

GC62 3498

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker

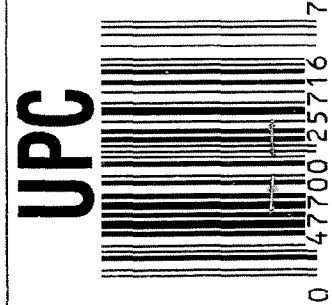


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6623498



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

SERIAL NO.



66623498

GUN SERIAL # G6623498

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-27-06	RTZ
420	ASSEMBLE ACTION		1-2-07	RTZ
430	ASSEMBLE TO STOCK		1-2-07	RTZ
440	PROOF	MAGNA-FLUX INSPECTED	1-2-07	TRW
460	CHECK HEADSPACE	JAN 05 2007	1-2-07	TRW
470	DIS-ASSEMBLE ACTION		1-3-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-3-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-4-07	CW
510	DRILL AND TAP SIGHT HOLES		1-4-07	TRW
520	GOFF BLAST BBL / REC		1/5/07	(LS)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/17/07	TBB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-18-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-18-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-18-07	SD
	D) OIL FIRING PIN ASSEMBLY		1-19-07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/13/07	non

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5°</u> <u>5°</u> <u>5°</u>	2/13/07	nom
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2°</u> <u>2°</u> <u>2°</u>	2/13/07	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		2/13/07	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.024</u>	2/13/07	nom
	J) ASSEMBLE STOCK		1-19-07	SPD
	K) ASSEMBLE SWIVEL STUDS		2/13/07	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/13/07	nom
	M) IRON SIGHT ALIGNMENT		2/13/07	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/13/07	nom
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL		
650	TARGET	<u>PASS</u> FAIL	1/25/07	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-25-07	SD
670	FINAL INSPECTION A) HEADSPACE		2/13/07	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.62</u> <u>2.69</u> <u>2.79</u> <u>2.62</u>	1-29-07	TRW
	C) FUNCTION		2/13/07	nom
690	PACK		2/22/07	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0140334~~ 140373

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6623498.__0
FILE DATE AND TIME: 01/26/2007 13:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.036
The Average Y Centroid of the Five Target Set:	0.003
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.653
The Distance from POA to Centroid Target #1:	0.158
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.129
The Distance from Centroid Target #4 to Centroid Target #1:	0.273
The Distance from Centroid Target #5 to Centroid Target #1:	0.199

BARBER - M24 0140336

SERIAL NUMBER: G6623498. 0

TARGET NUMBER: 1

FILE DATE: 01/26/2007

FILE TIME: 13:34

POINT#	X	Y
1:	-1.237	0.690
2:	-0.871	0.566
3:	-0.762	0.129
4:	0.413	0.762
5:	0.712	0.326
6:	0.480	-0.067
7:	0.066	-0.068
8:	0.168	-0.552
9:	-0.583	-0.913
10:	0.174	-0.215

X CENTROID: -0.144

Y CENTROID: 0.066

POA TO CENTROID: 0.158

HORZ SPREAD: 1.949

VERT SPREAD: 1.675

GROUP SPREAD: 1.983

MIN RADIUS: 0.249

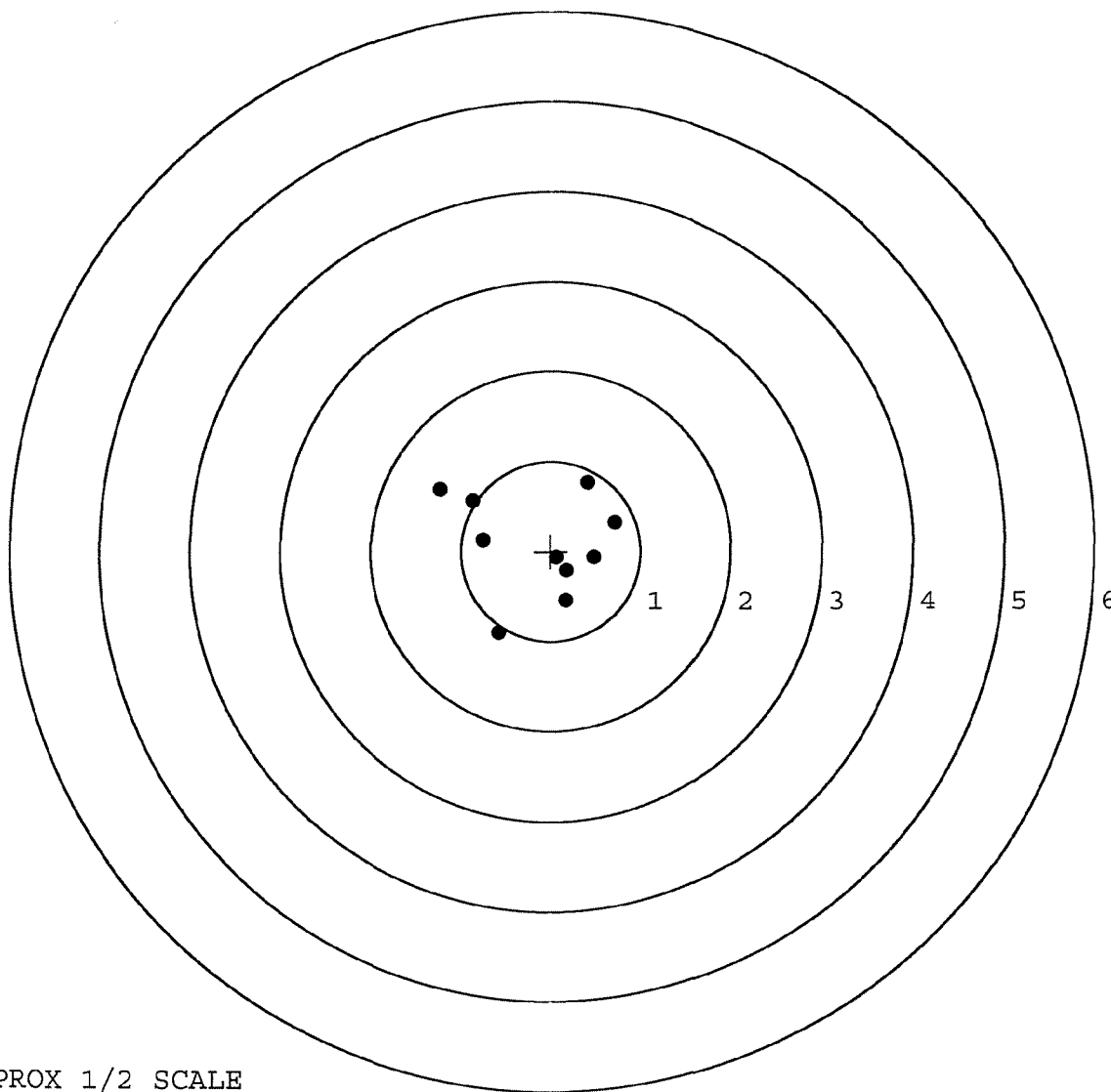
MAX RADIUS: 1.259

MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6623498. __0

TARGET NUMBER: 2

FILE DATE: 01/26/2007

FILE TIME: 13:34

POINT#	X	Y
1:	-0.522	-0.686
2:	-0.728	0.165
3:	-0.490	-0.122
4:	-0.151	0.286
5:	-0.247	0.080
6:	0.364	0.228
7:	0.311	0.081
8:	0.341	-0.363
9:	-0.095	-0.369
10:	0.169	-0.045

