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
MSL SIM AGM-114 DIMENSIONS

<table>
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<tr>
<th>Parameter</th>
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<tr>
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<td>Tested to:*</td>
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*Detailed test report summaries available upon request and execution of an NDA.

Equipment described herein falls under the jurisdiction of the ITAR and requires US Government Authorization for export purposes. Diversion contrary to US law is prohibited.

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