

Freedom Arms Inc. Revolver Specifications

PO Box 150, Freedom Wyoming, 83120 307.883.2461

8/1/2007

Model 97& 83 Flutes remove .5 oz

Model 97 & 83 Oct. Barrel adds .15 oz: Model 83 P/G Grips & Micarta grips= 3.2 ozs

Fixed sight Models are 1.0 oz. lighter than Models listed below

Pachmayr = 6.49 ozs

Silhouette sight package = 1.68 ozs

TSOB Scope Mount = .290 lbs. or 4.64 ozs

Level Mount Scope Mount= .275 lbs. or 4.4 ozs Lepould Scope Mount .5 lbs or 8 ozs

| Model | Caliber | Type | Sight | Sight Hgt. | BRL. | Twist | Intended Bullet Dia. | O.A.L | O.A.H. | Sight Radius | Cartridge Capacity | Weight Oz. | Weight Grams | Weight Pounds |
|-------|-----------------|------|-------|------------|-------|-------|----------------------|---------|--------|--------------|--------------------|------------|--------------|---------------|
| 97 | .17HMR | P/G | A/S | 0.280 | 5.5" | 1-9" | 0.172 | 10.75" | 5.375" | 6.75" | 6 | 44.8 | 1270.04 | 2.80 |
| 97 | .17HMR | P/G | A/S | 0.280 | 7.5" | 1-9" | 0.172 | 12.75" | 5.375" | 8.75" | 6 | 47.84 | 1356.22 | 2.99 |
| 97 | .17HMR | P/G | A/S | 0.280 | 10" | 1-9" | 0.172 | 15.125" | 5.375" | 11.25" | 6 | 51.84 | 1469.61 | 3.24 |
| 97 | .22 L.R | P/G | A/S | 0.280 | 4.25" | 1-14" | 0.222 | 9.5" | 5.375" | 5.625" | 6 | 42.24 | 1197.46 | 2.64 |
| 97 | .22 L.R | P/G | A/S | 0.330 | 5.5" | 1-14" | 0.222 | 10.75" | 5.375" | 6.75" | 6 | 44 | 1247.36 | 2.75 |
| 97 | .22 L.R | P/G | A/S | 0.280 | 7.5" | 1-14" | 0.222 | 12.75" | 5.375" | 8.75" | 6 | 47.2 | 1338.07 | 2.95 |
| 97 | .22 L.R | P/G | A/S | 0.280 | 10" | 1-14" | 0.222 | 15.125" | 5.375" | 11.25" | 6 | 51.04 | 1446.93 | 3.19 |
| 97 | .32 H&R MAG. | P/G | A/S | 0.330 | 4.25" | 1-10" | 0.312 | 9.5" | 5.375" | 5.625" | 6 | 40 | 1133.96 | 2.50 |
| 97 | .32 H&R MAG. | P/G | A/S | 0.330 | 5.5" | 1-10" | 0.312 | 10.75" | 5.375" | 6.75" | 6 | 41.44 | 1174.78 | 2.59 |
| 97 | .32 H&R MAG. | P/G | A/S | 0.330 | 7.5" | 1-10" | 0.312 | 12.75" | 5.375" | 8.75" | 6 | 44.32 | 1256.43 | 2.77 |
| 97 | .32 H&R MAG. | P/G | A/S | 0.330 | 10" | 1-10" | 0.312 | 15.125" | 5.375" | 11.25" | 6 | 47.68 | 1351.68 | 2.98 |
| 97 | .32 H&R MAG. | P/G | F/S | na | 4.25" | 1-10" | 0.312 | 9.5" | 5.375" | 5.625" | 6 | 38.4 | 1088.60 | 2.40 |
| 97 | .32 H&R MAG. | P/G | F/S | na | 5.5" | 1-10" | 0.312 | 10.75" | 5.375" | 6.75" | 6 | 40.32 | 1143.03 | 2.52 |
| 97 | .32 H&R MAG. | P/G | F/S | na | 7.5" | 1-10" | 0.312 | 12.75" | 5.375" | 8.75" | 6 | 42.88 | 1215.61 | 2.68 |
| 97 | .357 MAG. | P/G | A/S | 0.380 | 4.25" | 1-14" | 0.357 | 9.5" | 5.375" | 5.625" | 6 | 38.4 | 1088.60 | 2.40 |
| 97 | .357 MAG. | P/G | A/S | 0.330 | 5.5" | 1-14" | 0.357 | 10.75" | 5.375" | 6.75" | 6 | 39.68 | 1124.89 | 2.48 |
| 97 | .357 MAG. | P/G | A/S | 0.280 | 7.5" | 1-14" | 0.357 | 12.75" | 5.375" | 8.75" | 6 | 42.4 | 1202.00 | 2.65 |
| 97 | .357 MAG. F, RB | P/G | F/S | na | 3.5" | 1-14" | 0.357 | 8.5" | 5.375" | 4.625" | 6 | 35.36 | 1002.42 | 2.21 |
| 97 | .357 MAG. | P/G | F/S | na | 3.5" | 1-14" | 0.357 | 8.5" | 5.375" | 4.625" | 6 | 36.32 | 1029.64 | 2.27 |
| 97 | .357 MAG. | P/G | F/S | na | 4.25" | 1-14" | 0.357 | 9.5" | 5.375" | 5.625" | 6 | 37.28 | 1056.85 | 2.33 |
| 97 | .357 MAG. | P/G | F/S | na | 5.5" | 1-14" | 0.357 | 10.75" | 5.375" | 6.75" | 6 | 38.88 | 1102.21 | 2.43 |
| 97 | .41 MAG. | P/G | A/S | 0.380 | 4.25" | 1-14" | 0.410 | 9.5" | 5.375" | 5.625" | 5 | 36.96 | 1047.78 | 2.31 |
| 97 | .41 MAG. | P/G | A/S | 0.380 | 5.5" | 1-14" | 0.410 | 10.75" | 5.375" | 6.75" | 5 | 38.4 | 1088.60 | 2.40 |
| 97 | .41 MAG. | P/G | A/S | 0.330 | 7.5" | 1-14" | 0.410 | 12.75" | 5.375" | 8.75" | 5 | 40.96 | 1161.18 | 2.56 |
| 97 | .44 SPECIAL | P/G | A/S | 0.380 | 4.25" | 1-20" | 0.4295 | 9.5" | 5.375" | 5.625" | 5 | 36.32 | 1029.64 | 2.27 |
| 97 | .44 SPECIAL | P/G | A/S | 0.380 | 5.5" | 1-20" | 0.4295 | 10.75" | 5.375" | 6.75" | 5 | 37.6 | 1065.92 | 2.35 |
| 97 | .44 SPECIAL | P/G | A/S | 0.330 | 7.5" | 1-20" | 0.4295 | 12.75" | 5.375" | 8.75" | 5 | 39.68 | 1124.89 | 2.48 |
| 97 | .45 COLT RB | P/G | A/S | 0.380 | 3.5" | 1-24" | 0.452 | 8.5" | 5.375" | 4.875" | 5 | 33.76 | 957.06 | 2.11 |
| 97 | .45 COLT | P/G | A/S | 0.480 | 4.25" | 1-24" | 0.452 | 9.5" | 5.375" | 5.625" | 5 | 35.52 | 1006.96 | 2.22 |
| 97 | .45 COLT | P/G | A/S | 0.430 | 5.5" | 1-24" | 0.452 | 10.75" | 5.375" | 6.75" | 5 | 36.64 | 1038.71 | 2.29 |
| 97 | .45 COLT | P/G | A/S | 0.380 | 7.5" | 1-24" | 0.452 | 12.75" | 5.375" | 8.75" | 5 | 37.92 | 1074.99 | 2.37 |

