



18.6

TECHNICAL PUBLICATION

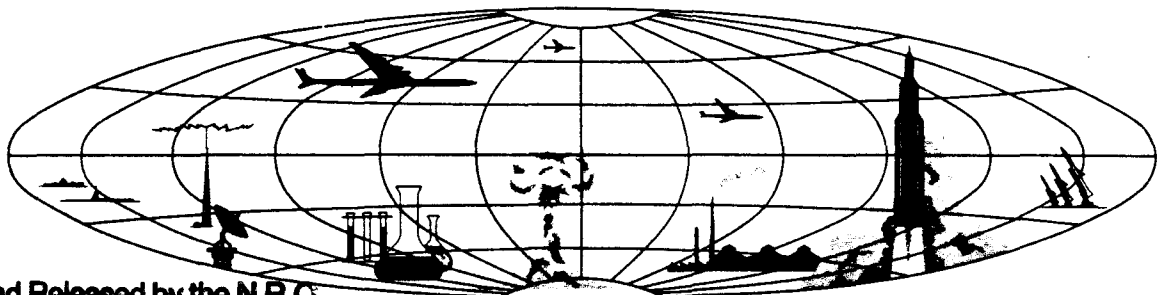
EXTENDED CAPABILITY OF THE KH-4 CAMERA SYSTEM

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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NOV 26 1997

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EXTENDED CAPABILITY OF THE KH-4 CAMERA SYSTEM

Capability of the KH-4 camera system has been extended to include a "mono-mode" to permit the obtaining of photography over certain areas (e.g., areas of marginal interest, predicted heavy cloud cover, or duplicate coverage) with a minimum expenditure of film. This is accomplished by not operating one of the panoramic cameras. Consequently, stereo coverage will not exist over these areas.

Operation of the forward and aft cameras will be alternated in order to balance the consumption of film. This "mono-mode" will be used either for a complete pass or for a section of split passes.

Film titling will be identical to the present titling except for the addition of the

letter "M" (mono-mode) or "S" (stereo-mode), preceding the camera designation. For example:

| <u>Pass</u> | <u>Frame</u> | <u>Mode</u> | <u>Camera</u> | <u>Mission</u> | <u>Date</u> |
|-------------|--------------|-------------|---------------|----------------|-------------|
| D05 | 006 | M | Aft | 9015 | 6 10 62 |
| A33 | 152 | S | Fwd | 9015 | 7 10 62 |

Frames will continue to be numbered consecutively by pass; however, when the mono-mode is operated, there will be an unbalanced number of frames for the forward versus the aft camera.

The stellar-index camera will operate only when the forward panoramic camera operates, either in stereo or mono-mode.

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