

BARBER - M24 0143466

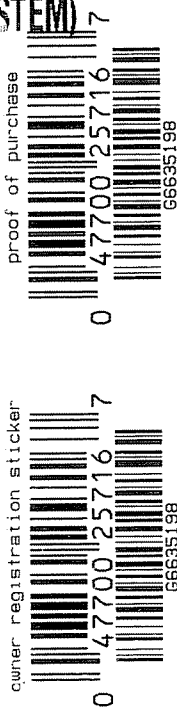
8615-198

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0143466 M2400143505

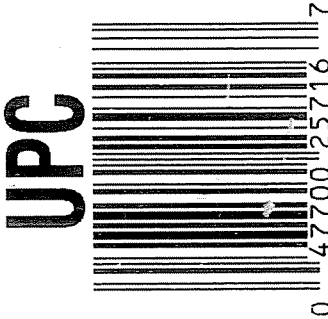
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635198



DD FORM

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



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



SERIAL NO.



GUN SERIAL # 66635198

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-23-07	RTZ
420	ASSEMBLE ACTION		3-27-07	RTZ
430	ASSEMBLE TO STOCK		3-23-07	TRW
440	PROOF		3-23-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-23-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 26 2007	3-23-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	3-26-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-26-07	CW
510	DRILL AND TAP SIGHT HOLES		3-23-07	SD
520	GOFF BLAST BBL / REC		3-23-07	PC
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-30-07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/9/07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/9/07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/9/07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		4/9/07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	non

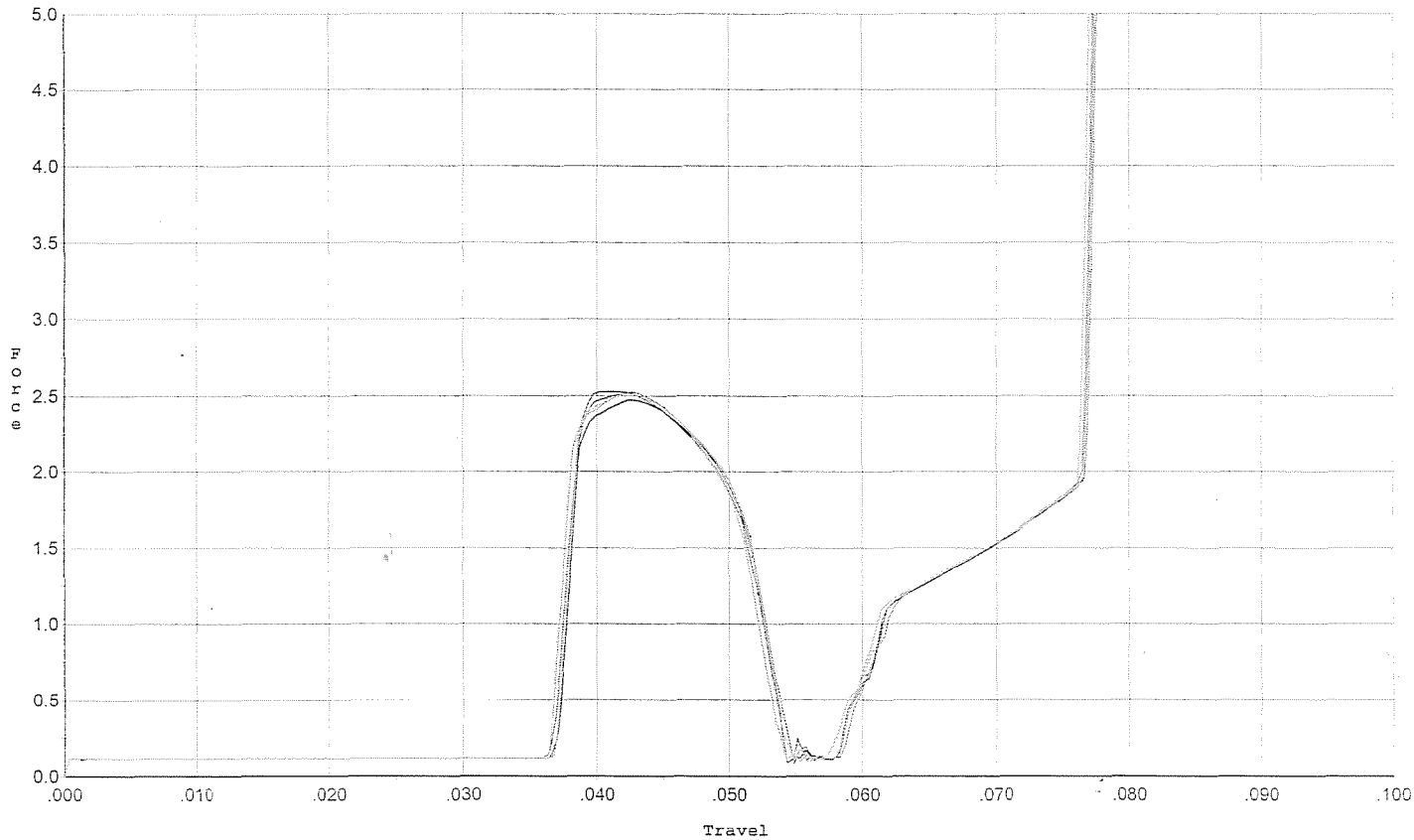
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.75</u> <u>8.5</u> <u>8.5</u>	4-25-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>3.0</u> <u>3.0</u>	4-25-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/25/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.0235</u> <u>.023</u>	4-25-07	TRW
	J) ASSEMBLE STOCK		4/9/07	R.P.D.
	K) ASSEMBLE SWIVEL STUDS		4/25/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/25/07	non
	M) IRON SIGHT ALIGNMENT		4/25/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/25/07	non
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	4-16-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-16-07	Fm
670	FINAL INSPECTION A) HEADSPACE		4/25/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>244</u> <u>243</u> <u>255</u> <u>283</u> <u>240</u>	4/18/07	non
	C) FUNCTION		4/25/07	non
690	PACK		4/26/07	OT