X CENTROID: -0.105

Y CENTROID: -0.050

POA TO CENTROID: 0.116

HORZ SPREAD: 1.092

VERT SPREAD: 0.972

GROUP SPREAD: 1.273

MIN RADIUS: 0.193

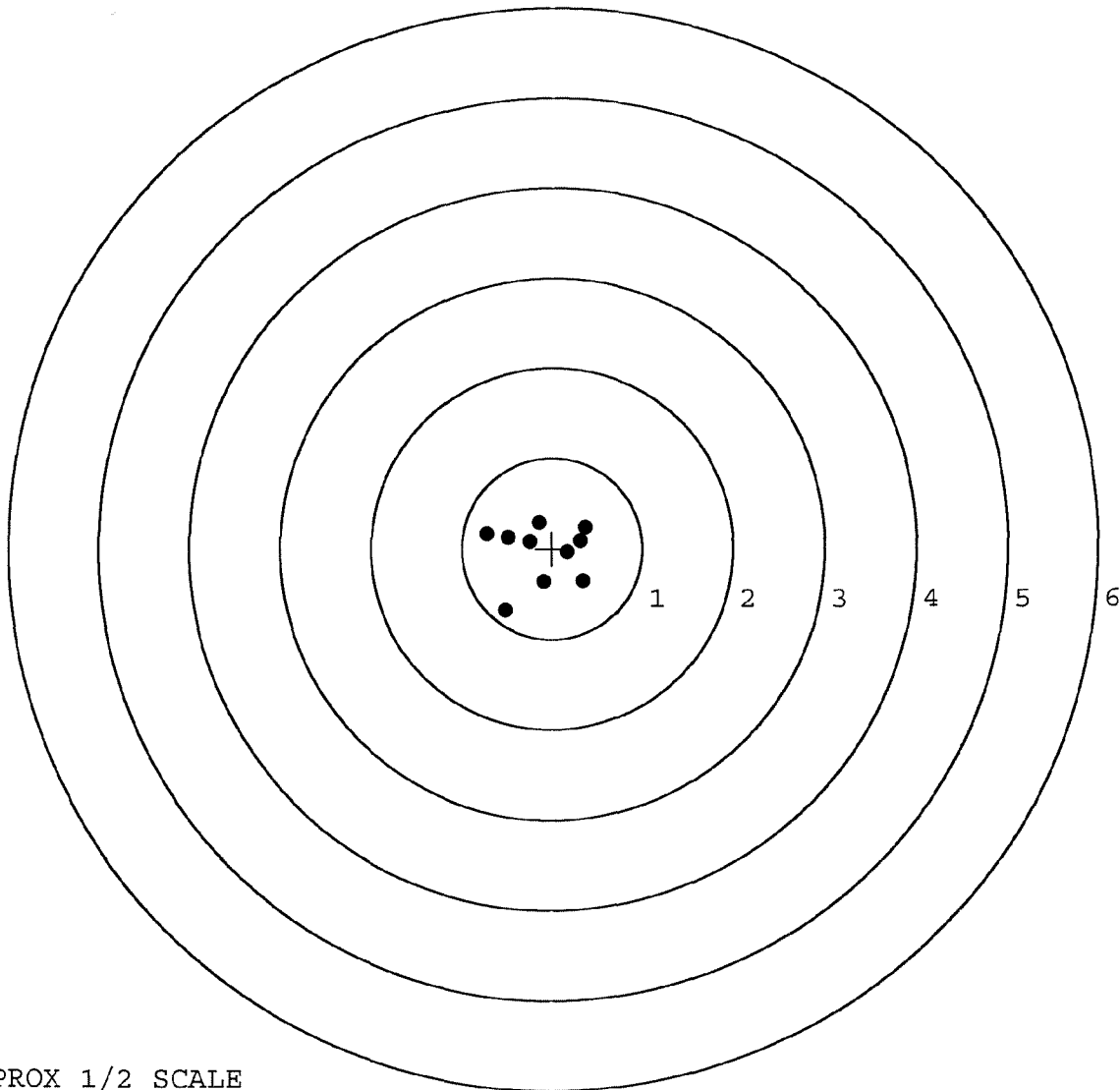
MAX RADIUS: 0.761

MEAN RADIUS: 0.449

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



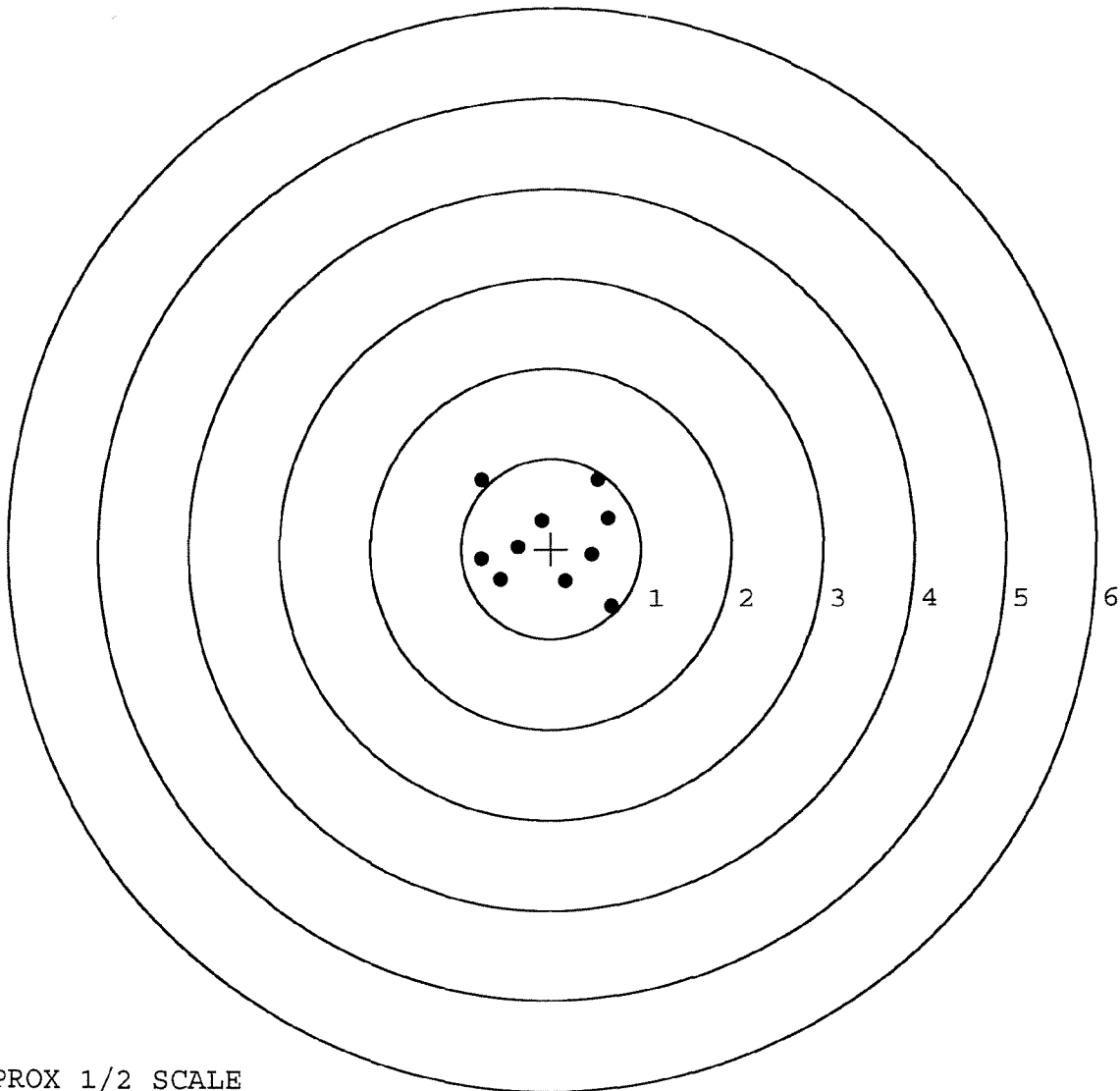
TARGET APPROX 1/2 SCALE

BARBER - M24 0140338

SERIAL NUMBER: G6623498. __0
 TARGET NUMBER: 3
 FILE DATE: 01/26/2007
 FILE TIME: 13:34

POINT#	X	Y
1:	0.671	-0.652
2:	0.163	-0.366
3:	0.457	-0.072
4:	0.629	0.338
5:	0.522	0.765
6:	-0.109	0.317
7:	-0.373	0.020
8:	-0.562	-0.341
9:	-0.778	-0.108
10:	-0.768	0.768

X CENTROID: -0.015
 Y CENTROID: 0.067
 POA TO CENTROID: 0.069
 HORZ SPREAD: 1.449
 VERT SPREAD: 1.420
 GROUP SPREAD: 2.022
 MIN RADIUS: 0.267
 MAX RADIUS: 1.029
 MEAN RADIUS: 0.666
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6623498. __0

TARGET NUMBER: 4

FILE DATE: 01/26/2007

FILE TIME: 13:34

POINT#	X	Y
1:	-0.331	0.695
2:	-0.622	0.299
3:	-0.822	-0.009
4:	-0.376	-0.067
5:	0.118	0.384
6:	0.344	0.110
7:	0.401	-0.132
8:	0.884	-0.375
9:	0.683	-1.304
10:	0.024	-1.063

