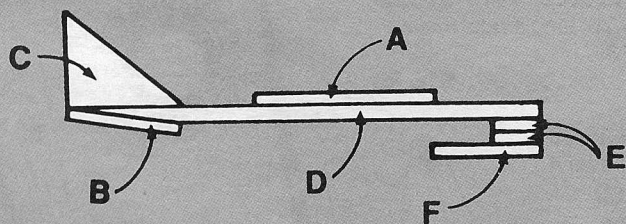
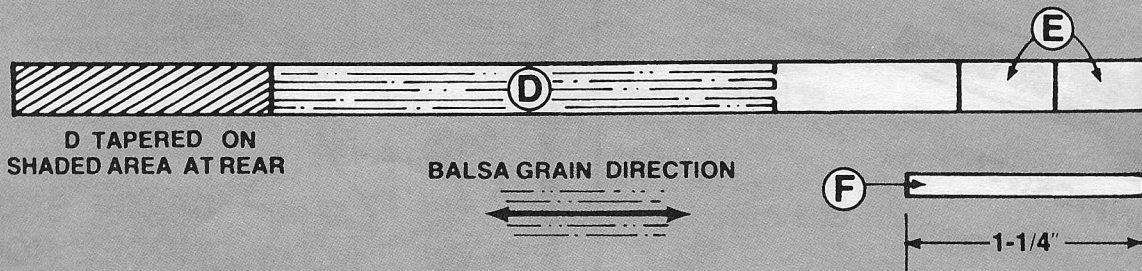
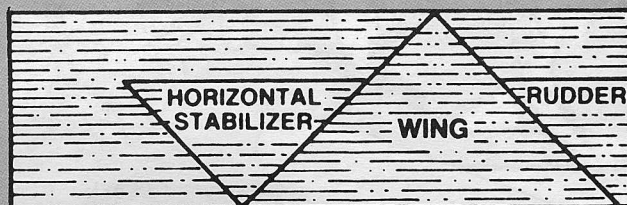
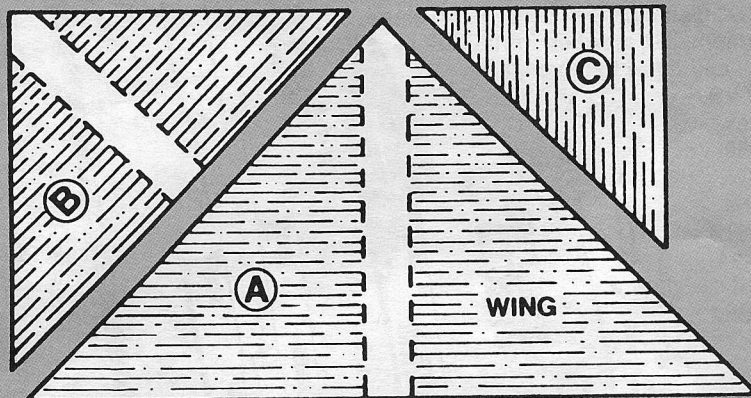


# DART PARASITE GLIDER



This glider design was developed by Art Bumpus of Randolph High School, Randolph, MA. The glider was originally designed to be launched attached to the bridle of a kite by a paper clip. Once the kite was high in the air, a sharp jerk on the flying line detached the glider from the kite. The original glider had a shorter fuselage. This glider is suitable for launch on very stable larger model rockets (as 24" or more in length).



Always trim the glider by hand-tossing it. Add small amounts of clay at the proper place to adjust glider for best descent rate (no stalls, no dives).

Glider attachment during launch is a suitably placed launch lug. The glider's tail should barely clear the fins of the rocket when in launch configuration. The "jolt" produced by the model rocket engine's ejection charge functioning should dislodge the glider at apogee.

Sand all edges round including nose. Use glue reinforcements for all joints.

Add three coats of sanding sealer (with a light sanding after each coat.)

Wing and rudder are mounted on top of fuselage. Stabilizer, nose blocks, and dowel are mounted on bottom of fuselage.

Make A, B, C from 1/32" or 1/16" balsa stock.

Make D, E from 1/16" balsa stock.

Make F from 1/8" dowel.