

Jacobs Completes Successful Test Campaign of KeyRadar in AgilePod

2020-09-16

Radar system and pod demonstrates real-time processing and target detection/recognition capabilities to find concealed targets in the most challenging operational environments on tactical timelines

DALLAS, Sept. 16, 2020 /PRNewswire/ -- **Jacobs** (NYSE: J) achieved an important milestone in the completion of a rigorous flight campaign with the U.S. Air Force Life Cycle Management Center for certification of Jacobs' newest version of its proprietary KeyRadar® product in an aerial system pod called AgilePod®. The Air Force Life Cycle Management Center certified the airworthiness of the pod for flight testing on commercially operated aircraft under FAA airworthiness criteria, a first for this pod.

This flight activity culminates a technical maturation phase for the Air Force Life Cycle Management Center, a program to integrate KeyRadar into an aerial system pod and demonstrate its unique intelligence, surveillance and reconnaissance (ISR) and target detection/recognition capabilities from manned and unmanned aircraft, with a self-contained, unpressurized rapid-on/rapid-off capability.

"The integration of KeyRadar into an aerial system pod brings unique capabilities for ISR and time-critical detection/recognition applications," said Jacobs Critical Mission Solutions Senior Vice President Steve Arnette. "The completion of this flight campaign and certification represents a successful collaboration between our newly integrated team since acquiring KeyW and our partnership with the Air Force in delivering advanced technical solutions to the intelligence mission."

KeyRadar is a multi-mission, multi-mode system built on a software-defined radio/radar architecture. The radar system combines multiple bands with sophisticated processing and detection/recognition software to find concealed targets in the most challenging operational environments. Jacobs' modular open system architecture

enables users to rapidly field new capabilities to operational systems, significantly lowering total life cycle costs. The program also demonstrated the utility of Jacobs' KeyPAD™ software which is applied in KeyRadar for automated human-made object detection to improve system performance, reduce operator workload and autonomously generate high-value tactical intelligence.

The radar was packaged in the pod system – a modular, open architecture aircraft external store – to meet Modular Open Systems Approach (MOSA) and Sensor Open Systems Architecture (SOSA) standards. The radar and pod were operated in an unpressurized environment, varying between extreme warm and extreme cold temperatures, to include moisture saturating weather, and were evaluated against engineering, performance and environmental specifications.

For more information about Jacobs' radar capabilities visit jacobs.com/technology/keyradar.

At Jacobs, we're challenging today to reinvent tomorrow by solving the world's most critical problems for thriving cities, resilient environments, mission-critical outcomes, operational advancement, scientific discovery and cutting-edge manufacturing, turning abstract ideas into realities that transform the world for good. With \$13 billion in revenue and a talent force of more than 55,000, Jacobs provides a full spectrum of professional services including consulting, technical, scientific and project delivery for the government and private sector. Visit jacobs.com and connect with Jacobs on **Facebook**, **Instagram**, **LinkedIn** and **Twitter**.

Certain statements contained in this press release constitute forward-looking statements as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and such statements are intended to be covered by the safe harbor provided by the same. Statements made in this release that are not based on historical fact are forward-looking statements. We base these forward-looking statements on management's current estimates and expectations as well as currently available competitive, financial and economic data. Forward-looking statements, however, are inherently uncertain. There are a variety of factors that could cause business results to differ materially from our forward-looking statements, including, but not limited to, the impact of the COVID-19 pandemic and the related reaction of governments on global and regional market conditions and the company's business. For a description of some additional factors that may occur that could cause actual results to differ from our forward-looking statements, see our Annual Report on Form 10-K for the year ended September 27, 2019, and in particular the discussions contained under Item 1 - Business; Item 1A - Risk Factors; Item 3 - Legal Proceedings; and Item 7 - Management's Discussion and Analysis of Financial Condition and Results of Operations, and our Quarterly Report on Form 10-Q for the quarter ended June 26, 2020, and in particular the discussions contained under Part I, Item 2 - Management's Discussion and Analysis of Financial Condition and Results of Operations; Part II, Item 1 - Legal Proceedings; and Part II, Item 1A - Risk Factors, as well as the company's other filings with the Securities and Exchange Commission. The company is not under any duty to

update any of the forward-looking statements after the date of this press release to conform to actual results, except as required by applicable law.

For press/media inquiries:

Kerrie Sparks

214.583.8433

View original content to download multimedia:<http://www.prnewswire.com/news-releases/jacobs-completes-successful-test-campaign-of-keyradar-in-agilepod-301131994.html>

SOURCE Jacobs