

G 663 5/22

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



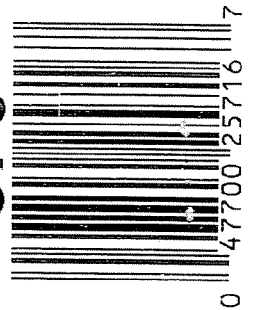
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6635122

UPC



BARBER - M24 0142077

ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



66635122

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0142077 42116

GUN SERIAL # G6635122

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-20-06	RTZ
420	ASSEMBLE ACTION		12-21-06	RTZ
430	ASSEMBLE TO STOCK		12-21-06	KP
440	PROOF		12-21-06	TRL
460	CHECK HEADSPACE		12-21-06	TRL
470	DIS-ASSEMBLE ACTION		12-21-06	RTZ
480	MAGNAFLUX BBL ACTION		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	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/12/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-17-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-17-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-17-07	SD
	D) OIL FIRING PIN ASSEMBLY		1-23-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2-20-07	WON

F004 REV 5/2006

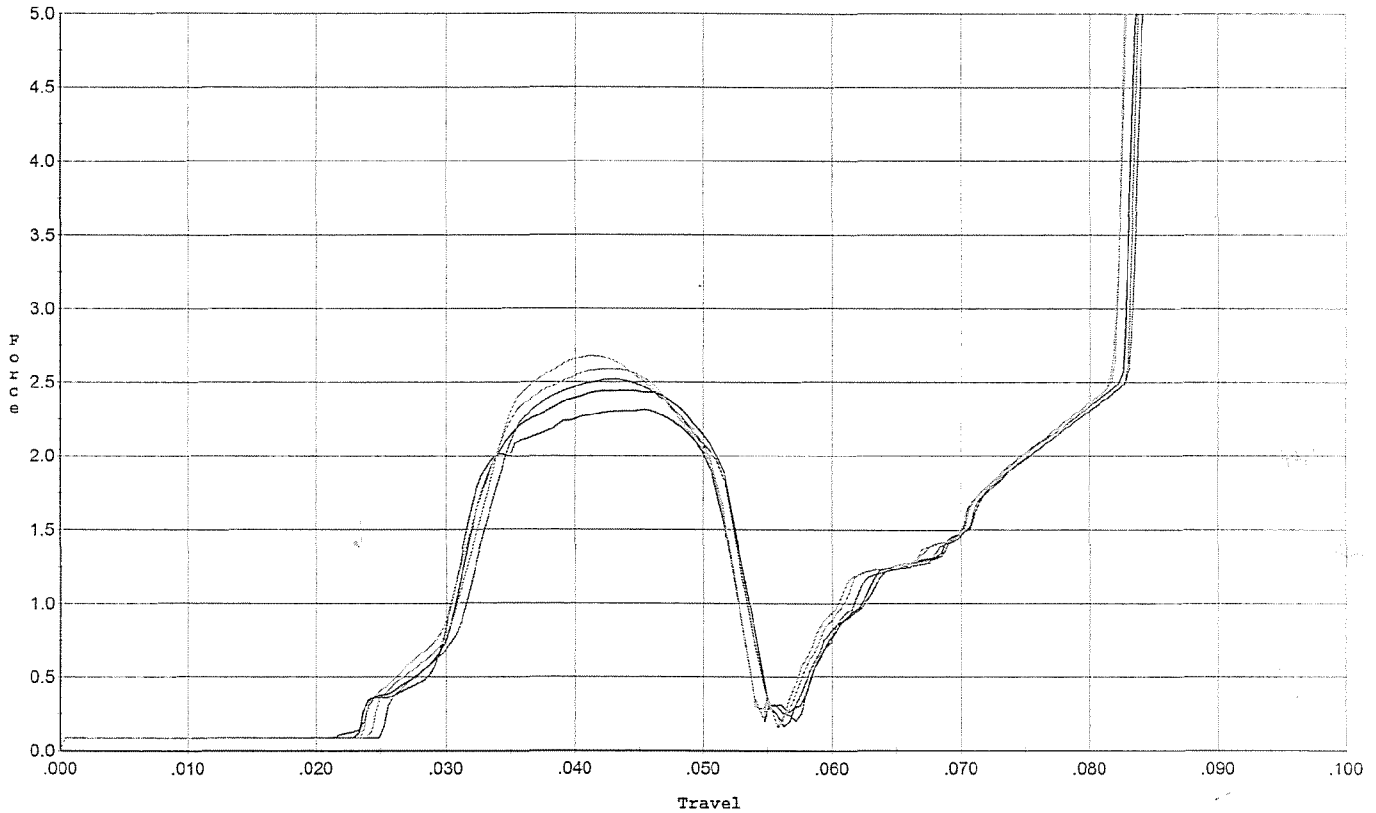
OP #	OPERATION NAME	READINGS	DATE	INITIAL
BARBER - M24 0142079				
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.25</u> <u>6.5</u> <u>6.5</u>	2-20-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.25</u>	2-20-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		2-20-07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0255</u> <u>.025</u> <u>.025</u>	2-20-07	TRW
	J) ASSEMBLE STOCK		2-20-07	TRW
	K) ASSEMBLE SWIVEL STUDS		2-20-07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2-20-07	non
	M) IRON SIGHT ALIGNMENT		2-20-07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2-20-07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1-25-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-25-07	FM
660	INSPECT FOR LIVE AMMO		1-25-07	non
670	FINAL INSPECTION A) HEADSPACE		2-20-07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.76</u> <u>2.75</u> <u>2.70</u> <u>2.70</u> <u>2.16</u>	2-15-07	TRW
	C) FUNCTION		2-20-07	non
690	PACK		3-22-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/20/06

