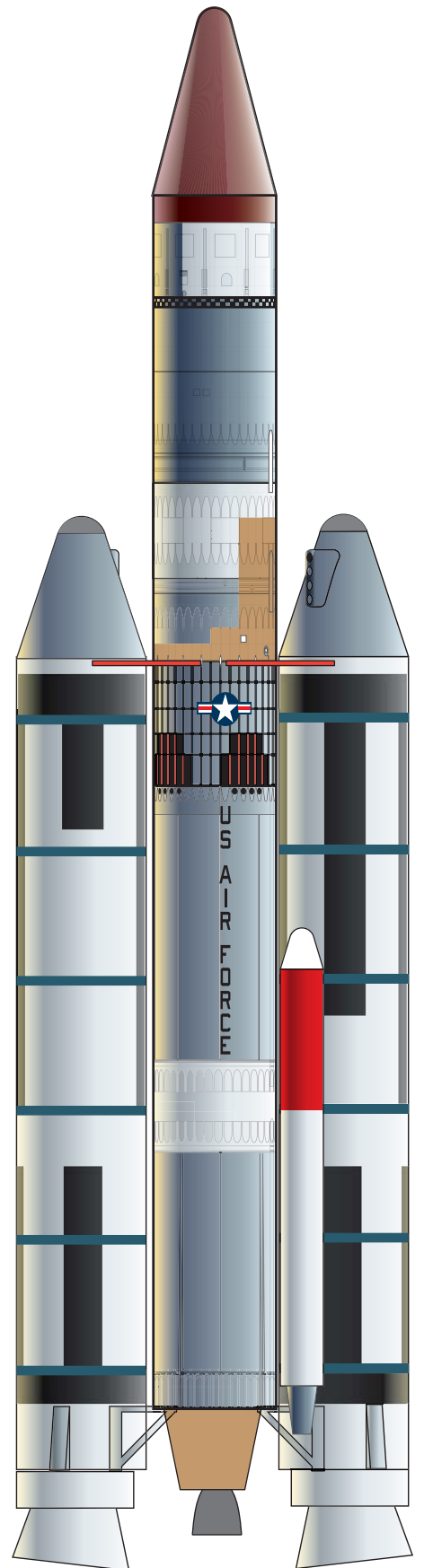


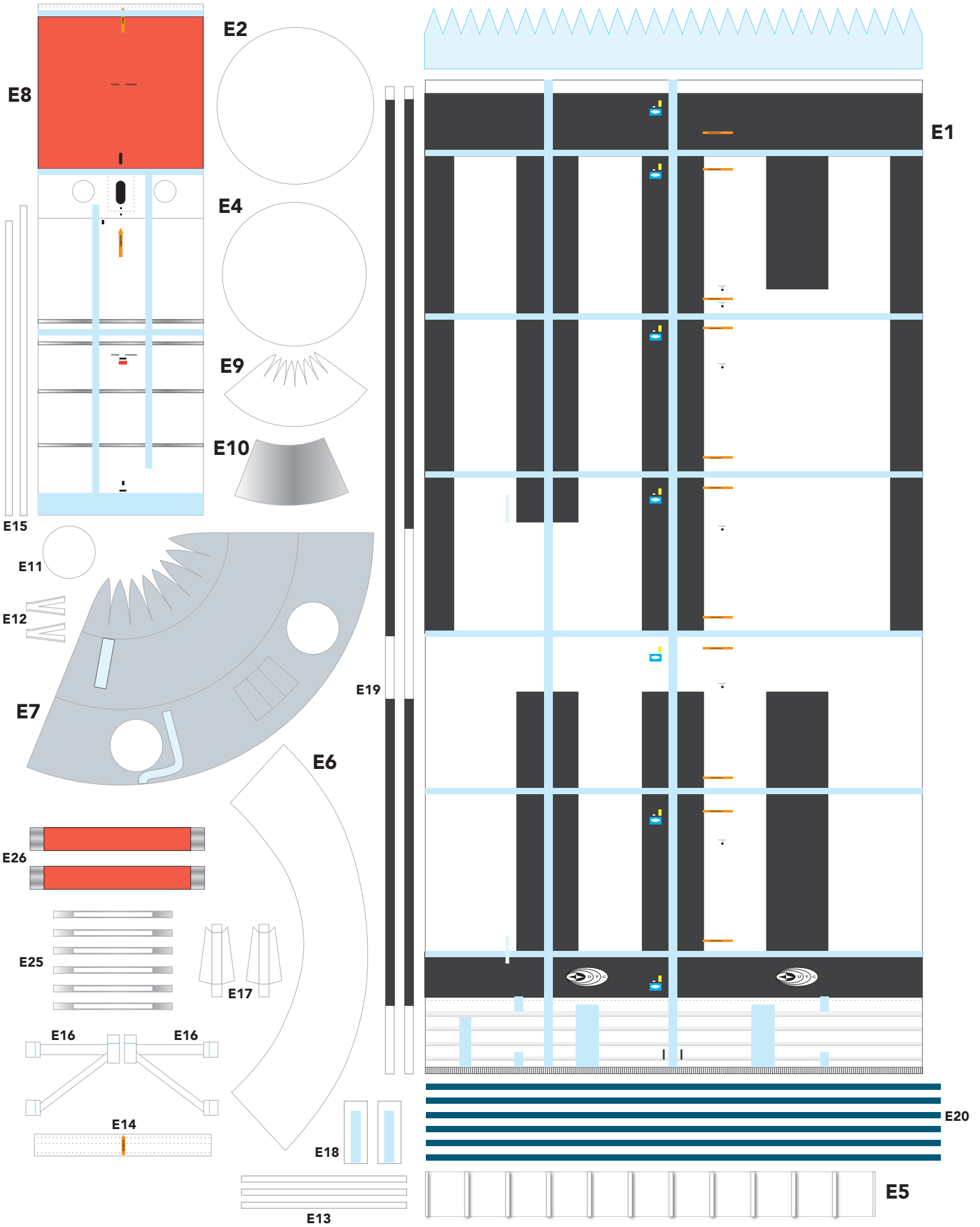
TITAN IIIc

USAF Booster
Paper Model Kit

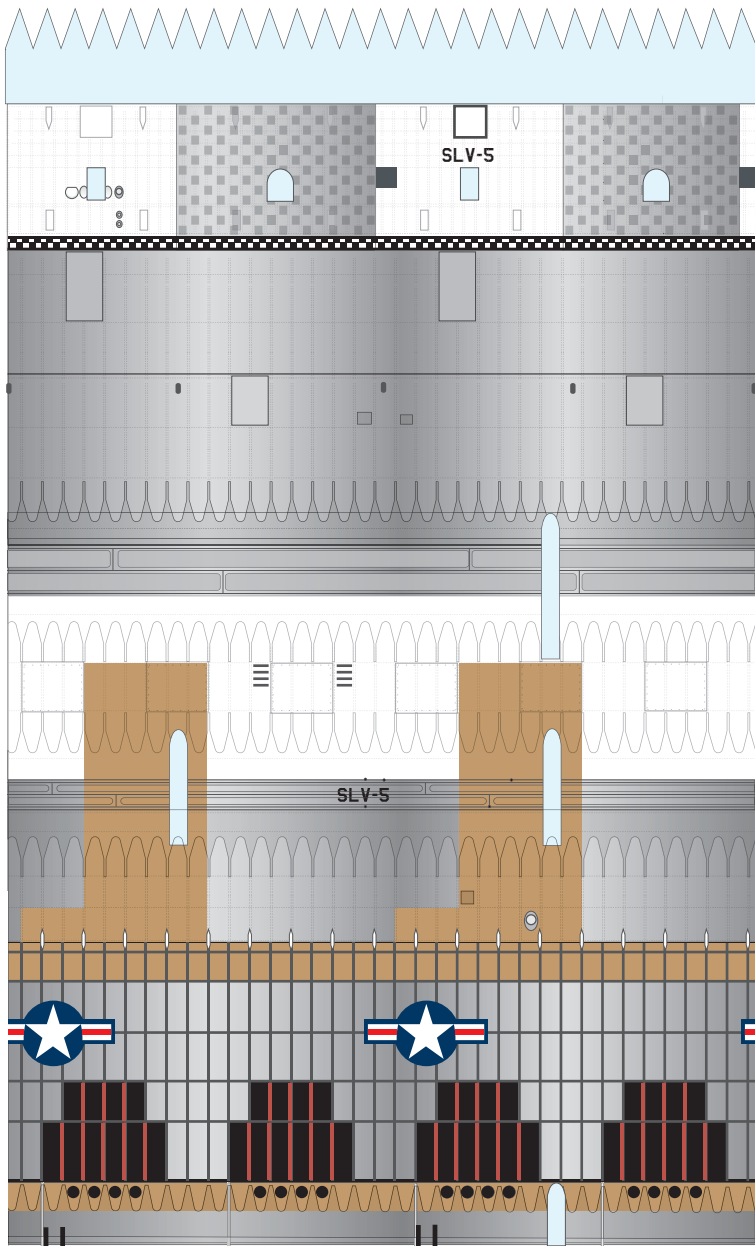
1/96 scale

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