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26 February 1965

MEMORANDUM FOR: Chief, Special Projects Staff

SUBJECT: Weekly Status Report No. 23 on Project FULCRUM

1. Camera System

A. ITEK - Messrs. Lindsay, Philbrick, Wolfe, Madden, Morser, Hills, Shannon, Watson, Batchelder, and Robinson attended a dry run of the Evaluation Panel briefing at Headquarters on 21 February. Many inconsistencies and discrepancies still remained in a number of Itek's proposed briefing charts, specifically in the dynamics area. Itek personnel did not respond very favorably to recommended changes in their briefing by Project Office personnel.

On 24 February, the second day of the Evaluation Panel session, Mr. Levison and Mr. Wolfe informed the Chairman, Dr. Land, that the Itek Corporation withdrew its support from the FULCRUM program.

B. P.E. - Progress on the five tasks proved for February appears to be satisfactory.

C. STL - The final report covering the additional film handling effort approved for the month of February is due on 1 March.

D. RCA - RCA's Final Report covering the results of their study through 1 February was received on 26 February.

2. Spacecraft

Messrs. Katzen, Hood, and Petty attended the Evaluation Panel dry-run briefing at Headquarters on 21 February and made all



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necessary modifications to their briefing charts prior to departing late that evening. A 1/8 scale model of the spacecraft was delivered in Boston for the Evaluation Panel briefing and contributed significantly to an understanding of the spacecraft concept during the briefing. The spacecraft model was subsequently delivered to the Project Office at Headquarters.

3. Recovery System

Dr. Berninger and Mr. Cahow attended the 21 February dry-run briefing at Headquarters, and all necessary modifications to Dr. Berninger's briefing were made prior to their departure. It was agreed that Avco would supply a fold-out briefing board of the recovery vehicle cross section for the Evaluation Panel briefing.

4. Systems Engineering

Messrs. Besserer, Grady, Reeves, and Frank attended the 21 February dry-run briefing at Headquarters. In addition to presenting the SEAC briefing material, they participated in the dry-run briefing presented by the other three contractors.

STL submitted by twix on 26 February their estimated cost covering the SEAC effort for the month of March. This amount less an estimated \$25,300 underrun amounted to \$125,715.

5. Interface Aspects

The Evaluation Panel met at Itek on 23 February and was briefed on Project FULCRUM. Details of the presentation are contained in Mr. McMahon's Memorandum for the Record, dated 3 March 1965. The technical feasibility comparisons between the three search systems presented to the Panel will be prepared by Dr. Garwin, and it is anticipated that the Panel's recommendations will be submitted prior to 15 March.

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