X CENTROID: 0.030

Y CENTROID: -0.144

POA TO CENTROID: 0.148

HORZ SPREAD: 1.706

VERT SPREAD: 1.999

GROUP SPREAD: 2.241

MIN RADIUS: 0.371

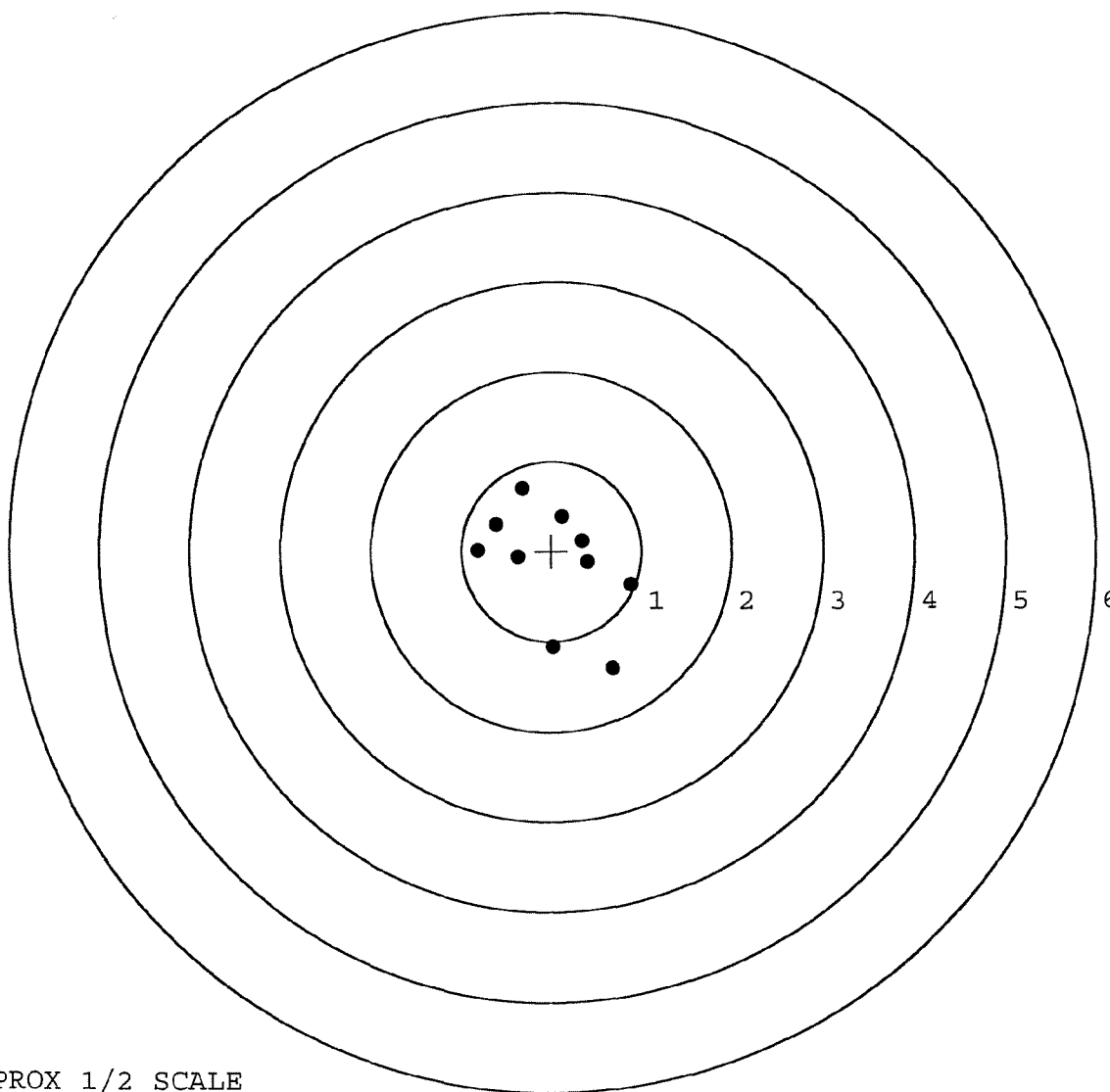
MAX RADIUS: 1.331

MEAN RADIUS: 0.743

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



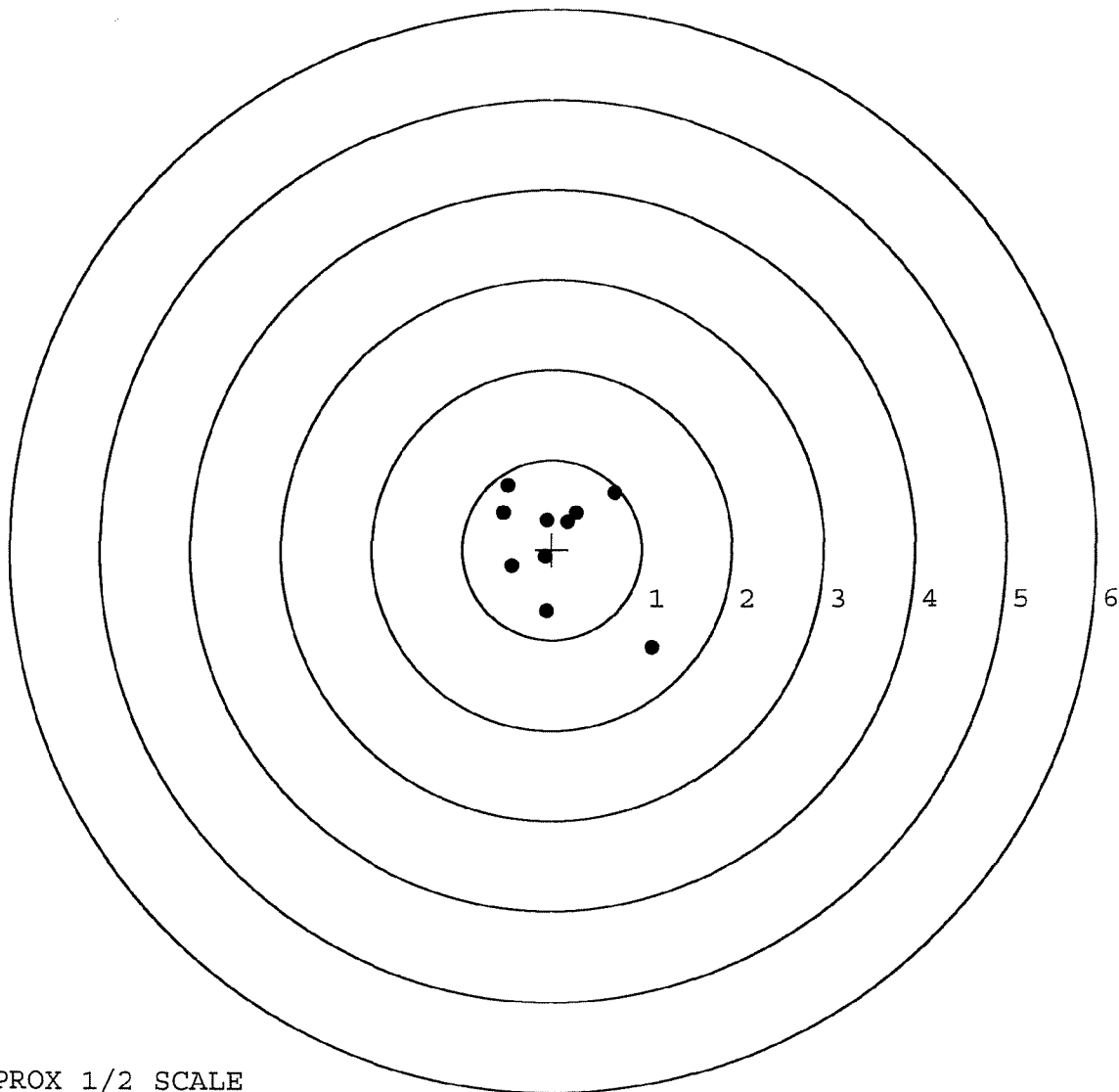
TARGET APPROX 1/2 SCALE

BARBER - M24 0140340

SERIAL NUMBER: G6623498. __0
 TARGET NUMBER: 5
 FILE DATE: 01/26/2007
 FILE TIME: 13:34

POINT#	X	Y
1:	1.110	-1.099
