

G-6635-164

BARBER - M24 0142887

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



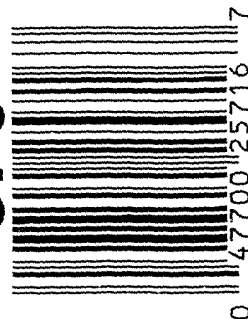
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6635166

UPC



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0142887 M2400142926

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

UPC



SERIAL NO.



BARBER - M24 0142889 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6635166

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		3-12-07	SPD
430	ASSEMBLE TO STOCK		3-12-07	SPD
440	PROOF		3-14-07	FM
460	CHECK HEADSPACE	INSPECTED	3-14-07	FM
470	DIS-ASSEMBLE ACTION	MAR 16 2007	3-15-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <i>remm</i>	3/16/07	<i>remm</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-16-07	CW
510	DRILL AND TAP SIGHT HOLES		3-16-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	UB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-22-07	WD
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/4/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/4/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/4/07	SPD
	D) OIL FIRING PIN ASSEMBLY		4/4/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	<i>rem</i>

F004 REV 5/2006

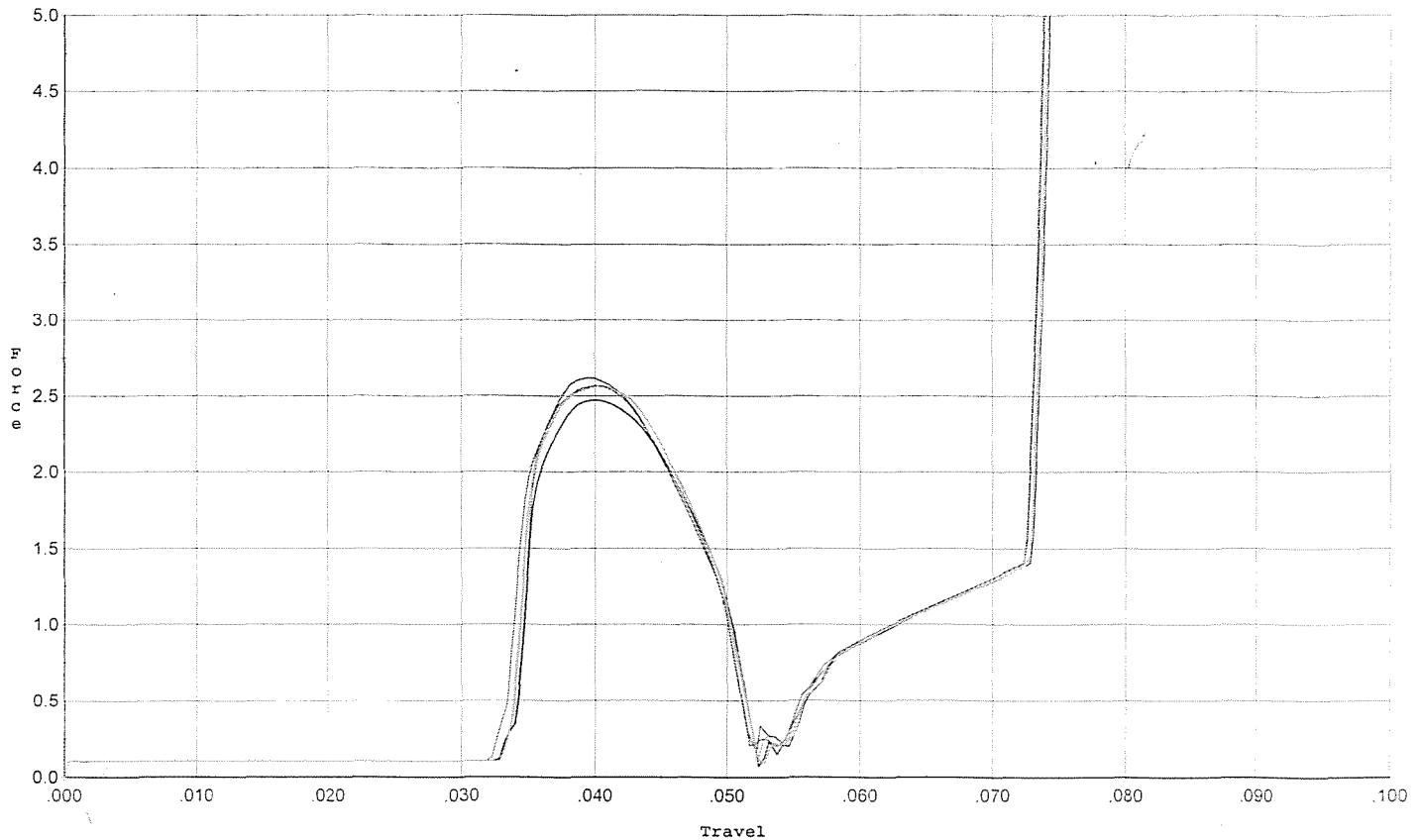
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>9.75</u> <u>9.75</u> <u>9.5</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>2.75</u> <u>3.0</u>	4-10-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.024</u> <u>.0235</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		4/4/07	P.P.D.
	K) ASSEMBLE SWIVEL STUDS		4/10/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/10/07	non
	M) IRON SIGHT ALIGNMENT		4/10/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/10/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-5-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4/5/07	WR
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.51</u> <u>2.17</u> <u>2.03</u> <u>2.11</u> <u>2.13</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4-13-07	PA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/03/07

