[redacted]

[redacted]

LAUNCH

[redacted]																										
Launch vehicle failed to orbit.																										
Low to partial adversely affected military which prohibited scoring.																										
Sabotaged in flashback.																										
Operative orbit. Being affected. Covers underdeveloped.																										
Agena failure supply test. The booster was off the mark. Agena pitch gyro tackled. Vehicle failed to achieve orbit.																										
Destroyed by range safety officer. Exceeded safety regulations at 21,000 ft/sec.																										
Spin control failed.																										
Operate commanded on orbit 31. [redacted] Payload stable. Transport stable. [redacted]																										
Operated with [redacted]. Operate [redacted] operate disrupted. Vehicle pitch attitude [redacted] of stability. Agena [redacted] control [redacted]. Operate failed. [redacted] to achieved.																										
"P" Stage malfunctioned. Agena failed to separate from booster. [redacted]																										

[redacted]

HISTORY

[redacted] [redacted]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] PT.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	

[redacted] [redacted]

LAUNCH

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
Capsule recovered on orbit 31. Film broke and only 1.7' of footage was contained on capsule.													17										
Capsule recovered on orbit 45. First ... of figure 8. Film grainy due to moisture. Light leak through port hatches cracked.													10										
Programmer malfunctioned and capsule did not function. First attempted Arena Mission.		A-1											3										
Second stage failed to achieve orbital velocity.													10										
Loss of control gas caused unstable conditions after orbit 6.		A-2											6										
Electrical failure caused to launch sequence spillover system.		A-3											5										
Capsule recovered on orbit 22. Pressure shields and other density dev. Capsule film.													22										
Capsule recovered on orbit 20. Pressure shields from cone sub-orbit are present on film. Camera malfunctioned on orbit 22.													20										
Developed by range safety officer because of abnormal pitch rate.		A-4											7										
Agena guidance system failed.													22										
Capsule recovered on orbit 22. First use of ... Most of ends frame in back of frame. Unbalancing of the universal on ... of camera equipment.													22										

HISTORY

[redacted] [redacted]

[illegible]	[illegible]	DATA BLOCK	TOTAL NUMBER OF FRAMES: [illegible]	[illegible]	[illegible]	[illegible]	[illegible] CLOUD COVER	[illegible]	TOTAL FILM [illegible] FT.	[illegible] FT.	[illegible] COVERAGE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
			[illegible] [illegible] [illegible] Only																		
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]					[illegible]	7,[illegible]	7,[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]		
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

[redacted] [redacted]

LAUNCH

REMARKS	RECORD DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
	MISSION & CONFIGURATION	SYSTEM NUMBER	DATE & TIME LAUNCH	DATE & TIME RECOVERY	VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL NM	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	ORBITAL ANGLE PLANNED & ACTUAL	ORBITAL INCLINATION PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	CAMERA FILM TYPE FRAMES	FILM TYPE FILMS	FILM TYPE	CAMERA OPERATION FRAMES	FILMS	SPECIALS	MODES	FIRST EXPOSURE FRAME	LAST EXPOSURE FRAME	FIRST EXPOSURE FILM	LAST EXPOSURE FILM
Capsule recovered on orbit 33. Leading edge of film is out of focus. Numerous minor density streaks are present.	[redacted]		12 Sep 63 [redacted]	14 Sep 63	Agena [redacted]	100 105	200 202.5	91.0 92.4	81.3° 82.7°	.003		C-1 [redacted]	33			OP P				OP P	OP P		
Power failure and control gas loss occurred on orbit 33.	[redacted]		12 Sep 63 [redacted]	On Recovery	Agena [redacted]	100.5 101.2	202.5 203.0	91.0 91.05	81.3° 82.7°	.003		C-1 [redacted]	33			OP							
Capsule recovered on orbit 33. Ninety-six percent of the imagery is out of focus.	[redacted]		13 Oct 63 [redacted]	14 Oct 63 [redacted]	Agena [redacted]	107 105	205 203	91.0 90.95	81.3° 81.85°	.003 .00003		C-1 [redacted]	33			OP P				OP P	OP P		
Agena failed to separate from Thor booster. Control gas lost.	[redacted]		25 Oct 63 [redacted]	On Orbit	Agena [redacted]	102	204	91.0	81.3°	.003		C-1 [redacted]	33										
Separator launch angle resulted in extreme orbit. One valve failed. Recovery not attempted.	[redacted]		5 Nov 63 [redacted]	On Recovery	Agena [redacted]	100 101	200 203	91.0 91.15	81.3° 81.35°	.019		C-1 [redacted]	33			OP							
Capsule recovered on orbit 33. Control gas used at unusually high rate. Film condition is gray and of heavy density.	[redacted]		21 Nov 63 [redacted]	23 Nov 63	Agena [redacted]	100 102	200 203	91.0 91.05	81.3° 81.35°	.017 .016		C-1 [redacted]	33			OP P				OP P	OP P		
Capsule recovered on orbit 33. Condition [redacted] was underexposed and condition [redacted] was overexposed. No end of frame streak is present.	[redacted]		12 Dec 63 [redacted]	23 Dec 63	Agena [redacted]	102 101	203 201	91.05 91.05	81.3° 81.35°	.013		C-1 [redacted]	33			OP P				OP P	OP P		
Agena failed.	[redacted]		11 Jan 64 [redacted]	[redacted]	[redacted]	101	200	91.00	81.3°	.010		C-1 [redacted]	33										
Capsule recovered on orbit 33. Film [redacted] of [redacted] exposed [redacted] Both cameras [redacted]	[redacted]	[redacted]	27 Feb 64 [redacted]	[redacted]	[redacted]	101 100	200 200	91.00 90.92	81.3° 81.35°	.010 .010		C-1 [redacted]	33	33	33	OP P	OP P		[redacted]	OP C	OP C	OP C	OP C
Capsule recovered on orbit 33. Shutter [redacted] Film [redacted] Agena [redacted]	[redacted]	[redacted]	19 Apr 64 [redacted]	20 Apr 64	Agena [redacted]	102 102	200 200	91.02 91.11	81.3° 81.35°	.015 .010		C-1 [redacted]	33	33		OP C	OP C			OP P	OP P	OP P	OP P
Presumably shutter [redacted]	[redacted]	[redacted]	15 May 64 [redacted]	On Recovery	[redacted]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		C-1 [redacted]	33	33	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HISTORY

[redacted]