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



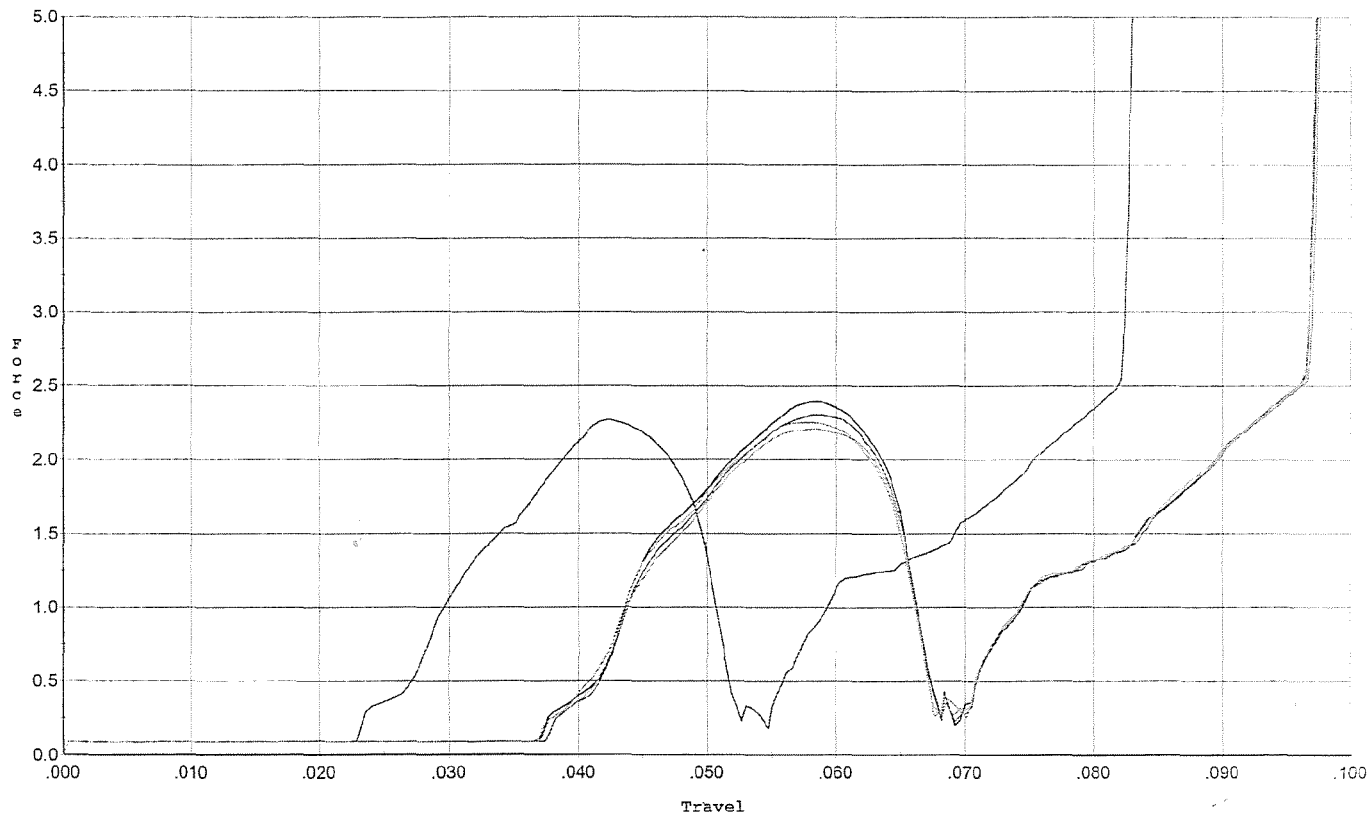
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.313	0.052	0.024	0.037	0.050		Set Trigger
2	2.443	0.053	0.024	0.035	0.054		Set Trigger
3	2.520	0.052	0.025	0.036	0.051		Set Trigger
4	2.678	0.052	0.024	0.035	0.054		Set Trigger
5	2.588	0.051	0.025	0.035	0.052		Set Trigger

AUG 250

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 12/20/06

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



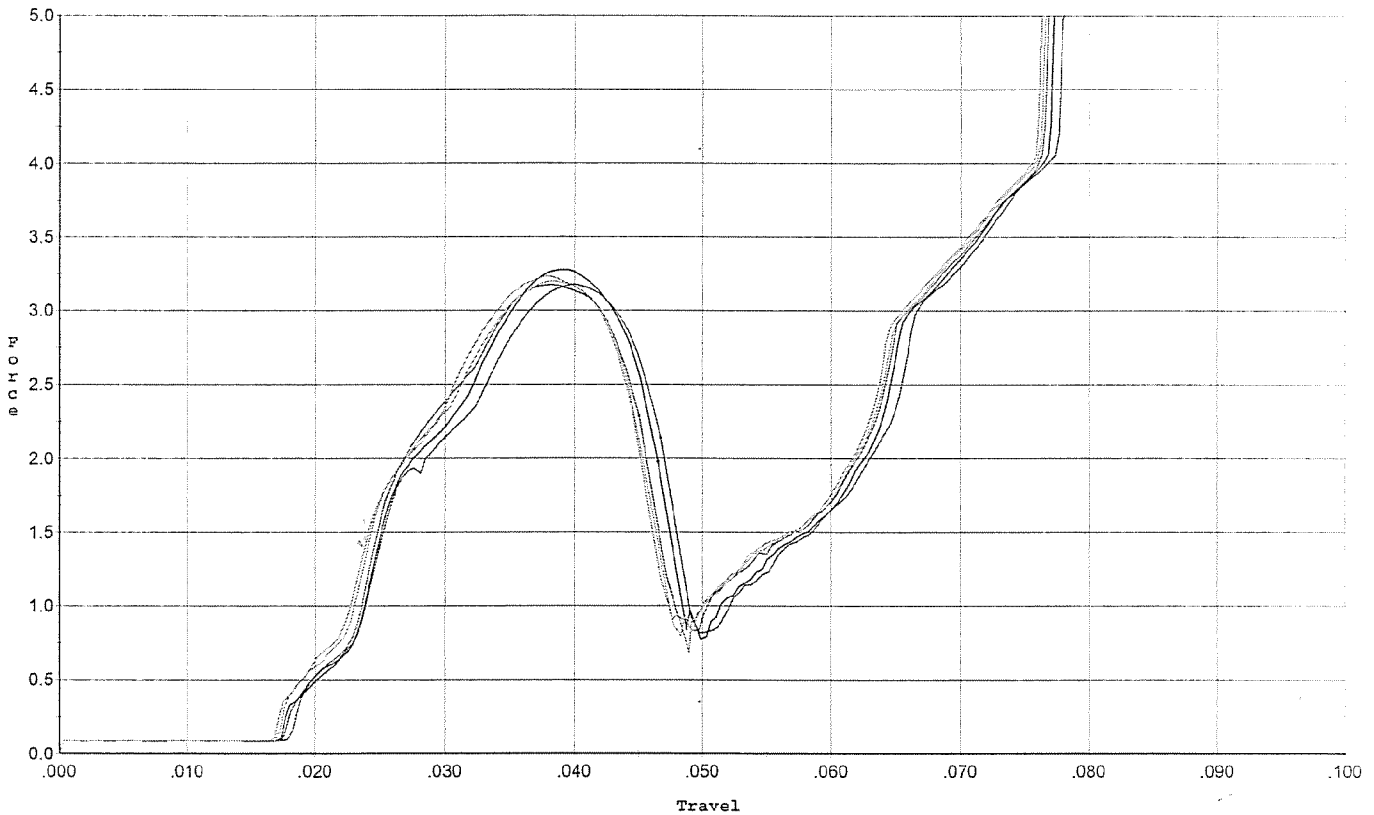
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.265	0.050	0.023	0.038	0.042		Set Trigger
2	2.396	0.065	0.037	0.039	0.049		Set Trigger
3	2.304	0.065	0.038	0.039	0.047		Set Trigger
4	2.205	0.066	0.037	0.039	0.046		Set Trigger
5	2.252	0.065	0.037	0.039	0.048		Set Trigger

