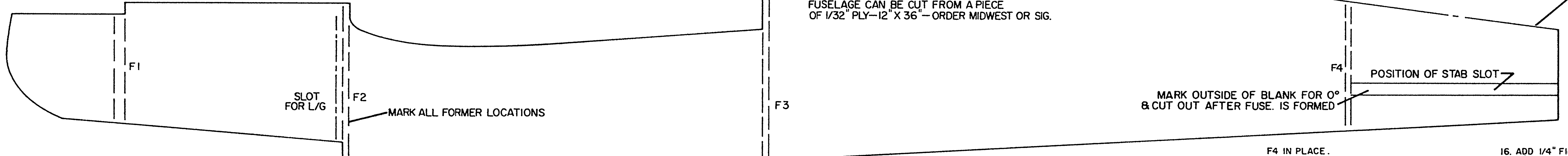


NOTE: IF NOAILERONS ARE USED—THIS CURVED TIP RAKED UP FROM THE BOTTOM WILL INCREASE ROLL RATE.

WING SPAN: 46 IN.
WING AREA: 400 SQ. IN.
WITHAILERONS: 460 SQ. IN.
ENGINE SIZE: .15 TO .19
RAND DUAL PACK OR PROPORTIONAL

DON'T EXTENDAILERONS TO TIP FOR IMPROVED SLOW SPEED LANDINGS (BETTER TIP FLOW)



PATTERN SHOWN IS 1/2 OF BLANK—FUSELAGE CAN BE CUT FROM A PIECE OF 1/32" PLY—12" X 36"—ORDER MIDWEST OR SIG.

MARK OUTSIDE OF BLANK FOR 0° & CUT OUT AFTER FUSE. IS FORMED

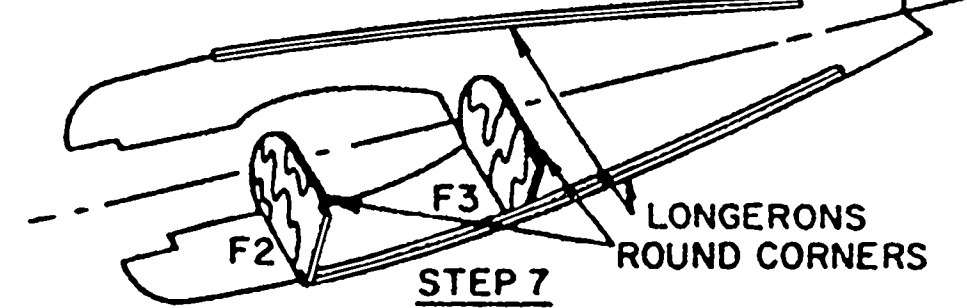
SOME SPLITTING WILL TAKE PLACE HERE

BREAK AWAY MOTOR PLATE OF 1/8" PLY OR PHENOLIC—MAX .15 SHOWN

PLY FUSELAGE CONST. NOTES

1. CUTOUT ALL FORMERS (DREMEL SAW).
2. WITH A BALL POINT PEN—MARK CENTER LINES ON FORMERS & FUSELAGE BLANK.
3. MARK FORMER LOCATIONS ON FUSE. BLANK.
4. CAREFULLY TRANSFER PATTERN TO PLY & CUT WITH—SHARP SCISSORS & KNIFE—RAZOR.
5. LAY THE PLY BLANK FLAT ON BOARD & GLUE 3/16" SQ. LONGERONS TO OUTER EDGES FROM F2 TO F4. KEEP FLUSH WITH EDGE.

6. NOW TEST THE ACCURACY OF FIT BY PLACING CENTER LINE OF FORMERS F3 & F4 ON FUSE. CENTER LINE & ROTATE UNTIL LONGERONS FIT THE NOTCHES IN FORMERS. MAKE ANY CORRECTIONS NOW
7. WITH BLANK STILL FLAT—GLUE F2 & F3 TO THE RIGHT SIDE ONLY—MAKE SURE THEY ARE SQUARE (SEE ILLUS.) USE TITE BOND OR EPOXY ON ALL PLY JOINTS. LET DRY THOROUGHLY.
8. WITH BLANK STILL FLAT USE CONTACT CEMENT TO GLUE DOUBLERS IN PLACE. (BOTH SIDES).



