

APOLLO 15 SIM BAY PHOTOGRAPHIC
EQUIPMENT AND MISSION SUMMARY

CHANGE "A"

Supplement to be published in February 1972

February 1, 1972

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CHANGE "A" FEBRUARY 1972

A. Pen and Ink Changes

1. P 48 after "Radial Distortion Parameters" add (Associated with EFL)
2. P 49 after "Radial Distortion Parameters" add (Associated with EFL)
3. P 51 At bottom of page under (Emulsion Up) add "Negative"
4. P 53 At bottom of page under (Emulsion Up) add "Negative"

B. Replace pages as follows:

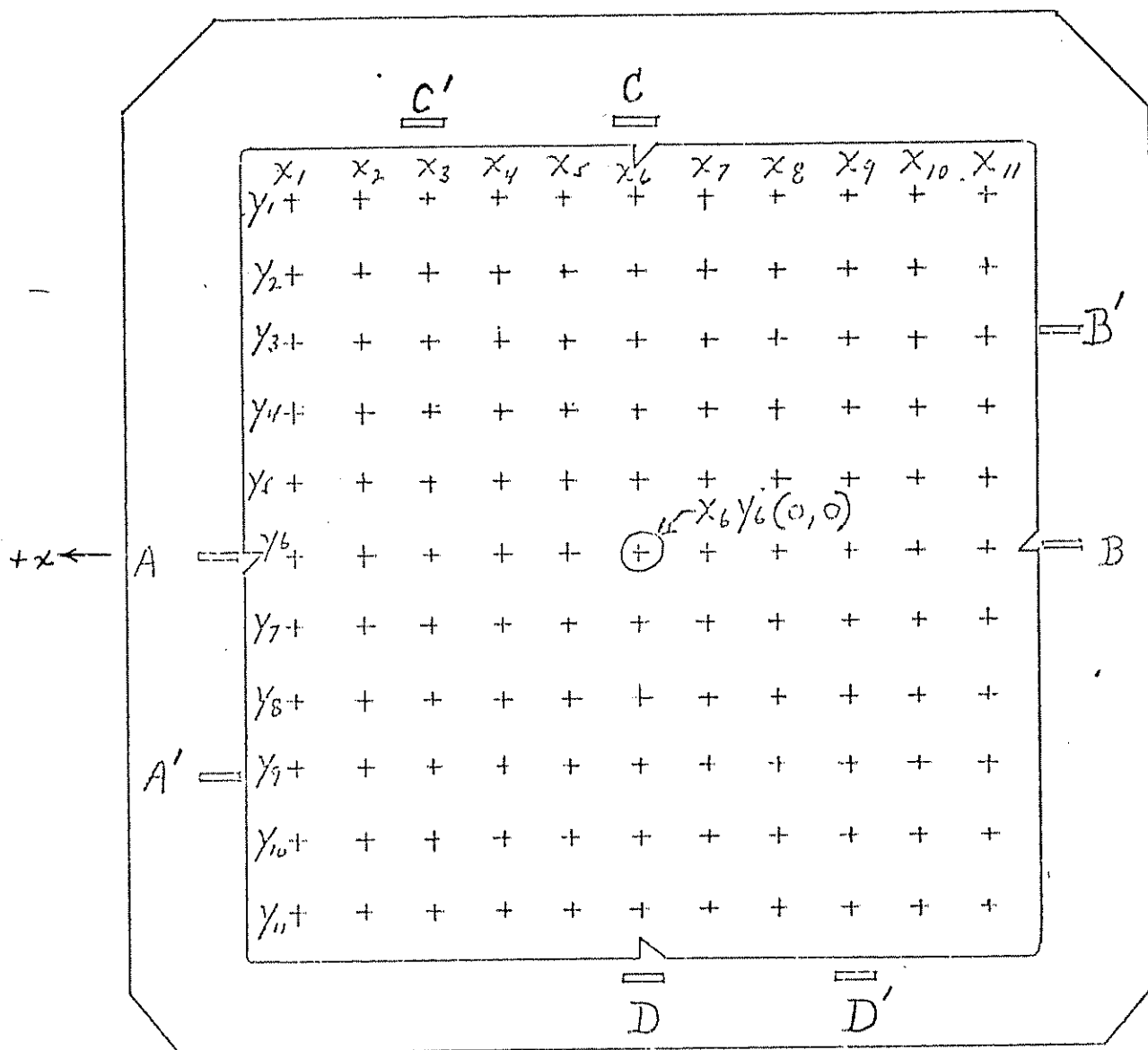
1. Cover
2. P 60-61
3. P 62-63
4. P 64-65

