

AIM-9 SIDEWINDER™ INSTRUCTIONS

KIT NO. 2125 PN 84461







TOOLS REQUIRED:















PENCIL

RULER

HOBBY KNIFE HOBBY SAW

PAINT BRUSH MASKING TAPE

3 mm (1/8") DOWEL

WAXED PAPER

SCISSORS

GLUE

(white or yellow)



PLASTIC CEMENT

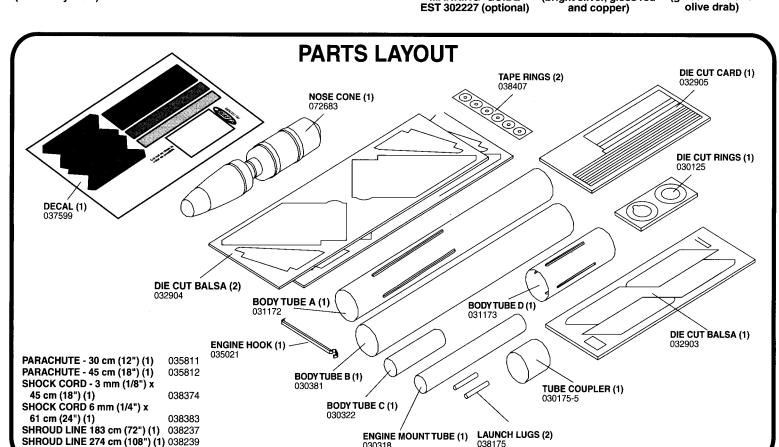
SANDPAPER

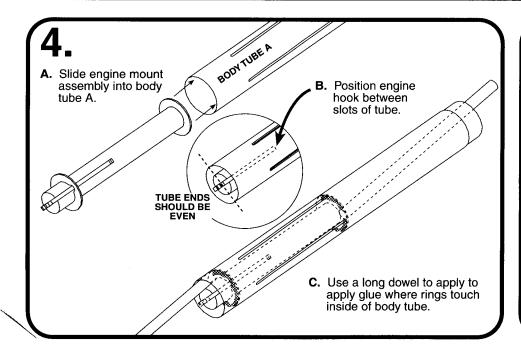
SANDING SEALER

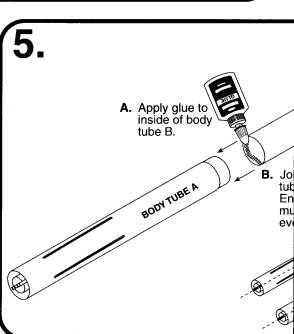
ROCKET BUILDER'S MARKING GUIDE

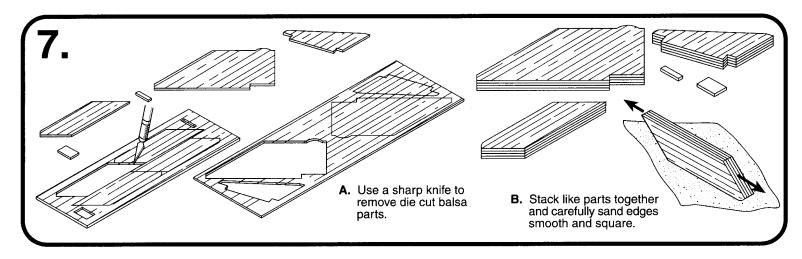
BOTTLE PAINT

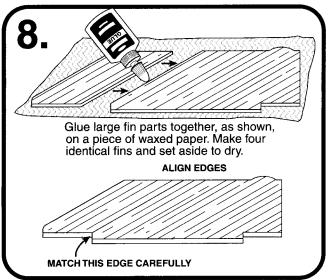
SPRAY PAINT (gloss white and (bright silver, gloss red olive drab) and copper)

