

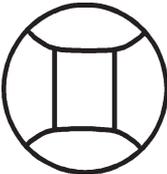
# TM-OASIS

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## OPERATION AND MAINTENANCE OF SOUND SUPPRESSOR MODEL OASIS and OASIS-R

**Before using this suppressor,  
be certain you have read and  
understand this manual.**

Manufactured by



**GEMTECH**  
Div. of Gemini Technologies, Inc.  
P.O. Box 140618  
Boise, Idaho 83714

ISSUED: August 15, 2011

☆☆☆☆ **WARNING** ☆☆☆

☞ **Because sound suppressed weapons make less noise than non-suppressed weapons, it is easy to forget that they are still firearms. It is of vital importance to remember that a sound suppressed firearm is just as dangerous as a non-suppressed one, and the same safe handling requirements apply.**

**TM-OASIS**

FIRST EDITION            August 2006  
SECOND EDITION        December 2006  
THIRD EDITION         August 2011

Published by:

**ATI Star Press**  
*Antares Technologies, Inc.*  
P.O. Box 140618  
Boise, Idaho 83714  
Phone: (208) 938-2173

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**OASIS Series**

OPERATIONAL MANUAL FOR  
SOUND SUPPRESSOR MODELS  
OASIS (MK-1, 2, 3) and OASIS-R (10/22 Rifle)

*Manufactured by*

**GEMTECH**

*Division of Gemini Technologies, Inc.*

P.O. Box 140618  
Boise, Idaho 83714-0618

Phone: (208) 939-7222

FAX: (208) 939-7804

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☆☆☆☆☆ **WARNING** ☆☆☆☆☆

☞ **Failure to follow installation and maintenance instructions detailed in this manual can result in potential for serious injury to the user and damage to the weapon.** Firearm sound suppressors are user attached firearm muzzle devices, and as such are subject to improper attachment unless the proper procedures outlined in this manual are followed.

**MANUFACTURER'S DISCLAIMER**

The manufacturer is not responsible for improper usage of this product. This product is potentially dangerous, and as such it is the user's responsibility to understand and implement its proper use. If you do not understand the instructions in this manual, please contact the manufacturer for further clarification.

**GENERAL DESCRIPTION**

The OASIS series is highly advanced integrally suppressed .22 rimfire suppressor system. The OASIS consists of a special barrel that has been counter bored and has had a baffle stack inserted. High tensile strength aluminum has been used for all parts to provide an ultra-lightweight suppression system. No packing materials are used in these units. We strongly recommend against the use of any fluid or ablative agents in the suppressor.

**MODEL DIFFERENCES**

The OASIS is a complete an integrally suppressed aluminum upper receiver designed to replace the original upper receiver on the Ruger MK2 or MK3 pistol and is only 1.5 inches longer than the original Ruger bull barrel target pistol. The suppressed top end (machined from a solid aluminum billet with a precision alloy steel target barrel liner) includes adjustable target sights and utilizes the bolt, magazine, and grip assembly from the host weapon.

The OASIS-R (Rifle) consists of a custom barrel assembly with a suppressor built integral to the front of the barrel similar to the OASIS pistol. The overall length of the suppressed barrel is shorter and lighter weight than the original non-suppressed barrel, and the diameter of 0.920 inch is identical to that of the custom target barrels. The suppressed barrel is made from a solid billet of high tensile strength aluminum with a precision rifled bore liner and a suppressor integrated into the front of the barrel. Optical sights are required.

## INSTALLATION

If you do not have a copy of the instruction manual for the underlying Ruger weapon (MK2, MK3, 22/45, 10/22, or 77/22), one is available at no charge from: Sturm Ruger & Co, Inc., Southport, CT 06490.

To install the pistol version of the OASIS, field strip the pistol following Ruger's printed instructions. Re-assemble using the OASIS suppressed aluminum upper receiver in place of the original Ruger barreled receiver.

To install the OASIS-R suppressed barrel, remove the receiver from the stock and remove the barrel from the receiver according to Ruger's printed instructions. The barrel is retained by two 3/16 inch hex cap screws. The Oasis-R barrel should be a snug hand fit and not require force. If necessary the shank may be lightly sanded with some 320 grit emery paper. When installing the new barrel, torque the cap screws to 30 inch-lbs.

## AMMUNITION RECOMMENDATIONS

For optimum terminal ballistics, the barrel is not ported to reduce velocity. While most high velocity .22LR ammunition will remain subsonic in the OASIS pistol, we strongly recommend the use of Gemtech Subsonic or CCI standard velocity ammunition for both the pistol and rifle versions. High velocity ammunition will be supersonic in the rifle version, generating a ballistic crack of the supersonic projectile. The weapons will function reliably with subsonic or standard velocity .22 rimfire ammunition.

