3. POSSIBLE FIVE INCH CAMERA USES:
   A. EXPANDING THE NUMBER OF SURVEILLANCE ACQUISITIONS
   B. INCREASING THE QUANTITY OF SEARCH COVERAGE
   C. EXTENDING EXPOSURE LATITUDE
   D. PROVIDING INCREASED SPECTRAL INFORMATION
   E. FILM COMPARISON TESTING

4. RECOMMENDATIONS FOR FIVE INCH CAMERA USE:
   A. AT LOW ALTITUDE THE CAMERA SHOULD BE USED TO INCREASE THE NUMBER OF ACQUISITIONS AIMED AT SATISFYING
SURVEILLANCE REQUIREMENTS. THIS PROBABLY WOULD REQUIRE
A MODIFICATION OF WEATHER CONSTRAINTS TO MAKE EFFECTIVE
USE OF THE ENTIRE FILM LOADS. THIS CAMERA SHOULD BE
USED TO SATISFY ALL MISCELLANEOUS REQUIREMENTS FOR COLOR,
EXPOSURE LATITUDE EXTENSION AND R&D FILM COMPARISON
TESTS. OF THESE, ONLY LATITUDE EXTENSION AND COMPAR-
ISON TESTS REQUIRE COMPANION COVERAGE. OCCASIONALLY
UNIQUE REQUIREMENTS MIGHT JUSTIFY BOTH BLACK-AND-
WHITE AND COLOR COMPANION COVERAGE TO OBTAIN OPTIMUM
SPECTRAL AND SPATIAL INFORMATION.

B. AT HIGH ALTITUDE THE MAJOR CONSIDERATION
IS QUANTITY OF USEFUL SEARCH IMAGERY. THEREFORE, THE
NORMAL MODE OF OPERATION FOR THE FIVE INCH CAMERA
SHOULD BE SOLO OPERATION FOR SEARCH. SHOULD THERE
BE SURVEILLANCE REQUIREMENTS AT THE HIGHER ALTITUDE,
THE FIVE INCH CAMERA (NOT THE NINE INCH CAMERA)
SHOULD BE TASKED TO SATISFY THESE NEEDS BECAUSE
IT COULD EASILY SATISFY MOST COVERAGE REQUIREMENTS AND
WOULD NOT SACRIFICE AS MUCH SEARCH COVERAGE.

5. THE ABOVE RECOMMENDED USES COULD BE SATISFIED BY
SOME COMBINATION OF THE FOLLOWING FLIGHT ROLLS:
A. A NINE-INCH ROLL EXCLUSIVELY SO-312. THIS
WOULD EFFECTIVELY SATISFY ALL RECOMMENDED USES FOR ALL
MISSION OBJECTIVES.
B. A FIVE-INCH ROLL EXCLUSIVELY SO-312.
C. AN SO-312 FLIGHT ROLL WITH SEGMENTS OF SO-430.
D. A TAILORED FIVE-INCH ROLL, DESIGNED FOR
UNIQUE MISSION REQUIREMENT E.G. A ROLL INCLUDING
QUANTITIES OF SO-409 FOR USE AT VERY HIGH SOLAR
ALTITUDES OR A ROLL WITH SECTIONS OF SO-255 TO
SATISFY NEEDS FOR MULTI SPECTRAL DATA.

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