

# 'Pioneer' Standard Rifle

Designer: United Manufacturing Cooperative Manufacturer: United Manufacturing Cooperative  
**(Suggested) Price:** 250 HS

**Individual Component Costs:** Primary Barrel Assembly: 50 HS Firing Assembly: 100 HS Frame Assembly: 50 HS Butt-stock Options: 50 HS

## Nomenclature Information


Name: 'Pioneer' Standard Rifle Type: Chemical Propellant Rifle **Model:** UMC-SA-R-C-01-30<sup>1)</sup> Role: Hunting and defense Length: 25 Inches, without barrel extension or optional butt-stock. Mass: 5lbs

## Discharge Information


**Ammo Type:** 7.62mm / .308 Lorath solid munitions

**Firing Mechanism:** The Pioneer rifle utilizes a bolt action along with a manual or magazine feed. When the bolt is pulled back, a round is fed from the magazine into the chamber, or a round is inserted through the breach. When the bolt is slid forward the chamber is sealed and the internal hammer mechanism is readied. When the trigger is pulled, the hammer strikes the firing pin of the bullet. This results in the firing pin igniting the bullet's charge, thus causing a gas expansion reaction which propels the bullet down barrel.

Caliber: 7.62mm / .308



Ranges listed are applicable in 1g of gravity



Ranges listed are applicable to conventional powder propellant

- **Following List Indicates Values Without Barrel Extension**

Effective Range 270 Meters Maximum Range: 300 Meters **Minimum Range:** 0.

- **Following List Indicates Values With Barrel Extension**

Effective Range 650 Meters Maximum Range: 820 Meters **Minimum Range:** 0.

Muzzle Velocity: 2,510 ft/s

Muzzle Blast: Without barrel extension, the muzzle flash produces a fist-sized flash in front of the barrel, along with a mid-volume sound. With a barrel extension, the flash in front of the barrel is about one inch

in width, however, the sound is far more sharp and pronounced.

### **Firing Mode(s):** Bolt-Action

Recoil: Light to moderate when utilizing conventional powder charge ammunition.

Rate of Fire: 25 Aimed Rounds A Minute

**Damage Rating:** Tier 2, Medium Anti-Personnel while utilizing conventional ammunition

## **Ammo Description**

Name: [7.62mm / .308 Lorath solid munitions](#) **Visual Description:** Ammunition is fed from an external box magazine, each round has a brass casing. Bullet appearances vary. **Ammo:** Standard issue magazine contains ten rounds, after market magazines may vary. **Damage Description:** When using standard munitions Tier 2, Medium Anti-Personnel penetration damage, potential fragmentation damage.

## **Weapon Mechanisms**

**Safety:** Yes, a switch located in front of the trigger. **Fire mode selector:** No **Weapon Sight:** Yes, iron sights, and after-market optics mounts. **Attachment Hard points:** Yes, topside optics mounts, threaded barrel.

## **Optional Components**

### **Optional Butt-Stock**

Many optional butt-stocks are available. Ranging from wood, to plastic, to even simple wire. The standard butt-stock which comes with the rifle is a selective-size metal stock which utilizes metallic tubes along with a rear cast-metal container which serves as a butt-plate and ammunition storage.

### **Barrel Extension**

The forward portion of the rifle includes the proper components which allow for a barrel and additional frame portion to be added to the rifle. The barrel is threaded, and the wooden frame includes a mounting bracket which permits a frame extension.

### Optional Optical Sight

After-market optical sights can be attached to the rifle, however, the rifle comes with a x4 magnification optical sight standard.

### Maintenance Kit

A simple maintenance kit is included with the rifle which consists of a multi-tool device which is capable of interacting with all screws and bolts which hold the weapon together, and is capable of functioning as a wrench to attach barrel extensions or other optional components. Along with the multi-tool, a cleaning kit is included which consists of oil, a collapse-able brush, and exterior polish. The overall package comes in a canvas-clad metal container with belt attachment capability, and a carry strap.

## Maintenance Information

**Field Maintenance Procedure:** After firing, it is suggested that the barrel be cleaned and firing components are oiled after every ten usages. The weapon can be stripped down to allow for the cleaning of internal components. **Replaceable Parts and components:** All parts are replacable, and can be removed or installed through the use of the included tools, or common-place screwdrivers, and small wrenches/sockets.

## Visual Description



Products & Items Database	
Product Categories	weapons: rifles
Product Name	Pioneer Standard Rifle
Nomenclature	UMC-SA-R-C-01-30
Manufacturer	<a href="#">United Manufacturing Cooperative</a>
Price (KS)	250.00 KS
DR v3 max	Tier 2

<sup>1)</sup>  
United Manufacturing Cooperative - Solid Ammunition - Rifle - Civilian - Model 01 - Year 30

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