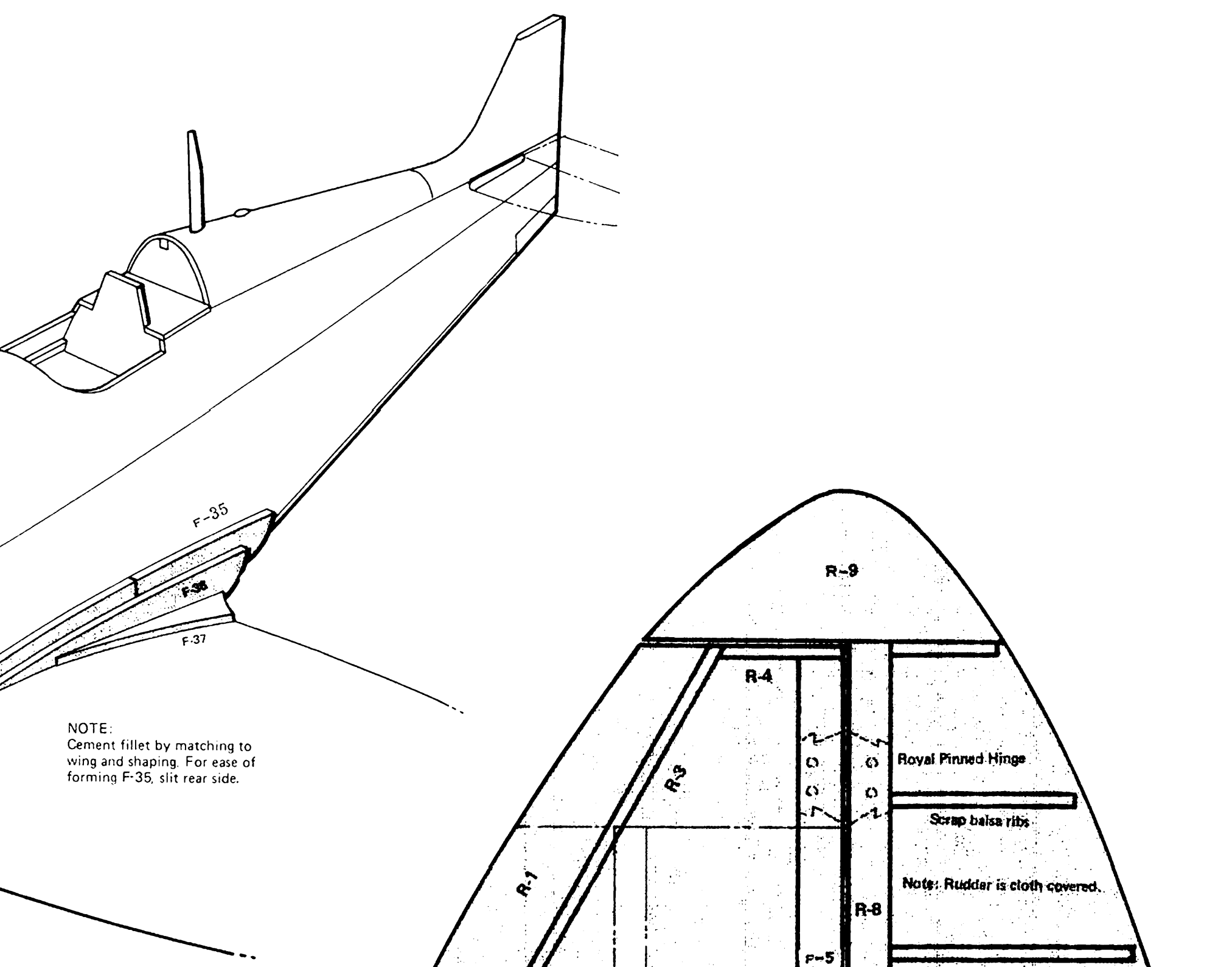
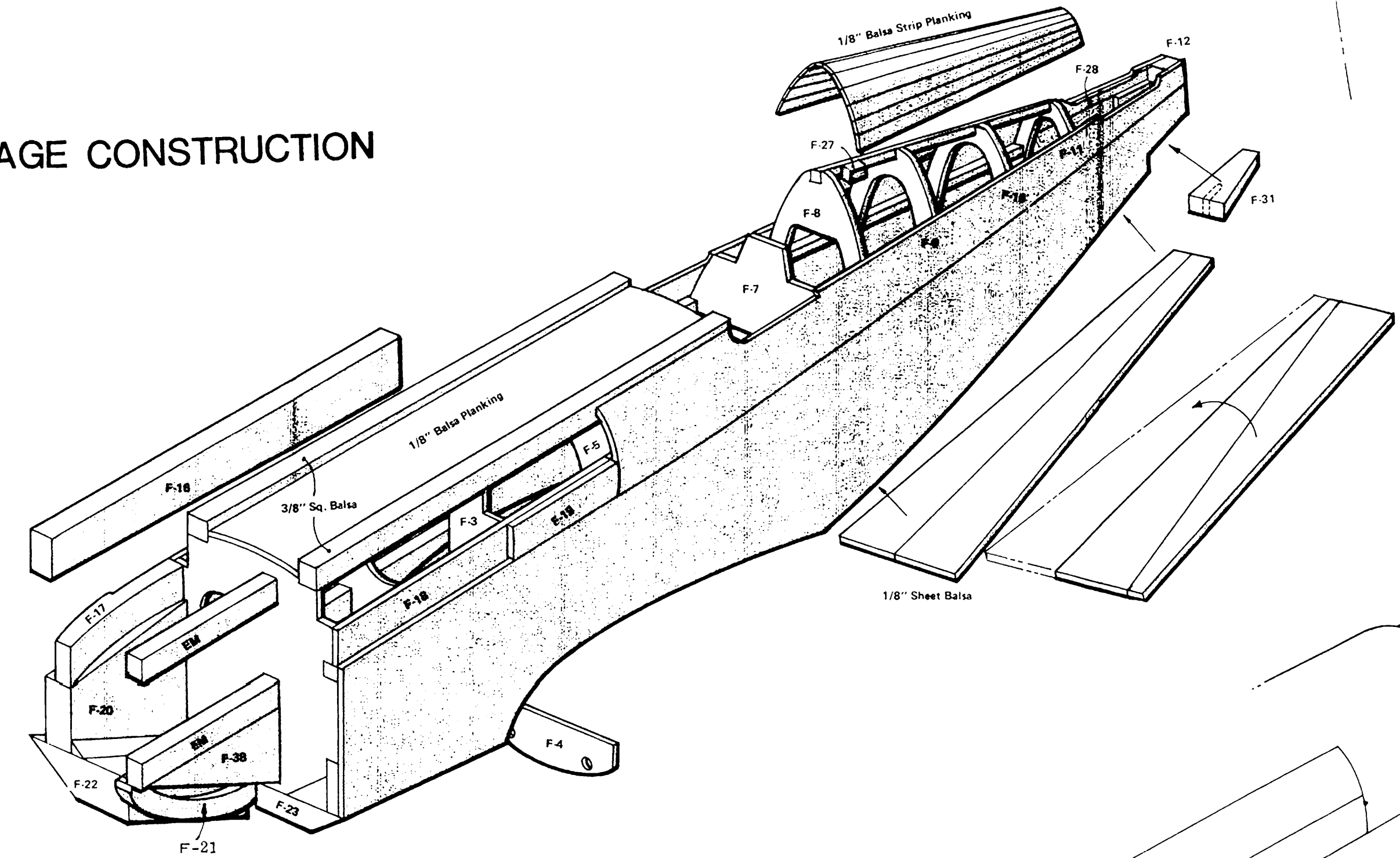
