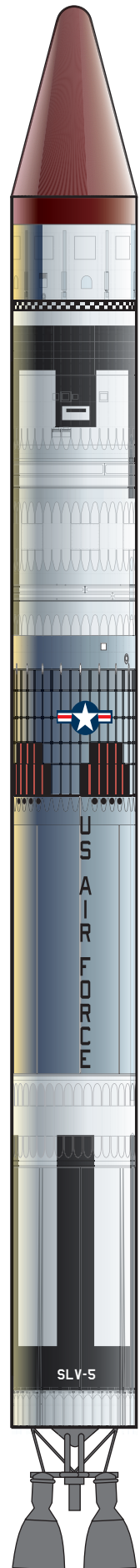


TITAN IIIa

USAF Booster of the 1960's
Paper Model Kit

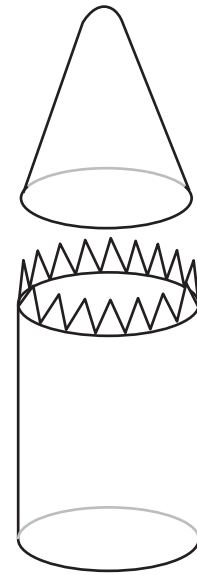
1/96 scale

Copyright 2011, Mark Cable
Permission is granted for individual duplication.



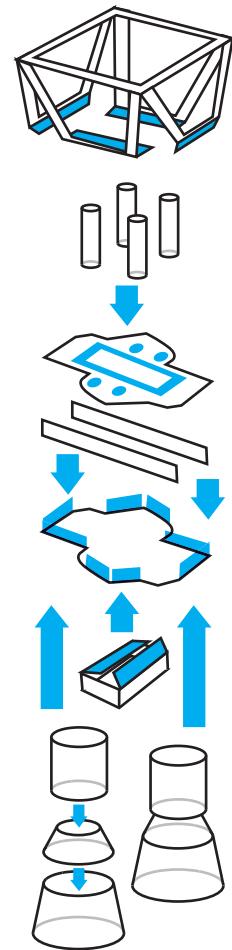
PAYLOAD FARING

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. On part A3, fold blue connector tabs up at 90°. Glue stiffener strips A5 to inside of tab across length of part on each side.
3. Glue A4 to top of stiffener strips.
4. Glue A18 to blue tabs around the sides of the assembly. Trim end to fit.
5. Fold A6 into a box, glue to location on A3.
6. Roll A11 and A12 into tubes. glue to location on part A4. Looking at long edge of A3/4 assembly, part A12 (with rust top) goes on right side.
7. Roll A8 and A9 into tube. Glue A10 around bottom of A9. Glue both finished parts to bottom of A6.
8. Roll A13 into a tube, then glue A19 to top. (x2) Glue both parts to bottom of A6.
9. Roll A7 into a tube, glue A20 to bottom (light grey stripe). Glue dark grey end to A3.
10. Roll A14 and 15 into truncated cones, and glue A14 to top of A15.
11. Glue finished nozzles to combustion chambers A20.
12. Fold engine struts A17 into a truncated pyramid. Glue all 4 sides together, then fold blue tabs under assembly.
13. Glue completed part A17 to part A4 inside of parts A11 and A12. Use blue tabs to attach parts.
14. Attach entire engine assembly to first stage by first inserting parts A11 and A12 into holes in part A1, then attaching square base of A17 to part B3. Points of square should align with fuselage stiffeners, parts B6.
15. Glue A16 to other A16 (ink on outside) and glue point to center of A2, legs to A4.



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.

