

Na-S/S-04a Rook Automated Defense Platform

Designed in the closing weeks of the Kennewes Offensive, the Na-S/S Rook is a high end defensive station designed to be entirely automated. Named after the infamous chess piece, the Rook was meant to live up to its namesake, by fielding sufficient firepower to easily devastate hostile hordes of units that might wander into its line of sight. The size of a medium corvette, the Rook is unnaturally well armed because of a lack of crew or high end STL engine, instead mounting a pair of vicious side-mounted Curbstomper Arrays, and a single, massive [multiphase cannon](#) that makes up more than 45% of its overall mass.

About the Ship

While the original [Kante-class](#) stations proved to be effective and reliable, they lacked the general 'oomph' that some [SMODIoN](#) defense planners were looking for. Kennewes was the testing ground of a lot of new [NAM](#) technologies, and battle data being relayed from the surface was key to the shaping of the station. As a sign of the generally deadly power these units field, it employs technologies borrowed from both the X-Tech [Malchick-class](#) and Aerotech [Tolchok-class](#) ships, designs of the same NAM technological generation.

In [YE 34](#), existing Rooks were upgraded and new systems were installed. The foremost being the addition of the multiphase cannon coupled with the removal of the aether cannon from its arsenal. Other changes were made to the units, including an overhaul of the shielding systems, the removal of the mass mesher device and the addition of more point defense weapons.

