

# Gundam Robotics Systems

## Industry and Technology Review

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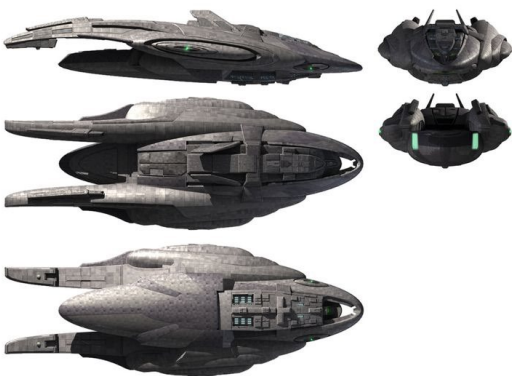
### Walking Through A Starship

Tour A U.S. Space Force  
Starship

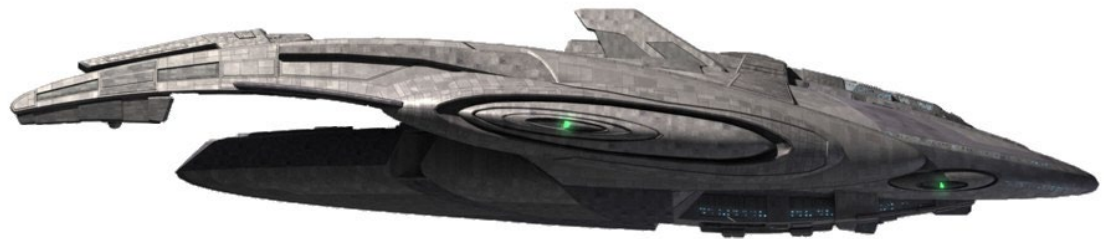
The starships of the future must create a bridge between worlds without becoming a source of death to the regions where we travel. For our species to survive, fuel and waste must be sanitary and non-toxic. We must arrive in new worlds without presenting a threat of disease or toxicity.

In this journal, we will imagine ourselves as a visitor on a tour of a future Starship. Gundam's future Starships will use modern applications of proven and reliable technologies. Seeing how we use technology in new ways should inspire you to share your ideas in your own journals. This is how we develop new ideas.

The Starship will be called the Starship America I. On your tour, don't press any buttons or touch anything or we will throw you off the ship.



(ii) The Gundam America I updates the open-source hull architecture developed by Maturians from Sirius.



(i) Starship America I of the United States Space Force

Welcome To The Starship America I

## Gundam's Mobile Starship

Building Starships Without Manufactured Waste Products

The Starship America I is a large space warship manufactured in hyper-dense manufacturing environments. Gundams titanium hulls are designed to protect the ship's components and crews for multiple missions.

The titanium hull is studded with hatches where weapons, radio antennas, and electronic thrusters can emerge. Every device is designed to fit the aerodynamic frame of the craft while providing maximum coverage during flight.

As we walk through the ship, notice the lack of sharp corners and surfaces. Each section of the ship is built as a bubble-cube compartment with rounded corners. Bays of the ship are fit together and loaded into the hull of the ship. Hatches connect sections and levels together to create a multi-tiered environment that is protected within a hardened shell.

Each compartment has its own double latch gate power supply with a fluxed-capacitor bank. Double latch gates on each compartment can be used to provide air, water, and protein to the crew during a compartmented emergency. Large storage tanks in the ship carry a supply of resources for the event that the ship must be quarantined from double latch gate access to resources on base.

Each compartment contains plates on each surface of every module which are used to create gravitational fields within the ship. Electron-positive plates at the top and electron-negative plates at the bottom of compartments create a gravitation force during zero-g flight. The Starship America I is a fully functional workspace for working and serving in the Star Fleet via the United States Space Force.

### Modular Ship Designs

Build a Starship for any  
expedition!

Modular Starship Kits

Warships get gross and are hard to clean. Gundam Starships come apart and individual compartments are easy to clean and sanitize for the next mission.

### Reusable Design

Reuse Your Space  
Investments

Double Latch Gates

The entire ship deploys from mission control and returns in one piece. Gone are the days when 80% of a spacecraft is jettisoned into the Ocean after launch.

### Back To The Future

Fluxed Capacitors!

Silicone Reduces Explosive Hazards

Silicone Flux reduces explosive hazards associated with overcharging capacitors. If it takes 5 years to charge a capacitor to 500 taus, it takes 5 years to discharge 500 taus.

Gundam Starships are capable of operating with no launch footprint for petroleum fuels.

