

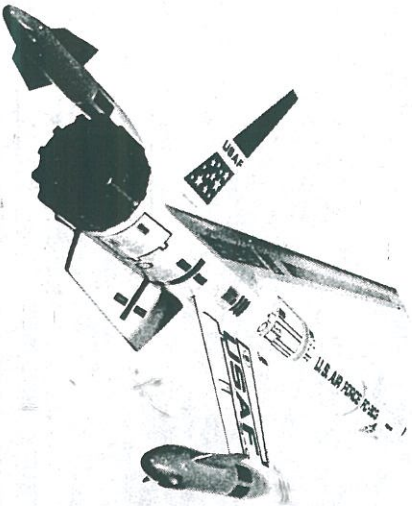
FINISHING & PAINTING

Apply two or more coats of sanding sealer to balsa surfaces. Sand lightly with extra fine sandpaper between coats. Plastic surfaces must be wiped clean before painting. Very light sanding with 320 grit sandpaper will also help paint to adhere to surface. Give the rocket a base coat of white paint. **DO NOT USE BUTYRATE DOPE ON PLASTIC PARTS.** Sand lightly and apply a final finish coat of gloss white paint.

APPLYING THE DECALS

Because the Interceptor decals are applied in large sections at a time the following suggestions will be helpful (fig. 15):

1. Wet surface slightly with water.
2. Slide decal carefully from backing paper to desired surface.
3. Smooth out bubbles and excess water from beneath decal with wide, wet brush.
4. Blot with damp cloth and allow to dry.



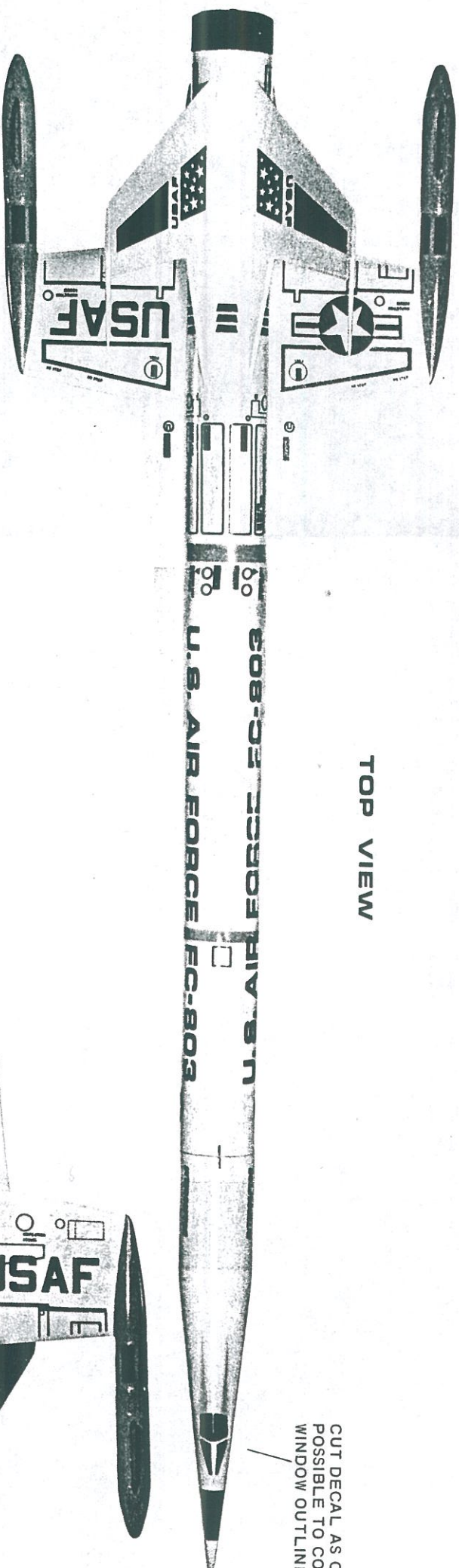
COUNTDOWN CHECKLIST

11. Pack six squares recovery wadding into body tube. Fold the parachute in half. Pack the chute, shroud lines and shock cord neatly into the rocket.
10. Insert an igniter into the engine as directed in the engine instruction sheet. Install engine in rocket.
9. Disarm the launch panel. Place rocket on launcher.
8. Clean the micro-clips and attach them to the igniter.
7. Clear the launch area.
6. Arm the launch panel.

