

G 663 5223

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

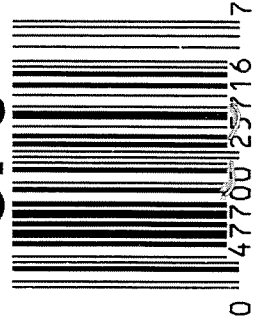
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635223

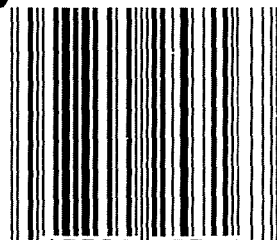
UPC



ORDER 25716

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

UPC

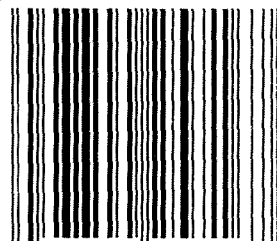


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ORDER 25716

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

UPC



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SERIAL NO.



66635223

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6635223

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-20-06	RJZ
420	ASSEMBLE ACTION		12-21-06	RJZ
430	ASSEMBLE TO STOCK		12-21-06	RP
440	PROOF		12-21-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	12-21-06	TRW
470	DIS-ASSEMBLE ACTION	DEC 28 2006	12-21-06	RJZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	12-28-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-28-06	CW
510	DRILL AND TAP SIGHT HOLES		12-27-06	SD
520	GOFF BLAST BBL / REC		12-28-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/6/07	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-8-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-8-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-8-07	SD
	D) OIL FIRING PIN ASSEMBLY		1-8-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	1-10-07	L.P.D.
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	1-10-07	L.P.D.
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.027</u> <u>.026</u>	1-10-07	L.P.D.
	J) ASSEMBLE STOCK		1-8-07	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		1-10-07	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-10-07	L.P.D.
	M) IRON SIGHT ALIGNMENT		1-10-07	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-10-07	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	1-8-07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11/8/07	MJD
670	FINAL INSPECTION A) HEADSPACE		1-10-07	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.93</u> <u>3.02</u> <u>2.94</u> <u>2.83</u> <u>2.90</u>	1-10-07	L.P.D.
	C) FUNCTION		1-10-07	L.P.D.
690	PACK		1-22-07	RA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0143902~~ 143941

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635223.___0
FILE DATE AND TIME: 01/09/2007 06:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.791
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.272
The Distance from Centroid Target #3 to Centroid Target #1:	0.168
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.395

BARBER - M24 0143904

SERIAL NUMBER: G6635223. __0

TARGET NUMBER: 1

FILE DATE: 01/09/2007

FILE TIME: 06:13

X CENTROID: -0.124

Y CENTROID: 0.003

POA TO CENTROID: 0.124

HORZ SPREAD: 1.228

VERT SPREAD: 3.129

GROUP SPREAD: 3.129

MIN RADIUS: 0.337

MAX RADIUS: 1.617

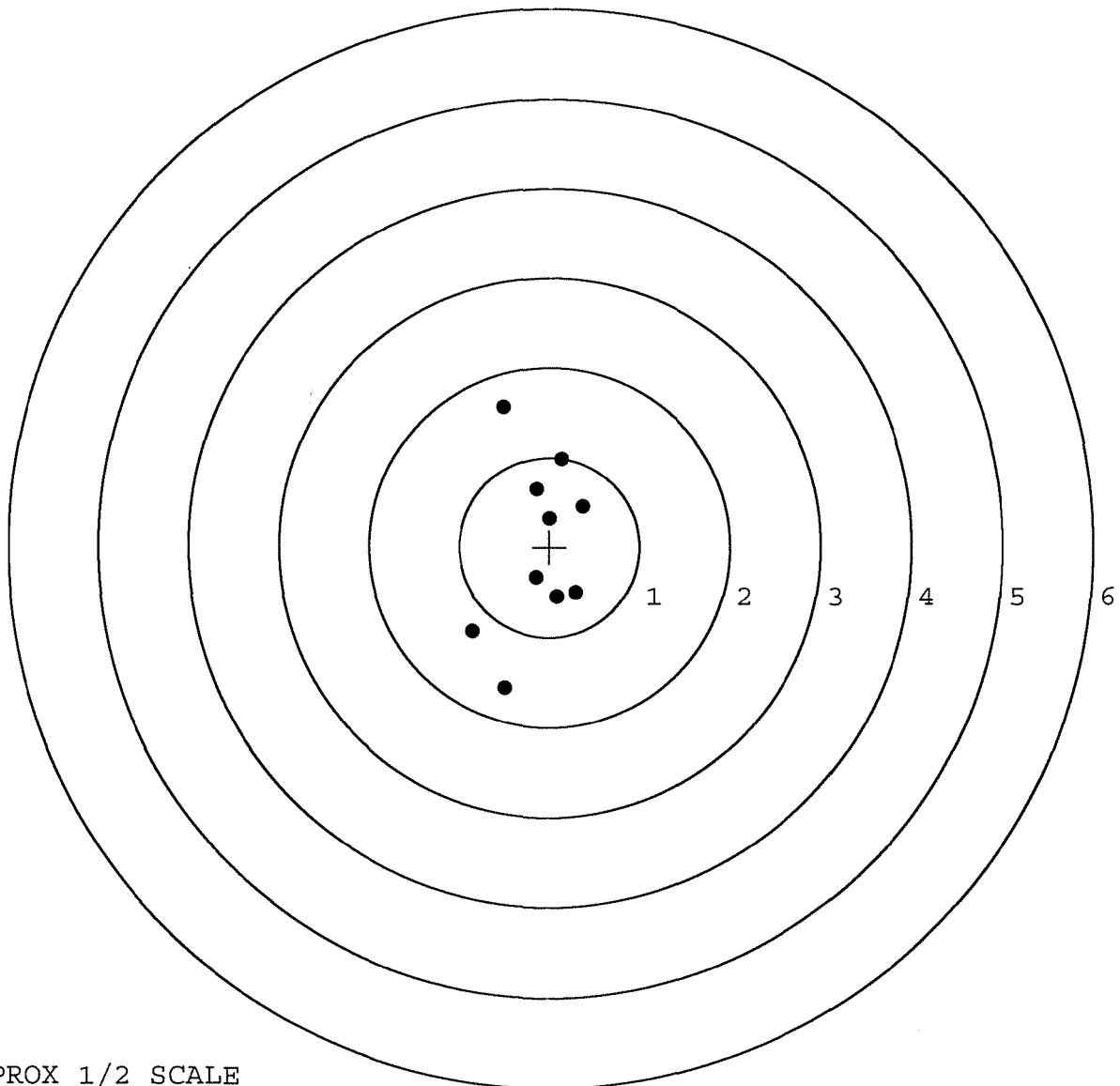
MEAN RADIUS: 0.869

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.514	1.556
2:	0.137	0.986
3:	-0.143	0.646
4:	0.001	0.316
5:	0.378	0.449
6:	0.296	-0.513
7:	0.092	-0.556
8:	-0.148	-0.342
9:	-0.850	-0.943
10:	-0.487	-1.573



