

## MISSILE SIMULATOR

### RAIL MOUNT VERSION AGM-114



The Moog Missile Simulator (MSL SIM) is a flightworthy, rail-mount design that simulates different types of AGM-114 HELLFIRE® missiles. It can inject faults, provide detailed status, and generate log files for analysis. Available as a simple, pre-configured Captive Air Training Missile (CATM) replacement, or as a full-featured test and diagnostic asset, the MSL SIM can be used for in-flight training, maintenance operational checks (MOCs), and software development.

It may be controlled via the Moog Missile Simulator Controller (MSC), using any device with a web browser, such as tablets, Smartphones, or laptops. Wired and wireless models are available.

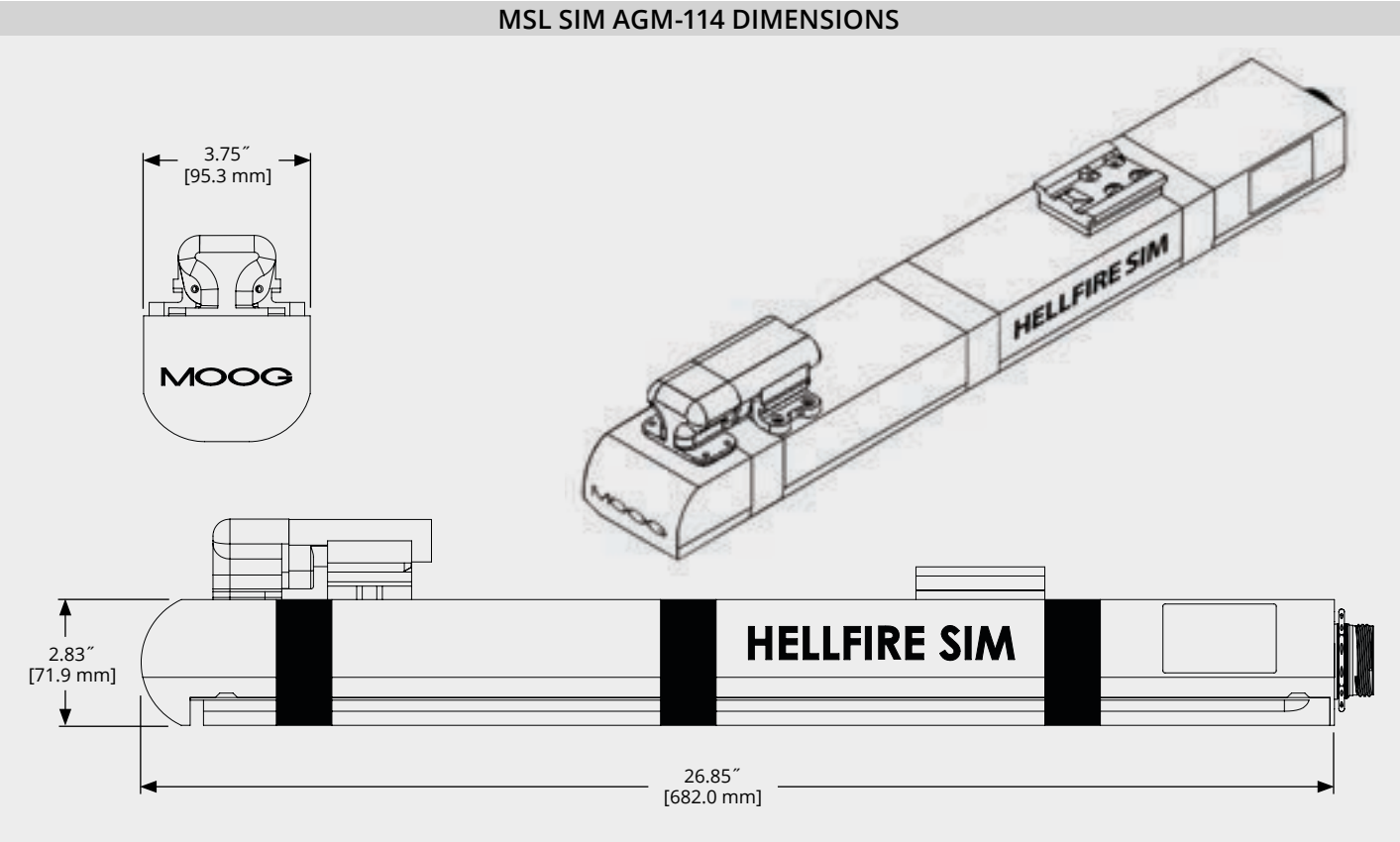
The MSC allows users real-time interactive control of multiple MSL SIMs installed on the platform launcher rails like the Moog Lightweight Dual Rail Launcher (DRL).

### KEY FEATURES

- Full simulation of HELLFIRE II missiles AGM-114F-K,P,R
- Full simulation of Longbow HELLFIRE missile AGM-114L
- Incredibly lightweight – 10 lbs
- Simulates missile in tracking and non-tracking modes (LOAL and LOBL)
- Real-time monitoring/recording of all critical signals during standby state, initialization state, launching state, and post launching state
- Missile simulator, stray-voltage monitor, launcher/system tester
- HELLFIRE rail-mount design with an interactive wireless webpage
- HELLFIRE launchers supported include Moog DRL, M310, and M299
- Replaces HELLFIRE CATM or Longbow Captive Flight Trainer (CFT)
- Flightworthiness tested and MIL-STD-810 tested
- Simulates seeker functions
- Wired and wireless models available



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## PERFORMANCE

Features	Specifications
Connectors	MIL-STD Connectors
Communications	IEEE 802.11, Ethernet 10/100 Wired
Tested to:*	MIL-STD-810, MIL-STD-461, MIL-STD-704

\*Detailed test report summaries available upon request and execution of an NDA.



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