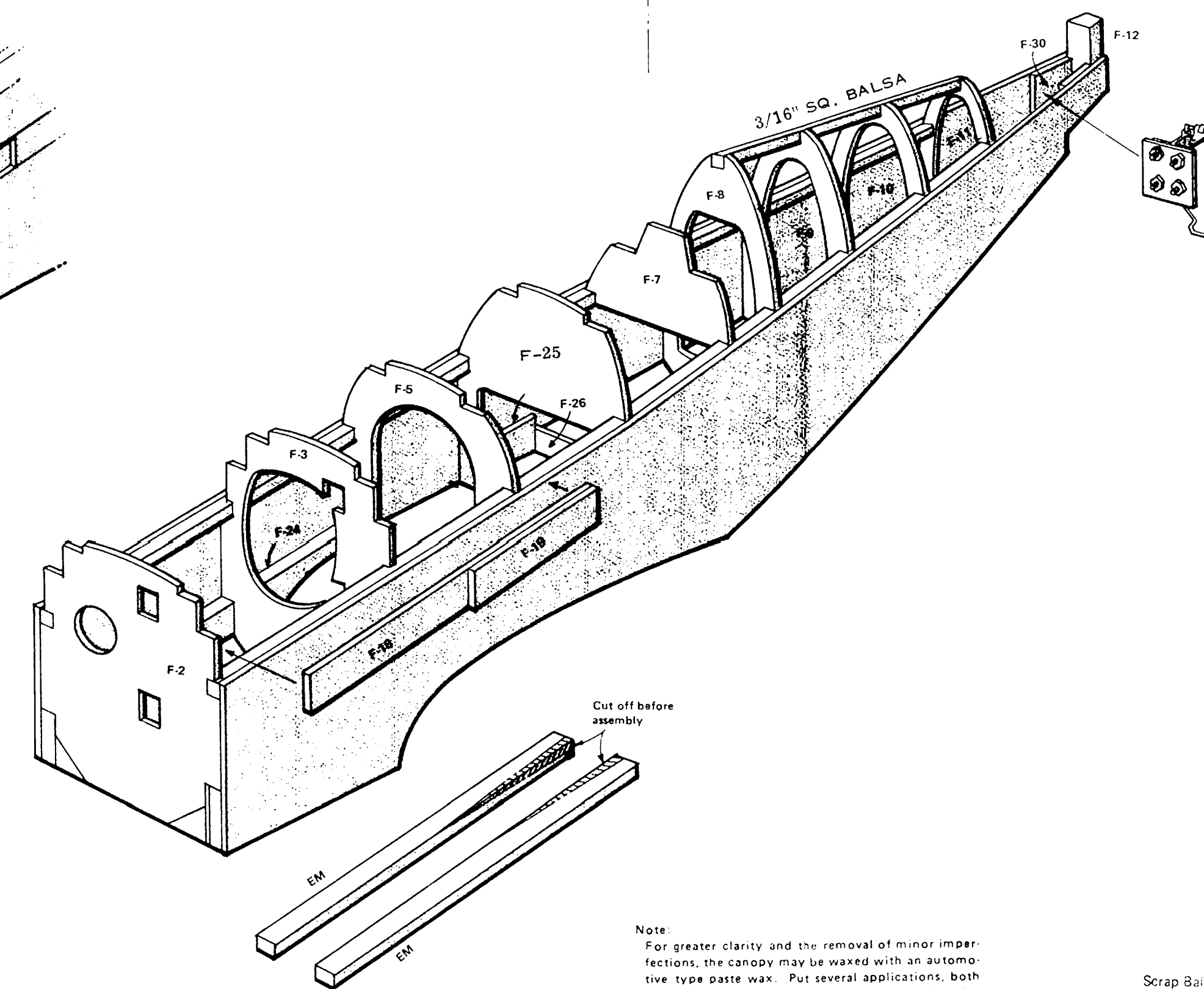
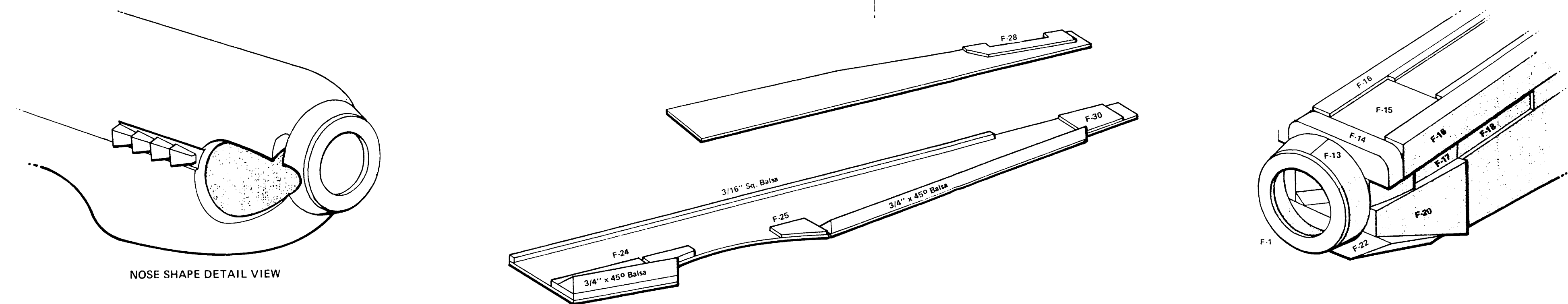


