

# Freedom Arms Inc. Revolver Specifications

PO Box 150, Freedom Wyoming, 83120 307.883.2461

10/29/2009

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 & .224-32 F.A.	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 & .224-32 F.A.	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 & .224-32 F.A.	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	.327 F &.32 H&R MAG.	P/G	A/S	0.330	4.25"	1-14"	0.312	9.5"	5.375"	5.625"	6	40	1133.96	2.50
97	.327 F &.32 H&R MAG.	P/G	A/S	0.330	5.5"	1-14"	0.312	10.75"	5.375"	6.75"	6	41.44	1174.78	2.59
97	.327 F &.32 H&R MAG.	P/G	A/S	0.330	7.5"	1-14"	0.312	12.75"	5.375"	8.75"	6	44.32	1256.43	2.77
97	.327 F &.32 H&R MAG.	P/G	A/S	0.330	10"	1-14"	0.312	15.125"	5.375"	11.25"	6	47.68	1351.68	2.98
97	.327 F &.32 H&R MAG.	P/G	F/S	na	4.25"	1-14"	0.312	9.5"	5.375"	5.625"	6	38.4	1088.60	2.40
97	.327 F &.32 H&R MAG.	P/G	F/S	na	5.5"	1-14"	0.312	10.75"	5.375"	6.75"	6	40.32	1143.03	2.52
97	.327 F &.32 H&R MAG.	P/G	F/S	na	7.5"	1-14"	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	<b>4.00"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>7.5"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>10.0"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>9.0"</b>	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	<b>10"</b>	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	<b>4.75"</b>	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	<b>6"</b>	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	<b>7.5"</b>	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	<b>9.0"</b>	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	<b>5.125"</b>	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	<b>7.5"</b>	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	<b>10"</b>	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	<b>10"</b>	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	<b>10"</b>	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