS IN PLACE. THE PUSH RODS ARE CUT TO LENGTH DURING INSTALLATION AND BA ANCING. THE LENGTH OF THE LANDING GEAR MAY BE ADJUSTED FOR PROPELER CLEARANCE. SHORTER GEAR IMPROVES HANDLING AND SAVES WEIGHT.



ELECTRIC

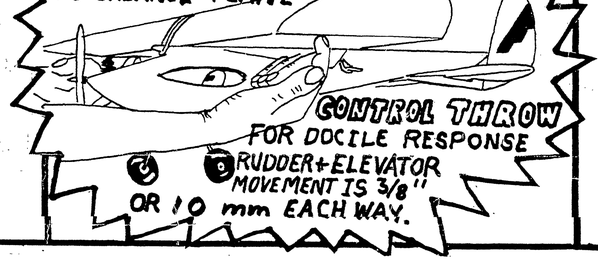


FOR SAFETY ALWAYS TEST MOTORS WITH PROPELLER REMOVED.

BALANCE

70 mm or 2 3/4" FROM LEADING EDGE

ADJUST POSITION OF EQUIPMENT TO BALANCE PLANE

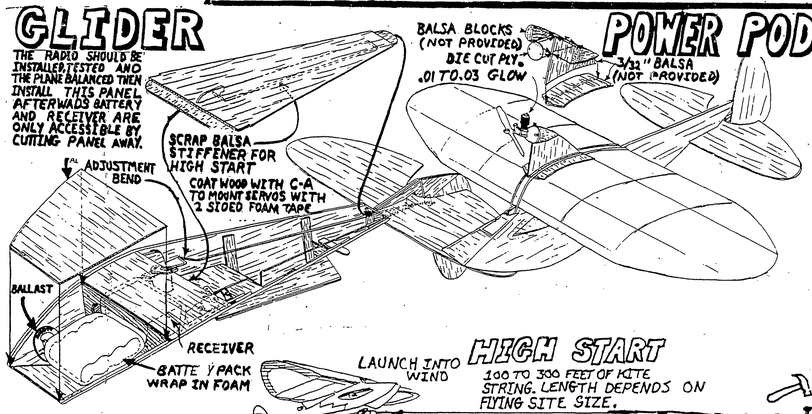


CONTROL THROW FOR DOCILE RESPONSE

RUDDER + ELEVATOR MOVEMENT IS 3/8" OR 10 mm EACH WAY.

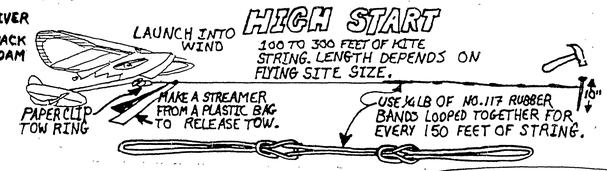
GLIDER

THE RADIO SHOULD BE INSTALLED, TESTED AND THE PLANE BALANCED THEN INSTALL THIS PANEL. AFTERWARDS BATTERY AND RECEIVER ARE ONLY ACCESSIBLE BY CUTTING PANEL AWAY.



POWER POD

HIGH START



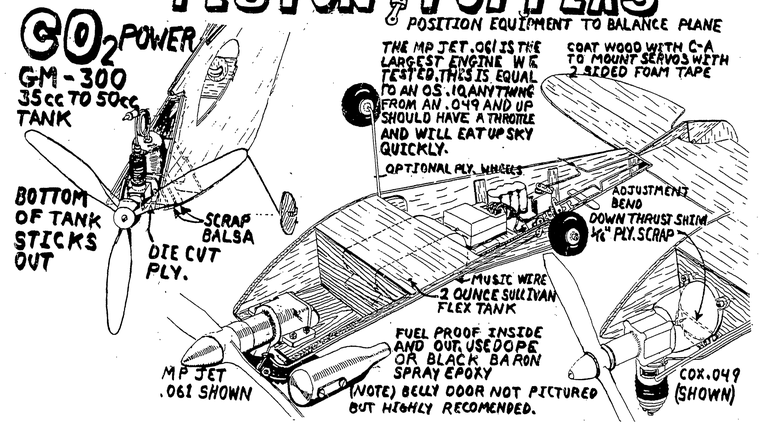
100 TO 300 FEET OF KITE STRING. LENGTH DEPENDS ON FLYING SITE SIZE.