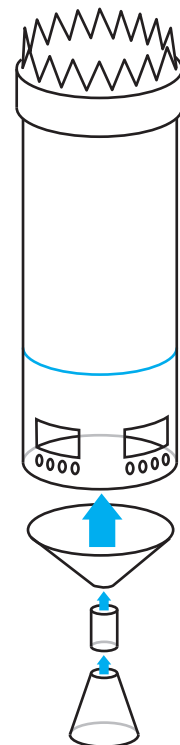
FIRST STAGE

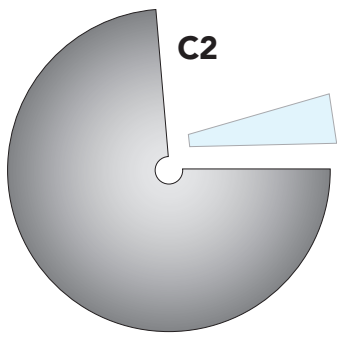
1. Roll B1 into a tube. Use connector to glue edges together.
2. Cut out 4 holes in A1. Curl A1 into a cone. Connect edges with connector. Glue A2 to apex of cone.
3. Roll B2 into a tube and glue inside bottom of B1 with bottom edges flush.
4. Mount A1 inside B1 at top edge of B2. (Careful! Trimming may be necessary.) Be very careful of the orientation of this part.
5. Glue connector for B1-C1 to inside top of B1, leaving about 1/8 of an inch extended.
6. (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.)
7. Fold edges of B6 up at 90° (x4)
8. Glue folded parts to fuselage. (x4)
9. Glue B3 to bottom of B1.



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 D1 to top of part C1
8. Glue C7 to indicated area on side of C1. (x5)



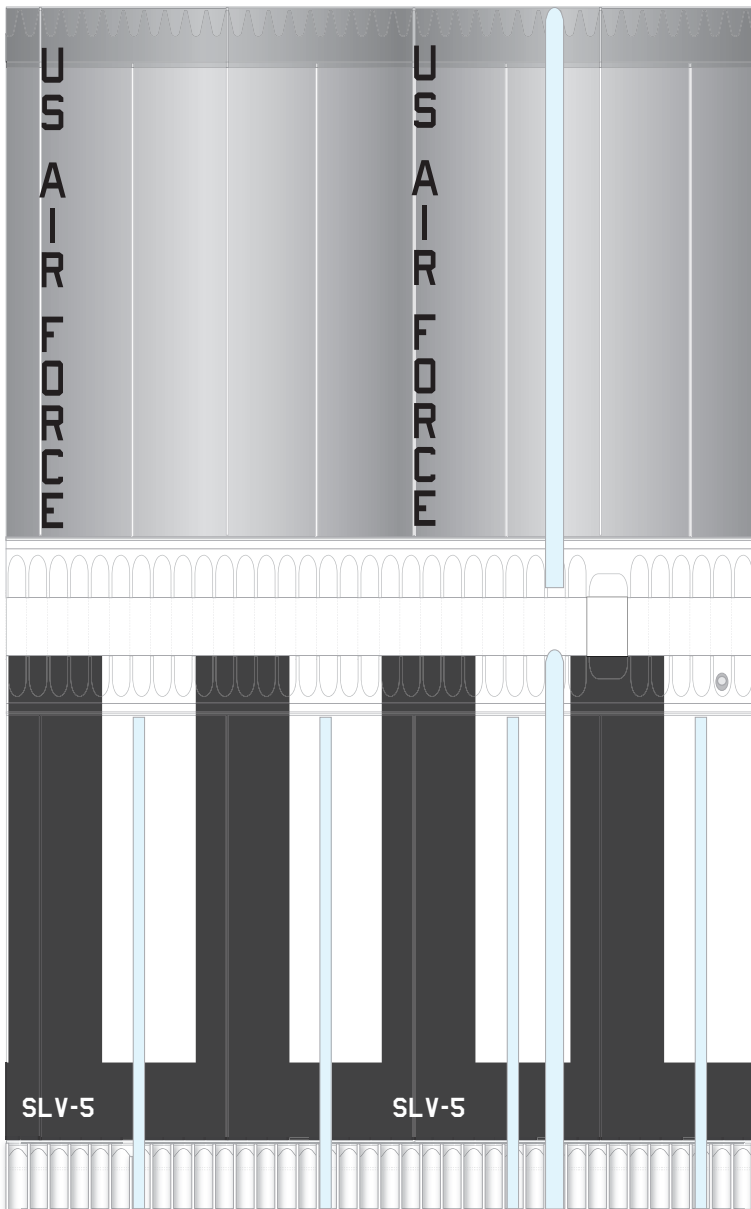
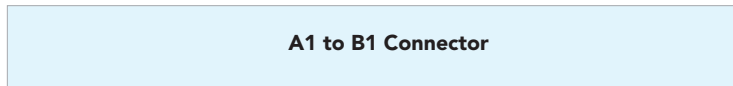