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07
Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



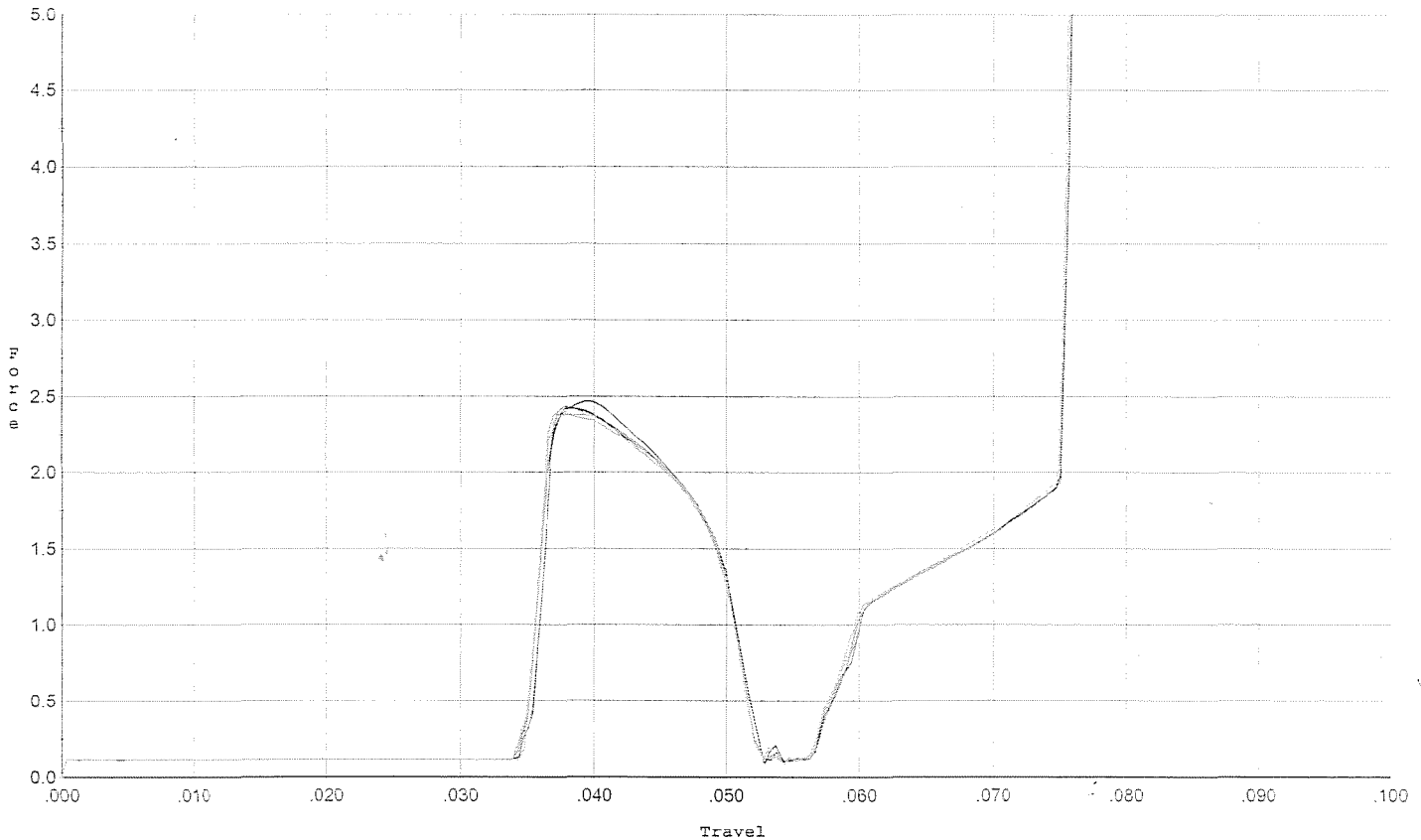
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.529	0.052	0.037	0.033	0.037		Set Trigger
2	2.473	0.052	0.037	0.033	0.036		Set Trigger
3	2.524	0.052	0.037	0.033	0.036		Set Trigger
4	2.513	0.052	0.037	0.033	0.037		Set Trigger
5	2.514	0.051	0.037	0.033	0.036		Set Trigger

