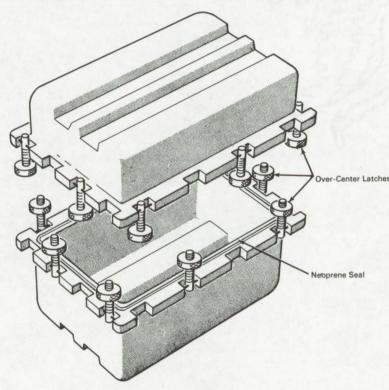
June 1966

# NASA TECH BRIEF

NASA Tech Briefs are issued to summarize specific innovations derived from the U. S. space program and to encourage their commercial application. Copies are available to the public from the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.

# Fiberglass Container Shells Form Contamination-Free Storage Units



### The problem:

To provide a set of container halves which can be joined to form storage units of various depths. The units should be easily transportable and protect contents from contamination.

#### The solution:

A series of interchangeable molded fiberglass shells which lock together to form contamination-proof storage units.

#### How it's done:

The rectangular shells are manufactured in four basic sizes ranging from 26 by 32 inches to 50 by 50 inches and varying in depth from 4 to 32 inches in 4-inch increments. Shells of the same size may be paired to form a container of the depth desired. There is no top or bottom component. Latches, of the overcenter type, are inverted alternately so that all shells of a given size are interchangeable. A neoprene seal (continued overleaf)

This document was prepared under the sponsorship of the National Aeronautics and Space Administration. Neither the United States Government nor any person acting on behalf of the United States Government assumes any liability resulting from the use of the information contained in this document, or warrants that such use will be free from privately owned rights. between the shells keeps the contents free of dirt, dust, water, and vapor. All shells have external configurations to accommodate forklift trucks, eliminating the need for separate lift pallets. The interior surfaces are smoothly finished and have contoured corners to permit thorough cleaning.

## Notes:

- 1. The containers comply with clean room requirements and the materials from which they are built are compatible with clean room procedures.
- 2. Versions of this container could be used in hospitals to store or transport sterile equipment, clothing, or bedding.
- 3. The containers are capable of holding components weighing up to 1,500 pounds.

4. Inquiries concerning this innovation may be directed to:

> Technology Utilization Officer Western Operations Office 150 Pico Boulevard Santa Monica, California, 90406 Reference: B66-10217

# Patent status:

No patent action is contemplated by NASA.

Source: Henry M. Kraus of North American Aviation, Inc. under contract to Western Operations Office (WOO-275)