

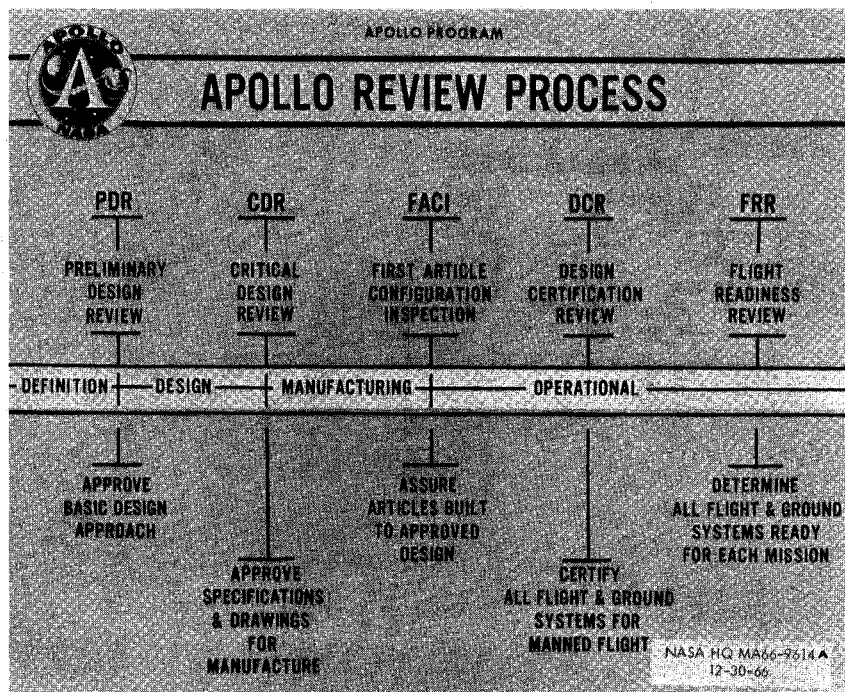


FIGURE 55

These reviews, inspections, and certifications are oriented to the hardware development and mission phases of the Apollo program. They progressively insure, at appropriate points in the program life cycle, that sufficient visibility is obtained of the status of design, manufacture, and testing to determine the integrity of the system prior to mission accomplishment.

Data management

The area of data management has continued to receive strong attention in the Apollo program in the interests of both increased efficiency and decreased cost. Several specific systems were generated for this purpose (fig. 56, MA66-9684).

Automated data management information system

An automated data management information system was developed to provide for the interchange of data about documentation between the various Manned Space Flight Centers and the Apollo Program Office. This interchange is accomplished through the use of standard codes and terms which facilitate the direct use of the data by all organizations using the system. The information system provides current status of key program documents, and affords direct access to document data through a keyword index.

Automated document distribution control system

An automated program for the control of document distribution enables program information to be made available to those who need it at the time it is needed. Middleman handling of document copies has been reduced, and the number of document copies produced and distributed has been reduced.

Data costing, accounting and reductions

Further concentration on cost reduction has been brought about by creation of an ad hoc subcommittee for cost accounting and identification. Standard