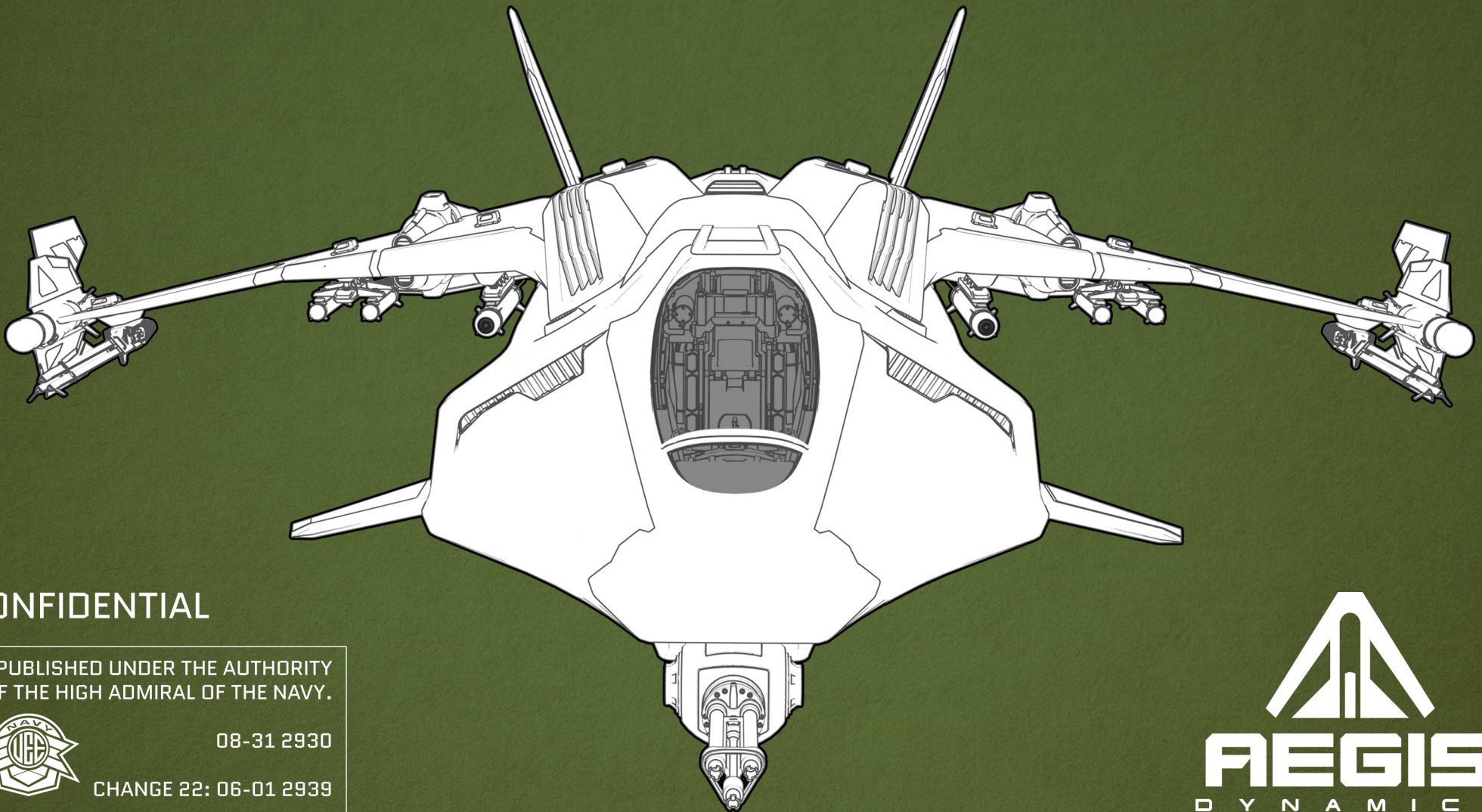


# FLIGHT MANUAL

UEEN SERIES **GLADIUS** P5G SPACECRAFT

## ⚠ WARNING ⚠

This manual contains unverified procedures. Refer to the validation/verification status page[s] prior to performing any operation or maintenance procedure.



