8 Stand tube on top end and allow to dry. With the fin alignment guide, check the angle between fins before glue has completely set.

9 Allow the initial gluing to dry completely. Cut out and glue reinforcing material over fin-body joints as shown.

10 Glue the launching lugs to the body tube about 8" apart, in the position shown. Before glue has completely set, insert the enclosed 3/16" dowell through both lugs and align with axis of the body tube.

SHOCK CORD & PARACHUTE ASSEMBLY

11 Thread the screw eye into the capsule 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. Attach the parachute to the screw eye by using the shroud line clip.

FINISHING THE AERO-DART

12 Finish the fins and cone together painting both with balsa fillercoat and allowing to dry. Sand and repeat proceedure until all grainline is filled.

13 Spray paint the rocket carefully from a distance of about 12". Do not try to coat the rocket in a single application. Several light coats will prevent runs and sagging. Black or bright fluorescent colors are easy to spot at high altitudes facilitating tracking and recovery.

LAUNCHING THE AERO-DART

14 The Aero-Dart is capable of carrying a maximum payload weight of 5 ounces. Fragile payloads should be packed in cotton or foam rubber.

15 The payload capsule has been pre-assembled for you. It is advisable, however, to glue the balsa connector to the capsule tube so that the capsule does not open during recovery. Likewise, the nose cone should be made to fit tightly by wrapping a layer or two of cellophane tape around its base until a friction tight fit is obtained.

16 Just prior to launching, fold and pack the parachute as shown here. Wrap the shrouds tightly around the rolled up chute. Insert a piece of flameproof wadding about three times the thickness of the body tube into the body tube first. Next insert the shock cord followed by the rolled up chute.

17 The Aero-Dart can be powered by any of the following rocket engines:

MM–F97-7 ENJT–F52-5 ENJT–F67-9

18 Complete mounting instructions and ignition are supplied with these engines. Read the instructions carefully before operating. The Aero-Dart comes with 3 adapters that slip in the engine tube ahead of the engine. With these the Aero-Dart can be flown with both MINI-MAX and ENERJET E engines and with the ENERJET F engines.

19 Launch the Aero-Dart from a 3/16" diameter x 36" long launching rod mounted firmly in a sturdy base block or stand, such as those shown in Centuri's catalog. Select a clear, unobstructed launch site away from houses, highways, and trees. The Aero-Dart should be launched from the center of an open field measuring at least 800 feet on a side.

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.