AUG 235

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/20/06

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



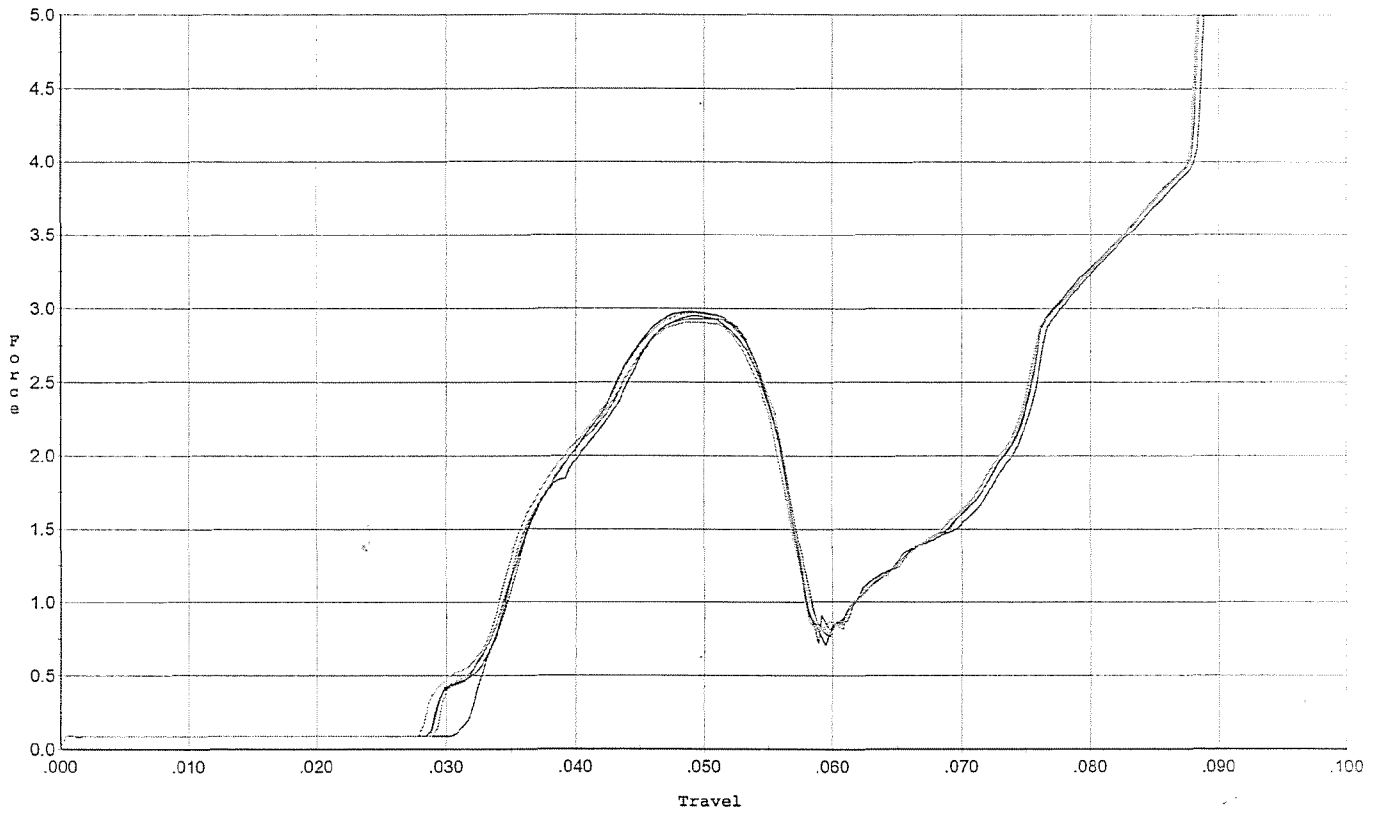
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.175	0.047	0.018	0.034	0.062		Set Trigger
2	3.278	0.046	0.018	0.033	0.063		Set Trigger
3	3.174	0.045	0.018	0.034	0.060		Set Trigger
4	3.197	0.046	0.017	0.034	0.062		Set Trigger
5	3.234	0.044	0.017	0.034	0.061		Set Trigger

Avg 320

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/20/06

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



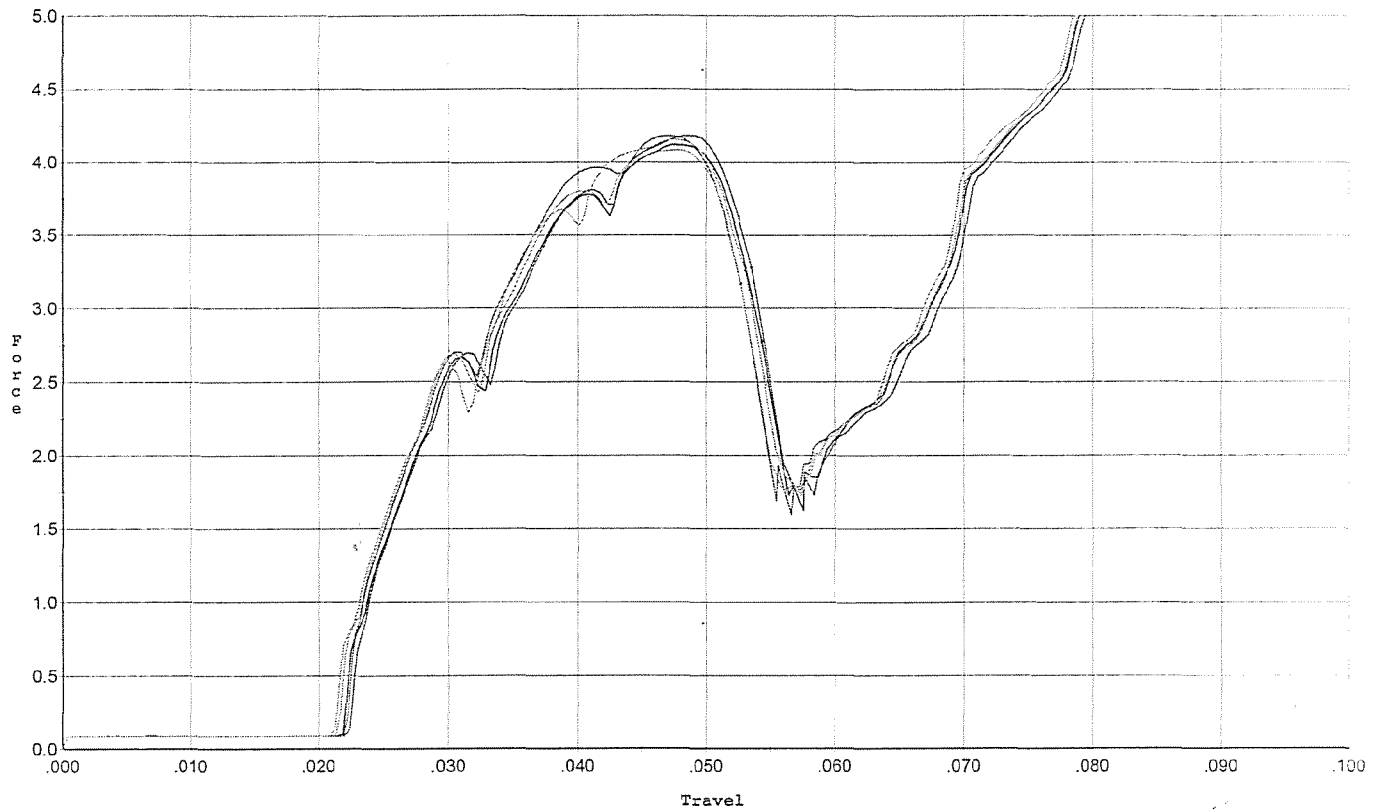
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.953	0.056	0.032	0.037	0.055		Set Trigger
2	2.978	0.056	0.029	0.037	0.058		Set Trigger
3	2.934	0.056	0.029	0.037	0.057		Set Trigger
4	2.969	0.056	0.028	0.037	0.058		Set Trigger
5	2.908	0.056	0.030	0.037	0.057		Set Trigger