## Launching Starships With Maxwell's Force

### Reducing Ignition Launches Reduces Hazards Associated With Ignition and Fire

The Starship America I uses a magnetic launch system that propels the craft from Earth. The entire spacecraft is constructed to fit inside a launch tube.

As Starship America is prepared to launch, the launch tube fills with powerful UV light. The atmosphere within the launch tube reacts as a photoinitiator and the ship and column of air within the launch tube become a payload ready for launch.

Before the launch, the crews aboard the Starship America follow their training and fit themselves against the backs of their seats. Heads and backs press into their cushions to prevent whiplash. Men and women start tightening up their muscles and wall sitting in their seats. Sounds of astronauts yelling to take on the acceleration of launch are heard throughout the ship.

The crews aboard the Starship America feel a controlled increase in gravity. Maxwell's force is used to expel the column of air from the launch tube. The Starship America is launched from the tube by use of electric propulsion. The acceleration of the Starship is made survivable for human life by using long horizontal launch tubes.

The Starship America I is a complete package ready for space flight. All fuel and rockets are used during space flight. Modular components within the ship are designed for reuse. No waste footprint is attributed to the waste of any manufactured launch components.

Launching the Starship America into planetary orbit is easy with such a powerful horizontal launch platform. With a controlled launch rate, the ship drifts into a safe orbit around our planet while the launch tube is loaded with the next Starship on the launch schedule.

Traditional horizontal launch tubes exist for launching craft and payloads which are not sensitive to accelerated G forces. A word wide array of Spaceports carry travelers just like you anywhere in the universe.



(iii) General Curtis James Casbolt-Jackson of 155th Armored Brigade Combat Team (ABCT) AFRICOM currently commands the Starship Hybetis+ I for the US Space Force.



(iv) Gundam Welcomes 2nd Lieutenant Aaron Brooks (left), 2<sup>nd</sup> Lieutenant Katie Scheibner (center), and 2<sup>nd</sup> Lieutenant Jonathan Novak (right) to the United States Space Force. These graduates led 88 Air Force Academy graduates in ensuring Air Superiority during the 2021 Airlift evacuation of Afghanistan and Operation Pineapple Express.

Become A Starship Trooper

## We Want You!

Travel The Galaxy As A Space Force Officer

Gundam is looking for Dense, fast, and intelligent pilots for command and duty positions within the United States Space Force. If you have noticed that you were stronger, smarter, or more resistant to physical damage than others growing up, we are looking for you. We must present our best stock when we interface with other humanoid species.

Everyday people can do their best to defend Earth from extraterrestrial species by staying up to date with the latest Space Force News updates. We are always looking for industrial and community support from American citizens. Following our updates keeps humans up to speed on current interstellar discoveries and threats.

Make Peace, Not War

## Andromeda and Lyre

Our Two Best Friends

Humans living within the Galaxies of Andromedia and Lyre are waiting for Humans from Earth to begin interstellar trade. The Starships from these galaxies may be much larger than yours, but we are here to do our part just like them.

We are expected to secure our planet, portions of our own galaxy, and our trade routes with other planets. If you see something say something. Hidden obstacles are waiting around the next planet or asteroid.



(v) Andromedans and Lyrians only allow scheduled arrivals. Constant communication, acknowledgment, disclosure, respect, responsibility, honor, and faith, hygiene are critical to building an interstellar network of business, survival, and exploration.

Weapons Systems

## Gundam Maxwell Rifles

Straight From Cartoon Network



(vi) Record of Gundam weapon system design, development, and strategic use has been presented to citizens of Earth by the Gundam TV series. Correo Hofstad was featured as Heero Yuy with his instructor Lucrecia Nuones in the series Gundam Wing.

The Starship America I is fitted with Gundam-Northrup Sentinel Missiles with several non-nuclear payload options. The missiles are resupplied via double latch gates from base. These missiles are effective at destroying hostile forces, dangerous asteroids, and other dangerous obstacles.

Powerful lasers are positioned all over the hull of the Starship. These liquid-cooled lasers are remotely powered. The lasers melt asteroids and destroy distant threats.

The ship's fighter bays carry Mobile Suites and small fighter craft. Pilots aboard Space Force vessels are highly trained and ready for Security Forces duties. If you are a fan of Gundam cartoons, you might notice some familiar mobile suites on our Starship.

The Largest weapons aboard the Starship America I are its Gundam Maxwell cannons. Maxwell cannons use the same physical principles used to launch the Starship into orbit to launch a projectile. Imagine our launch sequence within a cannon, with a shell instead of a ship and crew.

A single 72-inch Maxwell cannon can be fitted along the centerline of the Starship. Gundam's modular hulls support cannons up to 36 inches in diameter. These cannons may seem like overkill, but Starship America I was designed to defend our species from hostile planets. The Starship America I is capable of destroying a planet.