FILM DATA											MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
NUMBER OF PHOTO FRAMES	MISSION SUN ANGLE	DATA BLOCK	TOTAL NUMBER OF FRAMES: NORTH	TOTAL NUMBER OF FRAMES: SOUTH	TOTAL NUMBER OF FRAMES: 1	TOTAL NUMBER OF FRAMES: 1	PERCENT OF MISSION COVER	MP	TOTAL FILM ASSIGNABLE FT.	TOTAL FILM EXPOSED FT.	LINEAR GROUND COVERAGE MI	FOOTTRACK COVERAGE, SQUARE MI: NORTH	FOOTTRACK COVERAGE, SQUARE MI: SOUTH	FOOTTRACK COVERAGE, SQUARE MI: WEST	FOOTTRACK COVERAGE, SQUARE MI: EAST	FOOTTRACK COVERAGE, SQUARE MI: GRAND TOTAL	NUMBER OF GROUND PHOTO POINTS 10 D	GROUND PHOTO POINTS 10 D OR BETTER	TYPE OF MISSION DEV	ADDITIONAL FILM LOADS	
22	[illegible]	[illegible]	[illegible]				37	15	7,000	7,000	[illegible]	[illegible]		2,[illegible]	[illegible]	[illegible]	33	31	0		
22	[illegible]	[illegible]	[illegible] & [illegible]				41	15	7,000	2,[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	0	10	2	0		
20	[illegible]	[illegible]	[illegible]				45	10	7,000	2,000	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	9	5	0		
21	[illegible]	[illegible]	[illegible] & [illegible]					70 & 80	7,000	7,000	[illegible]	[illegible]		2,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

[redacted] [redacted]

LAUNCH

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
	MISSION & SUBSYSTEM NO.	SYSTEM VERSION	DATE & TIME LAUNCH	DATE & TIME RECOVERY	VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL NM	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	INCLIN. APOG. ANGLE PLANNED & ACTUAL	INCLIN. PERIGEE PLANNED & ACTUAL	VEHICLE APOGEE	CAMERA NUMBER	CAMERA VARIANTS NORMAL	BLANK	I.R.	CAMERA OPERATION NORMAL	BLANK	STROBE	HIGH	VIDEO PERIGEE PRINT	VIDEO PERIGEE FILM	VIDEO APOGEE PRINT	VIDEO APOGEE FILM
Capsule recovered on orbit 63.	[redacted] 33.1	3-4	19 May 67 [redacted]	19 May 67	[redacted]	100 / 101	107 / 108	89.00 / 89.00	31.00° / 31.33°	.003 / —		Δ 1014	5			— / —						— / —	
Capsule recovered on orbit 65. Problems with control gas occurred during retrofire. Shuttle stalled because square shuttle received upon 204 times, logging adjusted gas leaves. Shuttle failure occurred but no films, causing incomplete film.	[redacted] 33.2	3-4	29 May 67 [redacted]	1 Jun 67	[redacted]	102.4 / 101.3	111 / 105	89.00 / 89.00	31.00° / 31.33°	.003 / .0005		1014	31	32	33	OP / F	OP / F	—	OP / —	OP / S	OP / S	OP / P	OP / P
During ch switch, the shuttle lose focus. Capsule floated for 3 minutes, then sank.	[redacted] 33.33	3-4	2 Jun 67	2nd	[redacted]	100 / —	—	89.7	31.0°	.003 / —		1014	31	32	33	OP / —	OP / —	—	OP / —	—	—	—	—
Capsule recovered on orbit 66. Film degraded by light leaks, exposure, streaks and possible static discharges. Shuttle failure occurred but no films, corresponding film.	[redacted] 33.37	3-4	13 Jun 67 [redacted]	13 Jun 67 [redacted]	[redacted]	101.4 / 100.5	103 / 105	89.00 / 89.00	31.00° / 31.33°	.003 / .00005		1014	40	41	42	OP / F	OP / F	—	OP / F	OP / P	OP / P	OP / S	— / S
Capsule recovered on orbit 68. First use of Agena D. Camera shuttle normally degraded 20% of motion. No films used on mail [redacted]	[redacted] 33.7	3-7	15 Jun 67 [redacted]	2 Jul 67	[redacted]	101.5 / 103	102 / 104	89.00 / 89.00	31.00° / 31.33°	.003 / .0005		1014	51	52	53	OP / F	OP / S	—	OP / —	OP / S	OP / S	OP / P	OP / P
Capsule recovered on orbit 70. Possible power failure occurred in camera programmer. Definition moved without flagging in film. Camera shuttle also degraded the film.	[redacted] 33.10	3-4	21 Jul 67 [redacted]	21 Jul 67 [redacted]	[redacted]	100.7 / 100.0	101 / 102	89.00 / 89.00	31.00° / 31.33°	.003 / .0007		1014	59	61	63	OP / F	OP / F	—	OP / S	OP / —	OP / P	OP / P	OP / P
Capsule recovered on orbit 72. The capsule temperature was 70°. Camera and exhaustion leg shuttle 20% of film. Shuttle failure occurred but no films, film corresponded.	[redacted] 33.100	3-4	27 Jul 67	31 Jul 67	[redacted]	100 / 101	— / 105	89.0 / 89.7	30.0° / 31.33°	.003 / .0005		1014	72	73	75	OP / F	OP / F	—	OP / S	OP / P	OP / P	OP / S	OP / S
Capsule recovered on orbit 73. Capsule temperature was 80°. Camera shuttle degraded film from both ends camera. Shuttle 20 films used to show failure occurred, film corresponded.	[redacted] 33.100	3-4	1 Aug 67	1 Aug 67	[redacted]	100 / 101	— / 103	89.0 / 89.00	30.0° / 31.33°	.003 / .003	[redacted]	1014	80	81	82	OP / F	OP / F	—	OP / P	OP / P	OP / P	OP / P	OP / P
Capsule recovered on orbit 75. Shuttle cell on film 20 shots.	[redacted]	3-4	15 Aug 67	15 Aug 67	[redacted]	100 / 101.3	— / 100.0	89.1 / 89.00	30° / 31.33°	.003 / .0000	[redacted]	1014	92	93	94	OP / F	OP / F	—	OP / P	OP / P	OP / P	OP / P	—
Possible shuttle period during ch shuts. Capsule shuts.	[redacted]	3-4	1 Sep 67	2nd	[redacted]	100 / —	— / —	89.0 / —	30.0° / —	.003 / —		Δ 1014	93			OP / —							—
Capsule recovered on orbit 78. Body recovery high temperature of shuttle caused cell to explode of film collection. Shuttle shuts [illegible] film from both ends camera.	[redacted]	3-4	17 Sep 67	19 Sep 67	[redacted]	100 / 100	— / 102	89.00 / 89.00	30.0° / 31.33°	.003 / .003		1014	95	96	97	OP / F	OP / F	—	OP / P	OP / P	OP / P	—	OP / P

HISTORY

[redacted]

[redacted]

FILM DATA												[illegible] COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
[illegible]	[illegible]	DATA BLOCKS	TOTAL NUMBER OF FRAMES				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
																				D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] 0	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] 2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	D		

[redacted] [redacted]

