

BARBER - M24 0141411

G662 4725

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



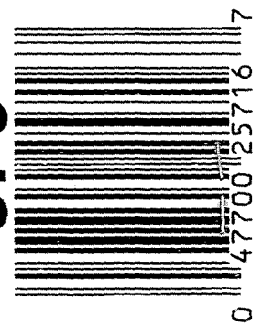
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6624725

UPC



BARBER - M24 0141413

SERIAL NO.

66624725



0 47700 25716 7



UPC

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

ORDER 25716

0 47700 25716 7



UPC

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

ORDER 25716

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 014141452

BARBER - M24 0141414 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 662 4725

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-27-06	RTZ
420	ASSEMBLE ACTION		12-28-06	RTZ
430	ASSEMBLE TO STOCK		12-28-06	RTZ
440	PROOF		12/28/06	non
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	12/28/06	non
470	DIS-ASSEMBLE ACTION	JAN 04 2007	1-2-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	1-4-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-4-07	CW
510	DRILL AND TAP SIGHT HOLES		1-3-07	TRW
520	GOFF BLAST BBL / REC		1-4-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/12/07	TS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-17-07	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-17-07	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-17-07	RTZ
	D) OIL FIRING PIN ASSEMBLY		1-17-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/19/07	non

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>5.75</u> <u>5.75</u>	2-19-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.25</u>	2-19-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		2/19/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.025⁵</u> <u>.026</u> <u>.025⁵</u>	2-19-07	TRW
	J) ASSEMBLE STOCK		1-17-07	RZ
	K) ASSEMBLE SWIVEL STUDS		2/19/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/19/07	non
	M) IRON SIGHT ALIGNMENT		2/19/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/19/07	non
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	1-24-07	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1/24/07	non
670	FINAL INSPECTION A) HEADSPACE		2/19/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.56</u> <u>2.28</u> <u>2.40</u> <u>2.34</u> <u>2.54</u>	2-16-07	TRW
	C) FUNCTION		2/19/07	non
690	PACK		2/23/07	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0141415~~ 41454

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6624725.____0

FILE DATE AND TIME: 01/25/2007 07:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.083
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.104
The Average Mean Radius of the Five Target Set:	0.734
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.306
The Distance from Centroid Target #3 to Centroid Target #1:	0.222
The Distance from Centroid Target #4 to Centroid Target #1:	0.334
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

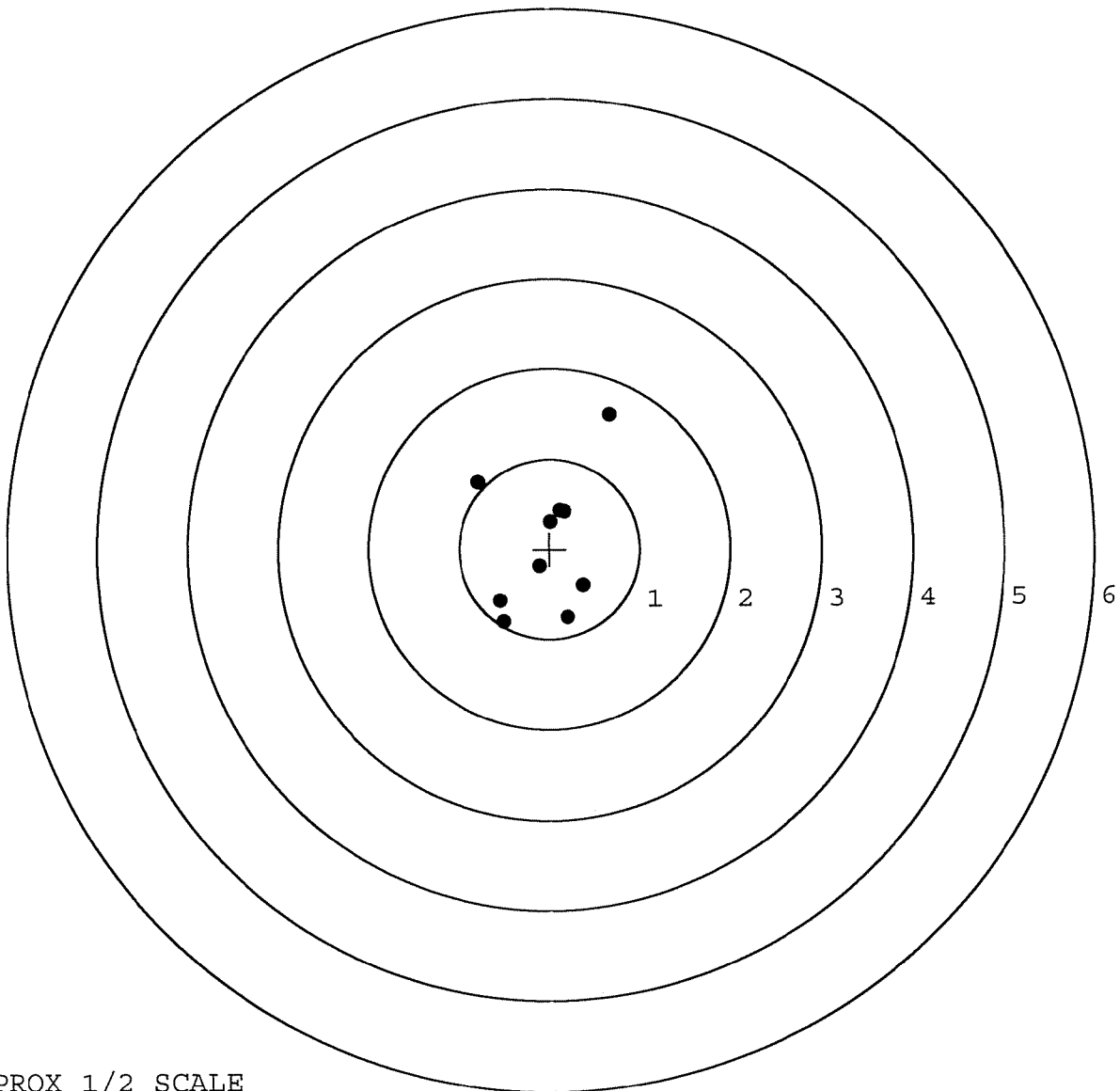
BARBER - M24 0141417

SERIAL NUMBER: G6624725. __0
TARGET NUMBER: 1
FILE DATE: 01/25/2007
FILE TIME: 07:46

X CENTROID: -0.042
Y CENTROID: 0.062
POA TO CENTROID: 0.075
HORZ SPREAD: 1.460
VERT SPREAD: 2.293
GROUP SPREAD: 2.580
MIN RADIUS: 0.250
MAX RADIUS: 1.587
MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.671	1.480
2:	-0.789	0.745
3:	0.171	-0.414
4:	0.013	0.306
5:	0.201	-0.764
6:	0.376	-0.405
7:	-0.118	-0.193
8:	-0.511	-0.813
9:	-0.548	-0.576
10:	0.117	0.427



