

Dearglass Light Cargo

A small, retro-styled cargo ship manufactured by [Origin Industries](#), the Dearglass Light Cargo is based off an old design that predates Yamatai and the Nepleslian Star Empire.



About the Ship

The Dearglass Light Cargo is a small cargo-carrying craft designed for short to medium ranged transport of small amounts of cargo. It is capable of long range transport, but the extremely basic accommodations make that a less viable pursuit. Designed to be a basic, sturdy workhorse, it is slightly bigger than a shuttle but much smaller than most other craft, making it an efficient means of transporting small amounts of cargo on or off a planet.

Key Features

The Dearglass has several notable features.

- Basic, no frills design
- Extremely sturdy construction
- efficient transport of small amounts of cargo anywhere, anytime.

Mission Specialization

Due to its design, the Dearglass can easily be adapted to a number of transport applications.

- Ship-to-ship Supply Operations
- Interstitial Transport
- Small Business Cargo and Delivery

Appearance

The Dearglass is composed of a cylindrical fuselage, with a rounded nose at the front, and a slanted cargo door at the rear. Stubby wings hold large engine pods on their ends, with a third engine on a short pylon above the cargo door at the extreme rear of the ship. The cockpit has multiple large windows for exceptional visibility.





History and Background

The Dearglass Light Cargo is an archaic design hailing from the days before the [Yamatai Star Empire](#) and the [Democratic Imperium of Nepleslia](#). It is a simple, rugged, and reliable craft that was originally designed for Slower Than Light movement of cargo from a planet's surface and onto orbital colonies or larger, long-distance space craft. With some spaceframes being more than a century old the craft had seen a long production run, but despite many upgrades and refits done by the original manufacturer as well as private enterprises, it was eventually retired. Still, with final production units gaining the ability of Faster Than Light travel, they could be seen working on backwater planets, and even around frontier systems.

During her many travels, [Origin Industries'](#) CEO [Aerin Tatst](#) came across the venerable bird in Nepleslian space, and, enamored by its sheer pluck and survival, sought to update and recreate the design. Through no small effort of clerical wizardry and sleuthing, Aerin was able to acquire the licensing and production rights to the craft, then proceeded to modify and update it to modern, if basic, standards.

Statistics and Performance

Below is information about the craft and its performance.

General

General Information about the Dearglass Light Cargo.

- **Year Of Manufacture:** [YE 40](#)
- **Price:** 20,000 KS
- Class: OI-L5-1A
- Type: Light Cargo
- Designers: Carpenter Dearglass ¹⁾, [Origin Industries](#)
- Manufacturer: [Origin Industries](#)
- Production: Up to 1,000
- Fielded by: Various Civilian Organizations, Private Owners

Passengers

Information on crew and passenger capacity.

- Crew: 2 operators are recommended, 1 is required.
- Maximum Capacity: There are accommodations for 7 people. About 40 people can fit aboard in an emergency, but the ship would be extremely cramped and the cargo hold would have to be emptied.

Dimensions

Information on the size of the craft.

- Length: 20 meters
- Width: 12 meters
- Height: 4 meters
- Decks: 2²⁾
- **Cargo Bay:** 3x3x12 meters, running from the rear cargo ramp to the forward systems room

Propulsion and Range

Information on speeds and range of the Dearglass Light Cargo

- **Hyperspace Fold Drive:** .35 ly/min
- **Continuum Distortion Drive:** 10,000c.
- **Heavy Fusion Thrusters:** .3c.
- Range: Three months before the craft must be refueled.
- Lifespan: At least ten years.

- Refit Cycle: Annually

Damage Capacity

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

- Hull: Tier 8
- Shields: Tier 8

Inside the Ship

The Dearglass Light Cargo has a very sparse, utilitarian look to it. Every part of the ship is tough, Durable, and functional, without much in the way of Aesthetics.

Deck Layout

The Dearglass Light Cargo has three distinct sections: The Flight Deck, the Cargo bay, and the Reactor and CDD room.

Flight Deck

The flight deck is a simple, relatively short deck which contains two pilot's seats with identical controls and screens, which can be used by the Pilot and Copilot. There is a third seat located behind and between the two pilot's seats which can be used as a communications and navigations seat. All three seats have full five point safety harnesses, and each seat has a small gravimetric stabilizer to limit G-forces on the crew.

At the back of the flight deck is a small 'lounge' for lack of a better word, which contains a small round table with a cushioned wraparound bench seat. Tucked in the cushions are four sets of harnesses, and the table contains a gravimetric stabilizer to reduce G-forces on the occupants as well as keep objects on the table in space.

In the wall behind the bench is a small kitchenette containing a refrigerator, microwave, and [Coffee](#) maker, as well as a drink fountain that can be loaded with up to four different beverages.

Cargo Storage Areas

The cargo storage area of the Dearglass is essentially a 3 meter by 3 meter by 12 meter box. there isn't much in it aside from a sliding tie-down system, a very sturdy floor made from [Durandium Alloy](#). Toward the front of the cargo bay is a bulkhead that contains a doorway into the reactor and CDD room, and a ladder up into the flight deck.

At the very front of the cargo bay is a hydraulically operated cargo ramp, which folds downward to allow cargo to be loaded and unloaded. it is controlled by a small control panel on the port side of the cargo bay.

Reactor and CDD room

As the name implies, this is a small, cramped room whose space is mostly taken up by the [HONEY SLAM](#) Fusion reactor, as well as a basic [Continuum Distortion Drive](#). This room also contains a series of valves and pumps that allow fuel for the fusion reactor to be transferred from one tank to the other in order to maintain balance. This is done automatically, but can be done manually in an emergency.

Ship Systems

Hull and Hull Integrated Systems

The ship is constructed from mostly [Durandium](#), made thin so as to allow more room for cargo. Because of this, the ship not offered very much protection in the case of attacks.

Power Source

The Dearglass Light Cargo makes use of Origin's [HONEY SLAM](#) Fusion Generator, giving it a rather high power output despite its small size. the fuel for the Fusion Generator is stored in the 'wings' to either side of the fuselage.

Computers and Electronics

The [Destiny AI "Knight" Suite](#) is installed on the bridge, beneath the pilots' control panels.

Emergency Systems

The Dearglass contains a basic fire suppression system, using a nontoxic expanding foam to douse flames and prevent them from consuming oxygen, snuffing the fire out.

Shields

The ship is equipped with a basic deflector system, to protect from wayward debris and radiation, etc.

Life Support Systems

The ship is equipped with basic air scrubbers. The ship also has an air conditioning system, which heats or cools the air inside the ship to maintain a comfortable climate.

Propulsion

The Dearglass Light Cargo uses three heavy fusion thrusters to provide forward motion. These thrusters are also capable of pivoting along a vertical plane to help provide STL control, as well as control in atmosphere. Additionally, these pivoting thrusters can be pointed downward for vertical take-offs and landings. The ship is also propelled by a Continuum Distortion Drive for faster than light travel, which has such a small 'bubble' it is incapable of 'towing' anything along with the ship unless it is physically attached to the hull.

OOC Notes

[Kai](#) created this article on 2018/06/18 16:52.

Products & Items Database	
Product Categories	small craft, starships
Product Name	Dearglass Light Cargo
Nomenclature	OI-L5-1A
Manufacturer	Origin Industries
Year Released	YE 40
Price (KS)	20,000.00 KS

¹⁾

Original design

²⁾

1 cargo deck, one flight deck

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