



## Use Case

# Maintaining Operational Effectiveness – Trident Warrior 2025

Delivering certified, production-grade parts through direct manufacturing.

For government and defense programs where operational readiness is critical, **Stratasys technologies** and **Stratasys Direct contract additive manufacturing** deliver direct-to-customer parts on demand that bypass conventional manufacturing supply chains, enabling rapid field support.

### Stratasys Technologies

- Five additive manufacturing technologies
- Software that secures, scales, and simplifies
- Enterprise-grade cybersecurity
- Unparalleled worldwide service, support, and training

### Stratasys Direct Contract Manufacturing

- Three Centers of Excellence in the continental U.S.
- ISO 9001 and AS9100 certifications
- DDTC / ITAR registered
- Over 200 in-house industrial 3D printers
- Diverse polymer material capabilities and custom-formulated materials
- Proven performance across business and government sectors



### Demonstrated Capability

#### Challenge

During Trident Warrior 2025, the U.S. Navy's Fleet Experimentation Exercise, Stratasys and Stratasys-supported sites responded to several task orders focused on testing specific technologies and concepts in operational, at-sea locations to improve warfighting capabilities.

#### Solution

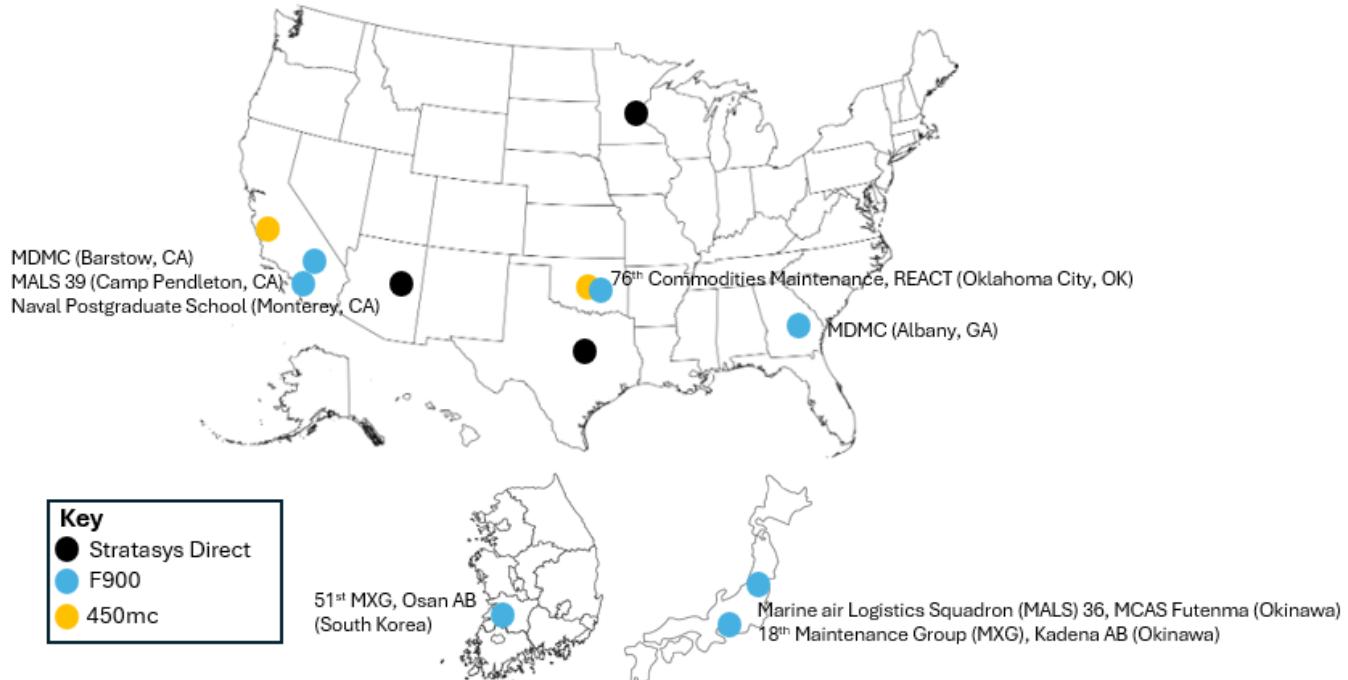
Seven forward-deployed manufacturing locations responded using Stratasys 3D printing technology. In addition, Stratasys Direct also supplied parts, which included window covers for the UH-1Y Venom helicopter and a gearbox input quill for the MV-22 Osprey.

#### Impact

All task orders were successfully completed using Stratasys technology at field-deployed sites and through Stratasys Direct's U.S. domestic location. Components for these orders met all performance specifications, demonstrating the readiness and capability of additive manufacturing for rapid response, direct manufacturing needs.



## Trident Warrior: Distributed Digital Manufacturing Ecosystem – Organic Capabilities + Stratasys Direct MFG



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Stratasys field-ready 3D printing solutions cut downtime and strengthened mission resilience. Their printers demonstrated a practical, scalable way to support forward-deployed operations and highlight the value of polymer additive manufacturing in real-world conditions.”

**Morgan Bower**  
U.S. Navy Innovation Partner  
FLEETWERX Program Manager

Learn more about how Stratasys additive manufacturing technologies and Stratasys Direct manufacturing services can help government agencies strengthen supply readiness through agile, certified manufacturing.



Stratasys Additive Manufacturing Technologies



Stratasys Direct Contract Manufacturing Services