

PRATT & WHITNEY ANNOUNCES NORTH AMERICAN TECHNOLOGY ACCELERATOR

News / Maintenance / Trainings, Manufacturer



Pratt & Whitney announced details of its North American Technology Accelerator, a commercial and military aftermarket operations center of excellence based in Florida. The NATA will have dedicated floor space, equipment and resources for the development and industrialization of technology insertion programs that will support company's MRO network.

The accelerator projects in Florida are primarily focused on material restoration and process automation including advanced repairs, digital inspection, adaptive processing, and coating and masking for compressor and fan parts, blades, cases, and more. The benefits of these technologies will reduce cost, material demand, and environmental impact, while decreasing turn times, improving throughput, and delivering value to customers.

Kevin Kirkpatrick, vice president, Aftermarket Global Operations at Pratt & Whitney, commented: "NATA combines data science with people know-how and state-of-the-art automation to help address customer pain points such as inventory management and part availability, while accelerating our improved repair capabilities and efficiency to better serve our customers."

Key projects include additive repairs for critical GTF engine components. With this new additive

repair technology alone, Pratt & Whitney expects to recover \$100 million worth of parts over next five years to support GTF MRO ramp.

NATA complements Pratt & Whitney fully operational Singapore Technology Accelerator, which was established in September 2022 with a focus on robotics, advanced inspection, connected factory and shop digital twin. STA has since delivered over 30 innovations which will maximize the productivity in MRO processes. Both accelerators leverage other RTX research and development expertise to enhance automation, connectivity, analytics and intelligence to benefit aftermarket operations. Combined annual savings of at least \$24 million is expected from Pratt & Whitney's accelerator programs.

NATA and STA are part of Pratt & Whitney Industry 4.0 transformation, enabled by its Customer Oriented Results and Excellence operating system which is at the foundation of the business' technology accelerator strategy. CORE provides a common language, toolset, and methodology for delivering on customer commitments. The CORE system assesses and pinpoints critical areas and provides a framework from which to execute.

09 APRIL 2024

ARTICLE LINK:

<https://to.50skyshades.com/news/manufacturer/pratt-whitney-announces-north-american-technology-accelerator>