

CASE STUDY

Clemco Industries | <https://clemcoindustries.com>

Enhancing Airplane Maintenance

Problem

This customer blasts large airplane turbine engine components but has difficulty loading and unloading parts in their tight footprint. Clemco specifically tailored a 5' x 5' blasting cabinet for this application.

Solution

A mounted jib crane and hoist efficiently load parts onto a swing-arm turntable. The low-pressure capable blast machine accommodates various tasks such as cleaning and coating stripping, easing the burden of diverse job requirements. Smart elements like blast pot level sensors and media screening minimize downtime by ensuring optimal blasting conditions. The advanced dust collection system not only extends maintenance intervals with a 55-gallon waste drum but also streamlines operations through automated pulse controls and closed-loop airflow regulation. These customer-centric features alleviate operational challenges, making the cabinet a solution that precisely addressed these unique pains. ●



Clemco's specifically tailored 5' x 5' blasting cabinet with a mounted jib crane and hoist.

For more solutions in Aerospace, including helicopter rotor blade components, jet plane turbine engine cowl components, and tall turbine engine blades, visit <https://clemcoindustries.com/aerospace-solutions>.



Shot Peening

NDT

Mass Media Finishing

Aerospace, Military & Commercial Approvals

**FAA Repair Stations
KJ1R272K (CT) &
G89R878X (GA)**

On-site Capabilities



**Surface Enhancement (CT & GA)
Nondestructive Testing (GA)**



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