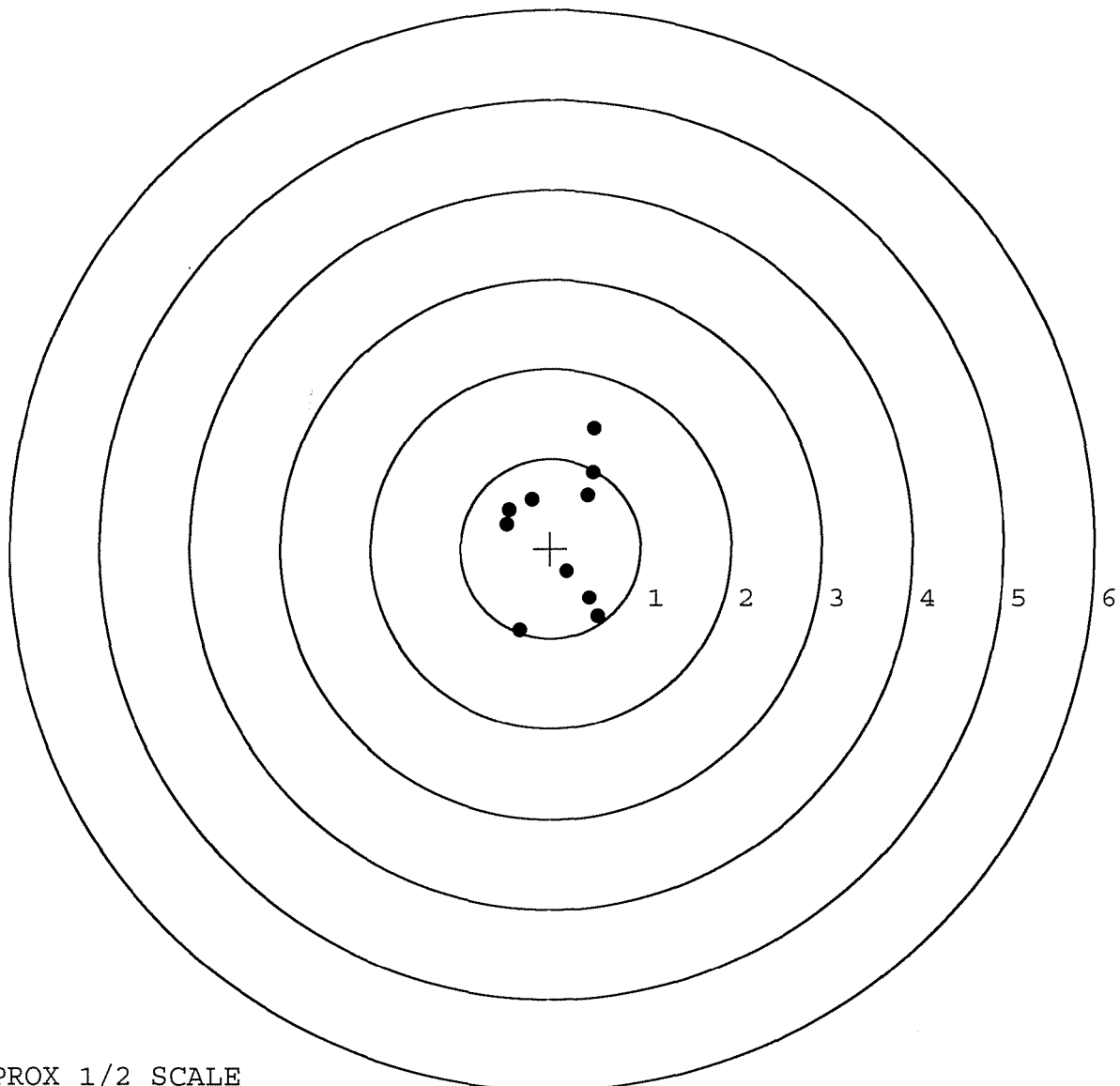
TARGET APPROX 1/2 SCALE

BARBER - M24 0143905

SERIAL NUMBER: G6635223. __0
TARGET NUMBER: 2
FILE DATE: 01/09/2007
FILE TIME: 06:13

X CENTROID: 0.102
Y CENTROID: 0.154
POA TO CENTROID: 0.185
HORZ SPREAD: 1.020
VERT SPREAD: 2.250
GROUP SPREAD: 2.398
MIN RADIUS: 0.417
MAX RADIUS: 1.240
MEAN RADIUS: 0.766
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.346	-0.916
2:	0.532	-0.754
3:	0.437	-0.551
4:	0.184	-0.255
5:	-0.488	0.269
6:	-0.210	0.542
7:	0.419	0.598
8:	0.474	0.847
9:	0.484	1.334
10:	-0.462	0.427



