

Galactic Horizon Frontiersman 7.7mm Repeating Rifle

The Galactic Horizon Frontiersman 7.7mm Repeating Rifle, more commonly referred to as simply the "7.7mm Frontiersman", is a tube-fed precision rifle designed by [Galactic Horizon](#) and released to the open market in [YE 42](#).

About the Galactic Horizon Frontiersman 7.7mm Repeating Rifle

The fixed-magazine design of the 7.7mm Frontiersman leaves it somewhat outclassed as a modern military-grade assault weapon, though the long barrel and option of manually cycling the action make it a great weapon for hunting and precision sharpshooting. The chamber is specially designed to accept Galactic Horizon's own family of 7.7mm rounds flawlessly without the user needing to fiddle with or adjust anything.

Nomenclature Information

Information pertaining to the manufacturer/s of this weapon, and what classifications it falls under.

- Designer: [Galactic Horizon](#)
- Manufacturer: [Galactic Horizon](#)
- Name: Galactic Horizon Frontiersman 7.7mm Repeating Rifle
- Nomenclature: GH-W2-3B
- Type: Chemical Projectile Propulsion
- Role: Precision Repeating Rifle
- Length: 40" or 101cm
- Weight: 3.75kg or 8.3 lbs

Appearance

The Galactic Horizon Frontiersman 7mm Repeating Rifle may have the appearance of rifles from a bygone era though handles just as smoothly as any precision-rifle you'd find on the market today, bolt-action, semi-automatic or otherwise – it features a dark brown wood stock with checkering along the handle and foregrip for increased friction against the hand, the wooden furnishings are sealed with a durable [Diacry Sealant Agent](#) coating carefully applied so that the checkering may still be felt.

The Majority of the weapon's metal components are made from anodized [Durandium Alloy](#) that maintains a silvery colour despite the process, the 19" barrel features polygonal rifling with a threaded end – meanwhile most of the internals such as the entire gas system, trigger assembly, as well as a few choice

components such as the lever grip, ejection port and loading gate are made from forged [Skusten](#) for better reliability and longevity of the weapon’s various systems.

Discharge Information

Information pertaining to what happens each time the weapon fires.

- Muzzle Flash: A cone of orange fire out the barrel’s end
- Retort: An explosive crack, which is followed by a supersonic boom for ammunition that breaks the sound barrier
- Effective Range: 65 Meters/71 Yards to 3,000 meters/3,280 yards depending on ammunition
- Rate of Fire: As fast as the user can squeeze the trigger in succession/cycle the action and squeeze the trigger in succession
- Recoil: Varies depending on the caliber being used.

Caliber	Recoil
Galactic Horizon 7.7x15mm	Light
Galactic Horizon 7.7x30mm	Moderate
Galactic Horizon 7.7x60mm Shotshell	Heavy
Galactic Horizon 7.7x60mm	Heavy

Ammunition

Information pertaining to what ammunition this weapon can safely fire.

- Ammunition: [Galactic Horizon 7.7x15mm](#)/[Galactic Horizon 7.7x30mm](#)/[Galactic Horizon 7.7x60mm](#)/[Galactic Horizon 7.7x60mm Shotshell](#)
- Purpose: Tier 1¹⁾ to Tier 3²⁾ depending on ammunition
- Round Capacity: 32³⁾/16⁴⁾/8⁵⁾ +1⁶⁾

Galactic Horizon 7.7mm Frontiersman Repeating Rifle Damage Quickchart	
Caliber	Purpose
Galactic Horizon 7.7x15mm	Tier 1, Light Anti-Personnel
Galactic Horizon 7.7x30mm	Tier 2, Medium Anti-Personnel
Galactic Horizon 7.7x60mm Shotshell	Tier 2, Medium Anti-Personnel
Galactic Horizon 7.7x60mm	Tier 3, Heavy Anti-Personnel

Weapon Mechanisms

Information pertaining to how the weapon functions.

