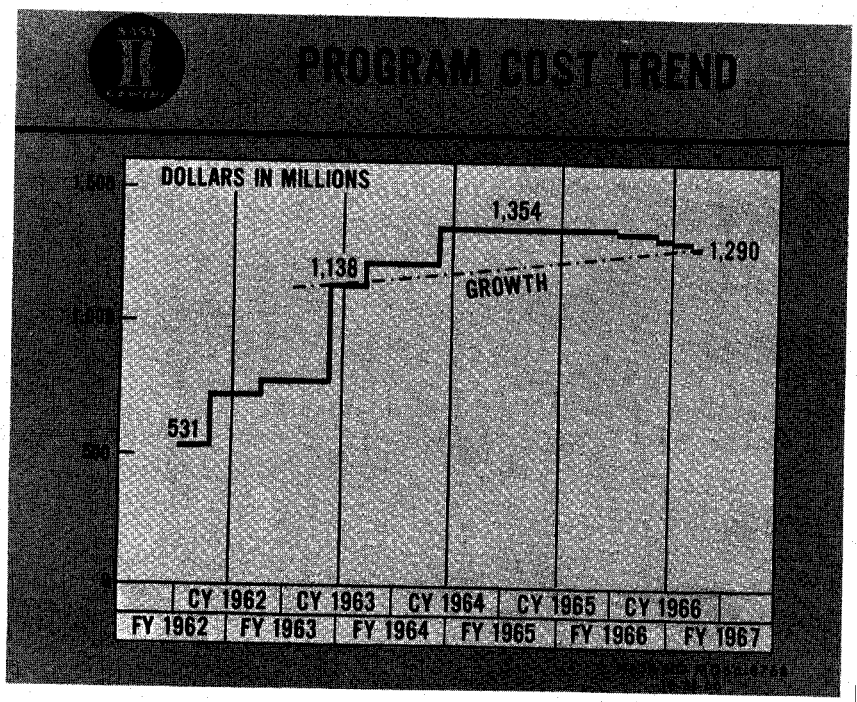

FIGURE 16

An additional saving of approximately $10 million was realized during the development of the heat shield qualification spacecraft. This program involved refurbishing the Gemini II spacecraft and providing it with a new heat shield that incorporated a personnel transfer hatch. The program was managed by the Gemini program office under Air Force direction and was highly successful.

In addition to the MOL program, numerous other uses have been made of Gemini equipment. Gemini fuel cells, for example, have been transferred to the NASA biosatellite program and to the Navy's Marine Engineering Laboratory for experimental use. Flight computers are being put to such diverse use as components of a collision avoidance experiment to be undertaken by the Federal Aviation Agency; components of a development program by the Department of Defense; and as part of an experiment for the Apollo Applications program. The Apollo and Apollo Applications program will reuse significant amounts of Gemini equipment in direct support. Finally, Gemini spacecraft have been exhibited in a number of foreign countries and have been viewed by more than 1 million people. A spacecraft to be exhibited at the Canadian International Exposition will be seen by an estimated 45 million visitors.

OPERATIONAL RESOURCES

The operational resources developed and perfected during Gemini are now available to support Apollo and Apollo Applications pro-