

apache-2

SKILL LEVEL 3 - Recommended for Craftsman Rocketeers.

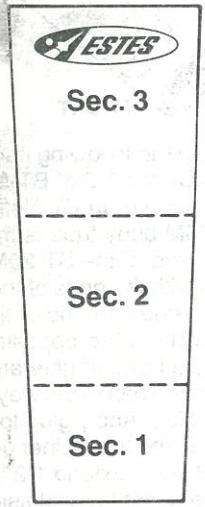
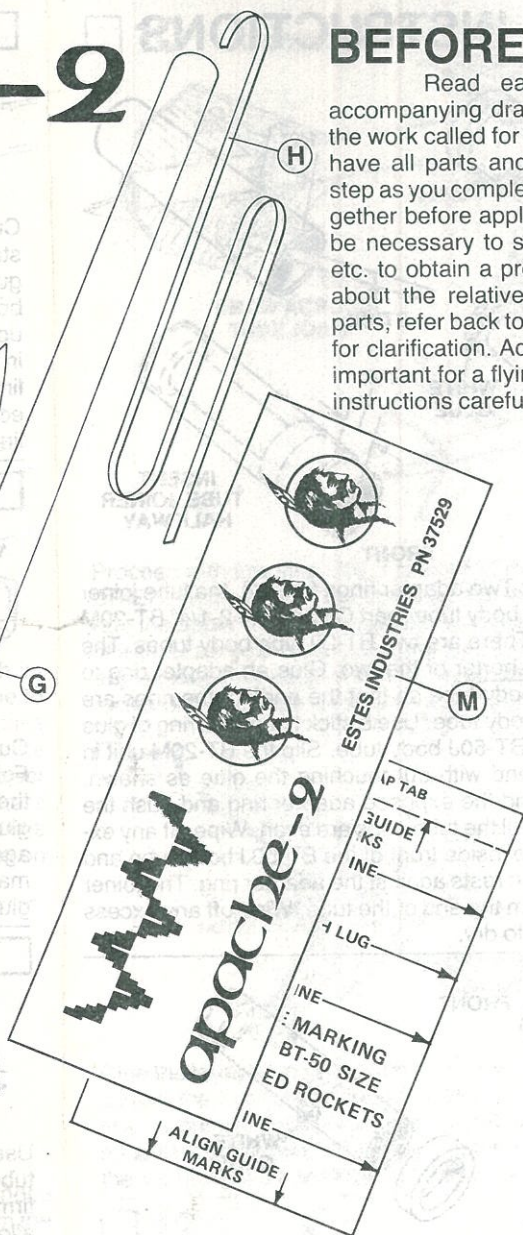
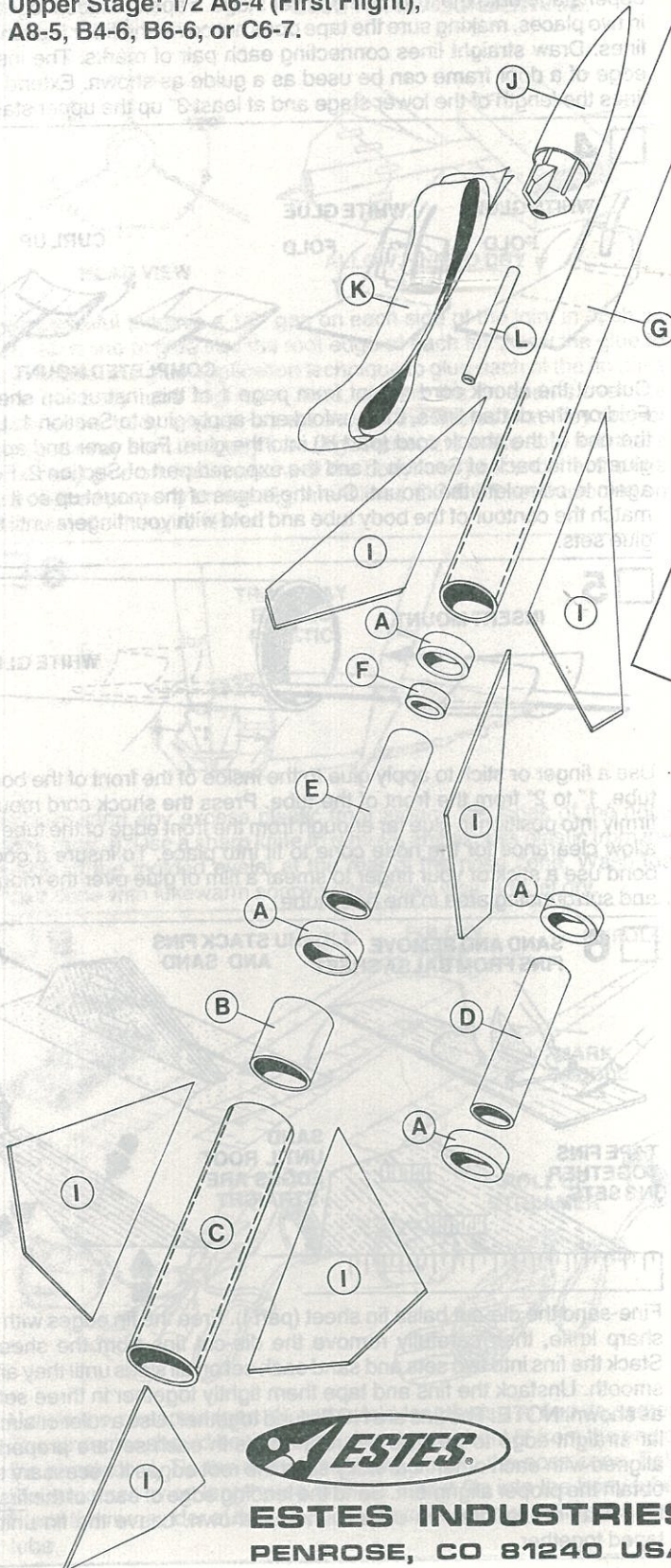
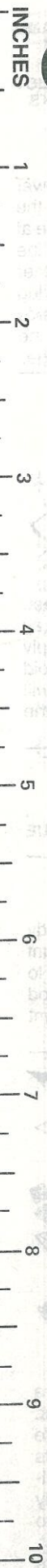
RECOMMENDED ENGINES:

**Booster Stage: A8-0 (First Flight),
B6-0, C6-0.**

**Upper Stage: 1/2 A6-4 (First Flight),
A8-5, B4-6, B6-6, or C6-7.**

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 a 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 regard.



SHOCK CORD MOUNT
(to be cut out here)

PARTS LIST KIT NO. 1388

A	4	Adapter Rings (type AR-2050)	30164
B	1	Tube Joiner (type JT-50C)	30260
C	1	Body Tube (type BT-50J)	30362
D	1	Body Tube (type BT-20M)	30334
E	1	Body Tube (type BT-20J)	30326
F	1	Engine Block (type AR-520)	30162
G	1	Body Tube (type BT-50L)	30366
H	1	Shock Cord (type SC-1)	85730
I	1	Die-Cut Balsa Fin Sheet (type BF-1388)	32397
J	1	Plastic Nose Cone (type PNC-50KA)	71028
K	1	Plastic Streamer (type RS-20)	38278
L	1	Launch Lug (type LL-2A)	38175
M	1	Decal (type KD-1388)	37529

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 white, red, and black spray paints, 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.



ESTES INDUSTRIES
PENROSE, CO 81240 USA