LAUNCH

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA										
	MISSION & SUCCESSOR NO.	VEHICLE DESIGNATOR	DATE & TIME		VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL NM	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	ORBIT INCLINATION PLANNED & ACTUAL	ECCENTRICITY PLANNED & ACTUAL	VEHICLE APPROACH	CAMERA DESIGNATOR	CAMERA MOUNTING			CAMERA OPERATION							
			LAUNCH	RECOVERY												PERIGEE	SLANT	PERIGEE	PERIGEE	ALONG TRACK PERIGEE PERIGEE		SLANT PERIGEE PERIGEE	
Capsule recovered on orbit 65. Final use of visible camera. Port orbit recorded telemetered on 27 orbits. Sunshine and shadows [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Capsule recovered on orbit 65. Orbit too elliptical.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]									
Capsule recovered on orbit 65. Shutter camera door did not op- , during 7 photo passes. Upon opening, a piece of tape adhered to vehicle, admitting light into the camera.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Capsule recovered on orbit 65. Shutter camera had force problem. Slow camera was loaded incorrectly. The film was exposed through the lens.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Backup orbit, state loss, capsule was. Partial failure of second gallons to figure.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]							
Capsule recovered on orbit 65. Film from slow camera degraded possibly because of use of Station [illegible] film in place of Station [illegible] film.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Capsule recovered on orbit 65. Capsule found [illegible] after end of logical mode. Sunshine pitch and roll caused by malfunction in figure on orbit control.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Backup by [illegible] safety [illegible] Orbit was of [illegible] Station. Station failed because [illegible] was inoperative.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pressure [illegible] failed on figure. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Capsule recovered on orbit 65. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HISTORY

[redacted]

[redacted]

FILM DATA											MISSION COVERAGE STATISTICS										MISCELLANEOUS		REMARKS
NUMBER OF PHOTO PASSES	NUMBER OF SUN ANGLE	DATA BLOCK	TOTAL NUMBER OF FRAMES				PER-CENT OF NATIONAL CLOUD COVER	HRP	TOTAL FILM STOCK-AGLE FT.	TOTAL FILM STOCK FT.	LINEAR GROUND COVERAGE MI.	FLOTTABLE COVERAGE, SQUARE MI.					NUMBER OF GROUND CONTROL POINTS 1 & 2	GROUND CONTROL POINTS OUT 3 OR MORE	TYPE OF GROUND CONTROL	ADDITIONAL PHOTO-CLOSES	
			MASTER	SLAVE	1	1						MASTER	SLAVE	MIN	MAX	GROUND SPEED MAX					
35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55	10	10,000	12,000	10,000	3,000,000	3,000,000	[illegible]	[illegible]	[illegible]	71	10	0		
	2.50°	12	2000	2000	305	300															
34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55	10	10,000	14,000	17,000	3,000,000	3,000,000	[illegible]	[illegible]	[illegible]	125	4	0		
	-3.00°	12	2000	2000	400	400															
33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	10	10,000	14,000	10,000	3,000,000	3,000,000	[illegible]	[illegible]	[illegible]	107	2	0	[illegible]	
			2000	2000	91	91															
32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	10	10,000	10,000	10,000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	101	3	0	[illegible]	
	+	12	2000	2000	401	401															
31		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			10,000	10,000									0	[illegible]	
		12	2000	2000	400	400															

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
	MISSION & SUBMISSION NO.	SYSTEM NUMBER	DATE & TIME		VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL MIN	APOGEE PLANNED & ACTUAL MIN	PERIOD PLANNED & ACTUAL MIN	DELTA-APOGEE PLANNED & ACTUAL	DELTA-PERIGEE PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	CAMERA NUMBER			CAMERA OPERATION							
			LAUNCH	RECOVERY									MAGAZINE	FILM TYPE	LENS	MAGAZINE	FILM TYPE	STYLE LENS	MODE	FIRST EXPOSURE FRAME	LAST EXPOSURE FRAME	FIRST EXPOSURE FRAME	LAST EXPOSURE FRAME
Capsule recovered on orbit 30. Orbit was similar due to excessive burn by Agena. Agena D-Thrust 4 seconds too long. No film used.	[redacted]	L-2	[redacted]	[redacted]	Agena [redacted]	50 —	300 —	90.32 —	70.0 —	.002 —		[redacted]	5		18 4 3	-	-	—	-		-		-
						55	302	91.2	74.0	.0010													
Capsule recovered on orbit 55. Film from slave camera was uniformly degraded by camera static. The master camera experienced minor light leaks.	[redacted]	10-02	[redacted]	[redacted]	Agena [redacted]	110	300	91.0	65.0	.000		[redacted]	[redacted]	[redacted]	[redacted]	OP	OP	[redacted]	[redacted]	[redacted]	[redacted]	OP	OP
						100	301	90.80	0*	.0001						G	F	G	G	G	G	G	G
Capsule recovered on orbit 55. Film from master camera was uniformly degraded by a light leak. The film from the slave camera was slightly degraded by this light leak. Film [illegible] out of 7 cassettes. "P" film failed to eject.	[redacted]	10-02	[redacted]	[redacted]	Agena [redacted]	110	301	90.90	65.70	.001		[redacted]	[redacted]	[redacted]	[redacted]	OP	OP	[redacted]	[redacted]	[redacted]	OP	[redacted]	[redacted]
						101	305	90.87	65.0	.0007						G	G	G	G		G	G	G
[redacted]	[redacted]																						
Capsule recovered on orbit 61.	[redacted]	10-03	[redacted]	[redacted]	Agena [redacted]	103	300	90.80	65.0	.0015		[redacted]	100	102	102	OP	OP	[redacted]	[redacted]	OP	OP	[redacted]	[redacted]
						105	304	90.40	65.0*	.0003						G	G	G	G	G	G	G	G
Capsule recovered on orbit 30. Total camera malfunction occurred on orbit 30. Film quality was degraded after orbit 9 due to loose film channel or temperature variance.	[redacted]	L-0	[redacted]	[redacted]	Agena [redacted]	50	307	90.32	70.0*	.0000		[redacted]	1		18 3 6	OP, [illegible]		[redacted]	[redacted]				
						52	305	90.30	70.0*	.0000						F		G	F				
Capsule recovered on orbit 55. [illegible]	[redacted]	20A	[redacted]	[redacted]	Agena [redacted]	100	300	90.7	70.0	.000		[redacted]	101	103	[redacted] 15.30	OP	OP	[redacted]	[redacted]	[redacted]	OP	OP	OP
						90.2	300	90.67	70.0	.0000				L-4		F	G	F	F	G	G	F	G
Tried to recover capsule after deployed period of 30 days. Still [illegible] Temperature [illegible]	[redacted]	[redacted]	[redacted]	[redacted]	Agena [redacted]	100	300	90.7	70.0	.000		[redacted]	100	103	[redacted] 15.30								
						90.2	300	90.67	70.0	.0000													
Capsule recovered on orbit 55. [illegible]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	OP	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]																							
Capsule recovered on orbit [illegible] film [illegible]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	OP	OP	[redacted]	[redacted]	[redacted]	[redacted]	OP	OP
						[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						F	G	G	F	G	[redacted]	G	G
[redacted]																							

HISTORY

[redacted] [redacted]

