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SPECIFICATION CHANGE NOTICE NO. 2

Program: J-1	Supersedes: Rev. No. E Paragraph No. Page No.	Date: File Opposite Spec Page No.
Spec. No. T3-5-019B		

Effectivity: Original Design

Initiated by: [redacted] Date 5-10-66

Reason for Change: System Requirements Increase

APPROVALS:

[redacted] 5-11-66 Date

5-16-66 Date

[redacted] 5-17-66 Date

Resident Office

PAGE	PARA.	CHANGE
1	3.2.1	Connector Type Change Is: PT06E-20-[redacted] Was: PT06E-16-[redacted] Add to Pin A "Minimum Width" Add to Pin D "Maximum Width"
2	3.2.1	Add the following pins: d Slit width fail safe No. 1 reset e Slit width fail safe No. 2 reset f [redacted] g Spare h Spare i Spare j No Connection k " " m " " n " " p " " q " " r " "

TOP SECRET [redacted]

TOP [redacted]

CHANGE:

PAGE	PARA.		CHANGE
2	3.2.1		s No Connection t No Connection
2	3.2.1		Add the following notes: "E & G will be connected at the Boston Interface." * "F & H will be connected together and joined with the unregulated return at the Boston Interface. ~~will be isolated from all vehicle power returns on the IMSC side of interfac~~
3	3.2.2		Add Note: "A, C, E & G will be tied common in the instrument electrical junction box"
3	3.2.3		Pin P is: Slit width fail safe monitor was: Spare. Pin d is: Cycle counter, slit width position mon & filter position Mon. Excitation (+ 5 VDC). was: Cycle counter excitation (+ 5 VDC) * Pin e is: Cycle counter &, slit width fail safe monitor & Launch mode monitor return.
4	3.2.3		* Pin j Delete Pin DD, M * Pin CC Delete Pin g & GG Pin GG is: Position monitor common for g & DD was: Spare Pin FF change from "T/M ret for EE" to "Spare" Pin HH is: Film change monitor was: Spare
5	3.2.4		Pin P is: Slit width fail safe monitor was: Spare Pin d is: Cycle counter, slit width position mon. & filter position mon. excitation (+ 5 VDC) was: Cycle counter excitation (+ 5 VDC)

TOP SECRET [redacted]

CHANGE:

PAGE	PARA.	CHANGE
5	3.2.4	* Pin e is: Cycle counter & slit width fail safe monitor & launch mode monitor return.
		was: Cycle counter return
		* Pin j Delete Pin DD ,N
		* Pin CC Delete Pin g & GG
6	3.2.4	Pin GG is: Position monitor common for g & DD
		was: Spare
		Pin HH is: Film change monitor
		was: Spare
6	3.2.5	Pin A is: #2 T/U shunt A SRV
		was: #2 T/U control voltage, Ascent Mode
		Pin B is: #1 T/U shunt A SRV
		was: #1 T/U control voltage, Ascent mode
		Pin F is: #2 T/U shunt B SRV
		was: #2 T/U control voltage, C/W mode
		Pin J is: #1 T/U shunt B SRV
		was: #1 T/U control voltage, C/W mode
7	3.2.6	Pin S is: Column 6 drive (spare)
		was: Data 3 column select
		Pin T is: Column 5 drive (spare)
		was: Data 4 column select
		Pin U is: Column 4 drive (Disic Operate)
		was: Data 5 column select
		Pin V is: Column 3 drive (Time Compliment &Pari
		was: Data 2 column select

CHANGE:

PAGE	PARA	CHANGE
7	3.2.6	Pin W is: Column 2 Drive (Time & Parity) was: Data 1 column select Pin X is: Column 1 drive (Index) was: Index column select
7	3.2.6	Add Column Describing SLP Pins

		SLP Connector
Pin S	Column 6	- UU
T		- TT
U		- SS
V		- RR
W		- PP
X		- NN
Y	200 FPS	
Z	No. 1 INT.	
a		- A
b		- B
c		- C
d		- D
e		- E
f		- F
g		- H
h		- J
i		- K
j		- L
k		- M
m		- N
n		- P
p		- R
q		- S
r		- T
s		- U
t		- V
u		- W

