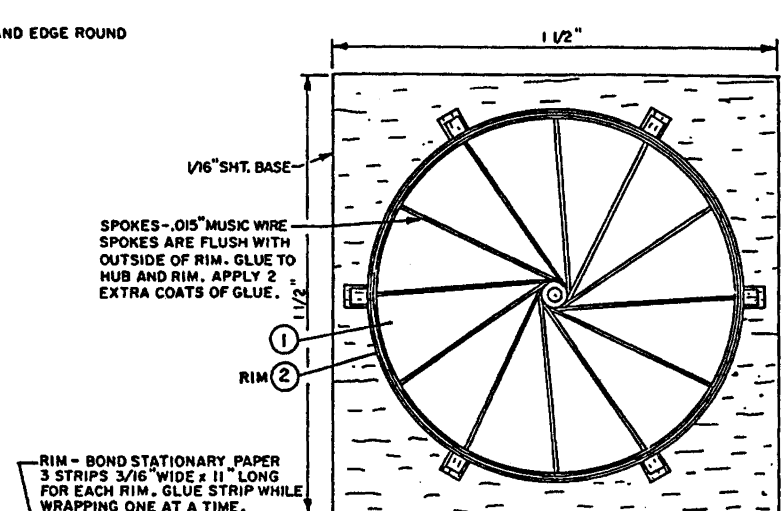
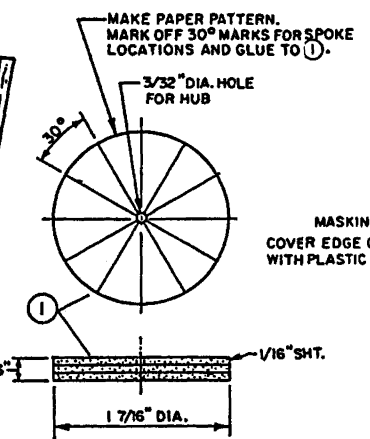


MAKING TIRES
 1. USE SANDING SEALER AND SAND SMOOTH.
 2. PAINT FLAT BLACK AND GLUE TO RIM.