TARGET APPROX 1/2 SCALE

BARBER - M24 0143906

SERIAL NUMBER: G6635223. __0

TARGET NUMBER: 3

FILE DATE: 01/09/2007

FILE TIME: 06:13

X CENTROID: 0.001

Y CENTROID: -0.111

POA TO CENTROID: 0.111

HORZ SPREAD: 1.131

VERT SPREAD: 1.606

GROUP SPREAD: 1.909

MIN RADIUS: 0.060

MAX RADIUS: 0.979

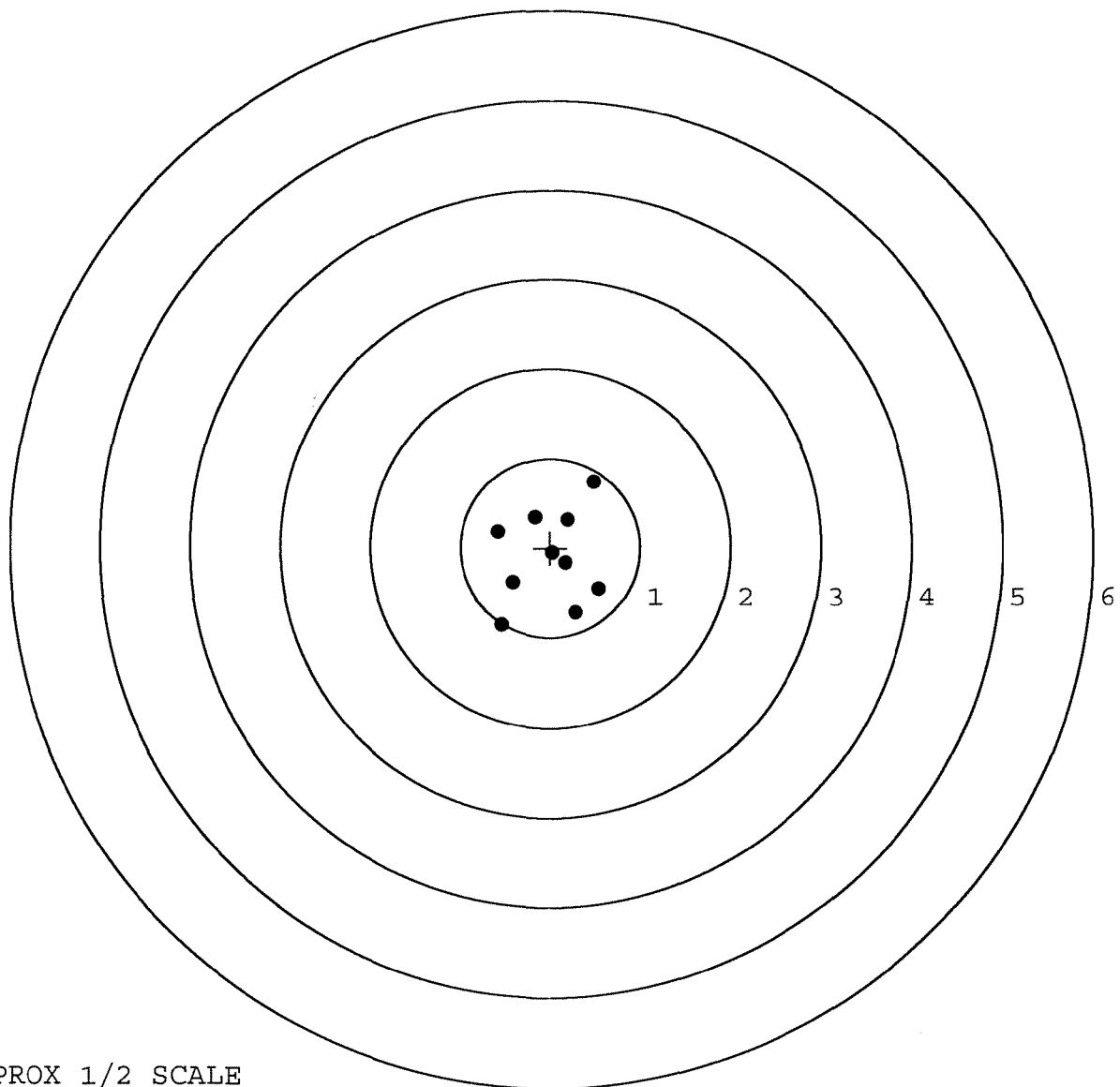
MEAN RADIUS: 0.560

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.292	-0.731
2:	0.546	-0.461
3:	-0.539	-0.870
4:	-0.420	-0.394
5:	0.171	-0.169
6:	0.025	-0.056
7:	-0.585	0.177
8:	-0.171	0.345
9:	0.194	0.317
10:	0.493	0.736



TARGET APPROX 1/2 SCALE

BARBER - M24 0143907

SERIAL NUMBER: G6635223. __0

TARGET NUMBER: 4

FILE DATE: 01/09/2007

FILE TIME: 06:13

X CENTROID: -0.013

Y CENTROID: 0.200

POA TO CENTROID: 0.200

HORZ SPREAD: 2.484

VERT SPREAD: 2.066

GROUP SPREAD: 2.566

MIN RADIUS: 0.455

MAX RADIUS: 1.611

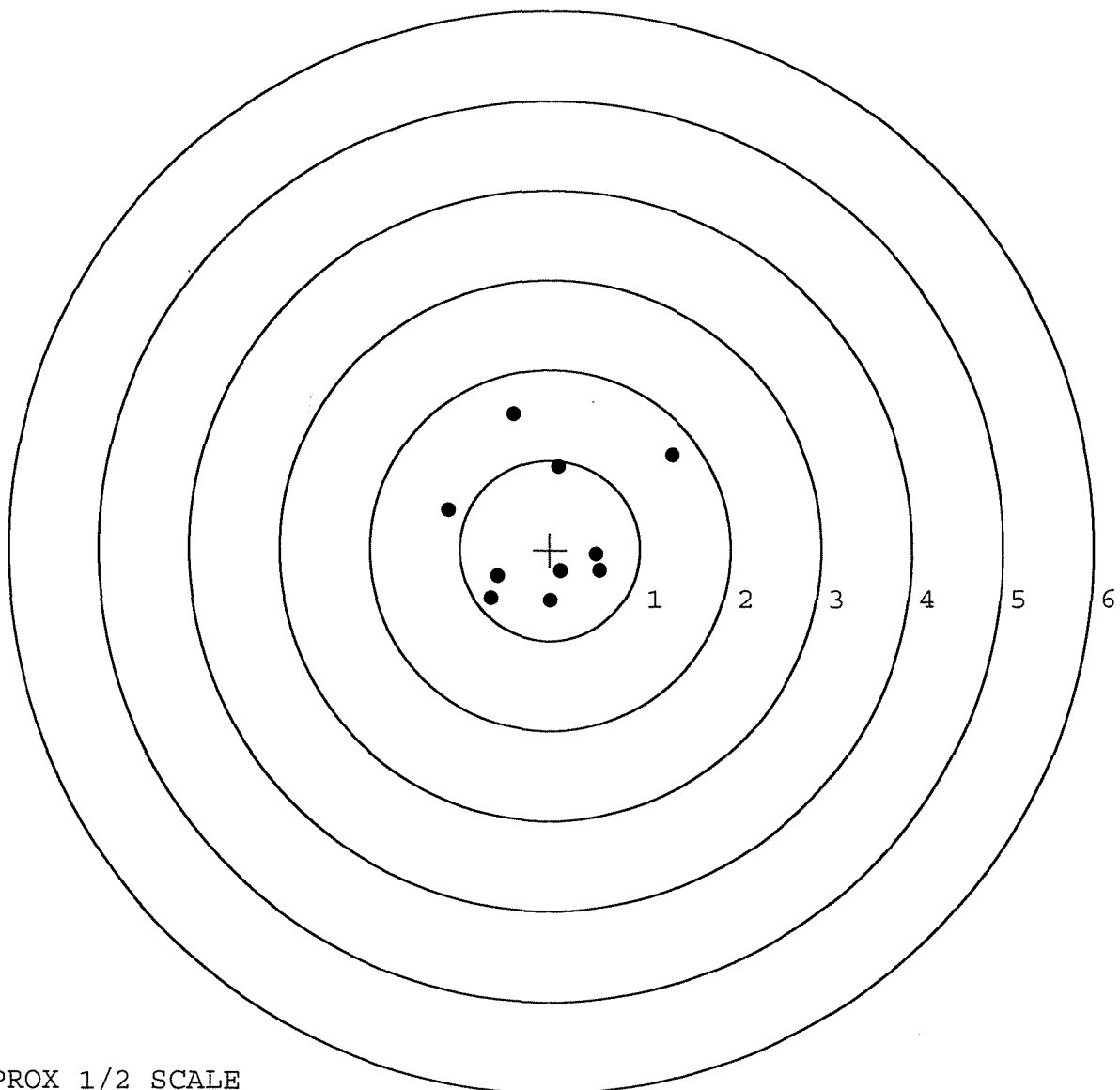
MEAN RADIUS: 0.912

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.658	-0.541
2:	-0.581	-0.299
3:	0.010	-0.560
4:	0.118	-0.236
5:	0.554	-0.236
6:	0.517	-0.057
7:	1.355	1.051
8:	0.097	0.931
9:	-1.129	0.439
10:	-0.412	1.506