| Model | Caliber | Type | Sight | Sight Hgt. | BRL. | Twist | Intended Bullet Dia. | O.A.L | O.A.H. | Sight Radius | Cartridge Capacity | Weight Oz. | Weight Grams | Weight Pounds |
|-------|-------------------|------|--------|------------|--------------|-------|----------------------|--------|--------|--------------|--------------------|------------|--------------|---------------|
| 83 | .500 W.E. R.B. | P/G | A/S | 0.480 | 4.00" | 1-20" | 0.500 | 9.47" | 5.709" | 5.75" | 5 | 44.64 | 1265.50 | 2.79 |
| 83 | .500 WYO. EXP. | P/G | A/S | 0.480 | 4.75" | 1-20" | 0.500 | 10.25" | 5.709" | 6.5" | 5 | 46.08 | 1306.32 | 2.88 |
| 83 | .500 WYO. EXP. | P/G | A/S | 0.380 | 6" | 1-20" | 0.500 | 11.5" | 5.709" | 7.75" | 5 | 47.84 | 1356.22 | 2.99 |
| 83 | .500 WYO. EXP. | P/G | A/S | 0.430 | 7.5" | 1-20" | 0.500 | 13" | 5.709" | 9.25" | 5 | 51.04 | 1446.93 | 3.19 |
| 83 | .500 WYO. EXP. | P/G | LVL S. | 0.430 | 7.5" | 1-20" | 0.500 | 13" | 7.50" | 9.25" | 5 | 63.2 | 1791.66 | 3.95 |
| 83 | .500 WYO. EXP. | F/G | A/S | 0.430 | 4.75" | 1-20" | 0.500 | 10.35" | 5.8" | 6.5" | 5 | 47.68 | 1351.68 | 2.98 |
| 83 | .500 WYO. EXP. | F/G | A/S | 0.380 | 6" | 1-20" | 0.500 | 11.6" | 5.8" | 7.75" | 5 | 54.08 | 1533.11 | 3.38 |
| 83 | .500 WYO. EXP. | F/G | A/S | 0.430 | 7.5" | 1-20" | 0.500 | 13.1" | 5.8" | 9.25" | 5 | 52.64 | 1492.29 | 3.29 |
| 83 | .475 LINEBAUGH | P/G | A/S | 0.430 | 4.75" | 1-18" | 0.475 | 10.25" | 5.709" | 6.5" | 5 | 47.52 | 1347.14 | 2.97 |
| 83 | .475 LINEBAUGH | P/G | A/S | 0.430 | 6" | 1-18" | 0.475 | 11.5" | 5.709" | 7.75" | 5 | 49.12 | 1392.50 | 3.07 |
| 83 | .475 LINEBAUGH | P/G | A/S | 0.430 | 7.5" | 1-18" | 0.475 | 13" | 5.709" | 9.25" | 5 | 51.2 | 1451.47 | 3.20 |
| 83 | .475 LINEBAUGH | P/G | A/S | 0.380 | 10.0" | 1-18" | 0.475 | 15.5" | 5.709" | 11.75" | 5 | 54.4 | 1542.19 | 3.40 |
| 83 | .475 LINEBAUGH | F/G | A/S | 0.430 | 4.75" | 1-18" | 0.475 | 10.35" | 5.8" | 6.5" | 5 | 50.88 | 1442.40 | 3.18 |
| 83 | .475 LINEBAUGH | F/G | A/S | 0.430 | 6" | 1-18" | 0.475 | 11.6" | 5.8" | 7.75" | 5 | 52.48 | 1487.76 | 3.28 |
| 83 | .475 LINEBAUGH | F/G | A/S | 0.430 | 7.5" | 1-18" | 0.475 | 13.1" | 5.8" | 9.25" | 5 | 54.4 | 1542.19 | 3.40 |