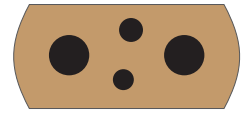
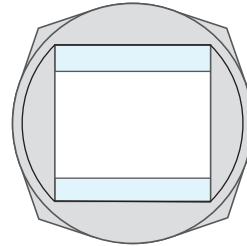




C1

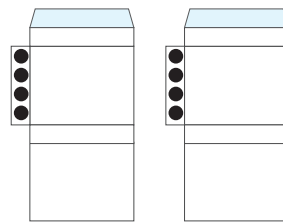


A1

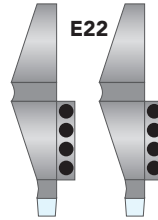


A3

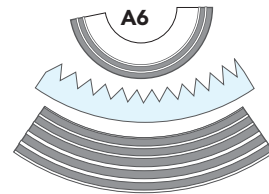
E21



E22

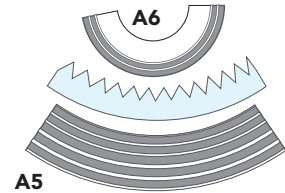


A6



A5

A6

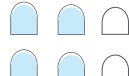


A5



A4

C7



C5



C7

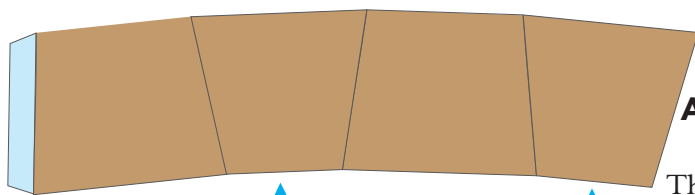
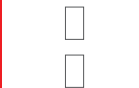


