



8

CR-1 COMPATABILITY TEST RERUN SCHEDULE

- 3 July AP receive 1 each resistor modified power supply, and 1 each inductor modified power supply
- 11 July CR-1 hook-up for compatability test at Sunnyvale
- 13 July CR-1 enter High Vacuum Orbital Simulator for 5-6 days thermal-vacuum test
- 21 July On block at AP for resolution test
- 5 August Start light leak test
- 9 August Start flight preparation
- 29 August Earliest predicted launch readiness

Declassified and Released by the NRC

In Accordance with E. O. 12958
NOV 26 1997.

on _____

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JUNE 1967

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REPRODUCTION
OF THIS DOCUMENT IS PROHIBITED

CORONA PAYLOAD

- LAUNCH SCHEDULE -

<u>Fiscal Year</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>
<u>1967</u>												
Flight	-	J-32	J-36 PG-1		J-38 PG-2		J-34	J-39	J-35		J-40	J-37
Reserves	6	6	6	6	7	7	7	7	7	7	6	6
<u>1968</u>												
Flight	J-42 PG-3	CR-1	J-41	CR-2	J-43		J-45 PG-7	CR-3	J-44	J-16 PG-8	CR-4	
Reserves	6	6	6	6	6	6	6	6	6	6	6	6
<u>1969</u>												
Flight	CR-5	J-47 PG-9	CR-6	J-48	CR-7		J-49	J-50		CR-8	CR-9	
Reserves	7	7	7	6	6	6	6	6	6	6	6	6
<u>1970 - Option II</u>												
Flight	CR-10	CR-11		CR-12	QR-2		CR-13	CR-14		CR-15	CR-16	
Reserves	6	6	6	5	4	4	3	2	2	1	0	0
<u>Option I</u>												
Flight	CR-10	CR-11		CR-12	QR-2		CR-13	CR-14				
Reserves	5	4	4	3	2	2	1	0				



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HANDLE VIA [REDACTED]
CONTROL SYSTEM ONLY

[REDACTED]

CORONA FY-1969

The CORONA will continue in operation during Fiscal Year. It is planned to launch nine (9) operational payloads under either Options I or II. Operational configuration include both J-3 and the last of the J-1 systems.

Procurement of follow-on systems (two or four) under Options I and II will respectively continue and the Budget estimates include full funding for either Option.

The estimates also include an amount for System Analysis at Itek as a continuing effort of the program initiated in FY-1968.

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HANDLE VIA [REDACTED]
CONTROL SYSTEM ONLY

HANDLE VIA [REDACTED]
CONTROL SYSTEM ONLY

[REDACTED]

CORONA
[REDACTED]

FY-1969 BUDGET SUMMARY (OPTION I)

I	Camera	[REDACTED]
II	Recovery Vehicles	[REDACTED]
III	Payload Structures and Integration	[REDACTED]
IV	Contingency	[REDACTED]
	TOTAL CORONA FY-1969 (Option I)	[REDACTED]

FY-1969 BUDGET SUMMARY (OPTION II)

I	Camera	[REDACTED]
II	Recovery Vehicles	[REDACTED]
III	Payload Structures and Integration	[REDACTED]
IV	Contingency	[REDACTED]
	TOTAL CORONA FY-1969 (Option II)	[REDACTED]

HANDLE VIA [REDACTED]
CONTROL SYSTEM ONLY

HANDLE VIA
CONTROL SYSTEM ONLY

CORONA

FY-69
Requirement

OPTION I

I CAMERA

- A. Itek -- Field Service and test support for tests and operation plus spares of 13 1/2 J-3 cameras including calibration \$
- B. Funding for two (2) additional systems which includes support of ETL, calibration and engineering support
- C. Engineering support of J-1 Program thru completion

Sub-total Camera

D. Improvements:

(1) ~~Systems~~ Analysis

Sub-total Improvements

TOTAL Camera FY-1969

HANDLE VIA
CONTROL SYSTEMS

CORONA

FY-69
Requirement

SECTION I

II Recovery Vehicles

A. Funding to continue post production support, spares, refurbishment and stretch out of 26 vehicles under contract \$

B. Funding for two (2) additional vehicles

Total Recovery Vehicles FY-1969



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[REDACTED]

[REDACTED]

HANDLE VIA
CONFIDENTIAL SOURCE

CORONA

[REDACTED]

FY-69
Requirement

SECTION I

III Payload Structure and Integration

- A. Funds required to complete J-3 systems through 12 and refurbishment of qual unit \$ [REDACTED]
- B. Payload Integration and Operations Analysis [REDACTED]
- C. Additional funds required for two (2) additional follow-on systems [REDACTED]

TOTAL Payload Structures and Integration FY-1969 [REDACTED]

[REDACTED]

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CORONA

FY-69
Requirement

OPTION I

Contingency

A. Estimated contingency funds for
engineering changes, studies, analyses and
software changes attributed to the J-3
configuration

Total Contingency FY-1969

TOTAL CORONA, FY-1969 (Option I)



