



Apollo 1

Apollo 1 is the official name that was retroactively given to the never-flown **Apollo/Saturn 204 (AS-204)** mission. Its command module (**CM-012**) was destroyed by fire during a test and training exercise on January 27, 1967 at Pad 34 (Launch Complex 34, Cape Canaveral, then known as Cape Kennedy) atop a Saturn IB rocket. The crew onboard were the astronauts selected for the first manned Apollo program mission: Command Pilot Virgil I. "Gus" Grissom, Senior Pilot Ed White and Pilot Roger B. Chaffee.

AS-204 was to be the first manned flight of a command and service module (CSM) to Earth orbit, launched on a Saturn 1B. CM-012, the Apollo 1 command module, was a Block I design built for spaceflight but never intended for a trip to the moon since it lacked the needed docking equipment.

Apollo 1 was meant to be followed by two more Apollo flights in the summer and late autumn of 1967. The first of these would have launched a Block II Apollo CSM on a Saturn 1B along with an unmanned LM on a second Saturn 1B, both ascending to low earth orbit for a CSM-LM rendezvous and docking. The second flight would have launched the CSM and LM together on a Saturn V to high earth orbit. All of these missions were cancelled following the Apollo 1 fire (their mission objectives were later carried out in a somewhat different form by Apollo 7, Apollo 8 and Apollo 9).

The AS-204 mission was scheduled for sometime in the first quarter of 1967, having already missed a target date for the last quarter of 1966. The flight was to test "launch operations, ground tracking and control facilities and the performance of the Apollo-Saturn launch assembly" and would have lasted up to two weeks, depending on how the spacecraft performed. Grissom resolved to keep AS-204 in orbit for a full 14 days if there were any way to do so.

Mission name	<i>Apollo 1</i>
Command Module	CM-012 mass 20,412 kg
Service Module	SM-012
Crew size	3
Booster	Saturn IB SA-204
Launch pad	LC 34 Cape Canaveral Florida, USA
Launch date	21-Feb-67
Landing	7-Mar-67 Atlantic Ocean, north of Puerto Rico
Mission duration	14 days
Number of orbits	~200
Apogee	~300 km
Perigee	~230 km
Orbital period	~89.7 m
Orbital inclination	~31°

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<http://savethelut.com>

Kip Teague, The Project Apollo Image Gallery
http://apolloarchive.com/apollo_gallery.html

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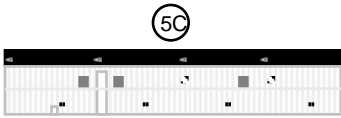
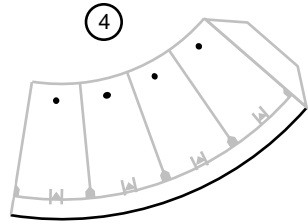
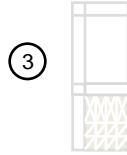
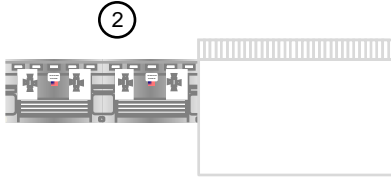
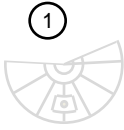
Wikipedia
http://en.wikipedia.org/wiki/Main_Page

And the wonderful folks at the Yahoo LUT Forum

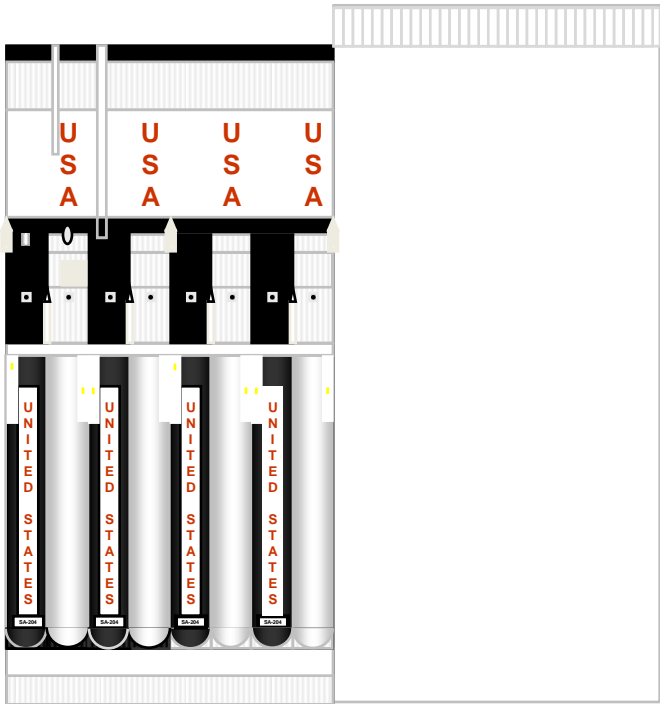


Apollo Historical Series
Saturn 1B
Apollo 1 (SA-204)
1/480th Scale
Print to Bond Paper

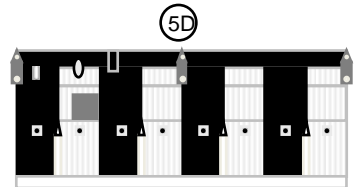
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Glue to Cardstock



5A



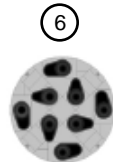
5D



7



5E



6



8A

8B