2:	0.703	0.628
3:	0.271	0.413
4:	-0.063	0.330
5:	-0.062	-0.690
6:	-0.076	-0.082
7:	-0.451	-0.185
8:	0.168	0.311
9:	-0.498	0.716
10:	-0.553	0.416

X CENTROID: 0.055
 Y CENTROID: 0.076
 POA TO CENTROID: 0.094
 HORZ SPREAD: 1.663
 VERT SPREAD: 1.815
 GROUP SPREAD: 2.425
 MIN RADIUS: 0.205
 MAX RADIUS: 1.579
 MEAN RADIUS: 0.646
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

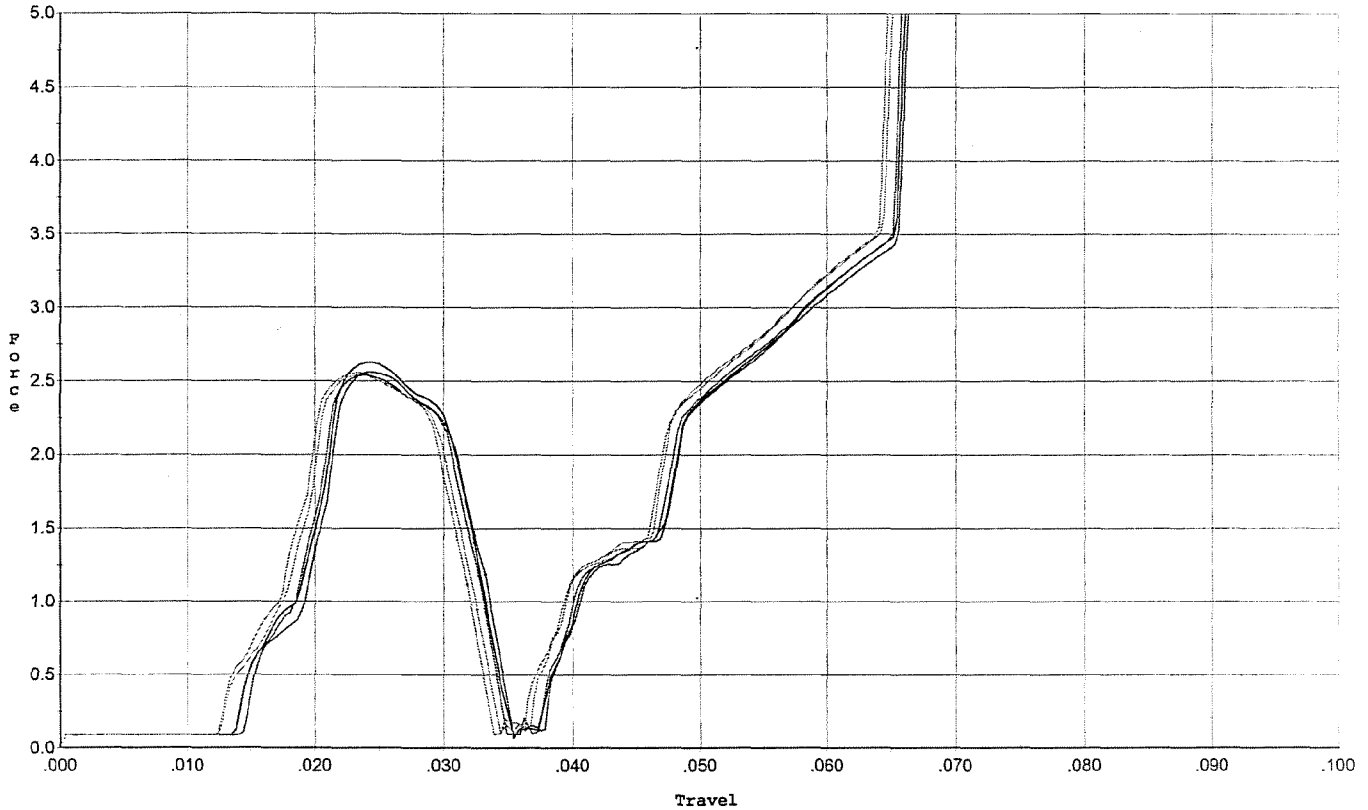


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 initl.