AUG 294

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/20/06

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



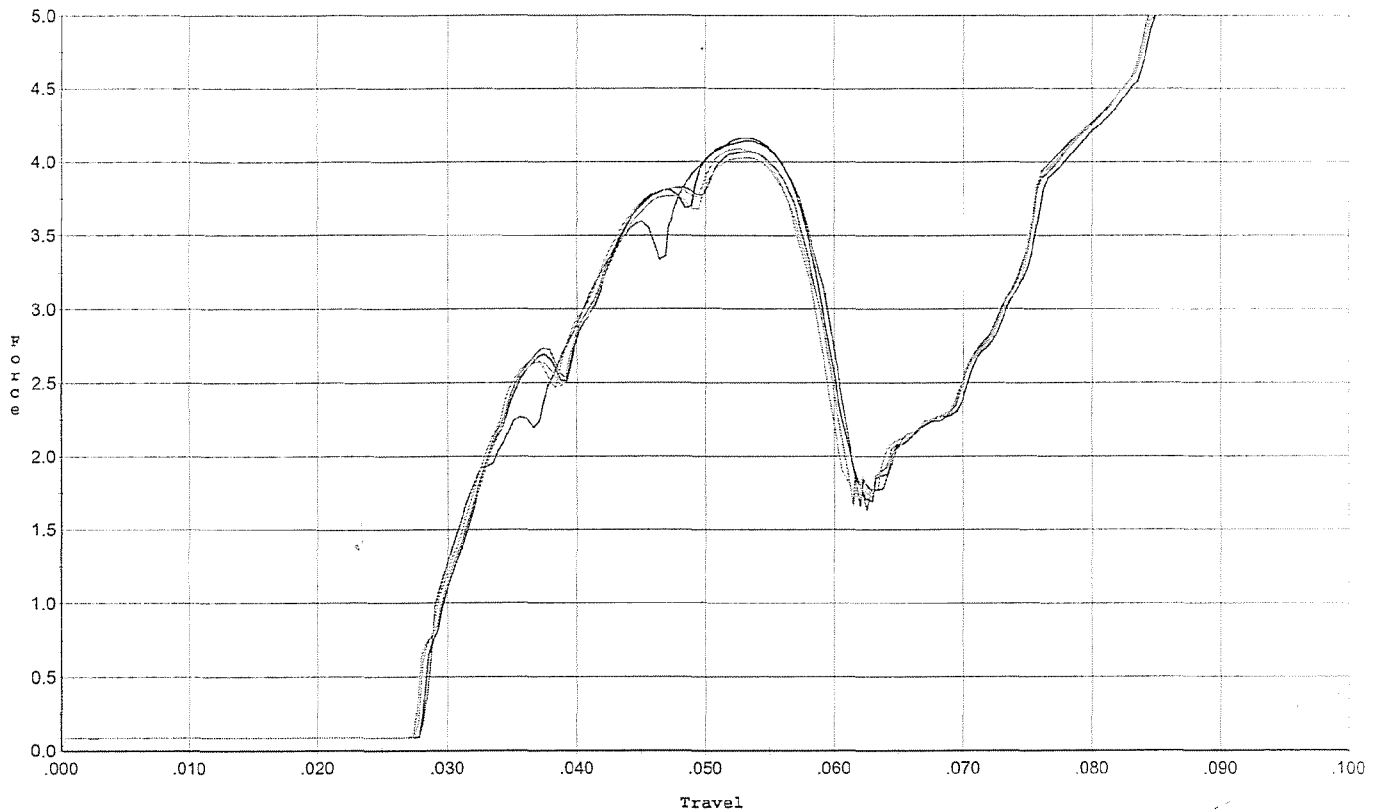
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.182	0.054	0.023	0.030	0.098		Set Trigger
2	4.119	0.054	0.022	0.029	0.099		Set Trigger
3	4.180	0.053	0.022	0.030	0.097		Set Trigger
4	4.085	0.053	0.022	0.030	0.096		Set Trigger
5	4.155	0.053	0.021	0.029	0.099		Set Trigger

Aug 414

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/20/06

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



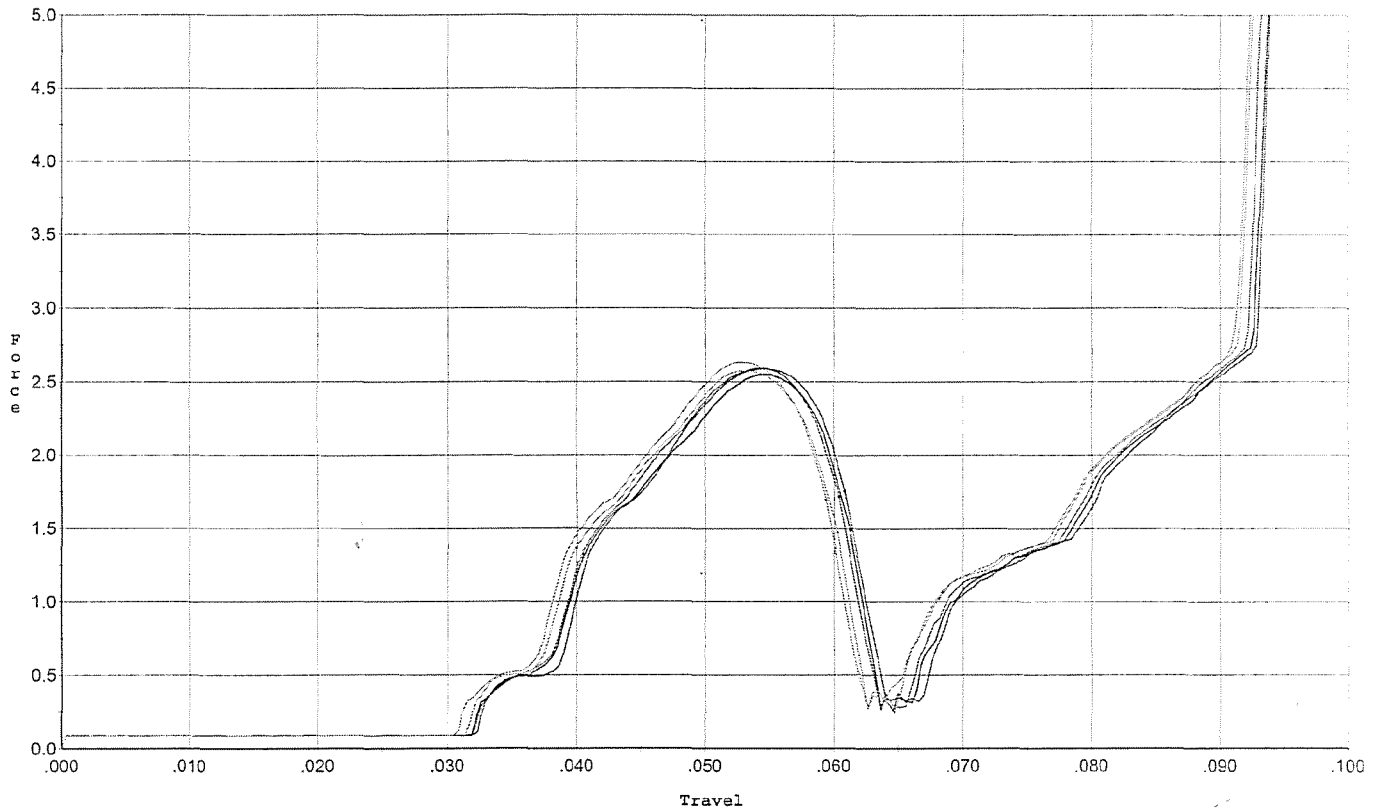
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.142	0.059	0.028	0.031	0.097		Set Trigger
2	4.161	0.059	0.028	0.032	0.096		Set Trigger
3	4.067	0.059	0.028	0.031	0.097		Set Trigger
4	4.086	0.058	0.028	0.032	0.095		Set Trigger
5	4.028	0.059	0.028	0.031	0.095		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 12/20/06