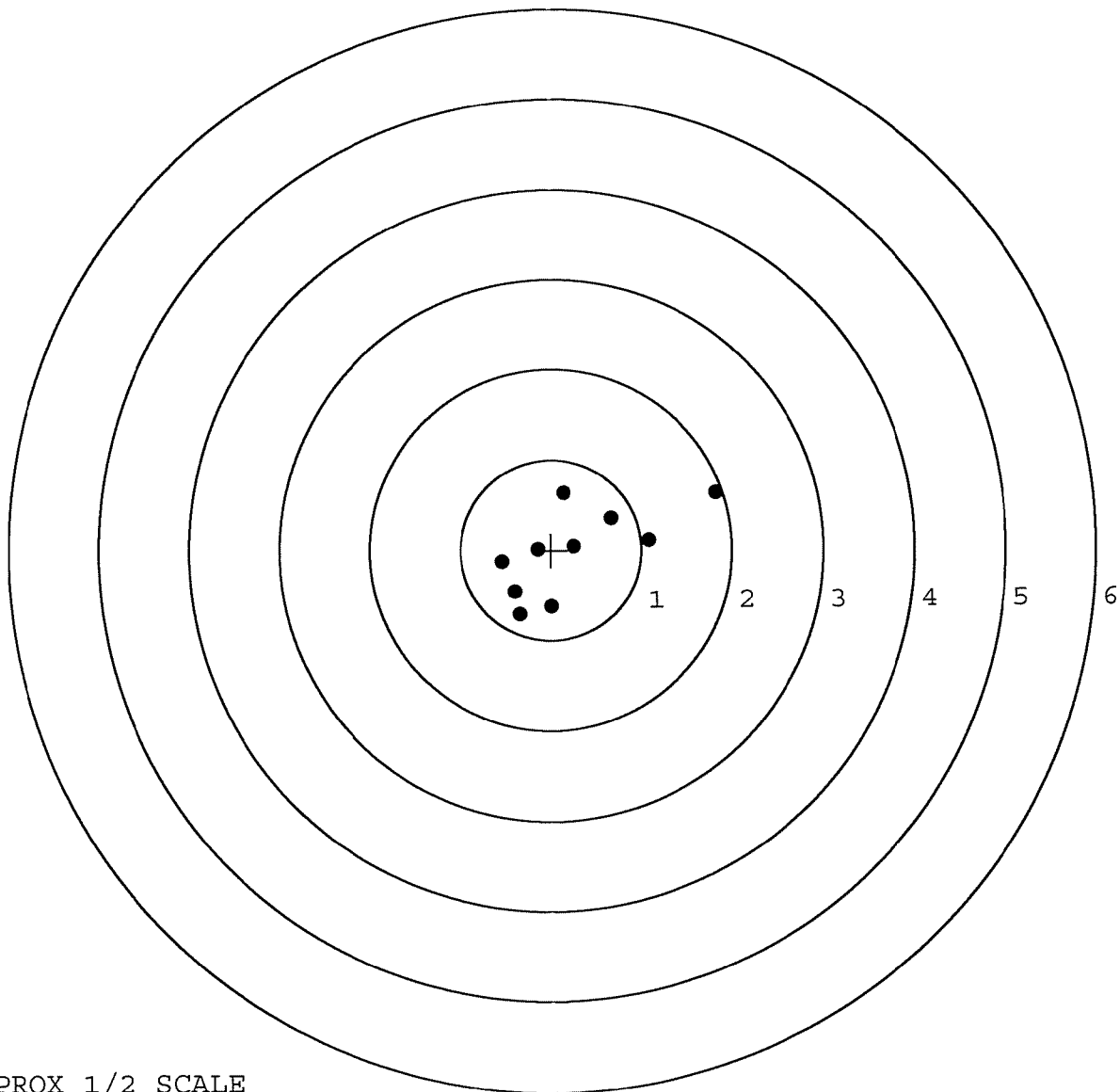
TARGET APPROX 1/2 SCALE

BARBER - M24 0141418

SERIAL NUMBER: G6624725. __0
TARGET NUMBER: 2
FILE DATE: 01/25/2007
FILE TIME: 07:46

X CENTROID: 0.254
Y CENTROID: -0.017
POA TO CENTROID: 0.254
HORZ SPREAD: 2.365
VERT SPREAD: 1.346
GROUP SPREAD: 2.555
MIN RADIUS: 0.060
MAX RADIUS: 1.697
MEAN RADIUS: 0.739
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.350	-0.716
2:	-0.402	-0.463
3:	-0.004	-0.627
4:	-0.542	-0.128
5:	-0.147	0.008
6:	0.146	0.630
7:	0.256	0.043
8:	0.672	0.348
9:	1.084	0.109
10:	1.823	0.628