TARGET APPROX 1/2 SCALE

BARBER - M24 0143908

SERIAL NUMBER: G6635223. __0

TARGET NUMBER: 5

FILE DATE: 01/09/2007

FILE TIME: 06:13

X CENTROID: 0.229

Y CENTROID: -0.175

POA TO CENTROID: 0.288

HORZ SPREAD: 3.024

VERT SPREAD: 1.797

GROUP SPREAD: 3.033

MIN RADIUS: 0.263

MAX RADIUS: 1.756

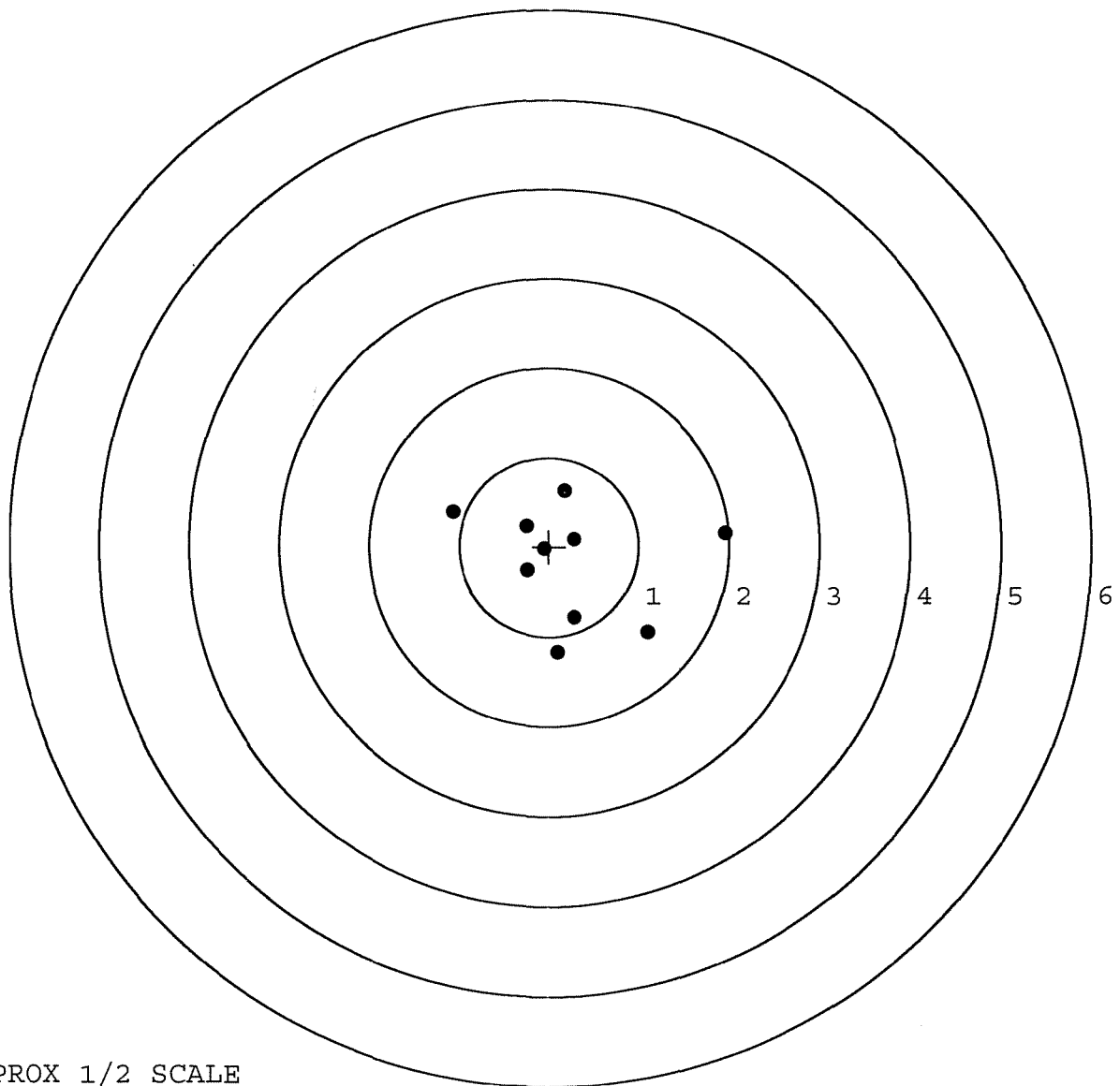
MEAN RADIUS: 0.847

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.069	0.384
2:	0.178	0.622
3:	-0.252	0.230
4:	0.284	0.083
5:	-0.060	-0.031
6:	-0.246	-0.262
7:	1.955	0.150
8:	1.104	-0.957
9:	0.292	-0.790
10:	0.106	-1.175