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



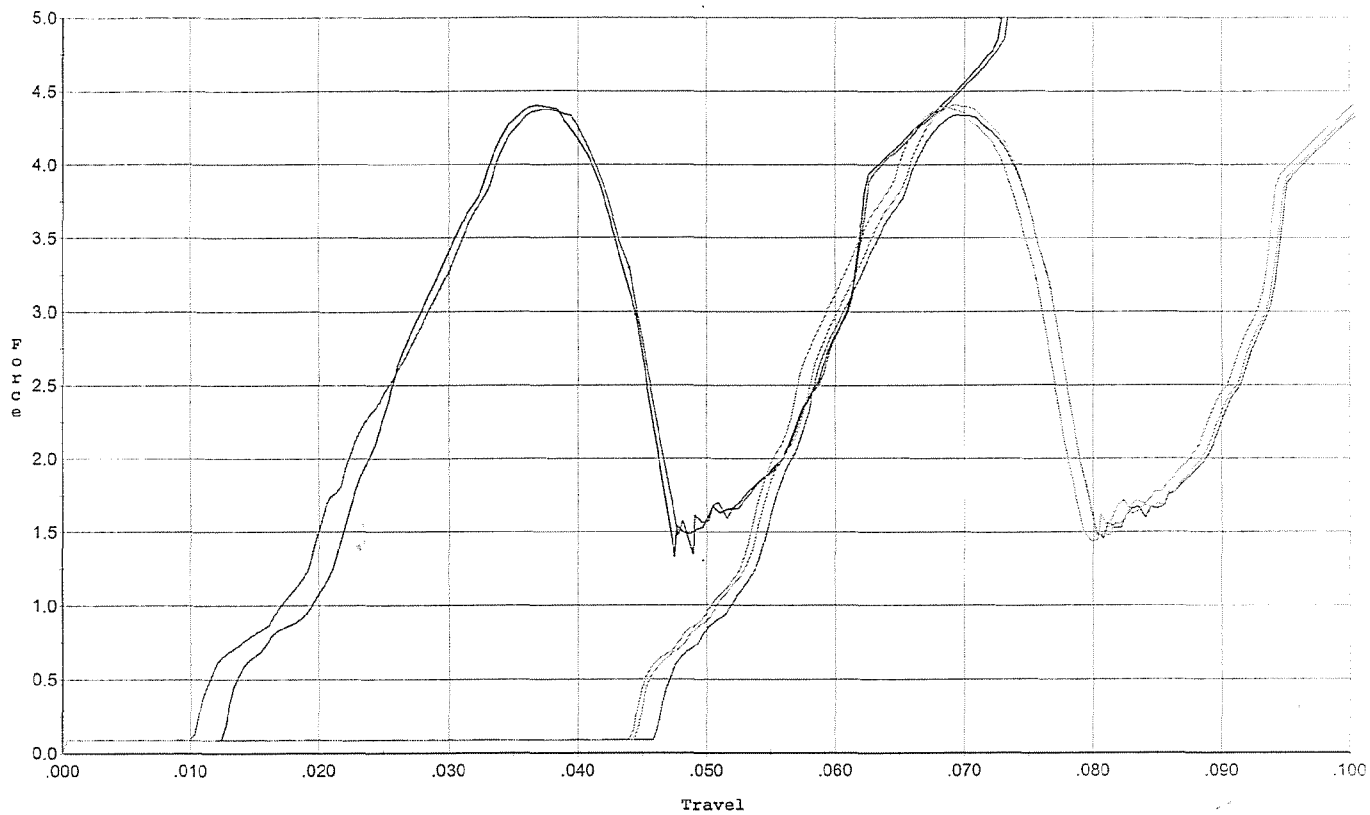
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.590	0.061	0.033	0.039	0.051		Set Trigger
2	2.553	0.061	0.032	0.039	0.051		Set Trigger
3	2.596	0.060	0.032	0.039	0.051		Set Trigger
4	2.575	0.060	0.032	0.039	0.051		Set Trigger
5	2.631	0.059	0.031	0.038	0.052		Set Trigger

Aug 258

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 12/20/06

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.377	0.044	0.011	0.029	0.088		Set Trigger
2	4.407	0.044	0.013	0.029	0.086		Set Trigger
3	4.340	0.077	0.046	0.034	0.090		Set Trigger
4	4.409	0.077	0.045	0.034	0.093		Set Trigger
5	4.399	0.076	0.044	0.034	0.092		Set Trigger

Avg 438

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635122.___0
FILE DATE AND TIME: 01/25/2007 14:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.091
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.581
The Distance from POA to Centroid Target #1:	0.129
The Distance from Centroid Target #2 to Centroid Target #1:	0.255
The Distance from Centroid Target #3 to Centroid Target #1:	0.245
The Distance from Centroid Target #4 to Centroid Target #1:	0.098
The Distance from Centroid Target #5 to Centroid Target #1:	0.231