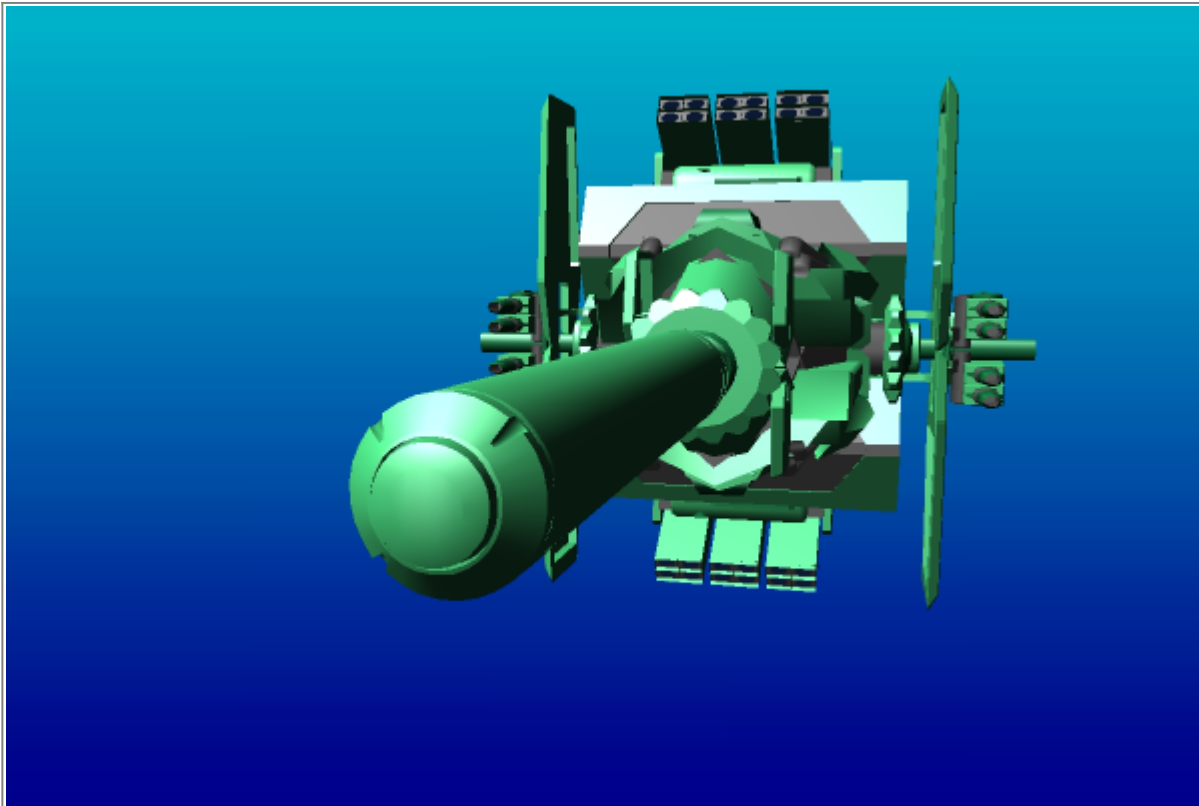
Key Features

- Heavy Armor, Shields
- Heavy Weaponry
- Excellent ECM
- [ACE](#) AI Core
- Low-Maintenance Design and Self-Repair Functions

Mission Specialization

- Defense of Nepleslian assets
- Establishing and solidifying forward bases
- Force multiplier

Appearance



Na-S/S-04a "Rook" Automated Defense Platform

Statistics and Performance

General

Class: Na-S/S-04a Rook-class Automated Defense Platform Type: Orbital Facility Designers: [Nepleslian Arms and Munitions](#) Manufacturer: [Nepleslian Arms and Munitions](#) Production: Full Mass Production Fielded by: [Star Military of the Democratic Imperium of Nepleslia](#), [Nepleslian Arms and Munitions](#)

Passengers

Crew: [ACE](#)-only. Maximum Capacity: Up to two humanoids can enter for maintenance reasons. However, there is no life support, and no amenities to make more than temporary visits feasible.

Dimensions

Length: 60 meters (196.85 feet) Width: 20 meters (65.6 feet) Height: 25.5 meters (83.66 feet) Decks: N/A

Propulsion and Range

Continuum Distortion Drive: 8000c Hyperspace Fold Drive: .5 LY/min Sublight Engines: .05c Range: Up to 10 years of nonstop deployment. Craft will then make Hyperspace Fold to nearest maintenance facility, or risk burning out. Lifespan: Theoretically infinite, as long as repair facilities are functional for the 10-year maintenance cycle. Refit Cycle: One full refit every 10 years. Self-repair systems cut down on the need for regular repairs.

Damage Capacity

See [Damage Rating \(Version 3\)](#) for an explanation of the damage system.

- Hull: 15 (Starship)
- Shields: 15 (Threshold 3)

Inside the Platform

Compartment Layouts

Engineering

The central area of the platform, and something of a control center. The room shares coloration with the maintenance conduits, with white walls and green floors and ceilings. This area contains manual targeting systems (watched very closely by Drei, of course), and also serves as a hub for the service conduits, and a recharging station for the numerous drones that roam the station.

Service and Defense drones

The most frequent denizens of the numerous maintenance corridors that criss-cross throughout the vessel, these drones are outfitted with a number of tools allowing them to make quick fixes to damaged systems in a short amount of time, including a fusion cutter/ welder, numerous standard tools, and a small NCS module loaded with Leptonium, Nerimium and Durandium alloys. The machines are about 3 feet tall, and one foot across, with a shiny silver color scheme. They are constructed from light-weight durandium and move and propel themselves via a very small gravitic drive. A down-sized Drei AI controls the drone, and receives orders from the ship AI. There is also a security variant that eschews tools for weaponry.

Maintenance Conduits

These are standard Nepleslian hallways in condensed form, about large enough for an [ID-SOL](#) to sit comfortably in. The walls, ceiling, and floor are all lightly padded to allow some comfort when using them. The passages have white walls with green floors and ceilings. The passages lack gravity, making them, and by extension their contents, very well protected from scalar radiation.

Ship Systems

Armored Hull and Hull Integrated Systems

Heavy-duty Nerimium Plating and Frame The overall design of the Rook is something like a slightly hexagonal box with very strong emphasis on solidity. Function took precedence over form, so to some, the Rook is a rather ugly design. As these units were meant to be largely disposable, state of the art armor was forsaken, instead favoring cheap, but reliable materials such as [Nerimium](#). Armor is thickest at the front and side flanks, but a bit weaker in the platform's rear.

