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27 November 1964

**MEMORANDUM FOR:** Chief, Special Projects Section

**SUBJECT:** Weekly Status Report No. 10 on Project FULCRUM.

1. Camera System

A. ITEK - The question arose as to the availability of an appropriate vacuum chamber for the feasibility testing for approximately two weeks in January of certain brassboard measurements. Specifically, Mr. Wolfe was asked in a 25 November twix to provide film scheduling for Itek's DRT chamber during January, upon receipt of which, CIA will establish priorities, if necessary.

On 27 November a twix was sent to Itek asking for a more specific justification for the figures given in their main camera preliminary interface specification. Response date for this twix is 4 December.

B. P. E. - The decision to either accept PE's 20° stereo angle or to hold them to the 30° design criteria was postponed until next week.

C. STL - Mr. Crowley visited Mr. Reeves on 25 November and provided him with Itek's revised camera configuration. STL was directed to concentrate their future efforts more toward specific film transport configurations.

D. RCA - Messrs. Parker and Waters of RCA met with Mr. Dirks on 25 November and agreed that RCA undertake an analytical study of the mechanical configuration and the motion control servos necessary for a film handling subsystem design. \$29,023 was RCA's proposed cost for

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CONTROL SYSTEM ORIGINATOR

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this two-month study involving, in addition to management and consultant personnel, five senior engineers.

**2. Spacecraft**

Mr. McCone on 25 November decided that the spacecraft competition winner should be GE, rather than STL as recommended by SPS.

**3. Recovery System**

A detailed work statement to cover Phase IB is currently being prepared by [ ] for submission to AVCO.

**4. Systems Engineering**

The launch complex and booster specifications, due 30 November, will be presented to Messrs. Maxey, Dirks, McMahon, Crowley, and Dr. Scott during their visit to STL on 2 December.

**5. Interface Aspects**

The scheduled briefing of Dr. McMillan on 24 November, was postponed until 4 December, in view of the fact that the Director, NRO, had "loaded the audience". Specifically, many of the same Air Force officers and Air Force-orientated civilians that are on Dr. McMillan's "Corona Follow-on Review Board" were asked to be present at our briefing without officially informing us that they would be present.

[ ]

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