BARBER - M24 0142089

SERIAL NUMBER: G6635122. __0

TARGET NUMBER: 1

FILE DATE: 01/25/2007

FILE TIME: 14:55

X CENTROID: 0.087

Y CENTROID: 0.095

POA TO CENTROID: 0.129

HORZ SPREAD: 1.381

VERT SPREAD: 1.575

GROUP SPREAD: 2.092

MIN RADIUS: 0.256

MAX RADIUS: 1.110

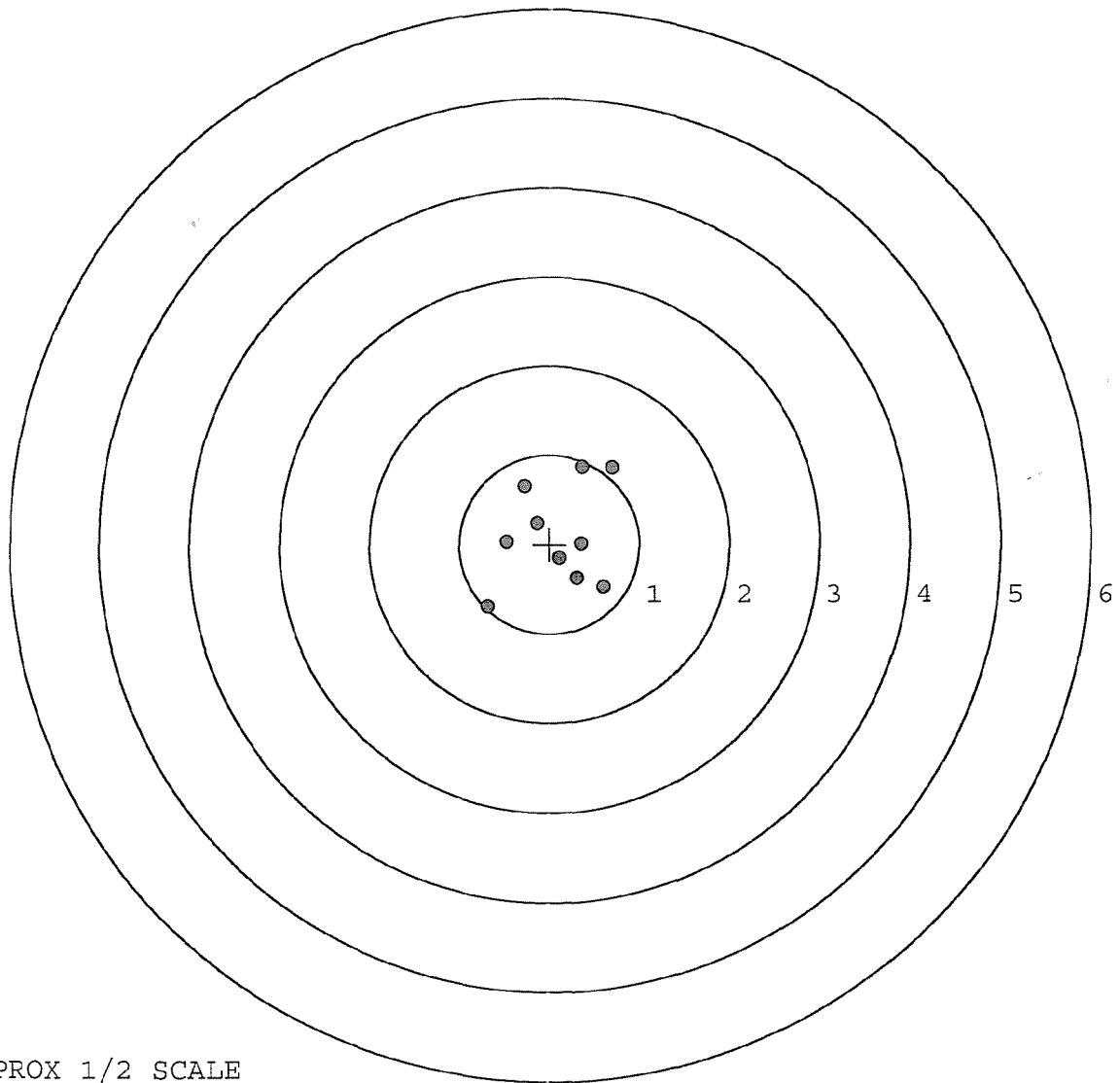
MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.682	-0.706
2:	0.600	-0.474
3:	0.313	-0.379
4:	0.349	0.015
5:	0.119	-0.159
6:	-0.134	0.238
7:	-0.475	0.032
8:	-0.279	0.647
9:	0.360	0.869
10:	0.699	0.865



TARGET APPROX 1/2 SCALE

BARBER - M24 0142090

SERIAL NUMBER: G6635122. __0

TARGET NUMBER: 2

FILE DATE: 01/25/2007

FILE TIME: 14:55

POINT#	X	Y
1:	0.193	0.569
2:	0.526	0.320
3:	0.486	0.004
4:	0.160	0.065
5:	-0.018	0.045
6:	-0.299	0.052
7:	-0.447	0.234
8:	-0.744	-0.068
9:	0.018	-1.211
10:	0.196	-1.480

