

CRIPPEN CLASS XVI COLONIAL TRANSPORT

Ship Recognition/Research Report

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Introduced around Stardate 2/2310, the Crippen Class Colonial Transport was seen as an extremely much needed asset due to the Federation being in dire straits over the Cochrane Class Colonial Transport becoming more and more outdated. It was found that there were more to be colonized in our galaxy than we could keep up with.

With the TransWarp technology making great strides towards quicker transportation and communication across the galaxy, it was obvious that exploratory missions with this technology would be useful when encountering an uncharted world. These ships would be quicker in getting this information back to the Star Fleet Colonial Operations Command. It was then seen that the Cochrane Colonial Transport was outdated and virtually useless due to its inability to keep pace with the number of planets becoming available farther and farther out into Federation territory. Also, it carried only a relatively small complement of colonists and supplies. The Crippen, although only ten are currently in use, are seen as an extremely useful transport because fewer are needed to move large numbers of colonists to a newly uncharted world faster than ever before.

To keep up with today's transwarp capable exploration ships, the Crippen is outfitted with two Shuvinaaljis FTWB-2 transwarp engines. These new engines were a product of Shuvinaaljis's attempt to recapture the transwarp engine market from Leeding Engines Ltd. Another major advantage enjoyed by the Crippen is its ability to also carry terraforming equipment for use on worlds that are almost usable by races of

the Federation, but just need that extra little "nudging." This in turn increases the rate of speed in which new worlds are available for use by having the prospective colonists assist in the terraforming and development procedures and then having them already at the planet upon completion.

The Crippen has two very large fore and aft shuttle bays for the terraforming/colonization equipment to be transported by heavy equipment shuttlecarriers down to the planet's surface. It can virtually carry everything for its complement of 5,000 colonists. With a cargo capacity of 6,500 SCU's, the Crippen can transport 600,000mt of supplies and equipment for its complement of colonists and ship's crew of 52. These figures are well over the capacity of the Cochrane Class and other previous classes. The weapons systems are upgraded and, although it is always hoped that they won't need to be used, would be sufficient in discouraging would-be attackers. These leviathan vessels have quickly become the flagships of the Star Fleet Colonial Operations Command.

