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16 July 1964

MEMORANDUM FOR: Dr. Wheelon

SUBJECT : ITEK Effort on FULCRUM

1. As of the moment, the only funds available to this Agency for work on FULCRUM is the \$850,000 of year-end funds, compliments of the Agency. You will recall that this \$850,000 was specifically approved for the brassboarding of two approaches to the film handling system at ITEK, as well as a modest effort to prepare the paper design for the optical system. On the other hand, Jack and Les have identified six tasks, which they are particularly desirous of ITEK accomplishing in this Phase I, six-month's effort, namely: (1) the film handling feasibility study; (2) the camera dynamics studies; (3) the optical design; (4) the facility study; (5) camera design, engineering, and mock-up; and finally (6) over-all program analysis. These tasks are, more or less, buried in the \$4.5M which we are now seeking and have sought from the NRO.

2. In order to kick off the program in an orderly fashion and to avoid further delays, I have instructed ITEK to proceed on all tasks as long as possible, with the exception of the optical design which in their last analysis grew to a \$400,000 study. The \$850,000 which we now have should last about two months at ITEK. Jack Maxey is wired in on this, and agrees that we can't do it any other way.

John N. McMahon

*Informed Dr. Wheelon of contents orally on  
21 July 64 following Fulcrum briefing  
of Secretary Vance and Mr. McCane.*

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