X CENTROID: 0.007

Y CENTROID: -0.147

POA TO CENTROID: 0.147

HORZ SPREAD: 1.270

VERT SPREAD: 2.049

GROUP SPREAD: 2.049

MIN RADIUS: 0.194

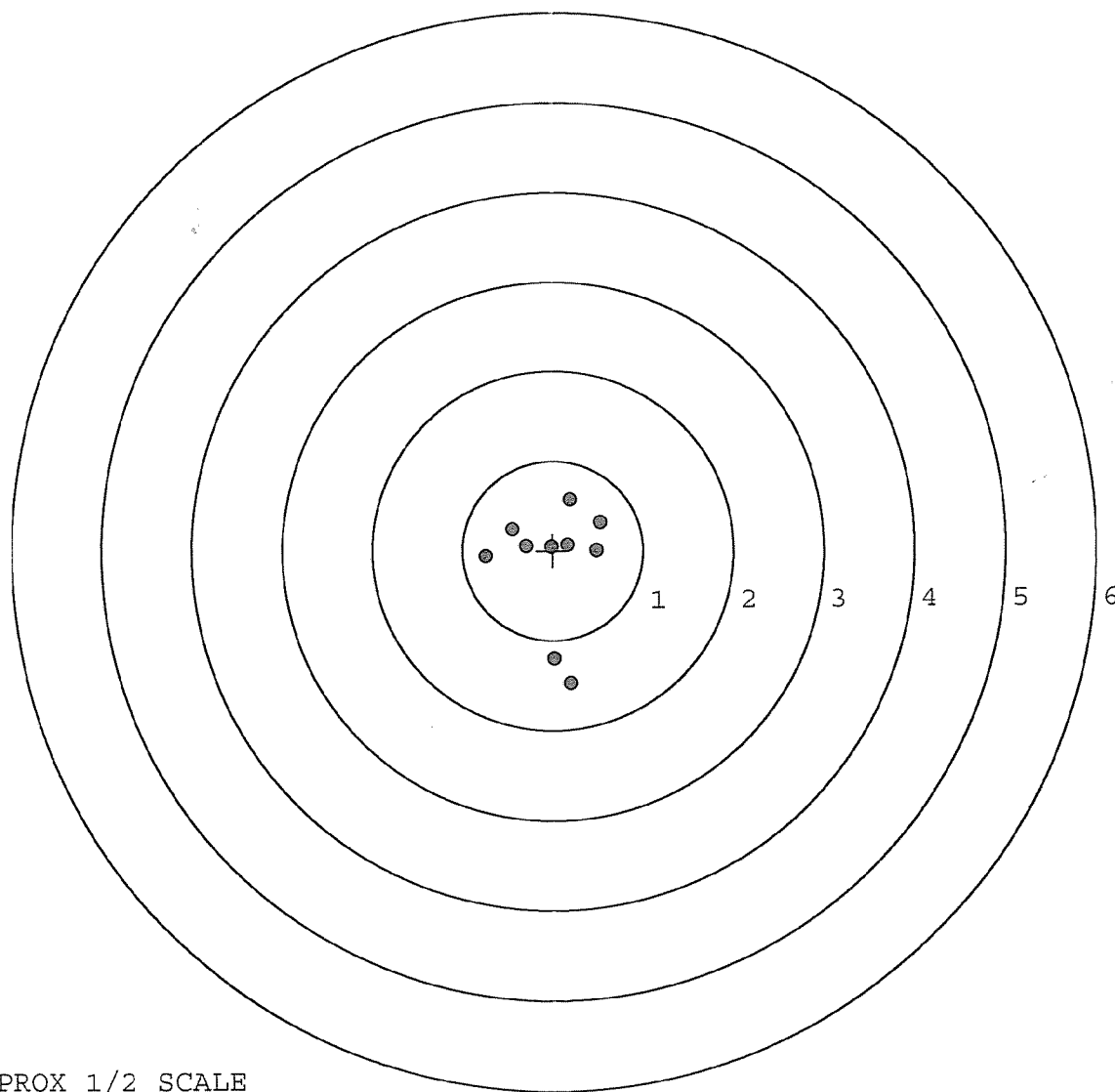
MAX RADIUS: 1.346

MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0142091

SERIAL NUMBER: G6635122. __0

TARGET NUMBER: 3

FILE DATE: 01/25/2007

FILE TIME: 14:55

X CENTROID: 0.243

Y CENTROID: -0.094

POA TO CENTROID: 0.261

HORZ SPREAD: 1.379

VERT SPREAD: 1.225

GROUP SPREAD: 1.600

MIN RADIUS: 0.208

MAX RADIUS: 0.826

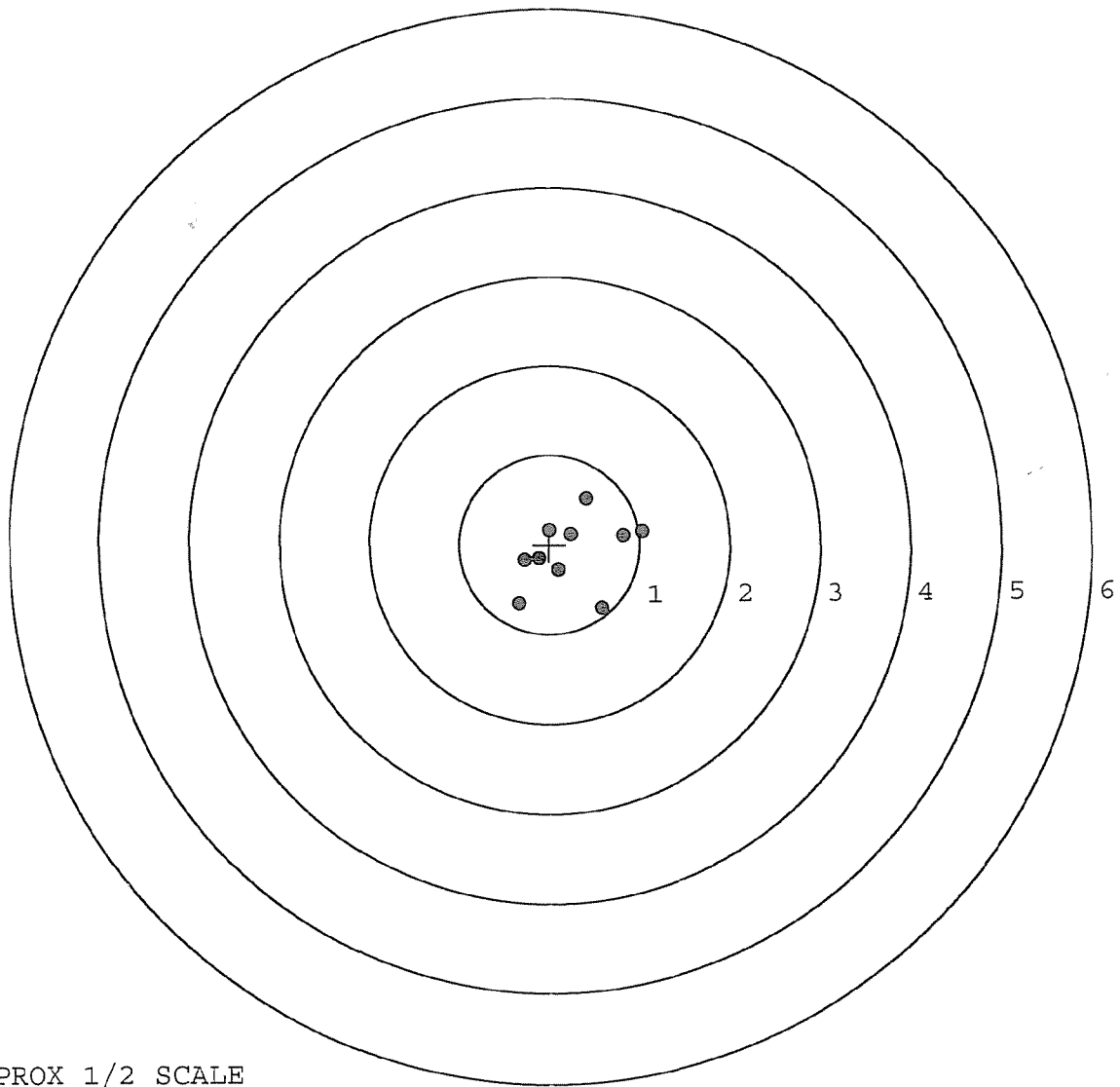
MEAN RADIUS: 0.529

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.583	-0.707
2:	1.033	0.147
3:	0.814	0.106
4:	0.413	0.518
5:	0.239	0.114
6:	0.002	0.164
7:	0.099	-0.281
8:	-0.283	-0.180
9:	-0.346	-0.664
10:	-0.124	-0.156



