

Paa Construction Pod

About the “Paa” Construction Pod

The “Paa” construction pod is meant to be used for construction projects which take place in extreme environments, but it was mostly intended to be used for space construction.

History and Background

After the [Lorath Matriarchy](#) population managed to reclaim the surface of their planet, they then went about expanding skyward, to accomplish this, they needed to produce a tool that would be used to keep construction crews safe while they made their mark upon space.

Dimensions and Crew Complement

Organizations Using This Vessel: The Lorath. (Various Lorath government organizations.)

Type: Construction Pod Class: LCP-006. (6th Variant.) Designer: Lorath, [House Occhestia](#). Manufacturer: Lorath, Occhestan Shipyards Production: Mass production.

Crew: 1-2. Maximum Capacity: 2. Appearance: The Paa has the appearance of a long hexagonal shape with a sphere at the end of it. Attached to the bottom of the sphere shaped pilot pod, there are two manipulator arms which would be used for construction work. There are two cylindrical pods attached to the sides of the hexagon shaped fuelsalage, these pods house the Paa’s thruster and drive systems.

Length: 5 meters Width: 2 meters Height: 2 meters Decks: 1 Mass: 20525 Lbs

Unit Price: 10,000 KS

Performance Statistics

Speed (STL): 9600 KPH Speed (Land): 128 KPH Speed (Aerial): Mach 1.5 Speed (Water): 15 knots surfaced, 30 knots submerged With Booster Rocket System: 0.0002c With External Drive System: 0.0010c

Range (Distance): 5 AU Range (Support): 170 Hours concious, 1 Month Induced Coma, Indefinite with cryogenic stasis components added to pilot pod Lifespan: When put into proper service (Being used like a whipped workhorse) 2-4 years Refit Cycle: Whenever the workload lets up

Inside the Paa

Pilot Pod: The Pilot Pod is just as it sounds, a small pod used to house the pilot, and the controls for the Paa. The Pilot Pod has a single leather seat, with a fold out seat behind it for a single passenger (The passenger would have VERY little legroom.). Control configurations often vary dependant upon the operator's preference and the assignment of the construction pod.

Fuselage Interior: The central fuselage of the Paa is intended to be used as a storage area for construction materials, thus for the most part it is a hollowed out shell with doors on the bottom and top of the hull. The power and computer systems for the Paa is nestled behind a bulkhead in the forward area of the fuelsalage.

Ship Systems

Hull: The hull of the Paa is composed of a mixture of aluminum and stone thread fibers, thus giving it a robust resistance against impact damage. For Paa units which are meant for moving in and out of the atmosphere, they are often coated in a protective shell of heat resistant material.

Pilot Pod: The pilot pod is a sphere shaped pod intended to house the control systems and pilot of the Paa. The rear and lower sections of the sphere are constructed from the same material as the hull of the Paa, and the upper front end of the pilot pod is constructed from a diamond composite with an overlay of stone thread material.

Inside of the pod, in a standard configuration, there are three control and display panels, these panels are used to monitor and alter the Paa's functions. Piloting of the Paa is accomplished by the use of a neural interface system, and a pair of electronic interface gloves. The pilot pod includes an air storage and recycling device, emergency pressure suit, first aid kit, waste disposal tube, and feeding tube.

Escape Pods: The Paa is not equipped with a separate escape pod, instead, the Paa can eject it's pilot pod, which would be able to sustain the pilot inside for five days.

Manipulator Arms (x2): The manipulator arms are robotic arms that are attached to the forward section of the fuelsalage, and the module which houses them extends beneath the Pilot Pod. The manipulator arms are meant to be used to move materials, and manipulate these materials in a constructive manner, but, if necessary, the arms could be used as a destructive tool.

The manipulator arms are often outfitted with a welding tool, rivet gun, nut, bolt, and screw driving tool, and a magnetically driven jackhammer which can be outfitted with different bits.

Drive Pods: The drive pods are attached to the port and starboard sides of the fuelsalage of the Paa, these pods house a small solid fuel thruster system, and are connected to fuel tanks in the fuelsalage which drive their liquid fuel thrust.

Land Based Drive Pods: These drive pods would be attached to the belly of the fuelsalage. They are two units with two tank treads, driven by an electric motor powered by the typical bacterial power supply

power packs.

Under Sea Drive Pods: These drive pods are attached to the sides of the fuelsalage, they are cylinders which house four propellers. The pods can be adjusted to direct the thrust given by the propellers. Along with the propeller pods, an additional pair of rudders would be attached to the hull to aid in steering.

Climber Pod: The climber pods are intended to be fixed onto the top, bottom, starboard, and port sides of the fuelsalage. The climber pods contain a magnetic coil system which would be used to attach the pod to the surface of a metallic structure. An additional wheel can be extended from the pod to make contact with the surface the pod is attached to, this wheel is attached to an electric motor which would propel the Paa over the surface it is attached to.

Connection Ports: Along the surface of the fuselage there are panels which can be removed and allow for the connection of various forms equipment. Equipment which can be connected to these ports ranges from drive pods, to manipulator arms, even weapons pods.

Sensor and Computer Systems: The computer systems of the Paa include the conventional neural-gel computing packs and basic computing systems reliant upon conventional microprocessors and magnetic hard disks. The sensors of the Paa include a basic color camera system, thermal imaging, and infrared imaging. The Paa's computers are capable of receiving data input from other vessels and networks, thus allowing for the Paa to have sensor information from other sources readily available, and additional computing power.

Anchor Launchers: The anchor launchers are located in the rear and forward areas of the Paa on the top and bottom sides. These launchers are used to launch a diamond tipped harpoon or grappling hook. The anchor is propelled from the launcher by a solid fuel charge and is attached to the launcher by a stone thread cable.

Main Power: The main power source for the Paa is a small fusion generator located inside of the fuselage.

Secondary Power: Secondary power for the Paa is a pair of large bacterial power cells located in the fuselage (About the size of two car batteries for each). The power cells can be fed material to be digested either by an organic material containment tank, or by a connection to the Pilot Pod's waste disposal.

Optional Power: Due to the connection ports that are located on the hull of the fuselage, the Paa can have an external power source attached to the vessel to allow for an external source of power to feed the ship's systems.

Weapons

None at this time, but weapons can be attached on request.

OOO Notes

This article was created by [DocTomoe](#). It was approved by [Wes](#) on September 20, 2006: [Approval Thread](#)

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Last update: **2023/12/21 04:23**

