

Galactic Taxi

**SKILL LEVEL 3 RECOMMENDED
FOR EXPERIENCED ROCKETEERS**

BEFORE YOU START

Read each step and study the accompanying drawings before doing any of the work called for in that step. Make sure you have all parts and materials. Check off each step as you complete it. Always test-fit parts together before applying glue. It will sometimes be necessary to sand edges of rings, tubes, etc. to obtain proper fit. If you are in doubt about the relative size or location of some parts, refer back to this exploded view drawing for clarification. Adequate glue joints are very important for a flying model rocket. Follow the instructions carefully in this respect.

PARTS LIST KIT NO 1914

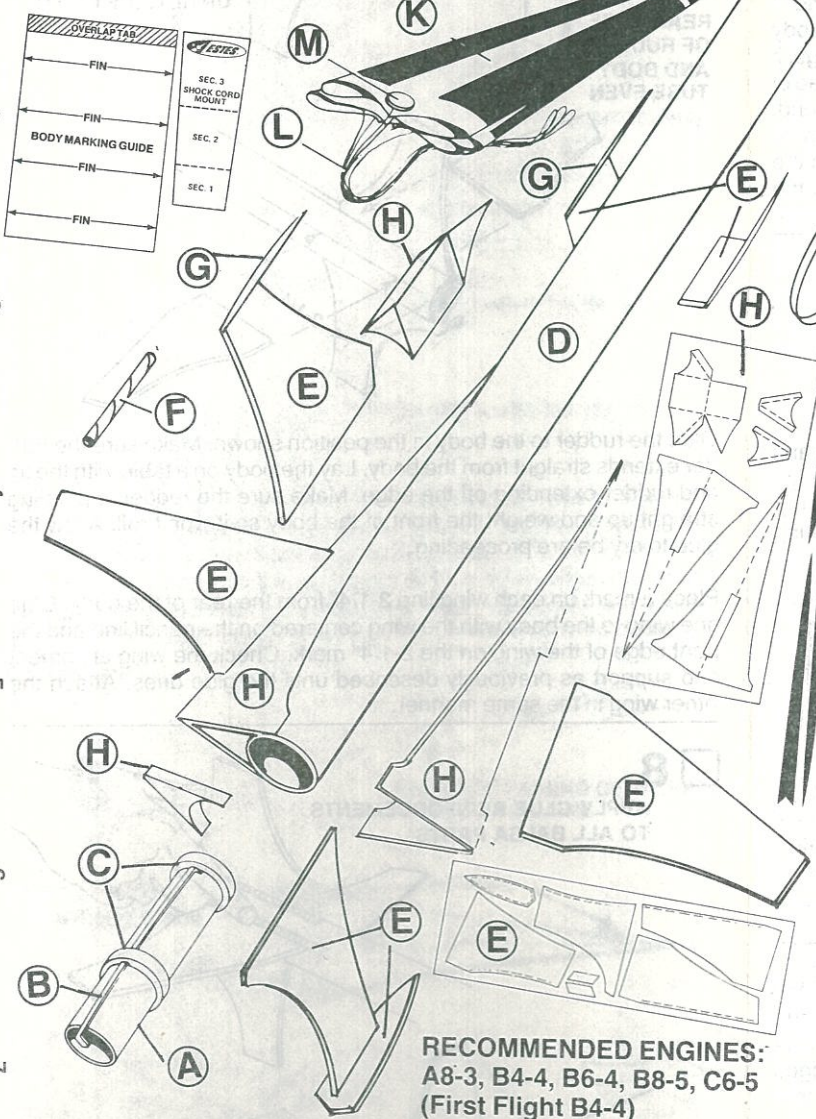


| | | | |
|---|---|------------------------------------|-------|
| A | 1 | Engine Mount Tube (type BT-20J) | 30326 |
| B | 1 | Engine Hook (type EH-2) | 35025 |
| C | 2 | Centering Rings (type AR-2050) | 30164 |
| D | 1 | Body Tube (type BT-50B) | 30379 |
| E | 1 | Balsa Die-Cut Sheet (type BF-1914) | 32614 |
| F | 1 | Launch Lug (type LL-2A) | 38175 |
| G | 3 | Toothpicks | 32066 |
| H | 1 | Die-Cut Card (type RA-1914) | 30136 |
| I | 1 | Nose Cone (type PNC-50KA) | 71028 |
| J | 1 | Shock Cord (type SC-1) | 85730 |
| K | 1 | Parachute (type PK-12A) | 85564 |
| L | 1 | Shroud Line (type SLT-72) | 38237 |
| M | 1 | Tape Discs-6 (type TD-3F) | 38406 |
| N | 1 | Decal (type KD-1914) | 37229 |

TOOLS AND MATERIALS

In addition to the parts included in this kit you will need: Scissors, pencil, ruler, fine or extra-fine grit sandpaper, sanding sealer, a medium-size modeling paint brush, modeling knife with sharp blade, gloss yellow enamel spray paint, and household white glue or resin glue (Elmer's, Titebond, or similar). Other types of glue are not recommended.

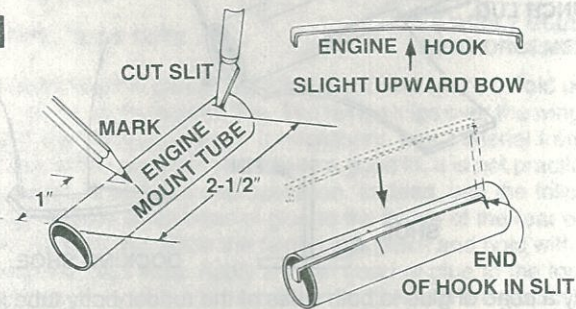
For easy and positive alignment of the fins on your model, we recommend the use of Estes' Fin Alignment Guide, Part No. 2231.



RECOMMENDED ENGINES:
A8-3, B4-4, B6-4, B8-5, C6-5
(First Flight B4-4)

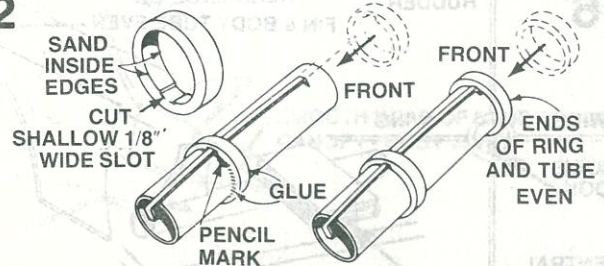
ASSEMBLY INSTRUCTIONS

1



Mark the engine mount tube (part A) at 1" and 2-1/2" from one end. Cut a 1/8" long slit at the 2-1/2" mark. Gently bend the engine hook (part B) so that it bows upward very slightly in the middle. (Study the drawing—Don't bend the wrong way.) Insert one end of the engine hook into the slit in the tube.

2



Sand the inside edges of the two centering rings (part C) to remove burrs. The rings should slide easily onto the engine mount tube. Cut a very shallow 1/8" wide slot inside one centering ring so it will fit over the engine hook. Slip the ring onto the front end of the engine mount tube and slide it down to the 1" mark. Make sure the engine hook runs straight down the tube, then apply glue to both sides of this ring. Apply glue around the front end of the engine mount tube and slide the remaining centering ring into place (front of ring even with the end of the tube.)

INCHES
1
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10