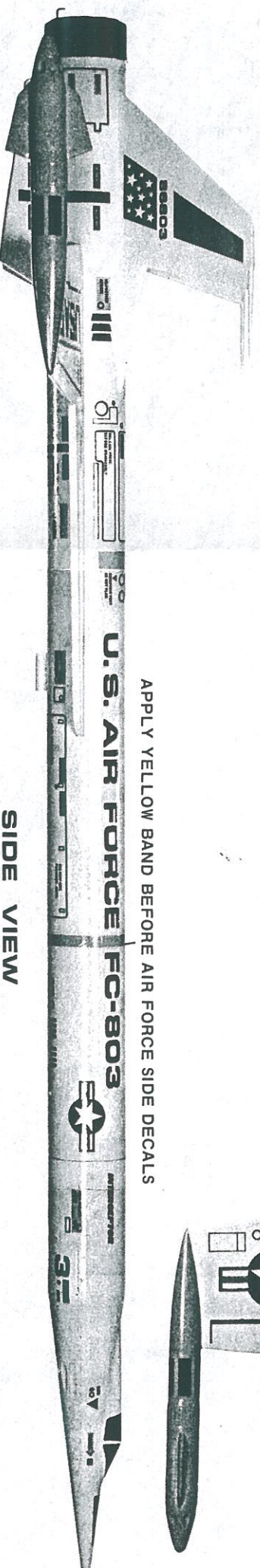
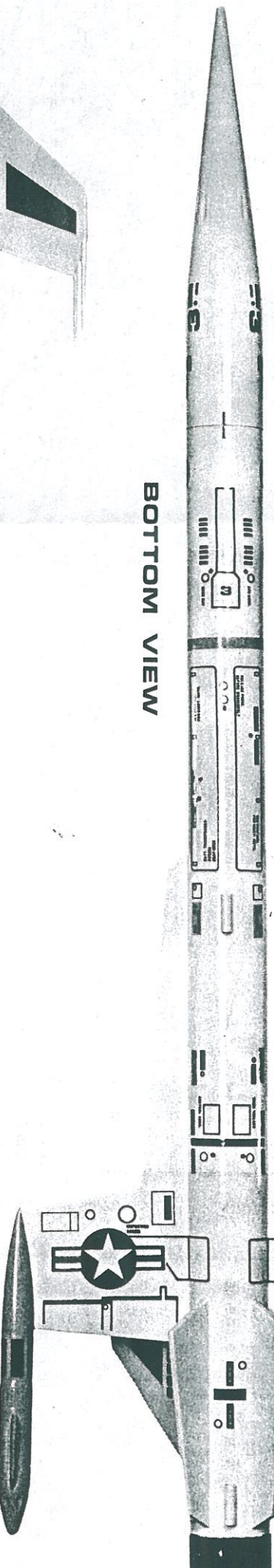
5 - 4 - 3 - 2 - 1 - LAUNCH!

DECAL REFERENCE

TOP VIEW



BOTTOM VIEW

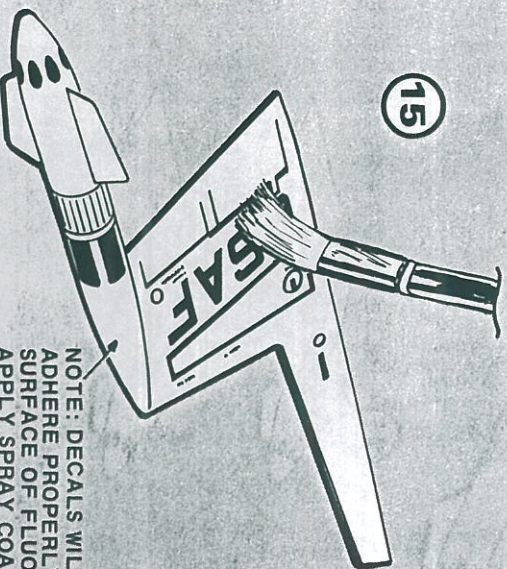


SIDE VIEW

TO APPLY LARGE DECALS:

- 1 WET SURFACE WITH BRUSH
- 2 APPLY DECAL
- 3 POSITION AND SMOOTH WITH WET BRUSH
- 4 BLOT WITH DAMP CLOTH

15



NOTE: DECALS WILL NOT ADHERE PROPERLY TO ROUGH SURFACE OF FLUORESCENT PAINT. APPLY SPRAY COAT OF CLEAR TO POD. ALLOW TO DRY. APPLY DECAL.