Preventing Accidental Destruction

## Reducing The Chance Of Interstellar War

Safer Weapons

Computers, math, and advanced physics are used to calculate how much power is needed to destroy a target without endangering planets, stars, or objects behind the target. Proximity detonation and safety detonation have been used to prevent projectiles from flying dangerously into space. One day developers hope to boomerang projectiles into space in recoverable patterns by creating blade-like propeller-shaped projectiles which exit cannons in a rotation that slows the round and returns it to the weapon if it does not hit its target.



(vii) Space combat and survival is realistically portrayed by Sunrise in this scene from Gundam Iron-Blooded Orphans.



(viii) Wave Assisted Electronic Propulsion was developed in 2016 by Correo Hofstad.

Loud Motors Are More Fun

## Wave Assisted Electronic Propulsion

Accelerating Maxwell's Force

The Starship America I uses Wave Assisted Propulsion thrusters to accelerate in space. Gundam's Wave Assisted Propulsion developed in 2015 accelerates forces within electronic propulsion systems by creating rotational vortex patterns with sounds created within the thruster. Any charged particle traveling by Maxwell's force must carry a right-hand rotation. Creating a right-hand rotation pre-exhaust generates exponentially increased exhaust velocities.

The starship can use silent thrust for stealthy maneuvers, but when it's time to get going fast, the sound cannons are true to their Hypersonic nature. Forces generated by the Wave Assisted Propulsion thrusters are great for slowing down the Starship America I when approaching destinations.

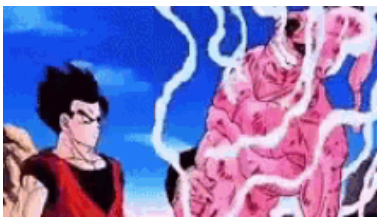


(ix) Saiya is a popular destination in the Lyran galaxy. Beware, the large sun blinds those who look to the sky during the daytime.

High-Ph Work Environments: Gundam pilots maintain a high-Ph virus-free lifestyle with [Niacin](#), [Zinc](#), [Creatine](#), [Colloidal Silver](#), [Turmeric](#), and [Nutmeg](#).

## Healthy Allies Help Conquer Our Enemies

### Preventing Interstellar Outbreaks With Alkaline Supplements



(x) Dragon Ball Z demonstrates how to Target the Oocl brain stem.

Allied planets are currently fighting a hostile extraterrestrial species known as the Oocl [Ew-Cool]. The Oocl come from the Orion galaxy. Keeping healthy while fighting the OOcl means staying Alkaline.

Allied planets do not allow phages and we have made treaties to keep our Vices clean of nuclear parasites including all sources of phage power or biological samples. Gundam's Starships arrive on new allied planets clean without bringing disease.

Gundam builds clean ships for clean crews. Personnel aboard the Starship America I have been isolated and fed turmeric, Ginger, and nutmeg-filled proteins and given Niacin, Zinc, Creatine, and Colloidal Silver for a mandatory 9-month fitness calculation. Gundam refuses services to nuclear-carrying species and our missions are scheduled to build clean passageways through deep space.

Gundam is the first choice for the United States Space Force Starships. The Starship America I was built as a tool for future missions. designed for strong soldiers who can lead future generations on great planets. Carrying disease to planets that expect our best could ruin successful populations and bring war back to our planet.

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“Oocl carry MRSA.”

- Correo Hofstad

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## Resources

# Citations

References, Quotes, and Images

- (iv) Pawlyk, Oriana. "Meet the New Lieutenants Joining US Space Force." *Military.com*, 5 May 2020, <https://www.military.com/daily-news/2020/05/02/meet-new-lieutenants-joining-us-space-force.html>.
- (vi) "Mobile Suit Gundam Wing." *Wikipedia*, Wikimedia Foundation, 2 Nov. 2022, [https://en.wikipedia.org/wiki/Mobile\\_Suit\\_Gundam\\_Wing](https://en.wikipedia.org/wiki/Mobile_Suit_Gundam_Wing).
- (viii) "Wave Assisted Electronic Propulsion Systems - Researchgate." *Wave Assisted Electronic Propulsion Systems*, Cory Hofstad, <https://www.researchgate.net/project/Wave-Assisted-Electronic-Propulsion-Systems>.
- (ix) Tillman, Nola Taylor. "How to Find 'Strange Life' on Alien Planets." *Space.com*, Space, 28 Aug. 2015, <https://www.space.com/30404-alien-life-search-super-earths.html>.