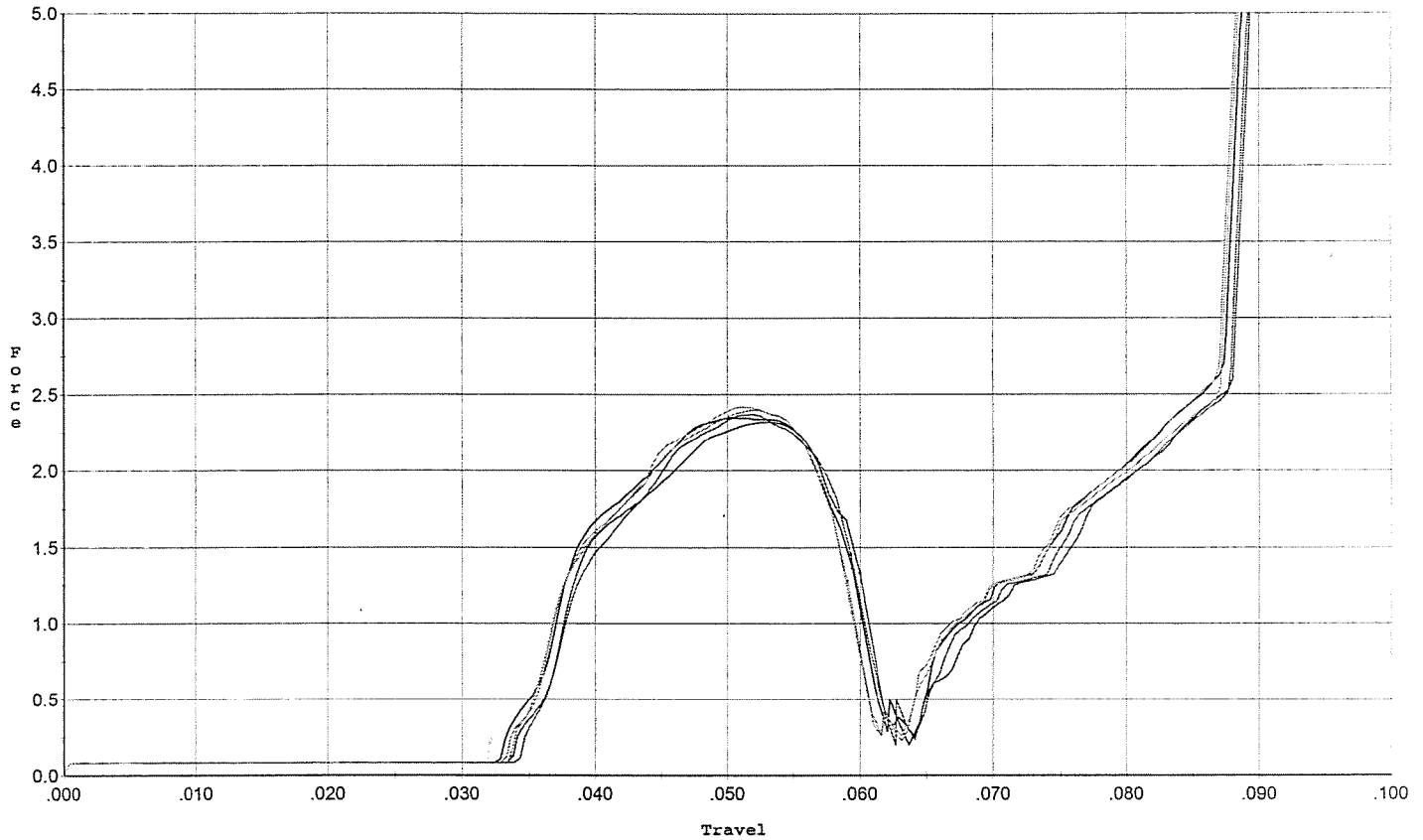


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



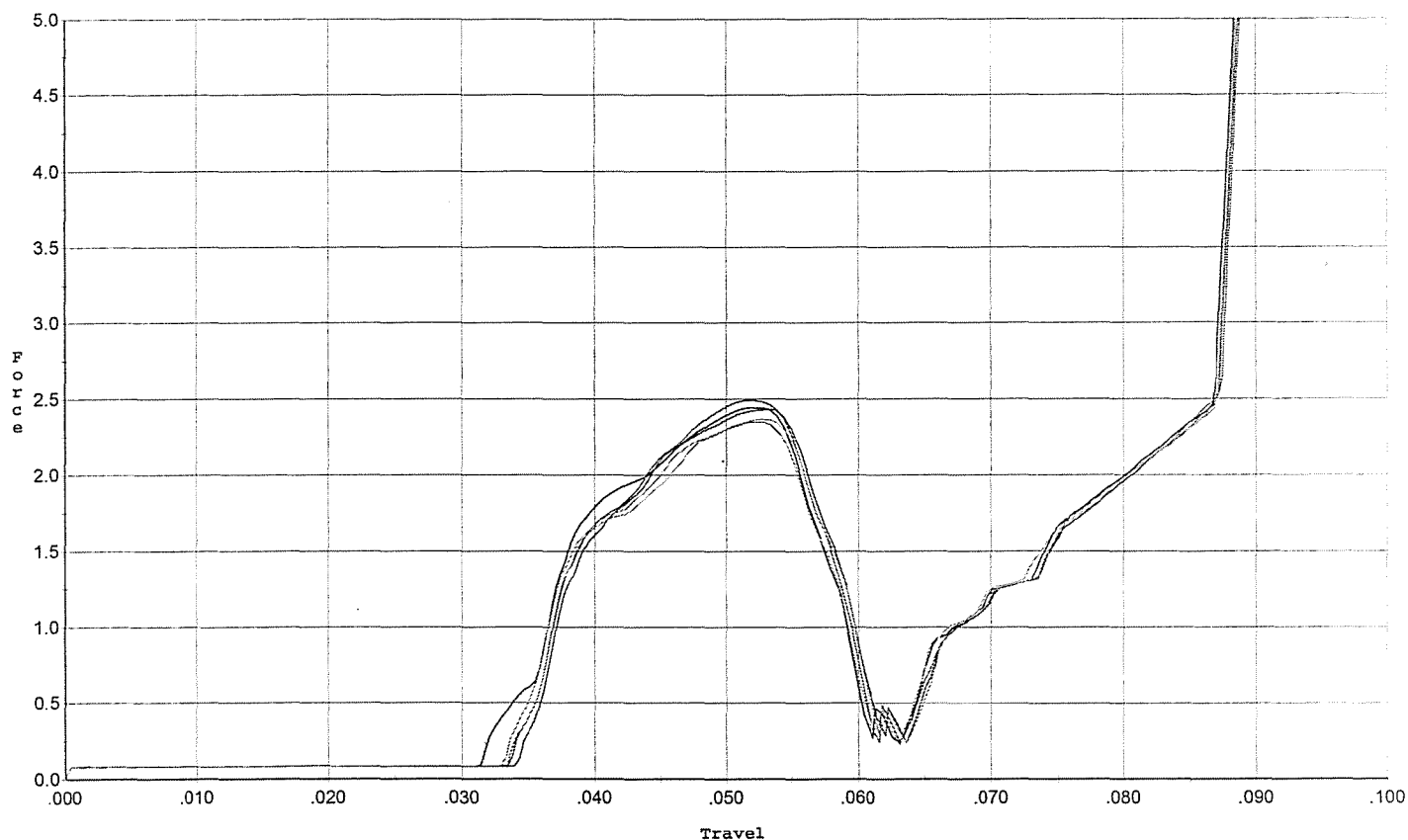
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.318	0.060	0.034	0.037	0.048		Set Trigger
2	2.347	0.059	0.033	0.036	0.050		Set Trigger
3	2.368	0.059	0.035	0.037	0.047		Set Trigger
4	2.416	0.059	0.034	0.036	0.049		Set Trigger
5	2.399	0.059	0.034	0.036	0.049		Set Trigger

Avg 2.37

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



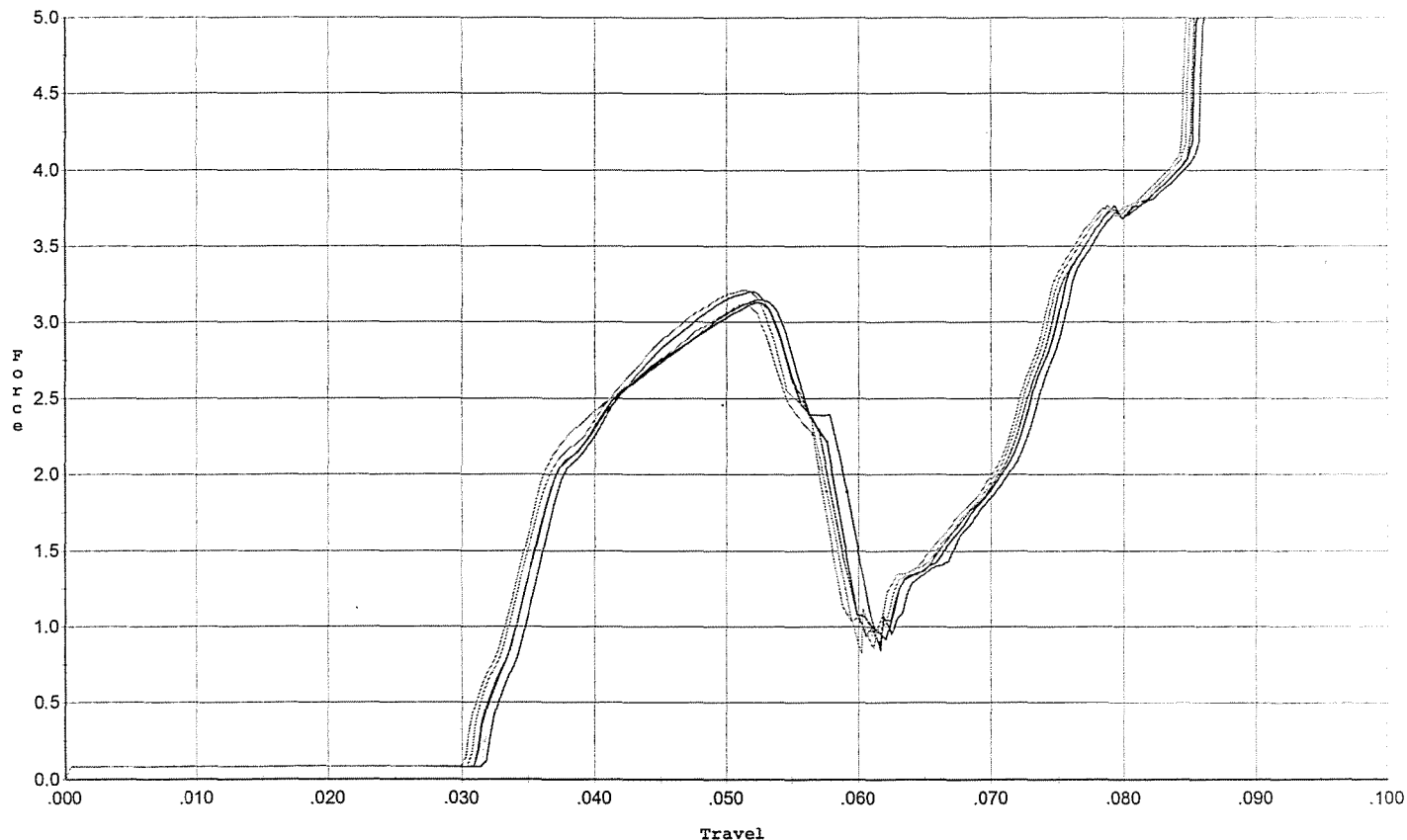
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.433	0.059	0.035	0.036	0.048		Set Trigger
2	2.445	0.059	0.032	0.036	0.049		Set Trigger
3	2.491	0.059	0.034	0.036	0.049		Set Trigger
4	2.367	0.059	0.034	0.036	0.047		Set Trigger
5	2.350	0.059	0.033	0.036	0.047		Set Trigger