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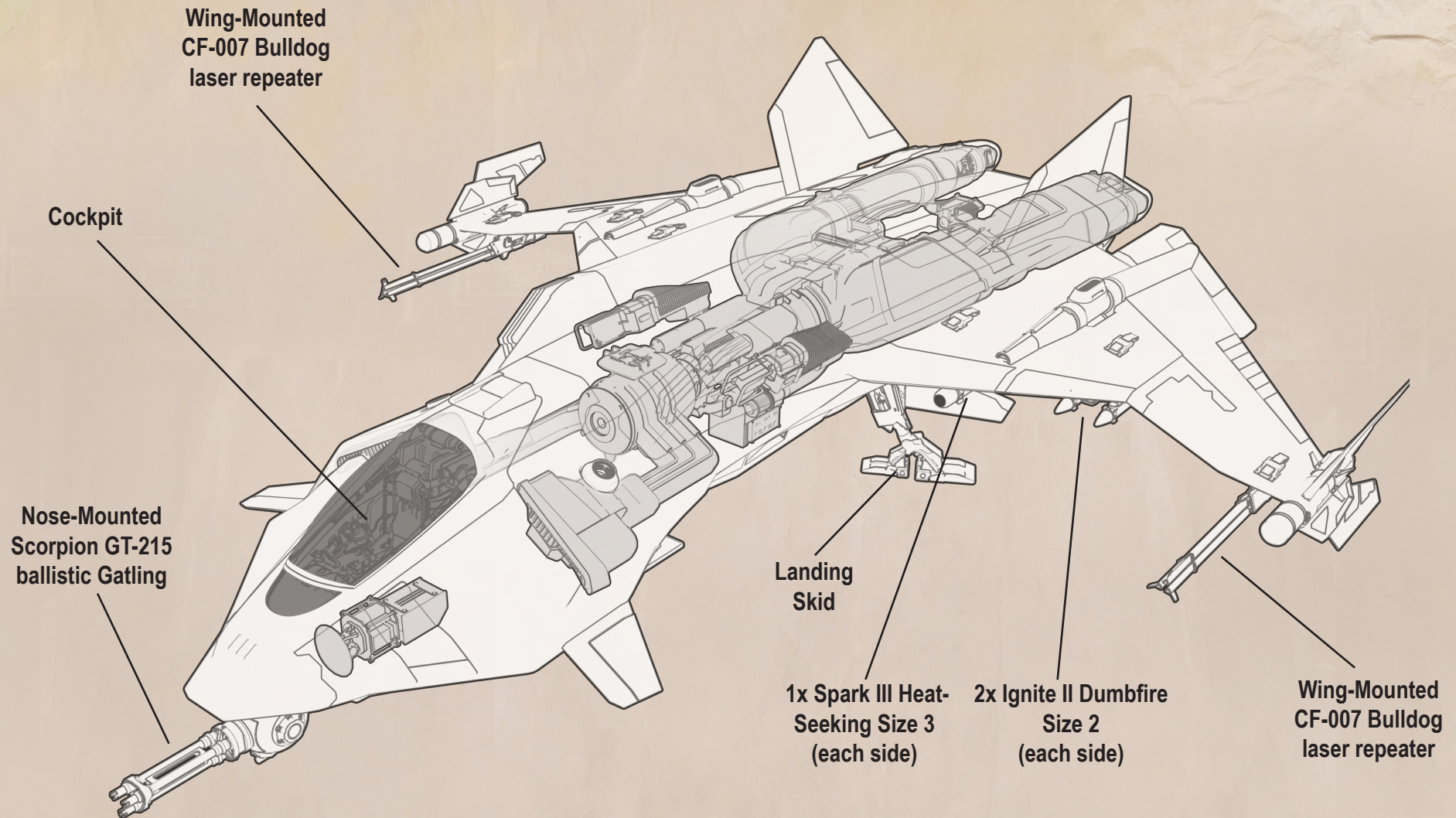