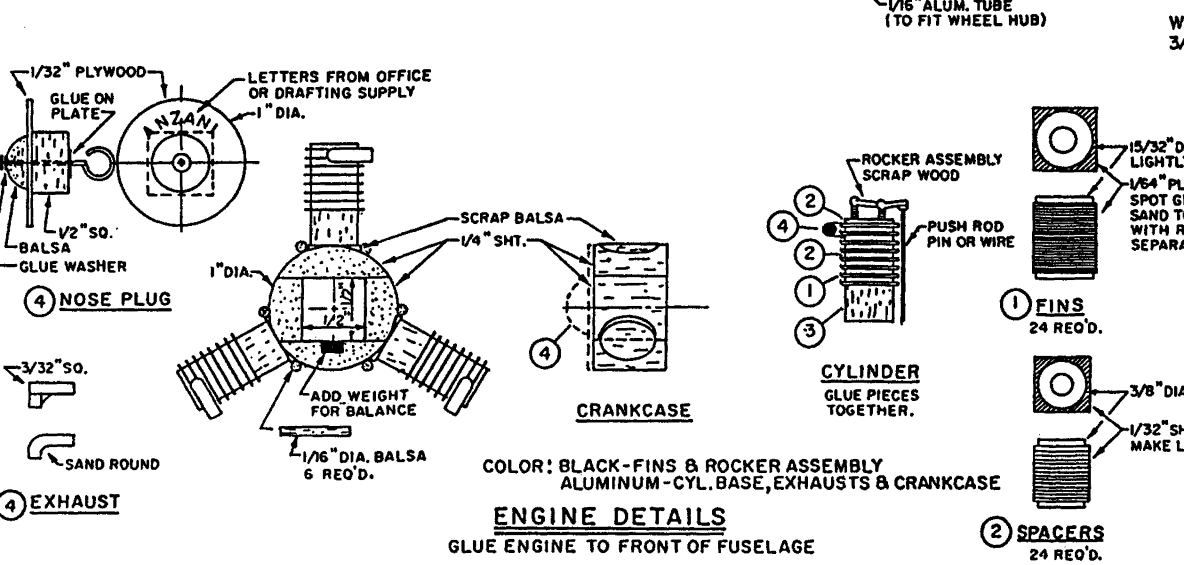
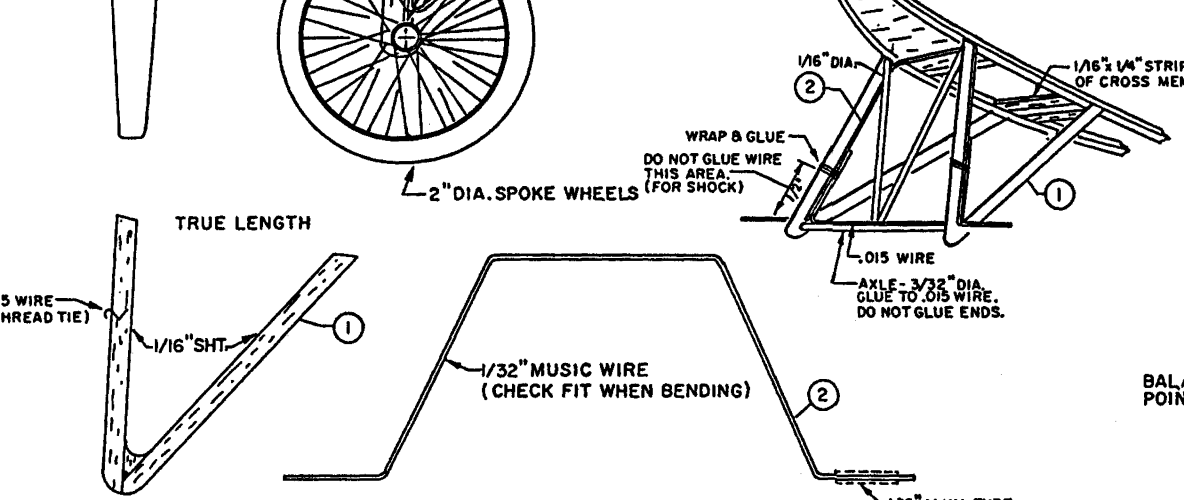
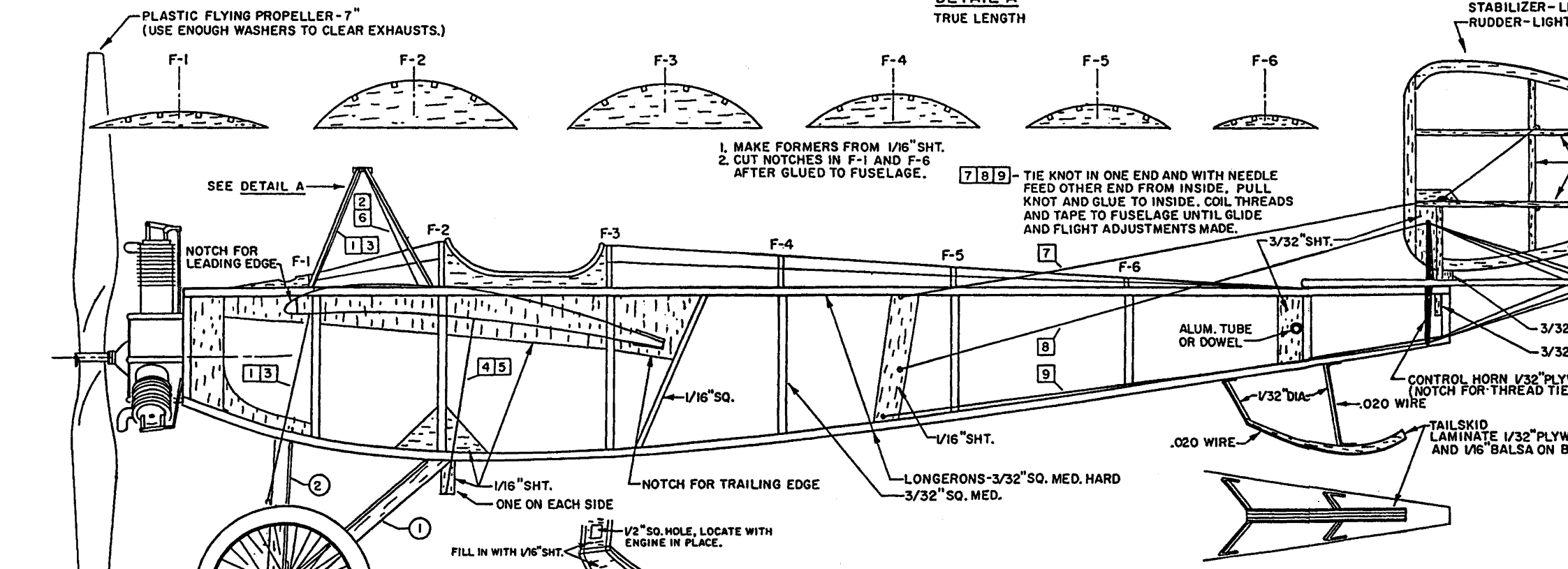
FORMING RIM
 1. COVER EDGE WITH PLASTIC WRAP.
 2. AFTER DRY, MAKE SPOKE HOLES WITH PIN.
 3. MAKE BOTH RIMS BEFORE MAKING WHEEL JIG.