Aug 2.41

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



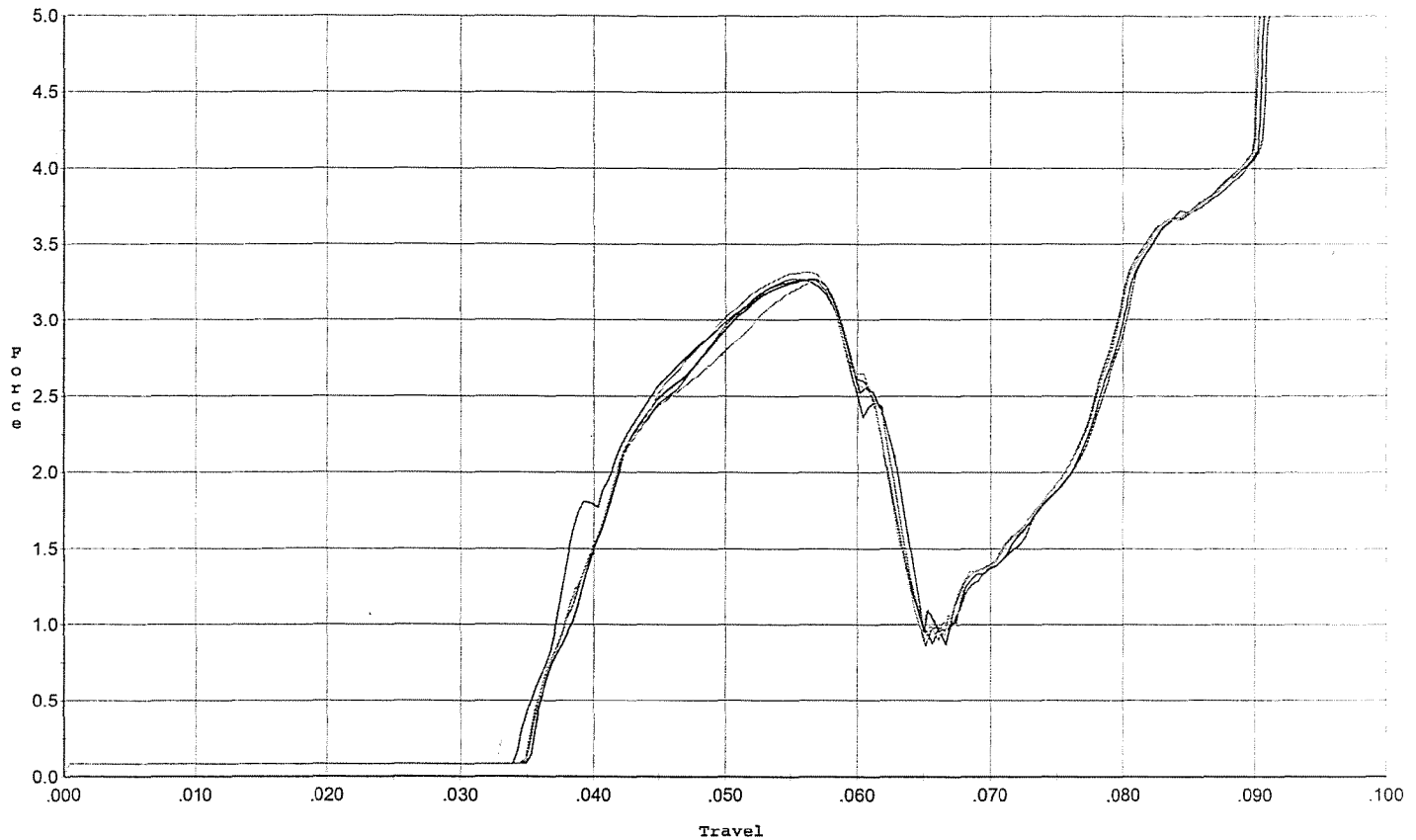
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.150	0.059	0.032	0.033	0.066		Set Trigger
2	3.133	0.058	0.031	0.033	0.065		Set Trigger
3	3.200	0.057	0.031	0.033	0.064		Set Trigger
4	3.211	0.058	0.031	0.033	0.066		Set Trigger
5	3.123	0.057	0.030	0.033	0.064		Set Trigger

Aug 3.16

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



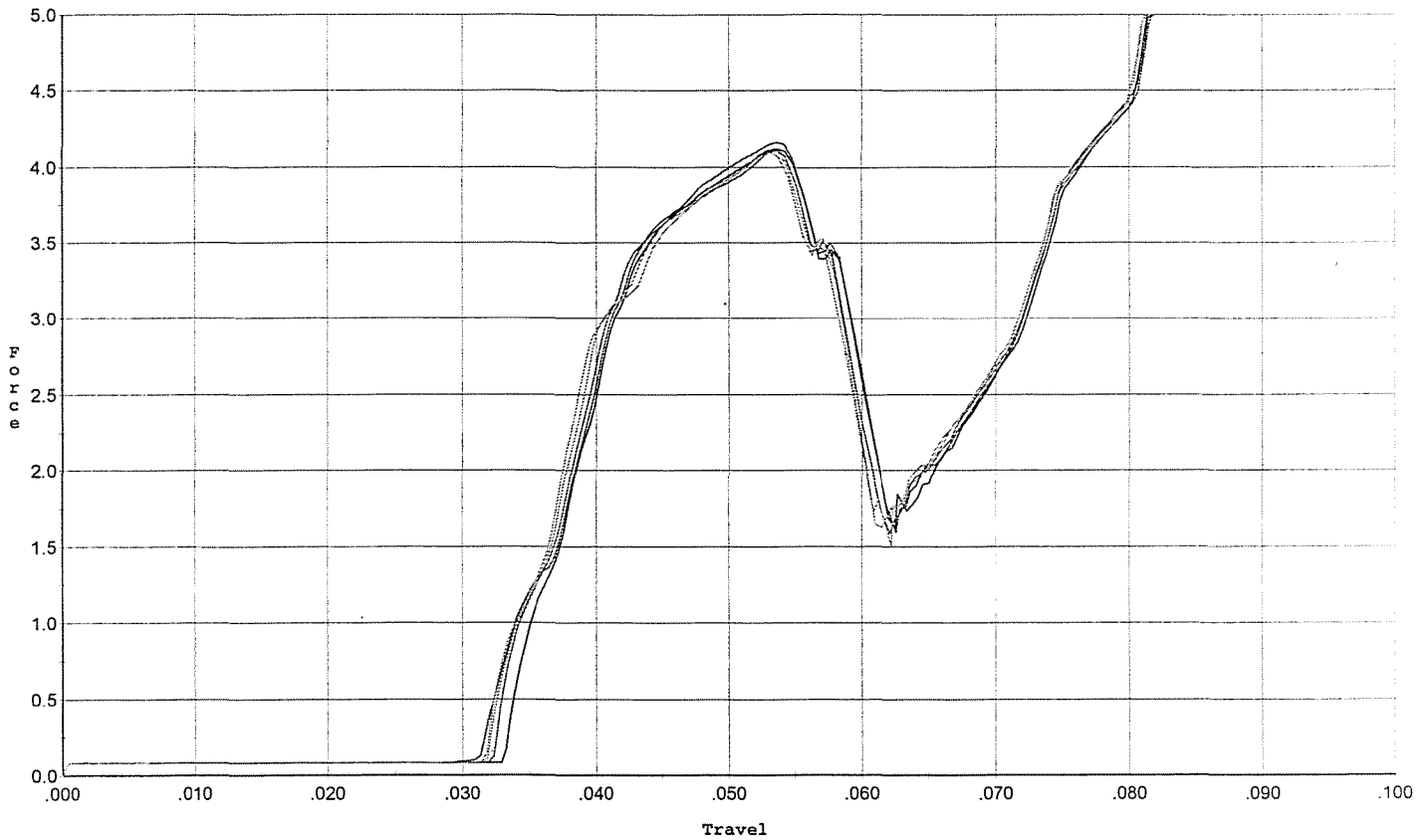
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.266	0.063	0.034	0.035	0.072		Set Trigger
2	3.270	0.062	0.035	0.035	0.068		Set Trigger
3	3.272	0.061	0.035	0.035	0.067		Set Trigger
4	3.316	0.061	0.035	0.035	0.068		Set Trigger
5	3.266	0.062	0.035	0.035	0.067		Set Trigger

