

NaX-PAH-01a Crast Strike Helicopter

The Crast is an atmospheric helicopter designed by [NAM's](#) X-Tech division. It is optimized for stealth, and is even capable of very limited operation in space thanks to its gravitic drive system.

About the Ship

The Crast was designed by NAM's X-Tech Division for the IPG at the request of Ryan Veles. It is primarily geared as transportation, air support, and rapid evacuation for IPG Operators.

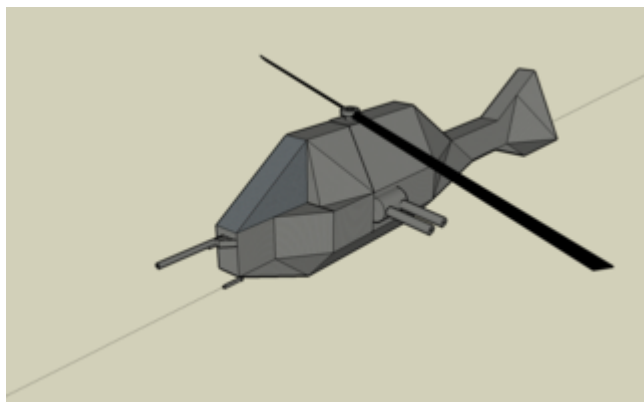
Key Features

- Stealth
- Aerial weapons platform

Mission Specialization

- Transport
- Sniping
- Insertion and Evacuation
- Air support

Appearance



History and Background

Designed and put into production in YE 30 by NAM, the Crast Strike Helicopter was meant to provide fast and accurate air support and transport for the IPGs clandestine units.

Statistics and Performance

General

Class: NaX-PBH-01a Type: Planetary Strike Helicopter Designers: NAM X-Tech under IPG supervision
Manufacturer: NAM Production: Mass Production Fielded by: [Intelligence and Pacification Group](#)

Passengers

Crew: 2 operators are recommended, but only one is required. Maximum Capacity: There are accommodations for 20 people. About 35 people can fit aboard in an emergency, but the ship would be extremely cramped.

Dimensions

Length: 25 meters Width: 5 meters Height: 7 meters

Propulsion and Range

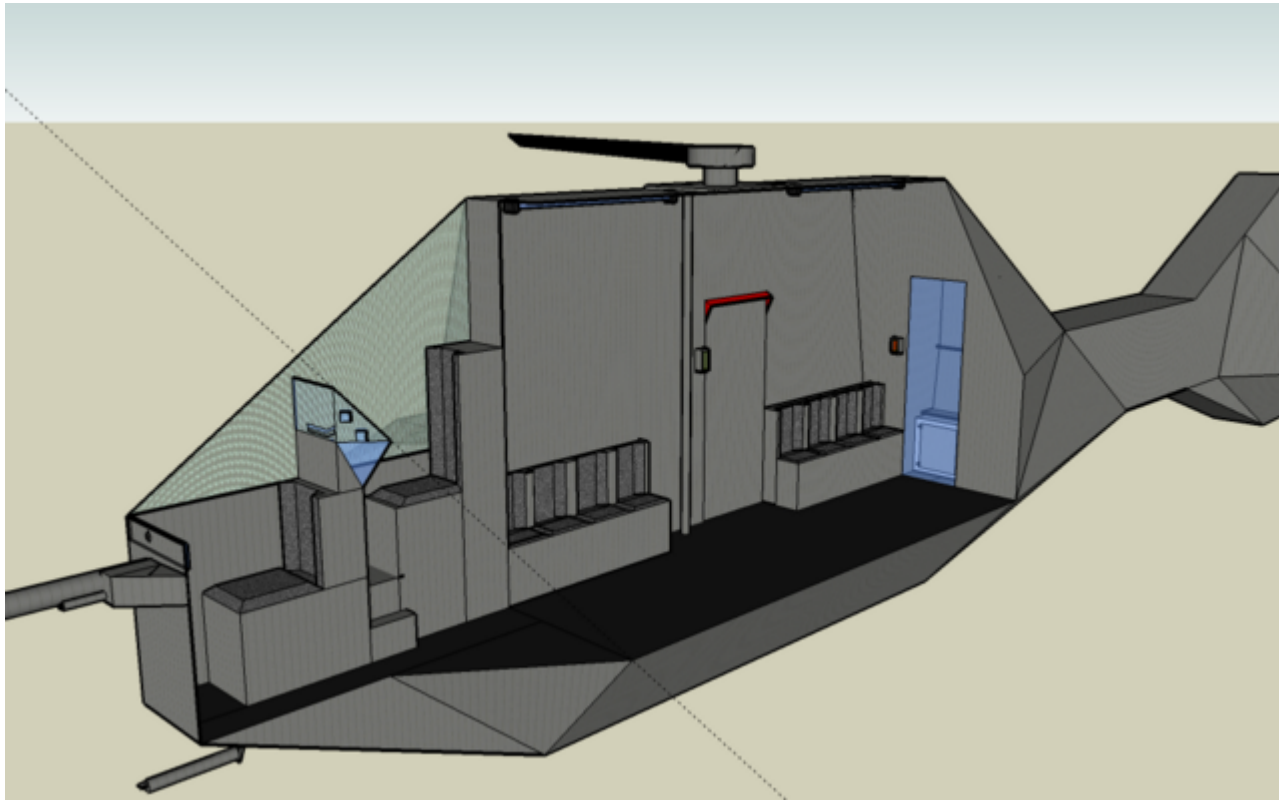
Continuum Distortion Drive: N/A Hyperspace Fold Drive: N/A Sublight Engines:

