

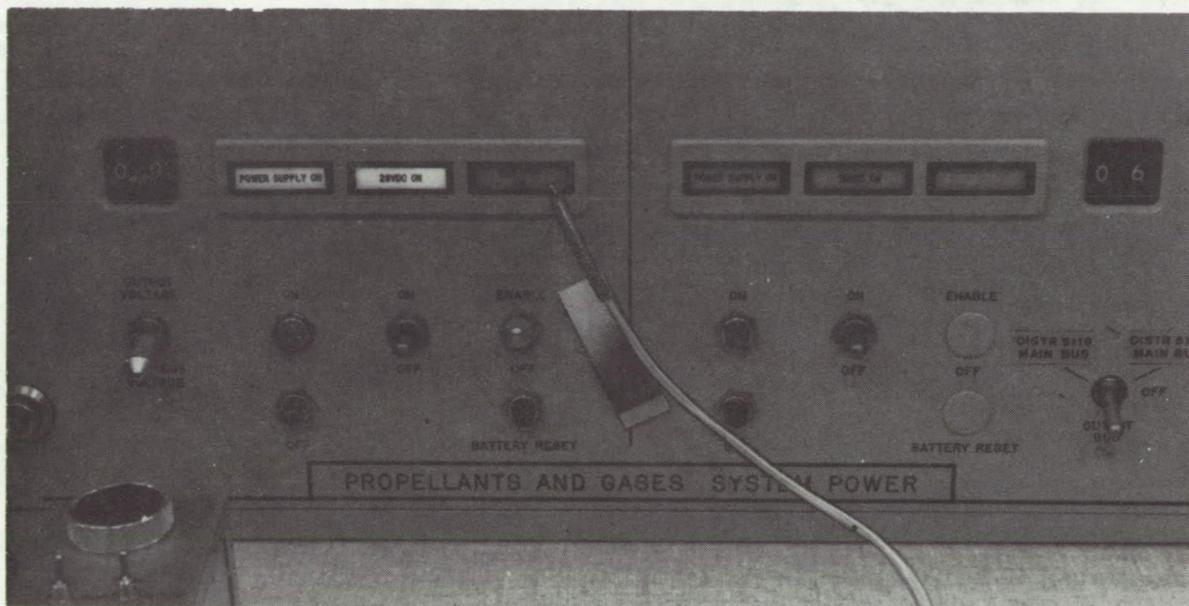
NASA TECH BRIEF

John F. Kennedy Space Center



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An Absentee Monitoring Device



The problem:

When an operator is quite busy, he may overlook a key warning light on a display panel. An easily attached, supplemental warning device is needed for some crucial systems in order to positively notify the operator, even though he is not in the immediate vicinity of the display panel.

The solution:

An audio alarm system has been designed to permit very simple attachment to a display system. It is not necessary to remove the panel or make any wiring connections.

How it's done:

A photodiode is taped to the display panel (see figure) where it will detect any activation of the warning light. This unusual method of attachment permits the

device to be quickly installed or moved to another warning light without any tools or disassembly. The photodiode is connected by a wire to a small box containing a self-powered audio alarm. Several photodiodes may be attached to the same alarm box, and with some extra effort, a time recorder may be installed to record the moment and duration of the warning signal.

Note:

No additional documentation is available. Specific questions, however, may be directed to:

Technology Utilization Officer
Kennedy Space Center
Code AD-PAT
Kennedy Space Center, Florida 32899
Reference: B72-10578

(continued overleaf)

Patent status:

NASA has decided not to apply for a patent.

Source: A. L. Meadows and D. C. Birch of
The Boeing Company
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