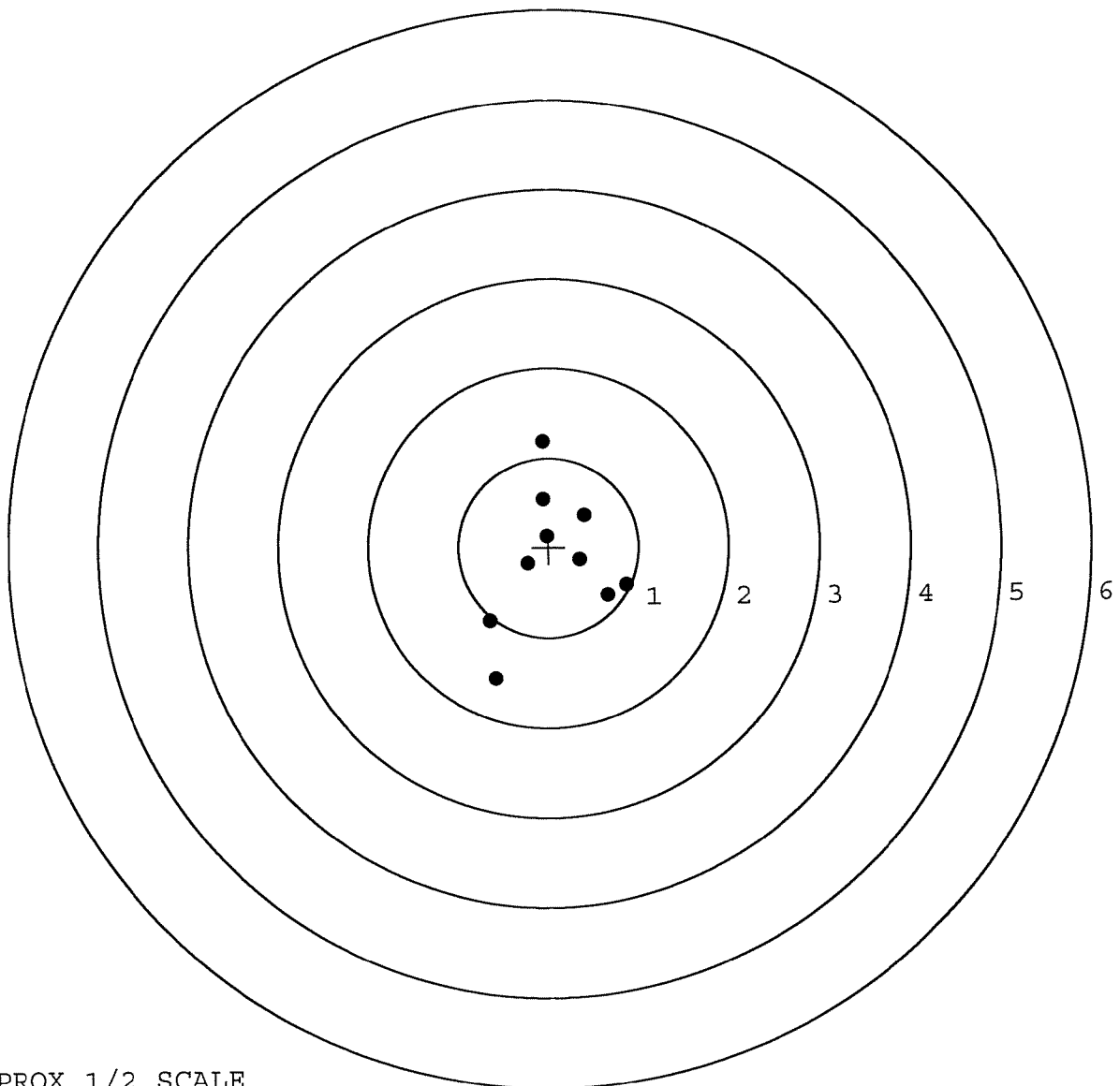
TARGET APPROX 1/2 SCALE

BARBER - M24 0141419

SERIAL NUMBER: G6624725. __0
TARGET NUMBER: 3
FILE DATE: 01/25/2007
FILE TIME: 07:46

X CENTROID: 0.063
Y CENTROID: -0.134
POA TO CENTROID: 0.148
HORZ SPREAD: 1.515
VERT SPREAD: 2.632
GROUP SPREAD: 2.684
MIN RADIUS: 0.274
MAX RADIUS: 1.468
MEAN RADIUS: 0.749
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.594	-1.447
2:	-0.655	-0.815
3:	0.860	-0.421
4:	0.654	-0.538
5:	0.350	-0.144
6:	-0.023	0.126
7:	-0.237	-0.183
8:	0.401	0.360
9:	-0.062	0.535
10:	-0.066	1.185



TARGET APPROX 1/2 SCALE

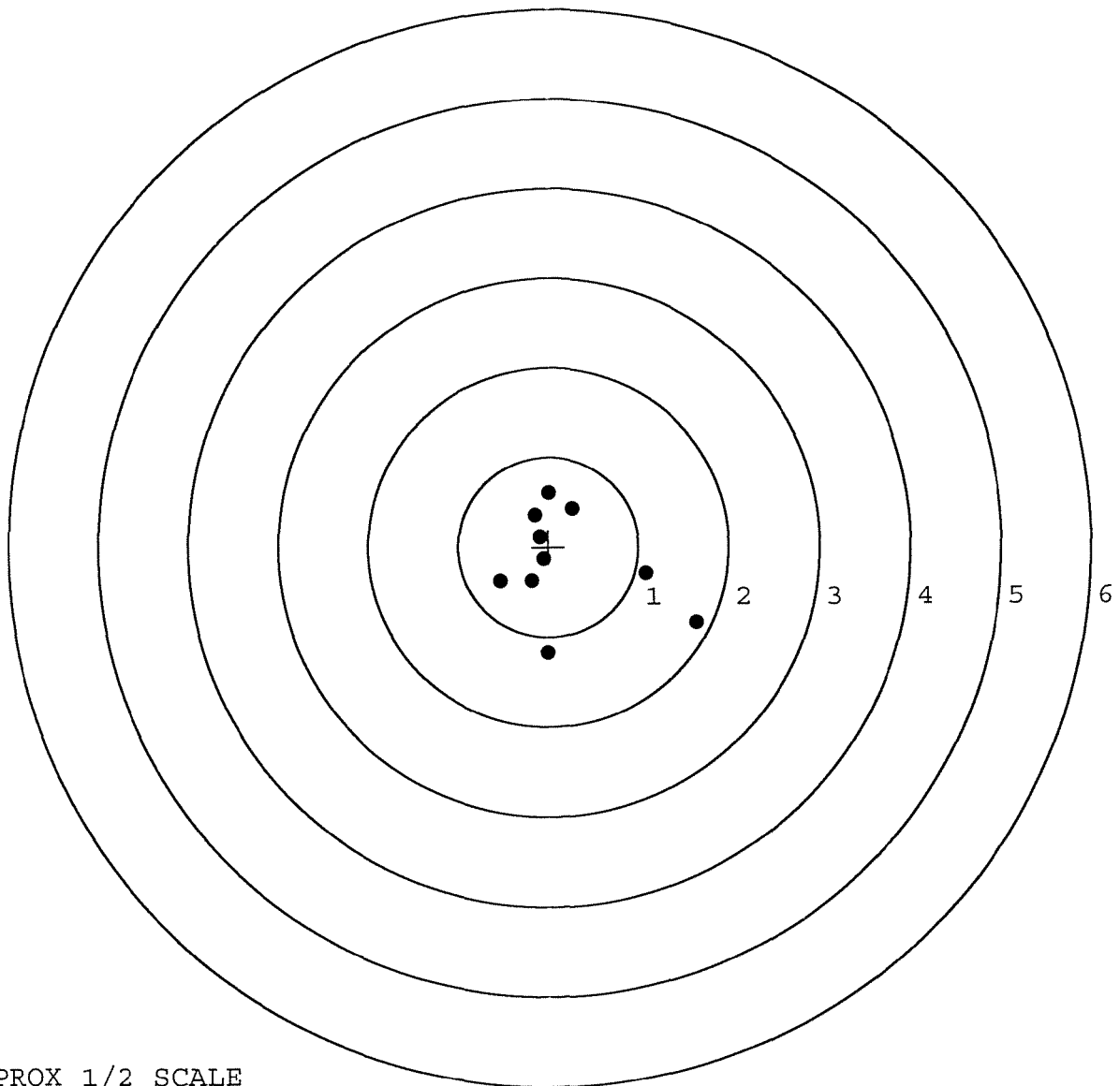
BARBER - M24 0141420

SERIAL NUMBER: G6624725. __0
TARGET NUMBER: 4
FILE DATE: 01/25/2007
FILE TIME: 07:46

X CENTROID: 0.195
Y CENTROID: -0.173
POA TO CENTROID: 0.261
HORZ SPREAD: 2.180
VERT SPREAD: 1.782
GROUP SPREAD: 2.229
MIN RADIUS: 0.254
MAX RADIUS: 1.594
MEAN RADIUS: 0.741

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.642	-0.843
2:	1.086	-0.295
3:	-0.010	-1.184
4:	-0.538	-0.378
5:	-0.193	-0.380
6:	-0.056	-0.134
7:	-0.095	0.109
8:	-0.154	0.350
9:	0.270	0.422
10:	0.001	0.598



