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March 19, 1958

MEMORANDUM FOR THE DIRECTOR, ADVANCED RESEARCH PROJECTS
AGENCY, OSD

SUBJECT: Air Force Man-in-Space Program

1. The total Air Force "Man in Space" Program toward a mid-1960 operational date is estimated to be as follows:

	<u>FY 59</u>
P-100 (Aircraft & Missiles)	82.0
P-200 (Support)	11.5
P-300 (Construction)	2.5
P-600 (R&D)	<u>37.0</u>
	133.0

2. If the Air Force does not receive the full fund support for the above program the following projects could be progressively undertaken with a resultant delay of the first manned capsule launch from mid-1960 to some future date:

- a. \$16.0 Million - For development of small-animal carrying capsules and components for use in conjunction with TROC-boosted WS-117L launches, starting in November 1958.
- b. \$5.0 Million - For assembly buildings, and launch pad and instrumentation modifications.
- c. \$30.0 Million - For man-size capsule and second stage booster design, development and test, as well as the procurement of support test vehicles.
- d. \$15.0 Million - For fabrication of a small number of capsules, including second stages and boosters.

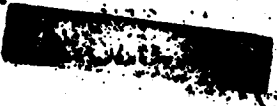
DOWNGRADED AT 12 YEAR
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-  e. \$67 Million - For design, development, test and procurement of capsules, second stages, boosters, and support test vehicles leading to the earliest possible manned space flight.

5/ Malcolm G. Newton
Under Secretary

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