

C5f

The C5f is an industrial platform developed in [YE_40](#) for use in building up the infrastructure of newly uplifted populations of less advanced star systems.



About the Ship

While the majority of production for ship components is usually carried out on the surface of [188604](#), industrial development of other star systems required manufacturing facilities in orbit around planets that may be unsuitable for life or even for physical structures. The quick solution was simply to bolt existing components together to create a mobile industrial platform that can serve a variety of purposes.

The C5f is just that. Designed over the course of 2 days, the ship uses two C5 hulls connected by scaffolding with some additional paneling to allow for a properly mounted FTL field generation system. Numerous energy field generators are used to both protect the systems inside as well as to better position the manufacturing, storage, or refinement systems for any job. This allows a C5f to be used as a manufacturing line for smaller objects, or as a home base for working on larger projects outside of its main structure.

Key Features

The key feature of the C5f is its modularity and ease of use. Components can be welded directly to the hull and connected to the power systems that already run through either of the C5 hull [bread boards](#) for ease of use. Whatever specialized equipment is needed for production can simply be added to the superstructure as required.

Mission Specialization

The C5f specializes in industrial work.

- Manufacturing
- Ore processing
- In orbit final assembly
- Repair work

Appearance

The ship is constructed from two of the Hexagonal C5 main bodies with a connecting support scaffold placed between them. Two FTL pannels are established in the center and slightly offset from the

scaffolding section.



History and Background

By [YE_40](#) the rapid expansion of [USO](#) started outpacing the capacity of its planet-based factories to keep up. The existing orbital facilities could be moved, however, there were a limited number of those available. In order to help keep up with the fast pace of growth, simple industrial ships were put together from existing C5 hulls. These craft could easily be tested out above [188604](#) and then moved to their final destinations or simply moved to where they would be best employed as the need arose.

Statistics and Performance

The C5f is mostly built for moving to a location and staying there. It uses the same high performance containerized parts as the C5.

General

- **Class:** C5f
- **Type:** Industrial Ship
- **Designers:** [heram_j._wazu](#)
- **Manufacturer:** [Vier](#)
- **Fielded by:** [USO](#)

Passengers

Crew: 0, though the ship may be attached to a [u7b](#) command ship.

Maximum Capacity: 0

Dimensions

- **Length:** 370 meters
- **Width:** 76 meters
- **Height:** 76 meters

Propulsion and Range

- **Hyperspace Fold Drive:** 0.25ly/min

- **Sublight Engines:** 0.25c
- **Range:** 100,000ly
- **Lifespan:** 10 years
- **Refit Cycle:** 2 years

Damage Capacity

SARPV3 Tier: Tier 12, Heavy Starship.

Shield Type: Bubble

Inside the Ship

The ship has no real 'interior' and is largely open to space. Additional manufacturing platforms can be attached to the exterior, or factory equipment can be attached to the interior along with storage tanks for raw materials. This means that the internal components often are different between C5f class ships.

Ship Systems

The C5F is a highly variable ship that can have various pieces of equipment connected to it.

Armored Hull and Hull Integrated Systems

[Durandium](#) is used to protect the craft against the rigors of space travel. This provides the C5f's vital components with sufficient defense against radiation and small impacts, but is not intended to provide protection against weapons fire.

Computers and Electronics

Two [Electronics Cargo Containers](#) are used for both power and as control systems. They can run the ship autonomously, or be remotely controlled.

Propulsion

Twenty-Four [starshipenginecontainerye38](#) are used to provide propulsion for the craft. Unlike the more heavily equipped C5 class ships, the C5f only has forward and backward facing engines making it capable of maneuvering but not as easily as the other ships of its type.

Shield Systems

Numerous [electrostaticfieldgeneratorcontainer](#) are used to provide shielding for the ship, as well as to manipulate the various industrial equipment that can be attached to the hull.

Vehicle Complement

The C5f can mount up to 12 [u7b](#) sized shuttles to the interior of the hull on either side, though only one is needed.

Shuttles

- [u7b](#) x1

OOC Notes

[zack](#) created this article on 2018/07/15 19:06. It was approved by [raz](#) on 2018/07/27 19:52 [in this thread](#)

From:

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

Permanent link:

<https://wiki.stararmy.com/doku.php?id=corp:wazu:c5f&rev=1532741645>

Last update: **2023/12/20 21:14**

