Phillips® FEDERAL DIVISION

MISSION LINK

MAY 2025

Linking you to the future of federal manufacturing with Phillips Federal insights & updates.

FEATURED INSIDE

1. Events & Message
2. Phillips Update
3. Digital Systems & Haas Maintenance Training

UPCOMING EVENTS

April - June
Haas Maintenance & Repair Training
Classes are held in Mooresville, NC & Knoxville, TN

May 13 - 14
SME Manufacturing Technology Series
Springfield, Massachusetts

May 30
Mastering Mastercam Series
Via MS Teams

June 24 - 26
Haas Operator Mill/Lathe Training
Harrisburg, PA

June 27
Haas Certification
Harrisburg, PA

June 27
Mastering Mastercam Series
Via Teams

Click here to see more events

EVENTS

At the Additive Manufacturing Center of Excellence (AM CoE) in Danville, Virginia, Phillips Federal is honored to play a vital role in advancing the Navy's bold shipbuilding mission. As the service ramps up production of Columbia and Virginia-class submarines—critical to our nation's strategic defense—our team is helping transform how essential parts are designed, produced, and delivered. It's a mission we take seriously and support with pride.

Continuing our support of the Navy's shipbuilding goals, our partners were at the 2025 Accelerated Training Defense Manufacturing (ATDM) summit, April 29 - 30, to engage with leaders like Admiral Jim Kilby and Director of Innovation Capability and Modernization, Ms. Adele Ratcliff. Additionally, our President of Additive Solutions, John Harrison, and Project Manager of Phillips Additive Hybrid, Alex Pots, shared insights on an AM Modalities and Hybrid Technologies panel, contributing to the future of defense manufacturing and workforce development. (Read more here.)

Together with our partners at the AM CoE and our participation at ATDM, we are harnessing the power of additive manufacturing to solve complex challenges and modernize outdated processes.

This work goes beyond technology—it's about building smarter, faster, and more resilient solutions that directly support fleet readiness. Every component produced through additive represents not just innovation, but impact—delivering real results that help keep production on track and missions on schedule.

So far, the Danville AM CoE has printed over 270 critical parts and eliminated more than 1,000 days of production delays. From reducing bottlenecks to accelerating timelines, we are proud to contribute to the larger goal of strengthening the Navy's supply chain and making it more agile.

"Supporting the Navy's mission means thinking differently," said Phil Burton, Columbia Director, Phillips Federal. "We're proud to partner with the AM CoE to help accelerate readiness, close supply chain gaps, and enable next-gen shipbuilding through advanced manufacturing."

As the Navy looks ahead to the fleet of the future, Phillips Federal remains committed to delivering precision, reliability, and innovation. We're proud to stand beside our partners and serve those who serve. Learn more about how Phillips Federal is supporting the Navy Center of Excellence in Danville with real parts and real impact.

READ ARTICLE

PHILLIPS UPDATE

Above and Beyond with PREVENTATIVE MAINTENANCE

LIFE CYCLE

Preventative maintenance not only minimizes unscheduled downtime but also delivers significant performance benefits that directly support the readiness goals of the Department of Defense (DoD). Preventive maintenance ensures equipment operates at peak efficiency by proactively identifying and addressing wear, misalignment, or other mechanical issues. Regularly maintained systems perform more reliably, respond more predictably, and require less energy or input to deliver the same output—all of which contribute to improved operational performance across maintenance and production environments.

In the DoD, where equipment reliability is tied directly to mission success, preventive maintenance is a foundational element of readiness. Unplanned equipment failures can delay ship repairs, hinder supply chain operations, and impact deployment timelines. Preventive maintenance enables the DoD to meet maintenance schedules, reduce backlog, and ensure the availability of critical infrastructure and machinery. Additionally, it supports better alignment with long-term sustainment strategies by extending the service life of high-value assets, deferring costly capital investments, and improving budget predictability.

From a cost-efficiency standpoint, preventive maintenance has been shown to deliver significant savings by avoiding catastrophic failures. Industry studies estimate that for every dollar spent on preventive maintenance, organizations save approximately $3 to $5 in reactive repair costs and associated losses. These savings come from avoiding emergency part replacements, expedited shipping, overtime labor, production delays, and potential damage to surrounding systems. In defense environments, where the consequences of failure can ripple through supply chains and mission schedules, the value of preventive maintenance is even more pronounced.

"Preventive maintenance isn't just about turning wrenches—it's about turning risk into readiness, and every dollar we invest today saves mission time tomorrow." Tim McClanahan

Through improved system performance, cost avoidance, and reduced downtime, preventive maintenance strengthens the DoD's ability to maintain a high state of operational readiness, quickly respond to mission demands, and sustain long-term infrastructure performance in a fiscally responsible manner.

Connect with the Life Cycle team today to learn about Preventative Maintenance.
Call 1-800-878-4747 Opt. 2 or email FederalLifeCycle@phillipscorp.com.

Phillips Federal's own Colin Gilchrist, Digital Systems Product Manager, will be taking the stage at SME's 2025 Manufacturing Technology Series at EASTEC in Springfield, MA. His session, "FROM CUI TO ROI: A DIY GUIDE TO CMMC COMPLIANCE," is a must-attend for defense manufacturers and federal suppliers looking to strengthen their cybersecurity posture. With evolving requirements like CMMC and NIST 800-171 reshaping the defense landscape, Colin's 30-minute session will offer practical, ready-to-implement strategies to help you secure operations and protect government contracts.

