


HCC REPORT NO. 3141-60.18

PROJECT APOLLO
TASK MSC/TRW ASFO-49A

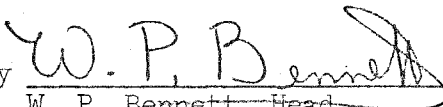
CSM ELECTRICAL POWER APPROXIMATION PROGRAM
PROGRAM NO. HE006A USER'S MANUAL

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ABSTRACT

The CSM electrical power approximation program is used for making rough approximations of CSM bus voltage, battery current and power, fuel cell current and power, cryogenic consumptions and water produced, from known values of AC and DC average loads, for various mission activities. The following assumptions are made: no SM load, symmetric power distribution and negligible source to bus line loss. This program is written in FORTRAN IV for the IBM 7094 system and FORTRAN V for the SRU 1108 system.