COLOR SCHEME

- OVERALL ROCKET WHITE
 TAIL CONE BLACK
 WINGTIP PODS FLUORESCENT ORANGE
 (DO NOT USE BUTYRATE DOPE ON PLASTIC PARTS)

RECOMMENDED ENGINES — B4-2, B6-4, C6-5

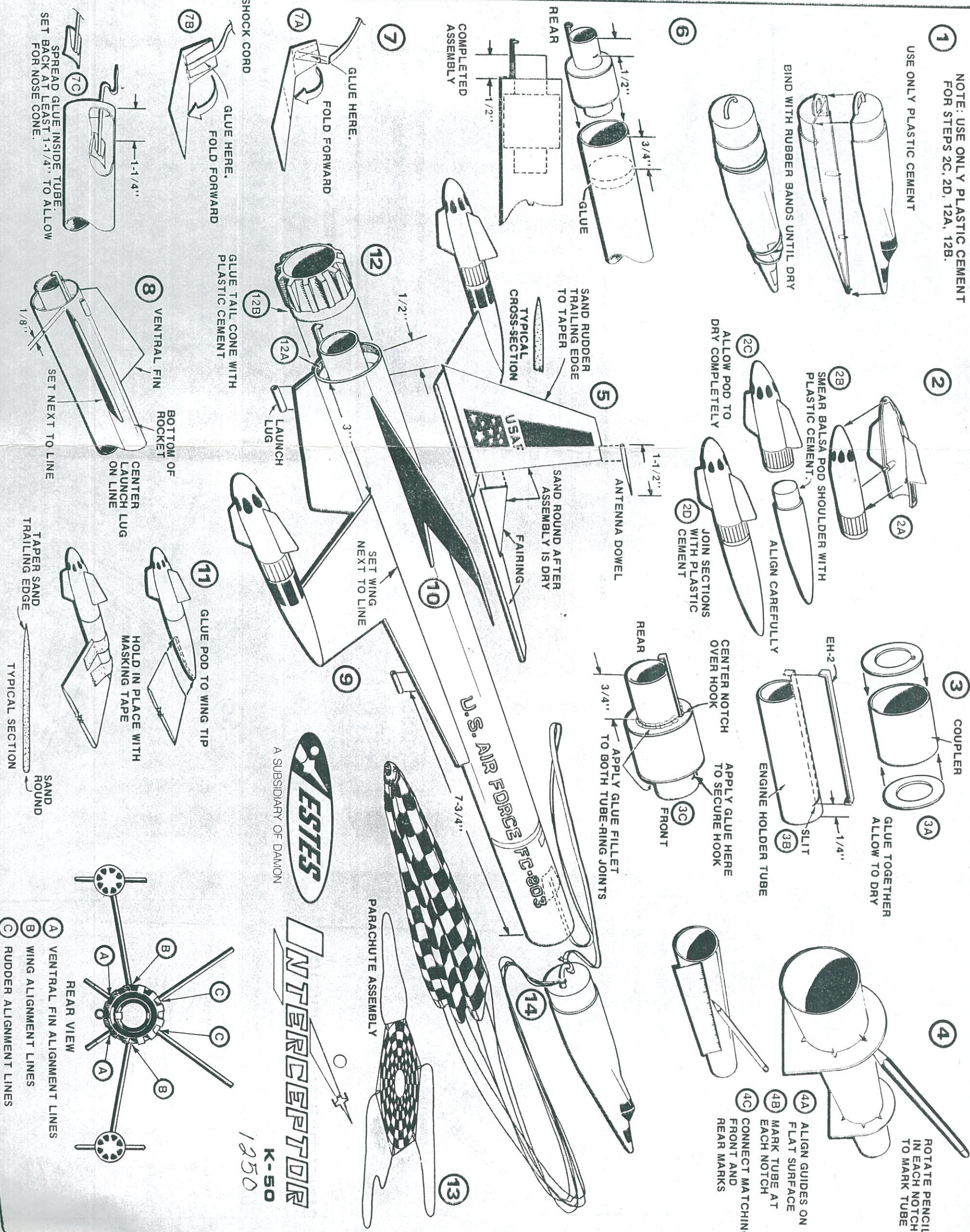


A SUBSIDIARY OF DAMON
ESTES INDUSTRIES
 BOX 227, PENROSE, COLO. 81240

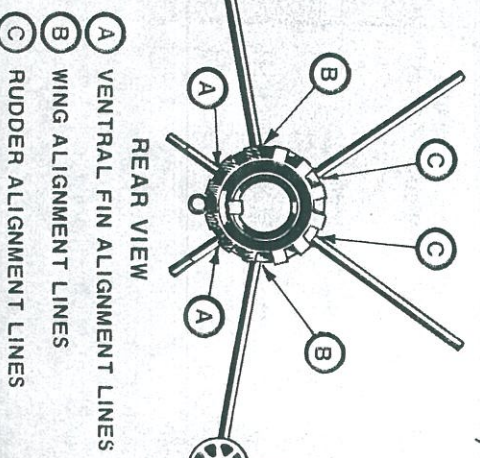
ASSEMBLY INSTRUCTIONS

1. Cement nose cone halves together. USE ONLY PLASTIC CEMENT.
2. Cement wing pod halves together. ALLOW TO DRY COMPLETELY. NOTE: Use only PLASTIC CEMENT for joining balsa pod to plastic. (Do not use solvent type cement.)
3. Glue centering rings (from part #TA-50) to stage coupler (part #JT-55C). Slit engine tube (part #ST-20) and install engine holder (part #EH-2). Position coupler assembly on engine tube as shown and glue into place.
4. Slip tube marking guides (from part #TA-50) onto body tube (part #BT-55), align and mark tube as illustrated.
5. Fine-sand rudder and rudder fairing parts before removing them from balsa sheet (part #BF-50B). Glue fairing to rudder. Cut a 1-1/2" length from each antenna dowel (part #AT-1) and glue to rudder notch. Allow both rudder assemblies to dry.
6. Mark engine tube 1/2" from tube rear. Smear a band of glue inside body tube rear. Insert engine mount unit until mark is even with body tube end. Align engine hook with launch lug line.
7. Assemble shock cord mount (part #SCM-50) as shown in fig. 6 and glue to inside of body tube.
8. Fine-sand all fin and wing parts before removing them from large balsa sheet (part #BF-50A). Sand ventral fin leading edge round. Sand other edges square. Glue fins to body tube NEXT TO ALIGNMENT LINES as shown. See also Rear View. Cut the launch lug (part #LL-2A) in half and glue to body tube DIRECTLY UPON the launch lug alignment line as illustrated.
