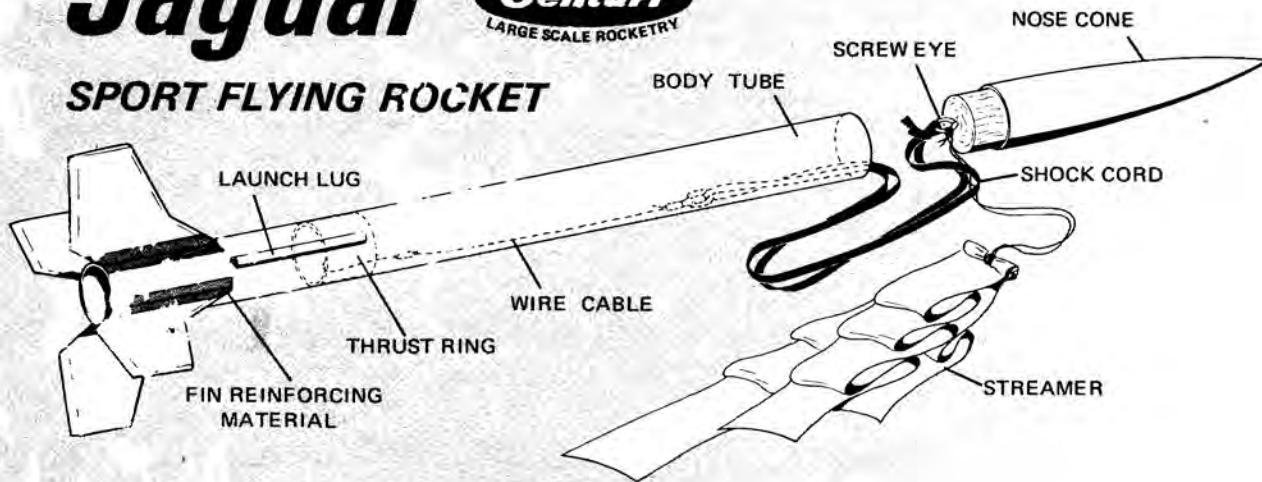


Jaguar

Centuri
LARGE SCALE ROCKETRY

SPORT FLYING ROCKET



TOOLS. In addition to the parts supplied, you will need the following materials to assemble and finish this kit. **DO NOT** use model airplane glue for building flying model rockets.

INTRODUCTION

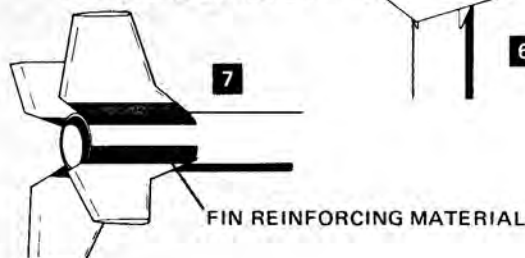
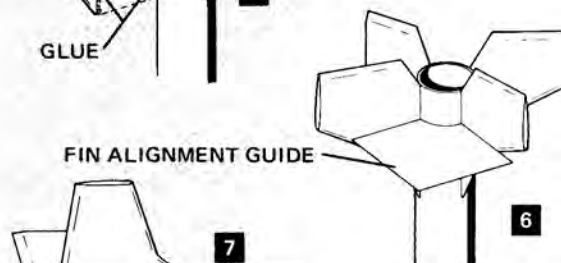
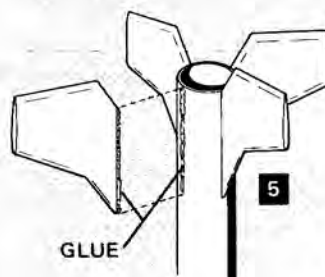
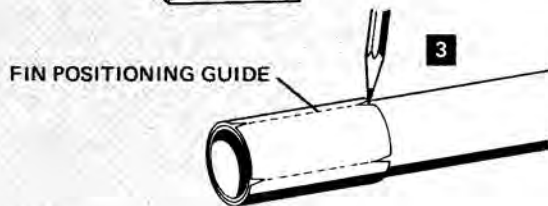
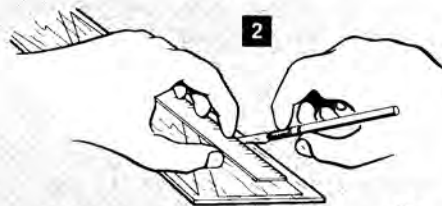
When properly assembled, the JAGUAR will soar straight as an arrow to its maximum altitude (apogee), eject a streamer, and return safely to be flown again. By slipping an adapter tube in ahead of the engine, the JAGUAR can be converted for use with Enerjet E engines.

ENGINE MOUNT

- 1 To assure accurate positioning, the JAGUAR's thrust ring has been installed for you at the factory. At the same time, one end of the shock cord was anchored to the forward engine mount by means of a short wire cable.

