



SATURN V



Kmobrain

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Summary

Print your detailed 1:200 scale Saturn V Kit. Easy to print and assemble.

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Support Me

Support my work by subscribing to **my Printable club** to have access to my new model, my first lander, the **Titan 3C**.



UPDATES:

- 17/02/2024
 - Stand redesigned with two versions, AMS/MMU and Multi parts.



Description

The **Saturn V** model is a highly detailed 1:200 scale reproduction of the historic NASA vehicle that flew for **the Apollo program** for the first flight in 1967 for 13 flights. The model consists of several pieces printed separately, which are easy to print and assemble.

The finished model dimensions are approximately **56cm** high and **5cm** wide for the **Saturn V**.

Printing

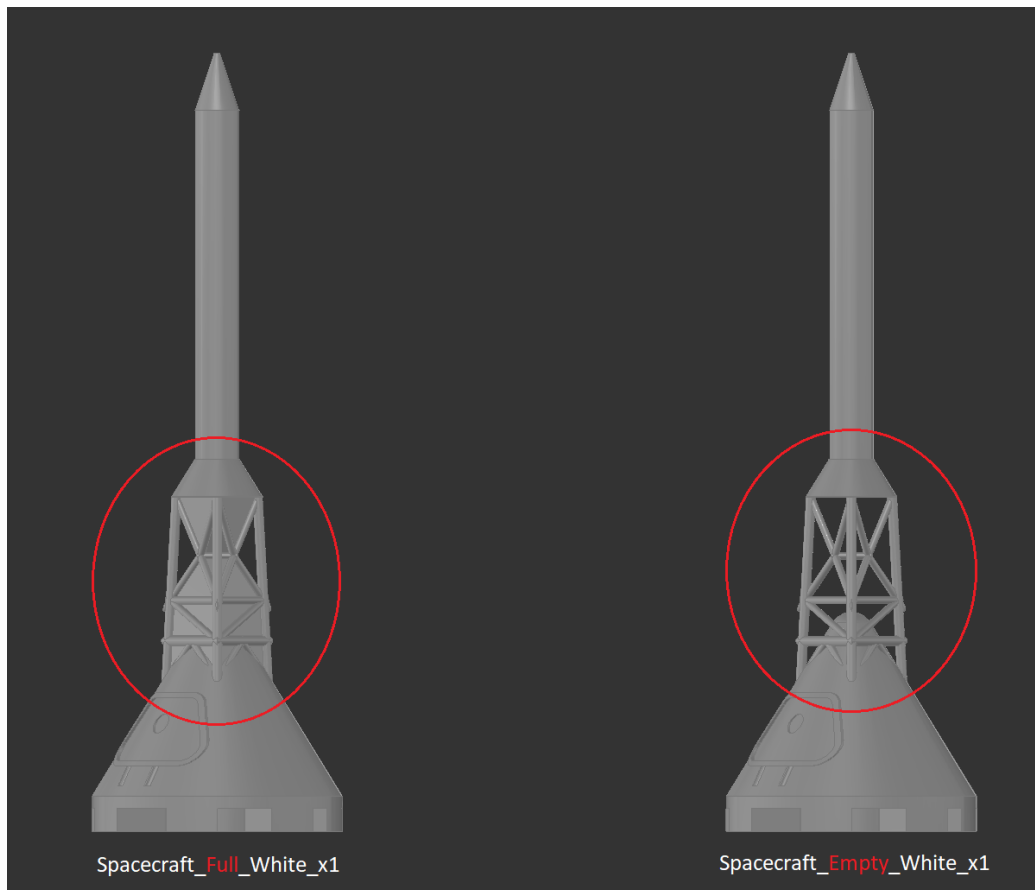
- There are **58 pieces** to print for the **Saturn V**.
- The total printing time for the entire model is approximately **39 hours**.

Choosing your Spacecraft configuration

There are multiple configuration options available for this model, depending on your printing and assembly preferences.

We offer two assembly configurations:

- **Spacecraft_Full_White_x1**: Full tower on the top of the capsule (Simple settings)
- **Spacecraft_Empty_White_x1** : Empty tower on the top of the capsule (Complex settings)



Tips

Settings

- For infill, **10%** is sufficient for a decorative object, and you can also use PrusaSlicer's "**Lightning**" infill settings.
- For some parts, support will be necessary.

Printing

- For a better final result, I recommend printing the **Terminal_Block** last so that you can adjust their size according to your print and have a better fit during assembly.
- If some parts are loose or don't fit, you can change the scale by **+/- 1%** in the slicer to get a better fit.
- The parts are positioned in the optimal direction for printing.
- For the base, it is recommended to print with **4 perimeters** to avoid visible infill.

Post Printing

- You may need to sand the junction areas between the parts for a smoother finish.

- Additionally, I recommend using glue for better strength and durability.
- Use the assembly guide for assembly and printing advice.



Model files



First Stage (S-1C)

13 files



s-1c_engine_fairing_black_x4.stl



s-1c_engine_fairing_white_x4.stl



s-1c_engine_fairing_metal_x4.stl



s-1c_a_red_x4.stl



s-1c_a_white_x4.stl



s-1c_u_red_x4.stl



s-1c_s_red_x4.stl



s-1c_tank_grey_metal_x1.stl



s-1c_tank_black_x1.stl



s-1c_tank_white_x1.stl



s-1c_thrust_structure_black_x1.stl



s-1c_thrust_structure_white_x1.stl



f1_engine_grey_x5.stl



Second Stage (S-2)

3 files



s-2_interstage_white_x1.stl



s-2_interstage_black_x1.stl



s-2_tank_white_x1.stl



Third Stage (S-4B)

9 files



s-4b_aps_white_x4.stl



s-4b_interstage_2_black_x1.stl



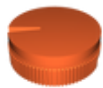
s-4b_interstage_2_white_x1.stl



s-4b_interstage_1_white_x1.stl



s-4b_interstage_1_black_x1.stl



s-4b_instrument_unit_black_x1.stl



s-4b_aps_greymetal_x2.stl



s-4b_tank_white_x1.stl



s-4b_terminal_block_x1.stl

☐ Stage assembly block



Command and Service Modules (CM and SM)

8 files



cm_command_module_black_x1.stl



cm_spacecraft_white_x1_full.stl

☐ Choose SpaceCraft full or empty



cm_spacecraft_white_x1_empty.stl

☐ Choose SpaceCraft full or empty



sm_small_radiator_white_x2.stl



sm_terminal_block_x1.stl



sm_big_radiator_white_x2.stl



sm_service_module_grey_x1.stl

☐ Print With support



lunar_module_white_x1.stl



Stand Multi

9 files



stand_black_x1.3mf



plate_name_black_x1.3mf



s_white_x1.3mf



a_white_x1.3mf



t_white_x1.3mf



u_white_x1.3mf



r_white_x1.3mf



n_white_x1.3mf



v_white_x1.3mf



Stand AMS-MMU

2 files



stand_black_x1.3mf



plate_name_ams_x1.3mf

Other files

print-and-assembly-guide-saturn-5-by-kmobrain.pdf

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