FUSELAGE CONSTRUCTION

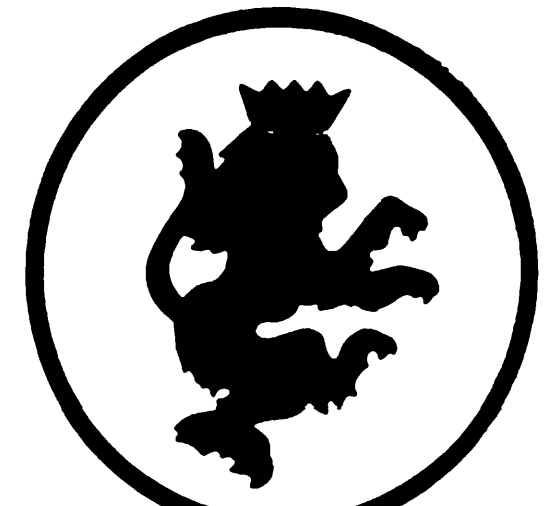
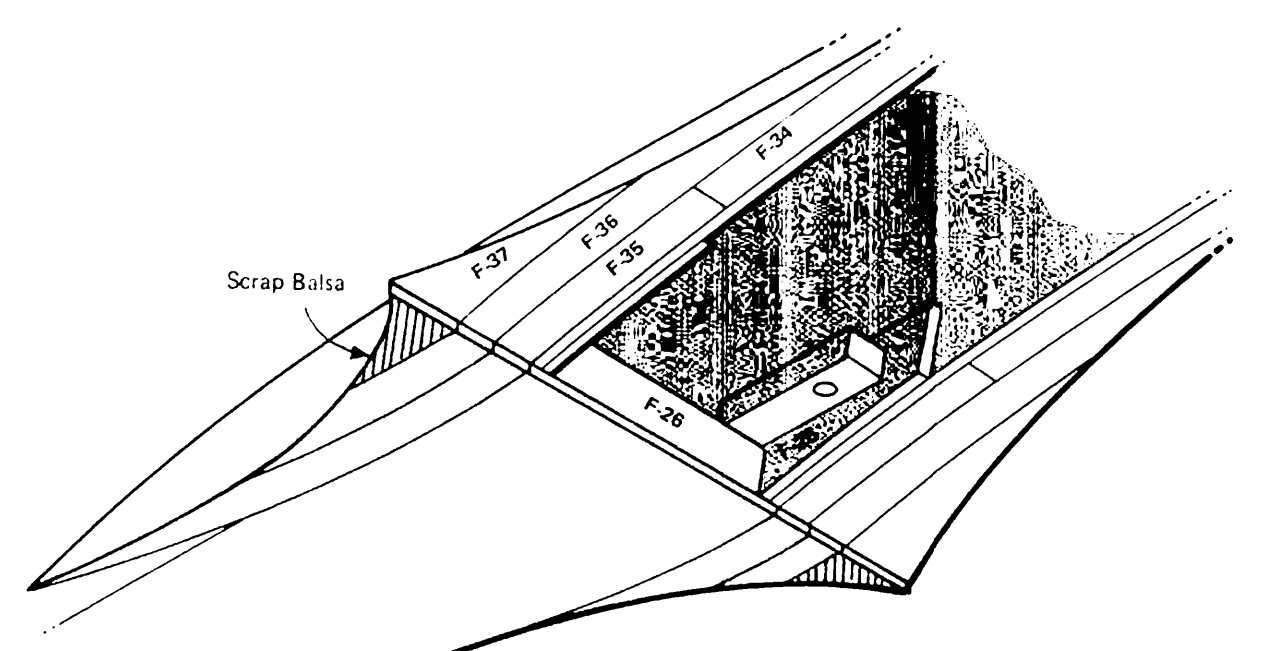
