Next is the qualification test program (fig. 13). The objective of this program is to verify that components and subsystems perform their required functions when subjected to their most critical operational environments. The environment in a rocket is extremely severe

STATIC FIRING TEST PROGRAM

OBJECTIVE:

- VERIFY THAT ALL STAGE SYSTEMS WILL PERFORM TO THEIR OPERATIONAL REQUIREMENTS WHEN INTERACTING WITH EACH OTHER ON A COMPLETE STAGE IN A FIRING ENVIRONMENT

SCOPE:

- S-IC-T UNDERWENT 15 STATIC FIRINGS FOR TOTAL OF 867 SECONDS

STATUS:

- COMPLETE

FIGURE 12

QUALIFICATION TEST PROGRAM

OBJECTIVE:

VERIFY THAT COMPONENTS AND SUBSYSTEMS WILL PERFORM THEIR REQUIRED FUNCTIONS WHEN SUBJECTED TO THEIR MOST CRITICAL OPERATIONAL ENVIRONMENTS

SCOPE:

1136 PARTS TO BE QUALIFIED

STATUS:

1095 PARTS WITH TESTS SUCCESSFULLY COMPLETED (96 PERCENT COMPLETE)

TWO PARTS FOR S-IC-1 REMAINING (TO BE COMPLETE 2-27-67)

FIGURE 13