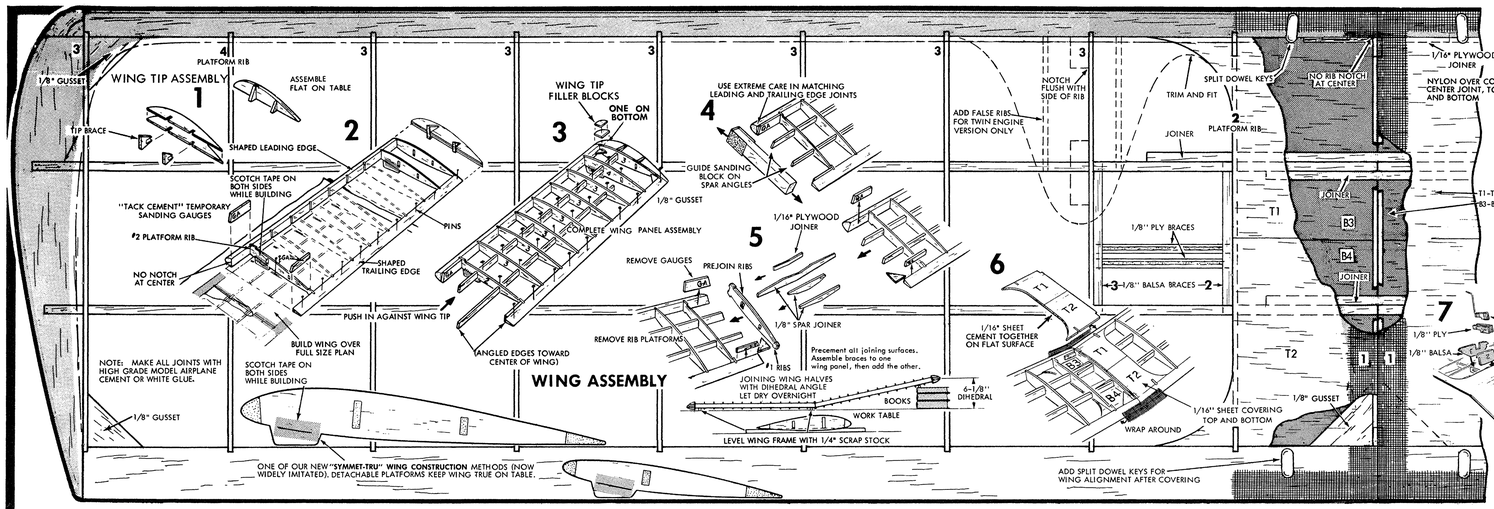
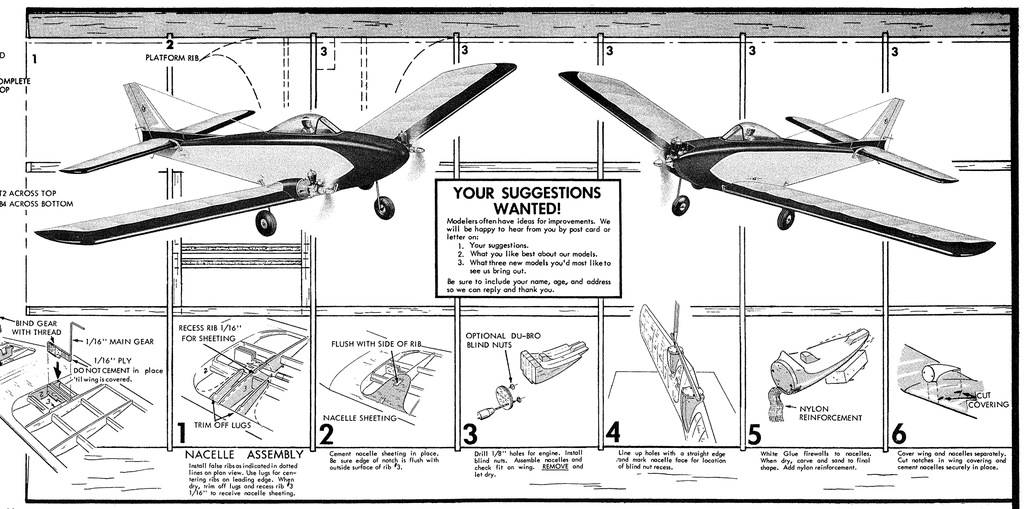




