

AUG 27 1970


PP

MEMORANDUM TO: Records  
FROM : PP/Assistant Chief, Program Control Division  
SUBJECT : Apollo 13 Accident Related Cost

Subsequent to June 1970, at which time the modifications to Apollo CSM's were defined in CCA 3781, substantial revisions have been made to the Statement of Work for this activity, These revisions and associated impact on spacecraft schedules have increased the estimated cost considerably.

I am in receipt of preliminary data from NR which reflects their cost estimate for the Apollo 13 activity. MSC has not received the NR proposal with supporting rationale; therefore, a position on the validity of this cost estimate is not feasible at this time. The NR preliminary cost data is attached to this memorandum.

On receipt of the firm proposal, an evaluation will be made to support subsequent negotiations.

  
R. C. Hood

Enclosure

cc:  
PP/J. McClintock  
PP/D. Haulbrook  
PP/R. Leezer  
PP/Apollo 13 Files

PP:mly 8-27-70



## APOLLO 13 REDESIGN CSM - NR COST

## BEECH CHANGES

REMOVE FANS	1,063
SHEATHED WIRE LEADS	941
(3) HEATER ELEMENTS	1,093
HEATER TEMP. SENSOR	1,067
S/S QTY GAGE	1,081
REMOVE THERMO SWITCH	287
	<u>6,342</u>
NR MPC/G&A	<u>2,132</u>

TOTAL FOR BEECH ACTIVITY

8,474

## NR CHANGES

THIRD O <sub>2</sub> TANK AND SHELF	1,388
CONTINGENCY PUMP	832
SHELF STATIC TEST	13
O <sub>2</sub> TANK SYSTEM FILTER	134
ADD PRESSURE TRANSDUCER	143
TIME LIMITING HEATER POWER(GSE)	1
REMOTE CURRENT MONITORING BY ACE	9
ELECT, & D&C CHANGES	1,174
FUEL CELL REACTANT VALVE	1,241
F/C VAL	239
MISC. CHANGES	95
NR- G&A	950

6,217

APOLLO 13 INVESTIGATION  
NR-DISASSEMBLY, RETEST, STORAGE

931  
4,000