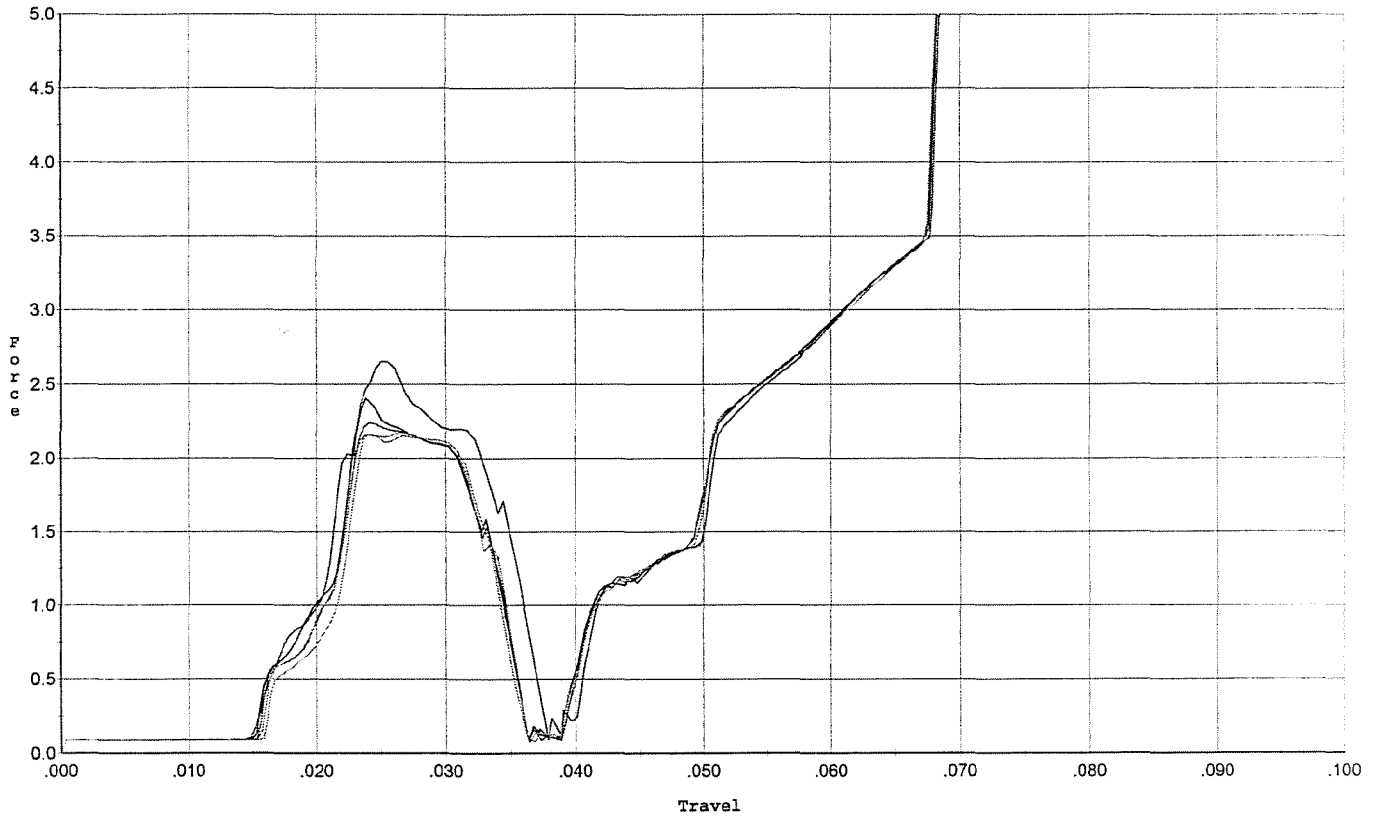
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.559	0.033	0.015	0.040	0.034		Set Trigger
2	2.628	0.032	0.014	0.040	0.034		Set Trigger
3	2.537	0.033	0.014	0.040	0.034		Set Trigger
4	2.542	0.033	0.013	0.039	0.035		Set Trigger
5	2.553	0.032	0.013	0.039	0.035		Set Trigger

Fig 255

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 after 50 cycles



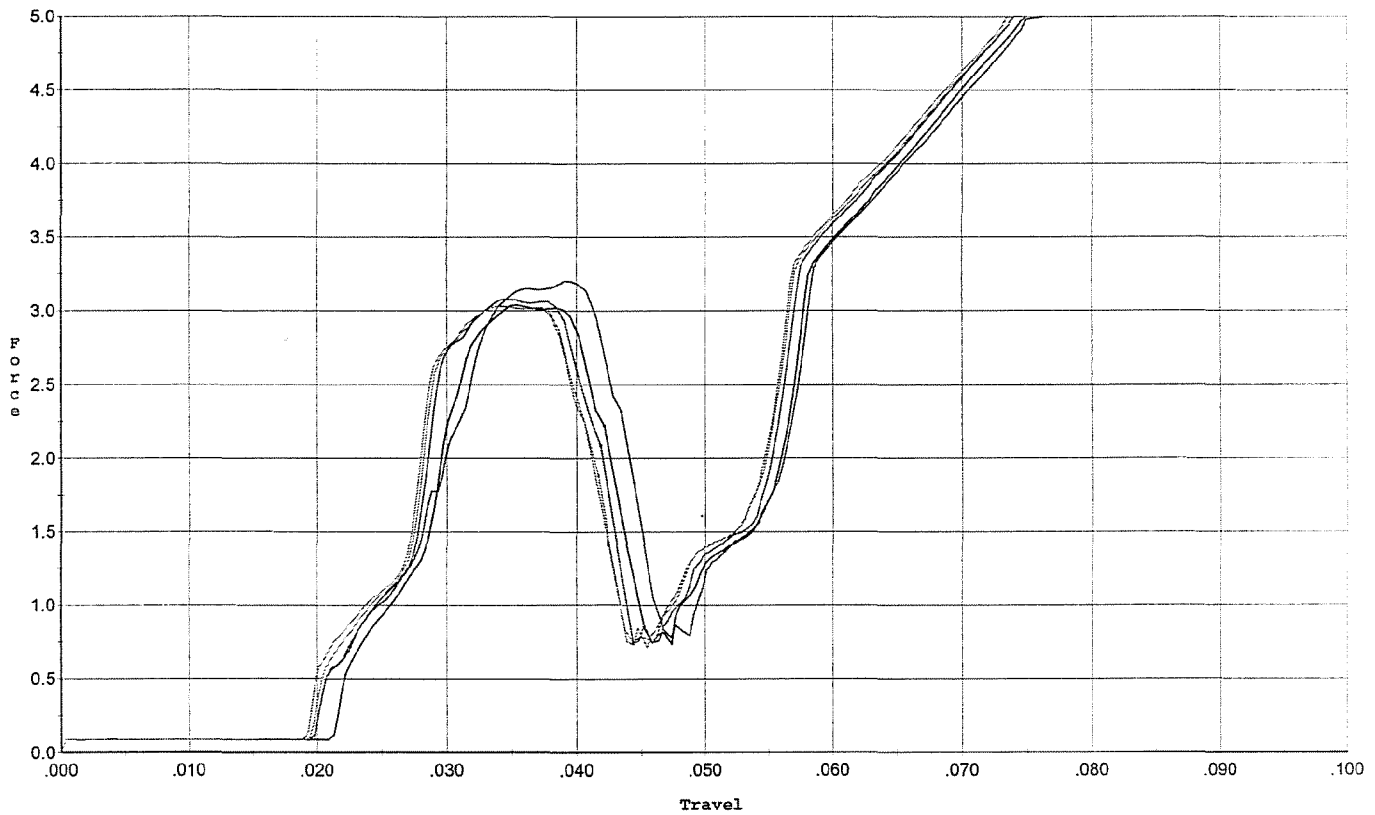
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.651	0.036	0.015	0.040	0.037		Set Trigger
2	2.407	0.035	0.016	0.041	0.031		Set Trigger
3	2.242	0.034	0.016	0.041	0.030		Set Trigger
4	2.161	0.034	0.016	0.041	0.029		Set Trigger
5	2.173	0.033	0.016	0.041	0.029		Set Trigger

Avg 232

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 initl.