- *Atmospheric (No Gravitic)* 500 kmph
- *Atmospheric (Gravitic)* Mach 3.5
- *Space* .1c

Range: Atmospheric Lifespan: Theoretically 15 years Refit Cycle: At least once every two months, with maintenance after every mission

Inside the Ship

Deck Layout



Ship Systems

Armored Hull and Hull Integrated Systems

Stealth Layer

Light Zanarium Plating A thin layer of Zanarium is fitted over the regular armor systems present on the Crast and linked into the central power systems. *DR: 3*

Hull

Durandium fuselage with Nerimium plating The primary protection for the Crast comes from the thin Nerimium plates layered over the Durandium that takes up most of the chopper's mass. *DR: 8 and 6*

Cockpit

Transparent Durandium with non-reflective one-way coating The cockpit area of the Crast is protected by a 4-inch thick [Transparent Durandium](#) canopy. This canopy is highly resistant to small-arms fire and even some power armor weaponry. It has a non-reflective one-way coating, allowing the pilots to see what's going on outside without giving off light or similar indications to enemies. *DR: 6*

Computers and Electronics

CNN Uplink

Communications Network The IPG.DroogNET network is a massive communications system that links together the combat computers of all Operator-controlled Power Armors. The network takes all of this data, organizes it, and files it in the IPG central databanks. It can also be viewed at any time by select personnel at IPG Headquarters, and can be extended temporarily to other SAoN computer systems, both with or without their knowledge.

Drei AI

Combat and Operations computer A single Drei core is located in the Crast in the back of the pilots seat. This computer is responsible for assisting the pilot and gunner with navigation, flight, shooting, and coordinating with ground forces.

Sensors

Monoeyes Monoeyes on the Crast are located below the door, next to both MPR batteries, on the top and bottom of the tail module, below the cockpit and on the top of the rotor. These sensors function via either a slow and controlled release numerous particles capable with little lock-on functionality in passive mode, or rapid discharges in the multiple-lockon-capable active mode.

Emergency Systems

Life Support

Air recyclers and NBC protection Several air scrubbers are located in the rear of the Crast. These are fed through vents located around the cabin. The hull is pressurized and protected against nuclear, chemical, and biological weapons and their effects.

Emergency Beacon

Two very small transmitters dialed into the IPG's networks are located in the tail and in the nose of the Crast, and will transmit an SOS signal with a triangulation signal in the event of the chopper being shot down.

Countermeasures

Chaff Dispenser

This system, located on the bottom of the fuselage and tail module, is responsible for dropping a large cloud of metallic fragments meant to disrupt lockons from missiles and radar. The metallic fragments create large clusters of secondary radar returns, and can make temporarily make the Crast much harder to hit with guided missiles.

Propulsion

Rotor Blades

Nerimum stealthed helicopter blades The primary propulsion system of the Crast is the twin-bladed helicopter rotor on the top of the craft. These are specially designed to produce next to no noise, and are quiet enough to blend in with ambient sounds in many environments.

Gravitic Drive Systems

Maneuvering and Extra Propulsion Systems Two [gravitic drives](#) are present in the Crast. One, a Power Armor-scale drive, is located in the tail module, and is present to aid in maneuvering and holding the tail up, but it mostly incapable of propelling the chopper on its own. A second drive is located in the base of the Crast, and is rarely active, but is capable of propelling the craft alone, and even usable in space.

Power Systems

Fusion Reactor

2 Na-LFR-01a Light Fusion Reactors The primary power generation units on the Crast are 2 fusion reactors based in the bottom of the chopper, which provide power to all systems. Only one is usually running, but two are required for full operation of all systems and the heavy grav drive.

Shield Systems

Electrostatic/ Antigravity Shielding System

Primary Shields The Crast is shielded from many attacks by a relatively light shielding suite, and is mostly immune to scalar strikes thanks to a powerful anti-gravity system. *DR 5*

Weapons Systems

- [multiphase_rifle](#): 3, DR 7, 1 located on front of Crast, 2 located on side
- [PLA Pulse Laser Array](#): 2, DR 4, located beneath the cockpit and on bottom of tail module
- [Extended ARROW Rack 2B](#): 4, DR 5, all located on the tail module

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