

CONTRACT NAS-8-4016

DESCRIPTION

SCHEDULE I. SUPPLY OF 14 STAGES(S-I&S-IB)

SCHEDULE II. LAUNCH VEHICLE INTEGRATION
EFFORT

SCHEDULE III. MECHANICAL GROUND SUPPORT
EQUIPMENT (MSFC)

SCHEDULE IV. LAUNCH MISSION (KSC-I)

SCHEDULE V. SPECIAL TEST MISSION
(HUNTSVILLE)

SCHEDULE VI. PROCUREMENT OF LONG LEAD
TIME COMPONENTS FOR STAGES -
S-I-B-13, 14, 15 & 16.

CHART 1

required to solve the difficulties which occur on the floor of the plant at Huntsville and at the Cape.

On our qualification program status, all of the stage flight critical hardware has been qualified for first manned flight. There were 96 items qualified by analysis and 118 items qualified by test programs making a total of 214; 153 interim test figure reports were written on those 118 items. Some of those reports were written on failures that occurred outside of the required range of qualification requirements. Some were written on failures that happened within the requirements. Design changes have been developed, processed, and tested on 26 of the 118 items. There were 26 cases where the failures during the qualified test occurred within the requirements and where some change had to be made.

Under the reliability program, the program has been completed. Reliability test programs have been conducted on over 200 flight critical items. As of near the end of January, we have issued 284 test failure reports. Some of these occurred outside of the require-