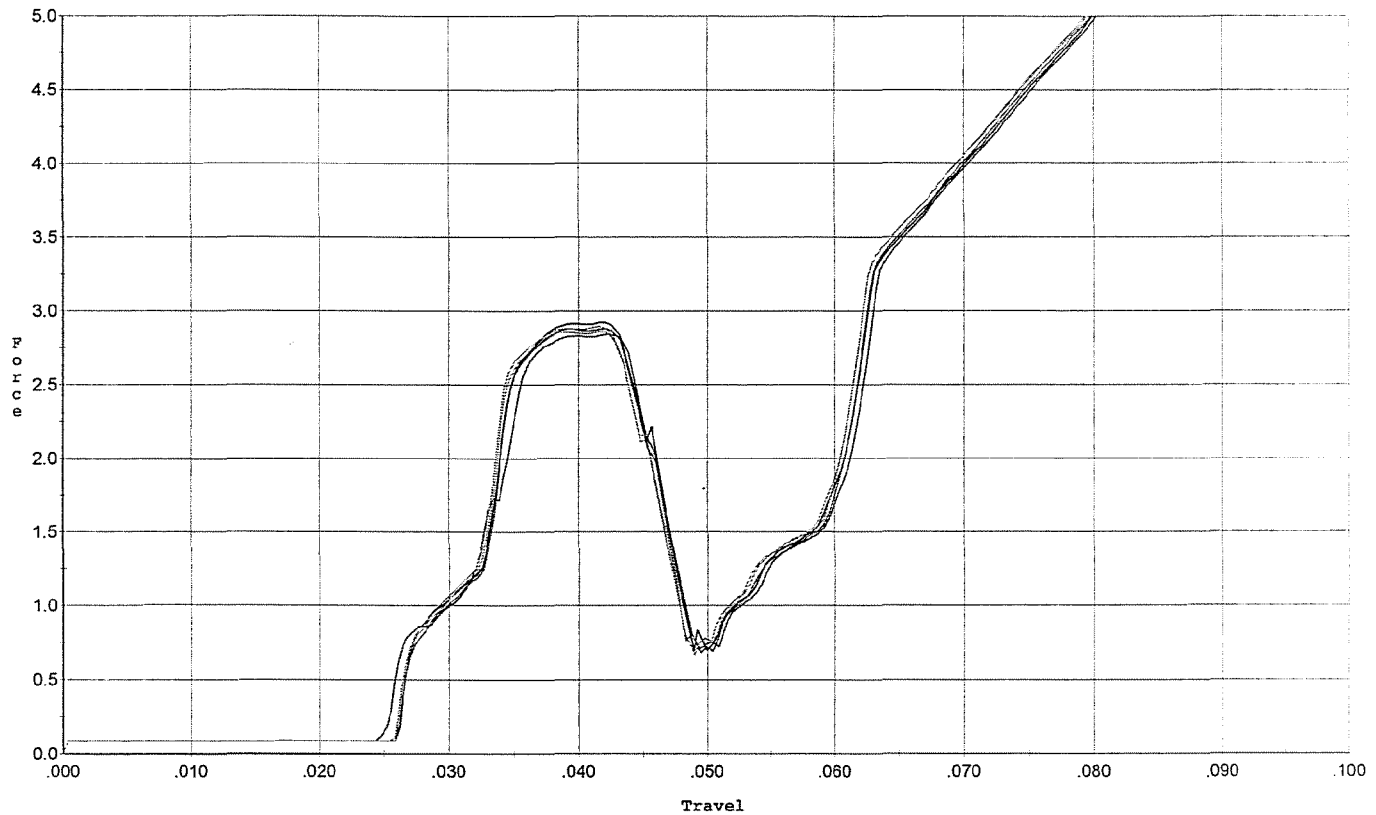
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.201	0.043	0.020	0.033	0.052		Set Trigger
2	3.040	0.042	0.022	0.034	0.046		Set Trigger
3	3.078	0.042	0.020	0.034	0.048		Set Trigger
4	3.029	0.042	0.020	0.034	0.047		Set Trigger
5	3.029	0.042	0.019	0.034	0.048		Set Trigger

Avg 3.07

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 after 20 cycles



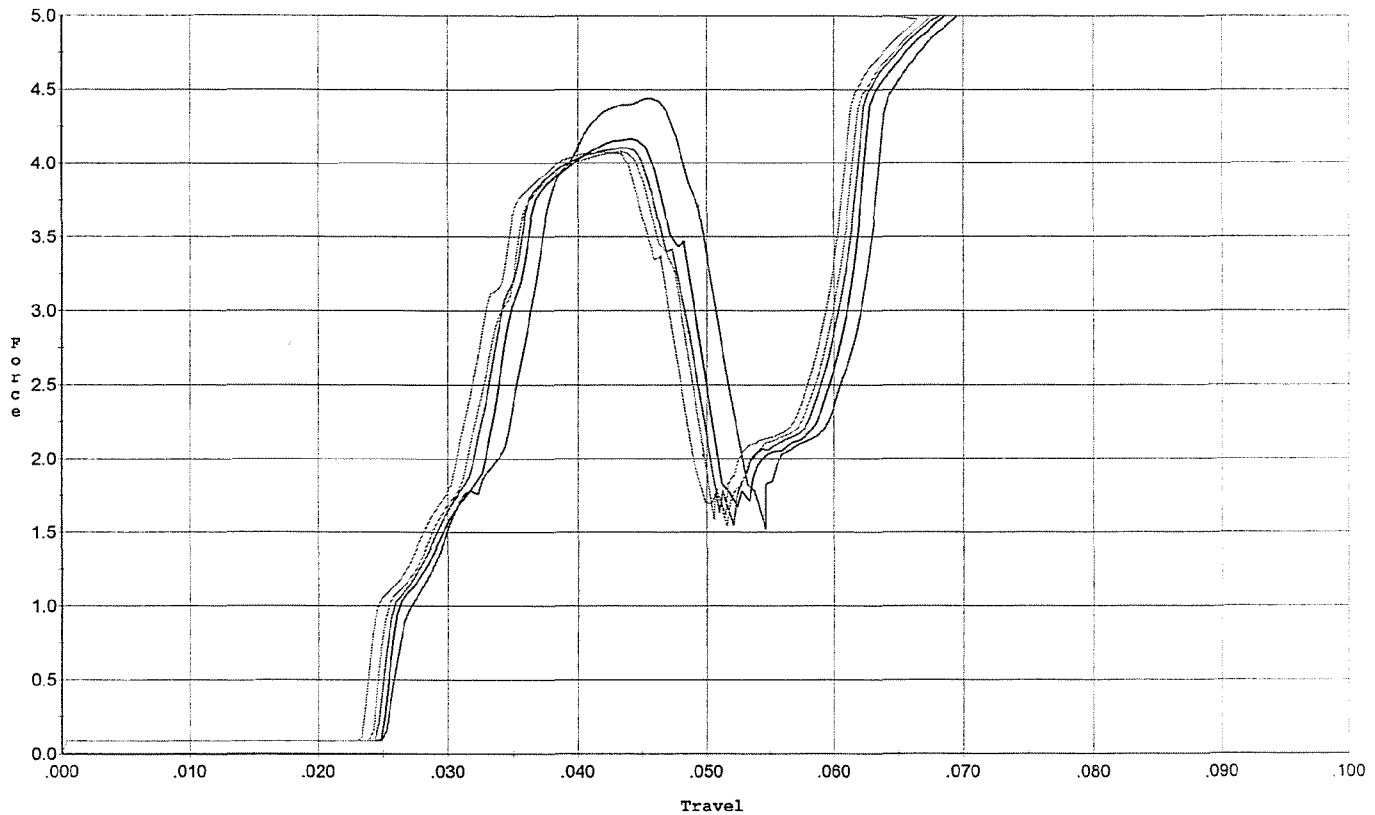
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.842	0.046	0.025	0.037	0.043		Set Trigger
2	2.923	0.046	0.026	0.036	0.043		Set Trigger
3	2.878	0.046	0.026	0.036	0.043		Set Trigger
4	2.896	0.047	0.026	0.036	0.044		Set Trigger
5	2.863	0.045	0.026	0.037	0.042		Set Trigger