E24

E23



C8 glue to 2 layers

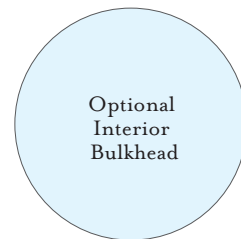
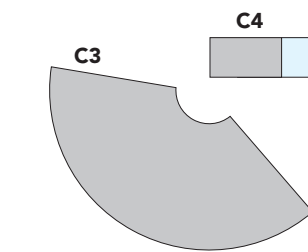
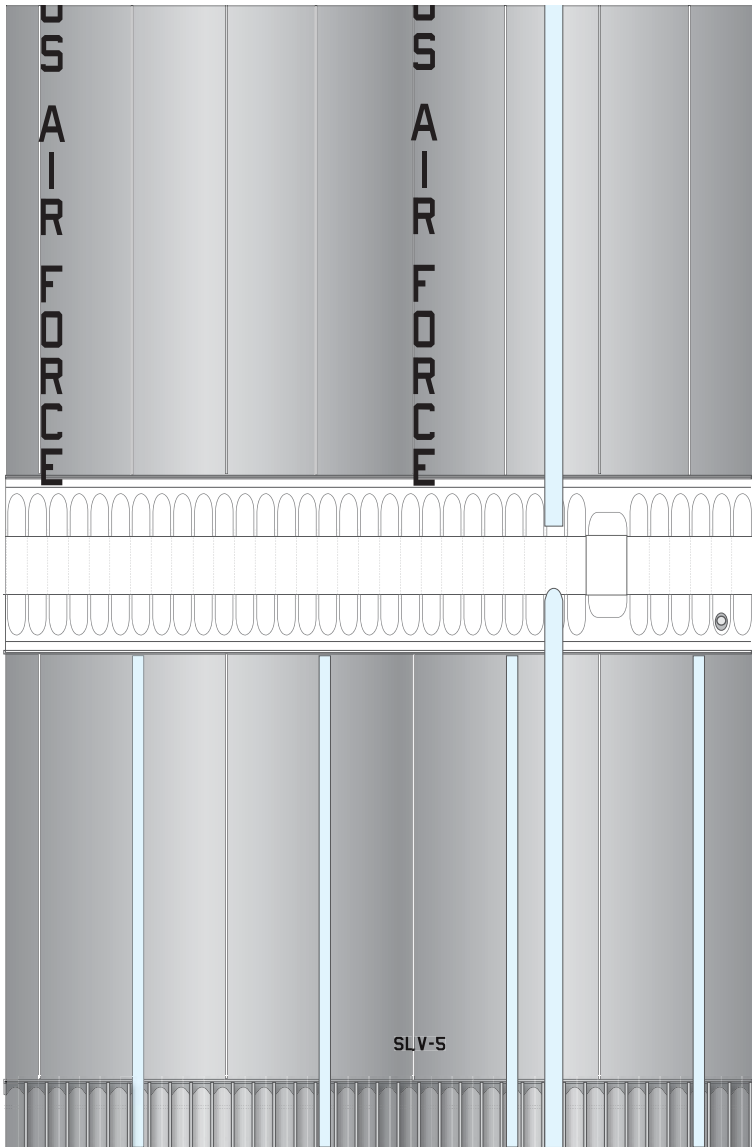
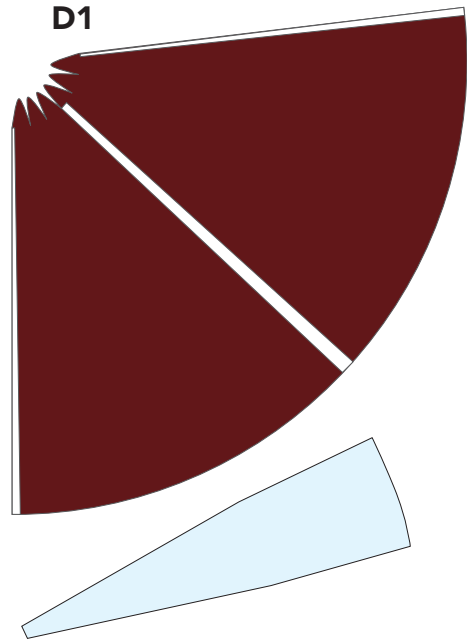
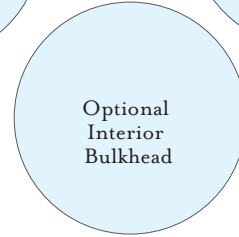
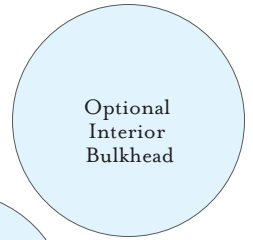
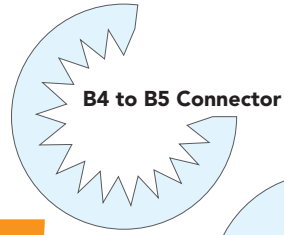
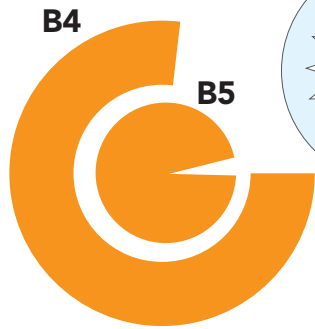
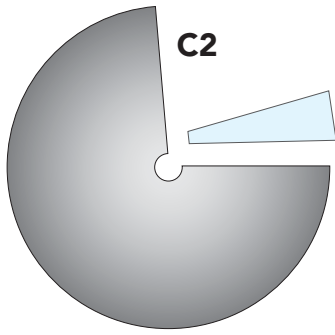