Aug 3.27

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



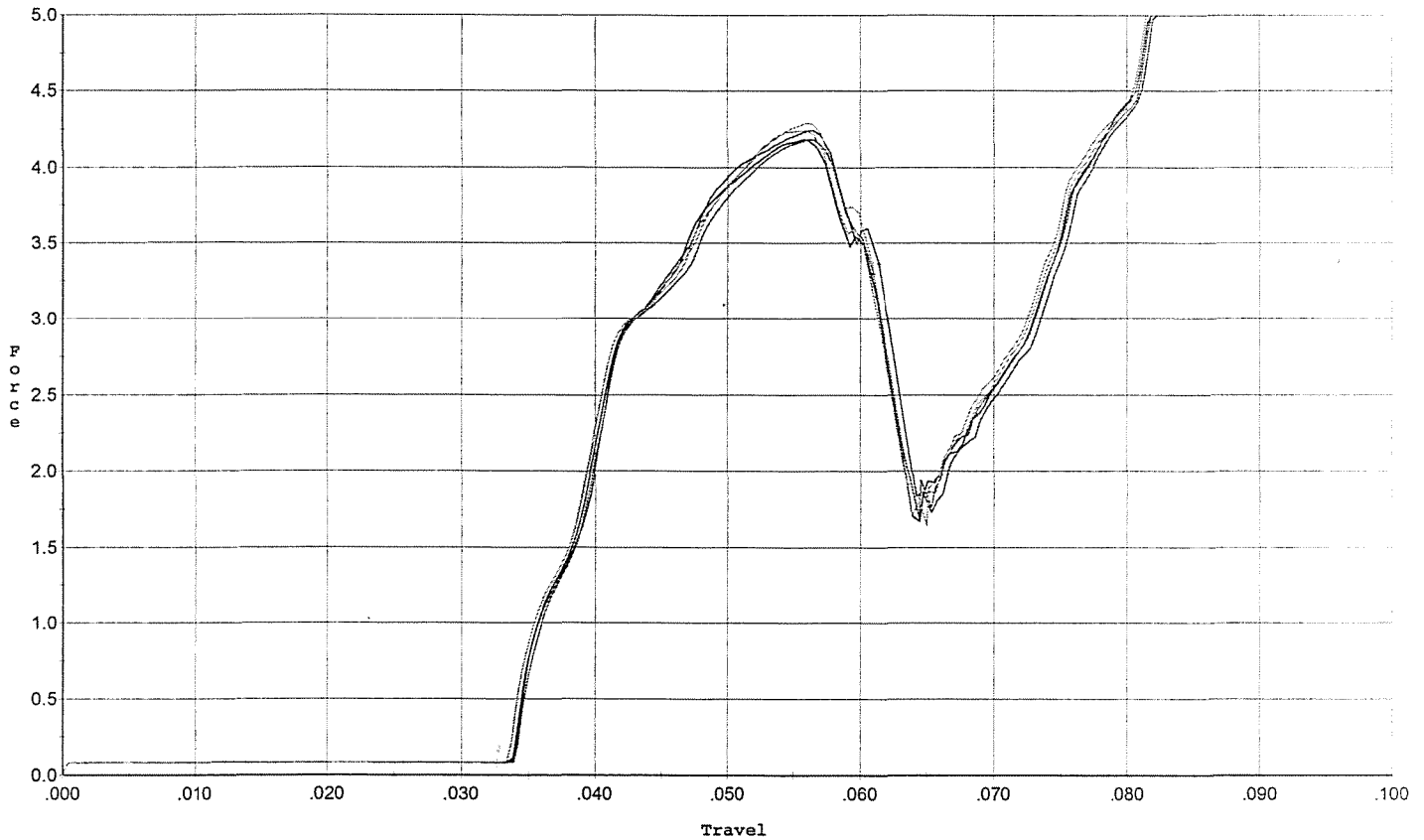
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.163	0.058	0.032	0.028	0.084		Set Trigger
2	4.120	0.060	0.033	0.028	0.085		Set Trigger
3	4.107	0.058	0.033	0.029	0.082		Set Trigger
4	4.118	0.058	0.032	0.028	0.082		Set Trigger
5	4.098	0.059	0.032	0.028	0.083		Set Trigger

