



FLYING YOUR ROCKET

Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better the chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and good visibility. Always follow the National Association of Rocketry (NAR) Safety Code.

TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Disconnect the igniter clips and remove the engine. Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.

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ESTES INDUSTRIES

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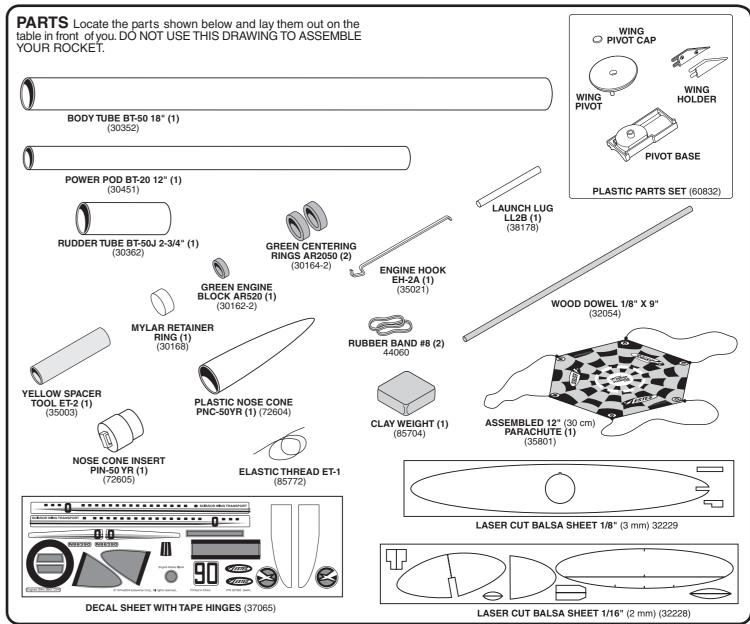
SCISSOR WING TRANSPORT

FLYING MODEL ROCKET KIT INSTRUCTIONS KEEP FOR FUTURE REFERENCE

ASSEMBLY TIP: Read all instructions before beginning work on your model. Make sure you have all parts and supplies.

TEST FIT ALL PARTS TOGETHER BEFORE APPLYING ANY GLUE! If any parts don't fit properly, sand as

required for precision assembly.



SUPPLIES In addition to the parts included in the kit you will also need:



SCISSORS



PENCIL





(#400-600 GRIT)



GLUE



KNIFE













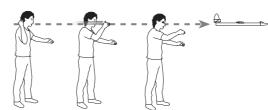
#1265

REFERENCE SHEET & MARKING GUIDES **CUT OUT FOR STEP 7-A CUT OUT FOR STEP 1-A** POWER POD TUBE MARKING GUIDE TUBE MOUNT SPACER POD FIN BRACES DOWEL MOUNT CENTER **ELEVATOR** STABILIZER WING PLASTIC WING BALSA SHEETS NOT TO SCALE **TUBE MOUNT** PLASTIC WING RUDDER DOWEL MOUNT BRACES **POD FINS** PLASTIC PARTS NOT TO SCALE DOWEL MOUNT SIDES 1/8" LASER CUT BALSA SHEET

1/16" LASER CUT BALSA SHEET

GLIDE TEST

NOTE: Test the Glider only on soft, grassy surfaces like a sports field or lawn so that you don t damage your model.



- **A.** With Power Pod removed from Glider, aim at a spot about 50 feet away and toss Glider straight out at eye level.
- **B.** Observe glide carefully. Make adjustments a little at a time until you are satisfied with the glide.

GLIDER ADJUSTMENTS:

If Glider dives:

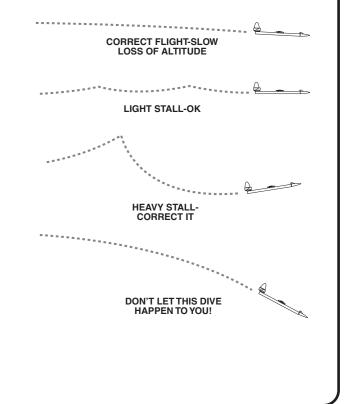
- Remove weight from nose cone, or
 Add weight inside of rudder tube, or
 Lightly sand angled part of Tube Mount to increase elevator movement

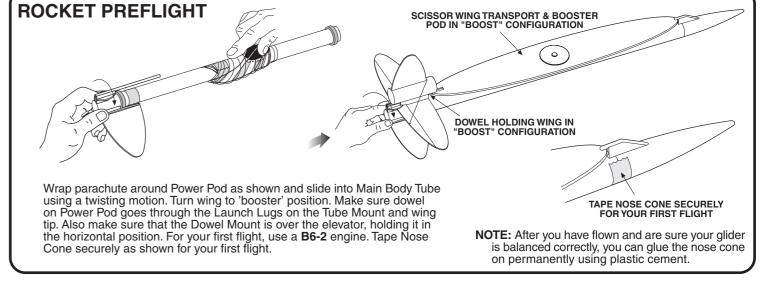
If Glider stalls:

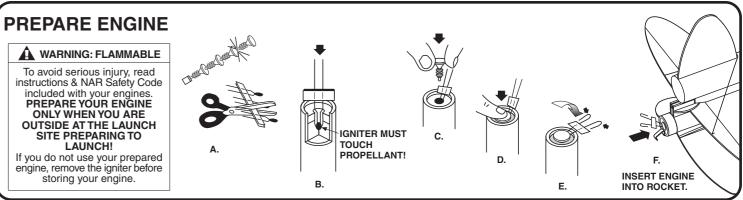
- 1) Add weight to nose cone, or
- 2) Remove weight from rudder tube, or3) Add shims to angled part of Tube Mount to decrease elevator movement

