

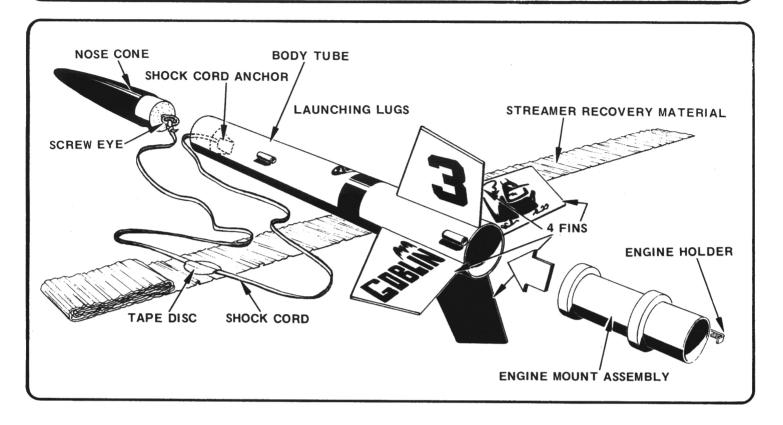


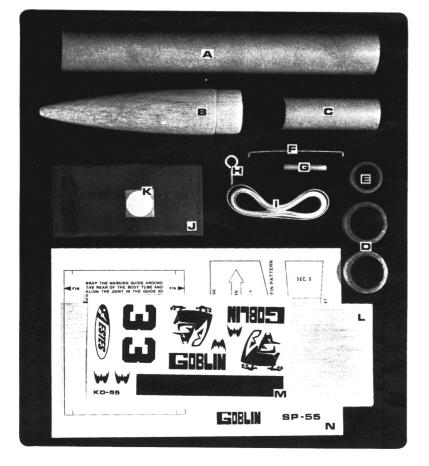


ASSEMBLY INSTRUCTIONS

K-55

Designed by the Estes R and D staff



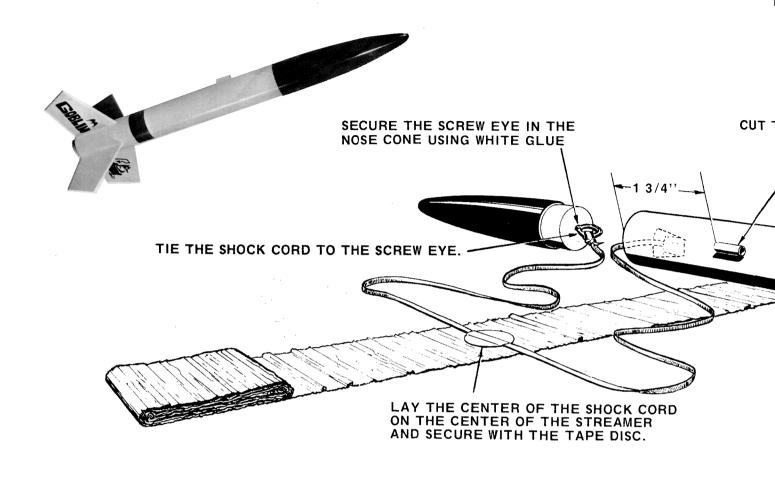


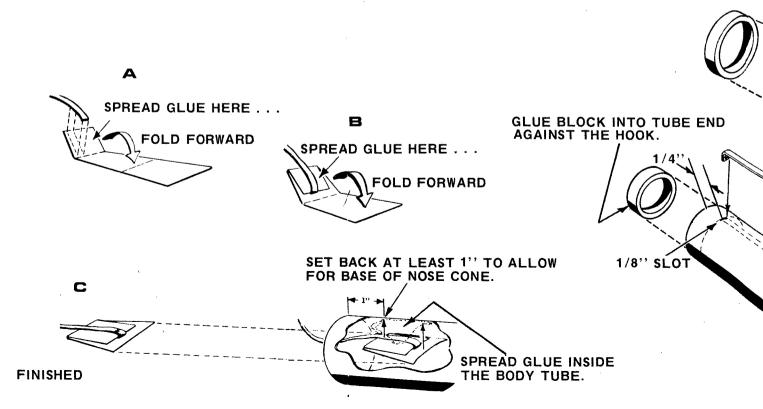
Check to be sure your kit is complete. Read all of the instruction steps, then begin assembly of your rocket. Check off each step as you complete it.

