Ke-T7 "Raccoon" Transport Shuttle

The “Raccoon” is a low-cost, good-performance shuttle. It is produced by Ketsurui Fleet Yards.



Price: 20,000 KS for the base model.

History

The Ke-T7 “Racoon” was designed in YE 30 to replace the YE 24 Ke-T3 "Lion" Transport Shuttle as a main infantry platoon transport craft in the Star Army of Yamatai, and replaced the Jilanth T2 Military Shuttle as the Star Army's main “fast shuttle.”

Following a problematic situation in 43.6, during a rescue mission by the YSS Resurgence, 10 spacesuits were added to the standard emergency supplies carried on all Star Army T7 shuttles.

About the Raccoon T7

The Raccoon T7 is distinctive because it is the first “Fast Shuttle” (Speed Category 7) built by Ketsurui

Fleet Yards. It includes powerful engines, field systems and the ability to carry a small hyperspace fold drive.

The Raccoon can also dock with most ships using a variable-diameter hatch (on its aft dorsal surface) or it can simply use the rear loading ramp if a landing spot is available.

Mission Specialization

The Raccoon T7 is best suited for the following mission types:

- Local Transport (ship to ship, ship to planet, and planet to ship)
- Interstellar Transport (with hyperspace module)
- Special Operations (Stealth variant)

Variations

The Raccoon comes in several variants:

- Ke-T7-1A: Standard (no hyperspace fold system installed)
- Ke-T7-1B: Long Range (with hyperspace fold system installed)
- Ke-T7-1C: Stealth (Xiulurium armor kit installed) - *This variant is rare*

Appearance

The shuttle consists of a tapered rectangular main body with two slight angled engine nacelles attached to the sides. A docking hatch is found on the top rear of the craft and a cockpit window on the sloped dorsal front.



Statistics and Performance

General

- Class: Ke-T7-1A
- Type: Shuttle
- Designers: Ketsurui Fleet Yards
- Manufacturer: Ketsurui Fleet Yards, Gemini Star Fortress
- Production: Mass Production
- Fielded by: Star Army of Yamatai

Passengers

Crew: 2 operators are recommended, but only one is required. There are accommodations for 52 people (2 pilots, 48 passengers, and 2 additional crew)

Dimensions

- Length: About 11.5 meters (37.73 feet)
- Width: About 8 meters (26.25 feet)
- Height: Just over 2 meters (6.56 feet)

- Decks: 1

Propulsion and Range

Category 7 (See: Star Army of Yamatai Starship Speeds)

- Continuum Distortion Drive: 18,750c (~2.14 ly/h)
- Hyperspace Fold Drive: 262,980c (0.50 ly/m) - *Ke-T7-1B and Ke-T7-1C models only*
- Sublight Engines: .375c (~112,422 kilometers per second)
- Range: Limited only by crew supplies.
- Lifespan: 20+ Years
- Refit Cycle: Once every 5 years

Inside the Shuttle

Cockpit Area

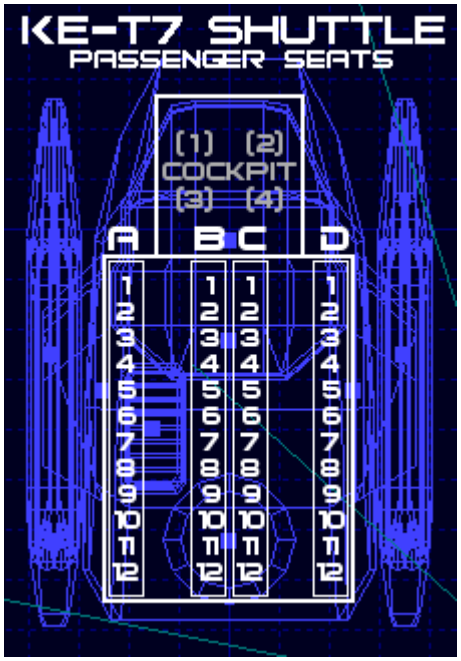
Contains two side-by-side control stations for piloting the craft. Two additional computer stations also sit behind the pilots. A SPINE interface available for all four chairs. The cockpit area is accessed through one of two airtight doors leading into the transport area. These doors are on either side of a column in the center that contains the ship's hyperspace fold system. The cockpit area also contains a storage area forward of the controls, used to keep the shuttle's emergency supplies:

- 200 Gallons of Water
- 5 Type 31B Large-Size Survival Kits
- 5 Type 35 Body Bags
- 10 Type 31C Medical Kits
- 10 Star Army Environmental Suit, Type 28 (AMES)

To access the supplies, unlock and remove the labeled panel at the front of the cockpit area walkways. The water has a dispenser and cups.

