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MISSION
COVERAGE
STATISTICS

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

KH-4 MISSION 1112-2

25-30 NOVEMBER, 1-7 DECEMBER 1970

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INTRODUCTION

This publication provides preliminary coverage data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC chart areas, coverage plots, and preliminary data for Mission 1112-2, dated 25-30 November 1970, 1-7 December 1970 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame outside the pass outline. In event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

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PRELIMINARY MISSION DATA

Mission Number: 1112-2

Launch Date/Time (GMT): 18 November 1970/2129

Photo Dates (GMT): 25-30 November 1970, 1-7 December 1970

Recovery Date/Time (GMT): 7 December 1970/2244

Operational Photo Passes: 47

Operational Altitude Limits: 92 - 109 Nautical Miles

Photo Scale Range: 1:278,904 - 1:333,864

Operational Ground Coverage (Aft):

a. Linear Nautical Miles 24,528
b. Square Nautical Miles 3,433,920

Frames:

a. Operational

Aft-Looking 3,066

b. Stellar 140

c. Index 70

Operational Imagery Footage (Aft): 7,594

Anomalies: The fwd camera and DISIC unit failed to operate on Mission 1112-2.

Vehicle Attitude: Normal

Image Quality: The overall image quality of the aft camera material is good and comparable to the best of this system. Most imagery maintains edge sharpness at magnifications above 50 times. An MIP of 115 is assigned to this mission.

Cloud Free Coverage: Approximately 85 percent of the entire mission is cloud free.

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GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute.

MISSION 1112-2

PASS	DATE (Z)	CAM ON HR (Z)	CAM ON MIN (Z)	CAM OFF HR (Z)	CAM OFF MIN (Z)
107D	25 November 1970	11	28	11	30
118D	26 November 1970	03	40	03	42
120D	26 November 1970	06	42	06	46
123D	26 November 1970	11	05	11	06
133D	27 November 1970	01	50	01	51
134D (1)	27 November 1970	03	18	03	19
134D (2)	27 November 1970	03	22	03	23
136D	27 November 1970	06	20	06	21
151D	28 November 1970	04	26	04	28
152D	28 November 1970	06	00	06	02
166D	29 November 1970	02	35	02	37
167D	29 November 1970	04	09	04	10
168D	29 November 1970	05	38	05	42
171D	29 November 1970	10	05	10	08
183D (1)	30 November 1970	03	42	03	43
183D (2)	30 November 1970	03	45	03	48
184D	30 November 1970	05	15	05	18
187D	30 November 1970	09	43	09	46
199D	1 December 1970	03	19	03	23
200D	1 December 1970	04	49	04	53
201D	1 December 1970	06	19	06	22
203D (1)	1 December 1970	09	12	09	13
203D (2)	1 December 1970	09	19	09	20
215D	2 December 1970	02	59	03	02
216D	2 December 1970	04	29	04	32
217D	2 December 1970	05	59	06	00
218D (1)	2 December 1970	07	25	07	26
218D (2)	2 December 1970	07	28	07	29
220D	2 December 1970	10	23	10	25
232D (1)	3 December 1970	04	05	04	07
232D (2)	3 December 1970	04	07	04	11
233D	3 December 1970	05	36	05	40
234D	3 December 1970	07	04	07	05
236D (1)	3 December 1970	10	01	10	03
236D (2)	3 December 1970	10	19	10	20
237D	3 December 1970	11	32	11	33

Mission 1112-2 (Continued)

PASS	DATE (Z)	CAM ON HR (Z)	CAM ON MIN (Z)	CAM OFF HR (Z)	CAM OFF MIN (Z)
248D (1)	4 December 1970	03	42	03	43
248D (2)	4 December 1970	03	45	03	48
249D	4 December 1970	05	17	05	17
250D	4 December 1970	06	38	06	39
253D	4 December 1970	11	08	11	09
263D	5 December 1970	01	50	01	52
264D	5 December 1970	03	23	03	27
265D (1)	5 December 1970	04	48	04	50
265D (2)	5 December 1970	04	53	04	55
266D	5 December 1970	06	16	06	18
268D	5 December 1970	09	13	09	14
279D	6 December 1970	01	29	01	30
280D	6 December 1970	03	01	03	04
281D	6 December 1970	04	25	04	27
282D	6 December 1970	05	55	05	57
284D	6 December 1970	08	58	08	59
296D	7 December 1970	02	40	02	42
297D	7 December 1970	04	11	04	11
298D	7 December 1970	05	40	05	42

WAC CORRELATION LIST
MISSION 1112-2

WAC AREA	PASS
0071	118D,134D
0097	281D
0102	203D
0103	203D
0122	133D
0123	133D
0124	134D,166D
0125	118D,134D,183D
0126	118D,183D
0128	183D,199D
0129	199D
0130	166D,263D
0131	133D
0151	107D
0152	107,268D
0153	203D,262D
0154	203D
0156	250D,266D
0157	250D,266D,282D
0159	281D
0160	200D,265D,281D
0161	265D,281D
0162	282D
0163	250D,266D,282D
0164	218D,250D
0165	218D
0168	268D
0169	123D
0170	123D
0196	263D,279D
0197	166D,263D
0198	199D,215D
0199	151D,199D,248D
0200	151D,200D,232D,248D
0201	151D,232D,248D
0202	183D,199D
0203	134D,199D,215D
0204	134D,263D,279D
0205	279D
0231	107D,123D,220D
0232	123D,220D
0236	218D
0237	218D,266D
0238	266D,282D
0240	265D,281D
0241	200D,232D,281D
0242	265D
0243	136D,233D
0244	201D,282D
0245	282D
0246	234D
0251	236D
0252	220D,236D
0281	279D
0282	134D
0283	134D,199D,215D,296D
0284	183D,199D,296D
0285	216D,232D,248D
0286	200D,216D,232D
0287	184D,200D,216D,232D
0288	216D,232D,248D
0289	167D,183D,199D,248D
	280D,296D
0290	199D,215D,296D
0291	134D
0321	220D,236D
0322	236D
0327	218D,234D
0329	201D,217D
0330	120D,136D,217D,233D
0331	184D
0332	168D,184D,200D,297D
0333	152D,168D,233D
0334	120D,201D,217D
0335	201D,298D
0337	218D
0338	218D
0341	203D
0343	236D
0346	253D,237D
0380	296D
0381	167D,183D,264D,280D
	296D
0382	232D,248D,264D
0383	200D,216D,232D,297D
0384	216D,232D

WAC CORRELATION LIST (Continued)

WAC AREA	PASS	WAC AREA	PASS
0385	232D,248D	0448	171D
0386	167D,248D,264D,280D	0492	280D
0421	253D,237D	0493	248D,264D
0422	253D	0494	232D,248D
0425	171D,187D,284D	0498	264D
0426	187D,203D,284D	0499	264D,280D
0430	218D	0543	171D
0432	201D,298D	0544	171D,187D,284D
0433	120D,201D,217D,233D	0545	187D
	298D	0553	233D
0434	120D,152D,168D,233D	0554	233D,249D
	265D	0555	168D,265D
0435	168D,184D,265D	0567	171D,187D
0436	168D,265D	0568	171D
0437	152D,168D,233D,249D	0613	264D
	265D	0614	264D
0438	120D,233D	1274	236D
0439	298D	1275	236D
0446	203D	1300	236D
0447	171D,187D,203D,284D	1301	236D

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