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



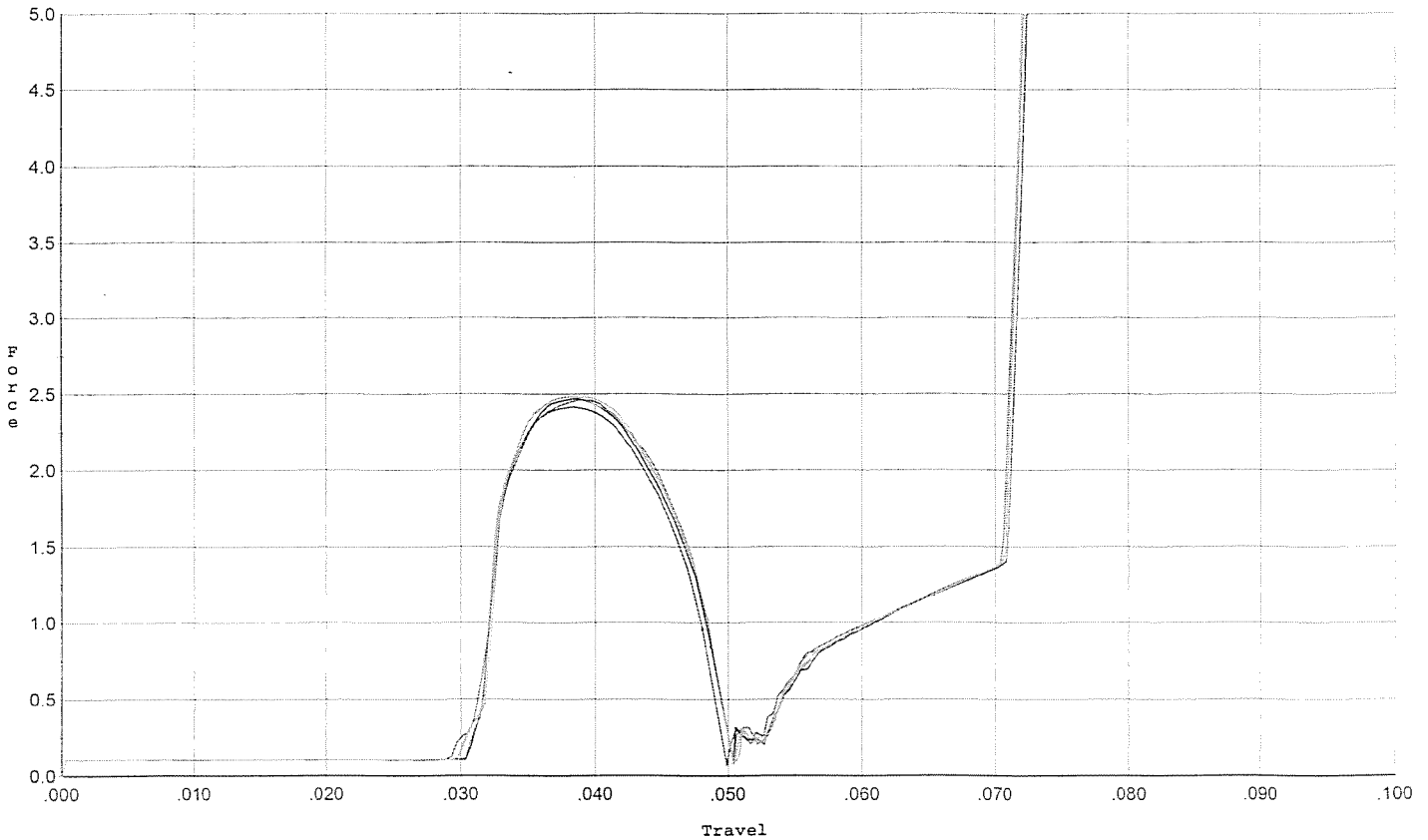
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.618	0.050	0.033	0.032	0.037		Set Trigger
2	2.472	0.051	0.033	0.032	0.036		Set Trigger
3	2.567	0.050	0.033	0.032	0.038		Set Trigger
4	2.566	0.051	0.033	0.032	0.038		Set Trigger
5	2.565	0.050	0.033	0.032	0.037		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/03/07

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



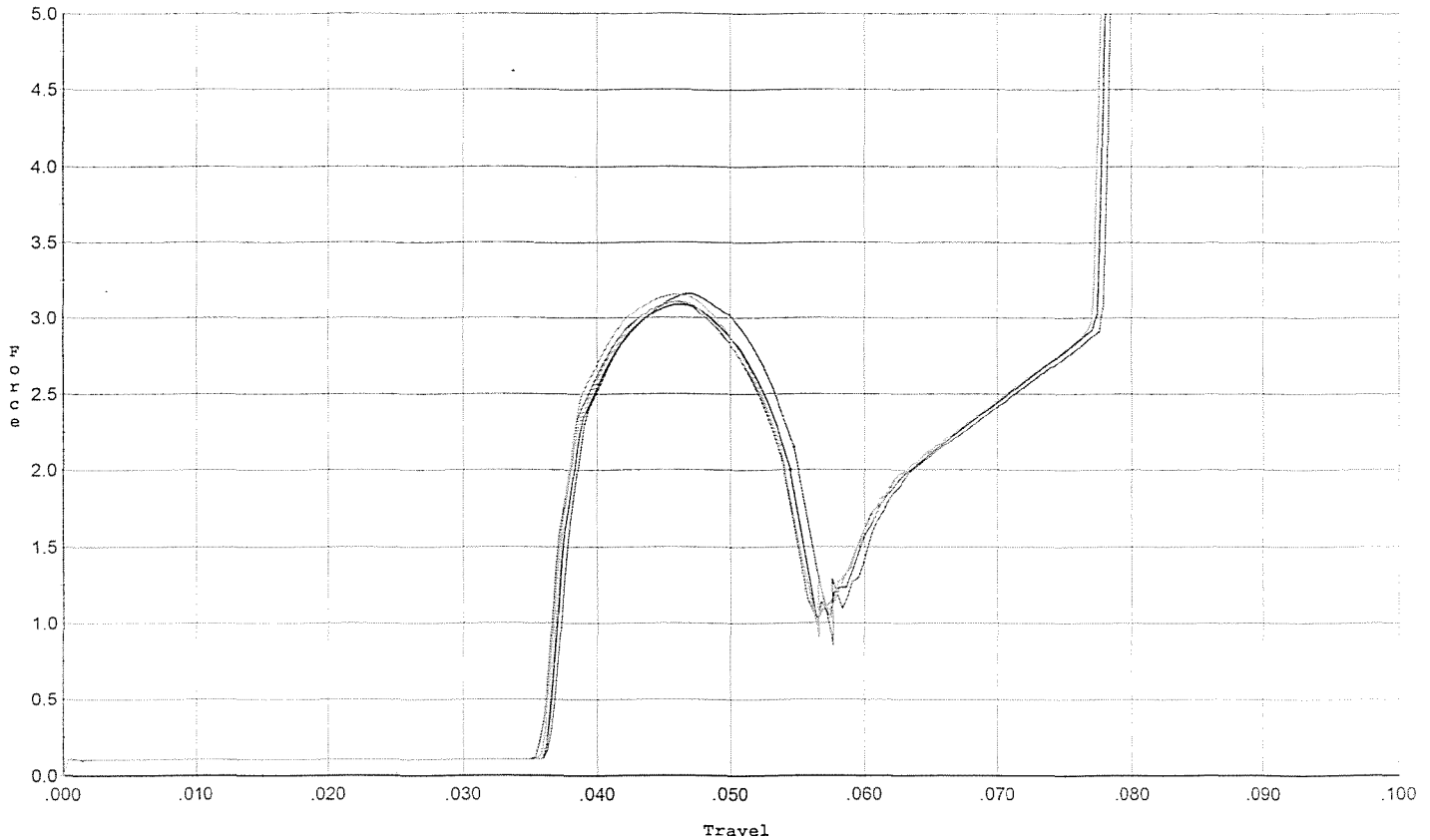
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.417	0.048	0.030	0.032	0.036		Set Trigger
2	2.471	0.049	0.031	0.031	0.037		Set Trigger
3	2.462	0.049	0.031	0.031	0.038		Set Trigger
4	2.484	0.048	0.030	0.031	0.038		Set Trigger
5	2.480	0.048	0.030	0.031	0.038		Set Trigger

