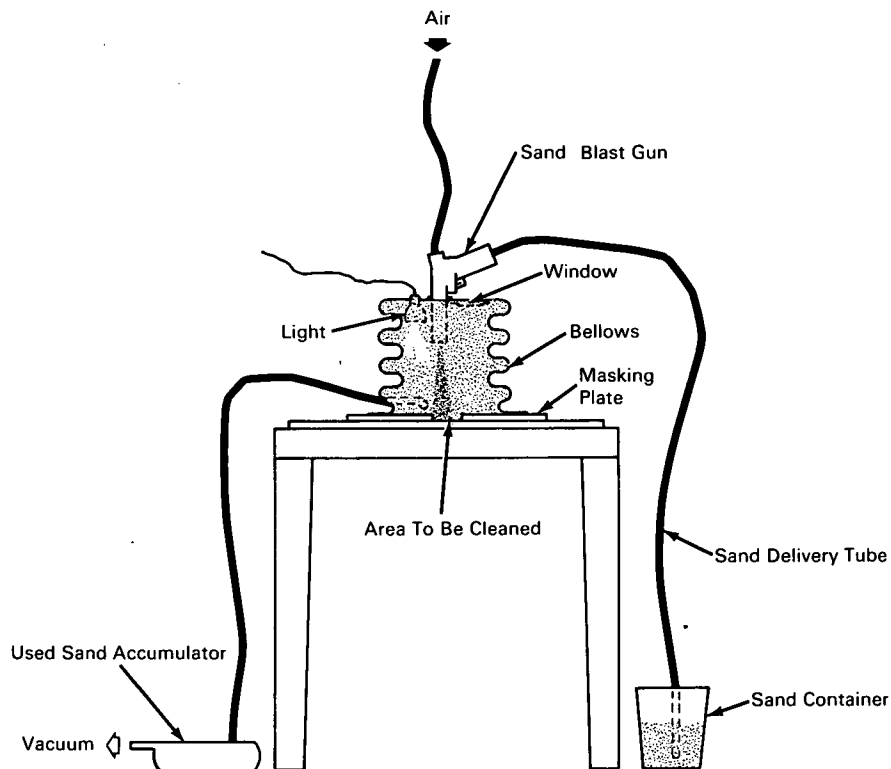


# NASA TECH BRIEF



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.

## Portable Sandblaster Cleans Small Areas



### The problem:

To provide a rapid and effective means of cleaning localized areas on a metal surface.

### The solution:

A portable sandblasting unit incorporating a bellows enclosure, masking plate, sand container, and used sand accumulator connected to a vacuum system.

### How it's done:

The sand is drawn by suction through the delivery tube into the blast gun, which fits into an opening at the top of the bellows. The bellows rests on a masking plate positioned to expose a small area of the workpiece to the sand blast. The used sand and abraded particles are recovered in the accumulator, which is connected to a vacuum system. The bellows

(continued overleaf)

is equipped with an inspection window and light for observation of the sanding operation.

**Note:**

Inquiries concerning this innovation may be directed to:

Technology Utilization Officer  
Manned Spacecraft Center  
Houston, Texas, 77001  
Reference: B66-10242

**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: H. J. Severin  
of North American Aviation, Inc.  
under contract to  
Manned Spacecraft Center  
(MSC-523)