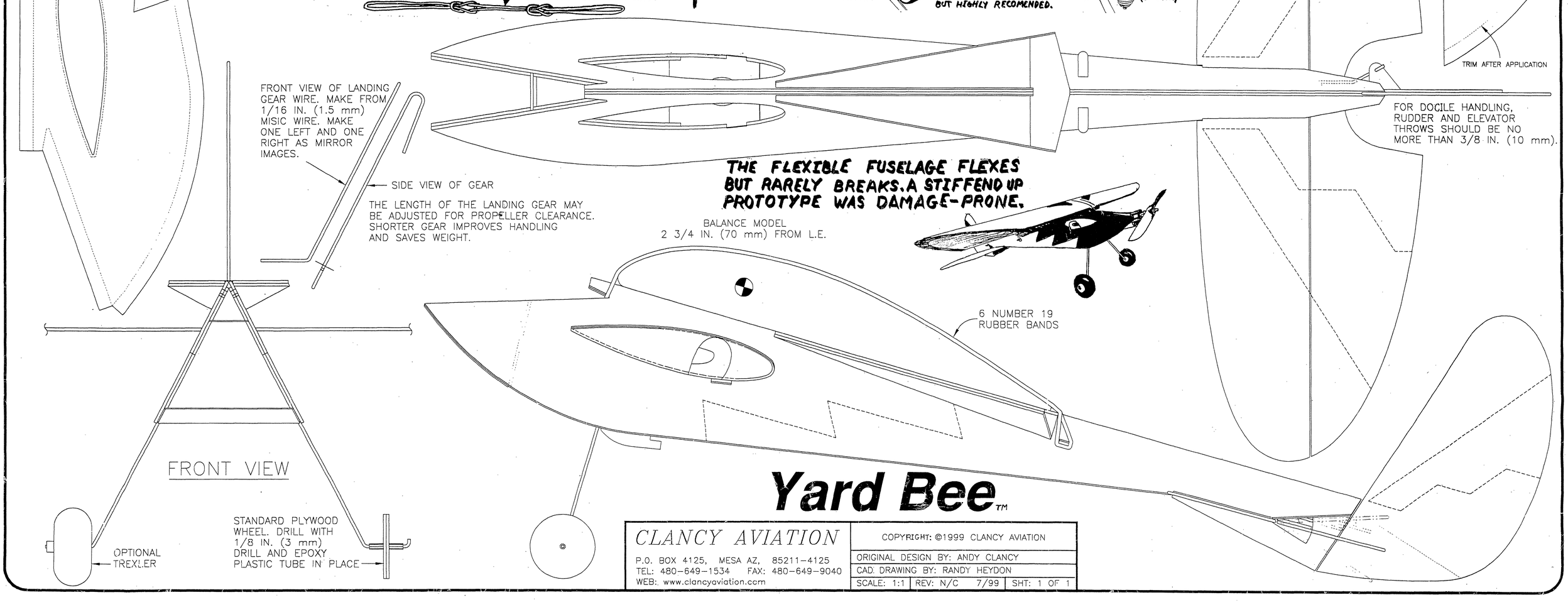
PISTON POPPERS

POSITION EQUIPMENT TO BALANCE PLANE

CO_2 POWER

GM-300 35 cc TO 50 cc TANK





FOR DOCILE HANDLING, RUDDER AND ELEVATOR THROWS SHOULD BE NO MORE THAN 3/8 IN. (10 mm).

FRONT VIEW OF LANDING GEAR WIRE. MAKE FROM 1/16 IN. (1.5 mm) MISIC WIRE. MAKE ONE LEFT AND ONE RIGHT AS MIRROR IMAGES.

SIDE VIEW OF GEAR

THE LENGTH OF THE LANDING GEAR MAY BE ADJUSTED FOR PROPELLER CLEARANCE. SHORTER GEAR IMPROVES HANDLING AND SAVES WEIGHT.

THE FLEXIBLE FUSELAGE FLEXES BUT RARELY BREAKS. A STIFFEND UP PROTOTYPE WAS DAMAGE-PRONE.

BALANCE MODEL
2 3/4 IN. (70 mm) FROM L.E.

Yard Bee™

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CAD. DRAWING BY: RANDY HEYDON
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