FILM DATA											MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
[illegible]	[illegible]	DATA BLOCK	TOTAL NUMBER OF FRAMES				[illegible]	[illegible]	TOTAL FILM [illegible] FT.	TOTAL FILM [illegible] FT.	LINEAR GROUND COVERAGE NM	PLOTTABLE COVERAGE, SQUARE NM					[illegible]	[illegible]	TYPE OF [illegible]	[illegible]	
			MASTER	SLAVE	S	I						MASTER	SLAVE	[illegible]	[illegible]	[illegible]					
			4404 / leader		4400 & 4400				3,000										[illegible]	Stepper #7005	
[illegible]		GP / ER	4404 / 3710	4404 / 3712	4400 & 4400 / 300	4400 / 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible] / ER	4404 / [illegible]	4404 / [illegible]	4400 & 4400 / [illegible]	4400 / [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	[illegible]	[illegible] Stepper [illegible]	
[redacted]																					
[illegible]	[illegible]	GP / ER	4404 / [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]		
[illegible]	[illegible]	GP / ER	4404 / [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] / 1119	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Stepper [illegible]	
[illegible]	[illegible]	GP / [illegible]	4404 / [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[redacted]																					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[redacted]

[redacted]

LAUNCH

REMARKS	MISSION DATA											CAMERA DATA										
	MISSION & SUCCESSIVE NO.	SYSTEM NUMBER	DATE & TIME LAUNCH	DATE & TIME RECOVERY	VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL NM	APOGEE PLANNED & ACTUAL NM	INCLINATION PLANNED & ACTUAL DEG	ORBITAL PERIOD PLANNED & ACTUAL MIN	DECAY-RATE PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	CAMERA NUMBERS: CAMERA	FILMS	LO	CAMERA OPERATIONS: MAPPED	FILMED	DISPLAYED	NOTES	CAMERA OPERATIONS: FIRST	CAMERA OPERATIONS: FIRST	CAMERA OPERATIONS: FIRST	CAMERA OPERATIONS: FIRST
Tried to recover capsule on orbit 33A, but recovery failed. Agena decayed failed. Capsule path was manipulated caused mission retrieval failure.	[redacted] LX01	J03	23 Sep 63 [redacted]	No Recovery	Agena D 1103	103 / 103.05	103 / [illegible]	83.0 / 83.05	91.0 / 74.97*	.0003 / .0003		[redacted] KH-4	105	107	[redacted] 14 15							
Capsule recovered on orbit 32.	[redacted]																					
[redacted]	[redacted] LX01	A-6	25 Oct 63 [redacted]	4 Nov 63 [redacted]	Agena D 1105	105 / 105.07	109 / 109.15	99.0/0 / 99.05	99.0* / 99.05*	.0003 / .0007		[redacted] KH-4	6									
Agena failed to ignite.	[redacted] LX01	9-01	9 Nov 63 [redacted]	No Orbit	Agena D 1111	100	105	99.05	79*	.003		[redacted] KH-4	100	103	104							
Capsule separated from Agena, but remained in orbit.	[redacted] LX01	9-03	27 Nov 63 [redacted]	No Recovery	Agena D 1117	103 / --	201.5 / --	99.05 / --	79* / --	.0003 / --		[redacted] KH-4	101	105	106							

[illegible] [redacted]

HISTORY

[redacted]

FILM DATA											MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
[illegible]	[illegible]	DATA BLOCK	TOTAL NUMBER OF FRAMES				[illegible]	[illegible]	TOTAL FILM AVAILABLE FT.	TOTAL FILM EXPOSED FT.	LINEAR GROUND COVERAGE NM	PLOTTABLE COVERAGE, SQUARE NM					[illegible]	[illegible]	[illegible]	[illegible]	
			MASTER	SLAVE	[illegible]	[illegible]						MASTER	SLAVE	[illegible]	[illegible]	[illegible]					
			[illegible]																		
[redacted]																					
[illegible]			[illegible] / [illegible]				[illegible]		[illegible]	[illegible]									[illegible]	[illegible]	
																				Long John [illegible]	
	[illegible]		[illegible]							[illegible]									[illegible]		

[redacted]

[redacted]

LAUNCH

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
	MISSION & DESCRIPTION NO.	STATION NUMBER	DATE & TIME LAUNCH	DATE & TIME RECOVERY	VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL NM	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	INCLINATION ANGLE PLANNED & ACTUAL	ECCENTRICITY PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA NUMBER	CAMERA NUMBERS NUMBER	CAMERA NUMBERS PLANE	CAMERA NUMBERS FL	CAMERA OPERATION NUMBER	CAMERA OPERATION PLANE	CAMERA OPERATION INTERVALS	CAMERA OPERATION MODE	CAMERA OPERATION PLANE PERIOD	CAMERA OPERATION PLANE PERIOD	CAMERA OPERATION PLANE PERIOD	CAMERA OPERATION PLANE PERIOD
[redacted]	[redacted]																						
Backup system failed; vehicle launched in error, does orbit, shortly after launch.	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]											
[redacted]	[redacted]											[redacted]											
Launch successful; orbit good. Recovery attempted 20 [redacted] on orbit 40 with negative results. Recovery attempts on 1 May and on 2 May also failed.	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]								
[redacted]	[redacted]																						
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[redacted]

HISTORY

[redacted]

[illegible]	[illegible]	DATA BLOCK	TOTAL NUMBER OF FRAMES				[illegible]	[illegible]	TOTAL FILM AVAILABLE FT.	TOTAL FILM EXPOSED FT.	LINEAR GROUND COVERAGE	PLOTTABLE COVERAGE					[illegible]	[illegible]	TYPE OF RECOVERY	[illegible]	REMARKS
			[illegible]	SLAVE	[illegible]	[illegible]						[illegible]	SLAVE	[illegible]	[illegible]	[illegible]					
[redacted]																					
[redacted]																					
									[illegible]												
[redacted]																					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

[redacted] [redacted]