Colin will also join the elite "EXECUTIVE PERSPECTIVE" panel, where he and fellow experts will address today's most pressing cybersecurity challenges—from threat identification to evolving standards like NIST 800-82. While you're at EASTEC, stop by Booth 1452 to connect with Phillips Federal and our expert partners—Aura, Excellerant, LECS Energy, and Alchemi Data—for personalized guidance on your compliance journey. Don't miss this opportunity to sharpen your strategy, strengthen your security, and shape the future of defense manufacturing. Click the link to learn more and reserve your seat!

EASTEC

Phillips ADDITIVE HYBRID POWERED BY HAAS

HYBRID MANUFACTURING GOES WHERE THE MISSION GOES

In today's most demanding defense environments, manufacturing capabilities can't be limited to a factory floor. That's why Phillips Hybrid has developed a line of deployable hybrid manufacturing systems — containerized solutions that bring metal 3D printing and CNC machining directly to the point of need. These systems have already been integrated with both: Meltio's Laser-Wire DED technology – ideal for precision, multi-metal capability, and compact deployability, especially in applications with tight power and space constraints. As well as the Fronius Wire Arc DED – perfect for large-format deposition, high-speed part repair, and performance in rugged, low-maintenance environments. Housed in standard CONEX containers or custom enclosures, these mobile hybrid units are designed to:

- Produce or repair parts in the field without relying on lengthy supply chains.
- Keep critical systems operational, even in remote or hostile environments.
- Reduce downtime and extend mission capability with near-net-shape 3D printing, followed by CNC machining to finish.
- Most importantly: protect lives by ensuring frontline units get the parts they need, when and where they need them.

From desert airfields to shipboard labs to remote bases, hybrid deployables represent the next frontier in defense sustainment. They are built to move with the mission — wherever that may be.

TO LEARN MORE ABOUT PHILLIPS ADDITIVE HYBRID CLICK THE BUTTON → LEARN MORE

TOP
PAGE

Phillips FEDERAL DIVISION

THE PHILLIPS EDGE - MASTERING Mastercam SERIES

LIVE
Via Government Teams

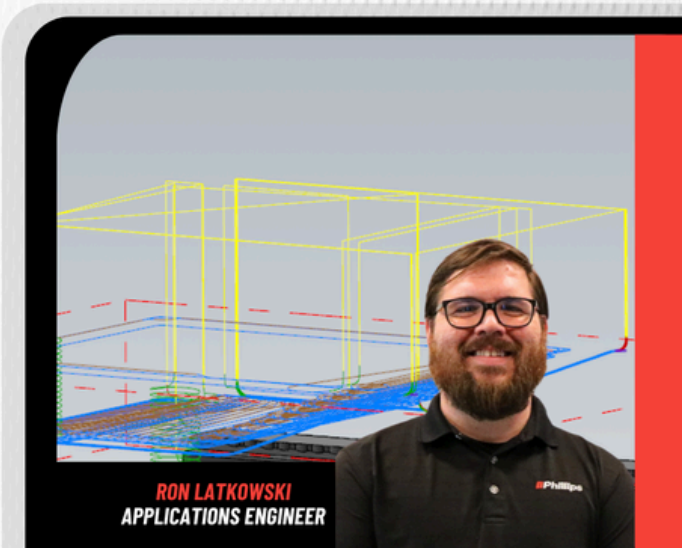
REAL-TIME MASTERCAM TOOLPATHS EXAMPLES WITH Q&A

Introduction to Mastercam's Mill-Turn Module:
Workflow Interface and Extension.

DATE: MAY 30

TIME: 1 - 2 PM EST

REGISTER NOW



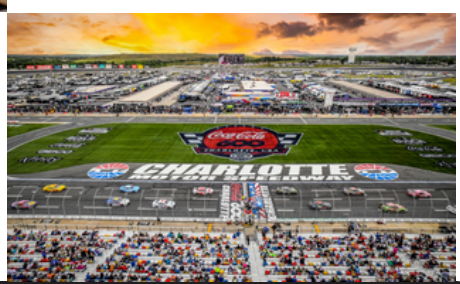
Haas Maintenance and Repair Training is in full swing at the Phillips Training Facility in Mooresville, NC!

With the busy season just around the corner, now's the ideal time to sharpen your skills through expert-led, hands-on training in a state-of-the-art environment.

Secure your seat now and train with the best before the summer rush hits.

SIGNUP TODAY

While you're here, make the most of spring in Race City USA. Mooresville and the surrounding area are home to top attractions like Charlotte Motor Speedway, the NASCAR Hall of Fame, JR Motorsports, Team Penske Headquarters, Kyle Busch Motorsports, Memory Lane Museum, GoPro Motorplex, and scenic Lake Norman.



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 OFFICIAL MACHINE TOOL
Phillips ADDITIVE HYBRID POWERED BY HAAS
eos
Markforged
OMAX A Hypertherm Associates Brand
Sodick
Bystronic
materialise
Mastercam
AURA TECHNOLOGIES
SIEMENS
3YOURMIND
Bel Air FINISHING
bigrep
MELTIO
InssTek
MX
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