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Prepared by Mike Wright, MSFC Historian
February 25, 2010

Note that the phrases "= 3 million, 2 million, 1.1 million" were added to the original document by Mike Wright

October 25, 1968

MC/R.F. Freitag

MA/Thomas E. Jenkins

Parts count breakdown of the Apollo/Saturn V Space Vehicle

In response to your request of 17 October 1968 for an official estimate of the number of parts used in the Apollo/Saturn Space vehicle the following information is submitted:

1. Saturn V Launch Vehicle - $3 \times 10^6 = 3$ million
2. Command and Service Module including Launch Escape System and the Spacecraft LM Module - $2 \times 10^6 = 2$ million
3. Lunar Module - $1.1 \times 10^6 = 1.1$ million

A part used in this case is defined as any item of hardware which is procured for an end item assembly, as defined by a bill of materials list, - i.e., - end item - subcarrier oscillator, a bill of materials list - transistors, resistors, capacitors, nuts and bolts, washers, circuit boards etc.

Thomas R. Jenkins
Assistant Director
Apollo Program Office

Ref: Saturn V

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October 25, 1968

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1. Saturn V Launch Vehicle - 3×10^6 = 3 million
2. Command and Service Module including Launch Escape System and the Spacecraft LM Adapter - 2×10^6 = 2 million
3. Lunar Module - 1.1×10^6 = 1.1 million

A part as used in this case is defined as any item of hardware which is procured for an end item assembly, as defined by a bill of materials list, i.e., - end item - subcarrier oscillator, bill of materials list - transistors, resistors, capacitors, nuts and bolts washers, circuit boards etc.

15/172 Jenkins
Thomas E. Jenkins
Assistant Director
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