STELLAR CALIBRATION REPORT SUPPLEMENT

Calibrated Ikogon (Mapping)
and
Ikotar (Stellar)
Reseau Coordinate Intersections

TRIGON B GRID PLATE LAYOUT

61



{EMULSION UP}

Negative

← LINE OF FLIGHT →

IKOGON B MASTER GRID PLATE
CALIBRATION DATA
(COORDINATES IN MILLIMETERS)

CROSS	COORDINATES		CROSS	COORDINATES	
	X	Y		X	Y
X1, Y1	+ 50.0014	+50.0019	X1, Y4	+50.0014	+20.0017
X2, Y1	+ 39.9997	+50.0019	X2, Y4	+39.9997	+20.0017
X3, Y1	+ 29.9977	+50.0019	X3, Y4	+29.9977	+20.0017
X4, Y1	+ 19.9974	+50.0019	X4, Y4	+19.9974	+20.0017
X5, Y1	+ 9.9990	+50.0019	X5, Y4	+ 9.9990	+20.0017
X6, Y1	0.0000	+50.0019	X6, Y4	0.0000	+20.0017
X7, Y1	- 9.9992	+50.0019	X7, Y4	- 9.9992	+20.0017
X8, Y1	-19.9995	+50.0019	X8, Y4	-19.9995	+20.0017
X9, Y1	-29.9994	+50.0019	X9, Y4	-29.9994	+20.0017
X10, Y1	-40.0019	+50.0019	X10, Y4	-40.0019	+20.0017
X11, Y1	-50.0029	+50.0019	X11, Y4	-50.0029	+20.0017
X1, Y2	+50.0014	+40.0022	X1, Y5	+50.0014	+10.0017
X2, Y2	+39.9997	+40.0022	X2, Y5	+39.9997	+10.0017
X3, Y2	+29.9977	+40.0022	X3, Y5	+29.9977	+10.0017
X4, Y2	+19.9974	+40.0022	X4, Y5	+19.9974	+10.0017
X5, Y2	+ 9.9990	+40.0022	X5, Y5	+ 9.9990	+10.0017
X6, Y2	0.0000	+40.0022	X6, Y5	0.0000	+10.0017
X7, Y2	- 9.9992	+40.0022	X7, Y5	- 9.9992	+10.0017
X8, Y2	-19.9995	+40.0022	X8, Y5	-19.9995	+10.0017
X9, Y2	-29.9994	+40.0022	X9, Y5	-29.9994	+10.0017
X10, Y2	-40.0019	+40.0022	X10, Y5	-40.0019	+10.0017
X11, Y2	-50.0029	+40.0022	X11, Y5	-50.0029	+10.0017
X1, Y3	+50.0014	+30.0030	X1, Y6	+50.0014	0.0000
X2, Y3	+39.9997	+30.0030	X2, Y6	+39.9997	0.0000
X3, Y3	+29.9977	+30.0030	X3, Y6	+29.9977	0.0000
X4, Y3	+19.9974	+30.0030	X4, Y6	+19.9974	0.0000
X5, Y3	+ 9.9990	+30.0030	X5, Y6	+ 9.9990	0.0000
X6, Y3	0.0000	+30.0030	X6, Y6	0.0000	0.0000
X7, Y3	- 9.9992	+30.0030	X7, Y6	- 9.9992	0.0000
X8, Y3	-19.9995	+30.0030	X8, Y6	-19.9995	0.0000
X9, Y3	-29.9994	+30.0030	X9, Y6	-29.9994	0.0000
X10, Y3	-40.0019	+30.0030	X10, Y6	-40.0019	0.0000
X11, Y3	-50.0029	+30.0030	X11, Y6	-50.0029	0.0000

IKOGON B MASTER GRID PLATE
KCALIBRATION DATA -----(COORDINATES IN MILLIMETERS)

