



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, their behaviors, injects faults, provides detailed status, and generates log files for analysis. The MSL SIM is used for in-flight training, ground system operation check-outs, and software development.

The MSL SIM can be remotely controlled via the Moog Missile Simulator Controller (MSC),

using any wireless compatible device with a web browser, such as tablets, Smartphones, or laptops. The MSC allows users real-time interactive control of multiple MSL SIMs installed on the platform launcher rails like the Moog Dual Rail Launcher (DRL).

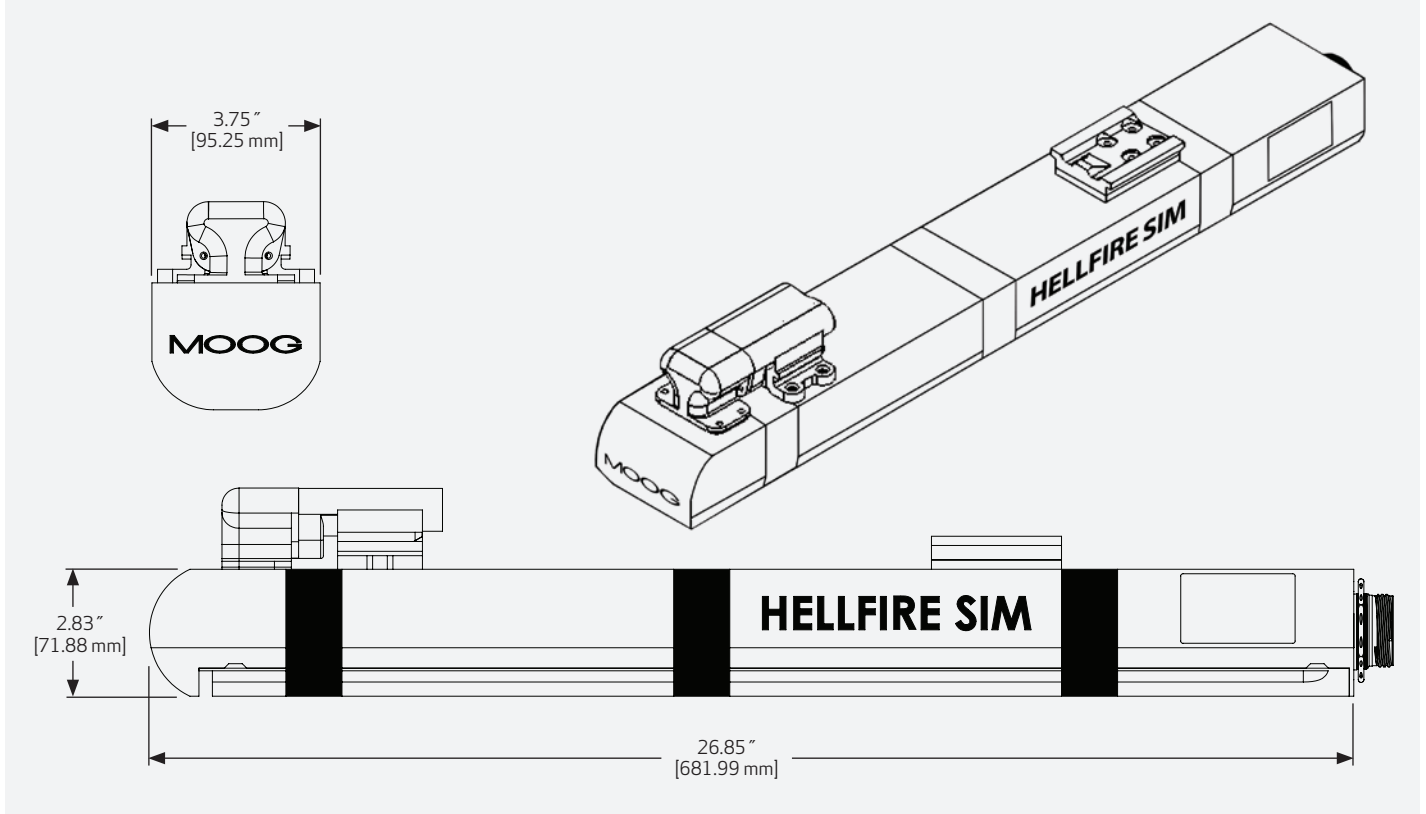
KEY FEATURES

- Full simulation of Hellfire II missiles AGM-114F-K,P,R
- Full simulation of Longbow Hellfire missile AGM-114L
- 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 Dual Rail Launcher (DRL), M310, and M299
- Replaces HELLFIRE Captive Air Training Missile (CATM) or Longbow Captive Flight Trainer (CFT)
- Flightworthiness tested and MIL-STD-810 tested
- Incredibly lightweight - 10 lbs.
- Simulates seeker functions



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MSL SIM AGM-114 DIMENSIONS



SPECIFICATIONS

Parameter	Performance
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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