

NAS8-4016 MANNING HISTORY

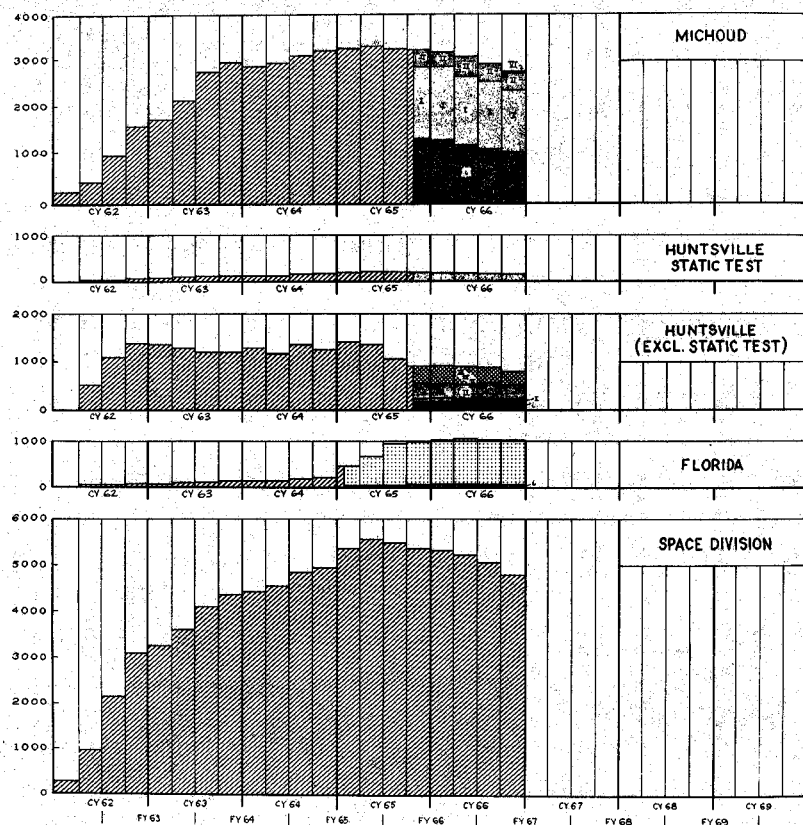
TOTAL PERSONNEL
DIRECT &
INDIRECT


CHART 2

ments of reliability, and some occurred inside. In 54 cases, items have had to be changed. Changes have had to be developed on either the design of a part or of the processing and then have been successfully tested. That's what you get out of the reliability and qualification programs.

SLIDE PRESENTATION

Now, I'll show you just five or six of the more interesting test items in qualification and reliability. The first one is the slide which shows the qualification test on the tail. May I have the first slide. You saw this. There were over 600 channels of information connecting this with the data center while the loads were being applied, and the tail was qualified on the first test. Second slide. This is the 70-inch-diameter liquid oxygen tank. This has been tested up to 140 percent of design limit loads. It was the last major item to be quali-