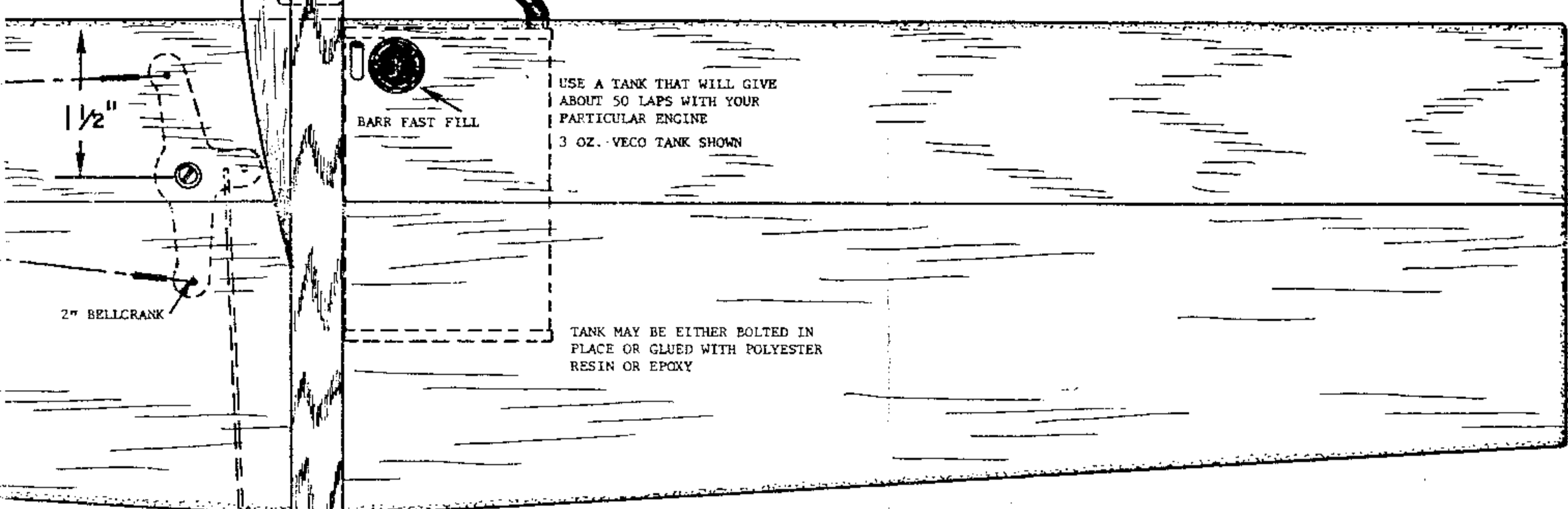


TIP DETAIL



**ASSEMBLY PROCEDURE**

PREVENT ERRORS BY GOING OVER THE PLAN THOROUGHLY BEFORE STARTING CONSTRUCTION.

THE LIGHTER THE PLANE IS THE SLOWER ITS LANDING AND TAKE-OFF SPEED WILL BE. IT WILL ALSO GET THROUGH TRAFFIC BETTER. BUILD IT STRONG BUT KEEP IT LIGHT

1. CEMENT THE TWO WING PIECES TOGETHER AND SET ASIDE TO DRY.
2. DRILL THE REQUIRED HOLES IN THE GEAR BLOCK AND ASSEMBLE THE FUSELAGE. USE GLUE FREELY AROUND THE GEAR BLOCK.
3. SHAPE THE WING AND SAND IT. MAKE UP THE LEADOUT GUIDE AND CEMENT IT IN PLACE ON THE INBOARD WING. EMBED THE GUIDE 3/32" INTO THE WING.
4. FINISH SHAPING THE FUSELAGE AND SAND IT. ATTACH THE WIRE GEAR WITH SOFT WIRE AND COAT THIS ENTIRE AREA WITH POLYESTER RESIN OR EPOXY. CEMENT THE WING IN PLACE IN THE FUSELAGE.
5. SAND THE STABILIZER AND ELEVATOR TO SHAPE. HINGE THEM WITH LINEN AND INSTALL A CONTROL HORN. A WURTZ OR SMALL JOHNSON HORN WORKS VERY WELL. CEMENT THE STAB IN POSITION IN THE FUSELAGE.
6. INSTALL THE TANK BY EITHER BOLTING IT OR GLUING IT IN PLACE WITH RESIN OR EPOXY. A FAIRING CAN BE BUILT BEHIND THE TANK FOR A MORE STREAMLINED AND A STRONGER TANK MOUNT. SOME TYPE OF FAST FILL SYSTEM IS RECOMMENDED ON THE TANK.

