

# APOLLO SATURN

*A Pictorial History*



CLUB

# SATURN 1-B #SA-205 - FIRST MANNED FLIGHT BOOSTER



HOISTING THE 100,000 LBS. (45,000 KG.) 2ND STAGE OF BOOSTER #SA-205. THE 100,000 LBS. (45,000 KG.) 2ND STAGE OF BOOSTER #SA-205 WAS THE 1ST BOOSTER STAGE TO BE TESTED IN FLIGHT ON A BOOSTER TESTER (BT-10) ON 10/11/67.

THE 100,000 LBS. (45,000 KG.) 2ND STAGE OF BOOSTER #SA-205.

BOOSTER #SA-205, 2ND STAGE, BEING TESTED ON A BOOSTER TESTER (BT-10) ON 10/11/67.



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During operations at the Vehicle Assembly Building, the MLP is mated to the Mobile Launcher Vehicle (MLV) and is moved to the MLP's service bay. The MLP's service bay is a large, open area that allows the MLP to be mated to the MLP's service bay.

At launch, the MLP is mated to the Mobile Launcher Vehicle (MLV) and is moved to the MLP's service bay. The MLP's service bay is a large, open area that allows the MLP to be mated to the MLP's service bay.



The Saturn V rocket is launched from the Vehicle Assembly Building. The rocket is shown in the process of ascending, with a large plume of white smoke and fire trailing behind it. The launch is taking place from the Launch Complex 39.



At the Mobile Launcher Vehicle (MLV) service bay, the MLP is mated to the MLP's service bay. The MLP's service bay is a large, open area that allows the MLP to be mated to the MLP's service bay.

**FIRST STACK SIX MILLION POUNDS 363 FEET HIGH . . .  
CALL IT SATURN FIVE . . . . . THEN MAKE IT FLY!**



The transport air frame for every section of Saturn V is made from aluminum 7075-T6. The outer diameter of each section is 36 feet. The inner diameter is 24 feet. The length of each section is 100 feet. The weight of each section is 100,000 pounds. The weight of the entire Saturn V is 6,000,000 pounds.



Each section of Saturn V is made from aluminum 7075-T6. The outer diameter of each section is 36 feet. The inner diameter is 24 feet. The length of each section is 100 feet. The weight of each section is 100,000 pounds. The weight of the entire Saturn V is 6,000,000 pounds.

The Saturn V is the largest rocket ever built. It is 363 feet high and weighs 6,000,000 pounds. It is made from aluminum 7075-T6. The outer diameter of each section is 36 feet. The inner diameter is 24 feet. The length of each section is 100 feet. The weight of each section is 100,000 pounds. The weight of the entire Saturn V is 6,000,000 pounds.



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SA-501, with Space Shuttle Skylark, is mated to MLP inside the Vehicle Assembly Building.



- ▶ Like a Navy aircraft carrier, the MLP provides a "dry dock" for the rocket. It can be mated to any of the MLP's 12 bays.

Working in the MLP was like the Navy. When the MLP was in the Vehicle Assembly Building, it was like being on a ship. The MLP was divided into 12 bays, each with its own crew and support. Each bay was responsible for a different part of the rocket. The MLP was the "dry dock" for the rocket.



Working inside the MLP was like the Navy. The MLP was divided into 12 bays, each with its own crew and support.



- ▶ Like a Navy aircraft carrier, the MLP provides a "dry dock" for the rocket. It can be mated to any of the MLP's 12 bays.

## 1967 HISTORY OF THE APOLLO-SATURN PROGRAM

The Saturn vehicle program was originally conceived in 1960, to provide the lift and range capability required to launch a lunar lander into Earth orbit which would be in position to return to Earth and launch a 1968 Saturn lunar-lander mission. Following a series of studies, the Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

With Apollo-Saturn program authorization, the Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

In the interim years being discussed, a general concept of lifting to the moon and being launched. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

**Earth Orbit Development:** Approval generally provided for the use of Earth orbit and development of Earth orbit prior to the lunar trip.

**Earth Orbit Development:** The operational approach is outlined in this report. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

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In July 1965, NASA had authorized the program for a lunar landing mission. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

A study within of the Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

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Orbitation of Saturn V (S-IVB) on the pad at Cape Canaveral.

of 1966 for several flights. Approval for the first Saturn flight, Saturn 100, was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

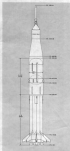
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1966 was approved Saturn flight. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962. The Saturn program was approved by the Saturn Committee in 1962.

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**BASIC DIMENSIONAL DATA**  
**SATURN V**  
**SATURN 1-B**



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