



AVIATOR

GENERAL INFORMATION

The **AVIATOR** is an ultra-high efficiency fast-attach silencer for .22LR pistols and rifles. The fast-attach mechanism of the AVIATOR uses a modified interrupted thread that enables users to attach or detach the AVIATOR in seconds with a simple twist. Since the interrupted thread is .5x28 TPI, the AVIATOR can be installed on any barrel that matches AAC thread specs or adapter featuring this thread size and pitch.

TECHNICAL SPECIFICATIONS

Caliber	.22 LR
Silencer Construction Materials	17-4 SS & 7075 T6 Aluminum
Weight	4 oz.
Length (O.A.)	6.5 in.
Diameter	1 in.
SPL reduction	44 dB
Silencer Finish	Type 3 Hardcoat Anodize
Adapter Materials	High Temperature SS
Adapter	SCARmor™

INSTALLATION OF AAC FAST-ATTACH ADAPTERS

The AVIATOR will function as a fast-attach silencer when used in conjunction with the various fast-attach adapters available from AAC.

WALTHER P-22 ADAPTER INSTALLATION

- 1) Set the P-22 on "SAFE", remove the magazine, and retract the slide to visually ascertain the chamber is empty.
- 2) Lock the slide to the rear.
- 3) Using the wrench provided by Walther, remove the existing barrel nut. Be careful that the barrel tensioning sleeve does not slip out of alignment with the barrel nut removed.
- 4) Using acetone or a similar solvent, degrease the threads on the outside of the P-22 barrel and the inside of the AAC P-22 adapter. Give the solvent a few minutes to evaporate.
- 5) Place a drop of blue Loctite on the threads on the outside of the P-22 barrel and the inside of the AAC P-22 adapter. Using a Q-tip, distribute the blue Loctite in and around the threads.
- 6) Screw the AAC P-22 adapter onto the P-22 muzzle threads hand tight, making sure the notch on the barrel tensioning sleeve is properly engaged with the alignment tooth in the receiver before tightening the adapter against the sleeve with the Walther supplied wrench.
- 7) Allow Loctite to cure overnight.

SIG MOSQUITO ADAPTER INSTALLATION

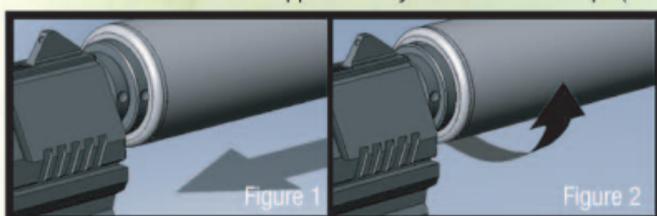
- 1) Set the Mosquito on "SAFE", remove the magazine, and retract the slide to visually ascertain the chamber is empty.
- 2) Lock the slide to the rear.
- 3) Using the wrench provided by Sig, remove the existing thread protector.
- 4) Using acetone or a similar solvent, degrease the threads on the outside of the Mosquito barrel and the inside of the AAC Mosquito adapter. Give the solvent a few minutes to evaporate.
- 5) Place a drop of blue Loctite on the threads on the outside of the Mosquito barrel and the inside of the AAC Mosquito adapter. Using a Q-tip, distribute the blue Loctite in and around the threads.
- 6) Screw the AAC Mosquito adapter onto the Mosquito muzzle threads by hand before tightening the adapter against the barrel shoulder with the Sig supplied wrench.
- 7) Allow Loctite to cure overnight.

.5x28 ADAPTER INSTALLATION

- 1) Set the host weapon on "SAFE", remove the magazine, and retract the bolt or slide to visually ascertain the chamber is empty.
- 2) Remove any existing thread protector.
- 3) Using acetone or a similar solvent, degrease the threads on the outside of the barrel and the inside of the AAC .5x28 adapter. Give the solvent a few minutes to evaporate.
- 4) Place a drop of blue Loctite on the threads on the outside of the barrel and the inside of the AAC .5x28 adapter. Using a Q-tip, distribute the blue Loctite in and around the threads.
- 5) Screw the AAC .5x28 adapter onto the host weapon muzzle threads by hand before tightening the adapter against the barrel shoulder with an 5/8" open-ended wrench.
- 6) Allow Loctite to cure overnight.

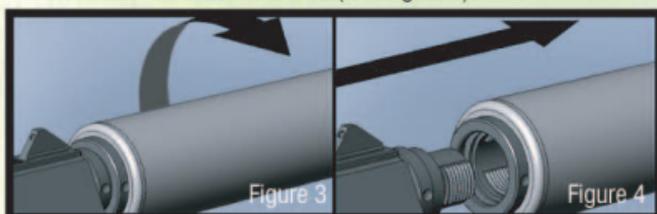
INSTALLATION OF AVIATOR SILENCER ON FAST-ATTACH ADAPTER

- 1) Set the host weapon on "SAFE", remove the magazine, and retract the bolt or slide to visually ascertain the chamber is empty.
- 2) Remove the thread protector from the fast-attach adapter.
- 3) Align the AVIATOR silencer and fast-attach adapter so that the witness marks align and pull the silencer fully back onto the fast-attach adapter (See Figure 1).
- 4) Rotate the silencer counter clockwise approximately 1/4 turn until it stops (See Figure 2).



REMOVAL OF AVIATOR SILENCER FROM FAST-ATTACH ADAPTER

- 1) Set the host weapon on "SAFE", remove the magazine, and retract the bolt or slide to visually ascertain the chamber is empty.
- 2) Rotate the silencer clockwise approximately 1/4 turn so that the witness marks align (See Figure 3).
- 3) Pull the AVIATOR silencer forward to remove (See Figure 4).



INSTALLATION OF AVIATOR SILENCER ON STANDARD (NON-INTERRUPTED) BARREL THREADS OR .5x28 ADAPTER

- 1) Set the host weapon on "SAFE", remove the magazine, and retract the bolt or slide to visually ascertain the chamber is empty.
- 2) Thread the silencer counter-clockwise onto the host weapon muzzle threads hand tight, taking care that the silencer does not cross-thread.

REMOVAL OF AVIATOR SILENCER FROM STANDARD (NON-INTERRUPTED) .5x28 ADAPTER

- 1) Set the host weapon on "SAFE", remove the magazine, and retract the bolt or slide to visually ascertain the chamber is empty.
- 2) Un-thread the silencer (clockwise) from the host weapon muzzle threads.

If the viton o-ring in the fast attach mount (See Figure 5) breaks or become visibly worn, replace it as soon as possible. Replacement o-rings can be purchased from AAC (www.mcmaster.com – Part Number 1201T26).



CAUTION

Before detaching the silencer for cleaning, set the weapon on "SAFE", remove the magazine from the weapon, open the breech and visually ascertain that the chamber is clear and unloaded. The silencer may then be removed from the host weapon after its exterior reaches a temperature where it can be grasped with a bare hand or heat resistant glove.