This end attaches to A1

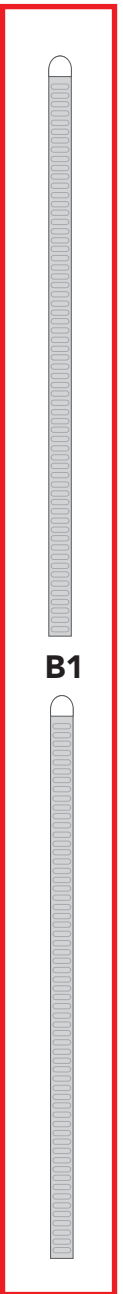
This end attaches to A3

Curl this panel

Curl this panel



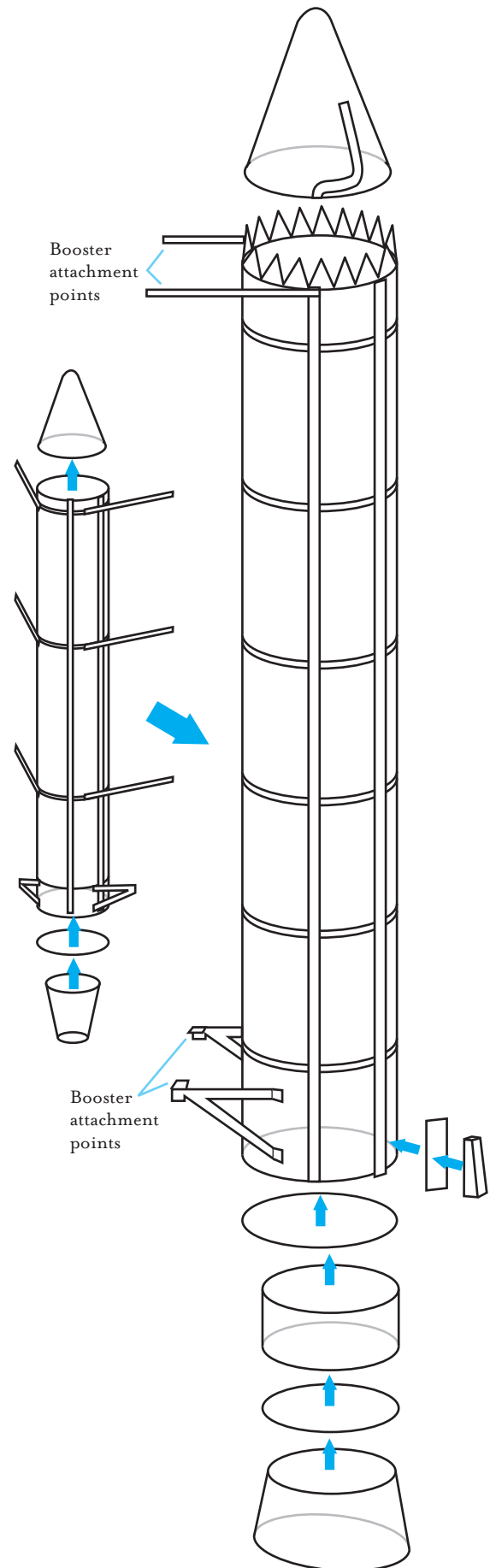
Glue to I layer of cardstock.