TARGET APPROX 1/2 SCALE

BARBER - M24 0142092

SERIAL NUMBER: G6635122. __0

TARGET NUMBER: 4

FILE DATE: 01/25/2007

FILE TIME: 14:55

POINT#	X	Y
--------	---	---

1:	0.410	0.647
----	-------	-------

2:	0.313	0.422
----	-------	-------

3:	0.660	0.361
----	-------	-------

4:	0.753	0.008
----	-------	-------

5:	0.120	-0.402
----	-------	--------

6:	-0.008	-0.054
----	--------	--------

7:	-0.345	-0.157
----	--------	--------

8:	-0.331	0.130
----	--------	-------

9:	-0.524	0.434
----	--------	-------

10:	-0.796	0.320
-----	--------	-------

X CENTROID: 0.025

Y CENTROID: 0.171

POA TO CENTROID: 0.173

HORZ SPREAD: 1.549

VERT SPREAD: 1.049

GROUP SPREAD: 1.580

MIN RADIUS: 0.227

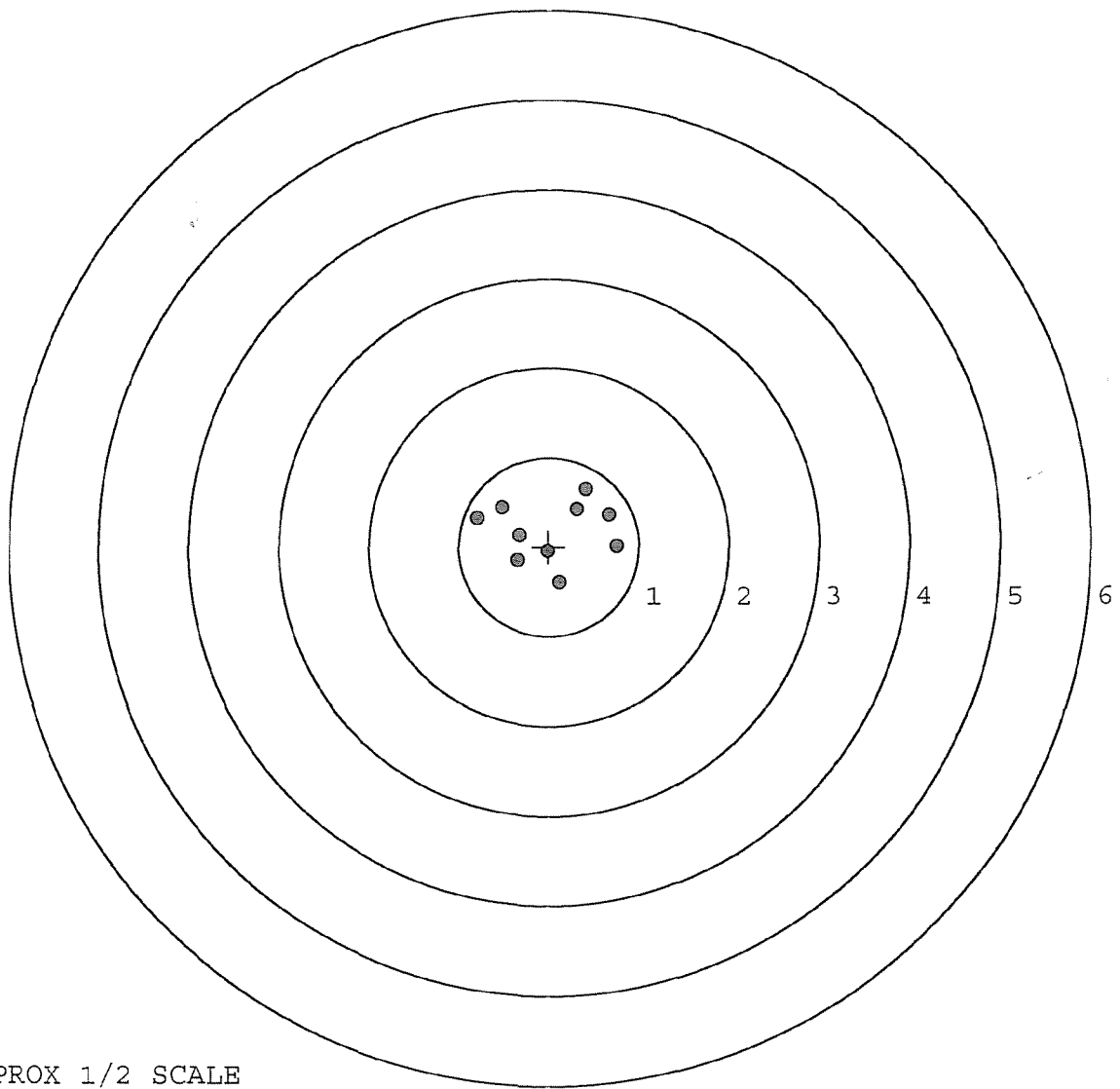
MAX RADIUS: 0.835

MEAN RADIUS: 0.551

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0142093

SERIAL NUMBER: G6635122. __0

TARGET NUMBER: 5

FILE DATE: 01/25/2007

FILE TIME: 14:55

POINT#	X	Y
1:	-0.013	-1.314
2:	0.861	-0.317
3:	0.451	-0.445
4:	0.350	-0.078
5:	0.346	0.256
6:	-0.185	-0.264
7:	-0.455	0.154
8:	-0.475	0.634
9:	-0.102	-0.088
10:	0.144	0.100

X CENTROID: 0.092

Y CENTROID: -0.136

POA TO CENTROID: 0.164

HORZ SPREAD: 1.336

VERT SPREAD: 1.948

GROUP SPREAD: 2.002

MIN RADIUS: 0.200

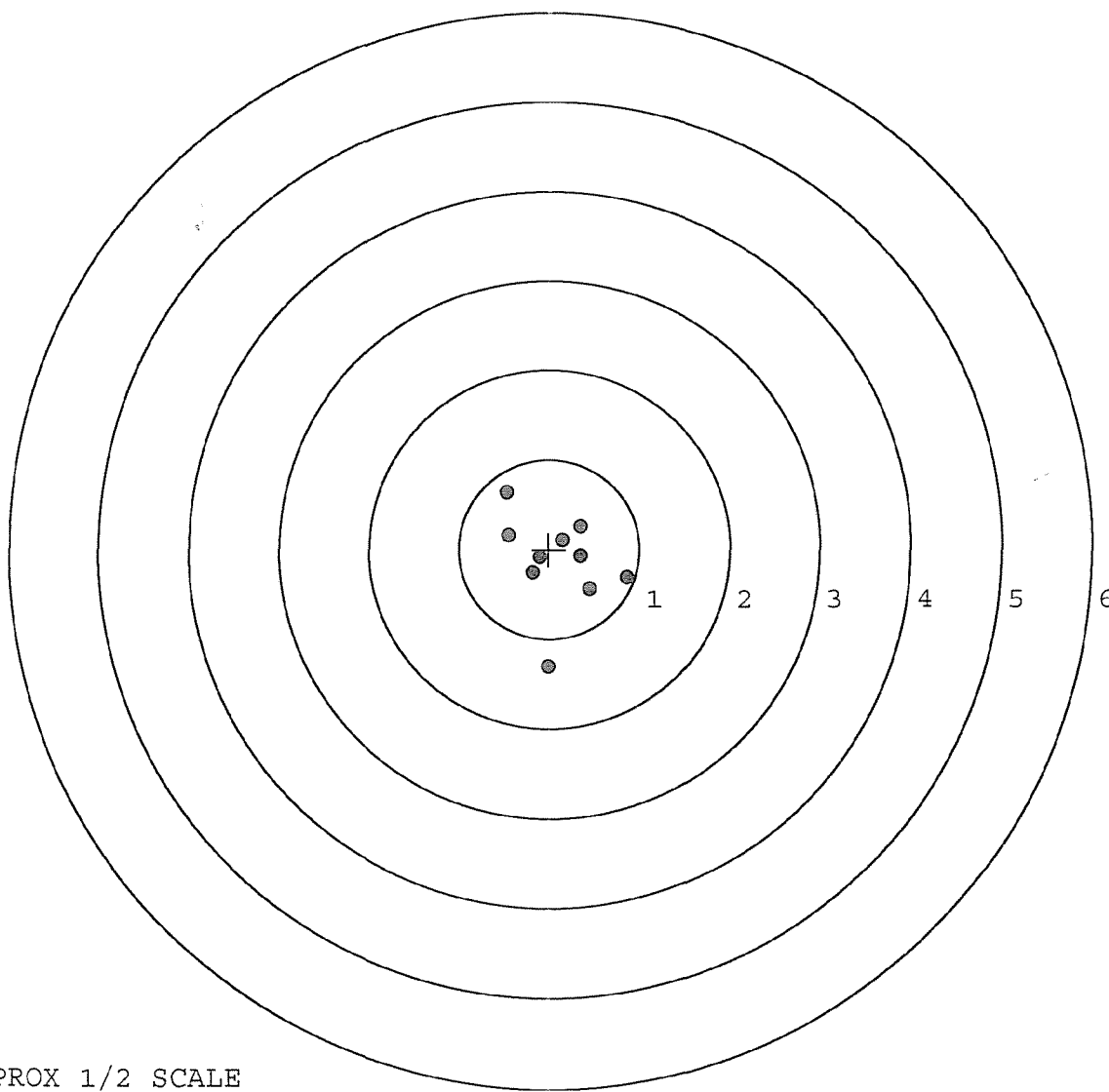
MAX RADIUS: 1.182

MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE