

COUNTDOWN CHECKLIST

cord neatly into the tube and slide the nose cone easily. Push the rolled streamer down into the streamer compactly enough to enter the body tube where it is attached to the shock cord. Roll the body tube on top of the wadding. Pack the shock top. Fold the streamer in half lengthwise from fiameproof wadding into the body tube from the into place. 13 Loosely pack three or four squares of

instructions which came with the engines. Select an engine. Form an igniter and insert it into the engine nozzle as directed in the

engine into the rocket so the rear of the engine obtain proper streamer deployment. Insert the in the rocket tube. This fit must be tight to enough masking tape so that it makes a tight fit projects 1/4" from the rear of the body tube. 2 Wrap the rear of the engine with

of the launch control officer. spring.) Carry the key or interlock on the person switch is used, install the protector around the the launch control panel. (If a simple spring Remove the safety interlock key from

Check to be sure the panel is disarmed. Clean the micro-clips and attach them to the igniter. Place the rocket on the launcher.

recovery crew and trackers. Clear the launch area, alert the

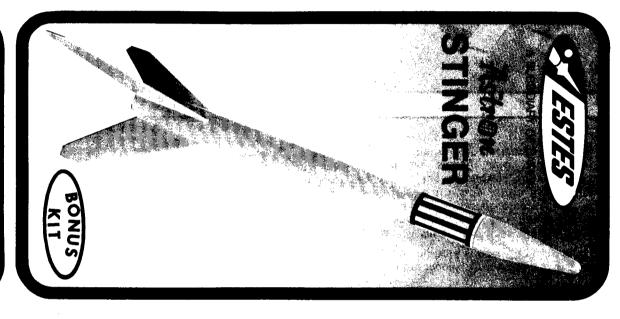
Check for low flying aircraft and

unauthorized persons in recovery area. Arm the launch panel.

T minus 5 - 4 - 3 - 2 - 1 - LAUNCH!

GENERAL INFORMATION

diameter guide rod at least 36" long. clear days. Launch your model using a standard electrical launching system with a high altitude performance, fly the Stinger on calm, the chance of losing the model. Because of its formance. For best results we recommend making your first flights with 1/2A engines to minimize Your Astron Stinger is designed for high per-

