PRESS RELEASE
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Numerica announces the Spyglass™ radar, a new 3D radar for C-UAS & short-range defense missions

FORT COLLINS, Colo. (Feb. 18, 2021) — In response to gaps in the short-range air defense radar market, Numerica, a leader in designing and deploying best-in-class defense technology, announces the development of a new U.S.-made, 3D radar solution for Counter Unmanned Aircraft Systems (C-UAS) and other short-range defense missions – introducing the Spyglass™ radar, a short range surveillance radar. Designed to fill the need for exceptional C-UAS detection and tracking performance, the Spyglass radar from Numerica will be available soon for a broad set of applications including facility security, border surveillance, convoy and vehicle protection, air space monitoring and more.

"The Spyglass radar was born out of our first-hand experience with gaps in the short-range radar market," Nate Knight, vice president of air and missile defense at Numerica, said. "The rapidly-growing autonomous drone threat presented an opportunity to turn our attention to building a new radar from the ground up that would leverage our decades of experience solving critical air and missile defense problems and applying our proven radar processing and tracking technologies in new ways."

The Spyglass radar will offer advantages including:

- **Superior precision:** The Spyglass radar utilizes Ku-Band Phased Array technology to provide high-precision measurements, improving targeting and classification performance at longer ranges and providing critical time for decision making and threat mitigation.
- **See farther + react faster:** Advanced signal processing algorithms and autonomy extend the detection range of the 3D radar allowing users to see farther and faster.
- **Close the gap:** Traditional pulse-doppler radar designs leave users blind up close, Spyglass radar's simultaneous transmit-and-receive design ensures threats are not missed at close ranges.
- **Deploy anywhere:** With a rugged, solid-state design, low power consumption and low transmit power, the Spyglass radar is built to be deployed anywhere needed.
- **Any mission covered:** With embedded C2 and AI software, the Spyglass radar is designed to enable broad-area autonomous sensor networks. Software-defined operating modes enable rapid customization to specific mission requirements.
- **Trusted U.S. partner:** Designed and manufactured in the U.S. by trusted defense partners.

The Spyglass radar is designed to detect and track small, autonomous, UAS beyond three and a half kilometers with precise measurements to support a range of mitigation techniques. With a high degree

of configurability and out-of-the-box support for distributed operations, the Spyglass radar's software-driven control capabilities will enable seamless integration into layered defense systems.

"We carefully selected partners for this effort who could support the delivery and integration of the Spyglass radar to key military customers and also leverage the best in U.S. manufacturing talent," Jeff Poore, president of Numerica, said. "We have collaborated with respected partners including Liteye Systems and NEOTech to bring to life this 3D radar solution urgently needed by the U.S. Armed Forces."

Liteye Systems, a world leader and technology solutions provider and integrator of military and commercial solutions based in Centennial, Colo., will be the exclusive distributor of the Spyglass radar for Numerica. As an industry expert, Liteye will provide seamless sales support, qualified field service and expert maintenance to ensure the best performance and experience for the Spyglass radar end-users. In collaboration to bring the Spyglass radar to market, both Numerica and Liteye have built a solid foundation for delivering the next generation of C-UAS solutions.

"Numerica has developed an extremely advanced radar solution that comes from deep-rooted experience working with the U.S. military since 1996," stated Kenneth Geyer, CEO of Liteye Systems. "This 3D radar is uniquely designed from the warfighter's standpoint and Liteye is excited to be part of this program."

For more information about the Spyglass radar from Numerica, visit numerica.us/spyglass. The Spyglass radar is only available for purchase by United States Government customers at the present time.

About Numerica
Founded in 1996, Numerica brings innovation to national security challenges in the areas of air and missile defense and space domain awareness. Headquartered in Fort Collins, and with a satellite office in Colorado Springs, Colo. Numerica's team of talented research scientists and engineers tackle customer's most challenging problems requiring advanced algorithm and software solutions. Numerica's state-of-the-art technologies have been deployed around the world to bring clarity and precision to real-time decision-making in the face of rapidly evolving threats. Numerica's team is currently growing, to learn more about the exciting opportunities with a career at Numerica, visit www.numerica.us.

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