TOP SECRET [redacted]

CHANGE:

PAGE	PARA.	CHANGE	SLP CONNECTOR
7	3.2.6 (Cont'd)	Pin v	-X
		w	-Y
		x	-Z
		y	-AA
		z	-BB
8		AA	-CC
		BB	-DD
		CC	-EE
		DD	-FF
		EE	-HH
		FF	-JJ
		GG	-KK
		HH	-LL
8, 9	3.2.7	Same as changes for Pages 7, 8, Para. 3.2.6	
10	3.2.8	Pin Z is: #1 T/U shunt was: #1 T/U control Voltage, Ascent mode Pin c is: #2 T/U shunt was: #2 T/U control voltage, Ascent mode	
10	3.2.9	Same as changes for para. 3.2.8	
11	3.2.10	Change "No connection" to read "20 AWG single unshielded" for Pins E, F, G, H, J and K	
12	3.3.1.2.2	Delete sentence under output impedance.	
16	3.4.1.4	Delete the sentence "The No. 1 and No. 2 operate commands will be energized for 30 seconds coincident with "A" to "B" transfer command."	
17	3.4.1.5	Delete the following sentence: "Pins F & H, V/h voltage return shall be isolated from the unregulated return."	

TOP SECRET [redacted]

TOP SECRET [redacted]

CHANGE:

PAGE	PARA.	CHANGE
17	3.4.1.7	is: 5 second long pulse was: 15 second long pulse
Add	3.4.1.10	Exposure Control No. 1 (P1001-A) Exposure Control No. 2 (P1001-B) Exposure Control No. 3 (P1001-C) Exposure Control No. 4 (P1001-D) "Open Item"
Add	3.4.1.11	Slit Width Fail Safe, No. 1 (P1001-[illegible]) Slit Width Fail Safe, No. 2 (P1001-[illegible]) "Open Item"
Add	3.4.1.12	Slit Width Fail Safe Reset, No. 1 (P1001-d) Slit Width Fail Safe Reset, No. 2 (P1001-e) "Open Item"

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TOP SECRET [redacted]

TOP SECRET [redacted]

CHANGE:

PAGE	PARA.	CHANGE
Add	3.4.1.13	Filter Control Back-Up, No. 1 (P1001-J) Filter Control Back-Up No. 2, (P1001-a)
		"Open Item"
18	3.5.1	Add "f) Intermediate Roller Rotation"
19	3.5.3	Change paragraph to read "The monitor output shall be a potentiometer with a resistance of 5,000 ohms ± 10%. Approximately four fifths (4/5) of the total potentiometer available excursion shall be utilized to cover the full range of available slit positions. Instruments shall be so wired to display minimum voltage for minimum slit position.
21	3.5.9	Change "Wired" to "wired" in next [redacted] last line. Change pin j to a.
21	3.5.10	a) is: Drive motor voltage A was: Servo amp. output voltage c) is: Drive Motor Voltage B was: Drive Motor Voltage
Add	3.5.14	Filter Position Monitor (P1004 & P1005-DD) The monitor shall be a potentiometer with a resistance of 5,000 ohms ± 10%. Approximately four fifths (4/5) of the total potentiometer available excursion shall be utilized to cover the full filter excursion.
Add	3.5.10	i) Take up motor voltage Mon. Pin G & P

TOP SECRET [redacted]

TOP SECRET [redacted]

CHANGE:

PAGE	PARA.	CHANGE
Add	3.5.15	Slit Width Fail Safe Monitor (P1004 & P1005-P) The slit width fail safe monitor shall indicate the presence of the fail safe command. Pin P will be shorted to Pin e (cycle counter and slit width fail safe mon. return) when the device is electrically reset. (Normal operating condition)
Add	3.5.16	Film Change Monitor (P1004 & P1005-HH) "Open Item"
Add	3.6.3	Film Direction of C.R. is not per C70036, Rev. A.

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* Per Telecon - [redacted] 5/13/66

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