

STRIKER® EMERGENCY SIMULATOR SYSTEMS



All Striker® Simulator Systems use identical virtual environments which accurately depict various ARFF emergency scenarios. Cutting edge graphics are used along with accurate physics to create a realistic training environment. Vehicles and their performance parameters are also accurately reproduced in the Striker® Simulator. This allows firefighters to understand how vehicles will perform during an emergency response.

STRIKER®

EMERGENCY SIMULATOR SYSTEMS

3 Distinct Simulator Systems

- › **TYPE 1**
Oshkosh Snozzle® Simulator
- › **TYPE 2**
Expanded Striker® Simulator with 4 screens and one driver's seat, realistic buttons/switches, optional dashboard
- › **TYPE 3**
Expanded Striker® Simulator with 6 screens, 2 full size seats, full Striker® dashboard

SCENARIOS

Scenarios can be created to accurately recreate a variety of emergency scenarios which ARFF personnel would encounter. Small to large airframes are accurately modeled inside of the simulation which all present unique challenges to firefighters to train on and increase their response proficiency. The additional benefit of this virtual environment is the safety it provides to the drivers to learn without risk of bodily harm or damaging the trucks in the event an error was made. And being able to use clean agents that would not be allowed during normal training.

Instructors have the ability to throw a number of variables into simulations and also change them at-will. Any weather condition, wind direction and speed can vary which results in a change of tactics and positioning for the firefighter. Fires also spread realistically on an aircraft and will have the fuselage and other component deteriorate if left unattended. Weather conditions from fog, to snow, to rain can all be changed as well.

Trainees can also practice responding to a scene involving passengers evacuating from an aircraft. This is an important variable and training tool to include in a virtual world which is otherwise very difficult to recreate. Other ARFF units can also be called upon to respond to a scene which trainees will need to navigate around and can coordinate their attack with.

TRAINING

All exercises conducted within the simulation environment can be recorded and then played back at a later date for review. This is critical for understanding what went right and what went wrong during a training response simulation. Instructors can also set goals and scoring for trainees in order to grade them equally for any sort of certification or training regimen the airport has established.



OSHKOSH® SNOZZLE® SIMULATOR **TYPE 1**

- / Laptop computer (can be connected to larger TV)
- / Snozzle® console and joystick for Snozzle® operation
- / Steering wheel and pedal for driving operation
- / Virtual gear selector on the steering wheel
- / Snozzle® piercing nozzle failure
- / User manual
- / Two (2) hour on line training
- / One (1) year warranty



EXPANDED STRIKER® SIMULATOR **TYPE 2**

- / PC computer rack system in dedicated cabinets
- / Instructor station with 24" monitor and viewpoint controller (not shown)
- / Visual display with four screens, 55" monitors covering the view at the front and top of windshield
- / Center console, similar to the Oshkosh® Striker® vehicle with optional dashboard
- / Snozzle® turret joystick and bumper turret joystick, mounted on the center console for turret operation
- / Integrated sound simulation system
- / Steering wheel and pedals for driving operation
- / Virtual windshield wipers
- / Actual truck seat
- / User manual
- / One (1) day on site training
- / One (1) year warranty



EXPANDED STRIKER® SIMULATOR **TYPE 3**

- / PC computer rack system in dedicated cabinets
- / Instructor station with 24" monitor and viewpoint controller (not shown)
- / Visual display with six screens, 55" monitors covering the view at the front, sides and top of windshield
- / Dashboard, similar to the Oshkosh® Striker® vehicle
- / Snozzle® turret joystick and bumper turret joystick, mounted on the center console for turret operation
- / Integrated sound simulation system
- / Steering wheel and pedals for driving operation
- / Virtual windshield wipers
- / Actual truck seat for driver and turret operator
- / User manual
- / One (1) day on site training
- / One (1) year warranty

