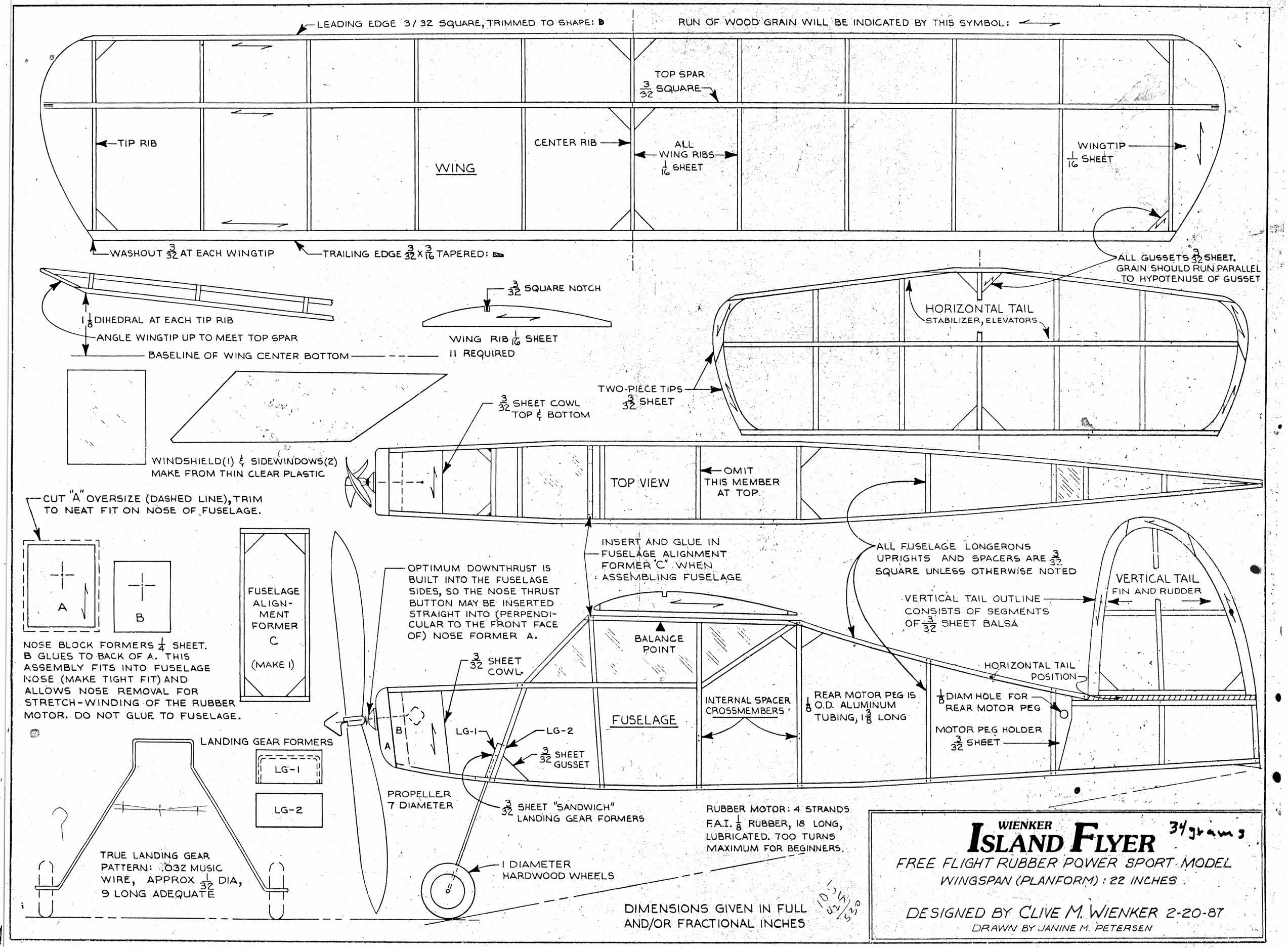
LEADING EDGE 3/32 SQUARE, TRIMMED TO SHAPE:
RUN OF WOOD GRAIN WILL BE INDICATED BY THIS SYMBOL:
TOP SPAR 3/32 SQUARE
TIP RIB
WING
CENTER RIB
ALL WING RIBS 1/16 SHEET
WINGTIP 1/16 SHEET
WASHOUT 3/32 AT EACH WINGTIP
TRAILING EDGE 3/32 X 3/16 TAPERED:
ALL GUSSETS 3/32 SHEET. GRAIN SHOULD RUN PARALLEL TO HYPOTENUSE OF GUSSET
1 1/8 DIHEDRAL AT EACH TIP RIB
ANGLE WINGTIP UP TO MEET TOP SPAR
BASELINE OF WING CENTER BOTTOM
3/32 SQUARE NOTCH
WING RIB 1/16 SHEET
11 REQUIRED
HORIZONTAL TAIL
STABILIZER, ELEVATORS
TWO-PIECE TIPS 3/32 SHEET
3/32 SHEET COWL TOP & BOTTOM
WINDSHIELD(1) & SIDEWINDOWS(2) MAKE FROM THIN CLEAR PLASTIC
TOP VIEW
OMIT THIS MEMBER AT TOP
CUT "A" OVERSIZE (DASHED LINE), TRIM TO NEAT FIT ON NOSE OF FUSELAGE.
A
B
NOSE BLOCK FORMERS 1/4 SHEET. B GLUES TO BACK OF A. THIS ASSEMBLY FITS INTO FUSELAGE NOSE (MAKE TIGHT FIT) AND ALLOWS NOSE REMOVAL FOR STRETCH-WINDING OF THE RUBBER MOTOR. DO NOT GLUE TO FUSELAGE.
FUSELAGE ALIGNMENT FORMER C (MAKE 1)
