PRODUCT REVIEW AND INTRODUCTION DOCUMENT

RIFLES

SYSTEM DEFENCE

MFR56

MFR56, designed by SYSTEM DEFENCE, is produced in System Defense factories in Turkey.

The MFR56 (MULTIFACTIONAL RIFLE) 5.56x45mm Caliber is a multifunctional machine gun. It can be produced as 2 different systems as OPEN BOLT and CLOSED BOLT due to the preferences of country-based law enforcement agencies.

Manufactured by SYSTEM DEFENCE, the MFR56 is especially designed for local operations. In areas and campuses that restrict the movement and maneuvering capabilities of security units, the MFR56 transforms the disadvantages of the field into an advantage for its user with its dimensions, weight and functions.

MFR56 Design and development processes have been completely completed with the tests and feedback of **SPECIAL FORCES field units,** and it has been made ready for use with realistic operation simulations.

The MFR56 is designed as a dual feed. There are 4 different patents belonging to SYSTEM DEFENCE in the upper feeding system.

DUAL FEED MACHINE GUN

MFR56 DUAL FEED MACHINE GUN

The MFR56 weighs just 4250g, almost half the weight of its equivalents. With its Dual Feed design, it allows security units to be used both with a magazine and with link.

The MFR56, which exceeds its equivalents with its dimensions and weight, provides longevity, durability and confidence to its users with its **QUICK CHANGE BARREL and HAMMERED BARREL** features.

The capabilities and features of the MFR56 give it a wide range of uses such as **ARMY UNITS, NAVY AND SPECIAL FORCES, and POLICE ORGANIZATIONS.**

5.56x45 mm **NATO**

CLOSED BOLT / OPEN BOLT OPTIONAL

HIGHLIGHTS
MFR56

ADJUSTABLE GAS OPERATED

QUICK CHANCE BARREL

BELT FEED UPPER

MIL SPEC RAIL

6 AXIS STOCK

HAMMERED BARREL

MAGAZINE FEED

TECHNICAL DETAILS

MFR56 DUAL FEED MACHINE GUN

CALIBER	5.56x45 mm NATO
BARREL LENGHT/quick change	16.20''(412 mm)
RIFLING	1/7''(177,8 mm)
METHOD OF OPERATION	Gas Operated Reloading
MUZZLE VELOCITY	850 m/s
TRIGGER PULL	15-30 Newton
FEED	Dual Feed (Magazine+Belt)
MAGAZINE TYPE	Polymer magazine All AR15/M16 Mag.(4179 STANAG)
MAGAZINE CAPACITY	30
GRIP TYPE	Polymer
BELT TYPE	M27 Belt
CYCLIC RATE OF FIRE	900-1100 cycle/minute
BURST-FIRE MODE	Semi/Automatic
STOCK	6 axis adjustable stock 90 mm
CARRIAGE TYPE	MIL-STD 1913 Picatinny Ray
LENGHT	Close Stock 775 mm - Open Stock 860 mm
WIDTH	3,05''(77,6 mm)
HEIGHT	9,56''(243 mm)
ACCURATE RANGE	550 m
MAKSIMUM RANGE	3500 m
WEIGHT Unloaded	4250 g (9,35 lbs)
ACCURACY	3 MOA
BUFFER TYPE	MIL-Spec H2 Buffer
FRAME	AL 7075-T6
SAFETY	3 position safety latch

The MFR56 also delivers strength, reliability and longer weapon life with its quality, all materials and precision construction on CNC machinery. The high tensile strength alloys used to manufacture the MFR56 features a MIL-A-8625 Type III, Class 2 hard coat anodized, non-reflective black finish that resists wear and corrosion and enhances durability.

TUFFTRIDE® / QPQ® PROCESS COATING

Equivalent Comparison

MFR56

	MFR56	PKM	PKP Pecheneg	FN M240B
CALIBER	7.62x51mm NATO 5.56x45mm NATO	7.62x54 mmR	7.62x54 mmR	7.62x51 mm NATO
METHOD OF OPERATION	Gas Operated Reloading	Gas Operated Reloading	Gas Operated Reloading	Gas Operated Reloading
FEED	Belt and Magazine	Belt	Belt	Belt
QUICK CHANGE BARREL (QCB)	YES	YES	NO	YES
BARREL LENGHT	412mm (16,20 inch)	605 mm (23,8 inch)	658 mm (25,9 inch)	545 mm (21.4 inch)
TOTAL LENGTH	775 mm	1160 mm	1155 mm	1232 mm
WEIGHT	4,2 Kg	7,5 Kg	12,3 Kg	12,5 Kg
CYCLIC RATE OF FIRE	700-950rpm	650 rpm	650-850 rpm	650-950 rpm
MUZZLE VELOCITY	850 m/s	825 m/s	820 m/s	853 m/s

SYSTEM DEFENCE

UPPER WITH BARREL

AR-15

belt-fed upper receiver assembly is designed to interchange with standard AR/M4

DUAL FEED 5.56X45 NATO

KEY FEATURES

Drop-On (MIL-Spec) Upper Receiver Assembly that upgrades your AR15/M16/ M4 type lower receivers or rifles

5.56 x 45mm NATO

16.25” Quick-Change Barrel

1:7” RHT, ½”-28 TPI

Short-Stroke Gas Piston Operation

Dual Feed – Accepts ALL AR15/M16 Magazines & M27 Linked Ammunition

Feed Cover and Charging Handle

Precision Machined Billet Steel Feed Tray

Finish – Manganese Phosphate & Type III, Class 2 Hardcoat anodize - Black for Maximum Corrosion and Wear Resistance

Dry Film Lubricant Applied to Critical High-Friction Surfaces

Full-Auto Bolt Carrier

Handguard Style – MIL-STD 1913 Rail

Adjustable Sight Set

Quick-Change Barrel Handle

Upper receiver system can be user-configured in seconds without tools to adapt to virtually any mission profile

The first generation of SYSTEM R-56® is streamlined, providing a multitude of MIL-SPEC configurations to meet and exceed agency needs. Specifically developed with law enforcement officers' needs in mind, offer compact builds and shorter barrel lengths that enable faster target engagement and maneuverability in close-quarters scenarios. The longer barrel lengths provide extreme precision in daily patrol or longer range combat. Chambered in the battle-proven 5.56x45mm, these carbines offer high capacity and accuracy in every mission.

HIGH CAPACITY AND ACCURACY IN EVERY MISSION

R56

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TECHNICAL DETAILS

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MAGAZINE CAPACITY	30
GRIP TYPE	Polimer K
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BURST-FIRE MODE	Semi/Automatic
STOCK	6 axis adjustable stock 90 mm
CARRIAGE TYPE	MIL-STD 1913 Picatinny Ray
LENGHT	Close Stock 775 mm - Open Stock 860 mm
WIDTH	3,05'' (77,6 mm)
HEIGHT	9,56'' (243 mm)
ACCURATE RANGE	550 m
MAKSIMUM RANGE	3500 m
WEIGHT	Unloaded 3600 g (7,93 lbs)
ACCURACY	3 MOA
BUFFER TYPE	MIL-Spec H2 Buffer
FRAME	AL 7075-T6
SAFETY	3 position safety latch