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#1400039894

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Copy \_\_\_\_\_ of ██████████

MEMORANDUM FOR: Director of Special Projects

SUBJECT : Contingency Planning for ██████████ Termination

1. This memorandum has been prepared to provide you with the contingency planning data necessary for you to make a quick and meaningful decision in the crisis atmosphere which would be developed should the ██████████ Program, for any reason, be terminated.

2. An immediate reorder of ten (10) CORONA J-3 systems is essential to maintain continuity in the photo reconnaissance coverage. Launch rates for CORONA would be programmed to continue at five (5) per year through fiscal year 1972, and would be programmed for an increase to six (6) per year in FY 1973. Five CORONA launches are insufficient to meet the search and surveillance coverage requirements, but delivery schedules preclude an earlier increase to six (6) per year without endangering program continuity. The total cost for the CORONA reorder is estimated at ██████████ and fiscal year spread sheets are provided in Attachment A. Cost estimates are combined program requirements including Boosters and Agenas.

3. A follow-on or improved CORONA system designed to produce resolution of 4-6 feet over a scan of  $\pm 30$  degrees would be initiated concurrent with the J-3 reorder. This improved follow-on system would be predicated on use of either the Atlas-Agena launch vehicle, or a Thorad (six solid) -Agena launch vehicle for maximum cost effectiveness. Use of ██████████ type redundancy in the Agena is recommended to provide for longer on-orbit lifetime and higher reliability. A minimum of 30 days on-orbit will be used as the design basis. The payload system would contemplate use of a 32" nodal-scan panoramic camera, which allows use of existing CORONA film transport concepts and 70mm film supply. Modifications to the MARK V recovery vehicles are planned to allow for increased film recovery. The estimated cost for development, qualification and production of six flight vehicles is ██████████. The cost breakdown is as follows:

In Accordance with E. O. 12958  
NOV 26 1997

████████████████████  
████████████████████

[REDACTED]

SUBJECT: Contingency Planning for [REDACTED] Termination

- A. Pan Camera (32" nodal-scan)
- B. Recovery Vehicle (Modified MKV)
- C. Payload Spacecraft & Integration
- D. Agena (Including launch support)
- E. Booster (Including launch support)
- F. SI Mapping Camera 12"  
(Including integration)

[REDACTED]

4. Cost figures shown above are based on continuation of the Air Force 12" Mapping Camera contract, and flight of this camera with the follow-on or improved CORONA Program. If this 12" Mapping Camera is also terminated, the three-inch DISIC camera would be flown on the Improved CORONA and cost estimates would be reduced by approximately [REDACTED]. The follow-on program envisions a three-month definition phase followed by a thirty-six month development program. Based on initiation in January 1970, the first launch would be scheduled for April 1973.

5. The cost estimated by fiscal year are contained in Attachment A. Most important in contingency planning is the requirement for an additional [REDACTED] of CORONA funding in FY 1970 should [REDACTED] be terminated, and an increase in the FY 1971 CORONA budget estimates from [REDACTED] to [REDACTED].

[REDACTED]  
D/PRS/OSP

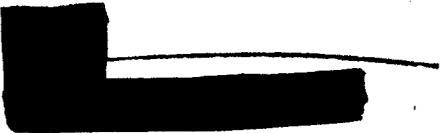
Attachment a/s stated

Distribution:

[REDACTED]

[REDACTED]

[REDACTED]



FY 70

FY 71

FY 72

FY 73

FY 74

Total

CORONA

J-3 Present



J-3 Reorder



Improved System



Total Funding