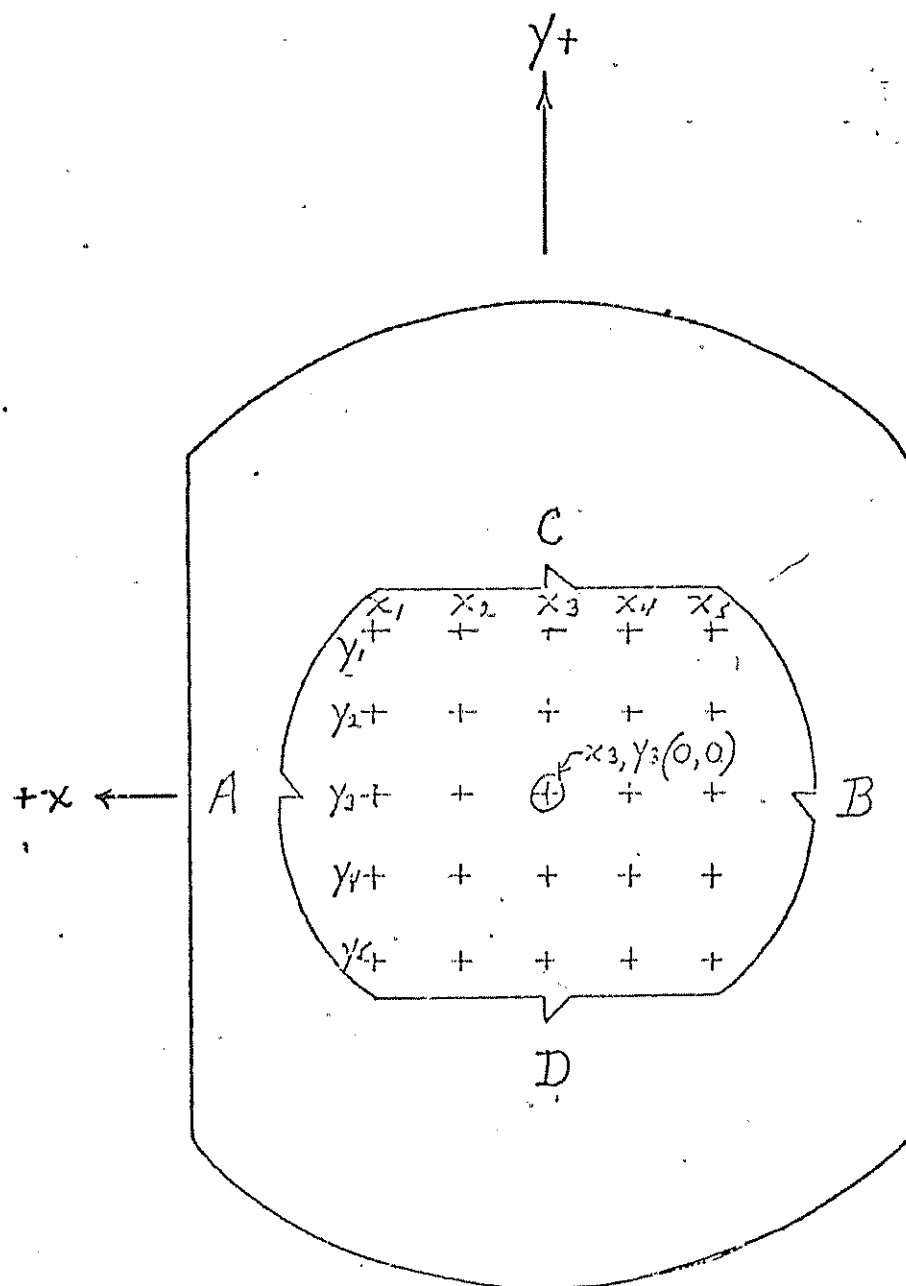
CROSS	COORDINATES		CROSS	COORDINATES	
	X	Y		X	Y
X1, Y7	+ 50.0014	-10.0000	X1, Y10	+50.0014	-39.9974
X2, Y7	+ 39.9997	-10.0000	X2, Y10	+ 39.9997	-39.9974
X3, Y7	+ 29.9977	-10.0000	X3, Y10	+ 29.9977	-39.9974
X4, Y7	+ 19.9974	-10.0000	X4, Y10	+ 19.9974	-39.9974
X5, Y7	+ 9.9990	-10.0000	X5, Y10	+ 9.9990	-39.9974
X6, Y7	0.0000	-10.0000	X6, Y10	0.0000	-39.9974
X7, Y7	- 9.9992	-10.0000	X7, Y10	- 9.9992	-39.9974
X8, Y7	- 19.9995	-10.0000	X8, Y10	- 19.9995	-39.9974
X9, Y7	- 29.9994	-10.0000	X9, Y10	- 29.9994	-39.9974
X10, Y7	- 40.0019	-10.0000	X10, Y10	- 40.0019	-39.9974
X11, Y7	- 50.0029	-10.0000	X11, Y10	- 50.0029	-39.9974
X1, Y8	+ 50.0014	-19.9992	X1, Y11	+ 50.0014	-49.9966
X2, Y8	+ 39.9997	-19.9992	X2, Y11	+ 39.9997	-49.9966
X3, Y8	+ 29.9977	-19.9992	X3, Y11	+ 29.9977	-49.9966
X4, Y8	+ 19.9974	-19.9992	X4, Y11	+ 19.9974	-49.9966
X5, Y8	+ 9.9990	-19.9992	X5, Y11	+ 9.9990	-49.9966
X6, Y8	0.0000	-19.9992	X6, Y11	0.0000	-49.9966
X7, Y8	- 9.9992	-19.9992	X7, Y11	- 9.9992	-49.9966
X8, Y8	- 19.9995	-19.9992	X8, Y11	- 19.9995	-49.9966
X9, Y8	- 29.9994	-19.9992	X9, Y11	- 29.9994	-49.9966
X10, Y8	- 40.0019	-19.9992	X10, Y11	- 40.0019	-49.9966
X11, Y8	- 50.0029	-19.9992	X11, Y11	- 50.0029	-49.9966
X1, Y9	+50.0014	-29.9987			
X2, Y9	+39.9997	-29.9987			
X3, Y9	+29.9977	-29.9987			
X4, Y9	+19.9974	-29.9987			
X5, Y9	+ 9.9990	-29.9987			
X6, Y9	0.0000	-29.9987			
X7, Y9	- 9.9992	-29.9987			
X8, Y9	- 19.9995	-29.9987			
X9, Y9	- 29.9994	-29.9987			
X10, Y9	- 40.0019	-29.9987			
X11, Y9	- 50.0029	-29.9987			