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**REGIS**  
D Y N A M I C S

# THE GLADIUS CRAFT

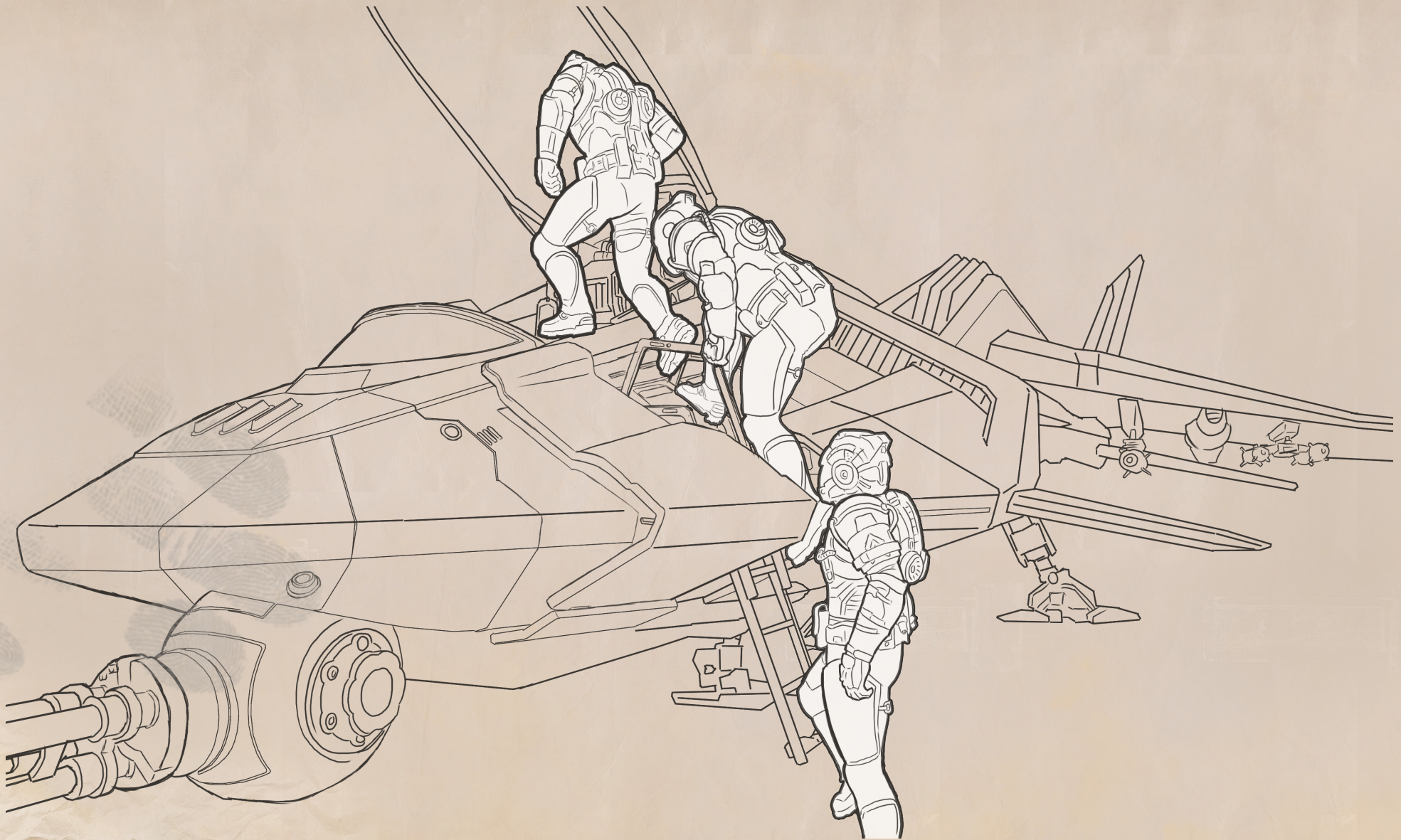


This manual provides operators with a general knowledge of the spacecraft, its characteristics and specific normal, abnormal and emergency operating procedures. Your flying experience is recognized: therefore,

basic flight principles are avoided unless providing spacecraft-specific tactical abilities. Instructions in this manual are for a crew inexperienced in the operation of this spacecraft. This manual provides the best pos-

sible operating instructions under most circumstances, but it is a poor substitute for sound judgment. Multiple emergencies, adverse cosmic, atmospheric, etc. may require modification of the procedures.