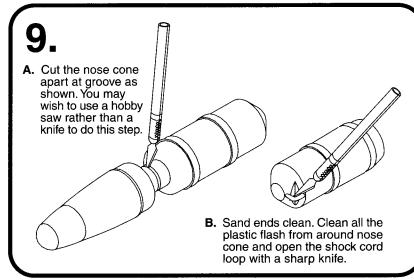


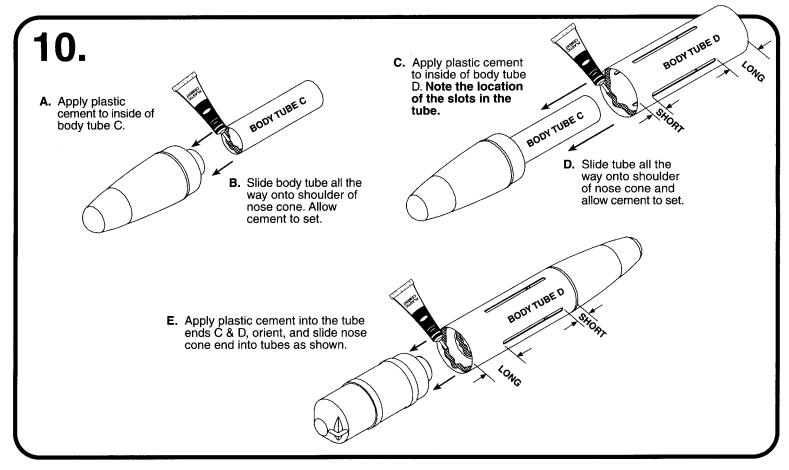


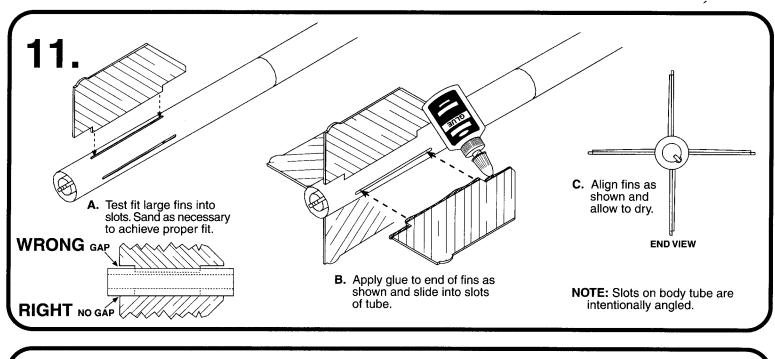


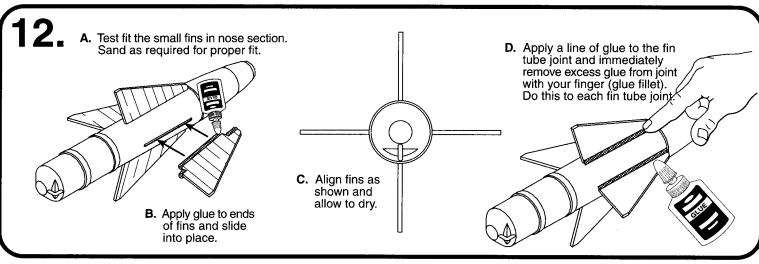


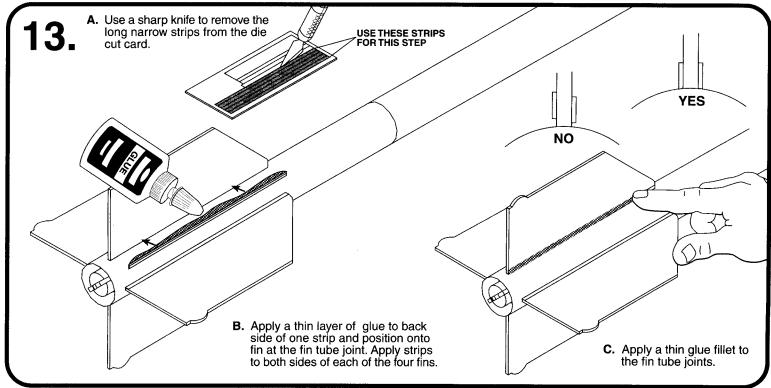


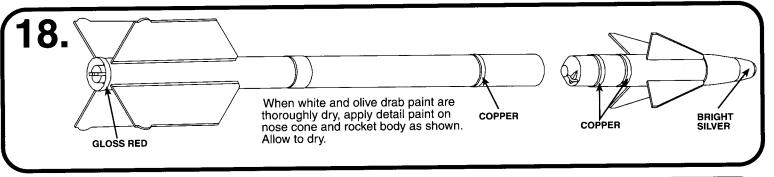


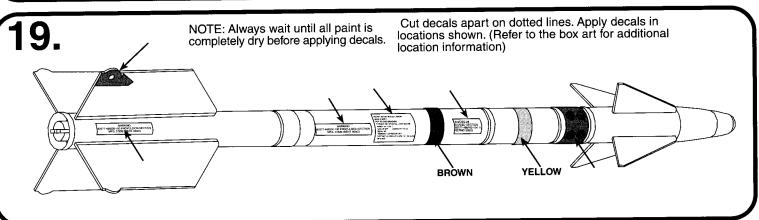


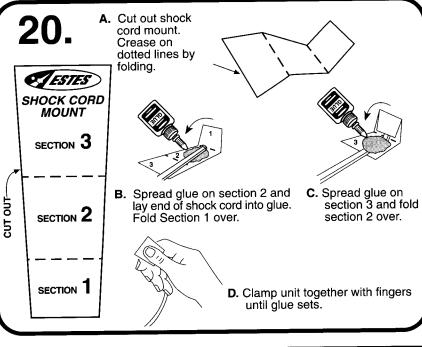