**The Aguilla SSS 60 gr. subsonic ammunition does not always stabilize in barrel twists readily available and can yaw badly on exit from the rifling. This will seriously damage the internal components of your suppressor, and use of this ammunition is at the user's risk and will void the warranty.**

☆☆☆☆☆ **DANGER** ☆☆☆☆☆

☞ **Before performing any maintenance operation, always remove the magazine from the firearm, open the action, and visually ascertain that the chamber is empty and the weapon unloaded. Failure to do so can result in potential for serious injury to the user and others in the vicinity.**

## CLEANING and MAINTENANCE

The design of the OASIS series allows for maintenance without disassembly. There are no solvents that will dissolve carbon, and the use of solvents may cause clumping and solidification of powder residues.

Experience indicates that the preferred method of cleaning the suppressor is blowing it out with high pressure compressed air. While soaking in hydrocarbon-based solvents is acceptable, water-based cleaning agents must never be used. After use of any solvent, the suppressor should be thoroughly blown out with high pressure compressed air.

☆☆☆☆☆ **CAUTION** ☆☆☆☆☆

☞ **Always read the warning label on any cleaner or solvent, and remember that virtually all solvents are inherently dangerous and potentially toxic. Always use adequate ventilation and both skin and eye protection when using organic solvents.**

There is no need whatsoever to disassemble the suppressor for maintenance, and any attempt at disassembly will void the warranty.

1. Remove the magazine from the weapon, open the action, and visually ascertain that the weapon is unloaded with nothing remaining in the chamber.
2. We suggest that at approximately 500 rounds the firearm be field stripped and cleaned thoroughly. Refer to the appropriate Ruger manual for proper procedure of field stripping the weapon.
3. The weapon bore may be cleaned with a brass brush or a pull-through snake or mop. Patches must not be used, as they will catch in the baffle stack, requiring factory service to remove.
4. You may use a solvent such as WD-40<sup>®</sup>, a mixture of mineral spirits and type "A" Automatic Transmission Fluid (3:1), Kroil, or Varsol. **Never use a solvent containing ammonia, acids, or other alkali, and do not use water based cleaning agents.** Ultrasonic cleaners can damage aluminum and do not cavitate without water and should not be used. Any residual solvent should be drained to the rear and blown out with compressed air.

☆☆☆☆☆ **CAUTION** ☆☆☆☆☆

☞ **Use a mop or brush instead of patches to clean the barrel with the integral suppressor, as a patch may become lodged in the baffle stack, necessitating factory removal.**

**PHYSICAL SPECIFICATIONS:**

	<u>OASIS Pistol</u>	<u>OASIS Rifle</u>
Suppressed Length:	11 in	16.5 in
Original Length:	9.3 in	18.5 in
Suppressed Weight:	6.7 oz	14 oz

**WARRANTY STATEMENT**

Our “warranty” has been practiced since our personnel started in the suppressor business in 1976, in a time before legalese and when a handshake and this simple statement sufficed: “If a Gemtech product breaks and it’s your fault, we’ll fix it for a fair price in a timely manner. If it’s our fault, we’ll fix it quickly at no charge.” This policy born of pride in craftsmanship and honor has served us and our clients well for over two decades and will continue in Gemtech’s future.

The small print follows:

The Magnuson-Moss Act (Public Law 93-637) does not require any seller or manufacturer of a consumer product to give a written warranty. It does provide that if a written warranty is given, it must be designated as “full” or as “limited” and sets minimum standards for a “full” warranty.

As do most major firearms manufacturers (including Ruger, Browning, & Heckler & Koch), Gemtech has elected not to provide any written warranty, either “limited” or “full,” rather than to attempt to comply with the provisions of the Magnuson-Moss Act and the regulations issued thereunder.

There are certain implied warranties under state law with respect to sales of consumer goods. As the extent and interpretation of these implied warranties varies from state to state, you should refer to your state statutes.

Gemtech certifies that all sound suppressors manufactured by them are free of defects in materials or workmanship, and that they meet manufacturing specifications at the time of manufacture.

It is our intent that the customer be completely satisfied with the product. Certain Gemtech products may be classified as ordnance and/or implements of war and are sold by us with the specific understanding that Gemtech has taken every reasonable precaution in providing our customers with inherently safe merchandise, and that we assume no liability whatsoever for unsafe handling by the purchaser or his agents. Gemtech assumes no responsibility whatsoever and we will honor no claims for damages, regardless of nature, for physical injury or property damage resulting from careless and/or irresponsible handling, adjustments to equipment, neglect or abuse.

Gemtech reserves the right to make changes at any time and without notice, in prices, to change specification or design, to add or remove accessory materials, and to add or delete items without incurring any obligation.

Use of ammunition that does not meet SAAMI specifications will void all warranties.

**REPAIR POLICY**

Gemtech maintains complete repair facilities for all suppressors manufactured by them. Return authorization and shipping instructions must be obtained prior to return. Contact Gemtech for this information.

ATF no longer requires transfer on a Form 5 to the manufacturer for repair. However, they do require a letter accompanying the weapon detailing the repairs required. ATF also requires proof of ownership, which is satisfied by a photocopy of the front of the owner’s Form 3, 4, or 5.

All Gemtech products are  
100% manufactured in the  
United States of America.