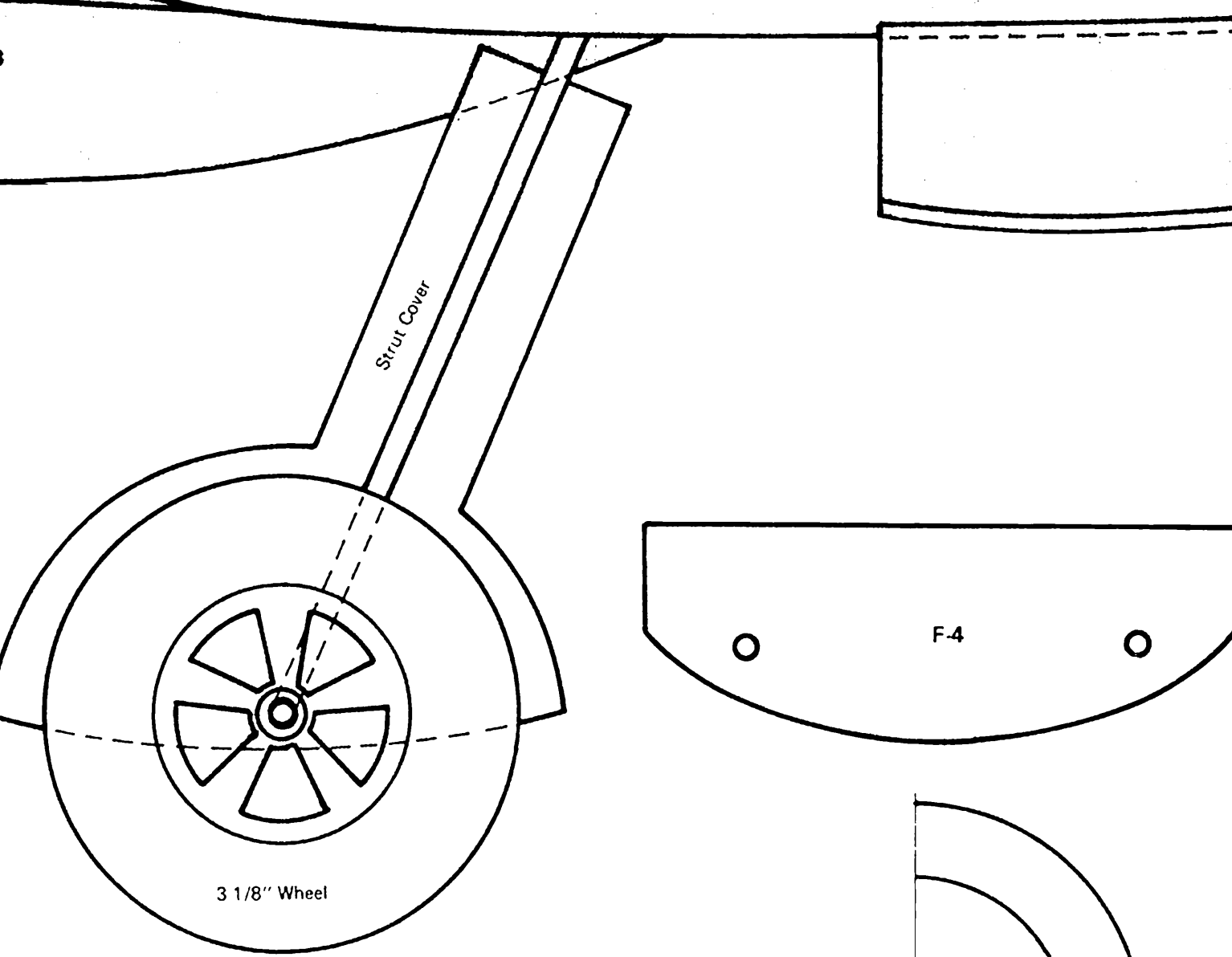
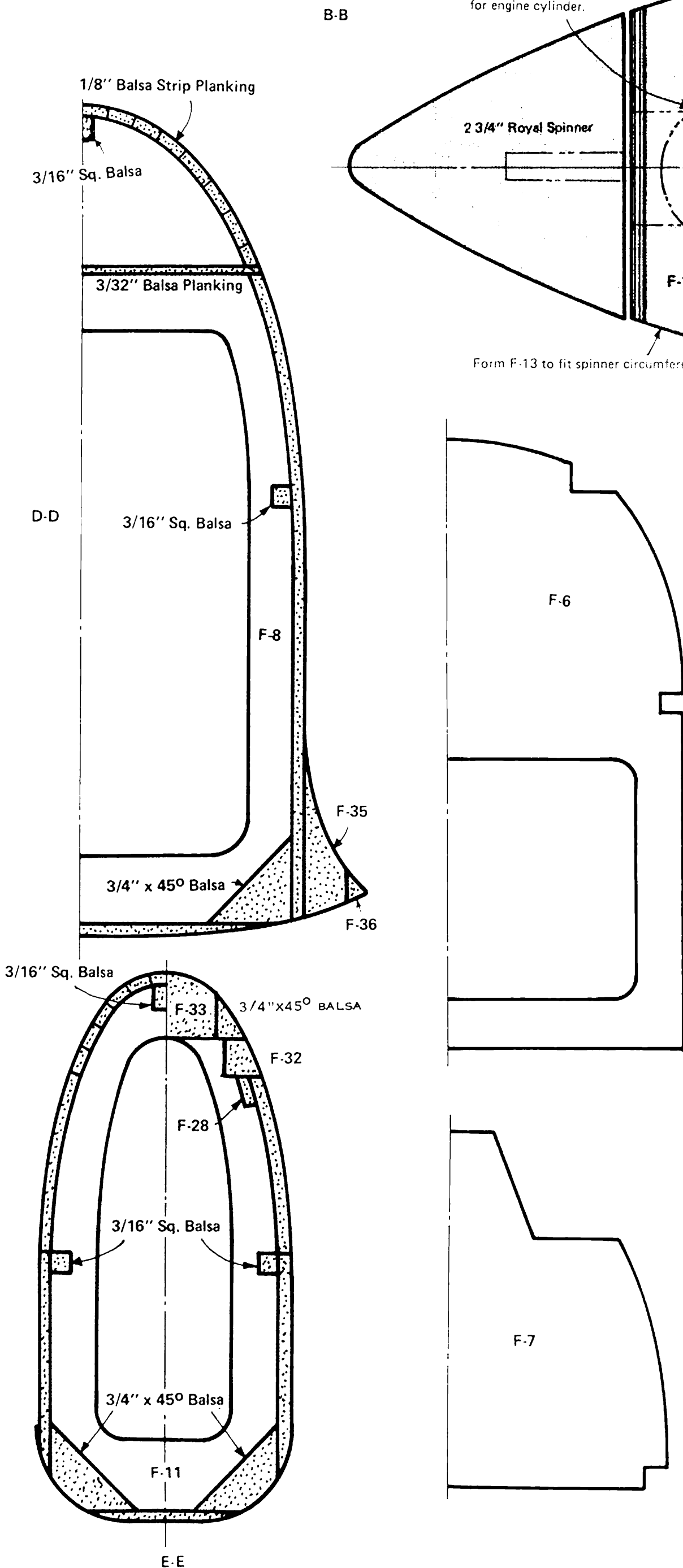
