(Clear Text Copy)
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

October 25, 1968
va/a. P. Ereitag


## WVThoman E. Jonkins

Darte count brantiown of tha Apollo/Saturn $\nabla$ Space Vohicla

In response to your recucot of 27 October 1908 for an official cotimnte of tha number of parts used in the Apolio/Saturn Space Velificia tho following information is subaitteds

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2. Comand and Service Moiule inciuding Launch Esçape Syotem and the Spacecraft IM Adapter - $2 \times 10^{\circ}=2$ million
3. Lunar Kocula - $1.1 \times 10^{6}=1.1$ million

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