OPTIMUM DOWNTHRUST IS BUILT INTO THE FUSELAGE SIDES, SO THE NOSE THRUST BUTTON MAY BE INSERTED STRAIGHT INTO (PERPENDICULAR TO THE FRONT FACE OF) NOSE FORMER A.
INSERT AND GLUE IN FUSELAGE ALIGNMENT FORMER 'C' WHEN ASSEMBLING FUSELAGE
ALL FUSELAGE LONGERONS UPRIGHTS AND SPACERS ARE 3/32 SQUARE UNLESS OTHERWISE NOTED
VERTICAL TAIL
FIN AND RUDDER
VERTICAL TAIL OUTLINE CONSISTS OF SEGMENTS OF 3/32 SHEET BALSA
BALANCE POINT
3/32 SHEET COWL
HORIZONTAL TAIL POSITION
INTERNAL SPACER CROSSMEMBERS
REAR MOTOR PEG IS 1/8 O.D. ALUMINUM TUBING, 1 3/8 LONG
1/8 DIAM HOLE FOR REAR MOTOR PEG
MOTOR PEG HOLDER 3/32 SHEET
FUSELAGE
LG-1
LG-2
3/32 SHEET GUSSET
LANDING GEAR FORMERS
LG-1
LG-2
PROPELLER 7 DIAMETER
3/32 SHEET "SANDWICH" LANDING GEAR FORMERS
RUBBER MOTOR: 4 STRANDS F.A.I. 1/8 RUBBER, 18 LONG, LUBRICATED. 700 TURNS MAXIMUM FOR BEGINNERS.
TRUE LANDING GEAR PATTERN: .032 MUSIC WIRE, APPROX 1/32 DIA, 9 LONG ADEQUATE
1 DIAMETER HARDWOOD WHEELS
DIMENSIONS GIVEN IN FULL AND/OR FRACTIONAL INCHES
WIENKER
ISLAND FLYER
34 grams
FREE FLIGHT RUBBER POWER SPORT MODEL
WINGSPAN (PLANFORM): 22 INCHES
DESIGNED BY CLIVE M. WIENKER 2-20-87
DRAWN BY JANINE M. PETERSEN