Aug 287

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 initl.



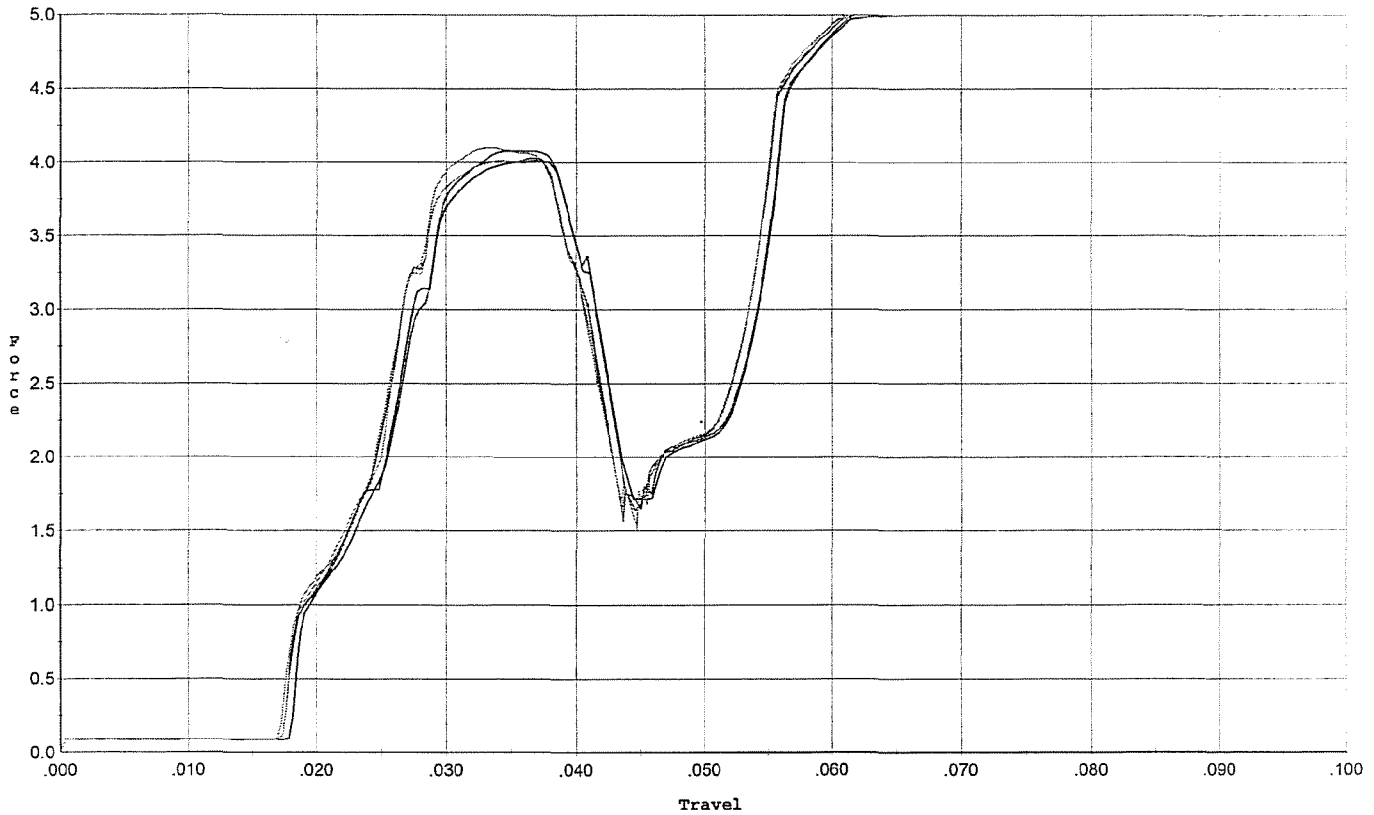
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.438	0.049	0.025	0.031	0.076		Set Trigger
2	4.165	0.048	0.025	0.032	0.072		Set Trigger
3	4.104	0.049	0.025	0.032	0.072		Set Trigger
4	4.079	0.048	0.024	0.032	0.071		Set Trigger
5	4.072	0.046	0.024	0.031	0.070		Set Trigger