Mount to Card stock

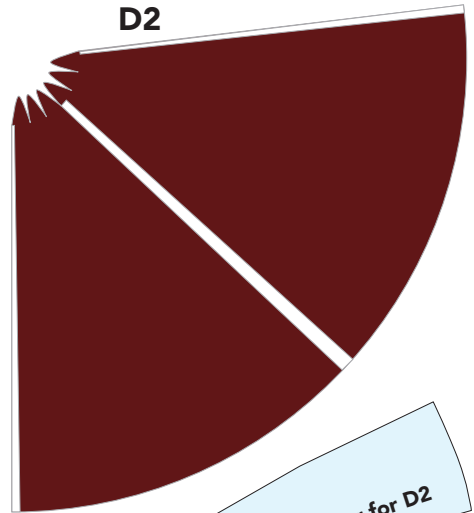
D1



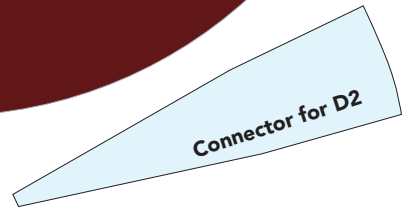
A1 to B1 Connector



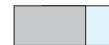
B1



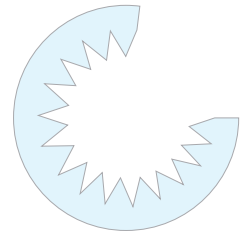
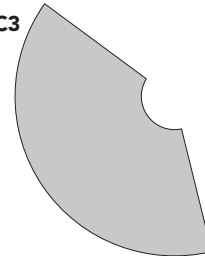
Connector for D2



C4

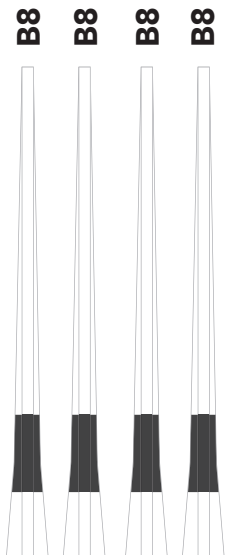
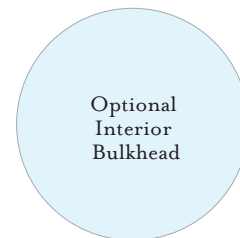
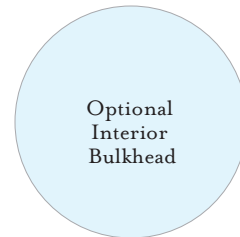


