

TABLE 2-I.- SUMMARY OF TESTS AT KENNEDY SPACE CENTER
DURING FY 1967^a

Program	Launches	Simulated tests	Lab tests	Total
Gemini	3	4	8	15
Centaur	6	18	36	60
Saturn/Apollo (unmanned)	4	16	3	23
Saturn/Apollo (manned)	2	2	70	74
Lunar Orbiter	3	9	--	12
Atlas Agena	3	4	--	7
Totals	21	53	117	191

^aEstimated.

Administrative and management data processing constitutes a portion of the total KSC computer workload. The major portion of this data processing is being done on an IBM 7010 and an IBM 7010/1440 system located in the CIF. This is the normal data processing load for the management of a large NASA Center, as well as support provided to contractors and to other NASA Centers for project-related activity.

The scientific application of computers at KSC provides capability for prelaunch testing and launch support of NASA space vehicles. The prelaunch requirements include computation of acquisition angles for tracking systems, safety curves, coordinate transformation, doppler frequencies, wind shear, and acoustical levels. Real-time computing capability is provided at KSC to support launch simulations and actual launches. Real-time requirements include the processing of meteorological, impact prediction, vehicle TM, guidance, communications, and display data. A quick-look data-reduction capability is maintained to allow immediate evaluation of launch data. The need for this