FIN ASSEMBLY

- 2 Carefully cut out the fins with a modeling or X-Acto knife. Use a metal ruler for a cutting guide. Square up the fin edges by running fins over a piece of sandpaper. Sand the sides of the fins lightly and round the leading edges and trailing edges.
- 3 Cut out the enclosed fin positioning guide, wrap around the body tube base, and mark the fin locations with pen or pencil.
- 4 Apply a thin film of white glue to the root edges of the fins and allow to dry completely.
- 5 Apply a second, heavier coat to the root cord surface of each fin and press into place over the location marks.
- 6 Stand tube on top end and allow to dry. With the fin alignment guide, check the angle between fins before glue has completely set.
- 7 Allow the initial gluing to dry completely. Cut out and glue reinforcing material over fin-body joints as shown.



SHOCK CORD & STREAMER ASSEMBLY

8 At the opposite end of the shock cord, there is fastened a metal screw eye. Thread the screw eye into the nose cone base. Unscrew the eye, squirt glue into the resulting hole, and thread the eye back into place. This gluing will keep the eye from pulling out during recovery.

9 With a short length of tough string or nylon cord, tie the strands of streamer material together and tie into the screw eye at the base of the nose cone.

10 Two launching lugs are supplied with the JAGUAR; one to fit over a 1/8" diameter launching rod, and one to fit over a 3/16" diameter launch rod. Depending on whether your launcher uses a 1/8" or 3/16" diameter launch rod, glue the proper lug to the body tube in the position shown.

FINISHING THE JAGUAR

11 Pack the streamer temporarily in place, push the nose into place, and the JAGUAR is ready for finishing.

12 To obtain maximum altitude flights, and to achieve an attractive finish for display, the nose cone and fins should be sealed first with several coats of Balsa Fillercoat or Sanding Sealer. Sand smooth between applications. The body tube does not require any sealing treatment. Finish the entire model with a lightweight paint such as spray dope or laquerized enamel such as "Krylon". To aid in tracking, use colors such as black, dark red or blue. Fluorescent colors are quite easy to spot and track at high altitudes.

LAUNCHING THE JAGUAR

13 Just prior to launching, roll the streamer material as shown. Insert a piece of flameproof wadding about three times the body diameter into the body tube first. Next, insert the shock cord followed by the rolled up streamer and the nose cone.

14 The JAGUAR can be powered by any of the following MINI-MAX and ENERJET engines as listed in Centuri's catalog:

MM-E15-6 MM-E62-7 ENJT-E24-7

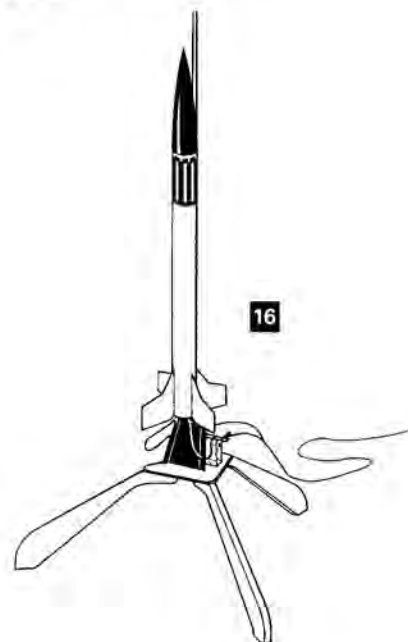
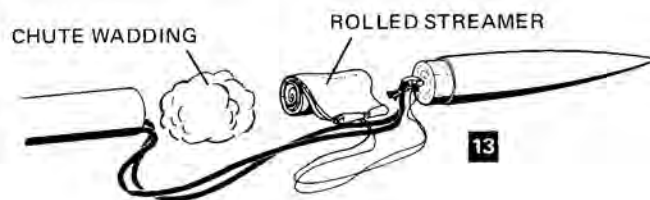
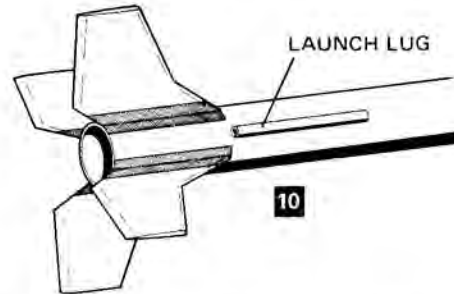
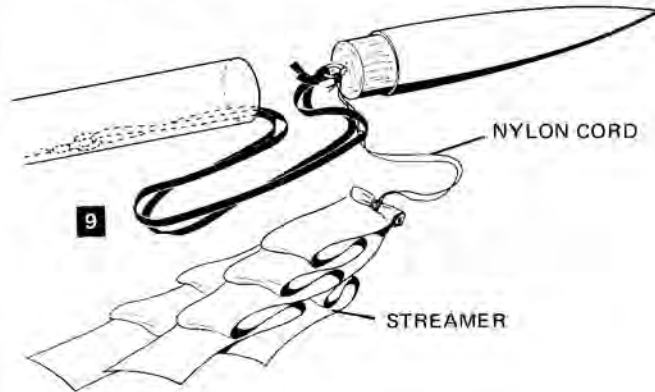
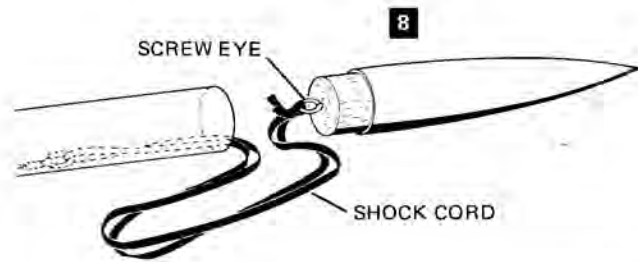
15 Complete mounting and ignition instructions are supplied with all MINI-MAX and ENERJET engines, and should be read carefully before launching the JAGUAR.