WHEEL JIG (DOUBLE SIZE)
 1. GLUE 1/16" SHT. AND 3/32" SHT. PIECES TOGETHER AND GLUE TO BASE.
 2. MOUNT RIM AND HUB ON JIG.
 3. CUT SPOKES AND GLUE IN PLACE.
 4. REMOVE FROM JIG AND GLUE SPOKES ON OPPOSITE SIDE.
 5. PAINT RIMS ALUMINUM.



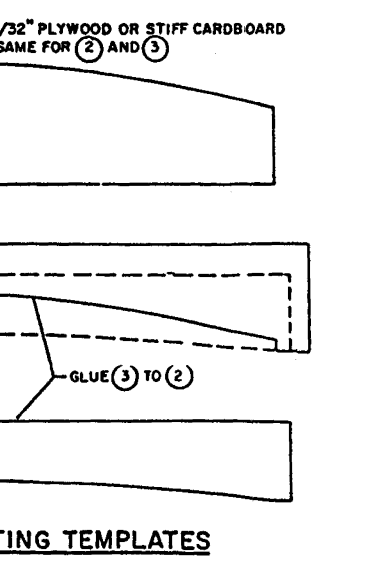
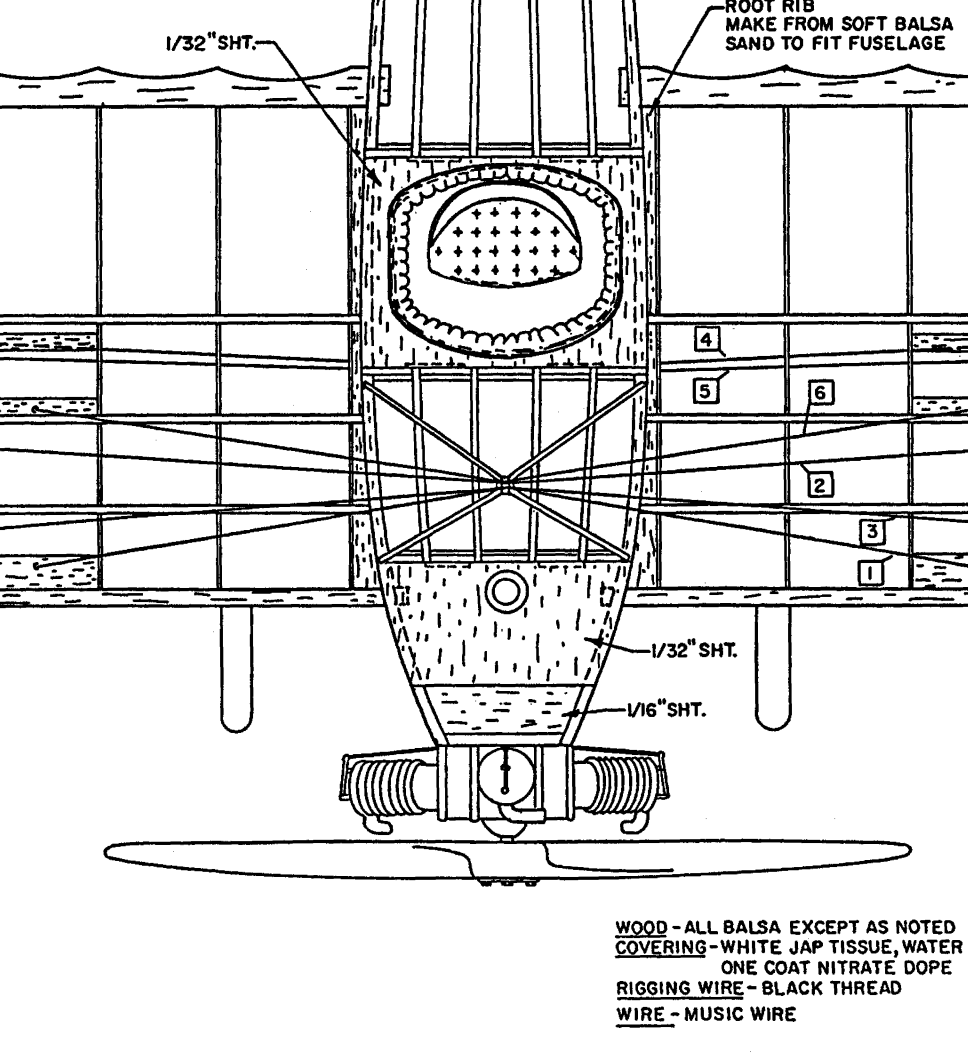
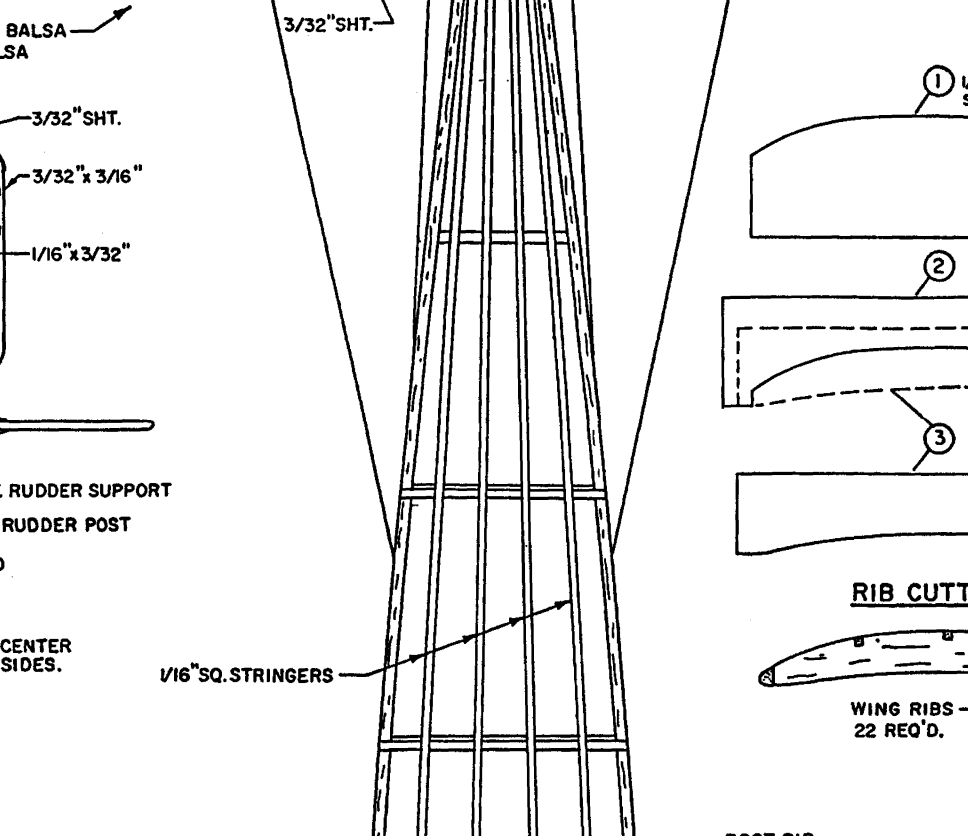
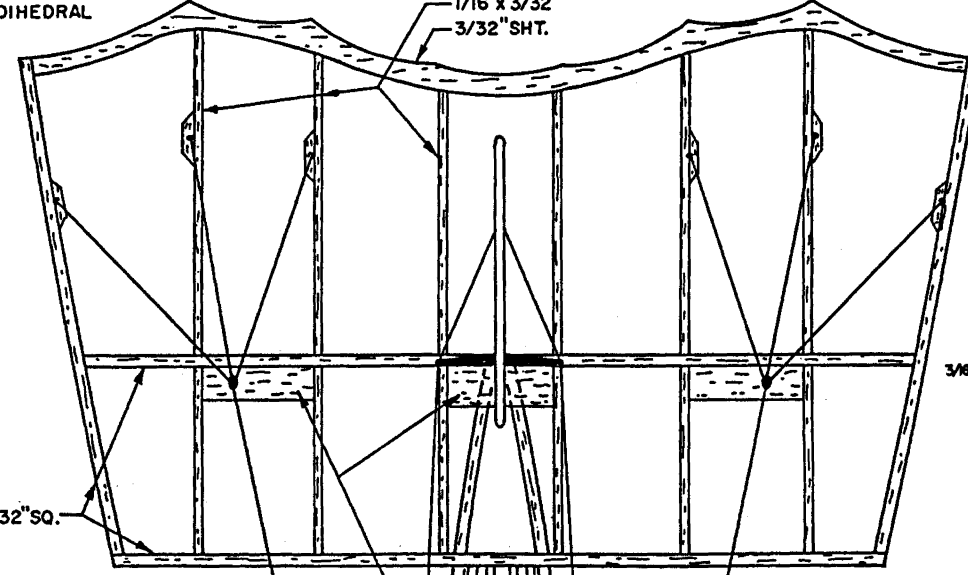
RIM FORM
 1. GLUE ROUND 1/16" SHT. TOGETHER WITH GRAIN AT 45° TO EACH OTHER.
 2. GLUE ON PATTERN.
 3. DRILL 3/32" HOLE FOR HUB.