## ENTERING/EXITING THE CRAFT

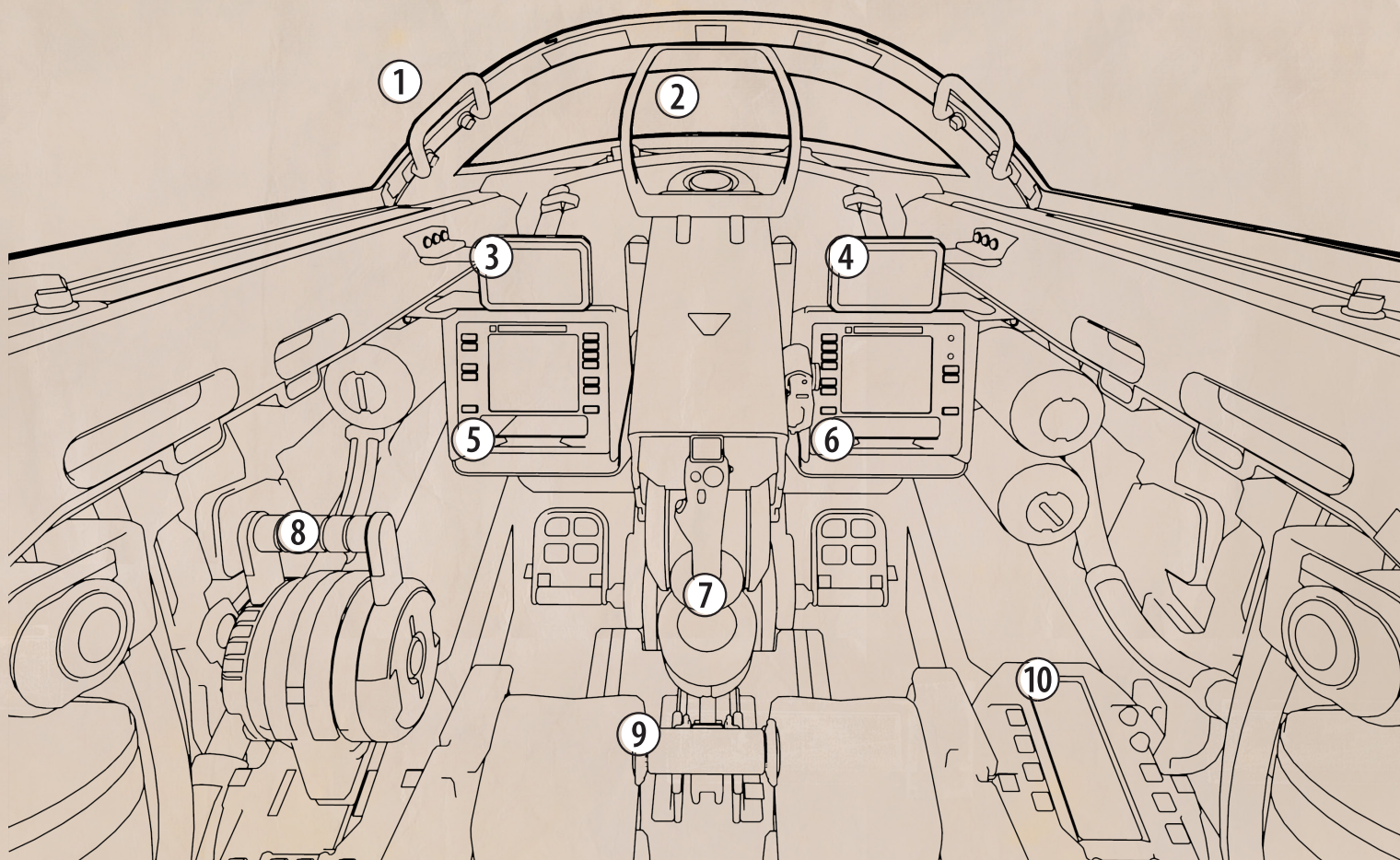


The cockpit enclosure is a quarter teardrop-shape built out of reinforced diamond laminate plating is rated to provide limited protection against cosmic and atmospheric elements. This canopy is designed to give you an unobstructed field of view to the sides, front and above. Operators enter the craft through the left side using a self-deploying ladder and handholds. You should be careful when entering/exiting the spacecraft to not accidentally activate craft functions.

**WARNING.** To prevent personal injury and/or ship damage, the craft should only be entered/exited using clearly indicated areas/handles/steps. Other areas may not be load-bearing and intensive pressure may damage internal components.

# BASIC FLIGHT OPERATIONS

- ① Canopy Handle
- ② HUD/Radar
- ③ Status Display
- ④ Performance Display
- ⑤ Own ship MFD
- ⑥ Targeting MFD
- ⑦ Flight Stick
- ⑧ Throttle Controls
- ⑨ Ejection Handle
- ⑩ Annunciator Panel



The instruments of the Gladius cockpit are shown above.

Instrument training in a single-seat fighter is paramount for any successful operator. Your instruments are your eyes and ears into the inner workings of your spacecraft, so an innate understanding of each and every gauge and readout will only increase your readiness and understanding of any

situation, whether in combat or out.

The pilot's seat is designed to protect the operator in general Standard shoulder-harness system will help combat biological strain during high-G maneuvering and comes with a preinstalled TR-8 ejection system should the spacecraft's operational functionality or hull integrity be mortally compromised.

**SPACECRAFT ESCAPE SYSTEMS.** These systems utilize ejection seats. Use of these systems will greatly increase the pilot's chance of safe escape from the spacecraft in time of emergency. Every pilot should be familiar with the system and have confidence in it. Although operation is simple, if you do not know the system well enough to operate it quickly and correctly, or if distrust of the automatic features causes you to manually override them, you may lessen your chances in an already dangerous situation.