CONFIDENTIAL

CORONA

FY-69
Requirement

I CAMERA

- A. Field service and support for test, calibration and operation plus spares for 13½ J-3 cameras \$
- B. Funding for four (4) additional systems including test, calibration, and engineering support
- C. Support of J-1 program through completion

Sub-total Camera

D. Improvements:

(1) *[Signature]* Analysis

~~Sub-total Improvements~~

TOTAL Camera FY-1969

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[REDACTED]

[REDACTED]

RECOVERED FROM
COMMUNIST SPYING CASE

CORONA

[REDACTED]

FY-69
Requirement

Over (I)

II Recovery Vehicles

A. Funding to continue post production support, spares, refurbishment of 801/802 and stretch out of 26 vehicles under contract \$ [REDACTED]

B. Funding for four (4) additional vehicles [REDACTED]

Total Recovery Vehicles FY-1969 [REDACTED]

[REDACTED]

REF ID: A64111
Control No. 100-100000

CORONA

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FY-69
Requirement

III Payload Structures and Integration

- A. Funds required to complete J-3 systems \$ [REDACTED]
- B. Payload integration and quality assistance follow-on [REDACTED]
- C. Additional funds required for four (4) additional follow-on systems [REDACTED]

TOTAL Payload Structures and Integration FY-1969 [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

HANDLED VIA [REDACTED]

CORONA

FY-69
Requirement

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IV Contingency

- A. Estimated contingency funds for engineering changes, studies, analyses and software changes attributed to the J-3 configuration

Total Contingency FY-1969

TOTAL CORONA, FY-1969

[REDACTED]
[REDACTED]

[REDACTED]

[REDACTED]

CORONA

Fiscal Years 1970-1973

The CORONA will phase out in Fiscal Year 1970. Under Option I, six (6) operational launches are planned and under Option II, eight (8) operational launches are planned. All payloads will be in the J-3 Configuration. The budget estimates for FY-1970 include amounts for field service, engineering support, spares, and phase out costs.

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CONTROL SYSTEM ONLY

CORONA

Fiscal Years 1970-1973

	FY-1970	FY-1971	FY-1972	FY-1973
<u>Option I</u>				
I Camera Field Services, Engineering Support and Spares	[REDACTED]	-0-	-0-	-0-
II Recovery Vehicles - Field Services, Engineering Support and Spares	[REDACTED]	-0-	-0-	-0-
III Payload Structures and Integration - Field Services, Engineering Support and Phase Out	[REDACTED]	-0-	-0-	-0-
IV Contingency	[REDACTED]	-0-	-0-	-0-
TOTAL - (Option I)	[REDACTED]	-0-	-0-	-0-

[REDACTED]

HEADLINE ONLY
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CORONA

Fiscal Years 1970-1973

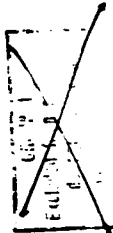
	<u>FY-1970</u>	<u>FY-1971</u>	<u>FY-1972</u>	<u>FY-1973</u>
I CORONA -- Field Services, Engineering Support and Spares	[REDACTED]	-0-	-0-	-0-
II Recovery Vehicles - Field Services, Engineering Support and Spares	[REDACTED]	-0-	-0-	-0-
III Payload Structures and Integration - Field Services, Engineering Support and Phase Out	[REDACTED]	-0-	-0-	-0-
IV Contingency	[REDACTED]	-0-	-0-	-0-
TOTAL - (Option II)	[REDACTED]	-0-	-0-	-0-

1981



CORONA SYSTEM STATISTICS THROUGH APRIL 1967

System	Launch Attempts	Achieved Orbit	Recovered	Instruments Operated	Remarks
C	10	6	1	3	Instrument operated on system recovered
C ^I	10	6	4	6	
C ^{III}	6	5	4	5	
Mural	26	24	20	24	9033 - Chute ejector squibs failed to fire - reentry system failed 9039 - Instrument operated 14% of time 9036 - Chute tore - capsule lost 9049 - Chute tore - capsule lost 9061 - Capsule did not eject properly - lost 8002 - Instrument could not be commanded on due to AGENA command system failure 8003 - Instrument operated through rev. 23
Lanyard	3	2	2	1	
Argon	12	9	6	7	9014 - Instrument Orbital Programmer failed and instrument failed - no recovery 9016 - Instrument operated - loss of control gas precluded recovery 9042 - Chute tore loose during recovery - lost



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System	Launch Attempts	Achieved Orbit	Recovered	Instruments Operated	Remarks
J-1	40	38	A35 B33	A36 B34	1001 - Lost B - vehicle failure 1002 - Lost B - command decoder failure - Instrument operated first half of mission 1005 - Lost A and B - AGENA power failure - slave instrument failed 1011 - Lost B - vehicle battery failure 1013 - Instrument failed on rev. 52 1019 - Lost B - vehicle command system failure 1021 - Instrument failed 2/3 way through B bucket - film pulled out of rails 1023 - B instrument intermittent 1027 - During B part of mission the vehicle timer failed 1031 - During B part of mission the slave instrument failed
	42 - COR				
	52 -		29		
	40		35 33		

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