| 83 | .475 LINEBAUGH | F/G | A/S | 0.380 | 10.0" | 1-18" | 0.475 | 15.6" | 5.8" | 11.75" | 5 | 57.6 | 1632.90 | 3.60 |
| 83 | .454 CASULL | P/G | A/S | 0.430 | 4.75" | 1-24" | 0.452 | 10.25" | 5.709" | 6.5" | 5 | 48.96 | 1387.97 | 3.06 |
| 83 | .454 CASULL | P/G | A/S | 0.380 | 6" | 1-24" | 0.452 | 11.5" | 5.709" | 7.75" | 5 | 50.56 | 1433.33 | 3.16 |
| 83 | .454 CASULL | P/G | A/S | 0.330 | 7.5" | 1-24" | 0.452 | 13" | 5.709" | 9.25" | 5 | 52.48 | 1487.76 | 3.28 |
| 83 | .454 CASULL | P/G | A/S | 0.280 | 10.0" | 1-24" | 0.452 | 15.5" | 5.709" | 11.75" | 5 | 55.84 | 1583.01 | 3.49 |
| 83 | .454 CASULL | F/G | A/S | 0.430 | 4.75" | 1-24" | 0.452 | 10.35" | 5.8" | 6.5" | 5 | 52.16 | 1478.68 | 3.26 |
| 83 | .454 CASULL | F/G | A/S | 0.380 | 6" | 1-24" | 0.452 | 11.6" | 5.8" | 7.75" | 5 | 53.76 | 1524.04 | 3.36 |
| 83 | .454 CASULL | F/G | A/S | 0.330 | 7.5" | 1-24" | 0.452 | 13.1" | 5.8" | 9.25" | 5 | 55.52 | 1573.94 | 3.47 |
| 83 | .454 CASULL | F/G | A/S | 0.280 | 10.0" | 1-24" | 0.452 | 15.6" | 5.8" | 11.75" | 5 | 59.04 | 1673.72 | 3.69 |
| 83 | .44 MAG. | P/G | A/S | 0.480 | 4.75" | 1-20" | 0.4295 | 10.25" | 5.709" | 6.5" | 5 | 48.64 | 1378.90 | 3.04 |
| 83 | .44 MAG. | P/G | A/S | 0.430 | 6" | 1-20" | 0.4295 | 11.5" | 5.709" | 7.75" | 5 | 51.52 | 1460.54 | 3.22 |
| 83 | .44 MAG. | P/G | A/S | 0.380 | 7.5" | 1-20" | 0.4295 | 13" | 5.709" | 9.25" | 5 | 53.6 | 1519.51 | 3.35 |
| 83 | .44 MAG. Oct. Brl | P/G | A/S | 0.380 | 7.5" | 1-20" | 0.4295 | 13" | 5.709" | 9.25" | 5 | 55.84 | 1583.01 | 3.49 |
| 83 | .44 MAG. | P/G | A/S | 0.330 | 10.0" | 1-20" | 0.4295 | 15.5" | 5.709" | 11.75" | 5 | 57.12 | 1619.29 | 3.57 |
| 83 | .44 MAG. Oct. Brl | P/G | A/S | 0.330 | 10.0" | 1-20" | 0.4295 | 15.5" | 5.709" | 11.75" | 5 | 59.84 | 1696.40 | 3.74 |
| 83 | .44 MAG. | F/G | A/S | 0.480 | 4.75" | 1-20" | 0.4295 | 10.35" | 5.8" | 6.5" | 5 | 52.8 | 1496.83 | 3.30 |
| 83 | .44 MAG. | F/G | A/S | 0.430 | 6" | 1-20" | 0.4295 | 11.6" | 5.8" | 7.75" | 5 | 54.72 | 1551.26 | 3.42 |
| 83 | .44 MAG. | F/G | A/S | 0.380 | 7.5" | 1-20" | 0.4295 | 13.1" | 5.8" | 9.25" | 5 | 56.96 | 1614.76 | 3.56 |
| 83 | .44 MAG. | F/G | A/S | 0.330 | 10.0" | 1-20" | 0.4295 | 15.6" | 5.8" | 11.75" | 5 | 60.24 | 1707.74 | 3.77 |