Avg 4.16

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 after 20 cycles



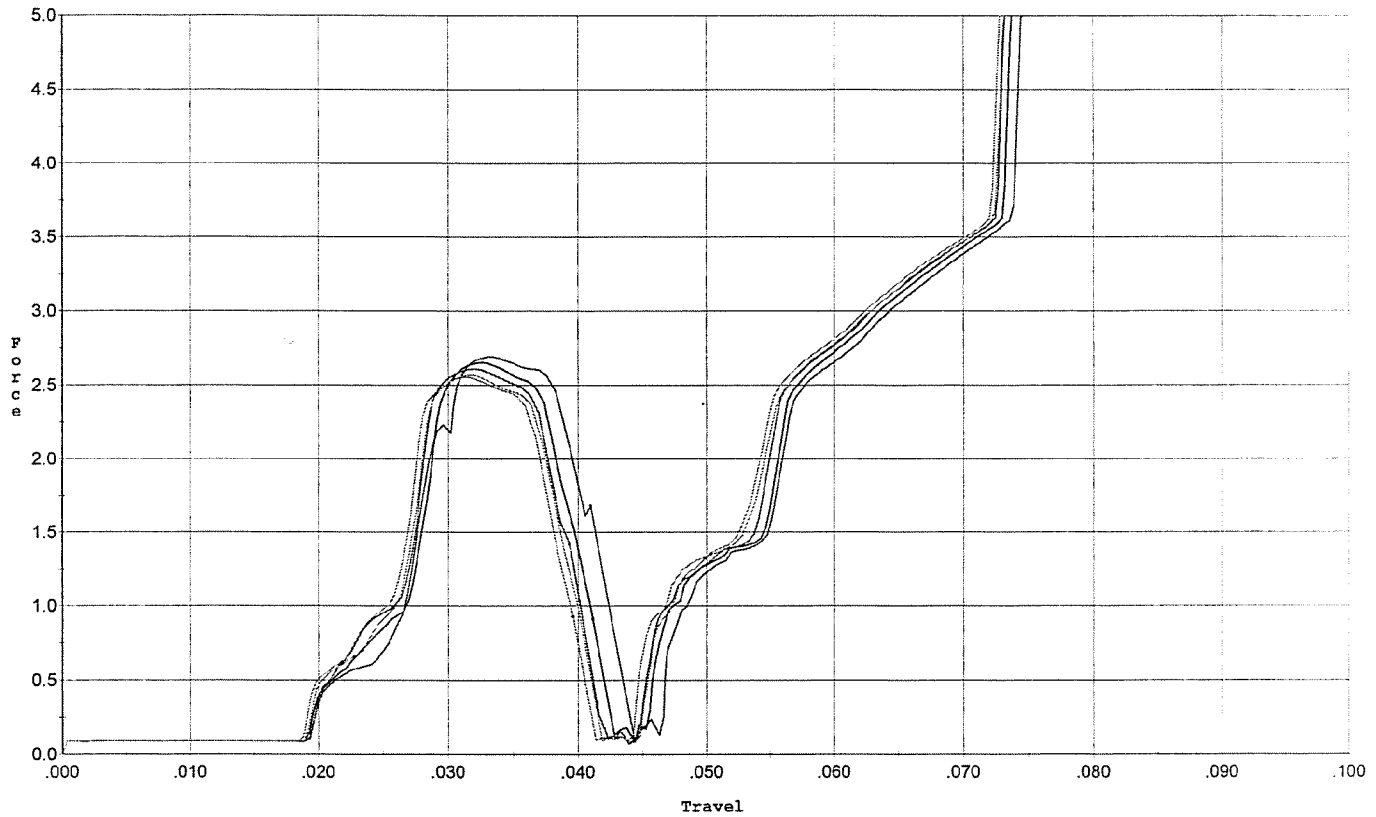
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.078	0.041	0.018	0.030	0.069		Set Trigger
2	4.013	0.041	0.018	0.030	0.068		Set Trigger
3	4.028	0.041	0.018	0.030	0.069		Set Trigger
4	4.020	0.042	0.018	0.030	0.070		Set Trigger
5	4.097	0.041	0.017	0.030	0.070		Set Trigger

Aug 404

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 reset final test



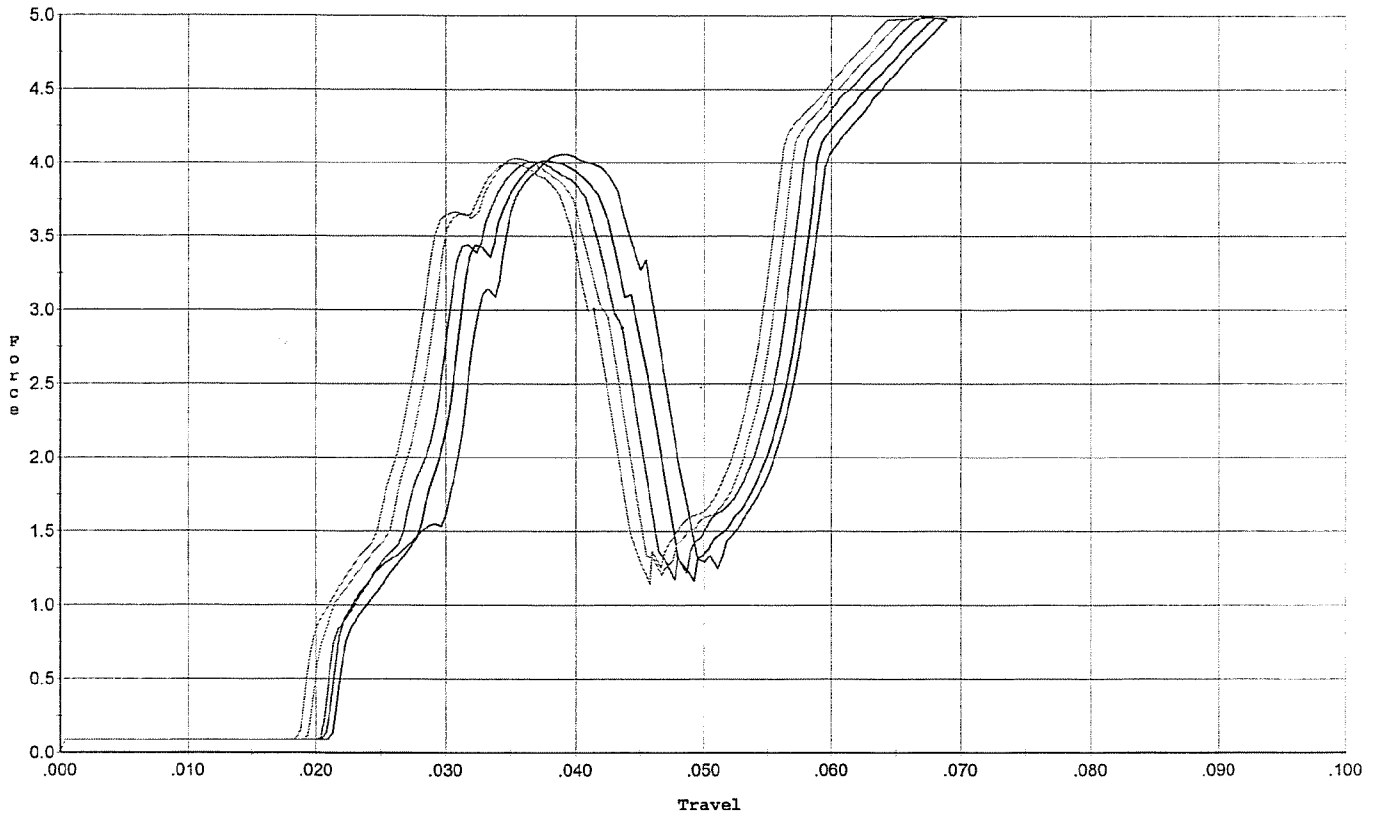
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.691	0.041	0.020	0.037	0.039		Set Trigger
2	2.653	0.041	0.019	0.037	0.037		Set Trigger
3	2.611	0.039	0.020	0.039	0.036		Set Trigger
4	2.569	0.040	0.019	0.040	0.036		Set Trigger
5	2.555	0.040	0.019	0.041	0.035		Set Trigger

Aug 261

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/21/06

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 reset for target and accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.059	0.045	0.021	0.032	0.068		Set Trigger
2	4.016	0.046	0.022	0.031	0.068		Set Trigger
3	4.007	0.044	0.021	0.031	0.065		Set Trigger
4	4.032	0.043	0.020	0.030	0.066		Set Trigger
5	3.996	0.041	0.019	0.031	0.065		Set Trigger

Aug 401