LAUNCH

REMARKS	MISSION DATA											CAMERA DATA												
	MISSION & SPACECRAFT NO.	SENSOR NUMBER	DATE & TIME LAUNCH	DATE & TIME RECOVERY	VEHICLE TYPE & NUMBER	[illegible] & [illegible]	[illegible] & [illegible]	[illegible] & [illegible]	[illegible] & [illegible]	[illegible] & [illegible]	VEHICLE [illegible]	[illegible]	CAMERA NUMBER [illegible]	CAMERA NUMBER [illegible]	CAMERA NUMBER [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]	CAMERA OPERATION [illegible]
Recovered on orbit 65. Four auxiliary equipment consistently malfunctioned i.e. no broken stones fragments and no camera motion was tracked.	[redacted]	J-10	19 Jul 01 [redacted]	19 Jul 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	100 [redacted]	101 [redacted]	0.42 42.42	OP S	OP S	OP F S	OP S	OP S	OP F	OP S	OP F	
Recovered on orbit 102. The tether stones failed after June 102. The shelter stones had a light leak. The three auxiliary equipment still consistently malfunctioned.	[redacted]	J-10	19 Jul 01 [redacted]	19 Jul 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	100 [redacted]	101 [redacted]	0.32 32.32	OP S	OP S	OP F S	OP [illegible] S	OP C	OP S	OP S	OP S	
Recovered on orbit 65. The three stabiprod lenses camera shelter failed to open a few times and the imagery from this camera is only through orbit 3-65.	[redacted]	J-10	9 Aug 01 [redacted]	9 Aug 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.07 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	100 [redacted]	101 [redacted]	0.32 32.32	OP S	OP S	OP S	OP S	OP S	OP S	OP S	OP S	
Recovered on orbit 102. The three stabiprod lenses camera continued to malfunction intermittently.	[redacted]	J-10	9 Aug 01 [redacted]	9 Aug 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.07 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	100 [redacted]	101 [redacted]	0.32 32.32	OP S	OP S	OP S	OP S	OP S	OP S	OP S	OP S	
[redacted]																								
Recovered on orbit 33. Power loss prevented some reflections degraded part of the shelter frames.	[redacted]		23 Aug 01 [redacted]	23 Aug 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		[redacted]	22			OP S		OP F S						
Recovered on orbit 65. The timing marks of the stereo unit appear on multiscan images on a few frames.	[redacted]	J-10	24 Sep 01 [redacted]	24 Sep 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	102	103	0.10/ 40.10	OP S	OP S	OP S	OP F	OP S	OP S	OP S	OP S	
Recovered on orbit 102. The stereo timing marks still appear on scanners.	[redacted]	J-10	24 Sep 01 [redacted]	24 Sep 01 [redacted]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	102	103	0.10/ 40.10	OP S	OP S	OP S	OP S	OP S	OP S	OP S	OP S	
[redacted]																								
Recovered on orbit 33. The timing marks of the stereo unit again appear on scanner on several frames. A new stereo scan mode was utilized on this station.	[redacted]	J-10	[illegible]	[illegible]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	100 [redacted]	101 [redacted]	0.10/ 40.10	OP S	OP S	OP S	OP S	OP S	OP S	OP S	OP S	
A scanner stereo scan mode on orbit 102 with the timing scanner mode, but it failed to respond. The scanning mode was not utilized on this date. Another attempt was made on orbit 103 with no success.	[redacted]	J-10	[illegible]	[illegible]	Agena B [redacted]	200 [redacted]	200 [redacted]	15.05 [redacted]	55 [redacted]	0.002 [redacted]		C*** [redacted]	107	108	0.10/ 40.10	OP	OP							

HISTORY

[redacted]

[illegible]	[illegible]	[illegible]	FILM DATA: [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
			[illegible]	[illegible]	[illegible]	[illegible]															
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
			[illegible]	[illegible]	[illegible]	[illegible]															
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
			[illegible]	[illegible]	[illegible]	[illegible]															
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		
			[illegible]	[illegible]	[illegible]	[illegible]															
[redacted]																					
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FILM DATA											MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
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[redacted]																						

HISTORY

[redacted]

FILM DATA												MISSION COVERAGE STATISTICS										REMARKS
			TOTAL NUMBER OF FRAMES										FLIGHTABLE COVERAGE, SQUARE MI									
[redacted]																						
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LAUNCH

[redacted]

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
			DATE & TIME										CAMERA NUMBERS			CAMERA OPERATION							
			LAUNCH	RECOVERY																			
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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HISTORY

FILM DATA												MISSION COVERAGE STATISTICS											REMARKS
			TOTAL NUMBER OF FRAMES										PLOTTABLE COVERAGE, SQUARE nm										
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HISTORY

FILM DATA											COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
[illegible]	[illegible]	DATA BLOCK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS										
			DATE & TIME													
			LAUNCH	RECOVERY												
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HISTORY

FILM DATA											MISSION COVERAGE STATISTICS									MISCELLANEOUS	
NUMBER OF PHOTO FRAMES	NUMBER OF CAMERA	DATA BLOCK	TOTAL NUMBER OF FRAMES				PER-CENT OF FRAMES CLOUD COVER	GSD	TOTAL FILM AREA, SQ. FT.	TOTAL FILM EXPOSED FT.	LINEAR GROUND COVERAGE MI	PLOTTABLE COVERAGE, SQUARE MI					NUMBER OF GROUND TARGETS PLOTTED	GROUND TARGETS CAT 3 OR BETTER	TYPE OF MISSION	AGENT TERRAIN REFLECTANCE
			NATIVE	BLANK	1	2						NATIVE	BLANK	MIXED	OTHER	OTHER TARGET BLOCK				
[illegible]		[illegible]	[illegible]	[illegible]	415	415	[illegible]	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34		[illegible]	[illegible]	[illegible]	45	[illegible]	35	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]
[redacted]																				
42		[illegible]	[illegible]	[illegible]	435	435	30	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33		[illegible]	[illegible]	[illegible]	475	475	40	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[redacted]																				
44		[illegible]	[illegible]	[illegible]	444	444	35	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
46		[illegible]	[illegible]	[illegible]	465	465	30	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

REMARKS	MISSION DATA					SPATIAL CHARACTERISTICS						CAM					
	MISSION & DESCRIPTION NUM	SYSTEM NUMBER	DATE & TIME		VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	INCLINATION ANGLE PLANNED & ACTUAL	ORBIT VELOCITY PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	CAMERA NUMBERS				
			LAUNCH	RECOVERY									MISSION	BLANK		MISSION	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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HISTORY

FILM DATA													MISSION COVERAGE STATISTICS									MISCELLANEOUS		REMARKS
				TOTAL NUMBER OF FRAMES										FLOYTABLE COVERAGE, SQUARE MILES										
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	B	[illegible]
[redacted]																								
						FAILED TO DEVELOP									FAILED TO DEVELOP									

LAUNCH

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
[redacted]																							
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DATA						MISSION COVERAGE STATISTICS													
							PLOTTABLE COVERAGE, NEAREST MIN								MISCELLANEOUS				
																			REMARKS
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REMARKS	MISSION DATA: MISSION & DESCENDING NO.	SYSTEM NUMBER	DATE & TIME: LAUNCH	DATE & TIME: DESCENT	VEHICLE TYPE & NUMBER	ORBITAL CHARACTERISTICS: PERIGEE PLANNED & ACTUAL	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	INCLIN. ANGLE PLANNED & ACTUAL	ECCENTRICITY PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	CAMERA NUMBERS: MAGAZ	FLAME	II	MAGAZ
RECOVERED OC REV. 30P	1201-2	J9-1	25 Sept 1967 1944z	30 Sept 1967 2005Z	AGENA D 6041	85.9	216.3	89.95	80.0	0.0182	NORMAL	KH-4B	323	322	3	OP
[redacted]																
RECOVERED OC REV. 97	2011-1	J-41	21 Nov 1967 2322Z	[redacted]	D 6039	100.0	222.4	90.47	81.5	0.0169	NORMAL	KH-4	802	323	77 122 120	OP
RECOVERED OC REV. 114	2011-C	J-41	2 Dec 1967 1845Z	21 Nov 1967 2325Z	AGENA D 6039	100.0	222.4	90.47	81.5	0.0169	NORMAL	KH-4	802	309	210A 23P 131	OP
[redacted]																
RECOVERED OF REV. 8Q	[redacted]	J9-2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	81.5		NORMAL	KH-4B	305	304	4	OP
RECOVERED OF REV. 22Q. THIS THE SO-230 (EX-OTHER FILC USE WHEN THE EXP. FAILURE	2200-2	J9-2	9 Dec 1967 [redacted]	25 Dec 1967 [redacted]	AGENA D 6042	85.3	158.9	88.55	81.6	0.009	NORMAL	KH-4B	305	304	4	OP
						85.0	156.5	88.50	81.5		NORMAL	KH-4B	305	304	4	OP
						85.8	149.0	88.59	81.6	0.009	NORMAL					