Aug 4.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



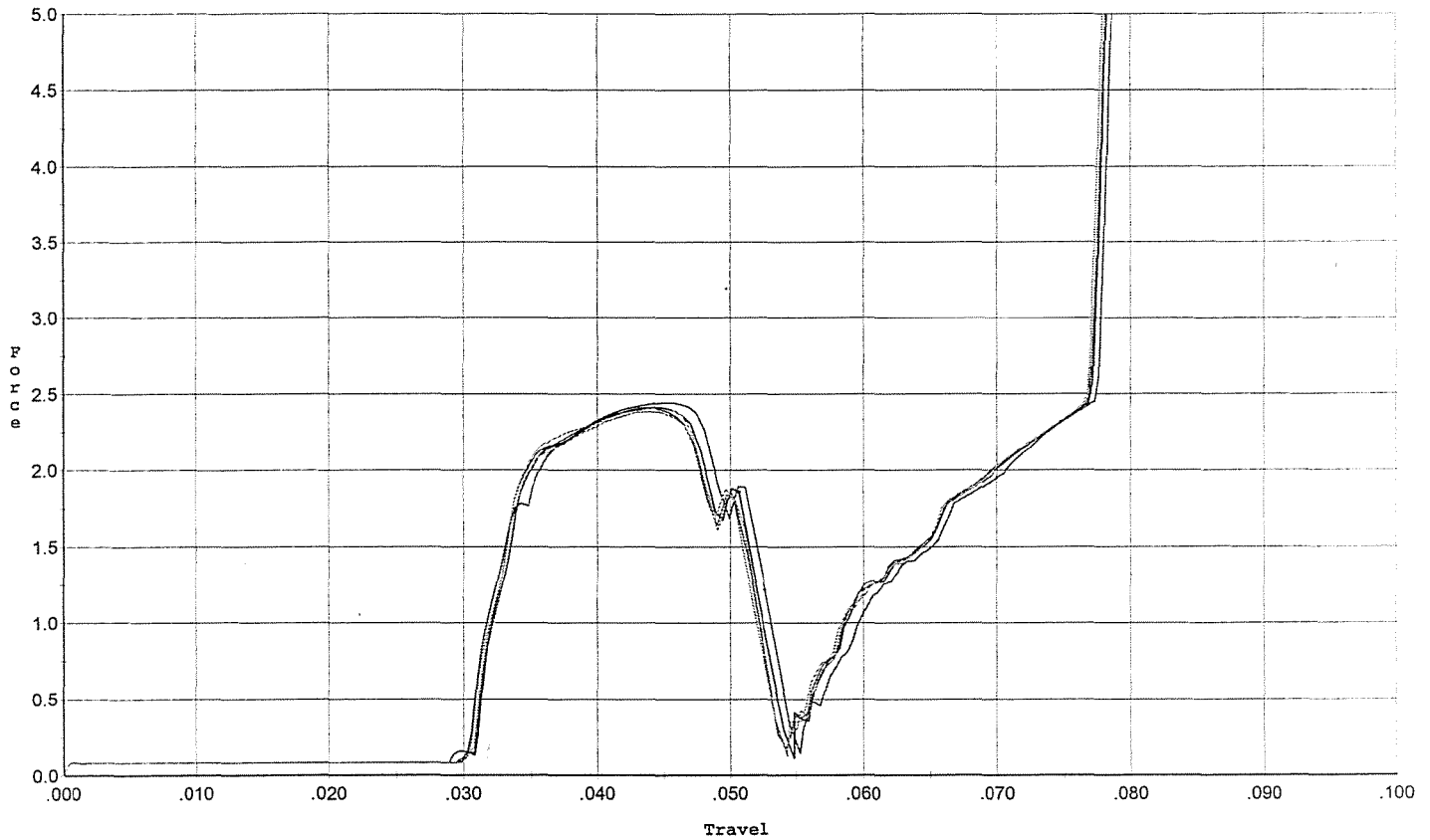
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.243	0.061	0.034	0.026	0.089		Set Trigger
2	4.181	0.061	0.034	0.026	0.088		Set Trigger
3	4.186	0.061	0.034	0.026	0.086		Set Trigger
4	4.291	0.061	0.034	0.026	0.089		Set Trigger
5	4.243	0.062	0.034	0.026	0.089		Set Trigger

Aug 4.22

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



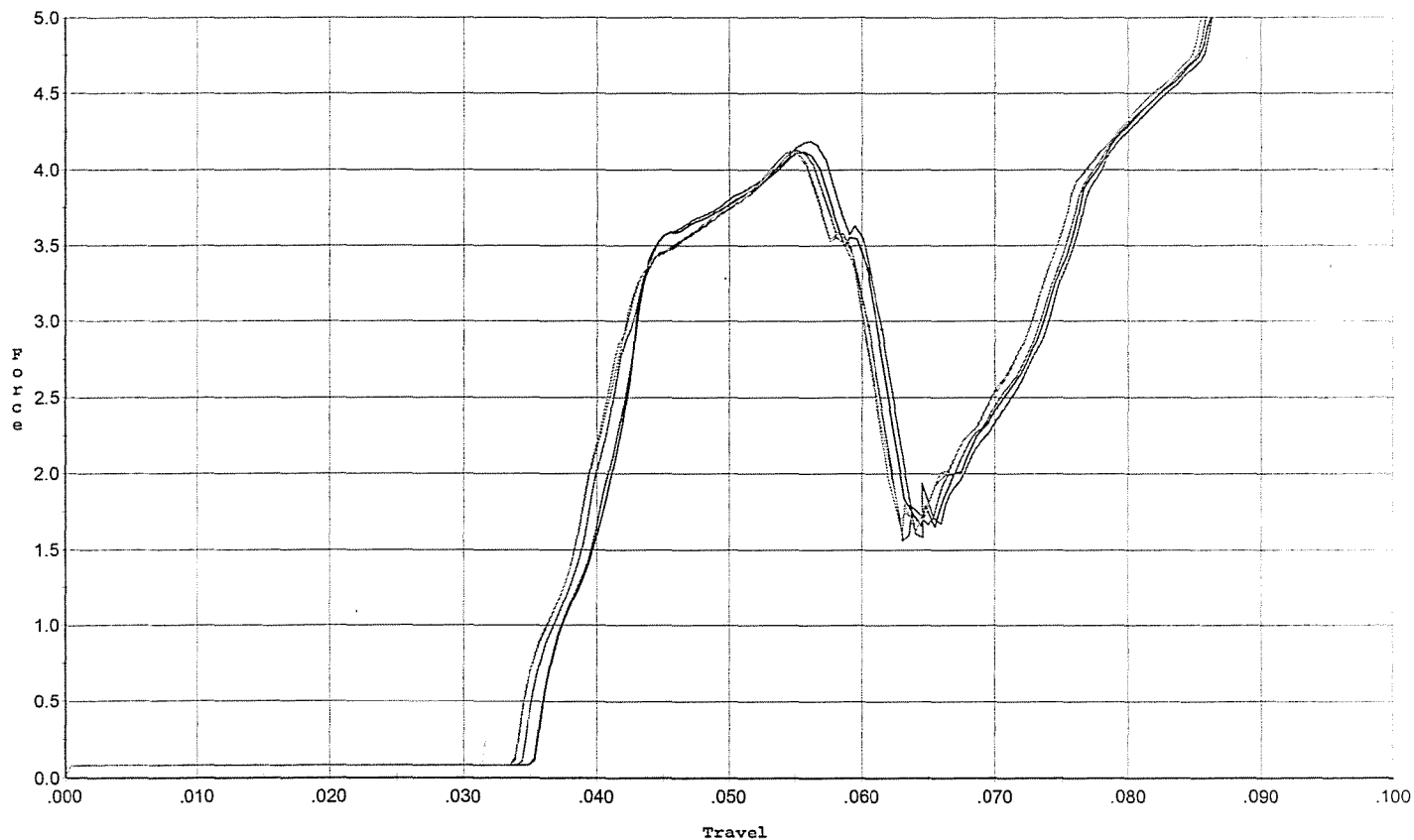
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.445	0.053	0.029	0.032	0.047		Set Trigger
2	2.412	0.051	0.030	0.033	0.043		Set Trigger
3	2.412	0.051	0.031	0.033	0.044		Set Trigger
4	2.409	0.050	0.031	0.033	0.043		Set Trigger
5	2.385	0.051	0.030	0.033	0.043		Set Trigger

Aug 2.41

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/27/06

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.187	0.062	0.036	0.030	0.085		Set Trigger
2	4.119	0.060	0.036	0.031	0.082		Set Trigger
3	4.127	0.060	0.035	0.031	0.083		Set Trigger
4	4.126	0.059	0.034	0.031	0.081		Set Trigger
5	4.118	0.059	0.034	0.031	0.082		Set Trigger

Aug 4.13