B1

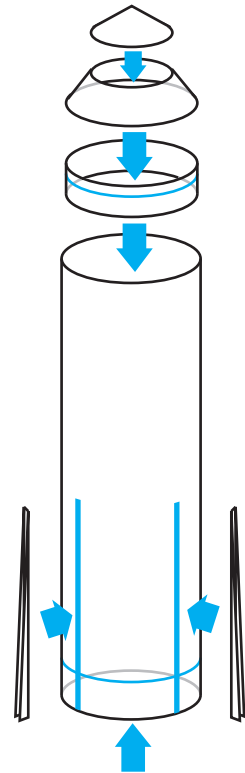
SOLID BOOSTER (x2)

1. Roll E1 into a cylinder. Glue connector inside top edge.
2. Glue end bulkhead E2 to base of E1.
3. Roll E5 into a cylinder. Glue flush to edge at outside of E1. (That's the area marked by two small vertical hash marks on either side as the attachment for the cable tray.)
4. Glue end bulkhead E4 to base of E5.
5. Roll E6 into an offset truncated cone, and glue centered to E4.
6. Attach horizontal strips E20 to outside of E1 in six places.
7. Attach 2 vertical cable runs (E19) to side of E1.
8. Attach E18 to two places at bottom of E1. Fold part E17, and glue to blue area on part E18.
9. Roll part E8 into a cylinder. Glue E13 stiffeners to three horizontal blue areas on side of E8, glue cable runs E15 to vertical area on side and glue E14 to bottom of tube.
10. Roll E9 into a cone, shape petals at top into a hemisphere. Attach to top of E8.
11. Glue bulkhead E11 to bottom of E8
12. Roll E10 into a truncated cone at attach base first to bottom bulkhead E11.
13. Attach Assembly steps 9-12 (helium tank) to the side of the booster. Look for the small vertical just left of the roll pattern on the left side if the part E1, about a half inch from the seam. The assembly should mount with the horizontal reinforcement strips matching up with the booster and the helium tank. Glue in place.
14. Glue attachment mounts for tank (E25) to the reinforcement strips on the tank at one end and the booster at the other. Do so for both sides of the tank. Add braces E12 to bottom.
15. Attach the two booster braces E16 to the base of the booster (E1). Fold the brace 90 degrees down at the blue line on the end that attaches to the core vehicle away from the booster.
16. Roll part E7 into a cone. Curl the petals at top into a hemisphere, and attach to top of part E1. Add top of cable raceway to blue area on nosecone next to white circle.
17. Fold part E21 into a flat box and glue just under the brace to the core vehicle. Fold part E22 together and glue to nosecone in indicated area.
18. Fold part E23 at blue line and glue. Insert long end into cone part E10 and short end to booster.
19. Roll parts E26 into a thin tube (or slice into a 1/16 inch strip) and attach to top of booster at nosecone joint.