JR. SKYLARK

optional **single** or **twin engine** R/C **KIT G 22**

FOR SINGLE CHANNEL—ESCAPEMENT OR PULSE

FOR .010—.049 ENGINES

ENGINES TO USE

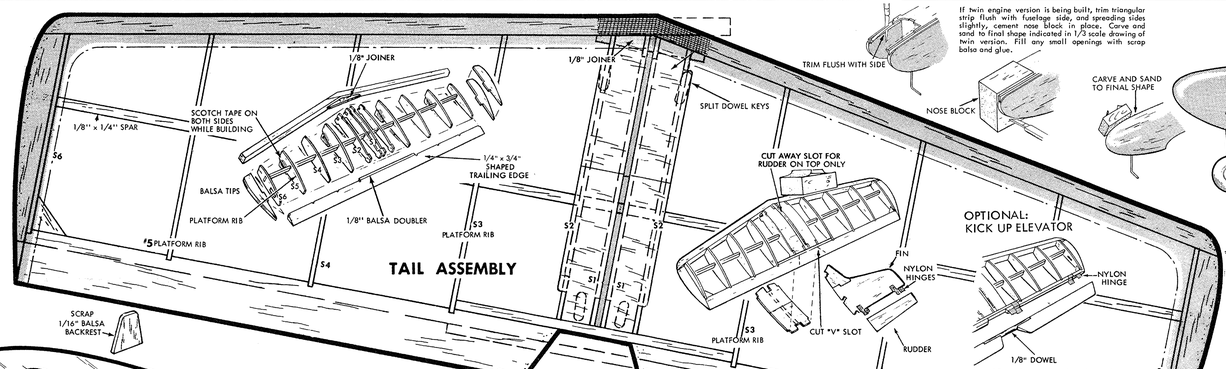
All .010, .020 and .049⅝ are suitable, and may be mounted directly to the firewall, or beam-mounted if necessary.

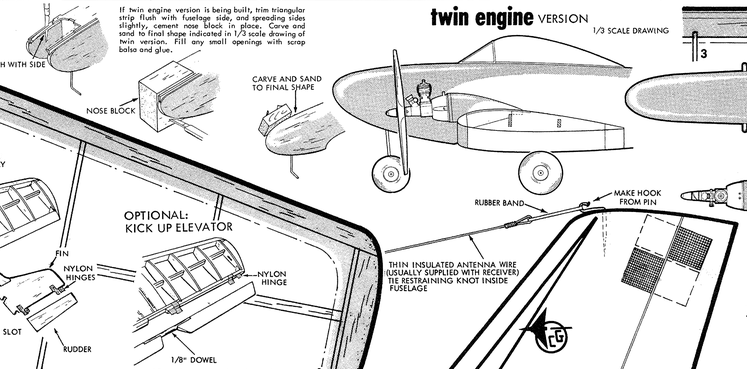
SPAN: 37"
LENGTH: 29"
AREA: 235 sq. in.
WEIGHT: 18 oz.

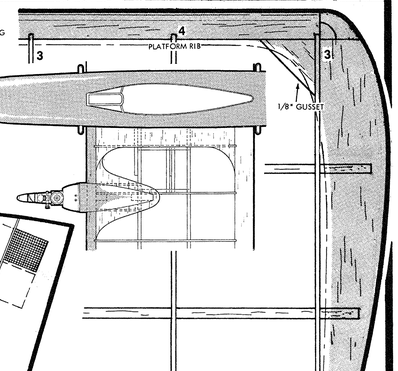
Designed and drawn by:
Carl Goldberg Jr.
F.C. McVickar Ron Pawlowski
Paul Frauenhoffer