# ENGAGING THE WEAPONS

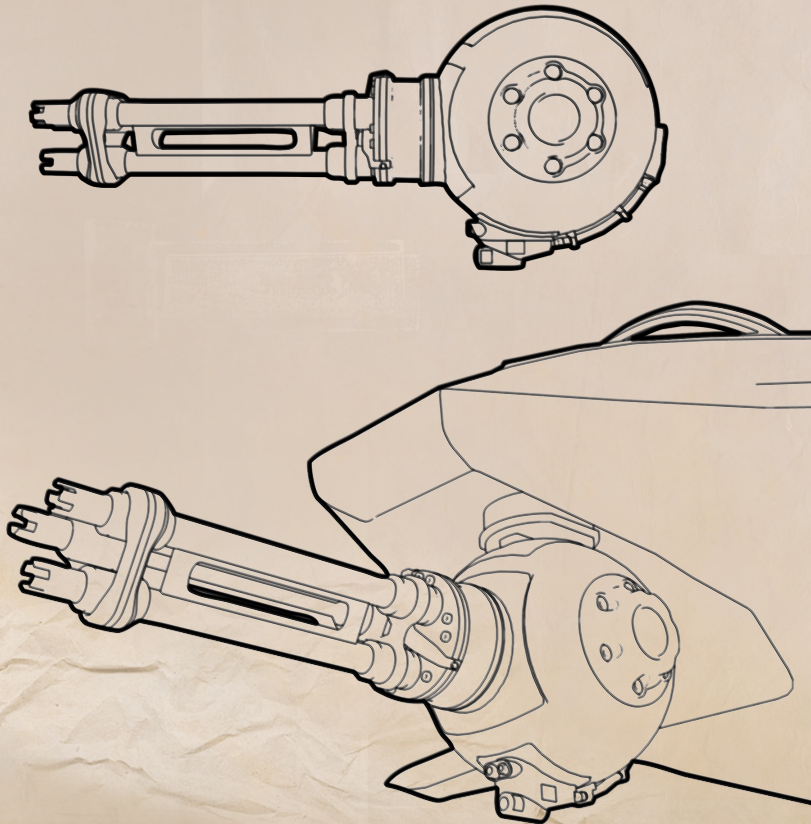
One of the primary functions of this spacecraft is its offensive capabilities. Although its ability to carry missiles increase its effectiveness against larger craft, the Gladius is a flying gun

platform. To maximize the craft's effectiveness in battle, you will need to not only master its abilities in flight, but in the efficient use of its guns.

**WEAPON FAMILIARITY.** Every weapon has its own unique strengths, weaknesses and durability. Being thoroughly familiar with your weapons and what to expect of them in combat can save your life.

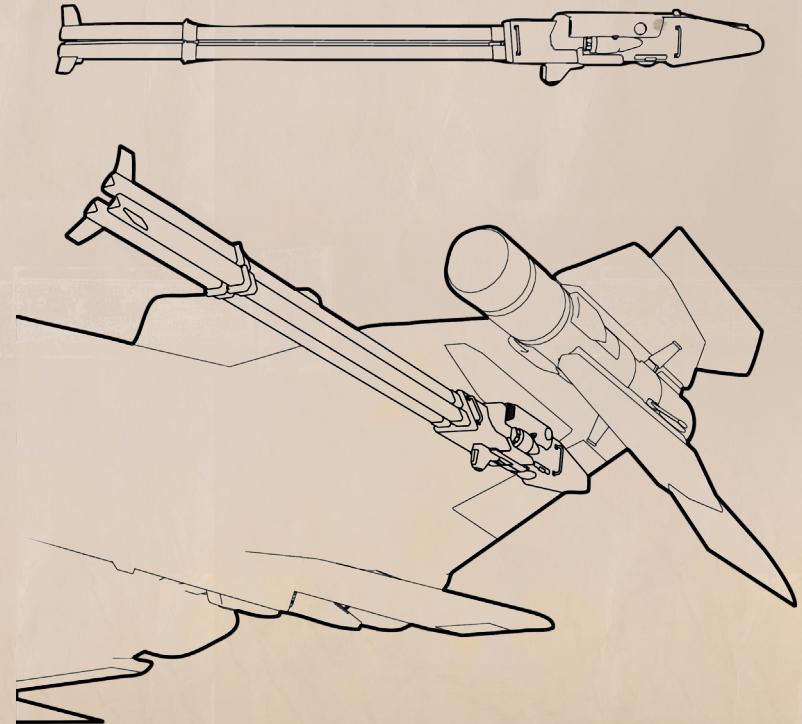
## SCORPION GT-215

Located on the nose of the spacecraft, the Scorpion GT-215 is a hydraulic-driven ballistic gatling weapon system, providing another high rate-of-fire weapon to the Gladius' arsenal.



## K&W CF-007 BULLDOG

A pair of CF-007 Bulldogs affixed to the wings are part of the Gladius' standard issue armaments. This energy-based repeater allows operators to saturate a target area with an increased rate of fire, even though the damage of the individual shot is lower.