| Model | Caliber | Type | Sight | Sight Hgt. | BRL. | Twist | Intended Bullet Dia. | O.A.L | O.A.H. | Sight Radius | Cartridge Capacity | Weight Oz. | Weight Grams | Weight Pounds |
|-------|---|------|-------|------------|---------------|-------|----------------------|---------|--------|--------------|--------------------|------------|--------------|---------------|
| 83 | .41 MAG. | P/G | A/S | 0.480 | 4.75" | 1-14" | 0.410 | 10.25" | 5.709" | 6.5" | 5 | 50.88 | 1442.40 | 3.18 |
| 83 | .41 MAG. | P/G | A/S | 0.430 | 6" | 1-14" | 0.410 | 11.5" | 5.709" | 7.75" | 5 | 52.32 | 1483.22 | 3.27 |
| 83 | .41 MAG. | P/G | A/S | 0.380 | 7.5" | 1-14" | 0.410 | 13" | 5.709" | 9.25" | 5 | 54.72 | 1551.26 | 3.42 |
| 83 | .41 MAG. | P/G | A/S | 0.330 | 10.0" | 1-14" | 0.410 | 15.5" | 5.709" | 11.75" | 5 | 58.24 | 1651.05 | 3.64 |
| 83 | .41 MAG. | F/G | A/S | 0.480 | 4.75" | 1-14" | 0.410 | 10.35" | 5.8" | 6.5" | 5 | 53.76 | 1524.04 | 3.36 |
| 83 | .41 MAG. | F/G | A/S | 0.430 | 6" | 1-14" | 0.410 | 11.6" | 5.8" | 7.75" | 5 | 55.68 | 1578.47 | 3.48 |
| 83 | .41 MAG. | F/G | A/S | 0.380 | 7.5" | 1-14" | 0.410 | 13.1" | 5.8" | 9.25" | 5 | 58.08 | 1646.51 | 3.63 |
| 83 | .41 MAG. | F/G | A/S | 0.330 | 10.0" | 1-14" | 0.410 | 15.6" | 5.8" | 11.75" | 5 | 61.6 | 1746.30 | 3.85 |
| 83 | .357 MAG. | P/G | A/S | 0.430 | 4.75" | 1-14" | 0.357 | 10.25" | 5.709" | 6.5" | 5 | 52.32 | 1483.22 | 3.27 |
| 83 | .357 MAG. | P/G | A/S | 0.380 | 6" | 1-14" | 0.357 | 11.5" | 5.709" | 7.75" | 5 | 54.88 | 1555.79 | 3.43 |
| 83 | .357 MAG. | P/G | A/S | 0.330 | 7.5" | 1-14" | 0.357 | 13" | 5.709" | 9.25" | 5 | 57.44 | 1628.37 | 3.59 |
| 83 | .357 MAG. | P/G | A/S | 0.280 | 9.0" | 1-14" | 0.357 | 14.5" | 5.709" | 10.75" | 5 | 59.68 | 1691.87 | 3.73 |
| 83 | .357 MAG. Hd& ISGW | P/G | A/S | 0.280 | 10" | 1-14" | 0.357 | 14.5" | 5.709" | 10.75" | 5 | 62.08 | 1759.91 | 3.88 |
| 83 | .357 MAG. | F/G | A/S | 0.430 | 4.75" | 1-14" | 0.357 | 10.35" | 5.8" | 6.5" | 5 | 55.52 | 1573.94 | 3.47 |
| 83 | .357 MAG. | F/G | A/S | 0.380 | 6" | 1-14" | 0.357 | 11.6" | 5.8" | 7.75" | 5 | 58.08 | 1646.51 | 3.63 |
| 83 | .357 MAG. | F/G | A/S | 0.330 | 7.5" | 1-14" | 0.357 | 13.1" | 5.8" | 9.25" | 5 | 60.64 | 1719.08 | 3.79 |
| 83 | .357 MAG. | F/G | A/S | 0.280 | 9.0" | 1-14" | 0.357 | 15.6" | 5.8" | 10.75" | 5 | 62.88 | 1782.59 | 3.93 |
| 83 | .22LR | F/G | A/S | 0.380 | 5.125" | 1-14" | 0.222 | 10.625" | 5.709" | 6.5 | 5 | 53.92 | 1528.58 | 3.37 |
| 83 | .22LR | F/G | A/S | 0.330 | 7.5" | 1-14" | 0.222 | 13.375" | 5.709" | 9.25 | 5 | 57.76 | 1637.44 | 3.61 |
| 83 | .22LR | F/G | A/S | 0.280 | 10" | 1-14" | 0.222 | 15.875" | 5.709" | 11.75 | 5 | 66.08 | 1873.30 | 4.13 |
| 83 | .22LR Wood or Mic, grip. Silhouette sights & Hooc | F/G | A/S | 0.280 | 10" | 1-14" | 0.222 | 15.875" | 5.709" | 11.75 | 5 | 63.28 | 1793.92 | 3.96 |
| 83 | .22LR Pachmayr grip. Silhouette sights & Hooc | F/G | A/S | 0.280 | 10" | 1-14" | 0.222 | 15.875" | 5.709" | 11.75 | 5 | 66.96 | 1898.25 | 4.19 |

