

7. Aim at the target.
8. Put the safety mechanism in the "F" position and fire. See page 9.
9. If the rifle still does not fire, repeat steps 1 through 8 several more times.
10. If the rifle still does not fire, the charge must be removed manually. See REMOVING A CHARGE on pages 18 and 19.

Suggested Loading Data

This data was compiled from testing done by Remington® Arms using both .50 and .54 caliber Remington projectiles in the Model 700™ ML rifle. The Model 700 ML barrels are rifled with 1:16.38" twist in both .50 and .54 caliber. All testing was done with 2F or FFg Black powder.

WARNING: NEVER EXCEED THE MAXIMUM CHARGE WEIGHT LISTED FOR THE PROJECTILE YOU ARE USING. NEVER SUBSTITUTE ANY QUANTITY OF ALTERNATE POWDER TYPES OR GRANULATION. Failing to adhere to these maximum charge weights or substituting any powder type or granulation could result in serious personal injury or death to the shooter or bystanders and damage to the firearm.

The charge weights listed are the nominal range and maximum charge weights for the given projectile.

The nominal suggested range of charge weight produces the best combination of accuracy and velocity. It is done by starting at the lower charge weight listed in the nominal range and increasing in 5 grain increments until an optimum load is achieved. An optimum load is one which produces the best accuracy.

WARNING: Do not exceed max. charge weight. To do so may result in serious personal injury or death to the shooter or bystanders and damage to the firearm.

Projectile	Grain Weight	Black Powder Charge (Grains)	Muzzle Velocity (Feet Per Second)	Muzzle Energy (Foot Pounds)
.50 CALIBER SABOTED PROJECTILES				
Cors-Lok® JHP	275	90 grs. FFg	1450 f.p.s.	1284 ft.-lbs.
		100 grs. ITg	1505 f.p.s.	1383 ft.-lbs.
		110 grs. FFg	1565 f.p.s.	1495 ft.-lbs.
		120 grs. FFg Max.	1610 f.p.s.	1583 ft.-lbs.
Premier® Copper Solid	280	80 grs. FFg	1450 f.p.s.	1384 ft.-lbs.
		100 grs. FFg	1515 f.p.s.	1471 ft.-lbs.
		110 grs. Hfg	1563 f.p.s.	1566 ft.-lbs.
		120 grs. ITg Max.	1635 f.p.s.	1656 ft.-lbs.
Copper-Lok® JHP	300	90 grs. FFg	1397 f.p.s.	1313 ft.-lbs.
		100 grs. Hfg	1480 f.p.s.	1474 ft.-lbs.
		110 grs. FFg	1515 f.p.s.	1544 ft.-lbs.
		120 grs. FFg Max.	1570 f.p.s.	1658 ft.-lbs.
.50 CALIBER LEAD LUBED CONICALS				
Gamemas® TM Flat Base Hollow Point	365	90 grs. FFg	1350 f.p.s.	1477 ft.-lbs.
		100 grs. ITg	1405 f.p.s.	1600 ft.-lbs.
		110 grs. Hfg	1470 f.p.s.	1751 ft.-lbs.
		120 grs. FFg Max.	1525 f.p.s.	1885 ft.-lbs.
Gamemas® TM Flat Base Solid Point	385	90 grs. ITg	1315 f.p.s.	1479 ft.-lbs.
		100 grs. FFg	1370 f.p.s.	1605 ft.-lbs.
		110 grs. FFg	1435 f.p.s.	1700 ft.-lbs.
		120 grs. ITg Max.	1470 f.p.s.	1847 ft.-lbs.
.50 CALIBER ROUND BALL				
Premier® Golden® Lead .490" Dia. Ball	179	80 grs. Hfg	1650 f.p.s.	1682 ft.-lbs.
		90 grs. ITg	1750 f.p.s.	1197 ft.-lbs.
		100 grs. FFg	1840 f.p.s.	1346 ft.-lbs.
		110 grs. FFg Max.	2050 f.p.s.	1670 ft.-lbs.