

**5.56 mm AR 110C  
SEMI AUTO RIFLE**

OPERATOR'S MANUAL



# 5.56 mm AR110C SEMI AUTO RIFLE

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## OPERATOR'S MANUAL

## ORGANIZATIONAL MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND BASIC ISSUE ITEMS LIST



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FOREWORD

This manual is made for the information and guidance of personnel whose duties involve the use and maintenance of the 5.56mm AR110C and furthermore to enable him to use it with maximum efficiency.



Fig. 1 AR110C RIFLE (Butt Extended)

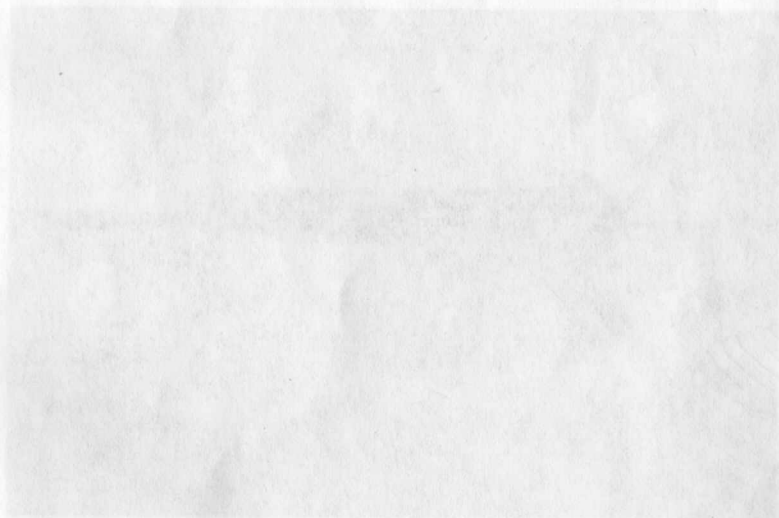


Fig. 2 AR110C RIFLE (Butt Retracted)

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Fig. 1 AR110C RIFLE (Butt Extended)



Fig. 2 AR110C RIFLE (Butt Retracted)

## ■ INTRODUCTION

The AR110C 5.56mm rifle is light weight, aircooled, gas pipe operated, magazine fed, easily handled and capable of semi-auto fire with extreme accuracy over the effective range.

## ■ SPECIFICATIONS

### A. Rifle

1) Calibre	5.56 × 45 mm
2) Weights	
— rifle without magazine and sling	2.95 kg
— empty magazine (30 rds)	0.11 kg
— loaded magazine (30 rds)	0.45 kg
3) Length	
— Overall length (Fig 1)	953mm (37.5")
— with butt retracted (Fig 2)	760mm (29.9")
— barrel welded suppressor	432mm (17.0")
— sight radius	403mm (15.9")
4) Barrel rifling	
— number of grooves	6
— twist of rifling	right hand
— pitch of rifling	185mm (7.3")
5) Rate of fire	
— semi-automatic	45—65 rds/min
6) Effective range	250m
7) Maximum range	2453m
8) Muzzle velocity	820m/sec

### B. Ammunition

1) Calibre	5.56 × 45mm
2) Type	.223 REM

## ■ CHARACTERISTICS

- Sliding wire stock
- The forged aluminium alloy Receiver is solid, durable and guarantees longer lifetime.
- Bolt, bolt carrier, firing pin, and recoil spring in one assembly easy to strip without any tool.
- Rotating bolt locking system.
- Gas operated system with gas pipe.
- Selector lever with 2 positions (Fig. 3)
  - SAFE : safety
  - SEMI : single shot

