

NAM "Vila" Shield and Sensor Drone SSD-02a

Finalized in [YE 41](#), the [Nepleslian Arms and Munitions](#) Vila Shield and Sensor Drone SSD-02a is a small and lightweight unmanned parasite drone that equips Nepleslian armorsuits in combat. Improved versions of the original [VOID's](#) shield drones, the Vila features more robust systems and off the shelf capability to improve the logistical and supply situation of the Nepleslian Space Marine Corps.

Overview

An individual Vila Shield and Sensor Drone SSD-02a is roughly the size of an adult ID-SOL's fist and spherical in shape, with two distinct sides to it: an upper half, which contains the shield emitter and main sensor apparatus. The bottom half of the drone contains the main propulsion and station keeping equipment of the Vila, as well as ports for when it docks with a parent platform.

Each Vila is battery powered and comes with a powerful shield generator system capable of linking its projected shields with that of another Vila. each drone also has its own tractor beam generator to grab objects, and a propulsion system based around a [Compact Gravimetric Drive](#).

When in use, the Vila is used in one of two ways: as a recon platform, to slip around corners and into buildings before putting the lives of marines at risk; and linked in formation with other Vila drones to generate free standing barrier shields.

Stats

- Height: 33.02 mm ¹⁾
- Diameter: 170 mm ²⁾
- Nomenclature: SSD-02a
- Maximum Command Range: 1km
- Maximum Airspeed: 120 kph (74 mph)
- Maximum Velocity in Space: .21c
- Maximum Battery Charge: 340 seconds

Core Systems

The Vila Shield and Sensor Drone is powered by an internal high output rechargeable battery that at full charge can last for roughly 340 seconds ³⁾ before losing power. This battery is recharged when the Vila is within 10 meters of the parent platform.

The Vila is propelled by its internal [Compact Gravimetric Drive](#), which allows it to float and hover in atmosphere, as well as travel at reasonably decent speeds.

Primary Systems

The primary system of the Vila is its shield generator, based on Nepleslia's [Conformal Barrier System](#). Rather than create a barrier shield around the individual drone, the Vila's shield generator functions as single node in a larger formation of shield drones- when these shield drones act in unison, they generate two dimensional barrier shields.

Each generated shield counts as a Tier 5, Medium Armor barrier.

The Vila's sensor suite is the [Na-M/V-E3800 "OmniEye" Sensor System](#).

Shield Projector Formations

Barrier Shield

The Barrier Shield formation is formed when three Vila drones take up an equilateral triangle formation with sides of up to 2 meters long. This shield can be deployed in under 2 seconds, and can be used to provide mobile cover or to distract hostile fire.

Shield Wall

When four Vila drones take up a rectangular formation, the shield generated is a rectangular wall with a maximum area of 10 square meters.

Dome Shield

12 Vila drones working in concert can deploy a spherical or hemispherical shield with a radius of 10 meters.

Damage Capacity

The Vila has the damage capacity of Tier 4, Heavy Anti-Personnel.

Auxiliary Functions

Any secondary functions that the device may be able to perform are listed here. Security systems that protect the drone from electronic attacks should go in this section, as well.

OOO Notes

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Approved by Charmaylarg [here](#) on 11/11/2019

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