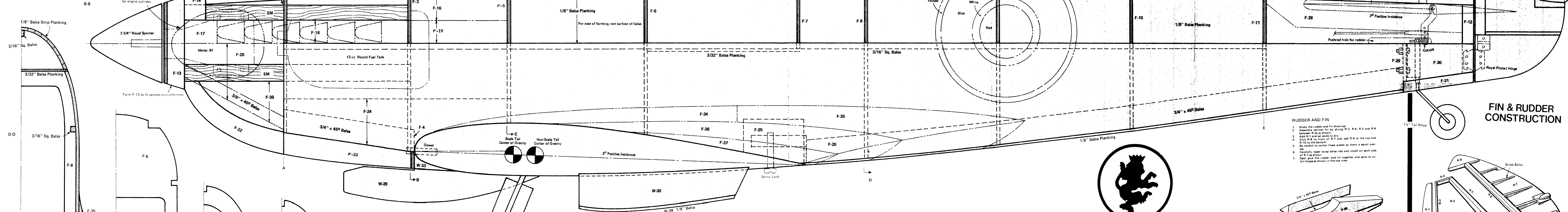
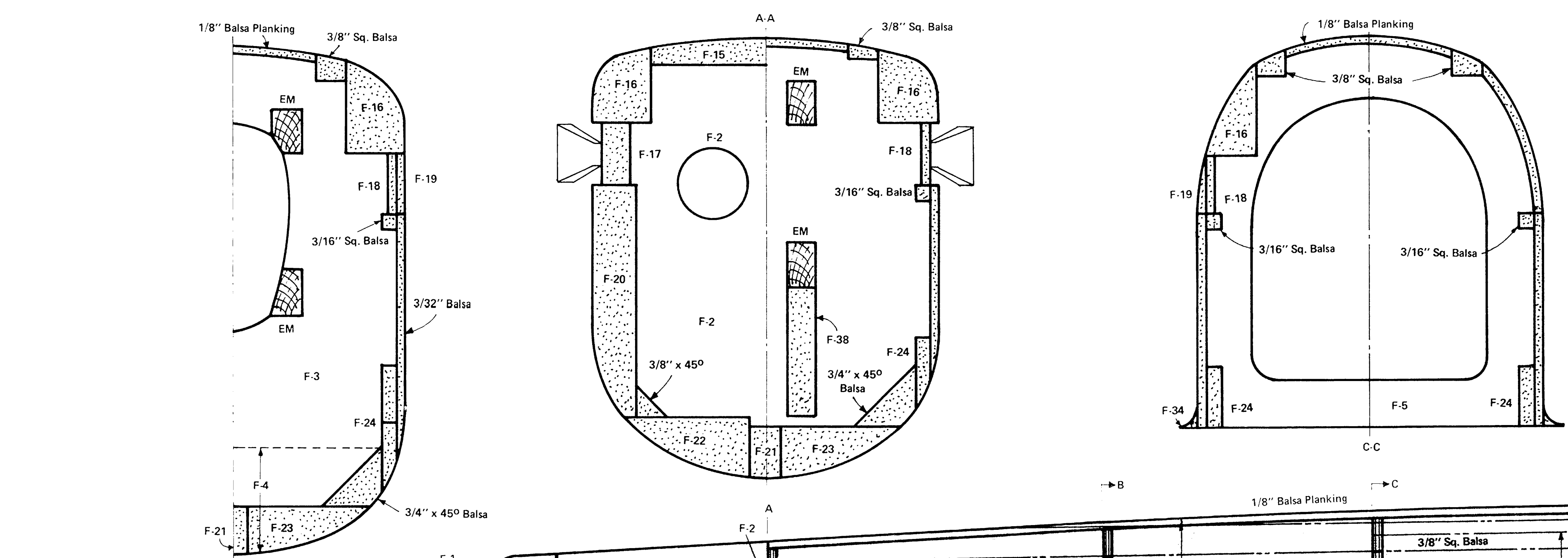


