



SUPPRESSION SYSTEMS MANUFACTURER
5685 GREENO DR. HORN LAKE, MS
AOKRISIS662@GMAIL.COM
(901)-633-0642

FFL/SOT 1-64-033-07-9C-07143

PRODUCTION NOTIFICATION TECHNICAL DESCRIPTION

MANUFACTURER: AOKRISIS
FFL/SOT: 1-64-033-07-9C-07143
LOCATION: HORN LAKE, MISSISSIPPI

I. Device Classification

- **Type of Firearm: Silencer / Suppressor**
- **Model Designation: STR8-9**
- **Caliber Compatibility: 9MM (Pistol Caliber Carbine / Rifle Applications)**

II. Physical Architecture & Construction Materials

- **Chassis Construction: Monolithic outer housing structure and internal baffle network fabricated via high-temperature polymer matrix composites (PAHT-CF)**
- **Internal Baffle Framework: Features a traditional, localized primary blast expansion chamber leading into a multi-tiered mechanical baffle stack arrayed coaxially along the linear projectile flight path.**
- **Bore Line Integration: Features a straight, unobstructed internal alignment bore optimized for stable projectile clearance on centerfire 9mm rifle and carbine platforms.**



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III. Method of Operation & Signature Reduction Mechanics

The device functions strictly through traditional mechanical containment, redirection, and controlled expansion of high-pressure propellant gases:

- 1. Blast Capture:** Upon weapon discharge, the superheated, high-velocity gases exiting the muzzle immediately enter the primary expansion chamber, allowing for an initial rapid drop in gas velocity and localized pressure distribution.
- 2. Mechanical Disruption:** As the gas matrix advances along the internal core, the linear baffle array continuously shears, deflects, and swirls the gas frontier. This mechanical turbulence forces the expanding gases into independent internal pockets, delaying their exit from the forward aperture.
- 3. Acoustic Attenuation:** By slowing the velocity of the propellant gases and dropping their internal pressure matrix prior to atmospheric venting, the violent gas expansion delta at the front end-cap is neutralized, significantly reducing the audible sound signature and muzzle flash.



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IV. Manufacturer Certification and Mandatory Markings

This device is manufactured under the authority of APOKRISIS (FFL Type 07 / SOT Class 02) in Horn Lake, MS. The exterior housing displays the mandatory identification registry data engraved to a minimum depth of **.003 inches** in strict compliance with 27 CFR § 479.102, arranged verbatim as follows:
APOKRISIS - HORN LAKE, MS, USA - 9MM - [SERIAL NUMBER]

Submitted by:

Derrick White
Owner : Apokrisis
USMC/ Retired
FFL/SOT