

Textron Aviation

Wichita, Kansas | 20'W x 15'H x 40'L Blast Room & Heavy Particle Separation System



PROJECT OVERVIEW

VES completed the removal, replacement, and refurbishment of the existing wheat starch blast system at Textron Aviation in Wichita, Kansas. The upgraded system delivers maximum operator protection, improved dust containment, and high-efficiency media recovery and reclamation for continuous soft-media blasting operations.

The new system supports two blast operators with independent hoses and nozzles, incorporates a below-grade recovery floor, heavy particle separation equipment, and a 30,000 CFM NANO cartridge dust collector with HEPA filtration.

All equipment is controlled through a 15" PLC touchscreen panel, providing full automation and monitoring for dust collection, media flow, recovery, and system safety functions.

EQUIPMENT SUPPLIED

- Refurbished 20'W x 15'H x 40'L blast room
- Below-grade pneumatic recovery floor
- VET-II two-operator blast machine
- 30,000 CFM NANO cartridge dust collector
- Integrated HEPA filtration
- Two 360° blast hose swivel hangars
- Two StealthStrip™ low-noise blast nozzles
- Precision-Drive media control valves
- 75 & 100 cu. ft. media storage hoppers
- Vibratory classifier / separator
- Magnetic separator & ionizer
- 12" Heavy Particle Separator (HPS)
- 15" PLC touchscreen control panel
- New LED lighting, seals, doors & windows
- New reinforced equipment roll-up door
- Air inlet filters and exhaust silencers

SYSTEM HIGHLIGHTS

- Designed for soft media applications
- Two-operator blasting capability
- Continuous media recovery, reclaiming & recycling
- Guaranteed clog-free recovery floor design
- HEPA filtration for maximum dust protection
- 100 FPM cross-flow ventilation
- Precision media flow up to 1,200 lbs/hr
- PLC control of key system functions
- 360° swivel hangars reduce fatigue & hose wear
- Heavy particle separation for cleaner reusable media
- Noise reduction with StealthStrip™ nozzles
- Comprehensive installation, startup & training



Contract Date:
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Veteran Equipment Sales
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