

TM - RAIDER™

OPERATIONAL INSTRUCTIONS FOR
SOUND SUPPRESSOR MODEL

RAIDER™



MANUFACTURED BY

AWC SYSTEMS TECHNOLOGY

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Raider Rev. 10/2009

GENERAL DESCRIPTION

The original RAIDER suppressor was created to meet a requirement for a highly compact and effective suppressor for the Colt M16. The primary application for the RAIDER is in confined environment scenarios (inside buildings, warehouses, aircraft hangers, etc.). This is where the majority of the documented use of suppressed M16's have been used in recent history; however, in a totally open environment, such as an open field, it is equally efficient. Today the technology of the Raider has, among other advancements in sound reduction: less weight, blow back reduction control and high tech heat dissipating ceramic exterior coating. Close quarter battle scenarios typically require a few fast semi auto shots. The Raider is capable of withstanding rapid-fire semi auto use and intelligent "full auto" bursts. The Raider is a very strong unit, constructed of 100% stainless steel with each component solidly 360 degree welded as it has been since the inception of the Raider. The Raider can be mounted on any 5.56mm rifle including all AR-15/M16 style weapons, the SIG556, Ruger M-14, HK 5.56mm and the Styer AUG.

If you wish to test your equipment, you could test this device in the environment for which it was designed. The best method is to fill a 5 gallon bucket with sand and cover it with a towel to eliminate "blow back" of sand particles. Have another shooter fire the weapon straight down into the bucket. You can observe from a distance of 10 feet or so in order to truly understand just how effective this device is. The shooter will hear sounds that do not exist to an observer. The ejection port blast and the mechanical noise of the buffer and spring are very noisy to the shooter's ear, but are not noticeable to an observer.

MOUNTING PROCEDURES

The RAIDER suppressor should be mounted **NOT** utilizing a factory furnished lock washer.

IMPORTANT NOTE: The AWC special 2 piece lock washer accompanying your RAIDER should be used, and the following instructions followed:

- 1) Remove the flash suppressor and lock washer from the barrel.
- 2) Put the first special washer on the barrel, making sure that the sharp teeth side of the washer is against the barrel shoulder.
- 3) Put the second washer on the barrel, making sure the cam sur-

face side of the washer is against the first washer. This means that when you attach the suppressor, the sharp teeth side of the second washer fits against the rear of the suppressor.

- 4) Brace the buttstock of the weapon so that both hands are available to **very firmly** tighten the suppressor to the barrel.

AMMUNITION

We recommend the Federal and Remington brand of ammunition. They have proven to be cleaner and more accurate rounds than other brands tested. They also produce less flash than most other types.

MAINTENANCE

The Raider is practically maintenance free. It is highly recommended that the weapon be serviced at the same time using bore solvent or foam. Users can occasionally flush and agitate the suppressor with hot soapy water to remove propellant particles followed by flushing with hot water or denatured alcohol to remove any residue. Perform the fast soaking procedure twice. Draining is best accomplished from the barrel mounting end. Complete drainage/ drying is not necessary. If you have access to compressed air it is recommended to blow compressed air through both ends of the suppressor after cleaning. Some smoking may occur on the first magazine until the excess oils are burned off and expelled from the suppressor.

AWC offers a suppressor water jet cleaning tool to assist in the cleaning process which attaches directly to standard water hose spec threads. The tool is not a regulated item and can be purchased and shipped directly to a user at any address.

Users also may ship the suppressor to our plant for a complete detailed cleaning and inspection if the need ever arises.

These procedures are intended to insure a long service life of your AWC Raider Suppressor System.

ADDITIONAL

It is acceptable to use the Raider on your .22LR weapons utilizing coated standard or high velocity ammunition.