

PRINCIPAL KSC RESPONSIBILITIES

1. PREPARE, CHECKOUT, AND LAUNCH ASSIGNED NASA SPACE VEHICLES.
2. ASSURE FLIGHT HARDWARE CONFIGURATION CONTROL BY DEVELOPMENT CENTERS.
3. DEVELOP NEW LAUNCHING CONCEPTS AND PROVIDE LAUNCH REQUIREMENTS AFFECTING LAUNCH VEHICLE AND S/C DESIGN.
4. DESIGN, INSTALL, AND OPERATE LAUNCH FACILITIES, INCLUDING GSE.
5. FURNISH ON-SITE TECHNICAL AND ADMINISTRATIVE SUPPORT FOR ALL NASA PROGRAMS.
6. PROVIDE NASA A SINGLE CHANNEL FOR OBTAINING LAUNCH SUPPORT FROM THE EASTERN TEST RANGE.
7. ASSURE GROUND SAFETY COMPLIANCE FOR ALL NASA MISSIONS.

FIGURE F-7

classed as institutional, sometimes called administrative and base support. In contrast, the research and development appropriation funds support activity commonly classed as technical.

First, to give you an idea of the range of functions performed to meet this responsibility, I will list some types of technical support we supply. On this chart—figure F-8—you will notice such technical items as chemical laboratory support, machine shop, and other types of technical shop support. Items like propellants and communications are obviously directly essential to launch operations and tests. These facilities and services are funded by KSC contracts and are paid for by research and development funds.

Representative WAGGONER. How much money are you spending for hurricane protection?

Mr. MILLER. Pardon me?

Representative WAGGONER. How much money are you spending for hurricane protection?

Dr. DEBUS. That's mostly on facilities. It cost much more if they are hurricane proof.

Mr. MILLER. I can't identify the specific dollars, but obviously it varies. When a hurricane warning comes we sandbag, tie down things and, of course, if we have no hurricane alert we don't provide this service.

Dr. DEBUS. We move a lot of things. We took 500 F back because the hurricane was brewing. The alarm came at 1 p.m. and it was secured by 9 or 10 p.m. back in the Vehicle Assembly Building.

Mr. MILLER. It could be very expensive, and, if it were not done, it might be even more expensive.

Mr. SIEPERT. As far as the staff is concerned with this, there are hundreds involved if there is an actual threat, but, in terms of a continuing planning job on it, we focus on one contractor a full-time responsibility, really, on one man to keep constantly thinking of this,