

HISTORY: THE TWIN PUSHER STYLE OF MODEL AIRCRAFT HAS BEEN KNOWN SINCE ABOUT 1930 AND DURING THIS TIME MANY CONTESTS HELD THE TOTAL DISTANCE FLOWN, RATHER THAN DURATION, AS THEIR OBJECTIVE. OWING TO THE COUNTER-ROTATING PROPS, THE TWIN PUSHERS USUALLY ADJUSTED RATHER EASILY TO FLIGHT IN A STRAIGHT LINE. TRY ONE FOR A PLEASANT CHANGE-OF-PACE!

FOR ADDITIONAL INFORMATION ON TWIN PUSHERS AND OTHER VINTAGE MODEL AIRCRAFT, SEE THE COMPLETE BOOK OF MODEL AIRCRAFT SPACECRAFT AND ROCKETS BY LOUIS H. HERTZ (CROWN PUBLISHERS, INC.)

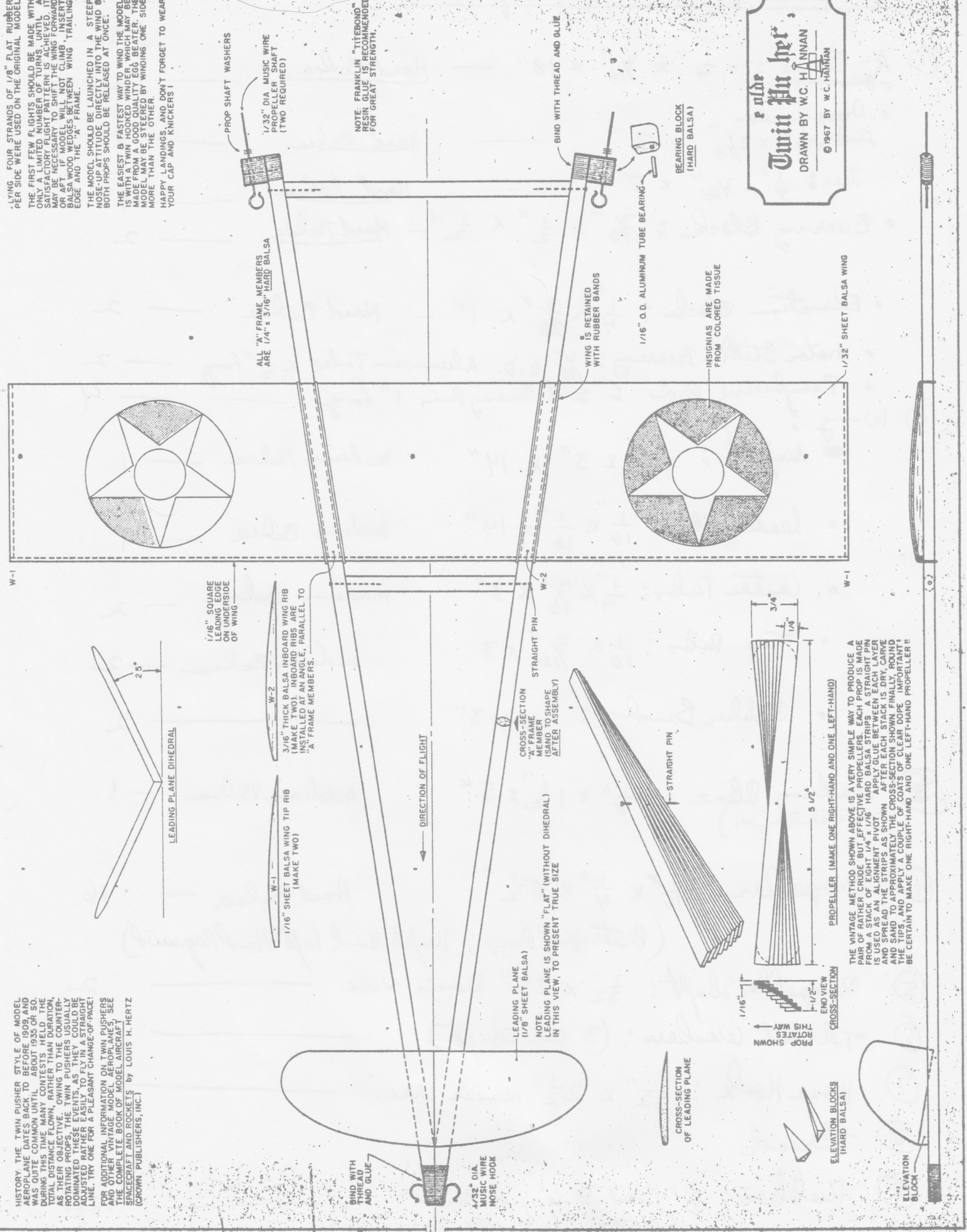
LYING FOUR STRANDS OF 1/8" FLAT RUBBER PER SIDE WERE USED ON THE ORIGINAL MODEL. ONLY A LIMITED NUMBER OF TURNS, UNTIL SATISFACTORY LIGHT TO SHINE FROM THE WING OR AFT IF MODEL WILL NOT CLIMB, INSERT BALSA WOOD WEDGES BETWEEN WING TRAILING EDGE AND THE "A" FRAME.