TARGET APPROX 1/2 SCALE

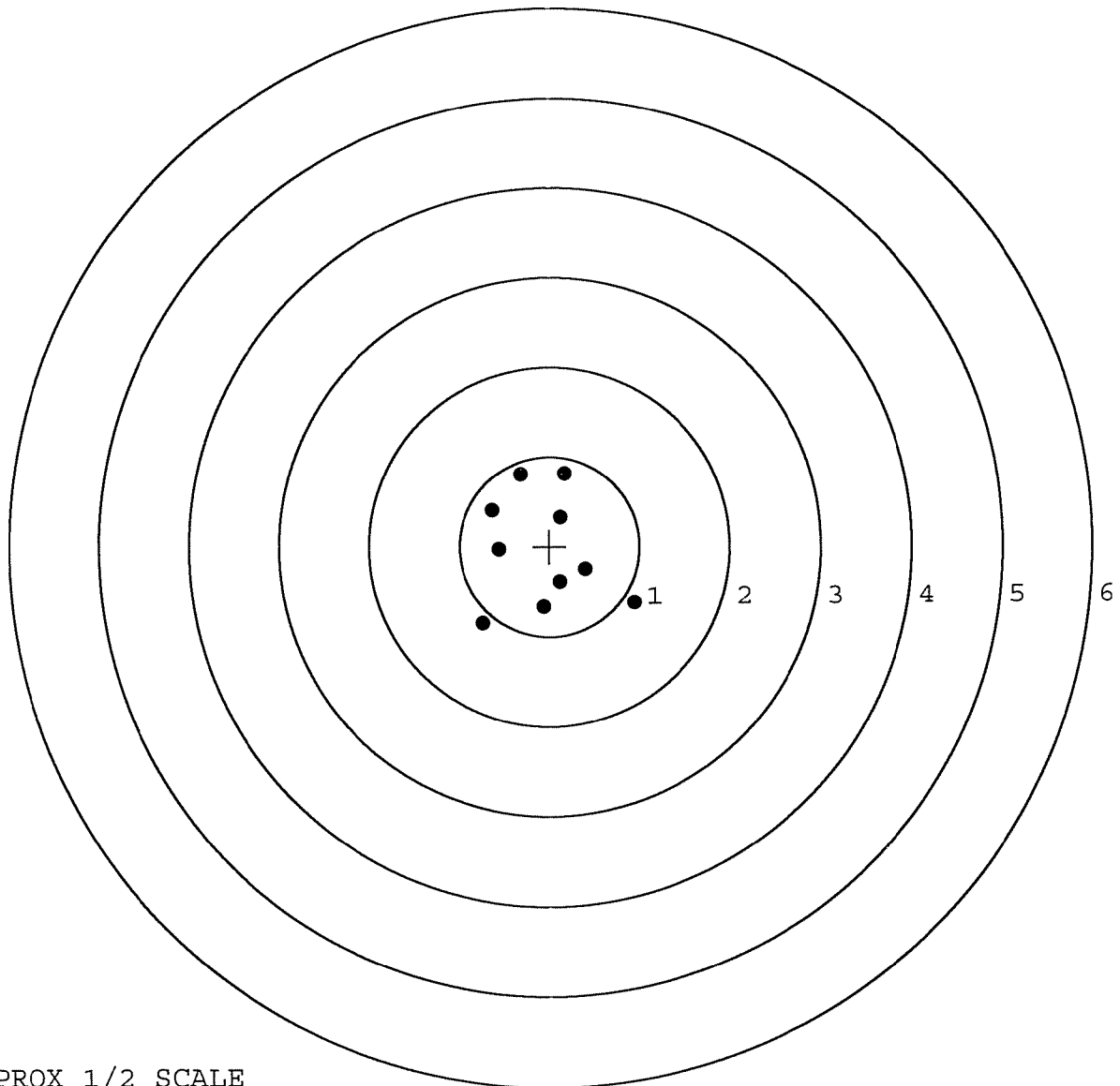
BARBER - M24 0141421

SERIAL NUMBER: G6624725. __0
TARGET NUMBER: 5
FILE DATE: 01/25/2007
FILE TIME: 07:46

X CENTROID: -0.057
Y CENTROID: -0.051
POA TO CENTROID: 0.077
HORZ SPREAD: 1.683
VERT SPREAD: 1.673
GROUP SPREAD: 1.915
MIN RADIUS: 0.388
MAX RADIUS: 1.154
MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.325	0.806
2:	0.173	0.813
3:	-0.638	0.405
4:	0.126	0.320
5:	-0.562	-0.039
6:	-0.742	-0.860
7:	-0.070	-0.674
8:	0.119	-0.397
9:	0.404	-0.256
10:	0.941	-0.631

