Phillips FEDERAL DIVISION

MISSION LINK

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

FEATURED INSIDE

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When mission success depends on speed, adaptability, and readiness, the ability to manufacture critical parts at the point of need becomes a game-changing capability. During the recent 1st Marine Expeditionary Force (I MEF) Field Exercise at Marine Corps Base Camp Pendleton, Phillips Federal demonstrated how expeditionary additive manufacturing is redefining sustainment at the tactical edge—enabling Marines to overcome supply chain delays, accelerate repairs, and maintain operational readiness in real time.

Working alongside Marines and leading additive manufacturing partners, Phillips Federal deployed advanced manufacturing technologies directly into the field to support mission-critical requirements. The exercise showcased how on-demand production can reduce logistical burdens, shorten lead times, and provide warfighters with the tools they need to stay mission-ready in dynamic operational environments.

One of the most significant achievements involved the production of anti-reflective “killflash” devices used to protect weapon optics and reduce lens glint in combat environments. Facing a 59-day back-order delay before the exercise, Marines and Phillips Federal leveraged the EOS P 396 polymer system to manufacture more than 400 killflash units onsite in just two days. The effort not only eliminated a critical supply chain bottleneck but also generated more than $25,000 in cost savings while significantly improving operational readiness.

Throughout the exercise, Phillips Federal also showcased the complementary strengths of advanced manufacturing platforms from EOS, Markforged, BigRep, Phillips Advanced Manufacturing Solutions, and 3YOURMIND. Together, these technologies demonstrated how expeditionary additive manufacturing can provide scalable solutions across a wide range of materials, applications, and operational requirements—bringing production closer to the point of need and empowering warfighters with new capabilities to sustain the mission.

From producing hundreds of mission-critical components in days to demonstrating distributed manufacturing capabilities in an expeditionary environment, the I MEF Field Exercise highlighted the growing impact of advanced manufacturing on military readiness.

READ FULL PRESS RELEASE

UPCOMING EVENTS

Mastering Mastercam Series
June 3, 1 - 2 p.m.
MS Teams

Mastering Mastercam Series
June 17, 1 - 2 p.m.
MS Teams

Warrior East
June 24 - 25
Virginia Beach, VA

Mastering Mastercam Series
Special Edition
June 25, 1 - 2
Streamyard

Click here to see more events

EVENTS

PHILLIPS FEATURE

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ADVANCED MANUFACTURING DELIVERS READINESS AT THE POINT OF NEED

Mission Accomplishment: Phillips Federal, in partnership with EOS, successfully deployed both metal and polymer additive manufacturing capabilities directly into the I MEF Field Exercise, enabling Marines to produce mission-critical replacement parts at the point of need and dramatically reducing reliance on traditional supply chains.

Operational Impact: By combining metal, polymer, and mobile manufacturing technologies, Phillips Federal demonstrated how expeditionary additive manufacturing can accelerate sustainment, strengthen readiness, and provide warfighters with the ability to manufacture, repair, and innovate in real time —anywhere in the world

EOS AT CAMP PENDELTON

EXPEDITIONARY DRONE PRODUCTION AT THE TACTICAL EDGE

Mission Accomplishment: Markforged successfully deployed a mobile Drone Farm manufacturing system during the I MEF Field Exercise, demonstrating how advanced manufacturing can be rapidly established in austere environments to support mission requirements.

Operational Impact: The Drone Farm demonstrated how expeditionary additive manufacturing can reduce logistical burdens, accelerate sustainment, and empower warfighters with the ability to manufacture critical components wherever the mission takes them.

MARKFORGED AT CAMP PENDELTON

Phillips® FEDERAL DIVISION

THE PHILLIPS EDGE - MASTERING MASTERCAM SERIES

Special Edition

JOINT-SESSION POWERING MISSION SUCCESS WITH NEXT-GEN UPDATES

LIVE

THURSDAY JUNE 25, 1 - 2 P.M.

Hosted by Colin Gilchrist and featuring Mastercam's Jesse Trinque, this session will provide an exclusive look at the latest enhancements designed to improve efficiency, precision, and productivity across modern manufacturing operations. Attendees will gain valuable insights into key updates, including **GPU-accelerated simulation, multiaxis enhancements, advanced probing capabilities, Mastercam Copilot, and Everpath**.

This interactive webinar will also offer the opportunity to engage directly with industry experts during a live Q&A session, making it an excellent opportunity to learn how the newest Mastercam innovations can help streamline workflows and strengthen mission-ready manufacturing capabilities. Secure your spot today and stay ahead of the latest advancements in CAD/CAM technology.

REGISTER NOW

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WARRIOR EAST ADS

Phillips Federal and Mastercam are joining forces to deliver an informative session on the latest enhancements in the Mastercam 2026 R2 release, with a focus on how these updates strengthen mission readiness across defense manufacturing operations. This session will highlight key advancements designed to improve efficiency, precision, and performance.

Registration is opening soon. Visit phillipsfederal.com for more information.

LEARN MORE

VENDING SYSTEM

Why does predictive analytics in the supply chain matter more than ever for manufacturers? As disruptions keep challenging traditional, reactive approaches, predictive analytics helps you anticipate demand, optimize resources, and prevent costly bottlenecks before they affect operations.

LEARN MORE

HU SCHOLARSHIP

Photo was taken by Jenny Cheng

Phillips Federal is continuing its investment in the next generation of engineers with a renewed $25,000 annual scholarship to Harrisburg University, reinforcing its commitment to advancing mission-ready manufacturing and defense innovation. Originally introduced in 2025 during JDAMMIT the scholarship supports incoming students and reflects a long-term focus on workforce development, education, and innovation, with 2025 recipients set to be awarded in May 2026.

LEARN MORE

MASTERING MASTERCAM

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 1st & 3rd Wednesday.

SIGNUP TODAY

We partner with the world's leading manufacturers to deliver the highest quality solutions for your mission-critical needs.

Together we are empowering your success and driving innovation in every aspect of manufacturing

Haas F1 Team · Phillips Additive Hybrid · EOS · Markforged · OMAX · Sodick · Bystronic · MELTIO · materialise · InssTek · bigrep · MX3D · Mastercam · AURA · SIEMENS · SHIELDCRS · LIMS · excellerant · trilogy · 3YOURMIND · UNITED PRECISION · VERISURF · Bel Air Finishing · DELTA H · ZEISS · KVG · GMA · SUNRISE · UNISON · willis · LEMAS · SWEBEN