HISTORY

FILM DATA												MISSION COVERAGE STATISTICS								MISCELLANEOUS		
NUMBER OF FRAME PAIRS	MINIMUM SUN ANGLE	DATA CLASS	TOTAL NUMBER OF FRAMES: MONO	TOTAL NUMBER OF FRAMES: BLANK	TOTAL NUMBER OF FRAMES: [illegible]	TOTAL NUMBER OF FRAMES: [illegible]	PERCENT OF TOTAL CLOUD COVER	MP	TOTAL FILM STRIP-MILE FT.	TOTAL FILM EXPOSED FT.	LINEAR GROUND COVERAGE MI	PLOTTABLE COVERAGE, SQUARE MI: MONO	PLOTTABLE COVERAGE, SQUARE MI: BLANK	PLOTTABLE COVERAGE, SQUARE MI: [illegible]	PLOTTABLE COVERAGE, SQUARE MI: [illegible]	PLOTTABLE COVERAGE, SQUARE MI: [illegible]	NUMBER OF [illegible]	[illegible]	TYPE OF [illegible]	[illegible]	
37		OP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	[illegible]	[illegible]							192		D	NONE	
[redacted]																					
39		OP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]		D	D-11	
39		OP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85	[illegible]	[illegible]							221		D	D-11	
[redacted]																					
41		OP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	[illegible]	[illegible]									D	NONE	
File data		OP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	[illegible]	[illegible]									D	NONE	[illegible] FOR EXPERIMENTAL PURPOSES

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CA				
	MISSION & DESCRIPTIVE NO.	SYSTEM NUMBER	DATE & TIME		VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL	APOGEE PLANNED & ACTUAL	TORQUE PLANNED & ACTUAL	SOLAR ARRAY ANGLE PLANNED & ACTUAL	ECCENTRICITY PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	CAMERA NUMBERS				
			LAUNCH	TERMINATION									MASTER	SLAVE	24	MASTER	
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	
[redacted]																	

HISTORY

FILM DATA												MISSION COVERAGE STATISTICS									MISCELLANEOUS		REMARKS
			TOTAL NUMBER OF FRAMES										FLIGHTABLE COVERAGE, FRAMES										
[redacted]																							
7-67 2-67	[redacted]	[redacted]	2,910	2,910	461	461	305	99	16,300	16,300	33,377	[redacted]		[redacted]	775,335	502,300	190		B			
7-68 2-68	[redacted]	[redacted]	3,000	3,000	677	677	305	95	16,300	16,300	35,900	[redacted]		[redacted]	407,302	407,170	304		B			
[redacted]																							
8-67	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	120		B			
7-67 2-68	[redacted]	[redacted]	3,105	3,105	[redacted]	[redacted]	305	95	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	113		B			
[redacted]																							
7-68 8-68	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	305	95	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	300		B			

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA					
			DATE & TIME										CAMERA FIGURES				
	[illegible] & [illegible] NO.	[illegible] NUMBER	LAUNCH	RECOVERY	VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL NM	[illegible] ANGLE PLANNED & ACTUAL	[illegible] PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] OF REV. 24A [illegible]	[illegible]	2-2 (A)	7 Nov [illegible]	22 Nov [illegible]	[illegible]	85.0	145.2	88.39	85.0	.000	O R E A	[illegible]	300	305	7	OP	OP
						85.05	151.007	88.500	85.11	[illegible]							
[redacted]																	
[illegible]	[illegible]	2-10	25 Sept [illegible]	25 Sept [illegible]	[illegible]	100.0	110.6	90.05	85.0	.015	O R E A	[illegible]	[illegible]	[illegible]	[illegible]	OP	OP
						89.0	114.7	90.13	85.07	.017							
[illegible] OF REV. 26A	[illegible]	2-10	25 Sept [illegible]	2 Oct [illegible]	[illegible]	100.0	110.6	90.05	85.0	.015	O R E A	[illegible]	[illegible]	[illegible]	[illegible]	OP	OP
						100.1	110.3	90.08	85.01	.016							
[illegible] OF REV. 33	[illegible]	2-5 (P)	3 Nov [illegible]	21 Nov [illegible]	[illegible]	85.0	150.0	88.00	85.0	[illegible]	O R E A	[illegible]	311	310	[illegible]	OP	OP
						85.0	149.0	88.0	85.10	[illegible]							
[illegible] OF REV 35A	[illegible]	2-5 (P)	3 Nov [illegible]	21 Nov [illegible]	[illegible]	85.0	150.0	88.00	85.0	[illegible]	O R E A	[illegible]	311	310	[illegible]	OP	OP
						85.1	149.7	88.10	85.11	[illegible]							
[redacted]																	

HISTORY

FILM DATA												MISSION COVERAGE STATISTICS									MISCELLANEOUS	
			TOTAL NUMBER OF FRAMES										PLOTTABLE COVERAGE, SQUARE KM									
[redacted]																						
[redacted]																						
[redacted]																						
[redacted]																						