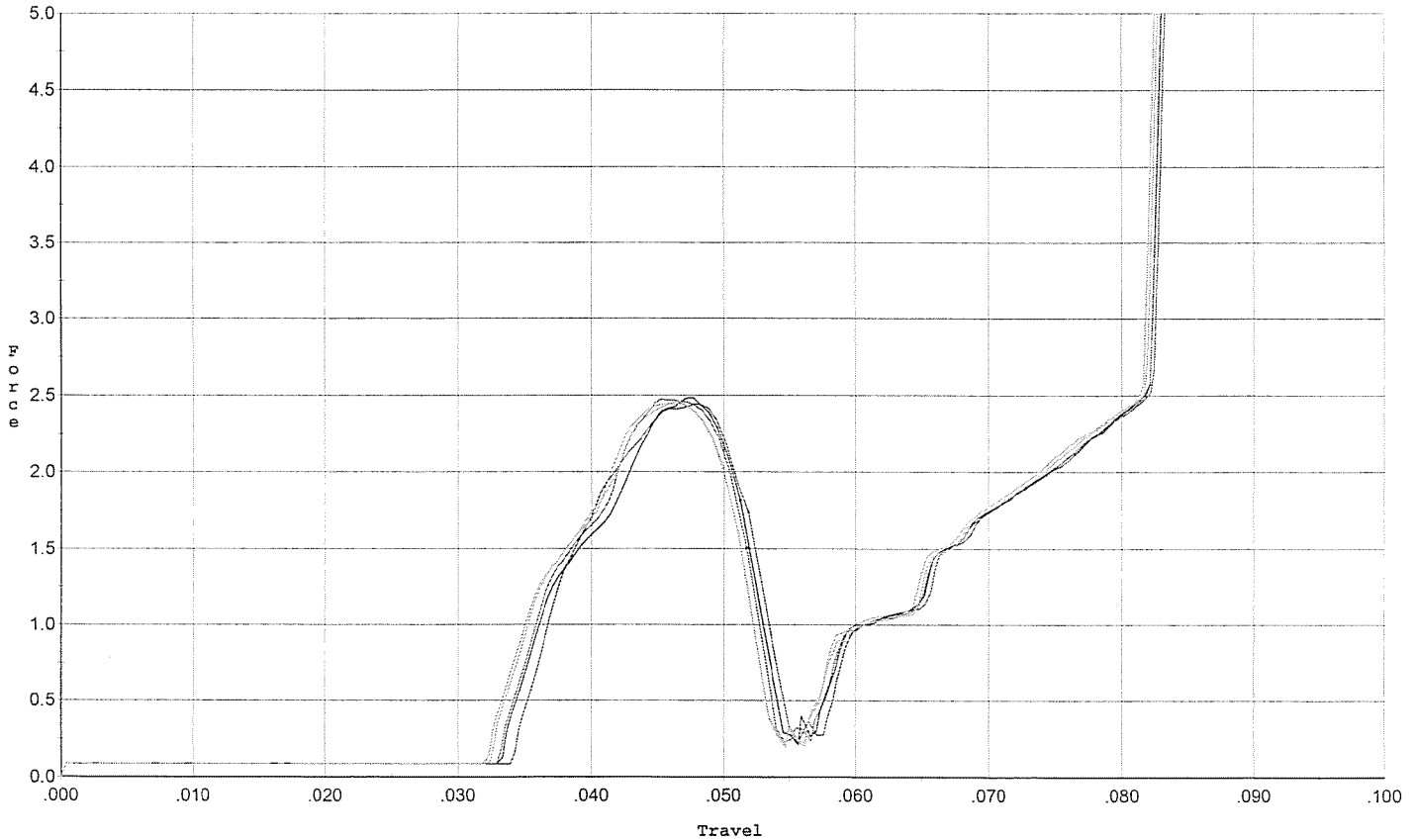


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/16/07

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



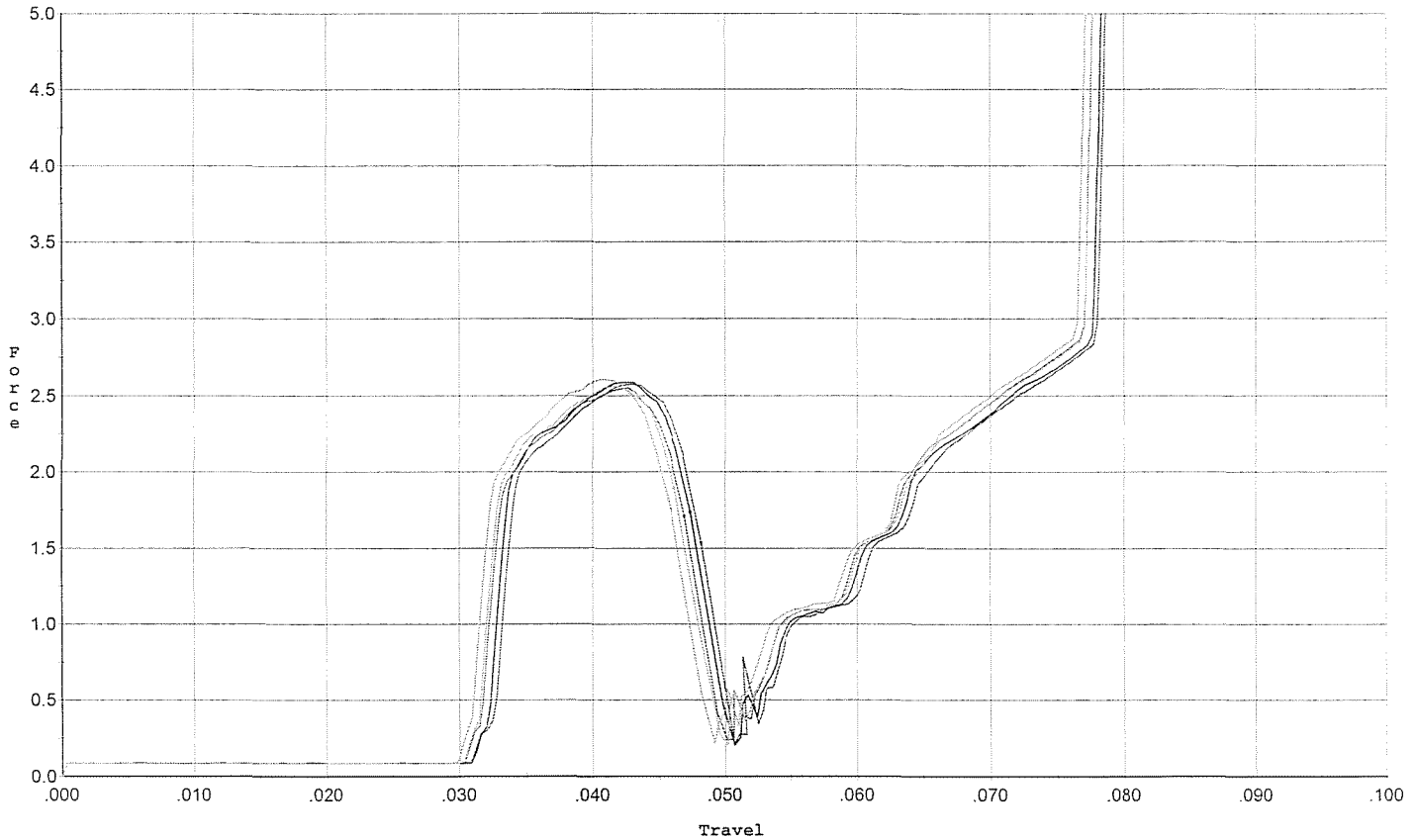
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.446	0.052	0.034	0.037	0.036		Set Trigger
2	2.482	0.051	0.034	0.037	0.035		Set Trigger
3	2.475	0.052	0.033	0.037	0.036		Set Trigger
4	2.446	0.051	0.033	0.037	0.036		Set Trigger
5	2.457	0.051	0.032	0.036	0.036		Set Trigger

Aug 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/16/07

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



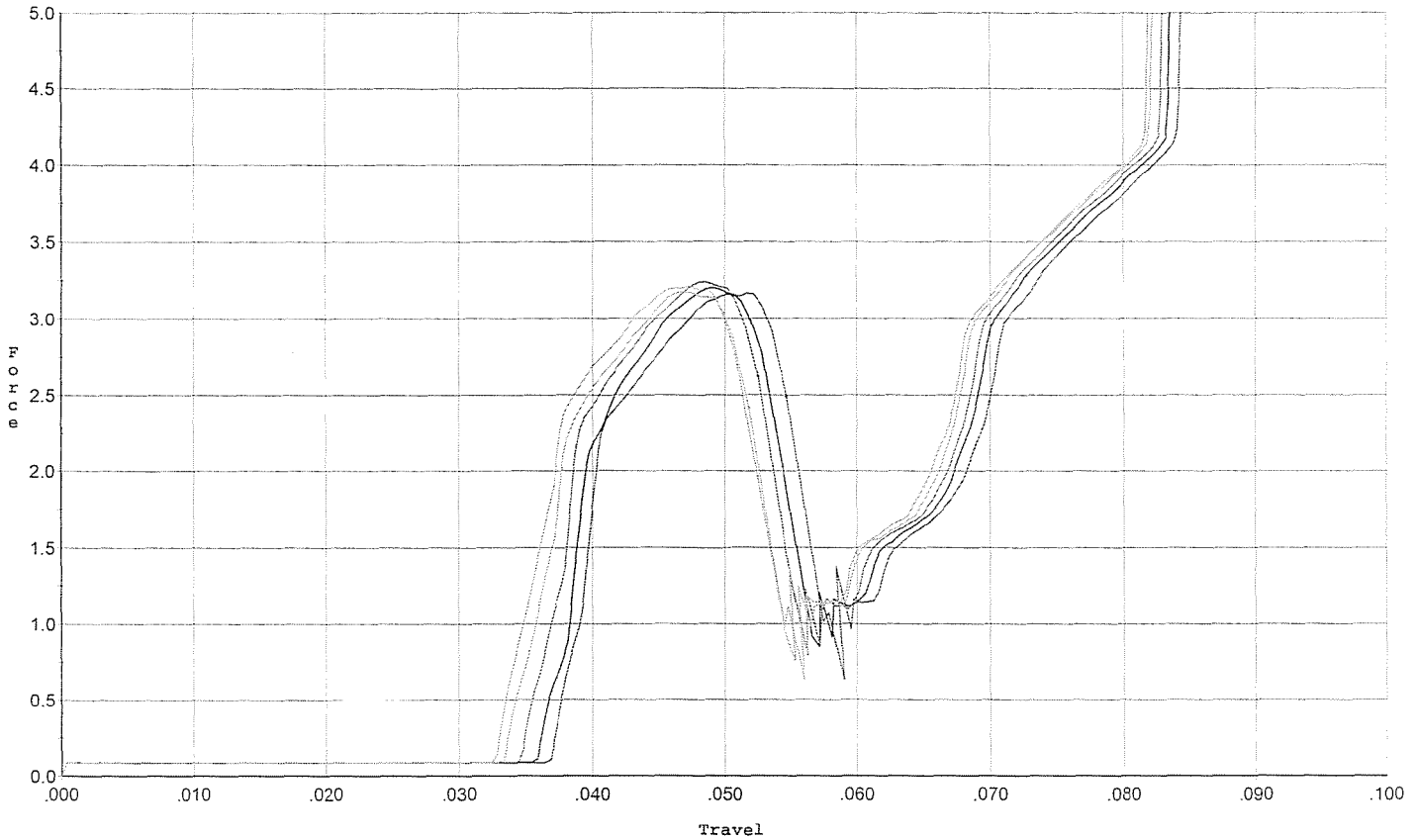
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.573	0.048	0.031	0.035	0.038		Set Trigger
2	2.585	0.047	0.031	0.035	0.037		Set Trigger
3	2.553	0.047	0.031	0.035	0.037		Set Trigger
4	2.561	0.046	0.031	0.035	0.036		Set Trigger
5	2.604	0.046	0.030	0.035	0.037		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/16/07

