

APOLLO SPACECRAFT SOFTWARE CONFIGURATION CONTROL BOARD
PROGRAM CHANGE REQUEST

NUMBER (Completed by FSB)

285

1.0 COMPLETED BY ORIGINATOR

1.1 ORIGINATOR H. W. Tindall, Jr. J. F. Garman	DATE 9/30/69	1.2 ORGANIZATION MPAD FSB	APPROVAL <i>H. W. Tindall</i>	DATE Sept 30, 69
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1.3 EFFECTIVITY Apollo 13 - LUMINARY	1.4 TITLE OF CHANGE Remove check of auto throttle discrete
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1.5 REASON(S) FOR CHANGE (1) To permit manual throttle in P63/64; specifically to add capability for manual pulse down to save ΔV , and (2) the throttle discrete is a single-point failure capable of terminating all LGC descent guidance.

1.6 DESCRIPTION OF CHANGE Remove P67 and all descent program checks of the auto-throttle discrete. Even in the event of auto-throttle failure the crew would use P63, 64, or 66 with manual throttle control.

2.0 SOFTWARE CONTROL BOARD OR FLIGHT SOFTWARE BRANCH
DECISION FOR VISIBILITY IMPACT ESTIMATE BY MIT

2.1 <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	2.2 REMARKS: <i>Imp add Norm for GTC determine impact.</i>
2.3 SOFTWARE CONTROL BOARD OR FLIGHT SOFTWARE BRANCH SIGN OFF	
DATE	

3.0 MIT VISIBILITY IMPACT EVALUATION:

3.1 SCHEDULE IMPACT	3.2 IMPACT OF PROVIDING DETAILED EVALUATION
3.3 STORAGE IMPACT	3.4 REMARKS: <i>will attitude changes be made. AGC will still GTC is this displayed - NO</i>
3.5 MIT COORDINATOR	
DATE	

4.0 SOFTWARE CONTROL BOARD ACTION

4.1 <input type="checkbox"/> IMPLEMENT AND PROVIDE DETAILED CHANGE EVAL. <input type="checkbox"/> PROVIDE DETAILED CHANGE EVALUATION <input type="checkbox"/> DIS-APPROVED	4.2 REMARKS: <i>put on DSKY? ON CALL</i>
4.3 SOFTWARE CONTROL BOARD SIGN OFF	
DATE	

5.0 MIT DETAILED PROGRAM CHANGE EVALUATION

5.1 MIT COORDINATOR	5.2 MIT EVALUATION
DATE	

6.0 SOFTWARE CONTROL BOARD DECISION ON MIT DETAILED PROGRAM CHANGE EVALUATION

6.1 <input type="checkbox"/> START OR CONTINUE IMPLEMENTATION <input type="checkbox"/> DISAPPROVED OR STOP IMPLEMENTATION	6.2 REMARKS:
6.3 SOFTWARE CONTROL BOARD SIGN OFF	
DATE	