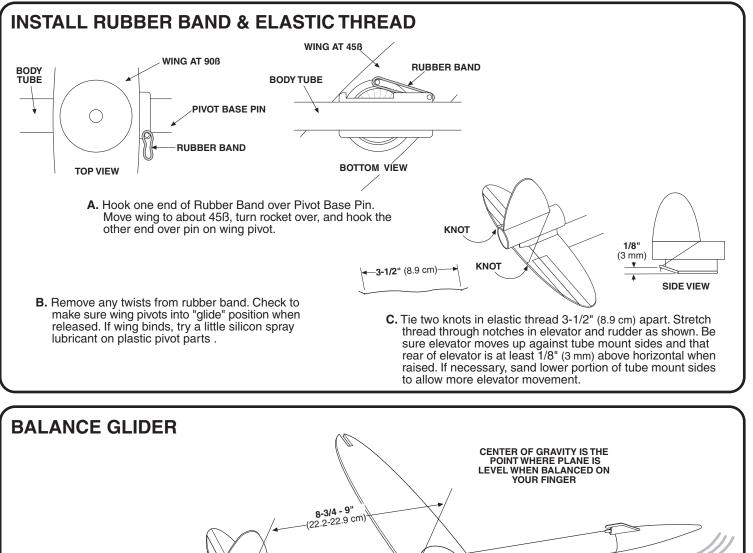
- If Glider turns too sharply:
 Be sure that wing is at right angles to body tube in glide position.
 Make sure that wing snaps firmly into glide position when released.
 Make sure model balances span wise (from side to side). If not, add weight, in small amounts, to the light wing tip until nearly balanced.

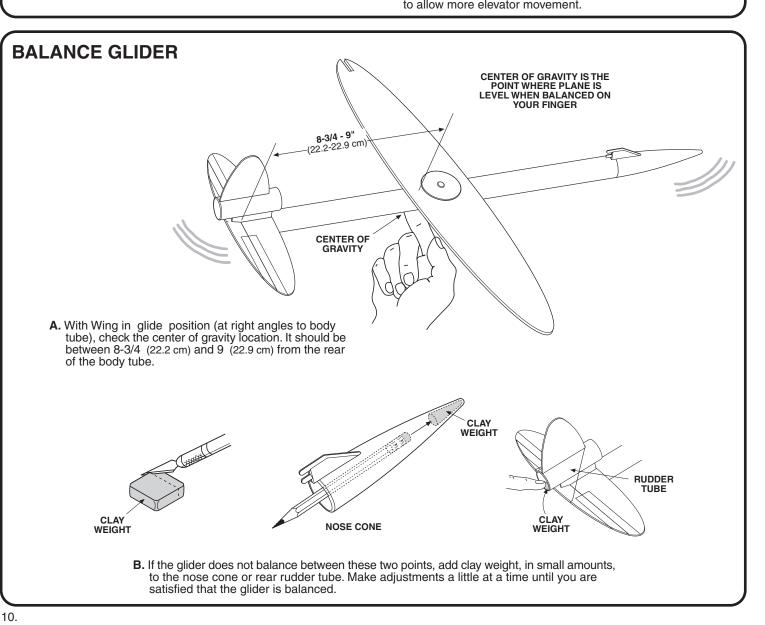
The Glider should perform a large, gliding circle during descent.

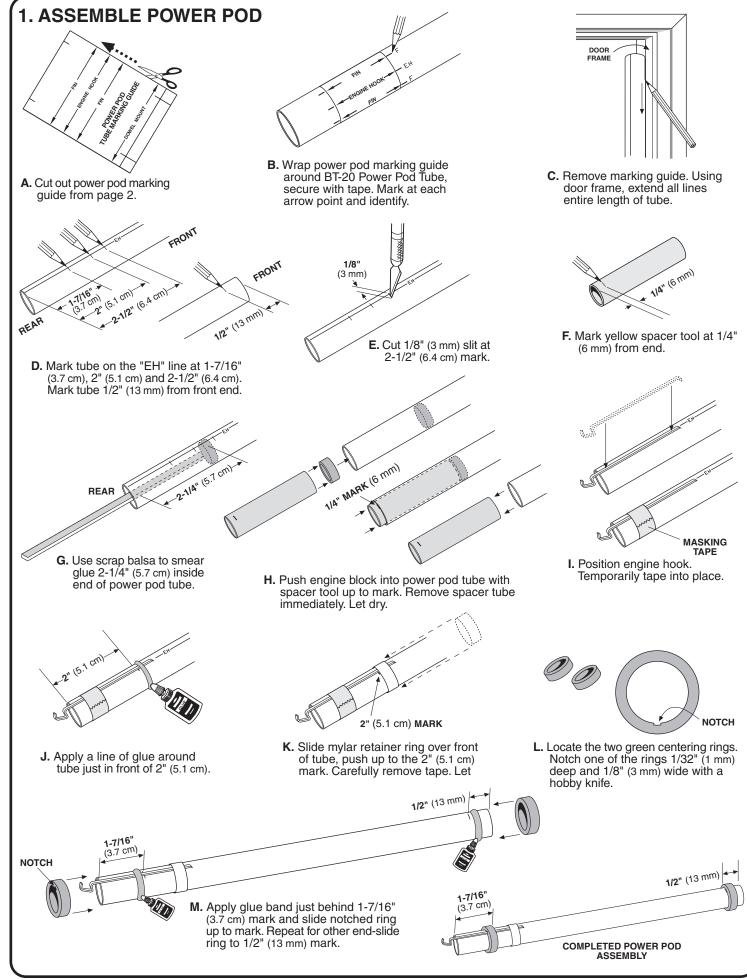












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