Massachusetts Institute of Technology Instrumentation Laboratory Cambridge, Massachusetts

LUMINARY MEMO # 114

TO:

Distribution

FROM:

Russell A. Larson R#1

DATE:

October 7, 1969

SUBJECT:

Proposed contents of Luminary 1C

The present release date for Luminary 1C is 5 November, 1969 which will meet the Apollo 13 launch date of 3-12-70. The proposed changes to Luminary 1B (Luminary 116) for this rope are:

PCR's

- 1. 863.2 Make P76 set NODO flag
- 2. 882 Replace V Horizontal with something better (V FORWARD)
- 3. 936 Initialize V90 time to TIG
- 4. 895 LR reposition by V59E in P63
- 5. 285 Remove check for auto throttle
- 6. 893 Abort targetting flagbit
- 7. LPD bias
- 8. 806.2 Allow N07 to address output channels

ANOMA LIES

- L-1B-01 Erroneous 530 alarm in P22
- L-1B-02 R29 will not achieve RR lock
- L-1B-03 Quantity COEFFER discrepency
- L-lB-04 RR MODE SW disables X-pointer
- L-1B-05 R60 MODE II needles display
- L-1B-06 LR read error after restart

We have received oral go ahead on all PCR's. LPD bias is being handled by R. Covelli. 285-remove check for auto throttle was just received today.

Anomaly L-13-06 is in the process of being written. Hear there are three more on the way from Houston.

Luminary 1C was to be a "no change" program.