7. MOUNT THE ENGINE, SHAPE THE NACELLE FAIRING AND CEMENT IT IN PLACE. FILL IN AROUND THE ENGINE SHAFT FOR A MORE STREAMLINED NOSE. WE SUGGEST THAT THE ENTIRE GEAR AREA BE COATED WITH RESIN OR EPOXY JUST BEFORE INSTALLING THE NACELLE FAIRING.
8. FINISH SHAPING THE NOSE AND SAND THE ENTIRE PLANE WITH FINE SANDPAPER. COVER THE ENTIRE PLANE WITH SILK FOR EXTRA STRENGTH. FINISH THE PLANE AS YOU DESIRE.

9. BEND THE PUSHROD, MAKE UP THE CONTROL UNIT, AND INSTALL THEM ON THE PLANE. SEE PLAN FOR CORRECT BELLCRANK POSITION.

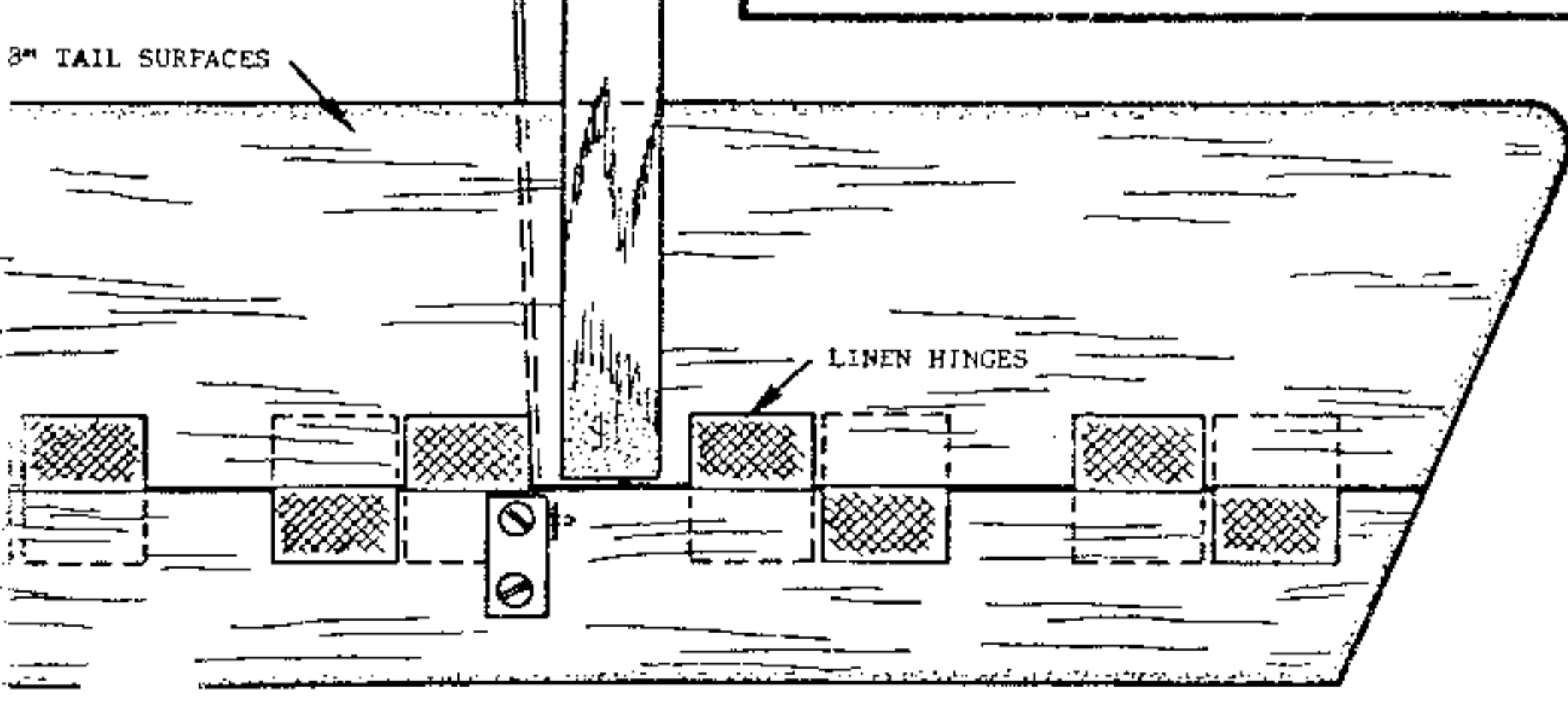
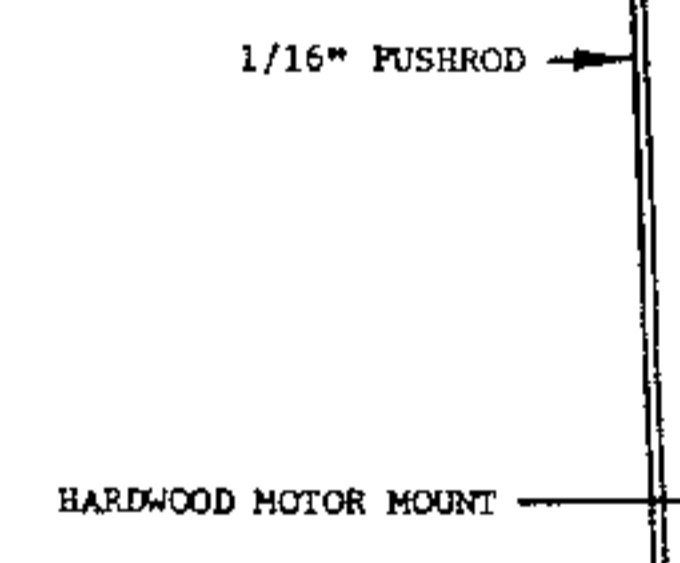
MOUNT THE STREAMLINED WHEEL ON THE GEAR. USE A SMALL WHEEL FOR FLYING OVER A SMOOTH SURFACE AND A LARGE ONE ON GRASS OR ROUGH FIELDS.

**FLYING:**

ON YOUR FIRST FLIGHTS RUN THE LEADOUTS OUT THROUGH THE HOLES TOWARD THE BACK OF THE GUIDE. AFTER YOU HAVE FLOWN THE PLANE MOVE THE LEADOUTS FORWARD UNTIL THE PLANE PULLS AS YOU DESIRE.

TO WIN IN RACE IT TAKES GOOD PIT STOPS. PRACTICE LANDING IN FRONT OF YOUR PIT MAN AND GETTING FAST ENGINE RESTARTS.

THIS PLANE HAS BEEN FLOWN IN COMPETITION FOR OVER FIVE YEARS AND WITH A REAL GOOD ENGINE IT WILL CONSISTENTLY TURN IN SPEEDS OF ABOVE 110 MPH. THE PIT STOPS ARE UP TO YOU.....  
RECOMMENDED PROP - 8 x 8 OR 8 x 9



**Quickie Rat**

WING SPAN - 24"      WING AREA - 105 SQ."  
LENGTH - 17"      WEIGHT - 16 - 19 OZ.  
DESIGNED BY: *Riley Wooten*

MFG. BY:  
**FLITE LINE PRODUCTS**  
BOX 5157      LUBBOCK, TEXAS