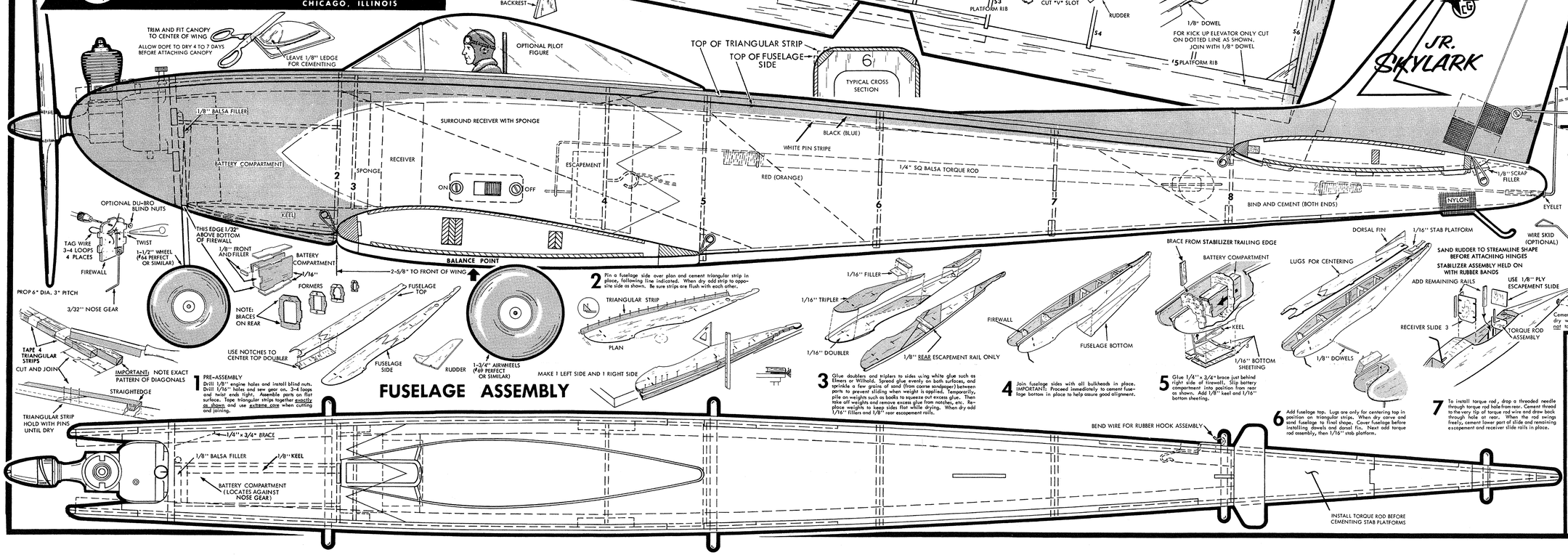
ORIGINAL MODELS BUILT BY — FRANK MYERS, STAN PETERSON, RON PAWLOWSKI

CARL GOLDBERG MODELS INC.
CHICAGO, ILLINOIS









TYPICAL RECOMMENDED R/C EQUIPMENT

RECEIVERS (SUPERHET PREFERRED)
P & M VANGUARD, PIONEER, ETC.
CONTROLAIRE SH-100, 4, 5, ROBOT
MRN-X SH-1 , CAPRI
KRAFT KR3, KOVE
If necessary, write receiver manufacturer regarding suitable transmitter.

ESCAPEMENTS, SERVOS, ETC.
CITIZENSHIP SE-2
BONNER SH
ROYAL RUDDER SERVO
ADAMS ACTUATOR
BAND ACTUATOR
CONTROLAIRE GHOST

Engine, propeller, tank, wheels, radio equipment, and hardware such as screws and nuts, etc., not included in this kit. Obtain them from your hobby shop.

PROCEDURE

Pre-cement all highly stressed points, such as wing center joints, engine mount and landing gear joints, and joints of sheet balsa fuselage.

The proper technique is as follows: Coat both joining areas with cement, rub into the wood surface and let dry. Next coat these areas generously with cement and join using light clamping, or applying weights on laminated areas. We recommend you use only high grade model cement for most joints, and white glue (Elmer's, Withold, etc.) for laminating fuselage doublers.

COVERING

1. Silk is an excellent all purpose covering for R/C models of this size. However, nylon and heavy grades of model paper may also be used.

2. The best adhesive is clear nitrate dope, but clear butyrate dope will do, although it dries slower.

3. All surfaces, whether sheet balsa or framework, should be covered. Use the following procedure:

a. Sand all surfaces to a smooth contour and finish.

b. Give entire structure two coats of clear dope, full strength. Sand each coat lightly when dry using very fine sandpaper. This seals structure and makes covering easier.

c. Cut silk slightly oversize, allowing an extra inch at all sides to help in handling. Cut 4 pieces for wing, 5 for fuselage (2 for top), and 2 each for rudder and stabilizer. Wet one piece and lay gently in place, pulling out all wrinkles. Apply dope over silk in a band about 1/2" wide along the short edge (on the wing this would be at the root). Gently rub this dope through silk with thumb or finger. Stretch silk moderately over structure, working out all wrinkles. If silk begins to dry before you're finished, apply more water with soft brush or spray. Pull silk gently across its width and along its length to work out wrinkles, doping edges down as you go. Apply dope right over silk and gently rub it through with your fingers. When you have worked down to the tip, apply dope along it to complete the job. Trim excess silk with razor blade or scissors, and dope loose edges down.

d. Use thinned clear butyrate dope (50-50) for finishing. This will penetrate the silk and bond it to the balsa. Apply 4 coats, letting each dry about two hours. Now apply as many coats full strength dope as necessary to thoroughly fill the pores of the silk. Avoid tail heaviness. Silk may be sanded between coats of dope (or sand lightly with the finest grade of sandpaper available (#400 Wet or dry or finer).

4. Colored dope (butyrate) trim may now be applied. Mask off areas to be colored and apply thin coats until desired color is obtained.

5. Dope areas around the tank and engine with several extra coats of colored dope to prevent fuel and oil penetration of the wood framework.