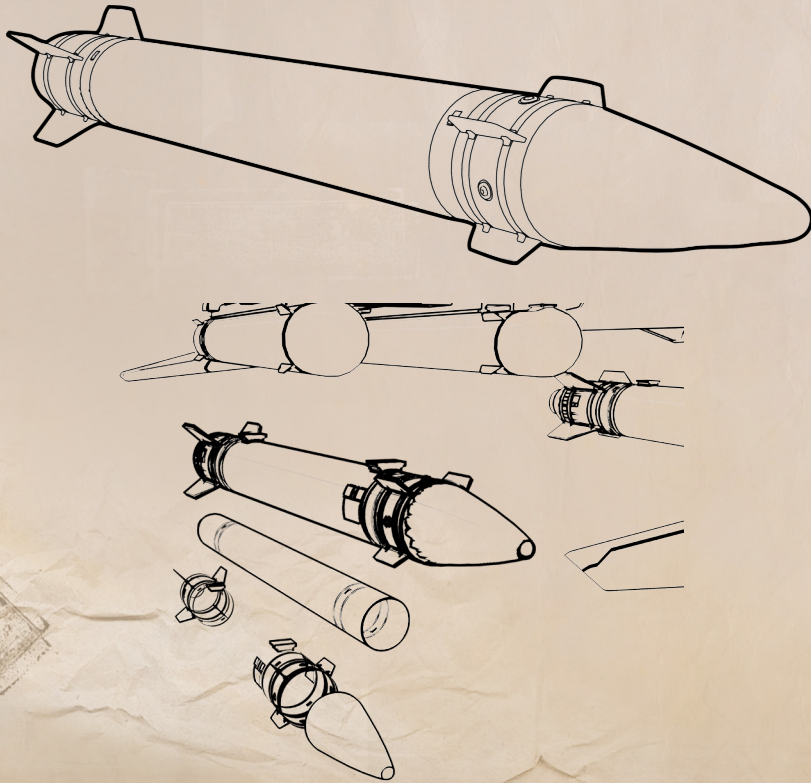


# MISSILE DELIVERY

One of the features that makes the Gladius a surprisingly versatile combat solution is its secondary ordnance. The missile racks under each wing are capable of carrying a pair of Size 2 missiles and a single Size 3 missile, those, combined with the Gladius' speed and maneuverability make it an unlikely but effective option for light bombing runs.

## ASIM-5/c IGNITE II (Dumbfire)

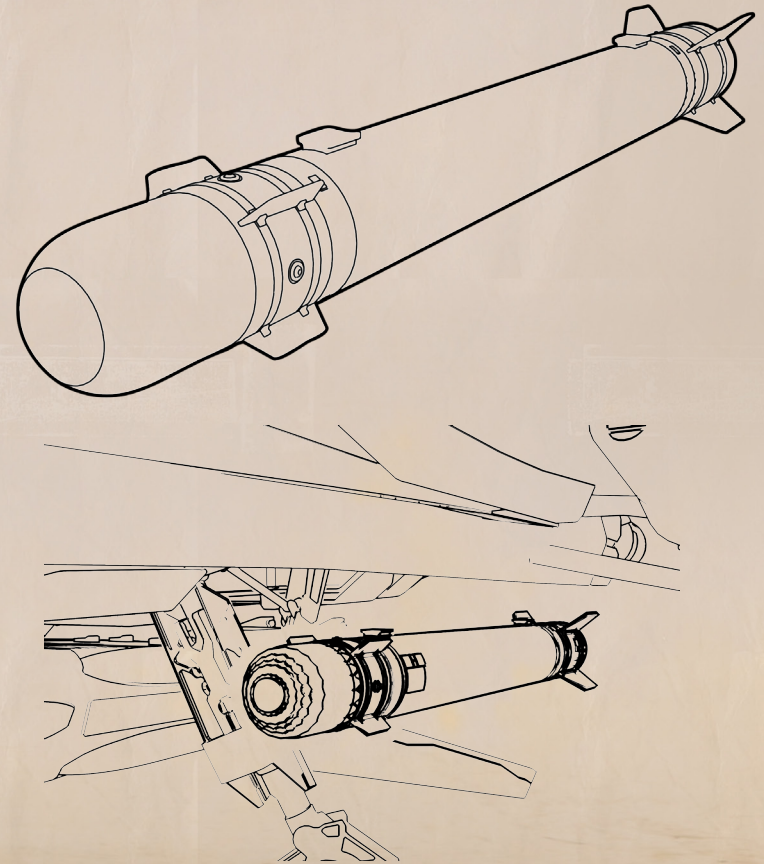
While the lack of tracking capabilities might deter most, the trained pilot understands that not only does the lack of sight mean that it cannot be tricked, but that the extra space can be used for an increased explosives payload.



**SCOPE.** This manual provides the pilot with a general knowledge of the craft, its characteristics, and specific normal, abnormal, and emergency operating procedures. Your flying experience is recognized; therefore, basic flight principles are avoided. Instructions in this manual are for a pilot inexperienced in the operation of this craft. This manual provides the best possible operating instructions under most circumstances, but it is a poor substitute for sound judgment. Multiple emergencies may require modification of the procedures.

## ASIM-09/c SPARK III (Heat-Seeking)

For situations with a more elusive target, the Spark III offers a guided alternative with a Heat-Seeking tracking system. Pilots should be aware that standard countermeasures can disrupt the missile's lock.