Change A 2/72

CERTIFICATION

Signed _____

IKOTHA B GRID PLATE LAYOUT



{EMULSION UP}

Negative

← LINE OF FLIGHT

IKOTAR B MASTER GRID PLATE
CALIBRATION DATA
(COORDINATES IN MILLIMETERS)

CROSS	COORDINATES		CROSS	COORDINATES	
	X	Y		X	Y
X1, Y1	+ 10.0015	+10.0003	X1, Y4	+10.0015	-5.0002
X2, Y1	+ 5.0004	+10.0005	X2, Y4	+ 5.0008	-5.0005
X3, Y1	+ 0.0003	+10.0000	X3, Y4	+ 0.0005	-5.0001
X4, Y1	- 4.9996	+10.0000	X4, Y4	- 4.9995	-5.0000
X5, Y1	- 9.9996	+10.0000	X5, Y4	- 9.9996	-5.0002
X1, Y2	+ 10.0015	+5.0011	X1, Y5	+ 10.0015	-10.0015
X2, Y2	+ 5.0004	+5.0001	X2, Y5	+ 5.0010	-10.0015
X3, Y2	0.0000	+5.0000	X3, Y5	+ 0.0005	-10.0015
X4, Y2	- 4.9996	+5.0006	X4, Y5	- 4.9992	-10.0015
X5, Y2	- 9.9992	+5.0004	X5, Y5	- 9.9992	-10.0015
X1, Y3	+ 10.0015	+0.0006			
X2, Y3	+ 5.0009	+0.0002			
X3, Y3	0.0000	+0.0000			
X4, Y3	- 4.9993	+0.0006			
X5, Y3	- 9.9992	+0.0004			