



6 May 1965

TO: [REDACTED]

FROM: [REDACTED]

SUBJECT: J-23 TASC FILM EVALUATION

The only anomaly in the pan cameras during this test was the timing track on the slave camera which failed near the end of the test. This was traced to a broken wire and has been repaired. The light leak test had not been performed and will be reported separately. Both master and slave cameras are acceptable for flight.

The "A" bucket stellar fiducials are poor but acceptable and the index camera is acceptable. The "B" bucket index is acceptable.

The "B" bucket stellar is not quite so simple, as 4.6% of total frames were corona marked to a density higher than the 0.40 maximum density allowable. The quantity is acceptable but the density does not meet the acceptance criteria.

We are recommending that this requirement be waived and the entire system accepted for flight for the following reasons:

1. This corona marking occurred only when PMU was off.
2. Even if the PMU were to fail in flight, an exposure analysis shows that 6th magnitude stars would still be discernable above the corona level encountered.

APPROVED

[REDACTED]  
Manager  
Operations & Analysis

[REDACTED]  
Performance Evaluation

Declassified and Released by the N R O

In Accordance with E. O. 12958

on NOV 26 1997