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~~A~~ also  
Hutchinson



AA-7509

# WORKING COPY

IF THE GEO-PAC EXPERIMENT PACKAGE IS AVAILABLE IN DECEMBER OF 1975 IT CAN BE FLOWN ON SV-13 ONLY IF THERE IS A PALLET ON THAT VEHICLE. WITHOUT A PALLET, THE GEO-PAC MUST BE INTEGRATED INTO THE AFT EQUIPMENT MODULE OF THE BASIC VEHICLE EARLY ENOUGH TO GO THROUGH THERMAL VACUUM AND ACOUSTIC TEST WITH THE SV. ACCORDINGLY, OUR SCHEDULE PRECLUDES THE INTEGRATION OF GEO-PAC DIRECTLY ONTO SV-13. IN FACT, THE CONTRACTOR IS REQUESTING

| DISTRIBUTION |   |   |   |
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THE DETAILS OF THE COST DIFFERENCE FOR INTEGRATION BY FISCAL YEAR ARE SHOWN BELOW FOR THREE FLIGHT GEO-PAC PROGRAM.

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|                | FY 75 | FY 76 | FY 77 | FY 78 | TOTAL |
|----------------|-------|-------|-------|-------|-------|
| WITHOUT PALLET | .250  | 1.000 | .250  | .080  | 1.580 |
| WITH PALLET    | .150  | .750  | .150  | .050  | 1.100 |

WE ANTICIPATE RECEIPT OF A DEFINITIZED ECP FOR A THREE FLIGHT GEO-PAC PROGRAM NLT 6 SEP 74. COSTS WILL BE QUOTED BOTH WITH AND WITHOUT PALLET. THE COST DIFFERENCE IS NOT GREATER BETWEEN INTEGRATION WITH AND WITHOUT THE PALLET FOR THE FOLLOWING REASONS:

(1) MESA ACCELEROMETERS ARE NOT PHYSICALLY LOCATED ON THE PALLET.

(2) EXPERIMENTERS MUST PROVIDE OWN TAPE RECORDERS AS STUDIES HAVE SHOWN NO SINGLE TAPE RECORDER COULD SATISFY ALL POSSIBLE CANDIDATE EXPERIEMENTS.

(3) THERMAL ENVIRONMENT REQUIRES INVESTIGATION AND CONTROL FOR EACH CANDIDATE EXPERIMENT. ACTIVE THERMAL CONTROL WAS CONSIDERED AND REJECTED AS MAKING THE PALLET PECULIAR COSTS UNACCEPTABLY HIGH.

(4) COSTS ARE RECOGNIZED FOR INTEGRATION OF EXPERIMENTS TO PALLETS, TESTING AND INSTALLATION ON HOST VEHICLE. EFFORTS ARE BEING MADE TO FURTHER REDUCE THESE INTEGRATION COSTS.

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2. THE COST BREAKDOWNS PROVIDED IN OUR CHARGE 6024 ARE A BUDGET UPDATE TO THE ORIGINAL PALLET OPTION THAT HAS BEEN PENDING APPROVAL SINCE OUR APRIL BUDGET SUBMISSION. FUNDS REQUESTED IN CHARGE 6024 FOR FY 75 AND OUT YEARS ARE IN ADDITION TO APPROVED PROGRAM DIRECTION FOR HEXAGON. FUNDS ARE NOT AVAILABLE WITHIN THE HEXAGON PROGRAM TO FINANCE PALLET DEVELOPMENT.

E-2 IMPDET

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