THE MODEL SHOULD BE LAUNCHED IN A STEEP NOSE-UP ATTITUDE DIRECTLY INTO THE WIND & BOTH PROPS SHOULD BE RELEASED AT ONCE.

THE EASIEST & FASTEST WAY TO WIND THE MODEL IS WITH A TWIN HOOKED WINDER WHICH MAY BE ORDERED FROM THE MANUFACTURER. THE MODEL MAY BE STEERED BY WINDING ONE MORE THAN THE OTHER.

HAPPY LANDINGS, AND DON'T FORGET TO WEAR YOUR CAP AND KNICKERS!

NOTE: FRANKLIN "FIBRODOL" RESIN GLUE IS RECOMMENDED FOR GREAT STRENGTH.



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- ① A-Frame:  $\frac{1}{4}$ " x  $\frac{3}{16}$ " x 18" — Hard Balsa — 2
- Cross Pieces:  $\frac{1}{4}$ " x  $\frac{3}{16}$ " x 3" — Hard Balsa — 1
- Rear:  $\frac{1}{4}$ " x  $\frac{3}{16}$ " x 5" — Hard Balsa — 1
- Bearing Block:  $\frac{3}{16}$ " x  $\frac{1}{2}$ " x  $\frac{1}{2}$ " — Hard Balsa — 2
- Elevator Block:  $\frac{1}{4}$ " x  $\frac{3}{16}$ " x 1" — Hard Balsa — 2
- Motor Stack Bearing:  $\frac{1}{16}$ " O.D. Aluminum Tube x  $\frac{1}{2}$ " long — 2
- Reinforcing Pins:  $\frac{1}{8}$ " Std Sewing Pin 1" long — 4
- ② Wing:
  - Airfoil:  $\frac{1}{32}$ " x 3" x 14" — medium Balsa — 1
  - Leading Edge:  $\frac{1}{16}$ " x  $\frac{1}{16}$ " x 14" — medium Balsa — 1
  - Center Rib:  $\frac{1}{4}$ " x  $\frac{3}{16}$ " x 3" — medium Balsa — 2
  - Tip Ribs:  $\frac{1}{10}$ " x  $\frac{3}{16}$ " x 3" — medium Balsa — 2
  - Rubber Bands: approx 3" — 2
- ③ Leading Plane:  $\frac{1}{8}$ " x  $1\frac{1}{2}$ " x 5" — medium Balsa — 1  
(Stabilizer)
- ④ Propeller:  $\frac{1}{16}$ " x  $\frac{1}{4}$ " x  $5\frac{1}{2}$ " — Hard Balsa — 16  
(8 Strips/Prop; Tight Hand left Hand Required)
- ⑤ Propeller shaft:  $\frac{1}{32}$ " x  $2\frac{1}{2}$ " Music Wire — 2
- ⑥ Thrust Washers: (3 per shaft) — 6
- ⑦ Nose Hook:  $\frac{1}{32}$ " x  $2\frac{1}{2}$ " Music Wire — 1
- ⑧ Thread
- ⑨ Rubber:  $\frac{1}{8}$ " Flat x 6" / motor — 12 ft  
(4 strips each 18" long)