Note:
For greater clarity and the removal of minor imperfections, the canopy area is masked with an adhesive over-type paint pen. Put several applications, both inside and out, allowing 24 hours drying time between applications. Be sure to clean any residue with an eraser or sandpaper that is to be done to the fuselage.

NOTE:
To add the flexibility of this aircraft, the basic airfoil of the wing and stabilizer may vary from true scale.

NOTE:
Cement filled by matching to wing and shaping. For ease of forming F-35, slit near side.

Note: Rudder is cloth covered.

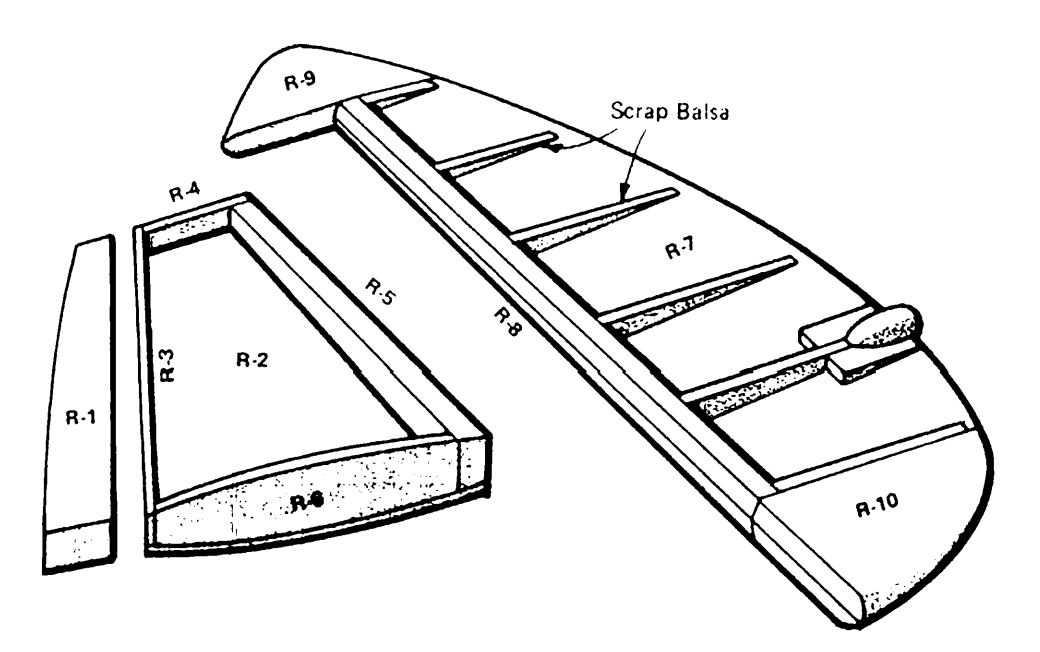


ROYAL PRODUCTS CORP.
SUPERMARINE
SPITFIRE
Mk VIII

Length 52 7/8"
Wing Span 44 1/2"
Wing Area 736 Sq. In.
Weight (loaded) 7.65 Lbs.
Engine 601 cc
Scale Ratio 1" = 1 1/4"