AVG 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/03/07

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



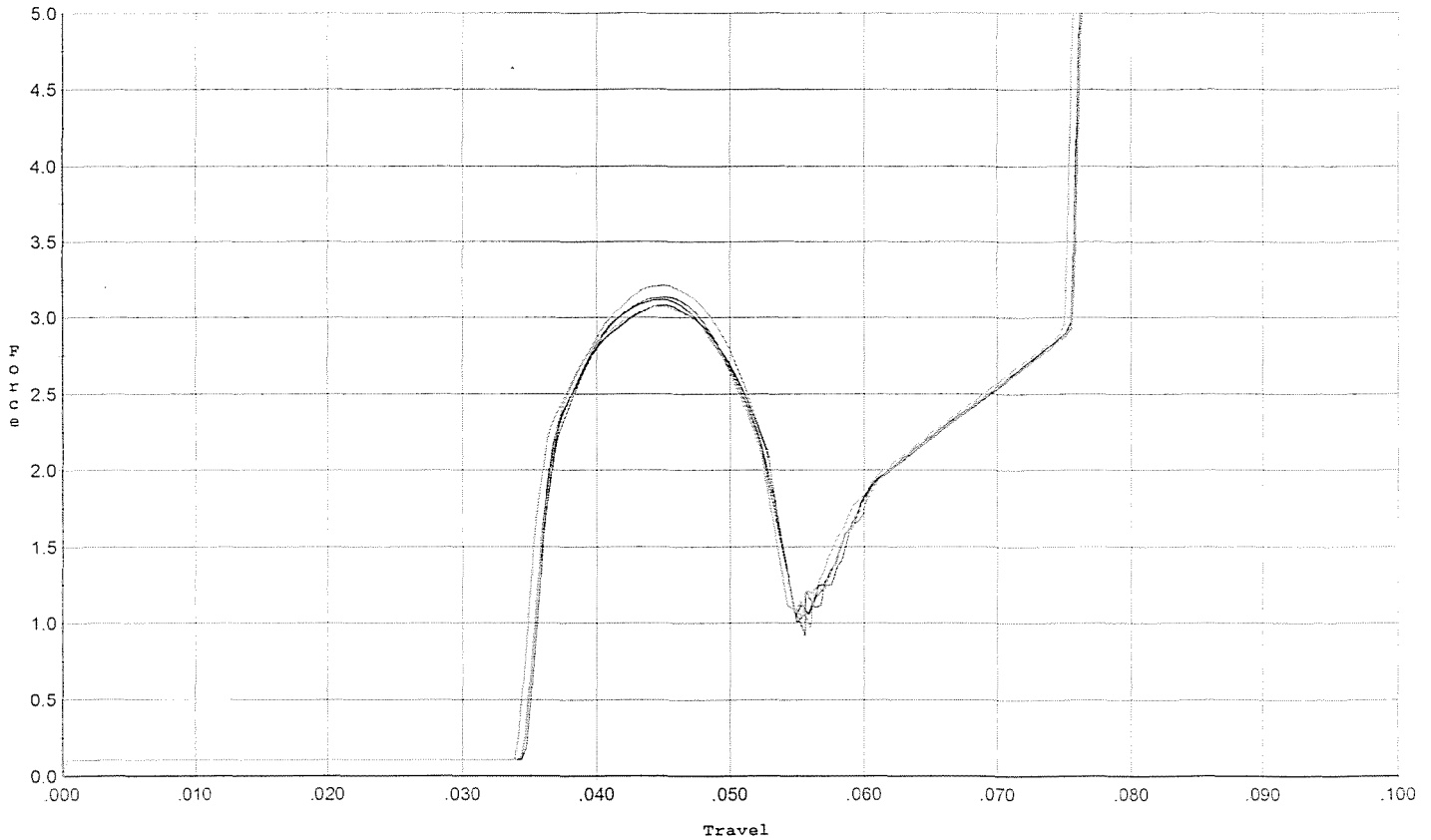
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.161	0.055	0.036	0.030	0.053		Set Trigger
2	3.089	0.054	0.036	0.030	0.052		Set Trigger
3	3.109	0.054	0.036	0.030	0.051		Set Trigger
4	3.157	0.054	0.036	0.030	0.052		Set Trigger
5	3.109	0.054	0.036	0.030	0.051		Set Trigger

AVG 3.12

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/03/07

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



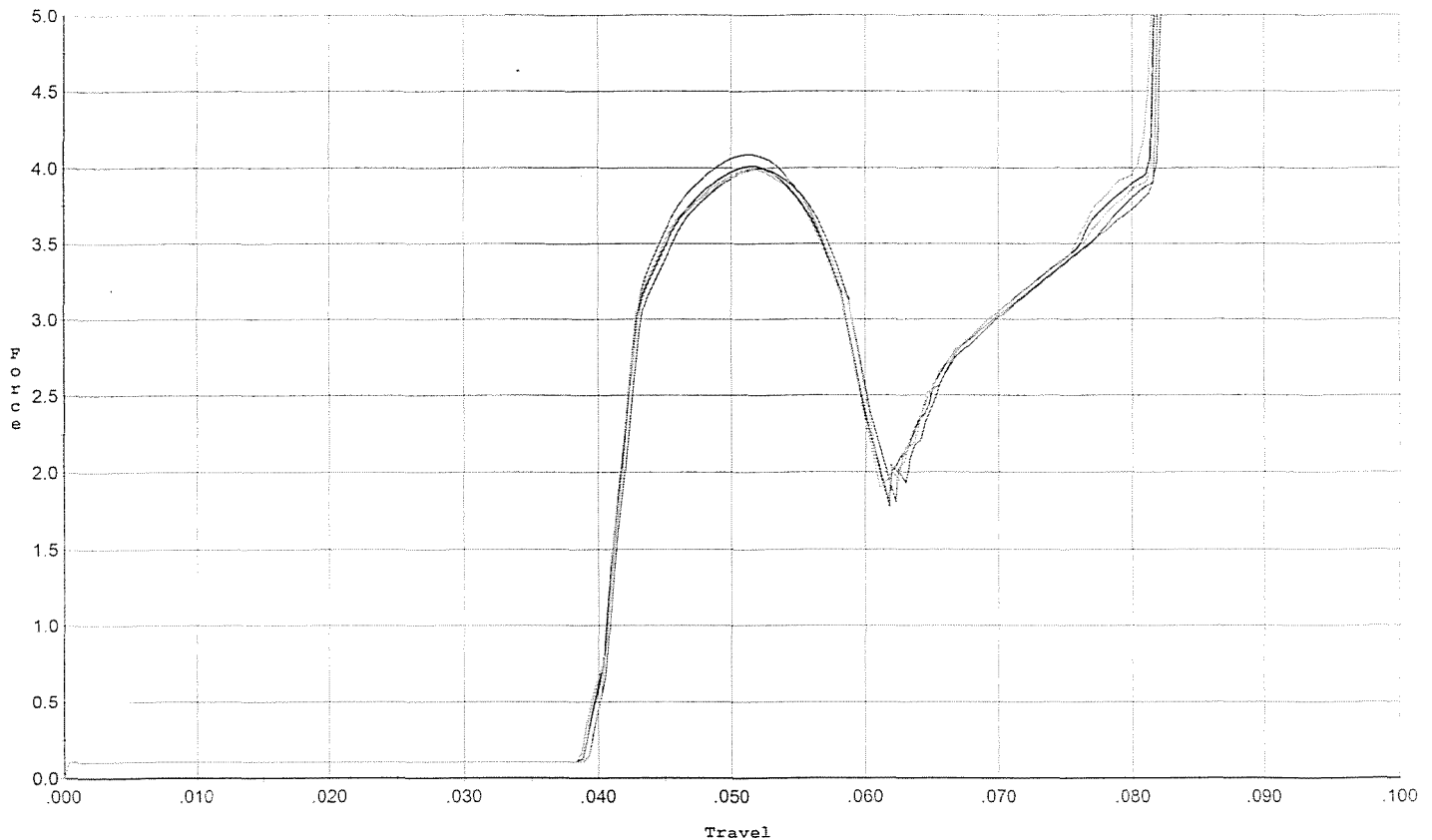
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.120	0.053	0.035	0.030	0.052		Set Trigger
2	3.085	0.053	0.035	0.030	0.052		Set Trigger
3	3.139	0.053	0.035	0.030	0.052		Set Trigger
4	3.080	0.052	0.034	0.030	0.052		Set Trigger
5	3.213	0.053	0.035	0.030	0.053		Set Trigger

