

News Release

MAK Technologies Announces Release of MAK FIRES 1.0

This release marks the official launch of the portable and configurable system that delivers Call for Fire training at the Point of Need



Orlando, FL, November 21, 2022 - MAK Technologies (MAK), a company of ST Engineering North America, today announced the release of [MAK FIRES 1.0](#), a realistic and portable observed fire training system that delivers effective Call for Fire training at the Point of Need. Based on Call for Fires fundamentals, MAK FIRES is designed specifically to develop and reinforce skills for Forward Observers (FO).

MAK FIRES 1.0 is available in multiple deployment options, including:

- **Instructor & Student:** The MAK FIRES Instructor & Student System enables students to make calls for fire while the instructor plays the role of a Fire Direction Center (FDC). Students can also practice independently through MAK FIRES' voice activated simulated FDC, which uses speech recognition technology for practice without an instructor's presence.
- **Instructor & Mixed Reality Student:** Students train one-on-one with an instructor or practice independently with the voice activated simulated FDC — with the option to use a Mixed Reality head-mounted display for immersion into the simulated environment while maintaining real-world view of their hands, a map, and accessories.
- **Classroom:** Three configurations are available for instructor-led training of students in a classroom environment. Each student is provided a tablet to input their targeting information (e.g., target location, observer-target direction, etc.) and receive feedback so that everyone in the class is engaged and learning while a chosen student's solution is displayed on the larger screen.

MAK FIRES 1.0 supports all Artillery Fire Mission Tasks in Artillery Tables 4 and 5 for Forward Observers, with capabilities that support doctrinally correct FO training. These tasks include:

- Conduct Adjust Fire and Fire for Effect Missions using the Grid, Polar, or Shift from a Known Point methods of target location
- Conduct an Immediate Suppression Mission
- Conduct a Quick Smoke Mission
- Conduct and adjust Final Protective Fire Missions
- Conduct a Coordinated Illumination Fire Mission using either visible light or IR illumination
- Request Fires on an Irregularly Shaped Target
- Conduct a Precision Registration

“MAK FIRES’ game-like and intuitive interface makes it easy for soldiers to complete training tasks on their own or in pairs,” says Alicia Combs, Vice President of Training Solutions at MAK Technologies. “The classroom design engages students to learn and provides immediate feedback on their work. Best of all, MAK FIRES is easy to deploy and set up, allowing every soldier to train on fundamental tasks in a virtual environment, increasing effectiveness of live training exercises and deployment.”

MAK FIRES 1.0 can be purchased directly from MAK, through CHES (www.ches.army.mil/), our partners at ADS (<https://www.adsinc.com>) or Darley Defense (www.darleydefense.com), or through FMS (Foreign Military Sales). For more details, download the [MAK FIRES brochure](#).

ST Engineering North America is the U.S. headquarters of ST Engineering, a global technology, defense, and engineering group with a diverse portfolio of businesses across the aerospace, smart city, defense, and public security segments. Based in Alexandria, VA, it has major operations across 16 cities in 12 states and employs about 5,000 people providing innovative products and solutions to commercial and government customers across diverse market segments.

MAK Technologies builds solutions to your unique training challenges, built upon the strength and flexibility of the MAK ONE simulation platform. We have been delivering military simulation and training technology for more than 30 years, and the MAK ONE platform is the core of training simulations for the US Department of Defense and customers worldwide. Our end-user training systems are portable, easy to use and maintain, visually appealing, and able to meet individual and collective training requirements – including multi-domain operations. MAK Technologies is a company of ST Engineering North America. Please visit <http://www.mak.com> for more information.

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