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SRV - SATELLITE RECOVERY VEHICLE

RV - REENTRY VEHICLE

A45 - SRV'S AS USED ON C, M, J-A, L, A

K-10 - J PROGRAM 30 DAY CERTIFICATION  
SRV TESTING - DEVELOPMENTAL

K-11 - J PROGRAM - PRODUCTION OF SRVS

J-A - FIRST SRV ON A J PAY LOAD SYSTEM

J-B - SECOND SRV ON A J PAY LOAD SYSTEM



Declassified and Released by the NRO

In Accordance with E. O. 12958

on NOV. 26 1997

SATELLITE RECOVERY VEHICLE CERTIFICATION

J- PROGRAM

BACKGROUND: MAXIMUM USE IS TO BE MADE OF THE EXISTING SRV SYSTEMS FOR THE J PROGRAM, I.E. MARK 51 SRV IS USED ON THE PRESENT PROGRAMS (C, M, J, J-A)

PRICIPLE: TO CERTAIN BY TESTING THAT THE ENTIRE AHS SRV SYSTEM MEETS ALL MISSION OBJECTIVES OVER ANY ENTIRE J MISSION PROGRAM.

J MISSION: 30 DAYS IN ORBIT

5	DAYS	OPERATIONAL
20	DAYS	INACTIVE
5	DAYS	OPERATIONAL
<hr/>		30 DAYS TOTAL

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30 DAY SRV CERTIFICATION TEST

LOCATION: GE, PHILADELPHIA, PENNA

DATES: 2 MAR THRU 1 APR 63

CONFIGURATION: A-4S SRV COMPLETE WITH FILM SAMPLES, F-101S RETRO ROCKET.

TEST: 30 DAY SRV MISSION ALTITUDE: THERMAL

30 DAY SRV EVENTS, TEMPS MONITORED. NORMAL RECOVERY SEQUENCE PERFORMED AT END OF MISSION.

RESULTS: SRV PERFORMED NORMALLY EXCEPT FOR THE LOW TIME LIMIT OF THE RECOVERY BATTERY POWER TO THE BEACON & FLASHING LIGHTS. INDIVIDUAL BATTERY 30 DAY TESTS PROVED THIS ALSO.

A TECHNICAL DIRECTIVE WAS ISSUED BY SE. FOR GE TO PROVIDE A LARGER CAPACITY RECOVERY BATTERY OF 8 AMPERE HOURS.

OTHER ITEMS: RETRO ROCKET WAS TESTED TO K10 ENVIRONMENT AT GE'S VENDOR - RESULTS - OK

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STATUS

1. THE SRV FOR J-B HAS BEEN CERTIFIED BY GE FOR THE J MISSION - EXCEPTING THE 8AH RECOVERY BATTERY
2. THE 8AH BATTERY IS CURRENTLY COMPLETING CERTIFICATION TESTING & SHOULD BE CERTIFIED NEXT WEEK
3. 8AH BATTERIES HAVE ALREADY BEEN RECEIVED AT AP & ONE IS INSTALLED IN J-2B SRV.
4. 8AH BATTERY WEIGHS 12.1 LB VS 8.6 LB FOR 5 AH BATT.

REPORTS

GE CERTIFICATION TEST REPORTS MAKE AVAILABLE FOR REVIEW

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