AVG 3.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/03/07

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



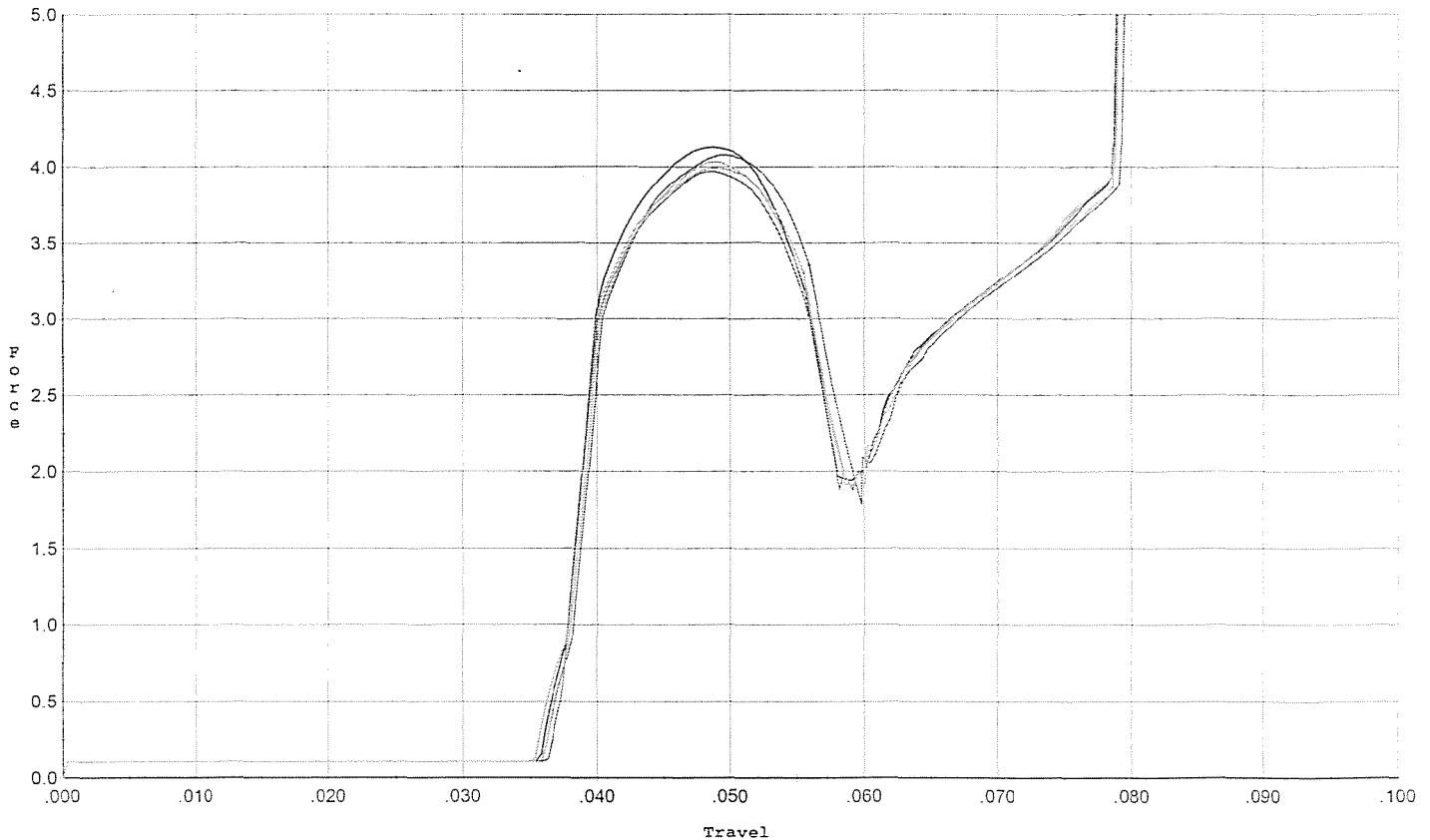
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.998	0.059	0.040	0.028	0.070		Set Trigger
2	4.012	0.058	0.039	0.028	0.069		Set Trigger
3	4.086	0.058	0.039	0.028	0.070		Set Trigger
4	3.989	0.059	0.040	0.028	0.070		Set Trigger
5	3.994	0.058	0.039	0.028	0.069		Set Trigger

Avg 4.01

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/03/07

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



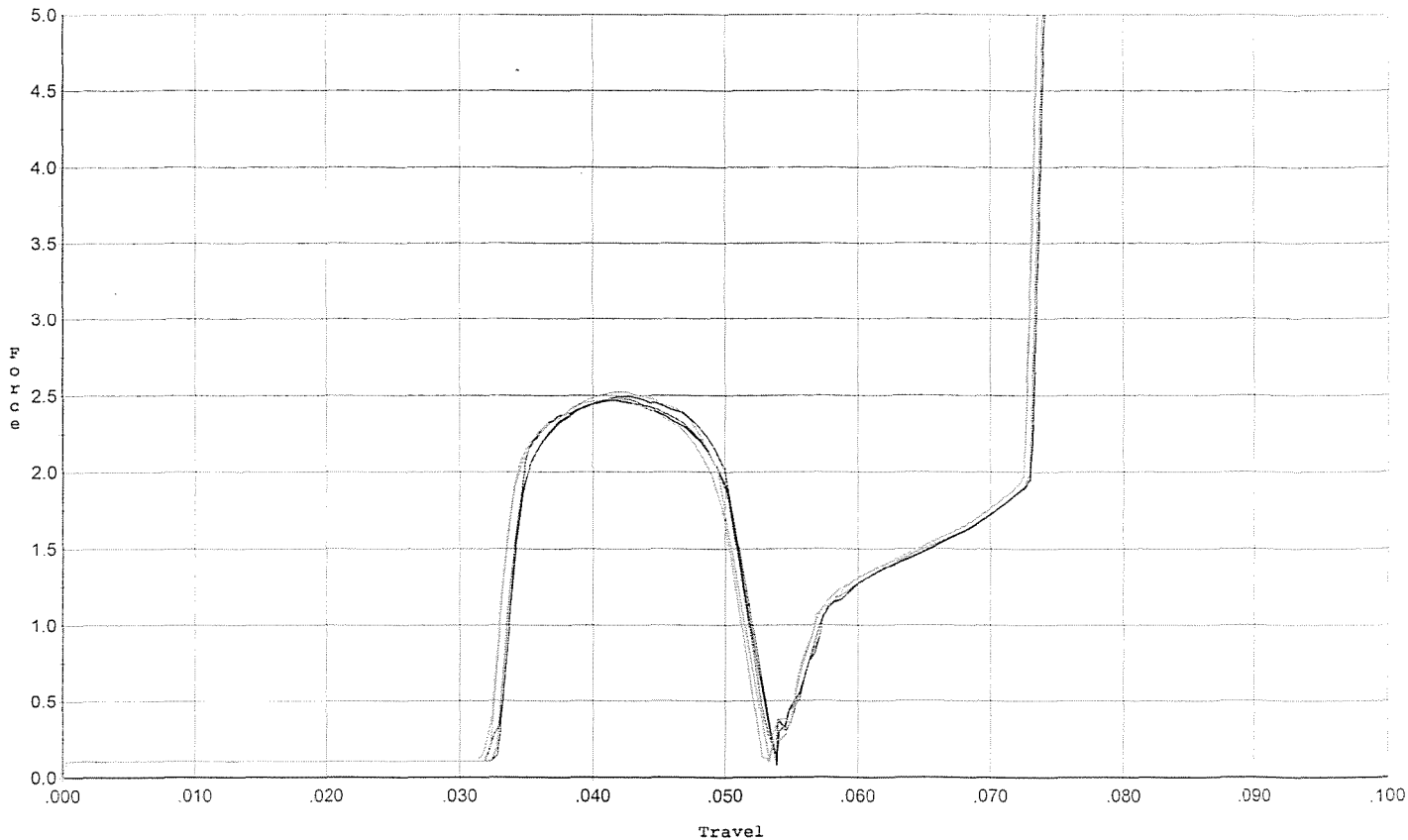
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.080	0.056	0.036	0.028	0.071		Set Trigger
2	4.131	0.056	0.036	0.028	0.072		Set Trigger
3	3.975	0.056	0.037	0.028	0.069		Set Trigger
4	4.033	0.056	0.036	0.028	0.069		Set Trigger
5	3.994	0.055	0.036	0.028	0.070		Set Trigger