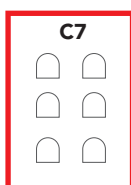
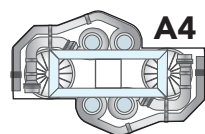
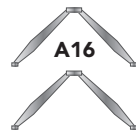
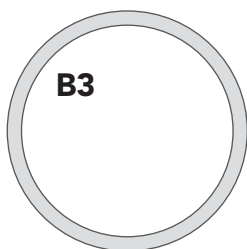
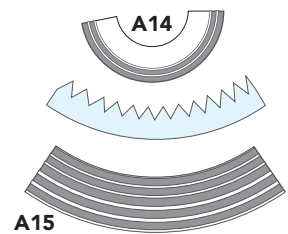
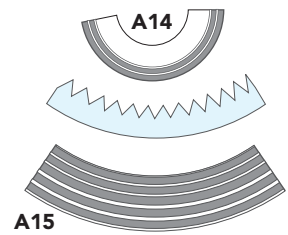
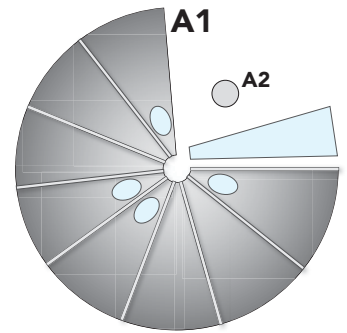
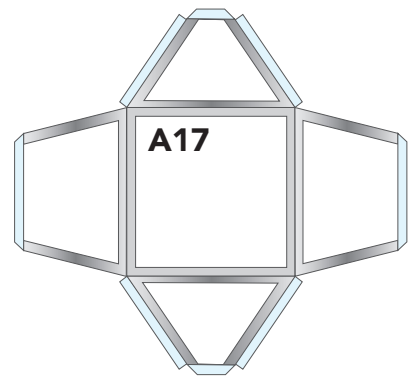
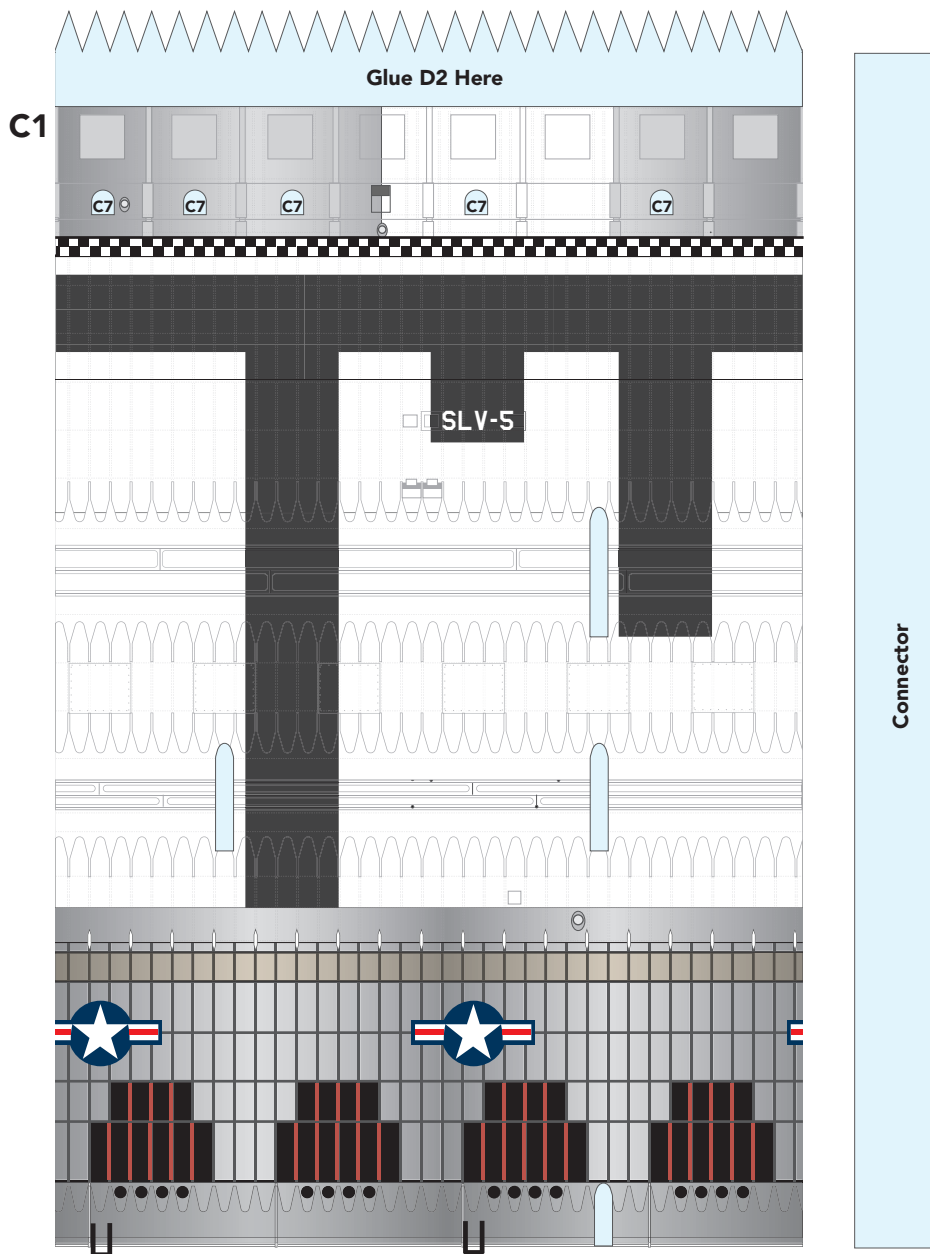
C3



B4 to B5 Connector

Connector





Mount to Card stock