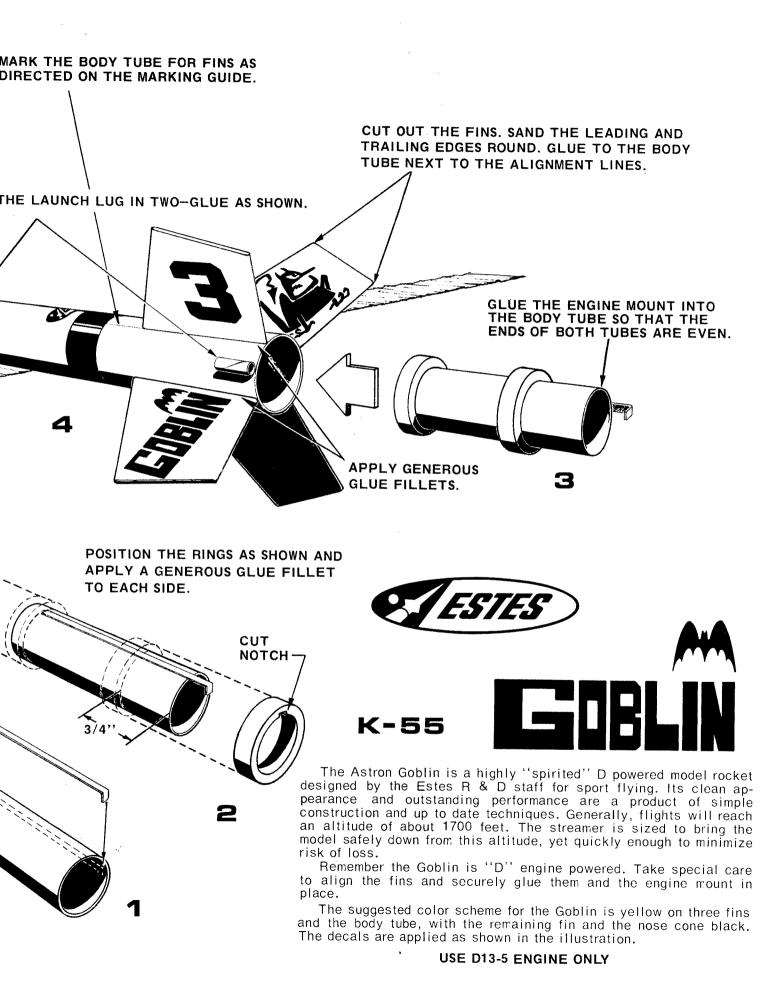
PARTS LIST

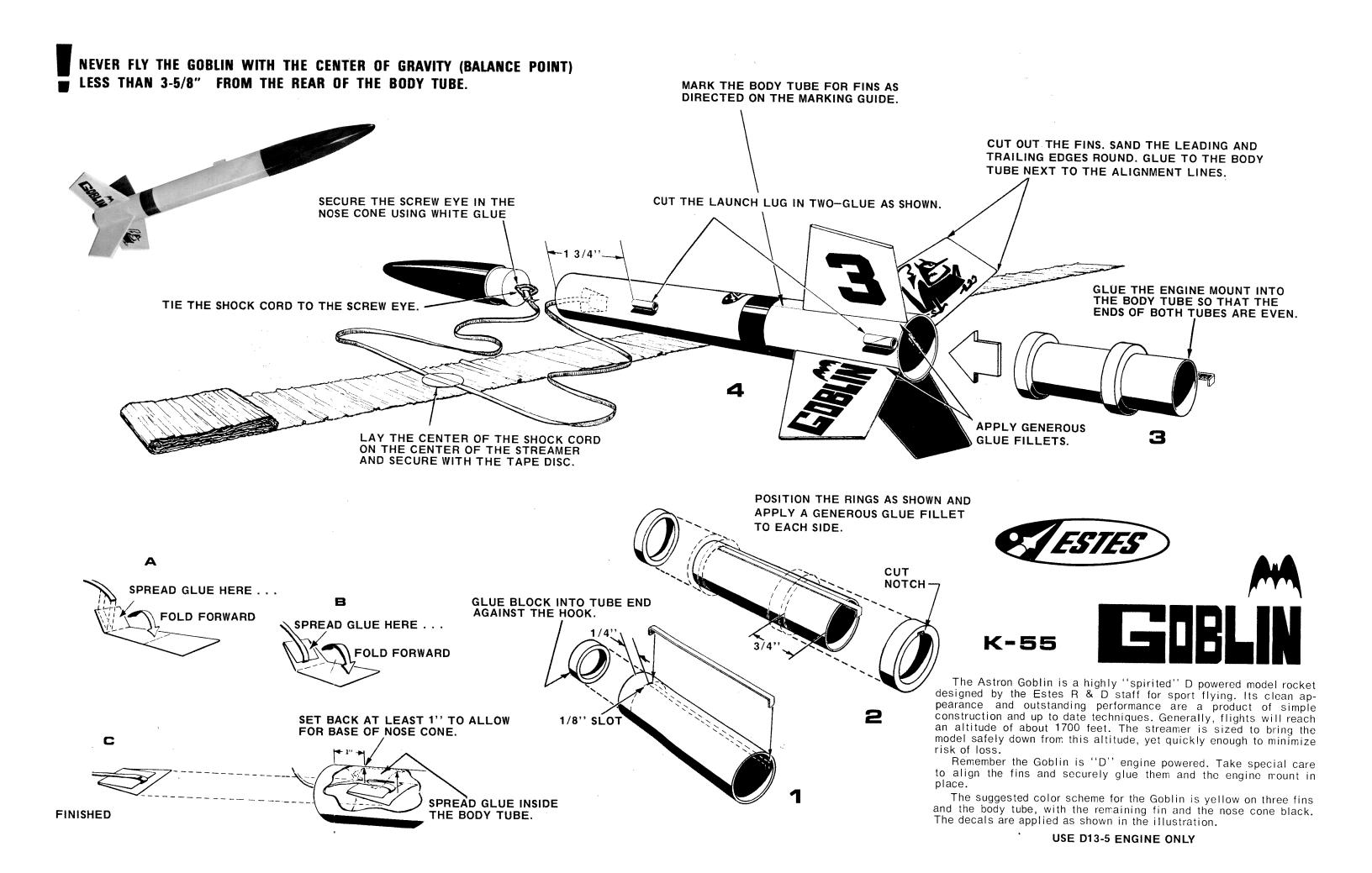
Α	1	Body Tube	BT-55IJ
В	1	Nose Cone	BNC-55AO
С	1	Engine Holder Tube	BT-50J
D	2	Centering Rings	AR-5055
Е	1	Engine Block	AR-2050
F	1	Engine Holder	EH-2
G	1	Launch Lug	LL-2A
н	1	Screw Eye	SE-1
-	1	Shock Cord	SC-3
J	1	Streamer	SM-2C
K	1	Tape Disc	TD-1A
L	1	Balsa Fin Stock	BFS-40
M	1	Decal Sheet	KD-55
N	1	Pattern Sheet	SP-55

In addition to the parts above, you will need white glue, a sharp pencil, a ruler, medium and fine sandpaper, balsa filler and paint or butyrate dope. NEVER FLY THE GOBLIN WITH THE CENTER OF GRAVITY (BALANCE POINT) LESS THAN 3-5/8" FROM THE REAR OF THE BODY TUBE.



