

Ti'saren Shuttle

The Ti'saren is an outdated shuttle in use since ER 430 (Before YE)

About the Ti'saren

The Ti'saren Class Shuttle was created to help with the faring of people from one location to another, it's a cheap alternative to ground based transportation due in large part to it's easy to maintain systems and engines but also relatively low-cost and maintenance.

The shuttle is 'not' designed for combat, and has no armor and only environmental shields, what it does have going for it is being fast and nimble. It's used by almost everyone in the Kingdom, including the military onboard their ships and for transporting crews.

However, because it wasn't really designed for military use, its passenger compartment can't really hold a large amount of gear and soldiers are pretty much forced to place their weapons between their legs as there isn't room for them to place the weapons on their laps or even against their shoulders due to a low ceiling.

Features

The shuttle, although very old and in many cases considered to be outdated, is used for a number of different reasons. Its feature-set allows it to be used as an emergency transport for EMS workers, but also for civilian usage as taxi's and ferrying people from one point to another. It's got a low ceiling, so it can fit into tight spaces easily.

However, the shuttle's framework wasn't designed to withstand high-speed turns; it would literally rip itself to pieces. It also has no armor, and just has environmental shielding.

History

Designed in ER 430, the Ti'saren was created by an entrepreneur who felt that his people needed another means of moving through a planet other than using ground based vehicles or trains. Ti'saren had designed the shuttle to be fast and nimble; however this came at the cost of armor and shielding.

Despite its flaws, it's been in use for four hundred years with only minor refits done.

Appearance



The Ti'saren looks like a smoothed out box with the cockpit narrowed down toward the front while the rear is somewhat fat with two small engines located on the port and starboard side up along the top portion of the shuttle. The engines themselves extend a bit out of the rear, but curve inward toward the back. The shuttle maintains the Neshaten's general light gray hull color. Running lights are located on the shuttles forward top and bottom, and on the rear sides.

On the portside is the main entrance, with hand holds on either side. A small protrusion out of the top of the hull is the shuttles small cargohold, used to store luggage and other small items.

There are maintenance panels located under the shuttle, on the sides, and rear, and one that is located on each engine.

Statistical Data

General

Class: Ti'saren-Class Nomenclature: Ne-T1-1a Type: Shuttle Designers: Sun're Ti'saren Manufacturer: [Shukara Armaments and Manufacturing](#) Organizations using: [Kingdom of Neshaten](#), [Shukara Volunteer Navy](#) Price (MSRP): 6,000 Rn

Crew and Accommodations

Crew: 2 Maximum Capacity: 6 Emergency Capacity:12, However, it would be extremely cramped.

Dimensions

Length: 9.0 meters (feet) Width: 10.6 meters (feet) Height: 5 meters (feet) Decks: 1 (4 meters each)

Propulsion and Range

Speeds

The Ti'saren is a nimble vessel thanks to its engine placement; however it lacks an FTL drive so is incapable of FTL flight.

- Atmospheric: 1,283 kmph
- Sublight Engines: 38,983 km/sec

Durability and Maintenance

Service Lifespan: Roughly 40 years of constant usage with refits in-between.

Refit Cycle: Refit cycle of once every ten years.

Damage Capacity

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

Hull: 8 SP (Structure) Shields: 5 (Threshold 1)

Ti'saren

The insides of the Ti'saren are rather cramped, not really spacious except for the passenger area.

Cockpit

The cockpit has enough room for only two people, the pilot and co-pilot. The pilot sits on the left side while the co-pilot is on the right, both of which have full control over the shuttle. There is no door

between the cockpit and the passenger compartment. It has a single set of windows facing forward and curved slightly around the sides to present the pilot and co-pilot with a good view of their surroundings.

Passenger Compartment

The passenger compartment has seating for six people, with four seats on right wall and two on the left with the shuttles main door between the two seats. The seats are bolted but can be removed to turn the passenger compartment into storage space for small containers or for use in other applications.

Framework

The ships framework is composed of light-weight [crynatorium](#).

Engine compartment

Located rear of the shuttle is a small hatch that leads to the location of the shuttles small engine. It is locked and can only be accessed by the shuttle crew.

Ship Systems

Engines

The ship uses a [Crena Energy Engine](#) for propulsion, the engine is located on the shuttles rear port and starboard.

Shields

The shuttle uses environmental shields to protect itself from hazards such as radiation and micro-meteorites.

Reactor System

Uses a small [Lunebaren Reactors](#) for power, the reactor is located just behind the passenger compartment but in front of the engines, to allow for easy servicing.

Anti-Grav System

The shuttle is equipped with an anti-gravity based system that gives it vertical take off and landing abilities.

Sensors

The shuttle is equipped with [SC-Basic Sensor Package](#).

Computer System

The Ti'saren uses a quantum computer to process data onboard the shuttle but also to operate its onboard systems.

Life Support

Located under the shuttles deck is the life support system, it can be accessed by removing the deck plates.

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