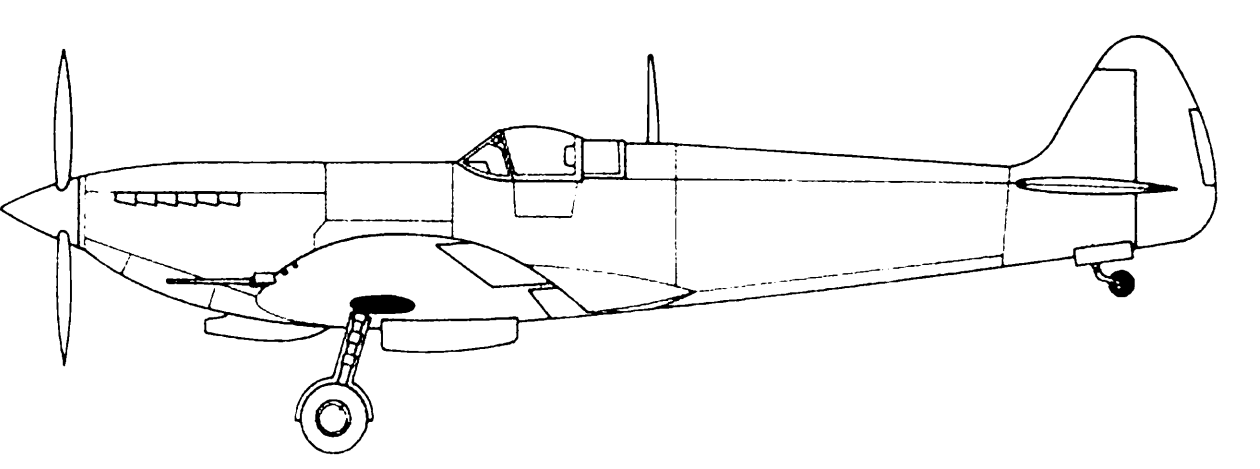
- RUDDER AND FIN
1. Study the rudder and fin drawings.
 2. Assemble the rudder and fin.
 3. Add F-32 and F-33 and let dry.
 4. Glue F-34 to the bottom of F-32 and add F-35 to the top and let dry.
 5. Glue F-36 to the bottom of F-32 and add F-37 to the top and let dry.
 6. Carefully tape across below the rudder and install on each side of the fuselage.
 7. Split down the rudder and fin together and sand to airfoil shape as shown in the top view.

FIN & RUDDER CONSTRUCTION



NOTE TO THE "SCRATCH BUILDER"
Modeler, correct, correct, color and scale information, upon aluminum parts, where applicable, are available.

NOTE TO THE MODELER:
All spacers and ribs are shown actual size to make "scratch" building easy, accompanied from those plans, and to facilitate any repairs that may be necessary.



SPECIFICATIONS
(Real Plane)

| | |
|-----------------|---------------|
| Wing Span | 26' 10" |
| Length | 31' 3" |
| Height | 12' 7" |
| Wing Area | 248.5 Sq. Ft. |
| Weight (loaded) | 7,157 Lbs. |
| Engine | 600 H.P. |
| Maximum Speed | 408 M.P.H. |

1. You must decide whether you want flags and restricts like landing gear before you start the wing. If you do, do it before you start the wing. If you don't, you won't know how you want them.
2. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
3. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
4. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
5. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
6. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
7. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
8. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
9. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.
10. Cover the wing with a piece of paper or a piece of paper and a piece of paper. The wing is a simple, flat, rectangular shape. It is 20 in. W1. The way you want to fold it over each other and show and show the wing.

- [illegible]