16 Launch the JAGUAR from either a 1/8" or 3/16" diameter by at least 36" long steel launch rod which is firmly mounted in a sturdy base block or stand, like those shown in Centuri's catalog.

17 Avoid launching in windy or overcast weather, as recovery under these conditions will be difficult, if not impossible. Always give a short countdown before launching to alert spectators and trackers.

18 The JAGUAR should be launched from the center of an open field measuring at least 600 feet on a side. Do not launch from a backyard or in populated areas. Select a cleared, unobstructed launch site away from dry grass or brush, houses, highways, and trees.

For more information concerning Centuri Model Rocketry Products, see your local hobby dealer. If there is no dealer in your area, you may address inquiries directly to: Centuri Engineering Company, Box 1988, Phoenix, Arizona 85001.



Centuri Engineering Company
PHOENIX, ARIZONA

Cut out balsa parts carefully

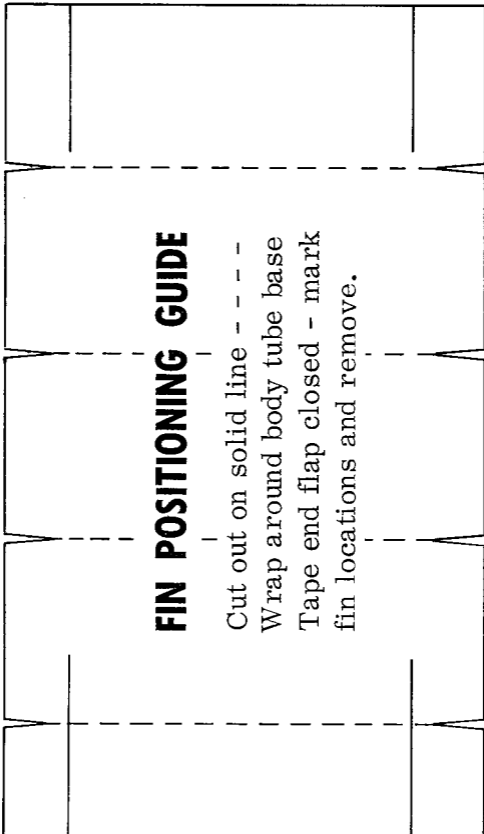
ROOT CHORD
Glue this edge to body tube

ROOT CHORD
Glue this edge to body tube

#KF-4

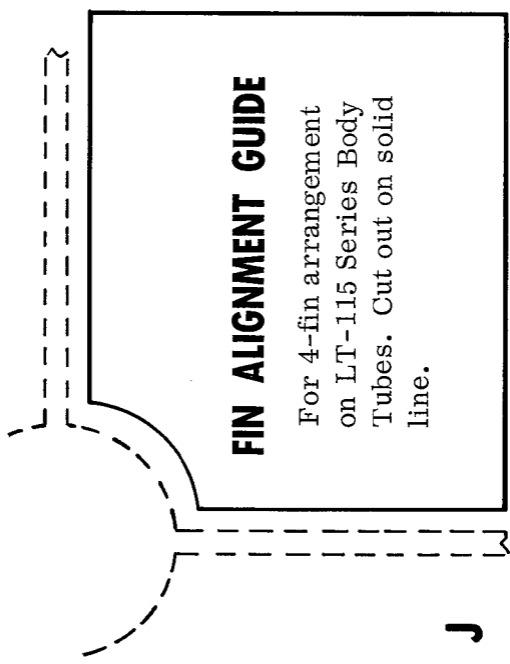
JAGUAR

STABILIZER FINS



FIN POSITIONING GUIDE

Cut out on solid line - - - -
Wrap around body tube base
Tape end flap closed - mark
fin locations and remove.



FIN ALIGNMENT GUIDE

For 4-fin arrangement
on LT-115 Series Body
Tubes. Cut out on solid
line.

J