- Firing Mechanism: The 7.7mm Frontiersman uses a hybrid system that has three methods of cycling spent casings out to replace them with a fresh cartridge from the magazine tube – a gas tube resides in the small gap between the barrel and the magazine tube is engaged/disengaged via

a button mounted beneath the barrel, when engaged the rifle functions as a semi-automatic weapon that uses gas from a round firing to cycle the action, when disengaged the wielder uses either the lever-style handle beneath the trigger or racks back a charging handle threaded onto the ejection port to cycle the weapon as a straight-pull bolt-action rifle. Despite how intricate this sounds it's a rather simple system, with the gas-system being as basic as possible and the straight-pull bolt-action piggybacking off how the weapon already ejects rounds through the top of the gun.

- **Loading:** Ammunition is loaded into the rifle via a loading gate situated on the bottom of the receiver, just ahead of the trigger.
- **Mode Selector:** A circular button just beneath the barrel.
- **Firing Modes:** When depressed, the gas tube opens up so that the weapon may siphon burning gasses away from the barrel to cycle the action, when not depressed, the gas tube is blocked off and the user must manually cycle the action.
- **Safety Mechanism:** The 7.7mm Frontiersman uses a cross bolt hammer safety, a small metal button near the rear of the receiver that engages the safety when pushed right, and disengages it when pressed to the left.
- **Weapon Sight:** Two tritium-lit rear sight posts are mounted just ahead of the ejection port, these are lined up with a similarly illuminated front prong at the end of the barrel.
- **Attachment Hard Points:** A mounting point on the left side of the rifle that can be used to attach a scope-mount as well as a small raised ring on either side of the ejection port for a handle to be threaded on – additionally a sling mounting-point is attached to both the front of the weapon and the rear in case the owner wishes to attach a sling.

Other

The 7.7mm Frontiersman uses a rather simplistic though unique system to deal with the difference in cartridge lengths between the rounds it is chambered in so as to not further complicate the gun and make it a nightmare to perform maintenance on, rounds are pushed from the magazine tube into the recoil plate at the rear of the chamber, where a small metal tab grips into the cartridge's extractor groove and pushes it into the barrel – making it so that the rear of each bullet is held in the same place regardless of length, this tab releases as the spent casing is kicked out the ejection port.

Pricing

The Galactic Horizon 7.7mm Frontiersman Repeating Rifle is available on the open market for anybody to purchase.

- Galactic Horizon 7.7mm Frontiersman Repeating Rifle: 500KS/1000RN

Optional Attachments

List of officially endorsed attachments sold by Galactic Horizon for this weapon.

- Suppressor⁷⁾: 75ks/150rn
- Scope Mount: 20ks/40rn

- 3-10x Scope: 150ks/300rn
- [Multispectral Marksman Scope](#): 300ks/600rn
- [Zen Kendo 4-34x56mm “Arbalest” Scope](#) 150ks/300da
- Coachman’s Grip⁸⁾: 15ks/30rn
- Precision Grip⁹⁾: 15ks/30rn
- Charging handle¹⁰⁾: 5ks/10rn

Ammunition

Pricing for the ammunition this weapon is chambered for.

Galactic Horizon 7.7mm Ammunition Price Quickchart	
Type	Price (100 Round Box)
Galactic Horizon 7.7x15mm	40ks/80rn
Galactic Horizon 7.7x30mm	40ks/80rn
Galactic Horizon 7.7x30mm Subsonic	50ks/100rn
Galactic Horizon 7.7x60mm Shotshell	75ks/150rn
Galactic Horzion 7.7x60mm	90ks/180rn

OOC Notes

[SirSkully](#) created this article on 2020/01/15 17:17.

- [Approval Thread](#)

¹⁾
Light Anti-Personnel

²⁾
Heavy Anti-Personnel

³⁾
7.7x15mm Ammunition

⁴⁾
7.7x30mm Ammunition

⁵⁾
7.7x60mm Ammunition

⁶⁾
in the chamber

⁷⁾
Wrapped with a removable rock-based mineral fiber shroud

⁸⁾
replacement lever grip with a flared handguard to make cycling the rifle one-handed easier

⁹⁾
replacement lever grip that abandons the traditional handguard in favour of just a ring mounted beneath the trigger guard, this means only one finger is required to cycle the lever-action

¹⁰⁾
threads onto the side of the ejection port, used for manually cycling

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