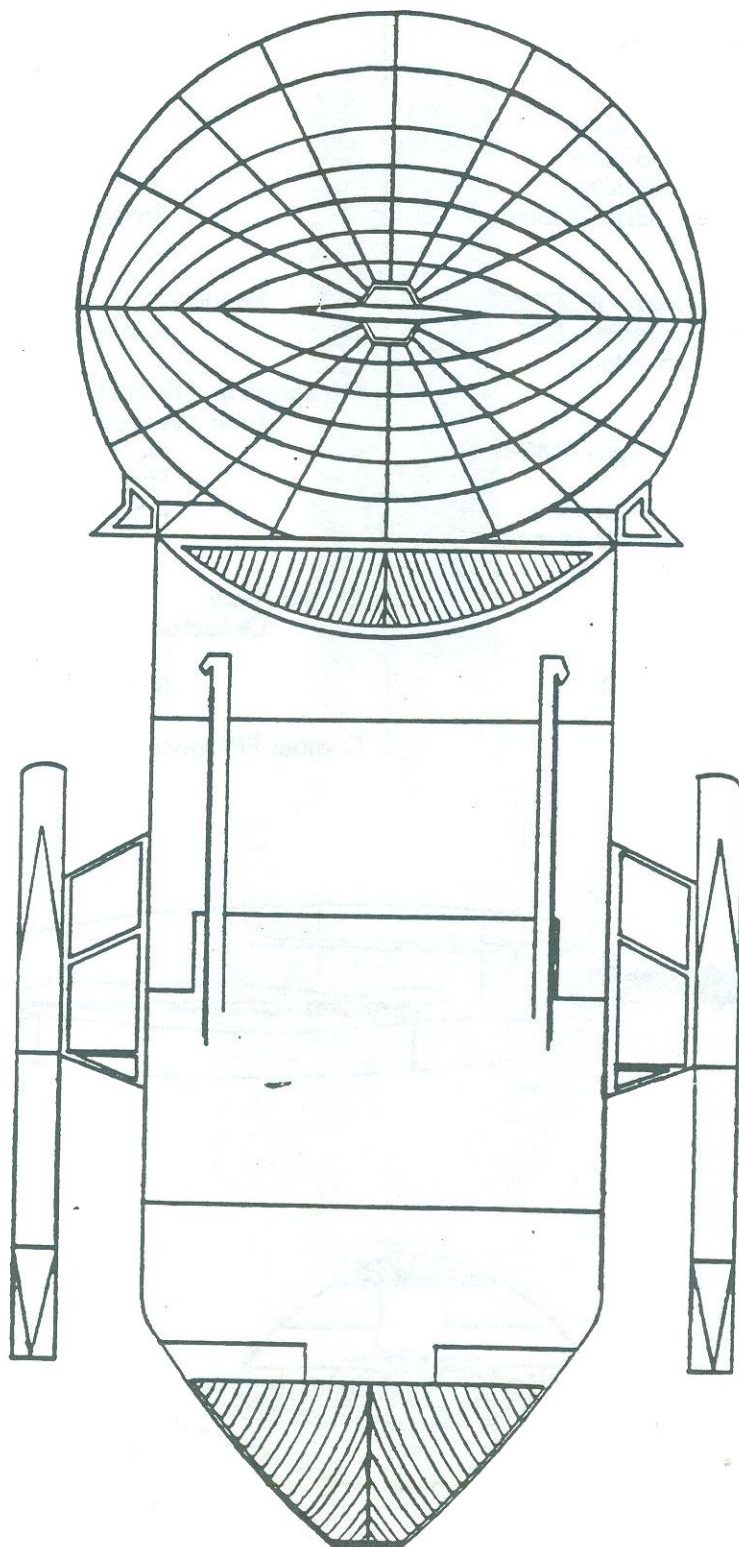
The Crippen Class Colonial Transport is Caitian design and is currently produced solely at the Cait shipyards with more facilities to begin construction of these highly desired vessels within the coming months. It is named after the Terran astronaut, Robert W. Crippen, who was the pilot on Earth's first "reusable" planetary space shuttle in the late twentieth century of Terra's early history.

A modified version of the Crippen Class is still on the drawing boards to be used as a

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new assault ship class despite Caitian protests of using a ship of their design for anything other than a benevolent purpose.

The prototype for this new generation of assault craft has yet to undergo trial runs.



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CRIPPEN CLASS XVI COLONIAL TRANSPORT
Technical Data

Construction Data:

Model Numbers - MKI
Date Entering Service - 2/2310
Number Constructed - 10

Hull Data:

Superstructure Points - 25
Damage Chart - C

Size:

Length 620m
Width 370m
Height 180m
Weight 385,000mt

Cargo:

Cargo Units - 6,500SCU
Cargo Capacity - 600,000mt
Landing Capability- None

Equipment Data:

Control Computer Type - M6-A
Transporters:

standard 6-person	12
emergency 22-person	10
cargo - small	8
large	6

Other Data:

Crew - 52
Colonists 5,000
Shuttlecraft 8
Shuttlecarriers 10

Engines and Power Data:

Total Power Units Available - 122
Movement Point Ratio 6/1
Warp Engine Type FTWB-2
Number - 2
Power Units Available 49
Stress Charts - D/F
Maximum Safe Cruising
Speed :
unloaded - Warp 10
loaded - Warp 9
Emergency Speed:
unloaded - Warp 12
loaded - Warp 11
Impulse Engine Type - FIG-1
Power Units Available - 24

Weapons and Firing Data:

Beam Weapon Type - FH-3
Number - 6 in 3 banks
Firing Arcs- 2 f/p, 2 f/s, 2a
Firing Chart - W
Maximum Power - 5

Shields Data:

Deflector Shield Type - FSN
Shield Point Ratio - 1/2
Maximum Shield Power - 10

Combat Efficiency: Not Rated

