

CORONA

14 00004830

Cy
16 APR 1969

MEMORANDUM FOR: Comptroller/DD/S&T

SUBJECT : FY 1970 Financial Program/FY 1971 Budget
Recommendations

Submitted herewith are the original and [redacted] copies
of the CORONA portion of the OSP response to the subject
call.

Signed

[redacted signature block]

Attachment: As Stated

Distribution:

[redacted distribution list]

DD/S&T/OSP/PAD/PPBB/[redacted] (15 Apr 69)

Declassified and Released by the N R C

In Accordance with E. O. 12958

NOV 26 1997

on _____

GROUP 1
Excluded from automatic
downgrading and
declassification

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HANDLE VIA [redacted]
CONTROL SYSTEM ONLY



CORONA

SUMMARY - FY 1970 FINANCIAL PROGRAM/FY 1971 BUDGET RECOMMENDATIONS

	<u>FY 1970</u>	<u>FY 1971</u>
I. CAMERA		
II. SATELLITE RECOVERY VEHICLES		
III. PAYLOAD STRUCTURES & INTEGRATION		
IV. SOFTWARE DEVELOPMENT		
V. CONTINGENCY FOR CHANGES		
GRAND TOTAL, CORONA		

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[REDACTED]

FY 1970 FINANCIAL PROGRAM/FY 1971 BUDGET RECOMMENDATIONS

CORONA

CORONA is a satellite photographic search and surveillance system. The space vehicle, which includes the payload and the AGENA control vehicle, is launched from Vandenberg Air Force Base by a thrust-augmented THORAD booster. The payload consists of two 24-inch focal length stereo panoramic cameras, two re-entry vehicles, and the structure housing these vehicles and mating with the AGENA. The system contains 160 lbs. of film and achieves approximately 10 million square miles of coverage per mission. It is commanded and controlled through the worldwide space tracking network. Recovery of the re-entry vehicles carrying exposed film is generally by air snatch north of Hawaii.

The FY 70/71 Recommendations presented herewith are based upon the following launch schedule:

	<u>FY 69</u>	<u>FY 70</u>	<u>FY 71</u>	<u>FY 72</u>
Launch	7	6	6	0

This schedule reflects launch of the two reserve systems.

We see the need, taking into consideration the current [REDACTED] schedule and possibility of CORONA failures, of both reserve systems being launched. However, if it is elected not to fly the last two systems in the fourth Quarter, support costs could be reduced as follows:

ITEK	-	[REDACTED]
G.E.	-	[REDACTED]
LMSC	-	[REDACTED]

The FY 1970 estimates do not take into consideration a substantial carryover presently forecasted for FY 1969 funds. FY 1970 approvals can be adjusted to reflect the 30 June obligations as in prior years.

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Your attention is invited to the LMSC estimates for FY 70/71 which reflect a new breakdown by category of effort as contrasted to individual contracts as shown in past years. It is our plan to maintain the LMSC A/P facility on a level of effort basis as opposed to individual incentive contracts. This conversion is necessitated by the need to maintain a fixed facility, appropriate personnel to operate it, and to assure system reliability over a lengthy period. Because of security problems, it is not practical to release personnel or reduce facilities needed to maintain this capability, which is contrary to practices normally employed under a cost-incentive contract. Our FY 1970 Status of Funds Report will reflect these stub breakdowns under a single contract.


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CORONA



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CORONA PAYLOAD

- LAUNCH SCHEDULE -

<u>Fiscal Year</u>	<u>Jul</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>
<u>1969</u>											
Mission		1104	1048		1105	1049		1106	1050		1051
Payload		CR-4	J-49		CR-5	J-50		CR-6	J-43		J-44
<u>1970</u>											
Mission	1107		1052		1108		1109		1110		1111
Payload	J-46		CR-7		CR-8		CR-9		CR-10		CR-11
<u>1971</u>											
Mission	1112		1113		1114		1115*				
Payload	CR-12		QR-2		CR-13		CR-14				

*Two reserve systems, CR-15 and CR-16, will be available for launch if needed after Mission 11

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[REDACTED]

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[REDACTED]

FY 1970

FY 1971

I. CAMERA - ITEK

Contract No. [REDACTED]

- . J-3 Data Reduction & Analysis
- . Test Program
- . Film Deformation

Subtotal, [REDACTED]

[REDACTED]

[REDACTED]

Contract No. [REDACTED]

- . Field Service
- . J-3 Support
- . Storage
- . Close out and Sustaining Engineering
- . Refurbishment of Supply Spools

Subtotal, [REDACTED]

Subtotal, ITEK

[REDACTED]

[REDACTED]

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CORONA

[REDACTED]
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CORONA
(\$ millions)

FY 1970

FY 1971

II. SATELLITE RECOVERY VEHICLE - G.E.

Contract No. [REDACTED]

- . Hardware
- . Support
- . Contingencies

Subtotal, G.E.

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

III. PAYLOAD STRUCTURES & INTEGRATION - LMSC

Contract No. [REDACTED]

- . Program Office
- . Administration & Controls
- . Engineering Integration & Ops. Anal.
- . Manufacturing & Testing
- . Quality Assurance
- . Sunnyvale Support

Subtotal, LMSC

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

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[REDACTED]

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CORONA
(\$ millions)

FY 1970

FY 1971

IV. SOFTWARE DEVELOPMENT - [REDACTED]

Continued development of operational software for [REDACTED]

[REDACTED]

-0-

V. CONTINGENCY

Provision for engineering changes.

[REDACTED]

[REDACTED]

Total, CORONA

[REDACTED]

[REDACTED]

CORONA