



U.S. ARMY

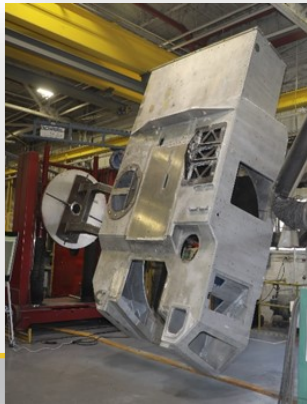
LETTERKENNY ARMY DEPOT

Innovation



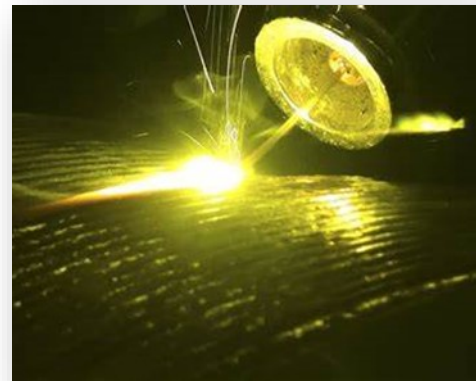
Wire-Arc Additive Manufacturing Goals:

- Produce components in-house
- Eliminate tooling costs
- Reduced time to produce parts
- Reverse engineering obsolete components
- Support trailer and shelter brackets



Laser Ablation Goals:

- Increase flexibility
- Improved quality on materials that require paint/corrosion/coating removal in tight quarters
- Reduce rework labor caused by heat buildup due to blasting on thin skin substrates or areas requiring finer detailing



Weld Rotisserie Goals:

- Work to add additional Military assets to be welded in positioner
- Purchase positioners that have ability to tilt
- Improve/Update fixture

Other Initiatives:

- Safety Stock
- PATRIOT Radar Element Map Projector
- High Speed Tooling for use in High Efficiency Machining (HEM)
- Containerized Kitchen Canvas Covers
- Generator Energy Recapture
- Fiber Optic Cable Fabrication, Inspection & Test
- Automated Tool Control (ATC), Modernized Tool Boxes
- Power Tool Rechargeable Battery Adapter
- PATRIOT Waterfall
- Wheel Alignment System