## DEFENSIVE SYSTEMS



Contact with the enemy means that your craft will be taking fire. Though the experience can be harrowing for new pilots, understand that the Gladius light fighter offers considerable defensive systems to protect the operator and keep the craft flying. Titanium nanocomposite polymer armor protects

the body of the craft while Gamma Titanium Aluminide plates have been strategically installed as reinforced protection for the pilot. In addition to structural protection, the Gladius utilizes a single-field shield generator from Ascension Astro to help fend off enemy fire.

## TAKING EVASIVE ACTIONS



The goal of any defensive strategy must be to regain the offensive as soon as possible. The Gladius offers a variety of tools to allow the operator to maintain their defensive posture and remain an elusive quarry until that transfer of initiative can be achieved and the pilot can regain battlefield superiority. Aside from the aforementioned defensive systems, the

Gladius' chief weapons are its speed, maneuverability and its countermeasure deployment system. Utilizing irregular and surprising turns with the Gladius' M1-16 maneuvering thrusters will help minimize concurrent enemy attack and strategic dispersal of flare and chaff countermeasures can distract incoming missiles long enough to break pursuit.

**AWARENESS.** Know your surroundings. Pursuit of a target can often create tunnel vision in the pilot. Stay aware of your environment and other hostiles while engaging with targets.

## ROLES



The Gladius was designed and built to engage the enemy. In the hands of a trained operator, opponents will quickly find that this 'light' fighter is more than capable of delivering heavy hits. Throughout its decorated career, Commanders have found the Gladius' versatility ideal for a variety of objectives from interception to reconnaissance and even blockade running.

**PREPARATION.** Battles aren't won through skill alone. Preparation can save your life. Make sure you communicate with your pit crew to stay apprised on your craft's current condition and test your craft's responsiveness before committing to the mission. The enemy won't hesitate.

## COORDINATED FLIGHT

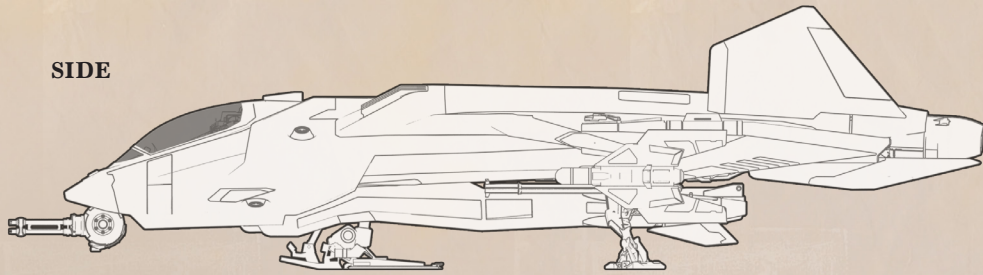


One Gladius is lethal. A group of them is devastating. When designing strategies with other members of your squadron, utilize the Gladius' speed and maneuverability to maximize the effectiveness of the attack. These formations should be tailored to suit any number of situations and variables.

Success in any deployment comes from understanding and adapting. Understanding comes from knowing the strengths and limitations of your craft and your fellow pilots. Adaptation comes from utilizing that understanding when the situation defies the expectation.