9. Taper-sand the trailing edge of both wings as in fig. 11. Sand the wing leading edge round only after wing fairing is glued into place. Rub a priming coat of white glue into root edge of both wings and allow to set. Position and glue wings to body tube NEXT TO ALIGNMENT LINES. See also Rear View. Glue wing fairings into place. Hold fairings against tube with masking tape until dry.
10. Glue rudder assemblies to body tube NEXT TO ALIGNMENT LINES as shown in Rear View.
11. Test fit wing pods against wing tip. Sand wing tip if necessary for proper fit. Rub white glue into wing tip edge and allow to set. Apply glue-to-wing tip edge and glue pod into place. Align pod carefully (see also Rear View) and hold in place with masking tape until dry.
12. Smear a coat of PLASTIC CEMENT around the inside of the body tube rear and allow to dry (fig. 12A). Apply plastic cement to the tail cone shoulder and attach it to tube rear (fig. 12B).
13. Cut out the parachute (part #PK-18A) along its edge lines. Cut the shroud line (part #SLT-108) into three equal lengths. Attach lines to chute top with tape strips (part #TD-2F) as in fig. 13.
14. Pass shroud line loop ends through nose cone loop. Pass nose cone through loops. Then draw lines tight against plastic loop. Secure knot with glue. Tie the shock cord end to nose cone loop.

NOTE: USE ONLY PLASTIC CEMENT FOR STEPS 2C, 2D, 12A, 12B.



ESTES
A SUBSIDIARY OF DAMON
INTERCEPTOR
K-50
1250



- A VENTRAL FIN ALIGNMENT LINES
- B WING ALIGNMENT LINES
- C RUDDER ALIGNMENT LINES

U.S. AIR FORCE FC-803

U.S. AIR FORCE FC-803



KD-50B
37050