NCS Sublayer w\ Surface Repair Channels A complex network of active NCS nanobots constantly perform repairs on the critical systems of the Rook, ranging from fixing tears in the hull, to re-aligning sensors systems. There is enough stored material to initiate the equivalent of a single full repair/retrofit cycle on the ship, including weapons, armor and electronics. Thanks to the high limitless power generated by the Rook's hyperspace tap, these systems can run for years at a time.

Computers and Electronics

Advanced Command/Combat Executive AI The Rook has a single ACE (Combat) AI system that runs all the systems aboard the platform. This unit is subservient to higher ranking intelligences found on [Star Military of the Democratic Imperium of Nepleslia](#) vessels.

NAM Aerofighter Communications Package The Na-S/S-04a is equipped with standard radio, directed laser and subspace transmissions. 4 multi-directional laser projectors are mounted in multiple tactical positions set across the Rook's outer hull.

NAM Subspace Databurst Transceiver With the innovations in CDD technology, craft equipped with this system are capable of sending large amounts of information at FTL speeds, to and from ships and between units employing this device. The data is typically encrypted using a specific song or video files as the key and spliced with anti-tampering ICE programs, that will attempt to foul up unauthorized users and automatically self-destruct the data in case of interception. Due to the frequent use of this method of transmission by other nations, databursts are to only be used in case of emergency, such as death, or completion of an assignment and subsequent requests for evac. The transmitter employs the Rook's CDD bubble for transmission.

System	Transmission Type	Range	Interceptable
Radio	EM	2000 KM	Yes
Laser	EM	100 KM	No
Subspace	Subspace	10 AU	Difficult
S-Transceiver	Subspace	20 AU	Very Difficult

NAM Platform Sensors Package The Rook mounts an impressive sensors package that allows it to track down targets using a variety of high-energy systems, including propulsion, power generators and certain kinds of stealth. Essentially a supped-up version of the sensors used on the F/A-02, these sensors were designed to make hiding in defended star systems exceedingly difficult.

Sensor Type	Range	Detection Type	Atmospheric	Vacuum	Detectable
Distortion	4 AU	Quantum Wave/Gravitational	Halved	Yes	No
Subspace Lens	8 AU	Subspace Particle	Halved	Yes	On Active
RADAR/LADAR	10,000 KM	EM	Yes	Yes	Yes

Power Supply

Na-SC/P-02b Hyperspace Tap Generator Two [hyperspace tap generators](#), much like those found on the [Na-B-01a Tolchok-Class Battleship](#). It provides primary power to the platform, the ASC and is used to create hydrogen, which powers the station in emergency situations.

Heavy Fusion Generator Three [fusion generators](#) to provide emergency power for the station.

Shield Systems

NAM CPS-05 During the YE 34 refit, NAM installed the latest version of its [CPS](#) system into the Rooks. These provide the same coverage with a lower power draw. In addition, with a combined shield system, more space and power could be devoted to weapons systems.

Propulsion

[Continuum Distortion Drive](#)

[NAM Light Plasma Impulse Drive Na-PID-04a](#)

Weapons Systems

- [Heavy Multiphase Cannon](#): 1, DR Variable
- [NAM Na-LRMS-XX "Curbstomper" Long-Ranged Missile System](#): 2, DR Varies
- [NAM Twin Plasma Turret](#): 4, DR 3

Build Notes

As a corvette-sized platform, the Rook has build times similar to those of light vessels such as the [NaX-SC-01a Malchick Stealth Corvette](#).

OOO Notes

Authored by [Exhack](#) and approved by [Wes](#) on Apr 6, 2008 ¹⁾

1)

<https://stararmy.com/roleplay-forum/index.php?threads/na-s-s-04a-rook-automated-defense-platform.1910/>

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

<https://wiki.stararmy.com/doku.php?id=faction:nepleslia:bases:rook>

Last update: **2023/12/27 14:39**