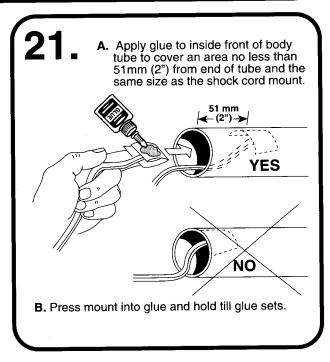


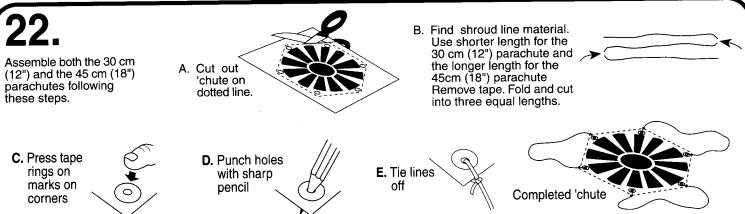


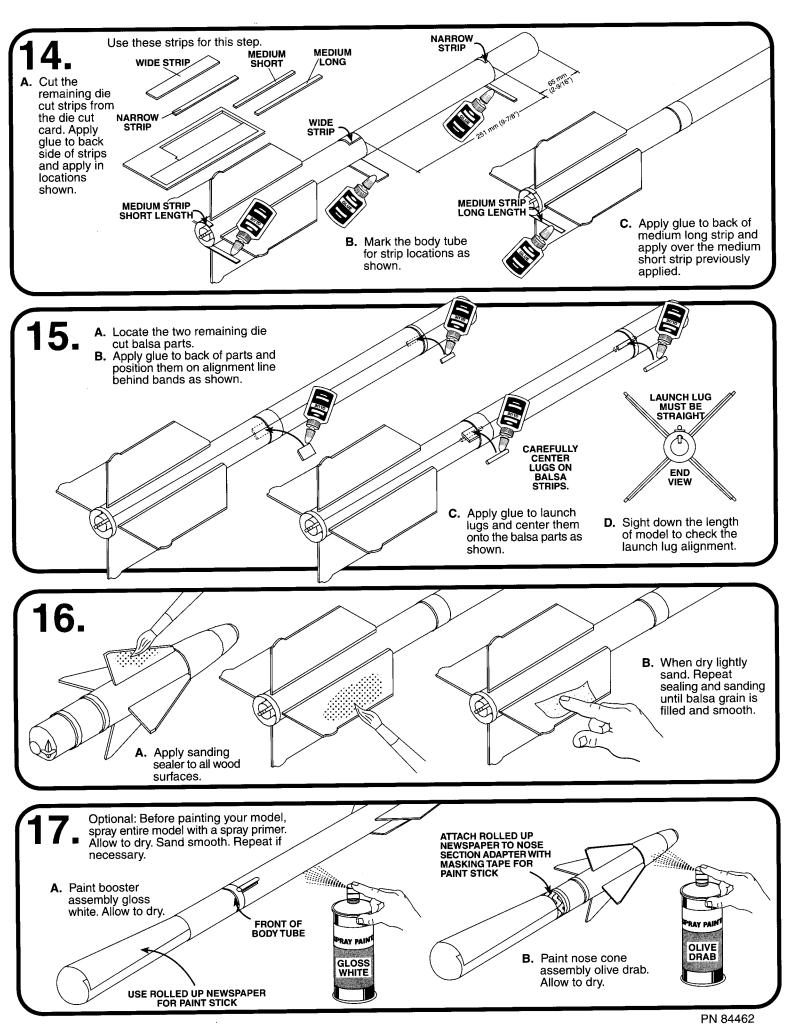


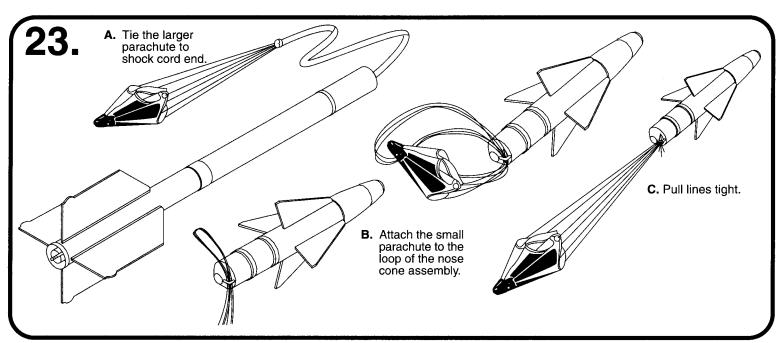




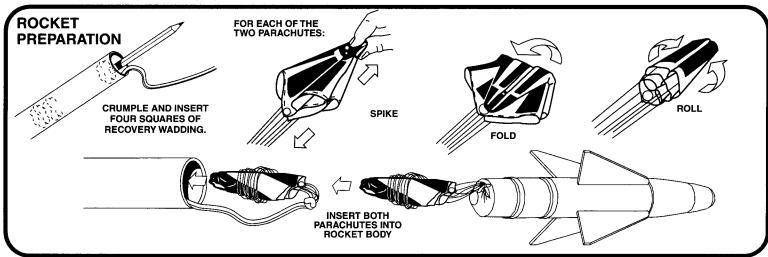


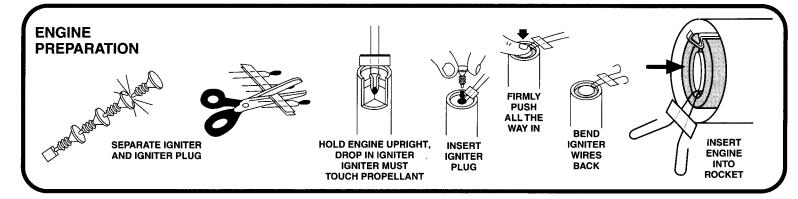






FLYING YOUR ROCKET



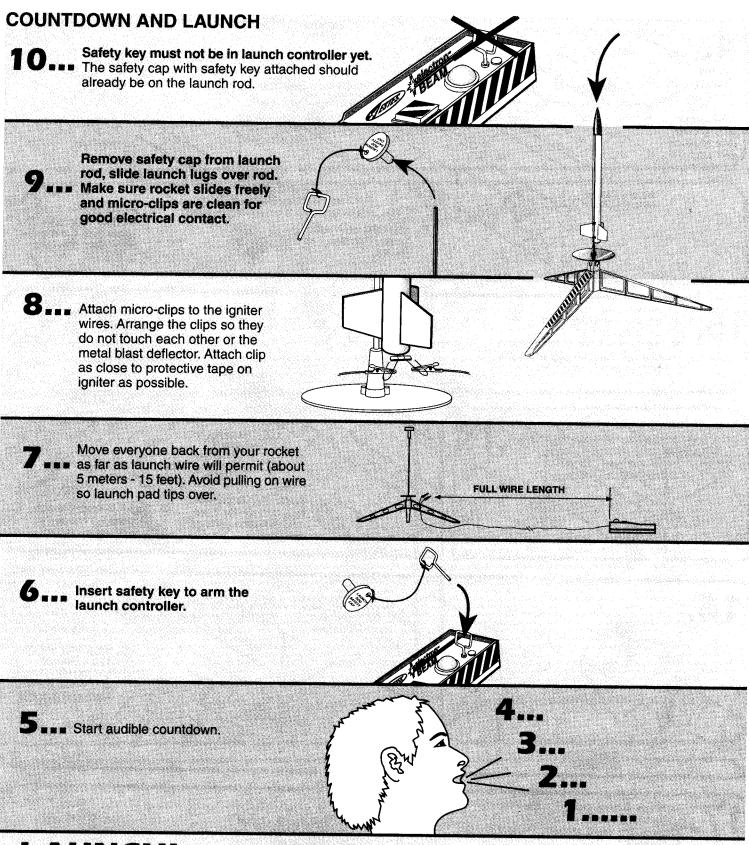


LAUNCH SUPPLIES

To launch your rocket, you will need the following:

- Launch Pad (Estes Porta-Pad® II)
- Launch Controller (Estes Electron Beam®)
- Recommended Estes Engines: C6-3 and C6-5
- Recovery Wadding (EST302274), Igniters and Igniter Plugs (included with Estes engines)
- Use only Estes products to launch this rocket.