AVG 4.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 4/03/07

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



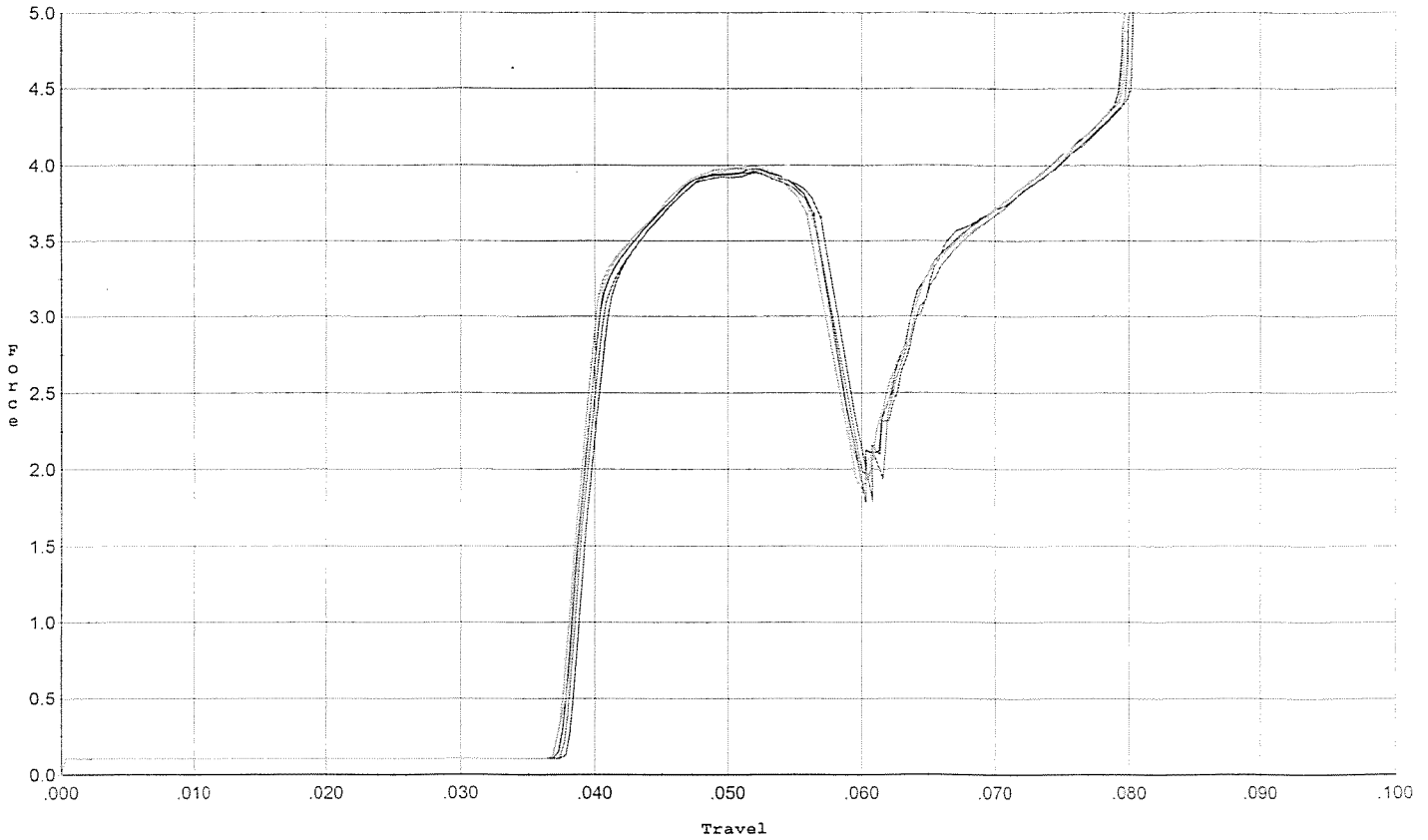
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.495	0.052	0.032	0.030	0.044		Set Trigger
2	2.467	0.050	0.033	0.031	0.042		Set Trigger
3	2.478	0.050	0.033	0.030	0.042		Set Trigger
4	2.480	0.050	0.032	0.031	0.042		Set Trigger
5	2.526	0.049	0.032	0.031	0.043		Set Trigger

AVG 2.48

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/03/07

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	3.961	0.057	0.038	0.027	0.073		Set Trigger
2	3.978	0.056	0.038	0.027	0.073		Set Trigger
3	3.952	0.056	0.038	0.027	0.072		Set Trigger
4	3.996	0.057	0.037	0.027	0.073		Set Trigger
5	3.980	0.056	0.037	0.028	0.072		Set Trigger

AVG 3.97

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635166.__0
FILE DATE AND TIME: 04/05/2007 14:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	-0.031
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.812
The Distance from POA to Centroid Target #1:	0.165
The Distance from Centroid Target #2 to Centroid Target #1:	0.254
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.125
The Distance from Centroid Target #5 to Centroid Target #1:	0.344

