



# Tobyhanna Army Depot

## zeroG Arm Implementation





D/Continuous Process Improvement  
Process Engineering Division  
Patrick Tierney  
24FEB2015





# Installation Characteristics

**1,296 Total Acres**  
**Reversionary Rights to 21K Acres**  
**Total Value: \$1.1B**  
**2.4M SF Mission**  
**61% Under One Roof**  
**15% Efficiency Factor**

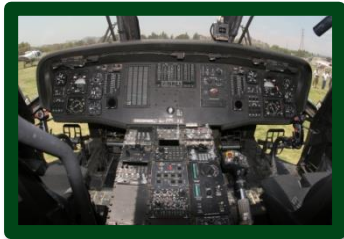
-  C4ISR Mission Area
-  DLA Supply and Storage
-  LOGSA Facility
-  Integrated C4ISR Antenna and Range Radar Campus
-  Regional Training Site - Maintenance







# C4ISR Systems



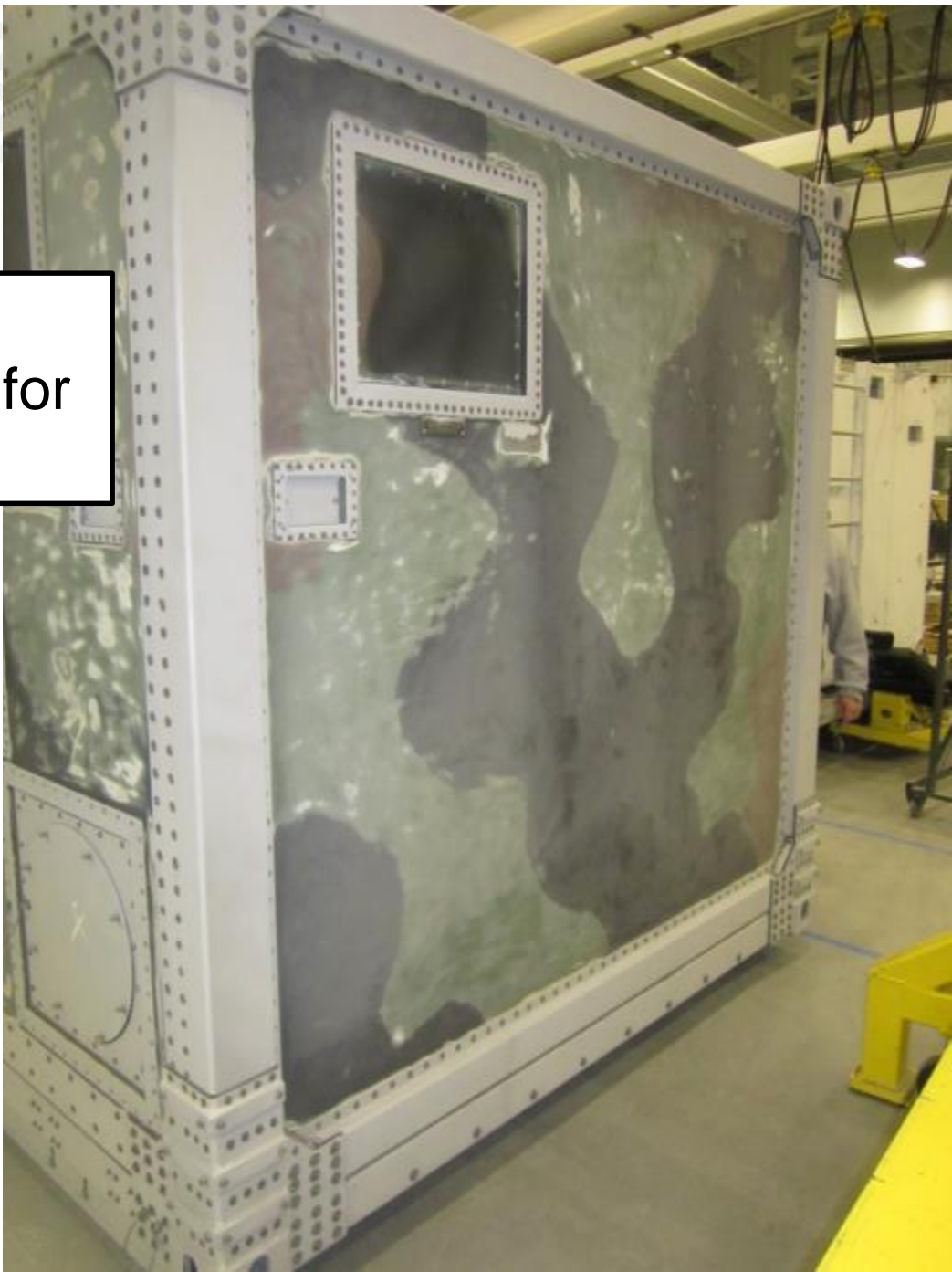


zeroG  
arm on jib

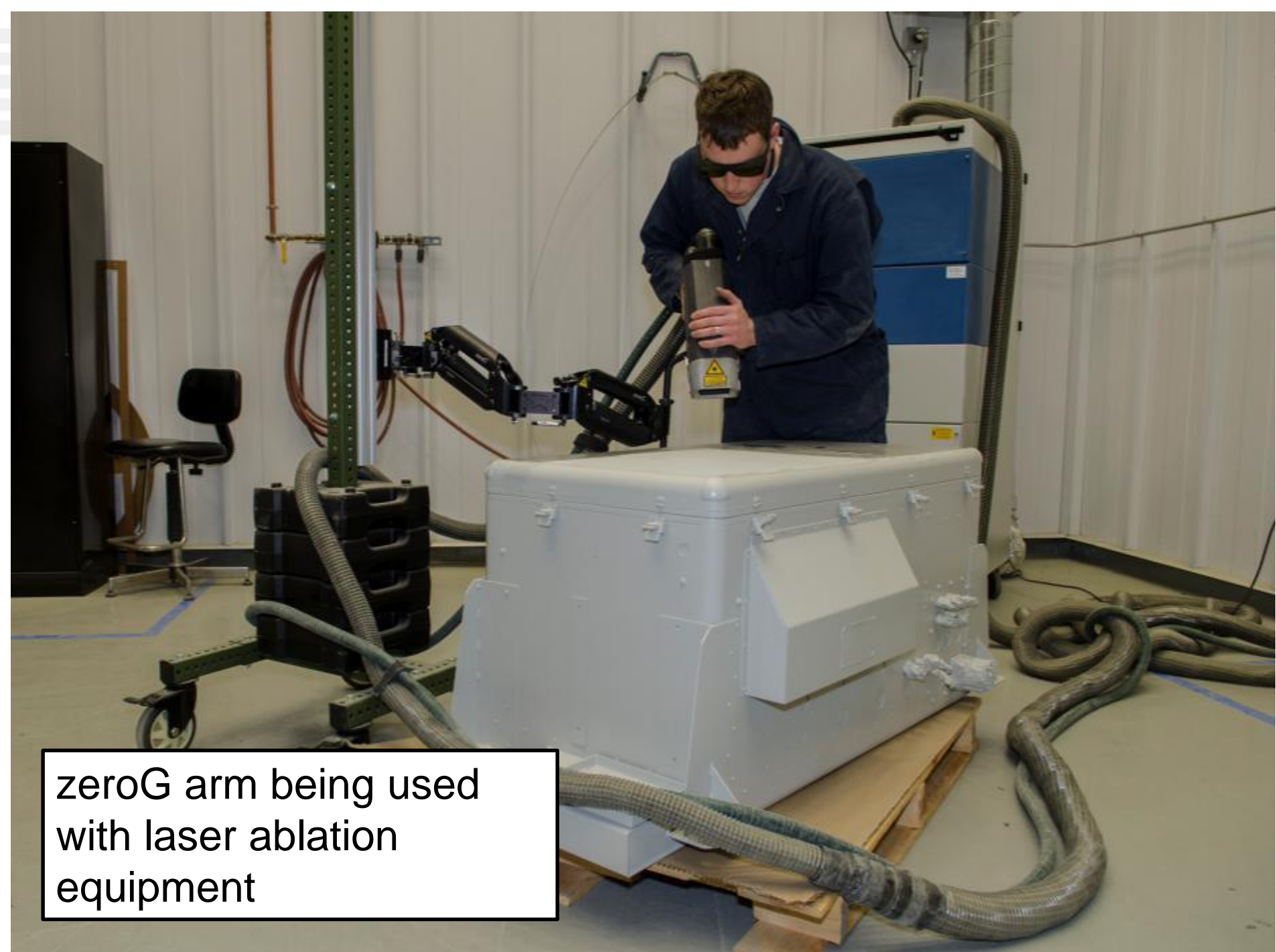




Original application for zeroG arm







