



FLIGHT REQUIREMENTS LIST: The following settings/requirements are specified for the 1162-J1 payload. This document must be completed and submitted to Dept. 60-68 on R-5 day.

COMMAND SELECTOR SETTINGS:

COMMAND	4	8	9	10	11	12	15
STEP	3	4	11	6	1	11	4

PANORAMIC LENS SETTINGS:

	<u>Instrument No. 1 (Master)</u>	<u>Instrument No. 2 (Slave)</u>
Slit Dimensions	<u>0.200 X 2.278 Inch</u>	<u>0.200 X 2.278 Inch</u>
Filter Type	<u>Wratten 21</u>	<u>Wratten 21</u>

NOTE: SLIT LENGTH AND WIDTH MUST BE MEASURED AT TIME OF INSTALLATION

Measured by _____

Verified by _____

HORIZON OPTICS SETTINGS:

	<u>Instrument No. 1 (Master)</u>	<u>Instrument No. 2 (Slave)</u>
Supoly Horizons:		
Aperture	<u>F 6.8</u>	<u>F 6.8</u>
Speed	<u>1/100 Sec.</u>	<u>1/100 Sec.</u>
Filter	<u>Wratten 25</u>	<u>Wratten 25</u>
Take-up Horizons:		
Aperture	<u>F 6.8</u>	<u>F 6.8</u>
Speed	<u>1/100 Sec.</u>	<u>1/100 Sec.</u>
Filter	<u>Wratten 25</u>	<u>Wratten 25</u>

STELLAR INDEX OPTICS SETTINGS:

Declassified and Released by the NRO

	<u>Stellar Index A</u>	<u>Stellar Index B</u>
Stellar Lens: In Accordance with E. O. 12958		
Aperture on <u>NOV 26 1997</u>	<u>F 1.9</u>	<u>F 1.9</u>
Speed	<u>2 Sec. *</u>	<u>2 Sec. *</u>
Filter	<u>NONE</u>	<u>NONE</u>

*Shutter setting should be in bulb position giving an exposure time equal to cycle period of master instrument.

FLIGHT REQUIREMENTS LIST Continued
 STELLAR INDEX OPTICS SETTINGS:

Revision A.

Index Lens:	<u>Stellar Index A</u>	<u>Stellar Index B</u>
Aperture	<u>F 4.5</u>	<u>F 4.5</u>
Speed	<u>1/500 Sec.</u>	<u>1/500 Sec.</u>
Filter	<u>Wratten 21</u>	<u>Wratten 21</u>

FILM NOMENCLATURE:

Panoramic Instruments:

	<u>Instrument No. 1 (Master)</u>	<u>Instrument No. 2 (Slave)</u>
Primary:		
Type	<u>7J23-16000</u>	<u>7J23-16000</u>
Emul. Data	<u>31-9-10-5-3</u>	<u>31-10-5-3</u>
Wt. & Spool No.	<u>91.5-81.5-48-10B</u>	<u>91.0-81.5-48-16T</u>
Box No.	<u>2</u>	<u>2</u>

Secondary:

Type	<u>7J23-16000</u>	<u>7J23-16000</u>
Emul. Data	<u>31-7-5-3</u>	<u>31-7-5-3</u>
Wt. & Spool No.	<u>91.2-81.7-48-12B</u>	<u>91.8-82.5-48-17T</u>
Box No.	<u>6</u>	<u>6</u>

Stellar Index:

	<u>Stellar Index A</u>		<u>Stellar Index B</u>	
	<u>Stellar</u>	<u>Index</u>	<u>Stellar</u>	<u>Index</u>
Primary:				
Type	<u>3J34-75</u>	<u>7J33-135</u>	<u>3J34-75</u>	<u>7J33-135</u>
Emul. Data	<u>2-3-5-3</u>	<u>9-3-6-3</u>	<u>2-3-5-3</u>	<u>9-3-6-3</u>
Secondary:				
Type	<u>3J36-75</u>	<u>7J33-135</u>	<u>3J36-75</u>	<u>7J33-135</u>
Emul. Data	<u>7-3-5-3</u>	<u>9-3-6-3</u>	<u>7-3-5-3</u>	<u>9-3-6-3</u>

TITLE

LOCKHEED

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TEST PROCEDURE

GENERAL SOP PROCEDURES
FLIGHT REQUIREMENTS LIST

LOCKHEED AIRCRAFT CORPORATION
MISSILES AND SPACE DIVISION

SHEET 3 OF 3 SHEETS

FLIGHT REQUIREMENTS LIST Continued Revision A

CYCLE RATION STELLAR INDEX TO PANORAMIC: 1 to 7

LAUNCH WINDOW: 01:00 GMT to Horizon Sensor Cutoff (approximately 01:55 GMT)

cc:

[Redacted]

Rev A

[Redacted]

Engineering Sect.
Project Engr.
SETD
Headquarters Rep

[Redacted]

Date 8/12/63
Date 8-12-63
Date 8-12-63
Date 8-12-63

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