

NRO

TOP SECRET

STUDY CONCLUSIONS

- ◆ FOR SEARCH GAPS OF TWO MONTHS OR LESS, A 450 NM ALTITUDE, 120 DAY GAMBIT MISSION CAN COMPLETELY SATISFY, MODE VALID, ALL THE 2, 6, 9 AND 12 MONTH SEARCH REQUIREMENTS AND 86% OF THE 4 MONTH SEARCH REQUIREMENT.
- ◆ FOR LONGER SEARCH GAPS, LOWER ALTITUDE OR SHORTER DURATION MISSIONS, THERE IS A STEREO SHORTFALL IN THE 4, 6 AND 9 MONTH PROBLEM SETS.
- ◆ APPROXIMATELY 90% OF THE IMAGERY WILL BE CLOUD FREE.
- ◆ THE AVERAGE NIIRS WILL BE 4.0 OR BETTER REGARDLESS OF ALTITUDE.
- ◆ GAMBIT CAN PROVIDE A GROSS COVERAGE OF 6 MILLION SQ NM IN STEREO OR 12 MILLION SQ NM IN MONO FROM THE 450 NM VEHICLE ALTITUDE FOR A 120 DAY MISSION.
- ◆ 450 NM ALTITUDE MISSIONS SATISFY THE SEARCH REQUIREMENTS WITH LESS FILM, QUICKER, LEAVING MORE FILM FOR SPECIALS OR AD HOCS.

~~TOP SECRET/G~~

Handle Via **BYEMAN**
Control System Only