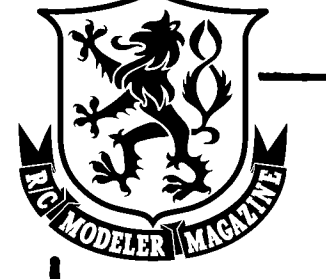
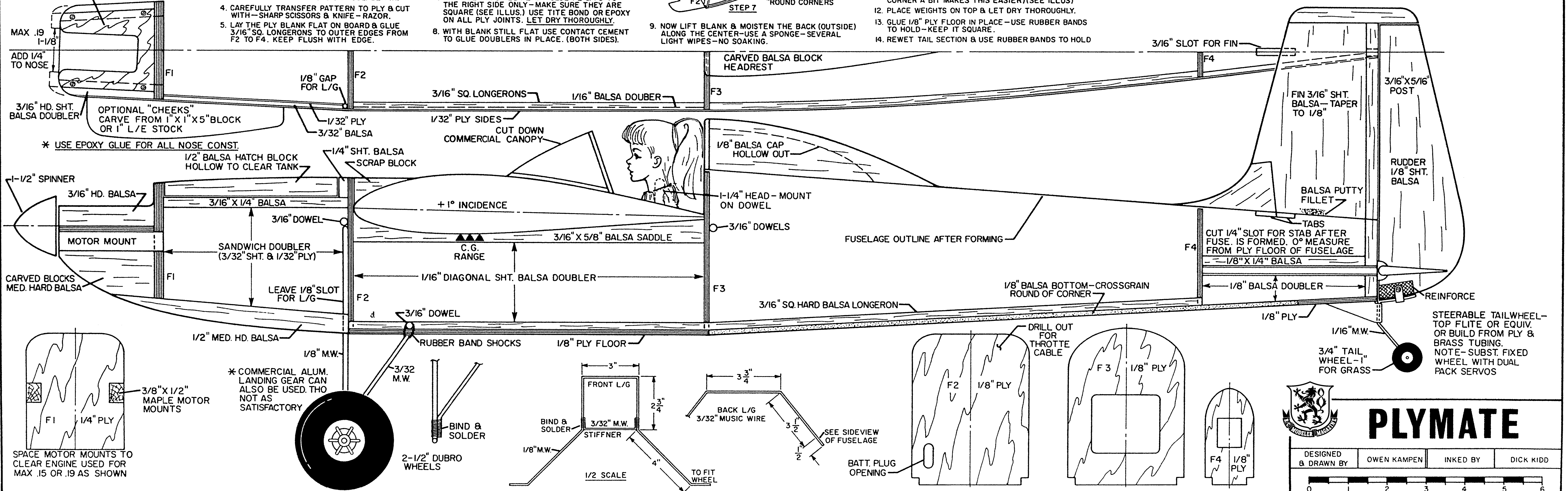
10. SLIP ONE OR TWO RUBBER BANDS OVER BLANK BETWEEN F3 & F4 TO AID FORMING—DON'T FORCE THE BEND—GIVE IT A LITTLE TIME. LEAVE 1/8" SLOT FOR LANDING GEAR FORWARD OF F2.
11. PLACE FUSE BACK ON ITS SIDE. THEN PUT GLUE ON TOP SIDE OF F2 & F3—PULL TIGHT UNTIL LONGERONS SNAP INTO FORMER NOTCHES (ROUNDING THE NOTCH CORNER A BIT MAKES THIS EASIER) (SEE ILLUS)
12. PLACE WEIGHTS ON TOP & LET DRY THOROUGHLY.
13. GLUE 1/8" PLY FLOOR IN PLACE—USE RUBBER BANDS TO HOLD—KEEP IT SQUARE.
14. REWET TAIL SECTION & USE RUBBER BANDS TO HOLD

F4 IN PLACE.

HARD BALSAS OR PINE STICKS KEEP THE SIDES FROM BULGING & INSURE A TIGHT FIT.

16. ADD 1/4" FIREWALL & FROM HERE ON IN IT'S LIKE ANY OTHER FUSELAGE. IT'S EASIER THAN IT APPEARS. ONCE YOU'VE MADE ONE—YOU'LL MAKE MORE.

GOOD LUCK,
OWEN KAMPEN



PLYMATE

DESIGNED & DRAWN BY OWEN KAMPEN INKED BY DICK KIDD

