

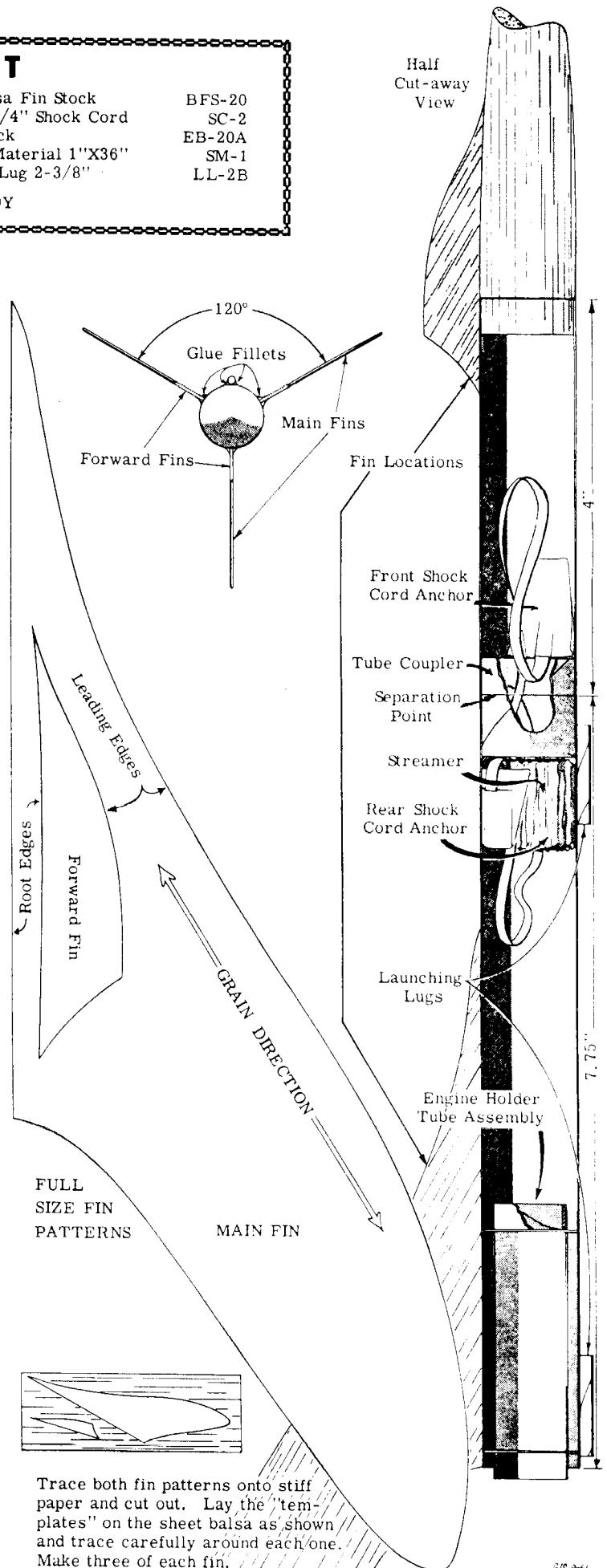
PARTS LIST

1	7.75" After-Body Tube	BT-50H	3	Sheets Balsa Fin Stock	BFS-20
1	4" Forward-Body Tube	BT-50S	1	Length of 1/4" Shock Cord	SC-2
1	2.75" Engine Holder Tube	BT-20J	1	Engine Block	EB-20A
1	Set Ring Adapters	RA-2050	1	Streamer Material 1"X36"	SM-1
1	Tube Coupler	JC-50C	1	Launching Lug 2-3/8"	LL-2B
1 Nose Cone			BNC-50Y		

PREDICTA-I

ASSEMBLY

1. Install the engine block flush with one end of the BT-20J. Glue one RA-2050 ring 1/4" in from each end of the engine tube. When positioned, apply a glue fillet to both sides of each ring and stand the assembly aside to dry.
2. Swab glue on the inside of the rear body tube at the depth shown. Push the engine tube (engine block end first) into place in one smooth easy motion, stopping with only 1/8" of the engine tube showing at the end of the body tube. Fill the space between the engine and body tube with a fillet of white glue. Eliminate all air bubbles, and stand the assembly to one side to dry.
3. Glue the tube coupler 3/8" into one end of the 4" piece of BT-50, leaving 5/8" of the coupler showing. Make sure the coupler is properly aligned by temporarily slipping the after body tube into place and rolling the whole thing on a flat surface. Carefully remove the afterbody-tube and stand the forward tube-coupler assembly out of the way to dry.
4. Trace the fin patterns onto stiff paper and carefully cut them out. Place these "templates" on the sheet balsa fin stock as shown and trace around them with a ball point pen. Make 3 fins of each size and sand as directed.
5. Apply glue around the inside edge of the forward body tube on the end opposite the coupler. Slide the nose cone into place and allow the glue to set. Apply a fill coat of glue around the joint and let this dry.
6. Cut, fold and attach a shock cord anchor (see Arrow-C instructions) to each end of the shock cord. Glue one anchor 3/4" into the front end of the after-body tube as shown, and glue the other anchor just flush with the inside end of the coupler in the forward tube. After the glue has set, coil the shock cord and stuff it into one tube, then fit the two tubes together. Cut 2 1" lengths of launching lug, and glue them in the positions shown.
7. Mark the body tube for 3 fins, and, using a drawer or door sill as a straightedge, draw the fin guide lines parallel to the model's centerline. Apply a line of glue on the root edge of a fin and place it on its guide line on the body tube. Hold the fin in place until the glue sets. Apply all remaining fins in the same way. After the glue has dried, apply a fillet of glue to both sides of the fin-body joint of each fin, smooth out with a finger, and support the model horizontally until all the fillets are dry.
8. Cut two 36" lengths of 1" wide streamer material. Find the centers of these strips and attach them to the shock cord at half its length (cord at rest between the two sections of body tube). An easy way to secure the streamers is to tie one loop of a "granny" knot in the shock cord, center the streamers in this loop and pull the loop tight.
9. The original model was finished with four coats of sanding sealer (well sanded between coats) on all balsa surfaces, giving special attention to concealing the joint between the nose cone and forward body tube. Two coats of gloss white followed, then a coat of metallic gold base-color. The bird was thoroughly dry before masking for the final color application. The final color, four even coats of transparent blue, was applied--dried and unmasked after which the entire bird was covered evenly with a coat of crystal clear spray.



Trace both fin patterns onto stiff paper and cut out. Lay the "templates" on the sheet balsa as shown and trace carefully around each one. Make three of each fin.