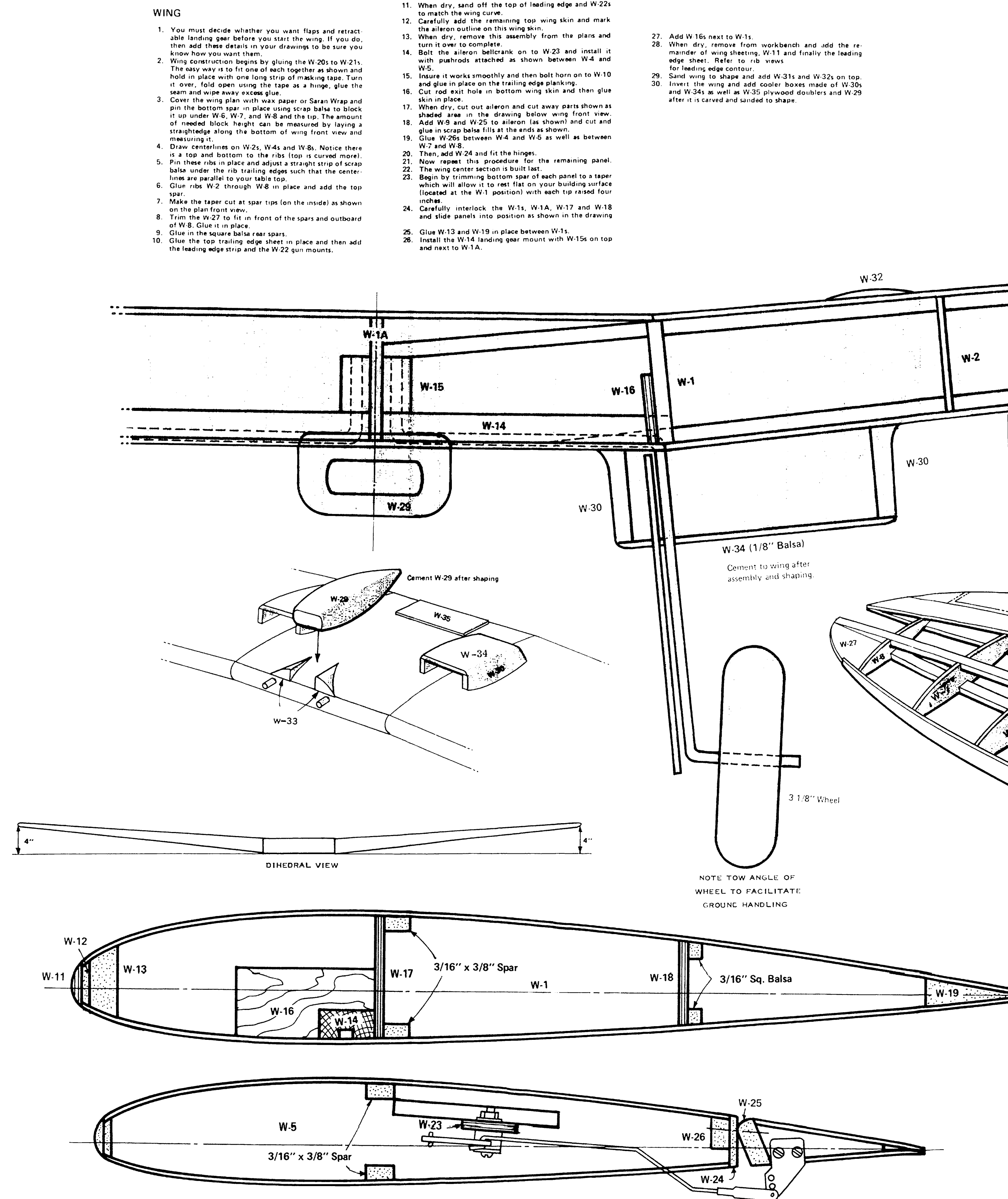


Diagram illustrating the wing construction components:

- Plywood Brace A A**: A trapezoidal brace structure.
- Plywood Brace B B**: A trapezoidal brace structure with a central notch.
- Plywood Brace A**: A rectangular brace structure.
- Strip Balsa or Dowel**: A vertical component shown separately on the left.

W-11
TOP VIEW
Leading Edge

W-12 W-13

Plywood Brace A

Rosal Retracts

Plywood Brace B

Landing Gear Mount 1

Strut Cover

Landing Gear Mount 2

Balsa Spar

W-17

NOTE:
Plywood braces and hardware
calls not included

W-14

W-1

W-2

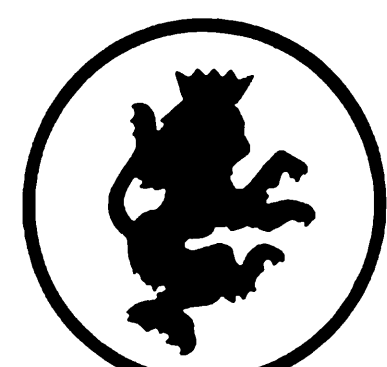
W-3

Cut away for wheel clevis

Lower Spar Replacement (Continues to W-4)

- ### RETRACT INSTALLATION
1. Cut plywood braced A and B as shown.
 2. Make pulley guiding gear requires 1/32" to 1/16" opening, being sure to cut correct angles.
 3. Glue plywood braced A and B to 2x10's 1/8" to 2x10's 2" shown, cutting away 1/4" into hole under pulley.
 4. Install braced A and B, and pulley mounting 1/8" to 1/16" as shown.
 5. Lower main pulley must be removed from WC to 2x10's allow wheel clearance. Add replacement upper frame 10' to 12' as shown.
 6. Install lower pulley mechanism as shown and make sure all cleavages are correct for retract operation.
 7. Once mechanism is operating properly, shift lower using cut out for steel cover and wheel clearance.
 8. Attach retract cover to steel frame below sheeting.
- Note:** Handrope parts W-14, W-15 and W-16 are not to be installed when retract installation is in place.

Note: To enhance flight characteristics of this model, scale air foils on wing, stabilizer and fin (as well as dihedral) may be altered from actual scale.

[illegible]

ROYAL
PRODUCTS CORP.

SUPERMARINE
SPITFIRE
Mk VIII

