

# Taka-Class Shuttle (1B)

A fast, luxurious transport that is agile, armored, and indulgently comfortable, the Taka-Class is easily configurable for a variety of missions.



Price: 50,000 KS (sold only to the Star Army).

## History

The Taka-Class Shuttle (1B) was introduced in [YE 44](#).

## About the Taka-Class Shuttle (1B)

The 1B variant of the [Taka-Class Shuttle](#), outfitted to [Star Army of Yamatai](#) standards. Taka (鷹) means “hawk” in [Yamataigo](#).

## Mission Specialization

This ship is ideal for fulfilling the following mission profiles.

- Away Team Operations and Support
- VIP transport

- Cargo operations
- Troop transport

## Appearance of the Taka-Class

With the typical [Yugumo Fleetworks](#) combination of sleek and chunky, the Taka features sharp angles and an aggressive, somewhat maritime look. Even if more angular and less curved than ships like the [Misha](#), it still fits in well with the [current design ethos](#).

With the exception of the systems upgraded to [Star Army of Yamatai](#) standards, the interior is identical to the [base model](#).

## Statistics and Performance

The Taka-Class Shuttle 1B is a high-performance, milspec, luxury shuttle that does not sacrifice comfort for endurance, speed, and maneuverability.

### General Statistics

- Class: [Yu-T1-1B](#)
- Type: Shuttle
- Designers: [Yugumo Fleetworks](#), [Osman Heavy Industries](#)
- Manufacturer: [Yugumo Corporation](#), [Jiyuu System](#)
- Fielded by: [Star Army of Yamatai](#)
- Production: Mass Production

### Passengers

- Crew: 1 individual required, 2 individuals for recommended operation. Up to 2 attendants.
- Passengers: None in [cargo configuration](#), 6 in [passenger configuration](#), and 24 in [troop carrier configuration](#).
- Maximum Capacity: About 40 people can fit aboard the passenger variant in an emergency, or up to 60 in the cargo and troop carrier variants, but the ship would be extremely cramped.

### Dimensions

- Length: 16 meters (52.5 feet)
- Width: 14 meters (45.93 feet) widest, 6m (19.69 feet) fuselage
- Height: 3.5 meters (11.48 feet)
- Decks: 1.5 (2.25m high)

## Propulsion and Range

The military-spec upgrades to this variant bring the Taka-Class in line with [Star Army of Yamatai Starship Speeds](#).

- [Mizu II Series - Nami II CDD](#): 18,750c
- [Yumeoibito Hyperspace Fold Drive](#): 0.75ly/m
- [Multi-Stage Turbo Aether Plasma Drives](#): Synced to 0.375c, overridable to 0.425c
- Ground Speed (Hovering): 540km/h
- Max. Atmospheric Speed: 🚀 [Mach 2.6](#)
- Range: Unlimited
- Lifespan: Review every 10 years
- Refit Cycle: Every 5 years or as needed

## Damage Capacity

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

- Hull: Tier 8 (Medium Mecha)
- Shields: Tier 8 (Medium Mecha)

## SAoY Variant

The [Star Army of Yamatai](#) variant differs from the [civilian 1A variant](#) by the installation and upgrades of a few additional, restricted systems. Many of these systems are taken from the [Ke-V9 "Nodachi" Assault Fighter](#).

The [SAoY](#) variant's [nomenclature](#) is Yu-T1-1B.

- A bank of [Geshrinari Aether Generator](#) is installed in the power section of [engineering](#). They are primarily used to supply the drives and weapons systems with aether, while the [QF Generators](#) power less intensive systems.
- The primary engines are upgraded to [Multi-stage Turbo Aether Plasma Drives](#).
- The [Combined Field System](#) is provided by an [Integrated CFS Array](#), freeing the nacelles for additional systems.
- A [Geshrinari Psionic Signal Controller](#) is installed per regulations.
- [Star Army Standard Life Support Systems](#) are installed as the primary, leaving the [default](#) as a backup.
- A [Compact Integrated Electronics System \(CIES\)](#), along with its sensors, is installed as the master system. The [KAIMON-Portal](#) is relegated to a secondary system for backup and ancillary or auxiliary computing. Much like the [Amatsuomame's secondary "Destiny" computer](#), [KAIMON](#) handles most of the administrative functions on board the ship, taking priority on the daily running of the systems and personnel, as well as fleet management duties. Its sensors and communications are secondary, used mainly as a backup system in case the primary systems become damaged or otherwise inoperable, while the [KAMI](#) performs most of the tactical and strategic functions and is the the

primary sensor and communications package.

- [Star Army Bunk Bed, Type 40](#) are upgraded from the *Deluxe* to the *Military* variant.
- Seats and stations are upgraded to have compatibility with [SPINE](#).

## Signature Reduction and Stealth

The armor layer is impregnated with an [Omnihue](#) matrix, allowing effectively unlimited control over the coloration, pattern, text, and insignia of the surface. This serves as thermoptic camouflage and signature reduction, if set properly. The inclusion of the [Type 44 Star Army Electronic Warfare Suite](#) increases these capabilities by utilizing [Xiulurium](#) to replace the [Sitearium](#) coating on the 1A variant, and leveraging the stealth capabilities of the [ICFS](#).

## Computers and Electronics

The *Taka*-class Shuttle (1B) is equipped with [Compact Integrated Electronics System \(CIES\)](#) as the master system, with its included communications, targeting, interface, and sensor systems. [KAIMON](#) is still installed, but it plays a secondary role and serves to facilitate the [ELECTRA-Passage](#). It also has the uplink and [PANTHEON/SYNC](#) connect module.

In addition to its [KAIMON Kagami sensors](#) and CIES sensors, there are also a [Mineral Scanner](#) and [SachiTech Tech-Scanner](#) available to the pilot.

## Electronic Warfare Suite

*Taka*-class 1B are equipped with [Star Army Electronic Warfare Suite, Type 44](#), the [Star Army of Yamatai](#) variant of the [ELECTRA](#) system.

## Sorakagami

To better facilitate low-altitude operations and NOE flight courses, the *Taka* 1B is equipped with the [Sorakagami Aerospace Operations Suite](#) integrated from the factory.

## Umikagami

The *Taka*-class Shuttle 1B has the [Umikagami Subsurface Operations Suite](#), enabling a range of sub-aquatic applications.

## Default Defensive Loadout

- 8 x "Tachikaze" Point Defense Cannons Type 43 (Tier 6 Heavy Anti-Armor, Point Defense)
- Plasma Projection System<sup>1)</sup> (Variable-Tier Multipurpose Weapons System, 2 Tier-Equivalent Weapons Groups, Max DR 7 per weapon)

## Defensive Systems

- Ke-V9-W3302 Integrated Aether Flare Launcher
- Ke-V9-W3303 Integrated Anti-Radar Chaff Dispenser

## OOC Notes

Yuuki created this article on 2022/10/22 19:49. Approved by Wes as a sub-article.

Art by Alex Hart.

Products & Items Database	
Product Categories	small craft
Product Name	Taka-Class Shuttle (1B)
Nomenclature	Yu-T1-1B
Manufacturer	Yugumo Corporation, Yugumo Fleetworks
Year Released	YE 44
Price (KS)	50,000.00 KS
DR v3 max	Tier 8
Star Army Logistics	
Supply Classification	Class B - SMALL CRAFT
First Used	YE 44

<sup>1)</sup>  
Aether Plasma available

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