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



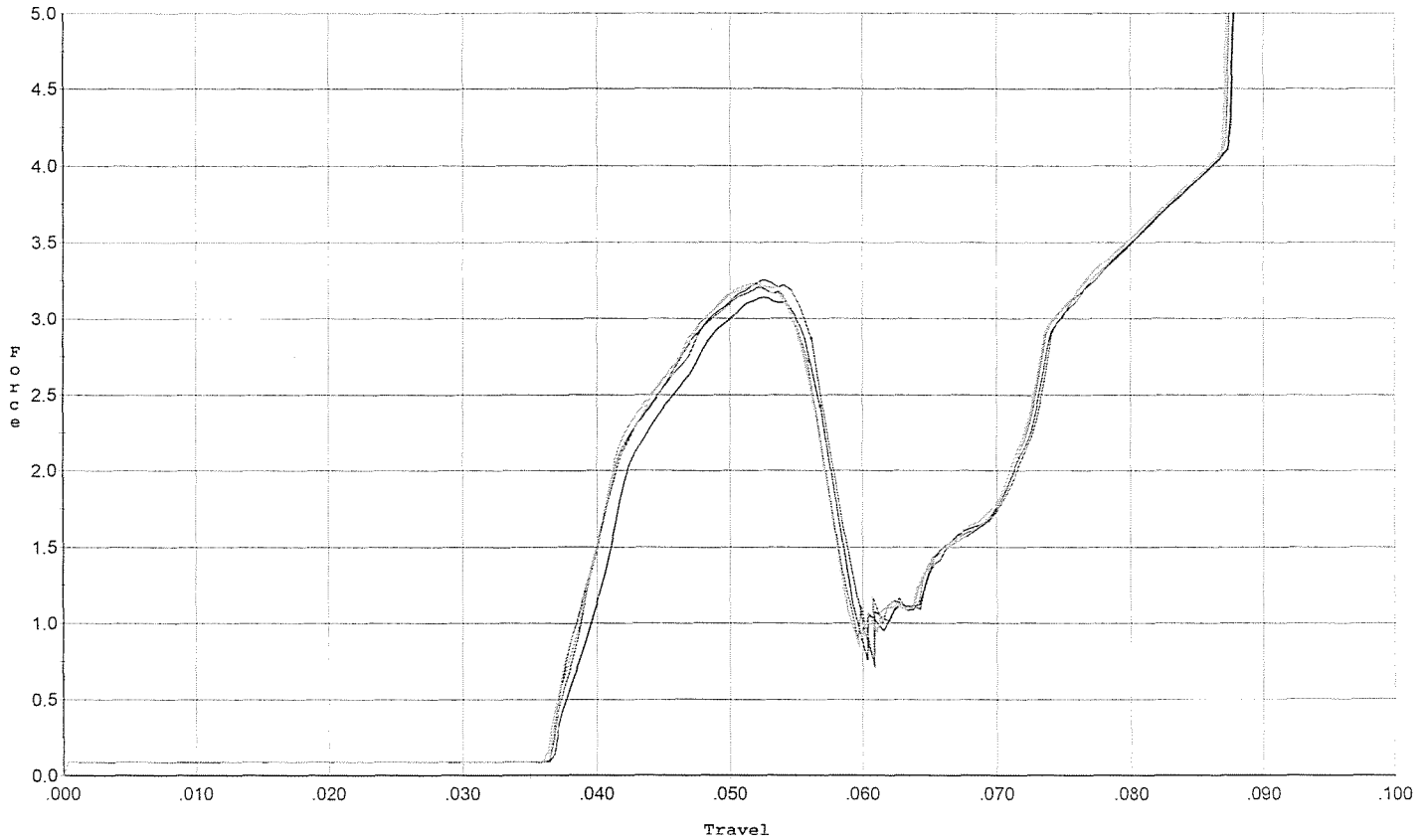
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.171	0.055	0.037	0.035	0.049		Set Trigger
2	3.202	0.054	0.036	0.035	0.049		Set Trigger
3	3.241	0.053	0.035	0.035	0.049		Set Trigger
4	3.177	0.052	0.034	0.035	0.049		Set Trigger
5	3.208	0.051	0.033	0.035	0.050		Set Trigger

Avg 3.20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 1/16/07

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	3.255	0.056	0.037	0.037	0.054		Set Trigger
2	3.144	0.057	0.037	0.037	0.051		Set Trigger
3	3.211	0.056	0.037	0.037	0.052		Set Trigger
4	3.242	0.056	0.037	0.037	0.053		Set Trigger
5	3.228	0.056	0.036	0.037	0.053		Set Trigger

Aug 3.21

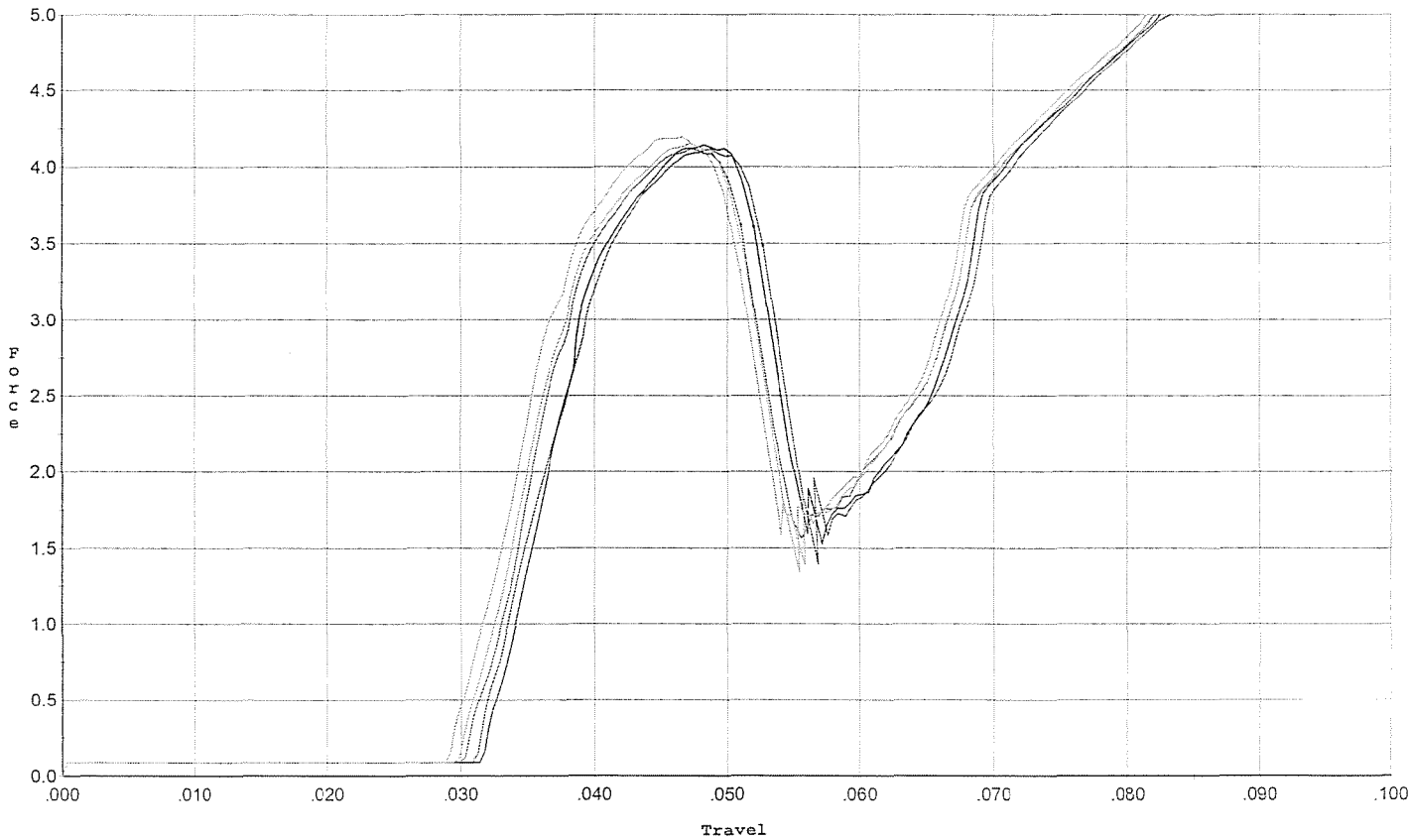
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 1/16/07

