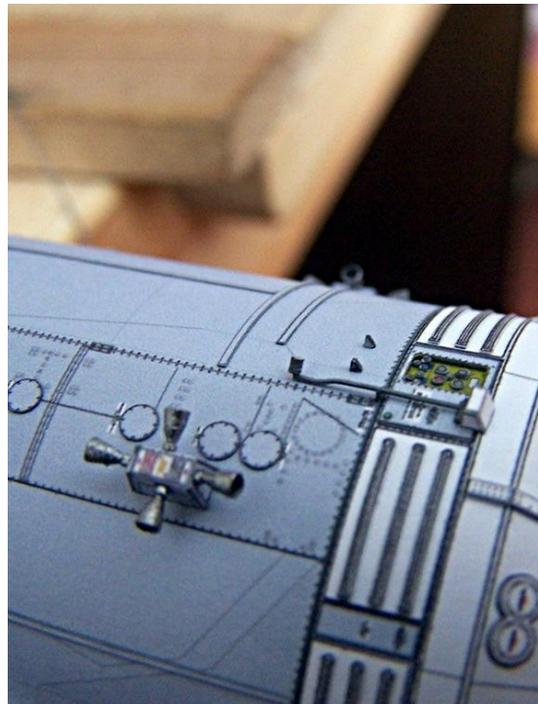
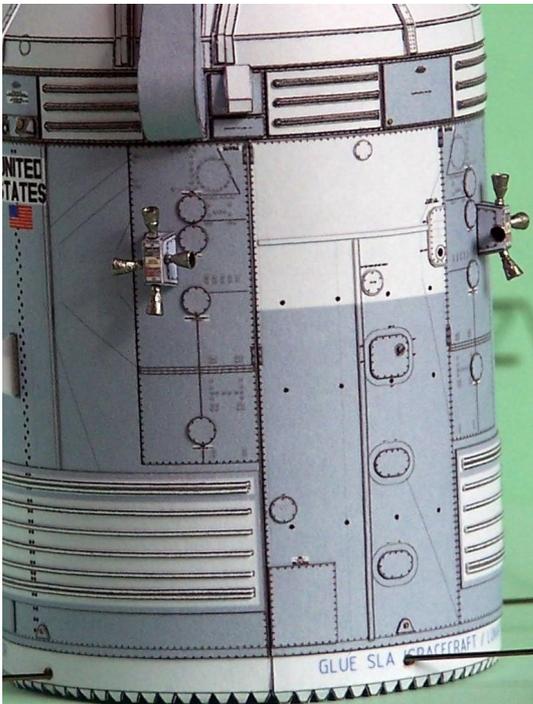


Saturn V SA-506 (Apollo 11)

Service module Instructions

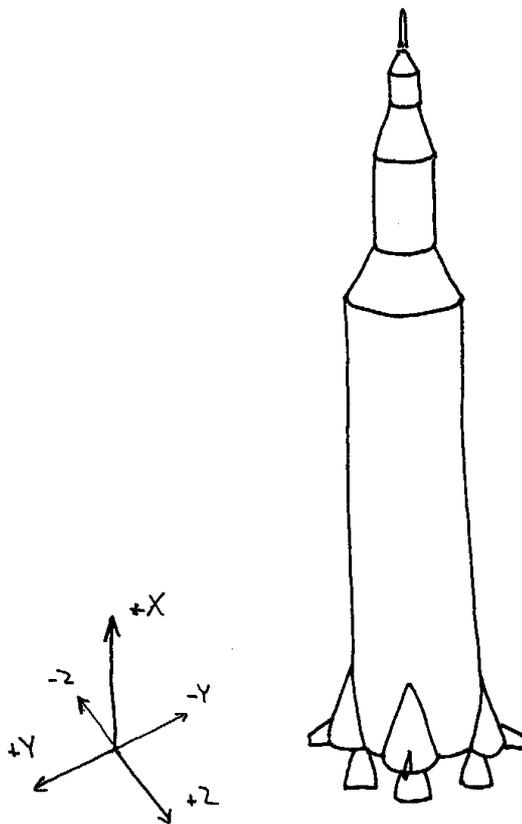


This kit has two sheets, one of them should be printed on 160g paper and the second one to 100g paper. Individual files are:

print_160_04*.*	Front page of 160g sheet
print_160_04Back*.*	Back page of 160g sheet
print_100_04*.*	Front page of 100g sheet
print_100_04Back*.*	Back page of 100g sheet

Every page contains magenta border that should have exact dimensions 190x277mm when printed. Use it to adjust print scale.

Since the Saturn V consist mostly from rotationally symmetric bodies, there is danger of improper relative orientation of model parts. To avoid it, we introduce coordinate system that we will use consistently in whole model. Where necessary, the parts are accompanied with red markers that shows orientation of X and Y axes, so it should be easy to build these parts properly relatively oriented.



1 BACK SIDES OF BOTH 100g & 160g SHEET CONTAINS MARKS DESIGNED TO HELP YOU TO MODEL RIVETS ON SERVICE MODULE (SM) SURFACE. IF YOU PLAN TO USE THESE MARKS, ASSURE GOOD ALIGNMENT BETWEEN FRONT AND BACK SIDE OF THE SHEETS. SURFACE OF SOME PARTS CONTAINS SUBTLE GRAPHICS. DOES NOT REGRET TIME TO FIND BEST WAY TO PRINT IT OUT.

2 RCS NOZZLES WERE THE MOST DIFFICULT PART OF SM MODEL FOR ME. IT'S GOOD IDEA TO START WITH THEM.

79 80s SIMPLIFIED VERSION
79 80 81 FULLY DETAILED VERSION

REPEAT 16x

YOU WILL PROBABLY NEED TO PAINT THE BUILT NOZZLES, AS THE PRINTED COLOR MAY BECOME DAMAGED DURING BENDING.

3

1 2

TRY WELL IF IT FITS INNER OF THE BOTTOM PART OF YOUR BPC MODEL (DOES NOT GLUE, JUST TRY THE FIT)

4

3

TRY AGAIN (WITHOUT GLUEING) FIT WITH BPC

5

FOR FULLY DETAILED VERSION, DOES NOT FORGET TO CUT THE HOLE IN 4. CUTTING THE HOLE IS NOT NEEDED FOR SIMPLIFIED VERSION

4 BPC 1 4

TRY AGAIN (WITHOUT GLUEING) FIT WITH BPC. PART 4 MUST FIT INTO INSIDE OF BPC WHILE PART 4 MUST STAY OUTSIDE

6

PREPARE PARTS 5 + (OPTIONALLY) 6 + 7

FOR SIMPLIFIED VERSION USE ONLY PARTS 5

FOR MORE DETAILED VERSION USE 5 + 6

5 6 7

FOR FULLY DETAILED VERSION USE 5 + 6 + 7

FOR CHOSEN VERSION, REPEAT 8x

7

8s SIMPLIFIED VERSION
1+...+4

9 1+...+4 12 FULLY DETAILED VERSION
10 11 13 14 15 16

8

1+...+4

8s OR 8+...+16 5+6+7 17 5+6+7

9

22 21

10

18s 1+...+4 SIMPLIFIED VERSION
5+6+7 21+22 5+6+7

5+6+7 18 1+...+4 5+6+7 FULLY DETAILED VERSION
19 20 21+22

11

27 26 23

1+...+4 26+27 23 5+6+7 24 25 OPTIONAL 5+6+7

12

1+...+4 28 30

5+6+7 29 OPTIONAL 5+6+7

