

CHARACTERISTICS



Australian Munitions' F3A1 hand thrown simulator exhibits the following nominal performance characteristics:

Time from initiation to whistle function shall be not less than 3.5 seconds at -10 °C, 21 °C and 60 °C and not more than 6 seconds at 21 °C and 60 °C or 7 seconds at -10 °C.

Whistle duration shall be not less than 3 seconds at -10 °C, 21 °C and 60 °C and not greater than 6.5 seconds at 21 °C and 60 °C or greater than 7 seconds at -10 °C.



The Thales Australia Centre, WTC Northbank Wharf, Concourse Level,
Siddeley Street, Melbourne, Victoria 3005, Australia.

E-mail: info@australian-munitions.com.au

Web: www.australian-munitions.com.au

Thales Australia Limited trading as Australian Munitions ABN 66 008 642 751

Australian Munitions - A Thales Australia business



IN THE BATTLE SINCE 1888



08/2012
Images © Australian Department of Defence

**F3A1 HAND THROWN
SIMULATOR**
Designed for training excellence

www.australian-munitions.com.au

F3A1 HAND THROWN SIMULATOR

Designed for training excellence



Australian Munitions simulators provide effective training alternatives to maneuver and gunnery training opportunities. When used properly, simulations can create an environment similar to the stress of battle needed for effective command and battle staff training. Proper use of simulation helps commanders ensure quality battle training.

SPECIAL FEATURES

Australian Munitions Simulator F3A1 is a hand thrown simulator for use in training of military personnel (by the provision of battle noises) to simulate the acoustic effects of artillery and mortar fire. The Simulator F3A1 is intended for use in the open at a distance greater than 10 m from the human ear.

Australian Munitions F3A1 Simulator is designed for reliable and safe operation. The design is slim and compact and offers a cost effective option to support training activities.

It has a simple one strike action for operation combined with safety design features such as reduced noise output (not exceeding 140 decibels), no omitting projectiles when fired, a 5 second safety delay and a descending frequency whistle.

FUNCTION

Our Simulator F3A1 is functioned by use of a moisture resistant friction surface - match head system assembly. The sealing cap is removed and its match friction disc is drawn sharply over the match head composition, thus igniting the safety fuse. As soon as the composition begins to burn, the simulator is thrown. After a nominal delay (typically four seconds) the match head plug/safety fuse assembly is expelled on commencement of ignition of the whistle composition. The whistle composition causes a high frequency tone of decreasing pitch to be emitted for a nominal duration of six (6) seconds. The whistle composition, in turn, ignites the bursting charge causing it to rupture its containment producing a sharp audible report and compact, white smoke cloud.

PACKAGING

Australian Munitions Simulator, Projectile Groundburst, F3A1 can be supplied in the following standard configuration:

- BAM M2A1 (60 F3A1 per pack)

Australian Munitions Simulator, Projectile Groundburst, F3A1 will be shipped in packages conforming to UN recommendations for packaging of dangerous goods. The packages are classified as 1.4S, UN Number 0432. Proper shipping name - Simulator, Projectile Groundburst, F3A1.