Model:
Serial No:
Trigger:

M/24
Form #F005
4.0 lbs. +/- 1.0 lbs.



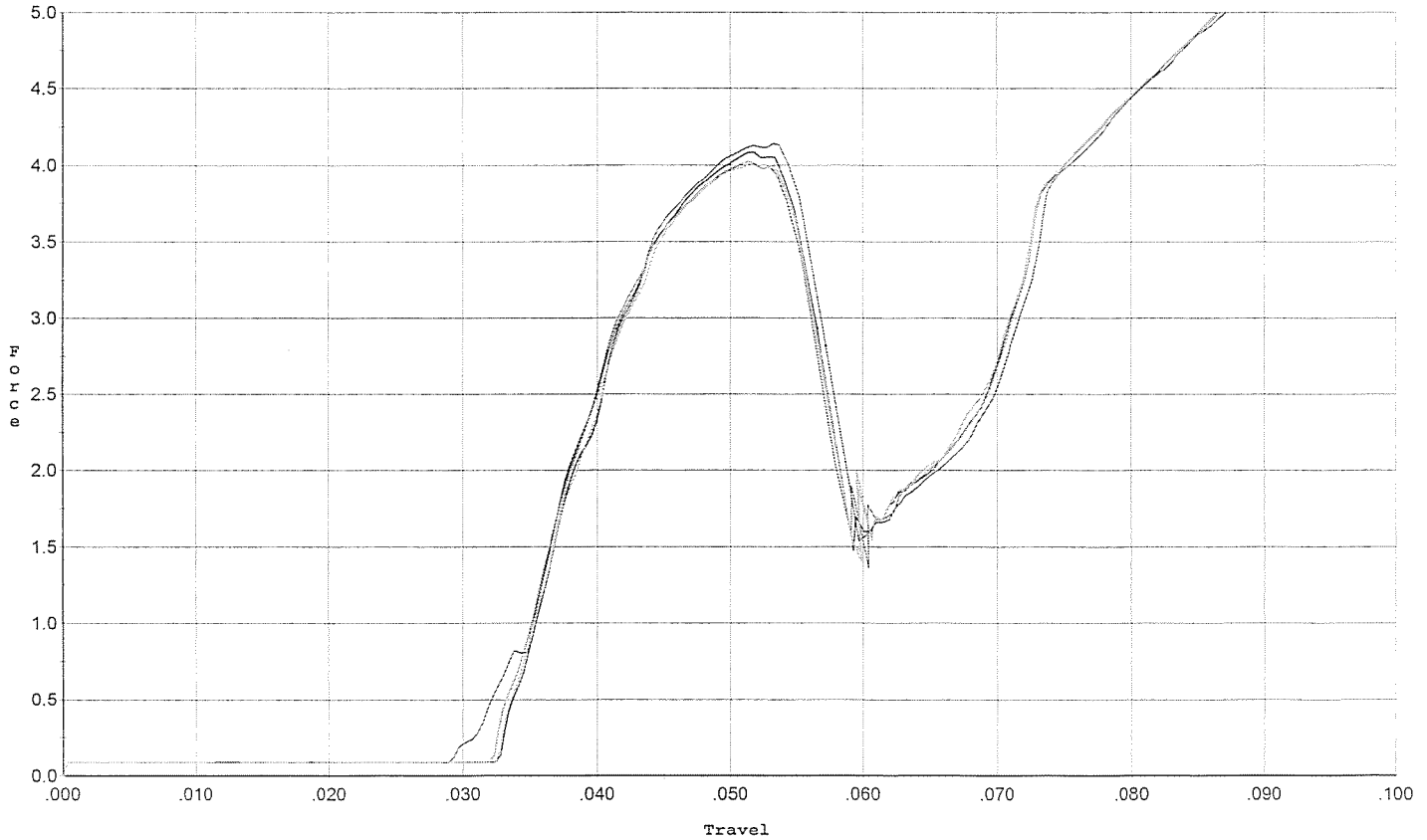
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.116	0.053	0.031	0.033	0.070		Set Trigger
2	4.143	0.052	0.032	0.034	0.068		Set Trigger
3	4.119	0.051	0.031	0.033	0.068		Set Trigger
4	4.155	0.051	0.030	0.033	0.070		Set Trigger
5	4.195	0.051	0.029	0.033	0.071		Set Trigger

AVg 4.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/16/07

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	4.142	0.057	0.030	0.034	0.078		Set Trigger
2	4.086	0.057	0.033	0.034	0.074		Set Trigger
3	4.027	0.055	0.033	0.035	0.072		Set Trigger
4	4.029	0.057	0.033	0.034	0.073		Set Trigger
5	4.009	0.055	0.033	0.034	0.071		Set Trigger

