Phillips FEDERAL DIVISION

MISSION LINK

LINKING YOU TO THE FUTURE OF FEDERAL MANUFACTURING WITH PHILLIPS FEDERAL INSIGHTS & UPDATES. OCTOBER 2026

FEATURED INSIDE

1. Events & Cover Message
2. Phillips Feature
3. More Announcements

UPCOMING EVENTS

Mastering Mastercam Series
October 7, 1 - 2 p.m.
MS Teams

Mastering Mastercam Series
October 21, 1 - 2 p.m.
MS Teams

Click here to see more events

EVENTS

From Production to Flight

ADVANCING DRONE PRODUCTION AT THE TACTICAL EDGE

What if deployed forces could manufacture, assemble, and fly drones in the same operational environment?

In August 2026, Phillips Federal joined Sentinel and the U.S. Marine Corps I Marine Expeditionary Force (I MEF) at Camp Pendleton, California, to demonstrate how advanced manufacturing can move closer to the point of need. The exercise put a self-contained, containerized drone production capability into a realistic field environment, exploring how forward manufacturing can give warfighters greater flexibility to produce and adapt unmanned systems where the mission happens.

During the exercise, drone frames were printed inside a containerized production environment, assembled on site, and flown in live operations just steps from where they were manufactured. This Print → Assemble → Fly approach demonstrated how bringing production closer to operations can shorten the distance between an emerging requirement and a mission-ready capability while reducing reliance on distant and potentially vulnerable supply chains.

But the real value extends beyond producing a drone in the field. Modern operating environments change quickly, and unmanned systems must be able to change with them. By connecting manufacturing directly with operational feedback, warfighters can Print → Assemble → Fly → Learn → Adapt—using lessons from the field to inform future designs and production.

For Phillips Federal, this represents the broader potential of advanced manufacturing at the tactical edge: giving the warfighter another option when traditional logistics cannot move quickly enough. By bringing technology, manufacturing expertise, and production capability closer to the mission, forward manufacturing can strengthen self-sufficiency, accelerate adaptation, and help turn production agility into a mission advantage.

PHILLIPS FEATURE

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CLOSING THE DISTANCE BETWEEN PRODUCTION AND THE WARFIGHTER

The Camp Pendleton exercise demonstrated more than the ability to manufacture a drone in the field. It demonstrated what becomes possible when production, technical expertise, and operational feedback exist in the same environment.
Phillips Federal brought experience supporting Department of War manufacturing requirements, developing drone capabilities, and deploying containerized manufacturing solutions at the tactical edge. Sentinel brought technical expertise in containerization and purpose-built drone print farms.

Together, the teams demonstrated an integrated approach designed to give service members greater control over how quickly unmanned systems can be produced, adapted, and sustained.

The demonstration also drew direct interest from I MEF senior leadership, reinforcing the operational relevance of bringing adaptable manufacturing capabilities closer to deployed forces.

FROM MANUFACTURING CAPABILITY TO MISSION ADVANTAGE

For the warfighter, the value of forward manufacturing extends beyond producing a part faster.
It is about creating greater self-sufficiency, adaptability, and resilience at the point of need.

When requirements change, the manufacturing capability can change with them. When traditional logistics are constrained, forward production can provide another path. And when operators identify lessons in the field, those lessons can potentially feed directly into the next manufacturing cycle.

That connection between the operator and production environment can dramatically shorten the distance between identifying a need and responding to it.

BUILDING THE FUTURE OF FORWARD PRODUCTION

Camp Pendleton represents another step in Phillips Federal's continued work to move advanced manufacturing capabilities closer to the mission.

Through forward production, component kitting, technical expertise, training, and collaboration with military and industry partners, Phillips Federal is helping explore a future in which deployed forces have more options to manufacture what they need, adapt as requirements evolve, and sustain critical capabilities when conventional logistics cannot move fast enough.

The goal is not to replace the traditional supply chain. It is to give the warfighter another option when time, distance, and mission requirements demand something faster.

Because the future of readiness is not only about having the right technology.
It is about having the ability to adapt it—where and when the mission demands it.

SEE THE MISSION IN ACTION

Go inside the Camp Pendleton exercise and hear directly from Phillips Federal leadership about how forward manufacturing, field experimentation, and industry collaboration are helping bring adaptable drone production closer to the warfighter.

WATCH FULL VIDEO

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Phillips Federal is proud to be featured in the “Service to the Fleet” publication, highlighting our continued commitment to strengthening fleet readiness through critical maintenance and sustainment support at Norfolk Naval Shipyard. Click the link below and go to page 30.

READ FULL STORY PAGE 30

Phillips Edge – Mastering Mastercam Open Forum Series, a recurring virtual forum designed to bring Mastercam users together to solve challenges, share techniques, and elevate your programming skills through collaborative discussion every 1 & 3 Wednesday.

SIGN UP TODAY

The Phillips Federal Additive Manufacturing Training Guide offers hands-on courses and consulting tailored to your mission. No two missions are the same. That's why we work with you to develop training that meets your operational goals, technology, and workforce needs. Explore training opportunities today. Connect with the Life Cycle Team to get started

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