# THE GLADIUS CRAFT

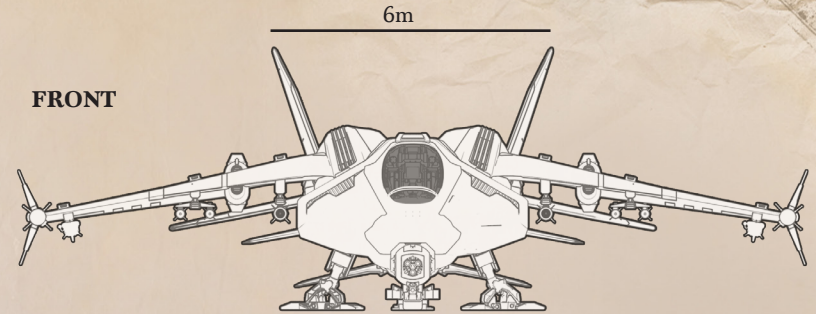
SIDE



5m

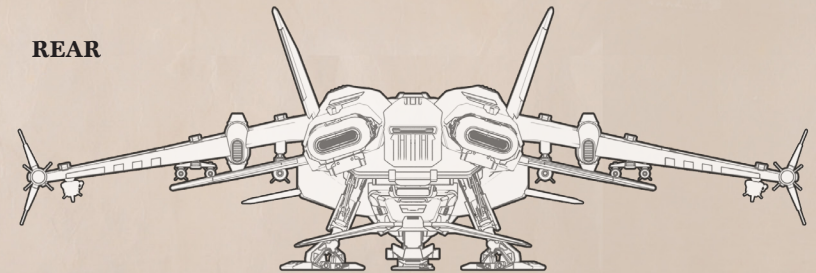
20m

FRONT



6m

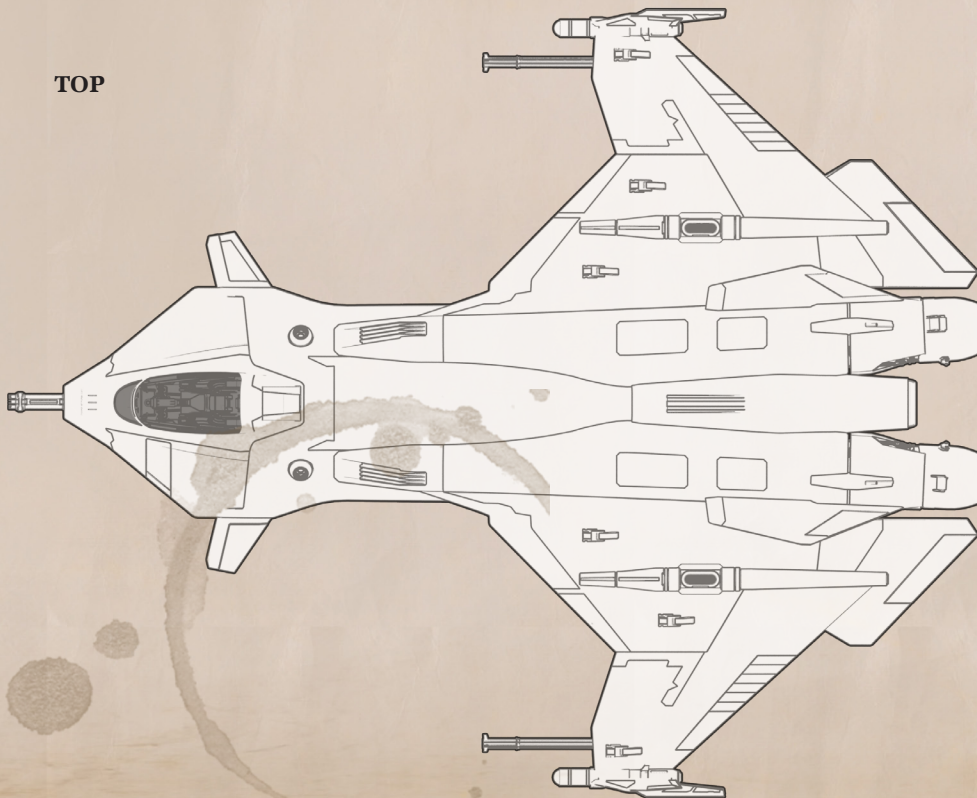
REAR



16m

4m

TOP



16m

**PERMISSIBLE OPERATIONS.** The Flight Manual takes a “positive approach” and normally states only what you can do. Unusual operations or configurations are prohibited unless specifically covered herein. Clearance from the using command must be obtained before any questionable operation, which is not specifically permitted in this manual, is attempted. Before granting the clearance, the using command may request coordination or engineering assistance/approval from High Command. Request should be made through the Flight Manual Manager.

# SPECIFICATIONS

## BASE SPECIFICATIONS

Role	Short-Range Patrol Fighter
Manufacturer	Aegis Dynamics
Max Crew	1
Mass (kg)	16,000
Cargo Capacity (freight units)	—

## DIMENSIONS

Vehicle Length (m)	20
Vehicle Beam (m)	16
Vehicle Height (m)	5

## POWER PLANT, ENGINES, THRUSTERS & SHIELD

Factory Power Plant	Aegis K-5b Starwalk (S1)
Max Power Plant	Size 2
Factory Engines	Hammer Propulsion HE 5.2
Max Engines (Primary Thrusters)	2x TR2
Manoeuvring Thrusters	Hydra Propulsion M1-16 (TR1)
Factory Shield	Ascension Astro Soloshield (S1)
Max Shield	Size 3

## ARMAMENTS

Class 1 Hardpoints (wings)	2x Size 1
Class 1 Equipment	2x Klaus and Werner CF-007 Bulldog Repeater (S1)
Class 2 Hardpoint (nose)	1x Size 1
Class 2 Equipment	1x Gallenson Tactical Systems Scorpion GT-215 Gatling (S1)
Class 3 Hardpoints (base of wings)	2x 4x Size 2 (configuration A) or 2x 2x Size 3 (configuration B) or 2x 2x Size 2 and 2x 1x Size 3 (configuration C)
Class 3 Launchers (C)	2x (2x Size 2) FireStorm Kinetics ASIM-5/c Ignite II 2x (1x Size 3) FireStorm Kinetics ASIM-09/c Spark III

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