BARBER - M24 0142900

SERIAL NUMBER: G6635166.____0

TARGET NUMBER: 1

FILE DATE: 04/05/2007

FILE TIME: 14:55

X CENTROID: 0.115

Y CENTROID: 0.119

POA TO CENTROID: 0.165

HORZ SPREAD: 1.836

VERT SPREAD: 2.559

GROUP SPREAD: 2.574

MIN RADIUS: 0.441

MAX RADIUS: 1.536

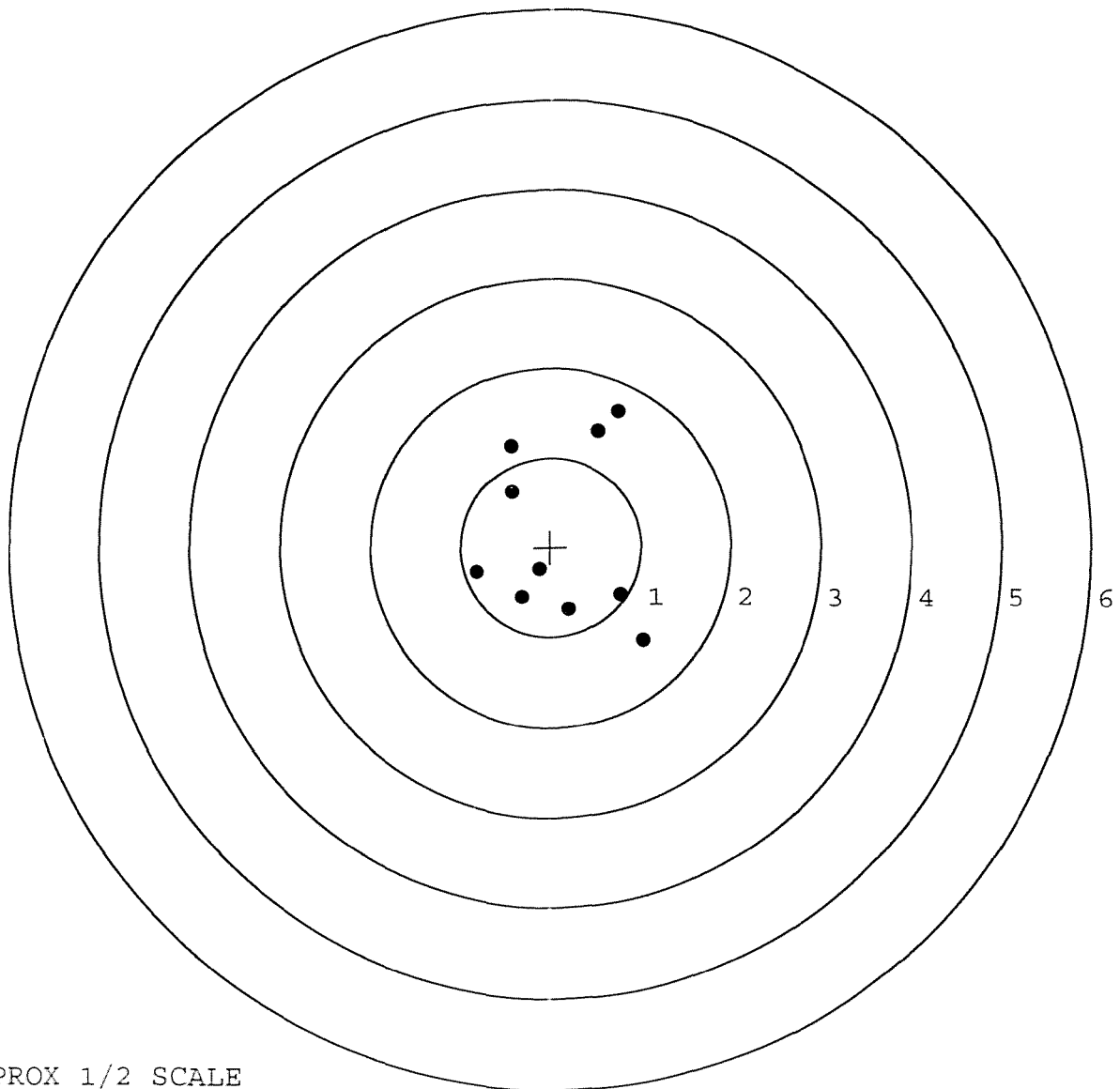
MEAN RADIUS: 1.016

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.020	-1.039
2:	0.774	-0.530
3:	0.206	-0.705
4:	-0.123	-0.252
5:	-0.317	-0.560
6:	-0.816	-0.289
7:	-0.431	0.618
8:	-0.437	1.132
9:	0.525	1.298
10:	0.746	1.520



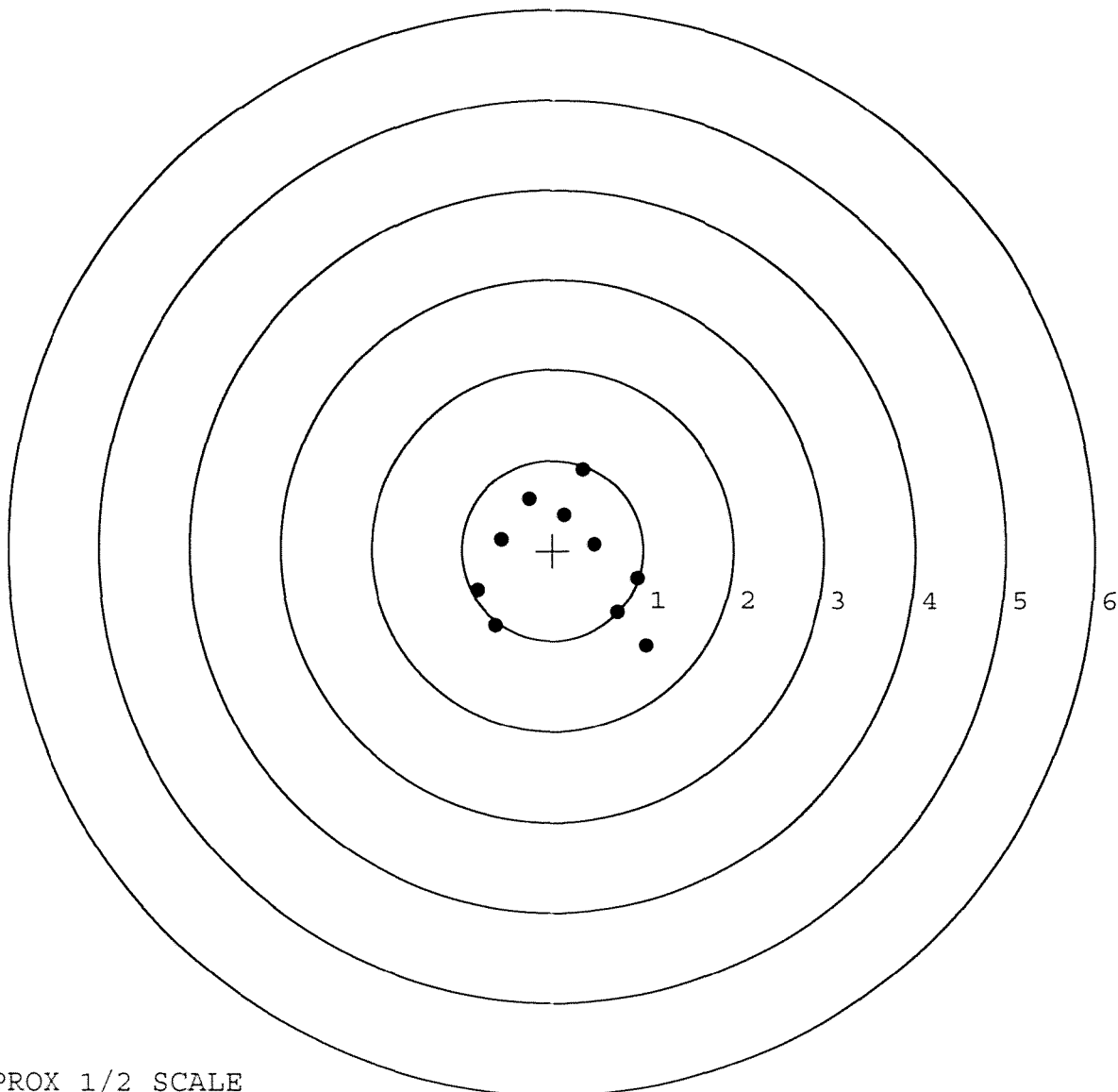
TARGET APPROX 1/2 SCALE

BARBER - M24 0142901

SERIAL NUMBER: G6635166. __0
TARGET NUMBER: 2
FILE DATE: 04/05/2007
FILE TIME: 14:55

X CENTROID: 0.134
Y CENTROID: -0.134
POA TO CENTROID: 0.190
HORZ SPREAD: 1.867
VERT SPREAD: 1.965
GROUP SPREAD: 2.086
MIN RADIUS: 0.385
MAX RADIUS: 1.295
MEAN RADIUS: 0.849
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.034	-1.066
2:	0.721	-0.700
3:	0.935	-0.319
4:	0.464	0.065
5:	0.129	0.393
6:	0.334	0.899
7:	-0.260	0.561
8:	-0.561	0.117
9:	-0.833	-0.448
10:	-0.622	-0.845



