NASA TECH BRIEF

Mylar Film Eliminates Silk Screening of Equipment Panels

The problem:

To apply or revise equipment panel designs and nomenclature quickly and at low cost. Prior art used the silk screen process which requires surface preparation and drying time after application.

The solution:

Photograph equipment panel designs and nomenclature on Mylar film.

How it's done:

The equipment panel and nomenclature design is photographed on 0.0050-inch clear Mylar film. After development, the reverse side of the film is opaqued and then coated with an adhesive. The film is then cut to size and impressed upon the equipment panel. The panel itself should be used as a template to cut hardware mounting holes in the Mylar overlay.

Notes:

1. For redesigns and revisions in the panel nomenclature simply peel off the Mylar overlay and replace. No scraping or surface preparation is required.
2. Mounting holes in the panel which have been relocated need not be plugged. The Mylar film will cover them adequately.
3. Inquiries concerning this invention may be directed to:

   Technology Utilization Officer
   Manned Spacecraft Center
   Houston, Texas 77058
   Reference: B66-10455

Patent status:

Inquiries about obtaining rights for the commercial use of this invention may be made to NASA, Code GP, Washington, D.C. 20546.

Source: D. R. Conger
of North American Aviation, Inc.
under contract to
Manned Spacecraft Center
(MSC-798)

Category 05