- TIPS FOR FLYING YOUR SIDEWINDER
 Choose a large field away from power lines, tall trees, and low flying aircraft.
- Try to find a field at least 76 meters (250 feet)square. The larger the launch area, the better your chances of recovering your rocket.
- Launch area must be free of dry weeds and brown grass.
- · Launch only during calm weather with little or no wind and good visibility.
- Don't leave parachutes packed more than a minute or so before launch during cold weather (colder than 4° Celsius [40° Fahrenheit]). Parachutes may be dusted with talcum or baby powder to avoid sticking.
 If you use the E2® or the Command Control™ Launch Controllers follow the instructions
- provided with those models.
- Always follow the National Association of Rocketry (NAR) MODEL ROCKETRY SAFETY CODE while participating in any model rocketry activity.



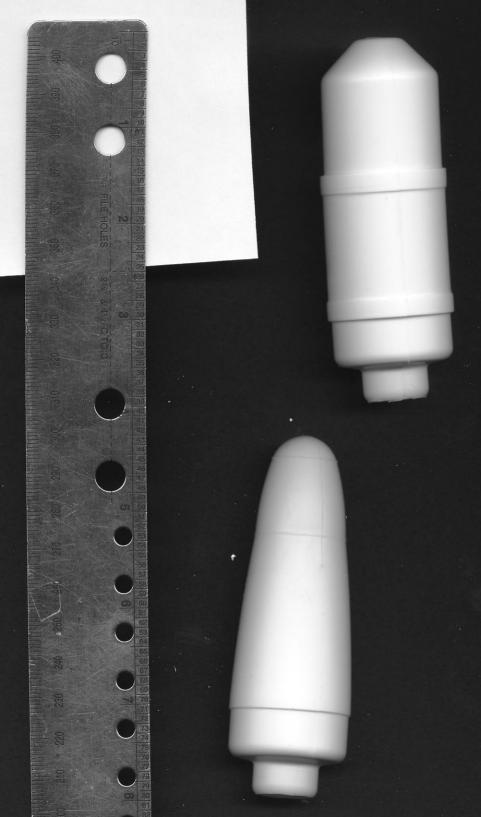
LAUNCH!

Push and hold button until engine ignites.

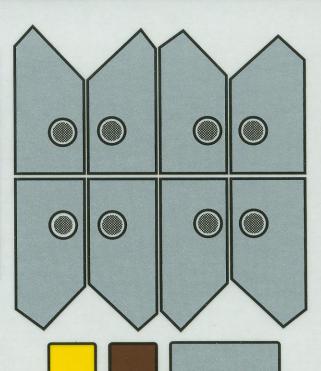
FOR SAFETY, IMMEDIATELY, REMOVE SAFETY KEY FROM LAUNCH CONTROLLER AND REPLACE SAFETY CAP ON LAUNCH ROD.

MISFIRES

When an ignition failure occurs, remove the safety key from the launch control system and wait one minute before approaching the rocket. Remove the expended igniter from the engine and install a new one. Be certain the coated tip is in direct contact with the engine propellant. Broken or chipped coating will not affect the performance of the igniter. Reinstall the igniter plug. Repeat the countdown and launch procedure.







WARNING

82577-499300-100 PROPULSION SECTION MFG. CODE IDENT. 00403

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> color as possible Cut out as close to

SERNO-20225 82577-499100-104-11 **GUIDED SECTION** AN/OSQ-26

MFR. INSP.

ROCKET MOTOR, REDUCED SMOKE

MARK 36 MOD II

DATE OF MFR. **RANGE -54°C TO 63°C** STORAGE AND OPERATING TEMPERATURE PART NO. 30003-639AS4993 LOADED WT. 101 LB.

CONTRACT NO. N00019-87-C-0255 LOT NO. AJ 020 WARRANTY EXPIRATION DATE

SERIAL NO.

PN 037599