MAKING SPOKE WHEELS
 1. CUT TOP OF RIBS AS SHOWN.
 2. PLACE TOP CUT IN TEMPLATE (2) AND CUT BOTTOM OF RIB.
 3. FIN RIBS TOGETHER AND CUT 1/16" SQ. NOTCHES FOR SPOKES.
 NOTE: RIBS WILL BE SLIGHTLY LONG. TRIM TO FIT.



ENGINE DETAILS
 GLUE ENGINE TO FRONT OF FUSELAGE

WOOD - ALL Balsa EXCEPT AS NOTED
COVERING - WHITE JAP TISSUE, WATER SHRINK,
ONE COAT NITRATE DOPE
RIGGING WIRE - BLACK THREAD
WIRE - MUSIC WIRE



RIB CUTTING TEMPLATES
 WING RIBS - 1/32" SHT.
 22 REQ'D.

MAKING RIBS
 ROOT RIB MAKE FROM SOFT Balsa SAND TO FIT FUSELAGE
 TRAILING EDGE 3/32" x 5/16"
 1/2" RAD.
 LEADING EDGE 1/8" SQ.

MAKING RIBS
 1. CUT TOP OF RIBS AS SHOWN.
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MAKING RIBS
 1. COVER EDGE WITH PLASTIC WRAP.
 2. AFTER DRY, MAKE SPOKE HOLES WITH PIN.
 3. MAKE BOTH RIMS BEFORE MAKING WHEEL JIG.

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 2. GLUE ON PATTERN.
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MAKING RIBS
 1. MAKE FORMERS FROM 1/16" SHT. CUT NOTCHES IN F-1 AND F-6 AFTER GLUED TO FUSELAGE.
 2. TIE KNOT IN ONE END AND WITH NEEDLE FEED OTHER END FROM INSIDE. PULL KNOT AND GLUE TO INSIDE. COIL THREADS AND TAPE TO FUSELAGE UNTIL GLIDE AND FLIGHT ADJUSTMENTS MADE.

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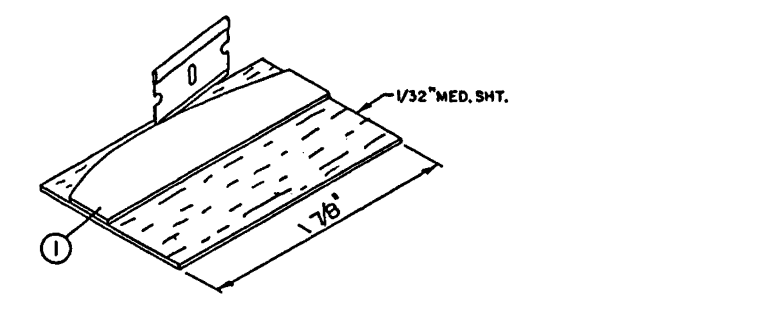
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IN 1910 TWO BROTHERS GASTON AND RENE CAUDRON STARTED AN AIRPLANE FACTORY IN FRANCE. AMONG THEIR MANY PLANES OF DIFFERENT DESIGNS WAS THIS PLANE POWERED BY AN ENGINE OF 30 H.P. MADE BY ANZANI CO.

REFERENCE
 HARRY ROBINSONS FINE 3-VIEW PLAN PUBLISHED IN BILL HANNANS' "PEANUTS & PISTACHIOS" VOL II

1911 CAUDRON TYPE N MONOPLANE
16" Wingspan

MACE MODEL AIRCRAFT CO.
 TULSA, OKLA.

DESIGNED BY DON MACE DRAWN BY DON MACE
 JANUARY 1988