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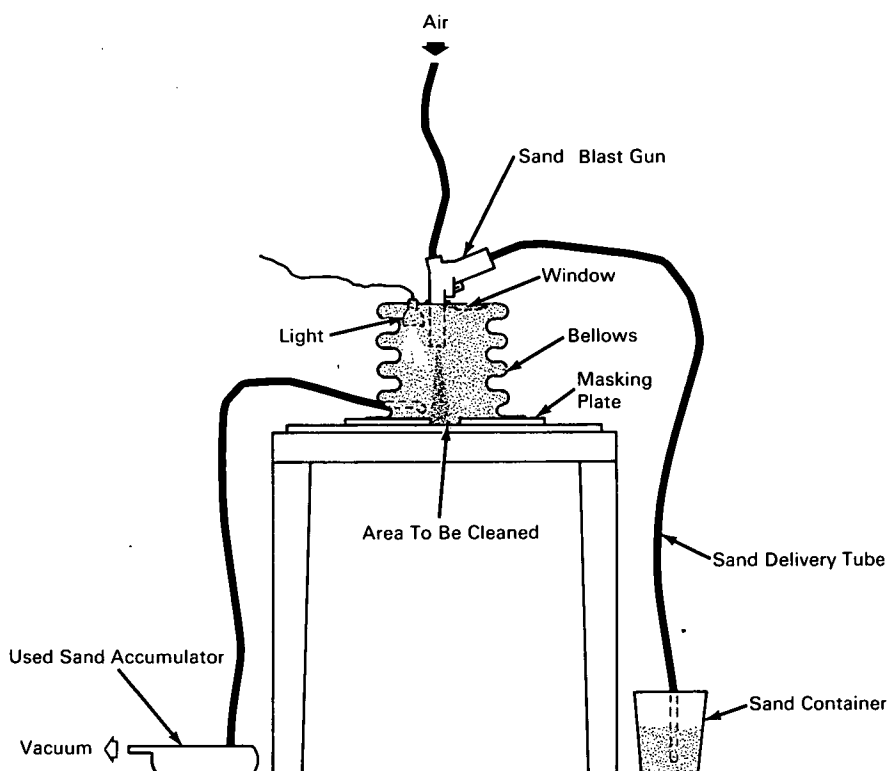
Brief 66-10242

NASA TECH BRIEF



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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.
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Manned Spacecraft Center
(MSC-523)