REMARKS		GRIDDY DATA																	
		[illegible] & [illegible] NO.	[illegible]	DATE & TIME		[illegible] TYPE & [illegible]	[illegible] PLANNED & ACTUAL	[illegible] PLANNED & ACTUAL NO.	[illegible] PLANNED & ACTUAL NO.	[illegible] PLANNED & ACTUAL	[illegible] PLANNED & ACTUAL	[illegible] ATTITUDE	[illegible] SYSTEM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]	[illegible]														
[illegible]	912' OF CHAIN FISH WITH POCKET PERCENT USED FOR SUPPLIES & CONSTRUCT: 3.00%	1306-1	J-3 A6	5 Feb 1960 [illegible]	20 Feb 1960 [illegible]	[illegible]	80.0 82.0	252.3 255.7	80.60 80.72	81.5 81.54	[illegible] .0102	Normal	[illegible]	313	312	[illegible] 11 [illegible] 6	OP
[illegible]	912' OF SD-121 CHAIN FISH PERCENT USED FOR SUPPLIES & CONSTRUCT: 4.03%	1306-2	J-3 A6	5 Feb 1960 [illegible]	14 Feb 1960 [illegible]	[illegible]	80.0 80.6	252.3 257.0	80.60 80.63	81.5 81.54	[illegible] .020	Normal	[illegible]	313	312	[illegible] 11 [illegible] 6	OP
[redacted]																			
[illegible]	[illegible] [illegible] AREA REF 22 PERCENT OF FISH USED FOR SUPPLIES & CONSTRUCT: 5.00%	[illegible]	J-[illegible]	19 Mar 1960 [illegible]	22 Mar 1960 [illegible]	[illegible]	80.0 80.1	255.0 254.3	80.75 80.62	82.0 82.09	[illegible] .00422	Abnormal See Remarks	[illegible]	230	231	[illegible] 143	OP
[illegible]	VARIABLE CONTROL, SYSTEM FAILED PERCENT OF FISH USED FOR SUPPLIES & CONSTRUCT: 16.00%	1420-2	J-45	19 Mar 1960 [illegible]	23 Mar 1960 [illegible]	[illegible]	80.0 87.7	255.0 255.9	80.75 80.69	82.0 82.50	[illegible] .0025	Abnormal	[illegible]	230	231	[illegible] 145	OP
[redacted]																			
[illegible]	PERCENT OF FISH USED FOR SUPPLIES & CONSTRUCT: 0%	[illegible]	J-44	7 Mar 1960 [illegible]	9 Mar 1960 [illegible]	[illegible]	80.0 87.47	250.0 250.05	80.60 80.63	82.0 82.0	.0120 .012	Normal	[illegible]	232	233	[illegible] [illegible] 142	OP
[illegible]	PERCENT OF FISH USED FOR SUPPLIES & CONSTRUCT: 0%	[illegible]	J-44	7 Mar 1960 [illegible]	14 Mar 1960 [illegible]	[illegible]	80.0 [illegible]	250.0 [illegible]	80.60 80.67	82.0 [illegible]	.0120 .012	Normal	[illegible]	232	233	[illegible] [illegible] [illegible]	OP
[redacted]																			

TORY

FILM DATA								MISSION COVERAGE STATISTICS									MISCELLANEOUS		REMARKS
TOTAL NUMBER OF FRAMES				PER-CENT OF FRAME CLOSED COVER	MTF	TOTAL FILM AVAIL-ABLE FT.	TOTAL FILM EXPOSED FT.	LINEAR GROUND COVERAGE NM	PLOTTABLE COVERAGE, SQUARE NM					NUMBER OF COVER TARGETS FOUND 1 0 2	COVER TARGETS CAT 3 OR BETTER	TYPE OF RECOMP-ENT	ADDI-TIONAL PER-LOADS	
	BLACK	B	B						MASTER	BLACK	RED	GREEN	OTHER WHITE BLUE					
	2,952	Part 2,146 RED 2,146	2,146	191	105	24,000	24,000	39,072	4,991,047 CONTINUED		2,996,486	817,044	365,428	—		B		
	2,520	Part 2,400 RED 2,400	2,400	205	105	23,000	23,000	39,105	4,000,000 CONTINUED		2,721,140	702,200	308,300			B		
[redacted]																		
	1,523	275	275	200	95			27,220	3,200,722 CONTINUED		1,700,000	274,072	[illegible]					
	2,701	400	400	NA	95			45,202	6,200,000 CONTINUED		2,337,420	600,012	37,700			B		
[redacted]																		
	2,007	400	400	400	80			52,300	7,007,000 CONTINUED		1,000,000	1,000,000	400,400			B		
	2,400	1,000	400	400	80			51,000	7,000,000 CONTINUED		1,000,700	407,400	400,400			B		
[redacted]																		

HISTORY

FILM DATA											MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
[illegible]	[illegible]	DATA BLOCK	TOTAL NUMBER OF FRAMES: MASTER	SLAVE	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL FILM [illegible] FT.	TOTAL FILM [illegible] FT.	LINEAR GROUND COVERAGE [illegible]	PLOTTABLE COVERAGE, SQUARE [illegible]: MASTER	SLAVE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TYPE OF RECOVERY	[illegible]	
[illegible]	S/A	OP	[illegible]	[illegible] See remarks	[illegible]	[illegible]	305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]		
[illegible]	S/A	OP	[illegible]	None See remarks	[illegible]	[illegible]	305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			Day		
[illegible]	S/A	OP	[illegible]	[illegible]	[illegible]	[illegible]	305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			Day		
[illegible]	S/A	OP	[illegible]	[illegible]	[illegible]	[illegible]	305	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			Day		
[redacted]																					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			Day		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			Day		
[redacted]																					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]					

LAUNCH

REMARKS	ORBIT DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
			DATE & TIME																				
			LAUNCH	RECOVERY																			
Recovered on Rev 247 Forward camera inoperative beginning on Rev 20 and did not function during the remainder of the mission.	1102-1		24 Jul 1959 00:00Z	2 Aug 1959 00:00Z	Agena 1021	[illegible]	[illegible]	69.44	72°	[illegible]	Normal	[illegible]	35.0	35A	[illegible] 21	[illegible]	CF	CF	CF	CF	N/A	N/A	CF	CF
Recovered on Rev 300 Forward camera inoperative as in Rev 1.	1102-2		N/A	10 Aug 1959 00:00Z	N/A	[illegible]	[illegible]	69.44	72°	[illegible]	Normal	[illegible]	35.0	35A	[illegible]	[illegible]	CF	[illegible] for [illegible]	[illegible] for [illegible]	N/A	N/A	CF	CF
Recovered on Rev 335 L-325 used for mapping and charting.	1102-3		30 Sep 1959 00:00Z	30 Sep 1959 12:00Z	Agena 1023	[illegible]	[illegible]	69.5	72°	[illegible]	Normal	[illegible]	35.5	35	[illegible]	CF	CF	CF	CF	CF	CF	CF	CF
Recovered on Rev 365	1102-4		N/A	7 Oct 1959 00:00Z	N/A	[illegible]	[illegible]	69.5	72°	[illegible]	Normal	[illegible]	35.5	35	[illegible]	CF	CF	CF	CF	CF	CF	CF	CF

[redacted]

HISTORY

FILM DATA											MISSION COVERAGE STATISTICS									MISCELLANEOUS		REMARKS
			TOTAL NUMBER OF FRAMES									PLANTABLE COVERAGE, SQUARE MI										
2/1	Up		3,050	3,050	[illegible]	[illegible]	225	150	16,250	16,250	33,484	[illegible]	[illegible]	[illegible]	[illegible]	246,960			Dry		
2/1	Up		3,051	3,051	[illegible]	[illegible]	225	150	16,250	16,250	33,492	[illegible]	[illegible]	[illegible]	[illegible]	239,344			Dry		
[redacted]																						
1/1	Up		3,051	3,051	[illegible]	[illegible]	225	150	16,250	16,250	33,484	[illegible]	[illegible]	[illegible]	[illegible]	410,240			Dry		
1/1	Up		3,110	3,050	[illegible]	[illegible]	225	150	16,250	16,250	33,500	[illegible]	[illegible]	255,984	408,384				Dry		
[redacted]																						
LOST							LOST						LOST									
3/1	Up		3,050	3,050	[illegible]	[illegible]	225	150	16,250	16,250	33,500	[illegible]	[illegible]	[illegible]	[illegible]	245,440			Dry		
3/1	Up		3,050	3,050	[illegible]	[illegible]	225	150	16,250	16,250	33,500	[illegible]	[illegible]	[illegible]	[illegible]	245,440			Dry		

LAUNCH

[redacted]																										
[redacted]																										
[redacted]																										
[redacted]																										
[redacted]																										
[redacted]																										

#2 of 2

SATELLITE HISTORY

From: [redacted]

To: [redacted]

AUGUST 1970

[redacted]

[redacted]

[redacted]

[redacted]

Delete This.