Transport Area

Note: Both the rear door and the docking hatch are equipped with an air-containment force-field.



Cargo Configuration

Seats are all folded away; cargo containers or palettes are secured to the floor with thick red straps. Can fit 4 Light Utility Trucks (2×2).

Passenger Configuration

12 seats line each side wall facing outward (not forward) and two more rows of 12 seats face back-to-back along the shuttle's centerline.

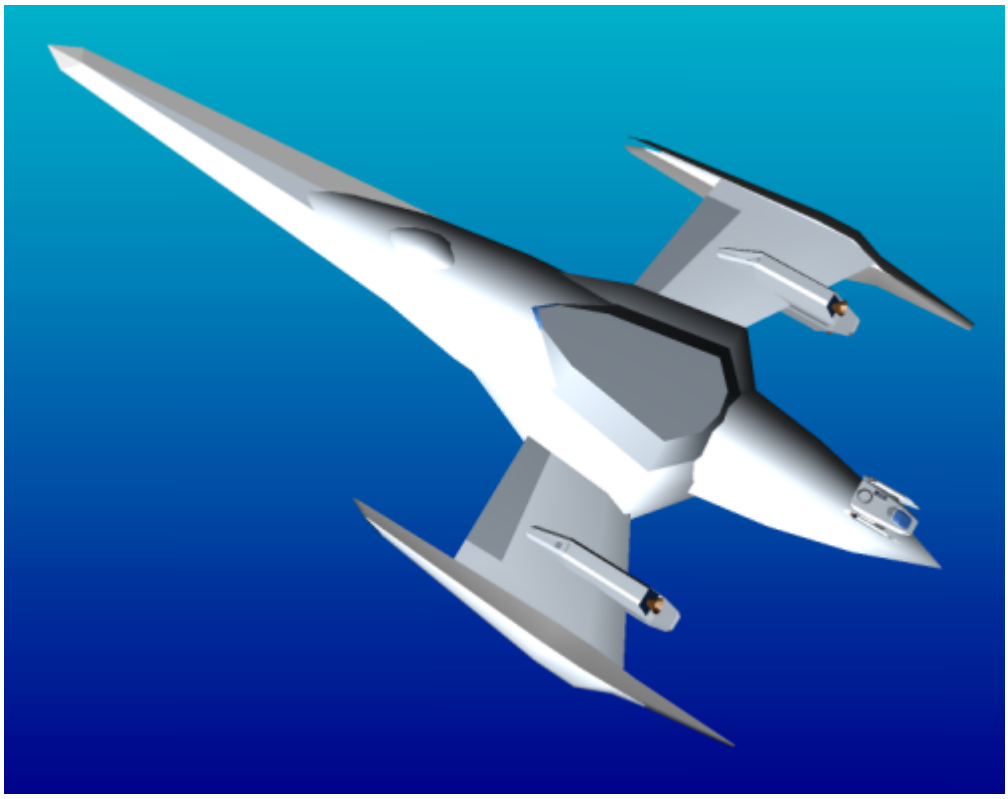
Power Armor Configuration

12 seats line each side wall facing outward (not forward) for a total of 24. The center area is taken up by power armors, piled and secured to the floor with thick red straps. 2 Light Utility Trucks can be substituted for the power armors (or placed under them, but this would be extremely crowded).

Systems

- Aether Generators
- Artificial gravity system for cockpit area and for transport area (separate)
- Chaff/Flare Dispensers
- Compact Integrated Electronics System (CIES)
- Combined Field System
- Durandium Alloy unibody hull construction. DR 12.

- Emergency Homing Beacon (must be manually activated)
- Hyperspace Fold Drive on Ke-T7-1B and Ke-T7-1C
- Psionic Signal Controller
- Star Army Standard Life Support Systems
- Stealth armor only available on Ke-T7-1C Variant (rare)
- No weapons (except for the CFS).



Comparison with Plumeria-class (2D) Medium Gunship



OOC Notes

Authored and approved by Wes on November 29, 2007[1)]

Star Army Logistics	
Supply Classification	Class B - SMALL CRAFT

Products & Items Database	
Product Categories	small craft
Product Name	Raccoon Transport Shuttle
Nomenclature	Ke-T7-1A
Manufacturer	Ketsurui Fleet Yards
Year Released	YE 30
Price (KS)	20 ,000.00 KS

1)

https://stararmy.com/roleplay-forum/index.php?threads/raccoon-t7-transport-shuttle.765/

From:
https://wiki.stararmy.com/ - **STAR ARMY**

Permanent link:
https://wiki.stararmy.com/doku.php?id=stararmy:small_craft:raccoon_t7_transport_shuttle

Last update: **2023/12/21 01:02**