zeroG arm being used  
with laser ablation  
equipment

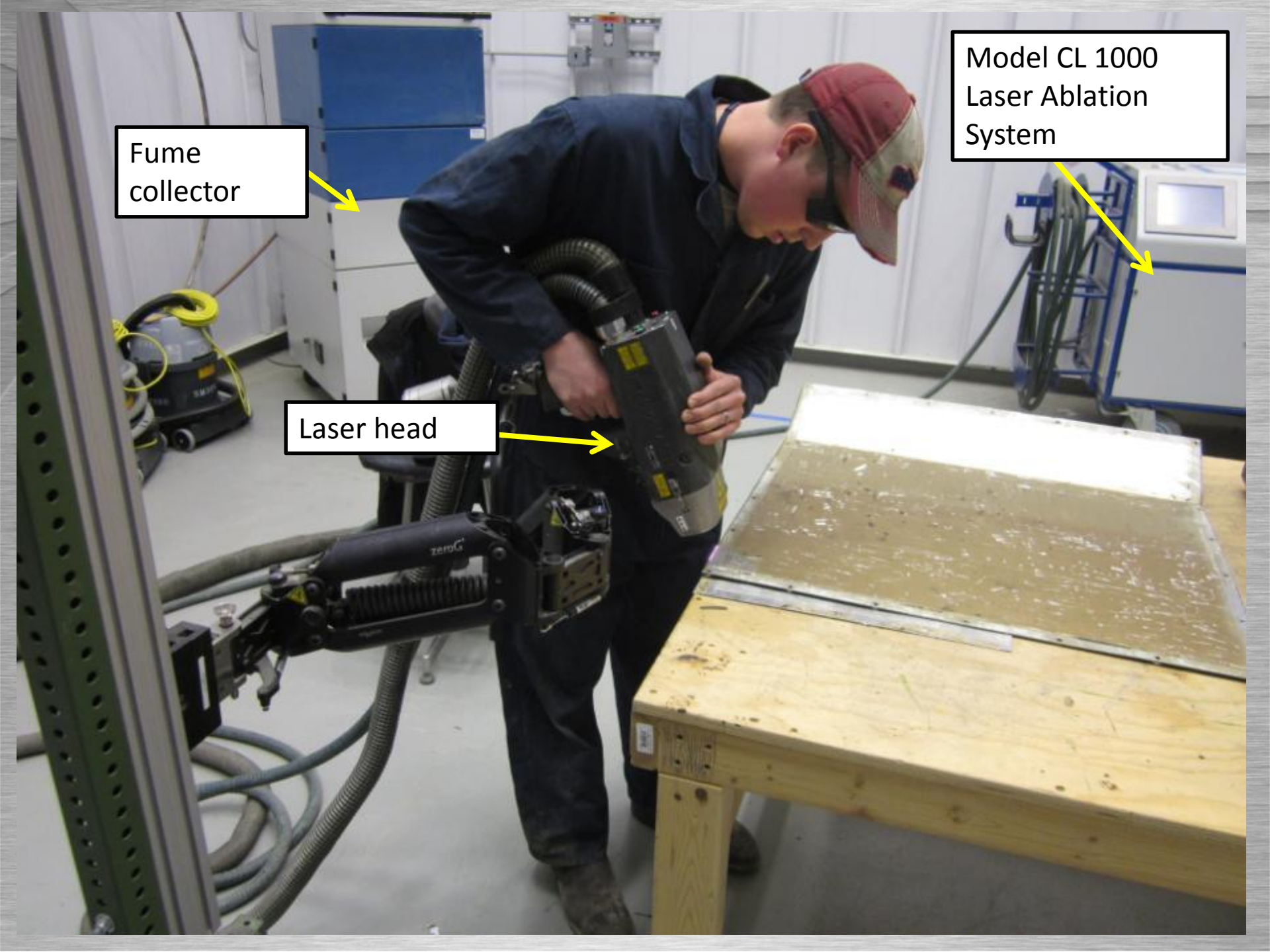
Fume collector



Laser head



Model CL 1000  
Laser Ablation  
System







Laser end effector being attached to zeroG gimble







TYAD fabricated tool interface attached to zeroG gimble





# At the End of the Day...



**It's all about the Warfighter!**

