

1.6 CONVERSION TO NEW GENERATION EQUIPMENT

During fiscal year (FY) 1967 and early 1968, the three MSF Centers will be engaged in making major equipment changes, primarily from second- to third-generation computers. At KSC, the GE 635 system installed in the CIF will be expanded to provide for simultaneous testing of multiple vehicles. The expansion will permit centralization of all computing that formerly required separate machines.

At MSFC in Huntsville and at Slidell, all of the existing general-purpose computers are being replaced by a central multiprogrammed-multiprocessor system at each location. Involved in the change are 39 computers that will be replaced by centrally located UNIVAC 1108 II computers being phased in by late 1968.

The third-generation general-purpose scientific and engineering computers at MSC will be installed in early 1967. The MCC is in the process of converting to IBM 360/75 computers, with the target for completion being early calendar year 1967.

1.7 COMPUTER COSTS

The total computer-equipment costs in MSF are illustrated in figure 1-2. Total equipment costs for FY 1967 are \$7,800,000 less than those for FY 1966, and FY 1968 costs are \$6,500,000 less than those for FY 1967. These reductions are a direct result of installing third-generation equipment, as well as of the centralization of computational capability wherever possible.