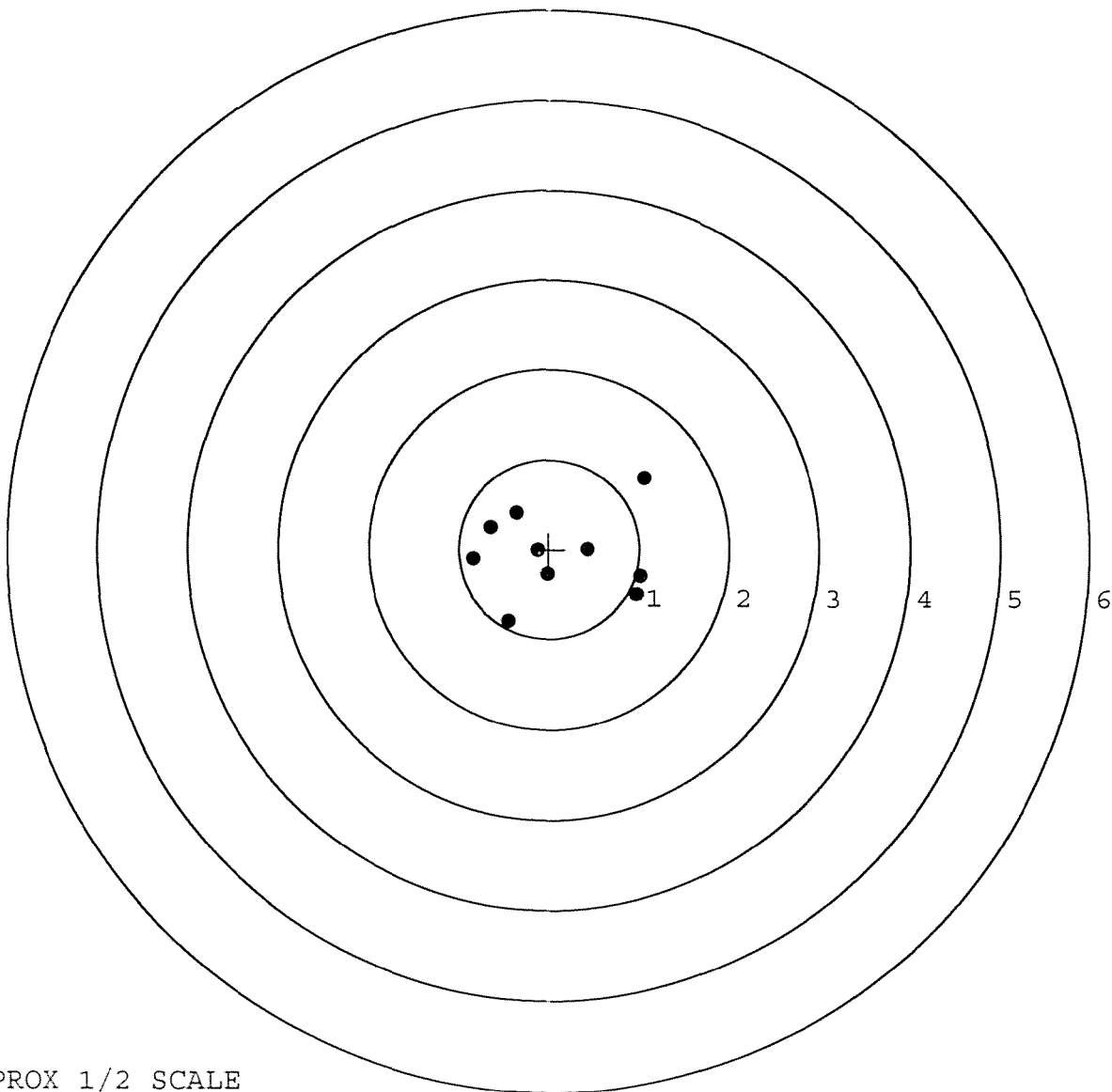
TARGET APPROX 1/2 SCALE

BARBER - M24 0142902

SERIAL NUMBER: G6635166. __0
TARGET NUMBER: 3
FILE DATE: 04/05/2007
FILE TIME: 14:55

X CENTROID: 0.104
Y CENTROID: -0.058
POA TO CENTROID: 0.119
HORZ SPREAD: 1.903
VERT SPREAD: 1.594
GROUP SPREAD: 2.189
MIN RADIUS: 0.234
MAX RADIUS: 1.275
MEAN RADIUS: 0.734
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.970	-0.512
2:	1.008	-0.301
3:	0.431	-0.004
4:	1.059	0.787
5:	-0.017	-0.276
6:	-0.125	-0.009
7:	-0.355	0.404
8:	-0.644	0.245
9:	-0.844	-0.112
10:	-0.441	-0.807