[redacted]

[redacted]

LAUNCH

REMARKS	MISSION DATA	ORBITAL CHARACTERISTICS	CAMERA DATA
[redacted]			
Recovered on Rev 2[illegible]7 [illegible] Failed on Rev 3[illegible]. Fwd. Looking Camera Failed on Rev 3[illegible].	[illegible] 1970	[illegible]	[illegible]
Recovered on Rev 3[illegible]9 [illegible] had Failed – No Take. Fwd. Looking Camera had failed – No Take. [illegible]	[illegible] N/A 7 Dec 1970 N/A	[illegible]	Normal [illegible] Failed [illegible] Op Failed Failed Failed Failed Op Op
[redacted]			
[illegible] LOST	[illegible]	LOST	LOST LOST
[illegible] LOST	[illegible] N/A N/A N/A	LOST	LOST LOST

[redacted]

HISTORY

FILM DATA													MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
NUMBER OF MISSION FILMED	MISSION SUN ANGLE	DATA BLOCK	TOTAL NUMBER OF FRAMES				PER-CENT OF MISSION FILMED	ASP	TOTAL FILM USED FT.	TOTAL FILM RECEIVED FT.	LINEAR GROUND COVERAGE KM	PLOTTABLE COVERAGE, 10-MIN KM					NUMBER OF GROUND TARGETS PHOTOGRAPHED 1 & 2	GROUND TARGETS CAT 1 OR BETTER	TYPE OF RECEIVER	MISCELLANEOUS FEATURES	
			MAPPED	BLANK	1	2						MAPPED	BLANK	MISS	OPENS	OTHER GROUND BLANK					
[redacted]																					
2320-1		N/A	Op	2,725	2,455	1,054	2,443	235	235	14,300		30,481	2,300,444 (estimated)	1,443,546	1,136,34	444,640					
2320-2		N/A	Op	3	3,134	47	2,134	235	235	14,300		30,485	2,304,372 (estimated)	884,720	1,300,140	88,300		–			
[redacted]																					
2320-1		LOST					LOST							LOST							
2320-2		LOST					LOST							LOST							

[redacted]

CAMERA / MISS D/Ty

LAUNCH

REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA DATA											
	MISSION & PROGRAMMED MIS	SYSTEM NUMBER	DATE & TIME		VEHICLE TYPE & NUMBER	APOGEE PLANNED & ACTUAL	APOGEE PLANNED & ACTUAL MIS	PERIGEE PLANNED & ACTUAL MIS	INCLINATION ANGLE PLANNED & ACTUAL	ECCENTRICITY PLANNED & ACTUAL	VEHICLE ATTITUDE	PLANNED SYSTEM	CAMERA WINDOWS			CAMERA OPERATION							
			LAUNCH	RECOVERY									MAPPER	PLANE	TI	MAPPER	PLANE	SPOTLIGHT	MODE	MAPPER PERIGEE POINT	MAPPER PERIGEE MAX-DISTANCE	PLANE PERIGEE POINT	PLANE PERIGEE MAX-DISTANCE
Recovered on Rev 1191 Early Recovery (3 Days Early) - Gas Problem Last Photo Rev. - Rev 1081	1114-1	1B-4B	25052 24 Mar. 1972	25076 31 Mar 1972	Agena 2660	250N [illegible]	14[illegible] 14[illegible]	88.5 88.5	81.5° 81.5°	.0000 .0007	Normal		309	308	[illegible] 32	Op	Op	Op	Op	N/A	N/A	N/A	N/A
Recovered on Rev 2000 - Early Recovery (2 Days Early) - Gas Problem High gas consumption resulted in a 27 day standout	1224-2	1B-4B	N/A	21370 9 Apr.	N/A	[illegible] 97.3N	14[illegible] 15[illegible]	88.5 88.6	81.5° 81.5°	.0000 .0000	Normal		309	308	[illegible]	Op	Op	Op	Op	N/A	N/A	N/A	N/A

[redacted]

CAMERA # NRD 2/30

[redacted]

DRY

FILM DATA							MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
NUMBER OF FRAMES			PER-CENT OF OVERALL CLOUD COVER	MP	TOTAL FILM AVAIL-ABLE FT	TOTAL FILM EXPOSED FT	LINEAR GROUND COVERAGE NM	PLOTTABLE COVERAGE SQUARE NM					NUMBER OF COMOR TARGETS PRIORITY 1 & 2	BONUS TARGETS CAT 3 OR BETTER	TYPE OF RECOVERY	ADDITIONAL PAY-LOADS	
SLAVE								MASTER	SLAVE	MAP	LAMPA	OTHER SOVIET BLOC					
2,990	4,871	2,146		120 MIP	16,300	15,427	47,384	6,159,920 (Combined)							Dry		
2,798	5,094	2,574		125 MIP	16,300	15,644	44,928	5,860,640 (Combined)							Dry		

[redacted] REMARKS	MISSION DATA					ORBITAL CHARACTERISTICS						CAMERA NUMBERS				CAM
	MISSION & DISCOVERER NOS	SYSTEM NUMBER	DATE & TIME LAUNCH	DATE & TIME RECOVERY	VEHICLE TYPE & NUMBER	PERIGEE PLANNED & ACTUAL	APOGEE PLANNED & ACTUAL NM	PERIOD PLANNED & ACTUAL MIN	INCLINATION ANGLE PLANNED & ACTUAL	ECCENTRICITY PLANNED & ACTUAL	VEHICLE ATTITUDE	CAMERA SYSTEM	MASTER	SLAVE	S/N	MASTER	SLA
Recovered on Rev 1151.	1115-1	KH-4B	2136Z 10 Sept. 1971	2330Z 17 Sept. 1971	Agena 1668												
Recovered on Rev 3091	1115-6	KH-4B	N/A	2100Z 29 Sept. 1971	N/A												
[redacted]																	

HISTORY

FILM DATA										MISSION COVERAGE STATISTICS								MISCELLANEOUS		REMARKS
	DATE CLASS	TOTAL NUMBER OF FRAMES									FLIGHTLINE COVERAGE, NUMBER OF									
		NUMBER	PLANE								NUMBER	PLANE								