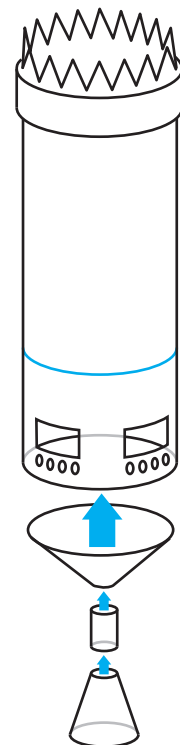
FIRST STAGE

1. Roll B1 into a tube. Use connector to glue edges together.
2. Roll B2 into a tube and glue inside bottom of B1 with bottom edges flush.
3. Glue connector for B1-C1 to inside top of B1, leaving about 1/8 of an inch extended.
4. (Note: if you're not cutting out the blast ports, you may skip this step.) Curl B4 and B5 into cones, and glue B5 on top of B4. Glue assembly inside connector B1-C1 flush with top of B1, about 1/8 of an inch below top of connector. (Careful! Trimming may be necessary.)
5. Fold edges of B6 up at 90° (x4)
6. Glue folded parts to fuselage. (x4)



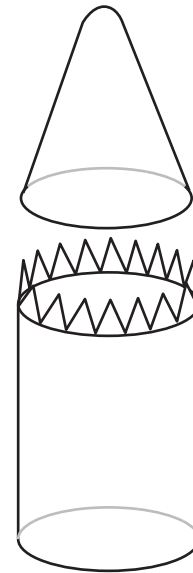
SECOND STAGE

1. If desired, cut out rectangular and oval blast ports at bottom of C1.
2. Roll C1 into a tube. Use connector to glue edges together.
If you choose not to cut out the blast ports, you may skip to step 7.
3. Curl C2 into a cone.
4. Roll C3 into a cone and C4 into a tube. Glue C4 on top of C3.
5. Glue that assembly to apex of C2.
6. Glue complete assembly to inside of C1, about 1.5 inches from bottom. (Careful! Trimming may be necessary.)
7. Glue D2 to top of part C1
8. Layer three parts of C7 on top of each other, flush at the flat bottom. Glue to indicated area on side of C1. (x2)
9. Glue C8 to side of C1. (x2)
10. Glue cable runs C5 and C7 to side of C1.



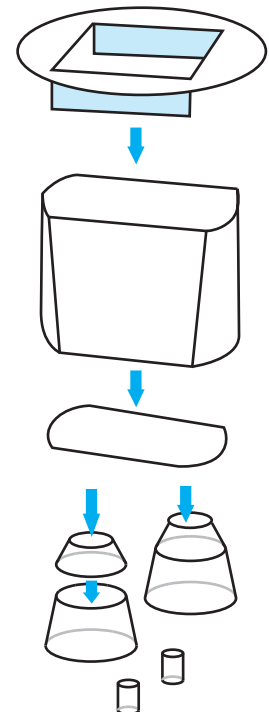
PAYLOAD FARING

1. Roll D1 into a cone. Use connector to glue edges together. curl petals at top inward to form a spherical shape.
2. Using connectors on top of part C1, connect cone to top of 2nd stage/transtage assembly.



ENGINE ASSEMBLY

1. Roll A5 and A6 into truncated cones, and glue A6 to top of A5. Make 2 assemblies.
2. Roll A4 into tube. (2x)
3. Cut out square in center of A1 and fold blue tabs down.
4. Glue ends of heat shield structure A2 together. Curl face of panels indicated, keep other two panels flat.
5. Attach assembled part A2 to part A1. Attach A3 to bottom of A2.
6. Attach engine bells to large black circles, parts A4 to small back circles on bottom of part A3.
7. Glue entire assembly to bottom of first stage, with points aligning with stiffeners on first stage.



FINAL ASSEMBLY

1. Glue second stage to first. Glue payload faring to second stage.
2. Glue cable runners B6, B7, C5 and C6 to outside of first and second stages.
3. Glue boosters to either side of core rocket. I recommend running a toothpick through the core Titan into the booster at the bottom and top of the boosters. Glue bottom fittings to bottom of part A1 just below the stiffeners for the first stage. Attach top connectors to indicated area at top of interstage.
4. You're done! Now download my Titan III and get to work on that.