Avg 4.05

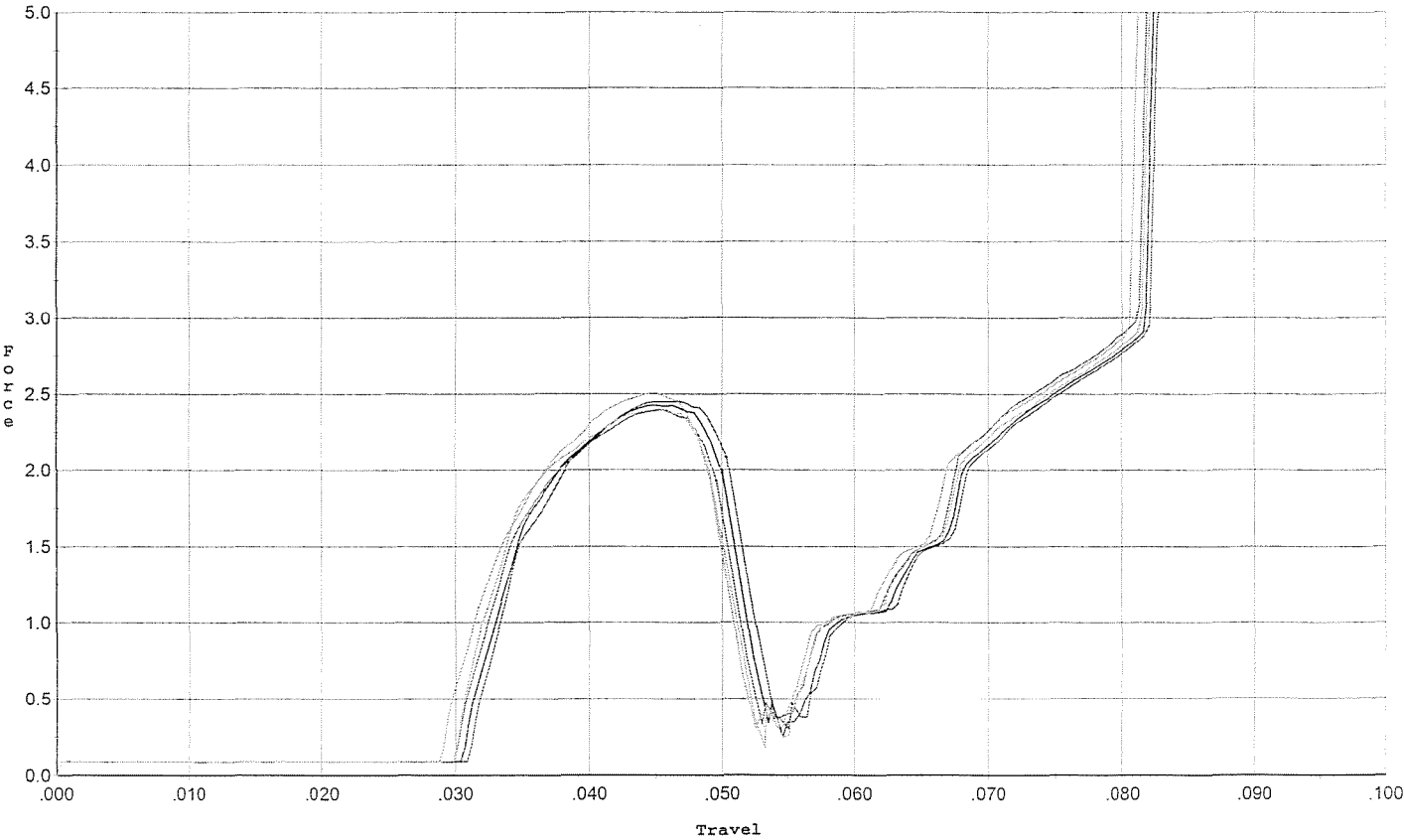
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 1/16/07

Model:
Serial No:
Trigger:

M/24
Form #F005
reset to 2.5 lbs. +/- .50 lbs. for final test



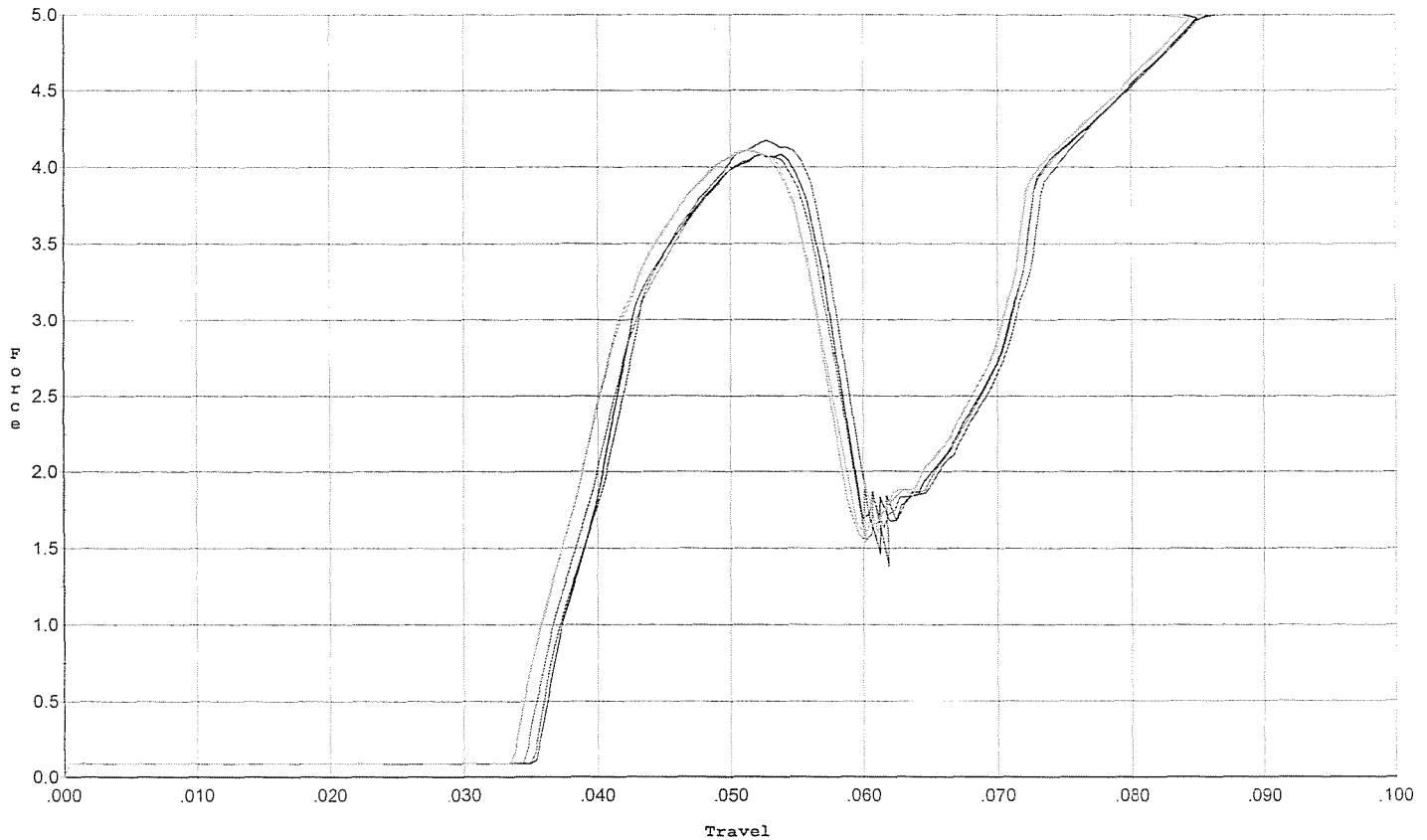
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.454	0.050	0.031	0.036	0.041		Set Trigger
2	2.427	0.050	0.031	0.036	0.041		Set Trigger
3	2.398	0.050	0.030	0.036	0.040		Set Trigger
4	2.402	0.051	0.030	0.037	0.042		Set Trigger
5	2.509	0.049	0.029	0.036	0.042		Set Trigger

Aug 2.43

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 1/16/07

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	4.173	0.057	0.035	0.034	0.073		Set Trigger
2	4.083	0.057	0.036	0.034	0.071		Set Trigger
3	4.079	0.058	0.035	0.034	0.073		Set Trigger
4	4.104	0.056	0.034	0.034	0.072		Set Trigger
5	4.110	0.056	0.034	0.034	0.073		Set Trigger

Aug. 4.11