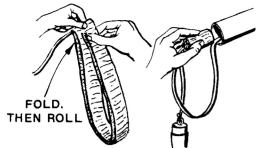






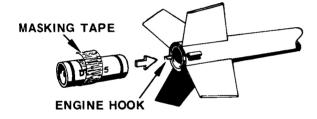
COUNTDOWN CHECKLIST

13 Pack 6 or 7 squares of flameproof wadding into the body tube from the top. Fold the streamer in half lengthwise from where it is attached to the shock cord. Roll the streamer



compactly enough to enter the body tube easily. Push the rolled streamer down into the body tube on top of the wadding. Pack the shock cord neatly into the tube and slide the nose cone into place.

12 Install an electrical igniter in the engine as directed in the instructions which came with the engine.



Insert the engine into the engine holder tube until it is locked in place by the engine hook.

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

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

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

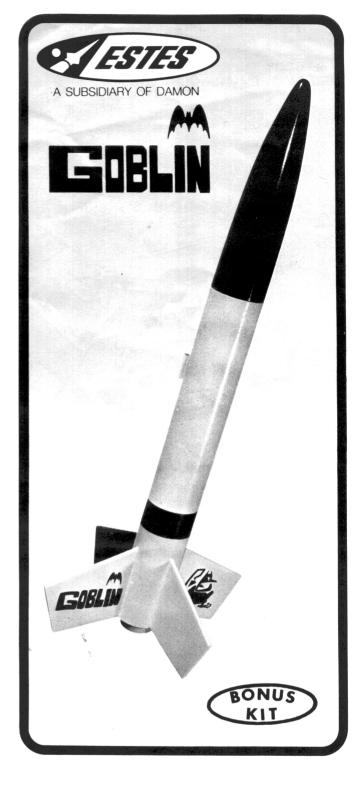
Check for low flying aircraft and unauthorized persons in the recovery area.

6 Arm the launch panel.

☐ 5 4 3 2 1 LAUNCH.

GENERAL INFORMATION

Your Astron Goblin is an extremely high-flying sport model. Because it can reach altitudes of over 1700 feet, launch the Goblin on calm, clear days to avoid losing it. The primary engine to use in this model is the D13-5. With an EM-2050 engine mount adapter the Goblin can also be flown with C6-5, B6-4, and A8-3 engines.



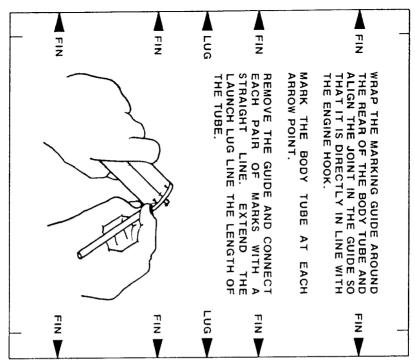
GOBLIN

KIT NO. K-55

SPECIFICATIONS

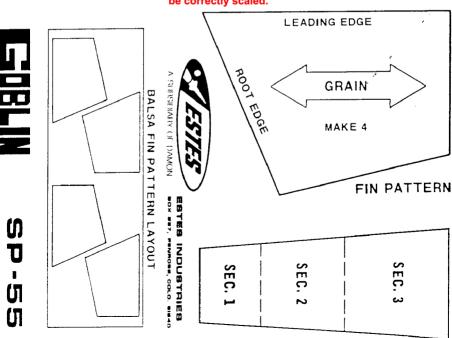
RECOMMENDED ENGINES

Length: 14.35 in. Body Dia. 1.325 in. Weight: 12.0 oz. D13-5 (or C6-5, B6-4 and A8-3 with adapter EM-2050)



FIN MARKING GUIDE

This wrap fits around a BT-55 body tube. Since BT-55 is 1.325 diameter we can calculate the scale of this scan by multiplying by Pi. 1.325 * 3.1416 = 4.16262 (4.2") So when printed, this wrap should be 4.2" from edge to edge and the fin pattern will be correctly scaled.



SHOCK CORD MOUNT



33



PN37054 KD-55