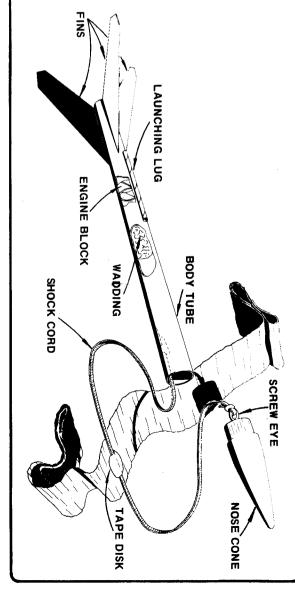


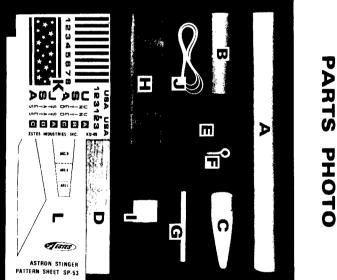


STREAMER RECOVERY



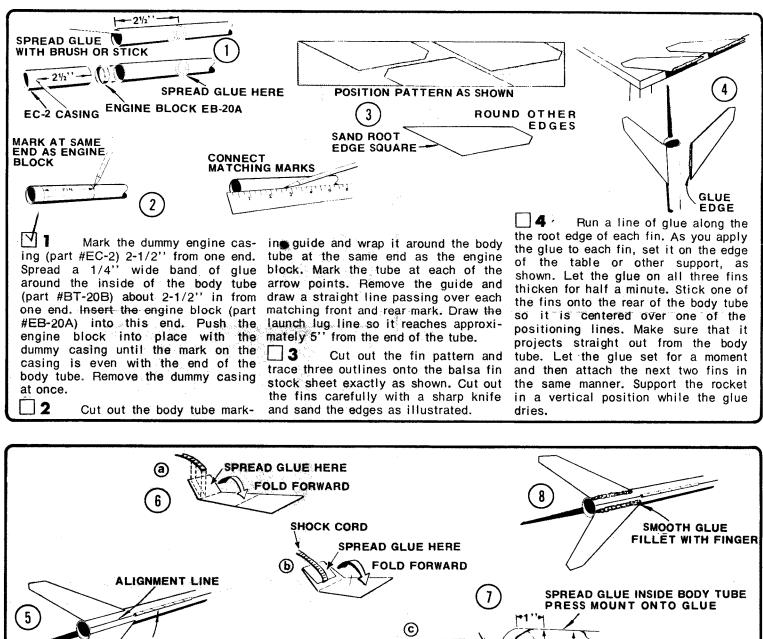
NSTRUCTIONS ASSEMBLY

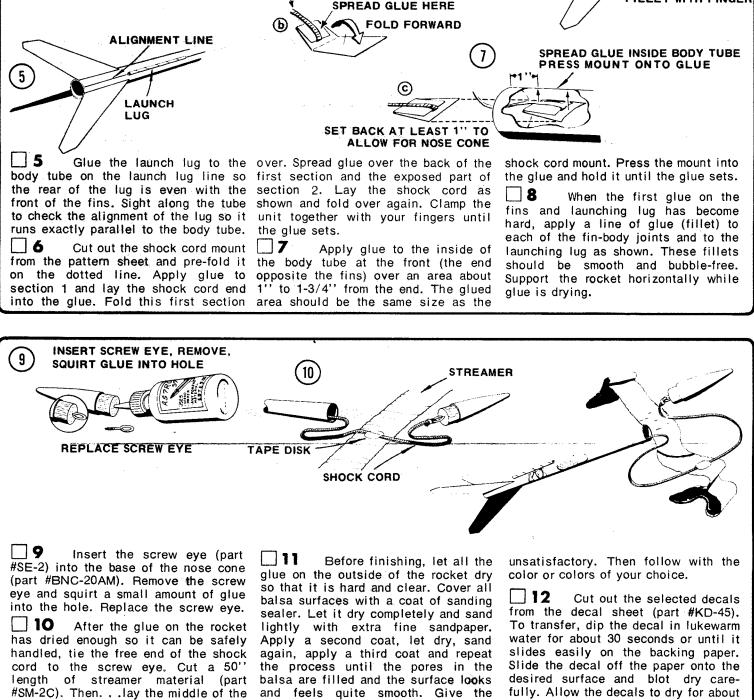




assemble your rocket. Check off each step as the entire instructions before beginning to Check to be sure your kit is complete. Then read you complete it.

ASTRON STINGER PATTERN SHEET SP.53								J					
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In addition to the parts scissors, white glue, (or single edge razor and paint or dope.	Pattern Sheet	Decal Sheet	Shock Cord	Tape Disc	Streamer	Launch Lug	Screw Eye	Engine Block	Balsa Fin Stock	Nose Cone	Engine Case	Body Tube	
In addition to the parts above, you will need scissors, white glue, a sharp model knife (or single edge razor blade), masking tape and paint or dope.	SP-53	KD-45	SC-1	TD-1A	SM-2C	LL-2B	SE-2	EB-20A	ck BFS-20D	BNC-20AM	EC-2	BT-20B	





rocket a clean base coat of gloss

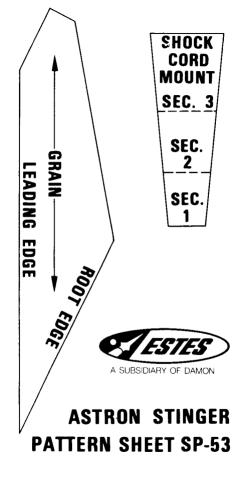
white paint or dope. When dry, sand lightly. Repeat if the finish appears

24 hours.

shock cord across the middle of the

streamer and secure it with the tape

disc (part #TD-1).







ESTES INDUSTRIES, INC. KD-45



STINGER

SPECIFICA TIONS length 12,5 in. Sody Dis. 9,736 in. Weight 0,75 or.

ENGINES 144-2, AS-4, AI 84-4, 88-4, CE

THE SAME RECOVER