

TM - ThunderTrap™

OPERATIONAL INSTRUCTIONS FOR
SOUND SUPPRESSOR MODEL

THUNDERTRAP/ THUNDERTRAP TI™



MANUFACTURED BY

AWC SYSTEMS TECHNOLOGY

MAILING: P.O. BOX 41938
PHOENIX, AZ 85080-1938

SHIPPING: 1515 W. DEER VALLEY RD
SUITE A-105
PHOENIX, AZ 85080

TELEPHONE 623 780 1050 FACSIMILE 623 780 2967

WWW.AWCSTECH.COM

ThunderTrap/ ThunderTrap TI Rev. 11/2009

GENERAL DESCRIPTION

The AWC ThunderTrap/ ThunderTrap TI™ suppressor is an example of technology taken to the extreme. The suppressor design manages to cause the retention of the gases for a long period of time causing the sound emitted to be a soft hiss rather than a pop. The standard ThunderTrap is constructed for all centerfire bolt and semi-auto rifles chambered in a .22 centerfire to .300 WIN MAG. The enhanced models service calibers from .300 Win Mag to 338, 408 Cheytac, 45-70, 50 Beowulf/ Alaskan and other custom requirements.

The AWC ThunderTrap is produced in two material configurations, standard 100% stainless steel and the "TI" model in titanium for reduced weight. Both models feature 360 circumferentially welded internal components for increased durability; another industry first from AWC.

Bullet impact is easily heard over any other source of sound, and is the primary source of noise. The ThunderTrap/ ThunderTrap TI™ also functions as a significant recoil reducer, allowing the user to maintain excellent target contact visibility. The added weight to the barrel also serves to improve the grouping due to changing barrel vibrations.

The one thing that may catch your attention is that the sonic crack seems to be non-existent to the shooter or observers who are in a location behind the bullet as the precursor wave seems to mask the sound of the projectile in flight.

AMMUNITION

The AWC ThunderTrap/ ThunderTrap TI™ is capable with any ammunition properly loaded for the caliber engraved on the device; however, you might be concerned about the barrel & use the better ammunition. Subsonic ammunition may be used although it is not necessary for optimum performance. It should be noted that most barrels are not properly designed to handle the subsonic round. The barrel twist is the determining factor.

MAINTENANCE

The ThunderTrap/ ThunderTrap TI 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.

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 ThunderTrap/ ThunderTrap TI Suppressor System.

ADDITIONAL

It is acceptable to use the ThunderTrap/ ThunderTrap TI on smaller centerfire calibers than marked on the suppressor.