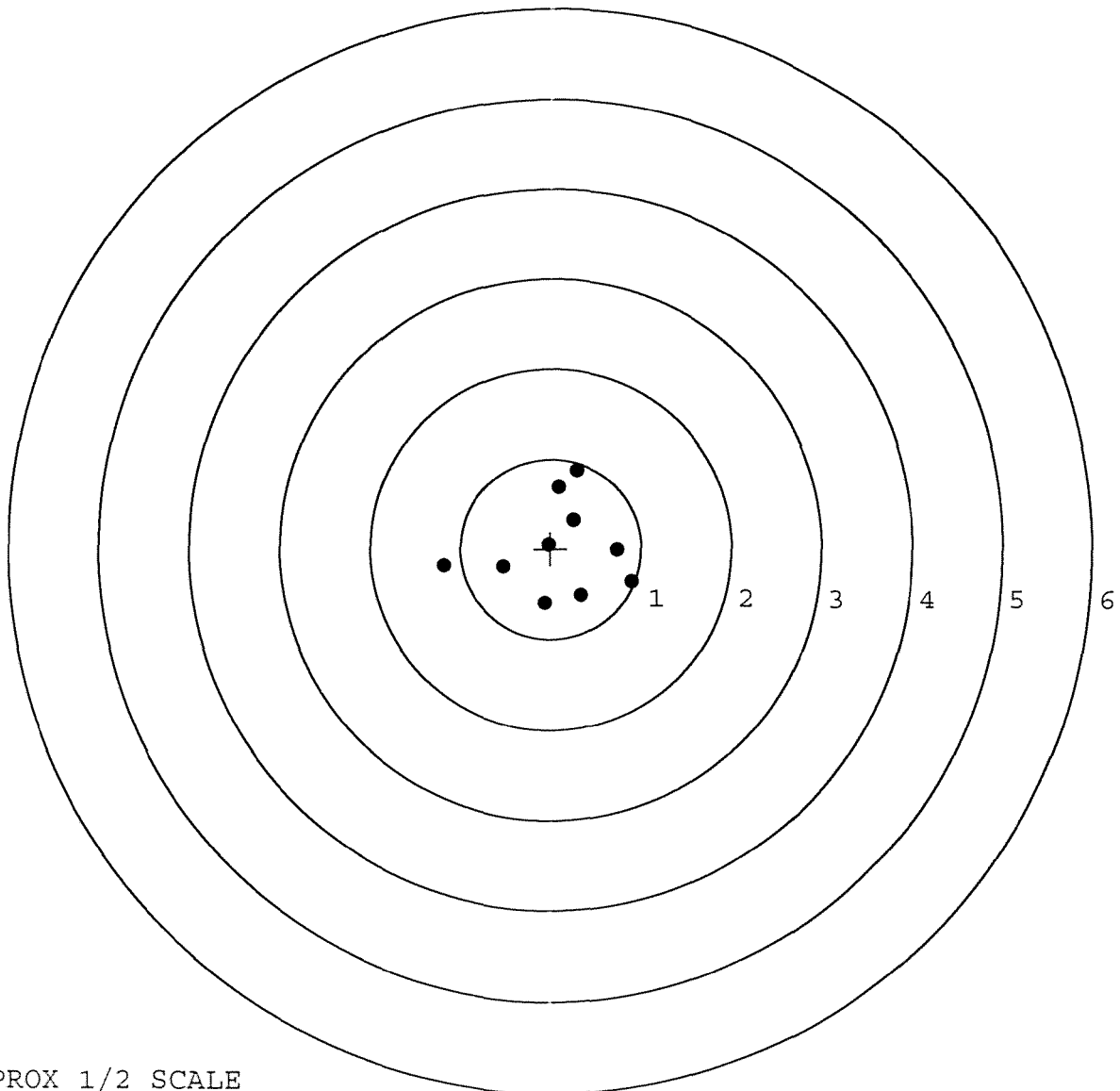
TARGET APPROX 1/2 SCALE

BARBER - M24 0142903

SERIAL NUMBER: G6635166. __0
TARGET NUMBER: 4
FILE DATE: 04/05/2007
FILE TIME: 14:55

X CENTROID: 0.080
Y CENTROID: 0.000
POA TO CENTROID: 0.080
HORZ SPREAD: 2.076
VERT SPREAD: 1.480
GROUP SPREAD: 2.082
MIN RADIUS: 0.114
MAX RADIUS: 1.278
MEAN RADIUS: 0.673
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.895	-0.367
2:	0.737	-0.020
3:	0.339	-0.521
4:	-0.069	-0.607
5:	-0.525	-0.203
6:	-1.181	-0.206
7:	0.292	0.873
8:	0.091	0.686
9:	0.247	0.317
10:	-0.025	0.045



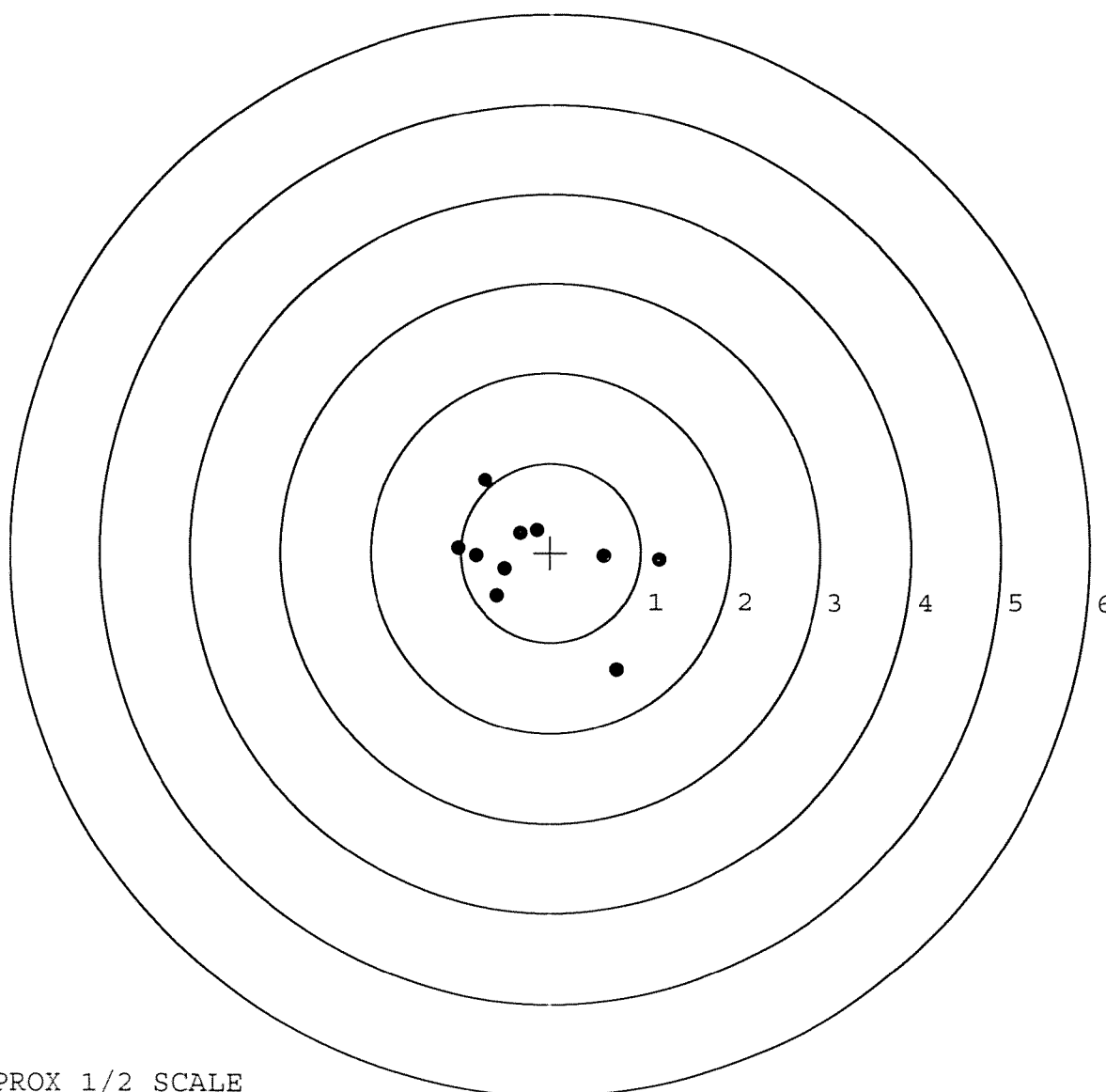
TARGET APPROX 1/2 SCALE

BARBER - M24 0142904

SERIAL NUMBER: G6635166. __0
TARGET NUMBER: 5
FILE DATE: 04/05/2007
FILE TIME: 14:55

X CENTROID: -0.164
Y CENTROID: -0.082
POA TO CENTROID: 0.183
HORZ SPREAD: 2.232
VERT SPREAD: 2.120
GROUP SPREAD: 2.577
MIN RADIUS: 0.333
MAX RADIUS: 1.524
MEAN RADIUS: 0.787
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.738	-1.310
2:	1.202	-0.082
3:	0.595	-0.045
4:	-0.594	-0.484
5:	-0.509	-0.185
6:	-0.149	0.251
7:	-0.334	0.214
8:	-0.832	-0.039
9:	-1.030	0.051
10:	-0.727	0.810



TARGET APPROX 1/2 SCALE