Revolver Test Fire Requirements

All Freedom Arms Revolvers are fully test fired for function and accuracy at the factory.

The testing is done in a underground tunnel in a machine rest at a range of 25 yards.

No sighting-in of revolvers is done just group testing, and function testing to our performance standards.

Premier grade revolvers and field grade revolvers are tested to the same standards.

Test targets for the premier grade revolvers are included with the revolvers, field grades do not include the target.

Below is a brief list of the various types of ammunitions most commonly used for this testing. The ammunition performance and suppliers will vary. All the ammunition used for testing is commercially available and can be purchased at most local sporting goods stores and gun shops.

.17 HMR Hornady .17 gr.

.22 LR Lapua , .22 LR CCI Green Tag, .22 CCI Standard

.22 Mag. CCI Maxi-Max 40 gr., .22 Winchester Mag FMJ 40 gr.

.32-20 Black Hills 115gr. FPL

.32 H&R Mag. Black Hills 85gr. JHP, .32 H&R Mag. Black Hills 90gr. FPL

.38 Special Speer 158 gr. TMJ

.357 Mag. Black Hills 158 gr. JHP

.41 Mag. Federal 210 gr. Jacketed H.P. Power Shok

.44 Special Hornady 180 gr. XTP, .44 Special 200gr. Silvertip Winchester

.44 Mag. Black Hills 240 gr. JHP.

.45 ACP Black Hills 185gr. Solid Nose, .45 ACP Winchester 230gr.

.45 Win. Mag. Winchester 260JHP

.45 Colt Winchester 225gr. Silvertip

.454 Casull Hornady 300 gr. JHP, .454 Casull Winchester 300 gr. JHP

.480 Ruger Hornady 325 gr. XTP

.475 Linebaugh Hornady 400gr.

.50 Action Express 325 gr. Speer.

.500 Wyoming Express Grizley Ammunition