



SUPPRESSION SYSTEMS MANUFACTURER
5685 GREENO DR. HORN LAKE, MS
APOKRISIS662@GMAIL.COM
(901)-633-0642

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

PRODUCTION NOTIFICATION TECHNICAL DESCRIPTION

MANUFACTURER: APOKRISIS

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

LOCATION: HORN LAKE, MISSISSIPPI

I. Device Classification

- **Type of Firearm: Silencer / Suppressor**
- **Model Designation: SILENT (Traditional Stacked Baffle Variant)**

II. Physical Architecture & Construction Materials

- **Chassis Construction:** Monolithic outer cylindrical pressurized tube housing grown natively with an interior non-welded baffle tracking core. Fabricated via advanced industrial additive manufacturing using high-temperature carbon fiber polyamide matrix composites (PAHT-CF) on a Bambu Lab P2S platform or Direct Metal Laser Sintering (DMLS) aerospace titanium alloy parameters.
- **Internal Core Configuration:** Utilizes a traditional structural sequence consisting of an expansive primary gas-capture blast chamber paired with a repeating array of stacked, linear mechanical flow cone baffles.
- **Bore Line Integration:** Features a fixed, continuous internal bore alignment sleeve that isolates the straight trajectory path of the project from surrounding blast chambers, ensuring perfect axial concentricity and absolute protection against internal component collision.

III. Method of Operation & Signature Reduction Mechanics

The device mechanically reduces the intense acoustic report and thermodynamic footprint of a host firearm strictly via traditional mechanical velocity restriction and volume expansion boundaries:



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1. **Primary Blast Capture:** Upon discharge, superheated, high-velocity propulsive gases enter the primary expansion chamber, suffering an immediate drop in localized pressure and forward energy velocity.
2. **Linear Stacked Turbulation:** The gas frontier is sequentially sheared and swirled as it moves through the multi-tiered stacked baffle matrix. The linear core forces high-pressure propellant gasses into independent, chaotic expansion cells, creating turbulent flow resistance and delaying atmospheric venting.
3. **Acoustic and Flash Attenuation:** By drastically slowing gas release times and flattening the expansion delta at the front end-cap aperture, the acoustic shockwave is neutralized and secondary muzzle flash is extinguished.

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 monolithic housing panels display required registry tracking identifiers grown natively or deep-engraved to a minimum compliant relief depth of .003 inches in strict compliance with 27 CFR § 479.102, arranged verbatim as follows:

APOKRISIS
HORN LAKE, MS, USA
CALIBER
MODEL: SILENT
SERIAL NUMBER

Submitted by:
Derrick White
Owner : Apokrisis
USMC / Retired
FFL/SOT