AVG 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07

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



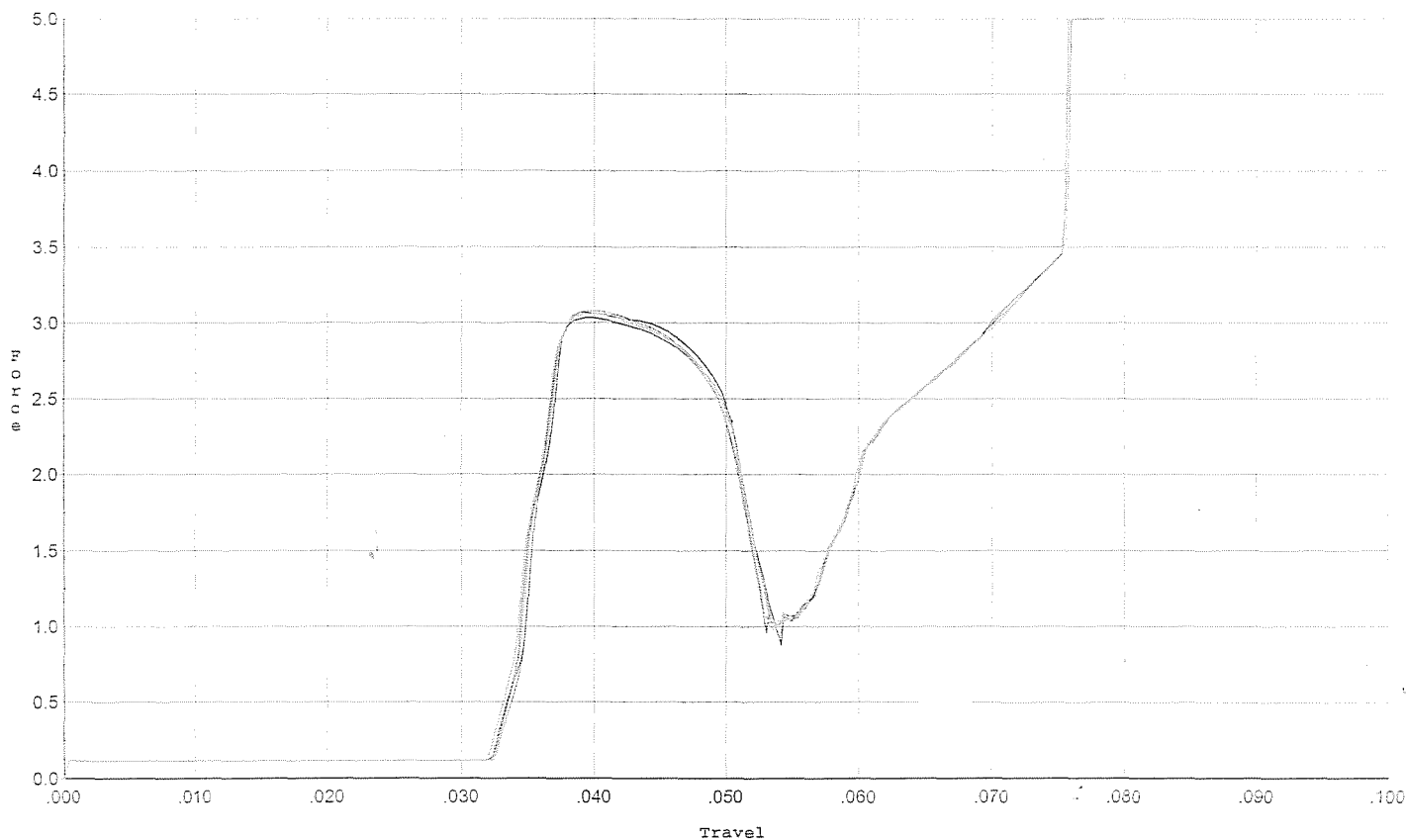
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.469	0.050	0.035	0.033	0.035		Set Trigger
2	2.423	0.050	0.035	0.033	0.034		Set Trigger
3	2.437	0.050	0.034	0.033	0.034		Set Trigger
4	2.409	0.050	0.034	0.033	0.035		Set Trigger
5	2.379	0.050	0.035	0.033	0.034		Set Trigger

AVG 2.42

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07

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



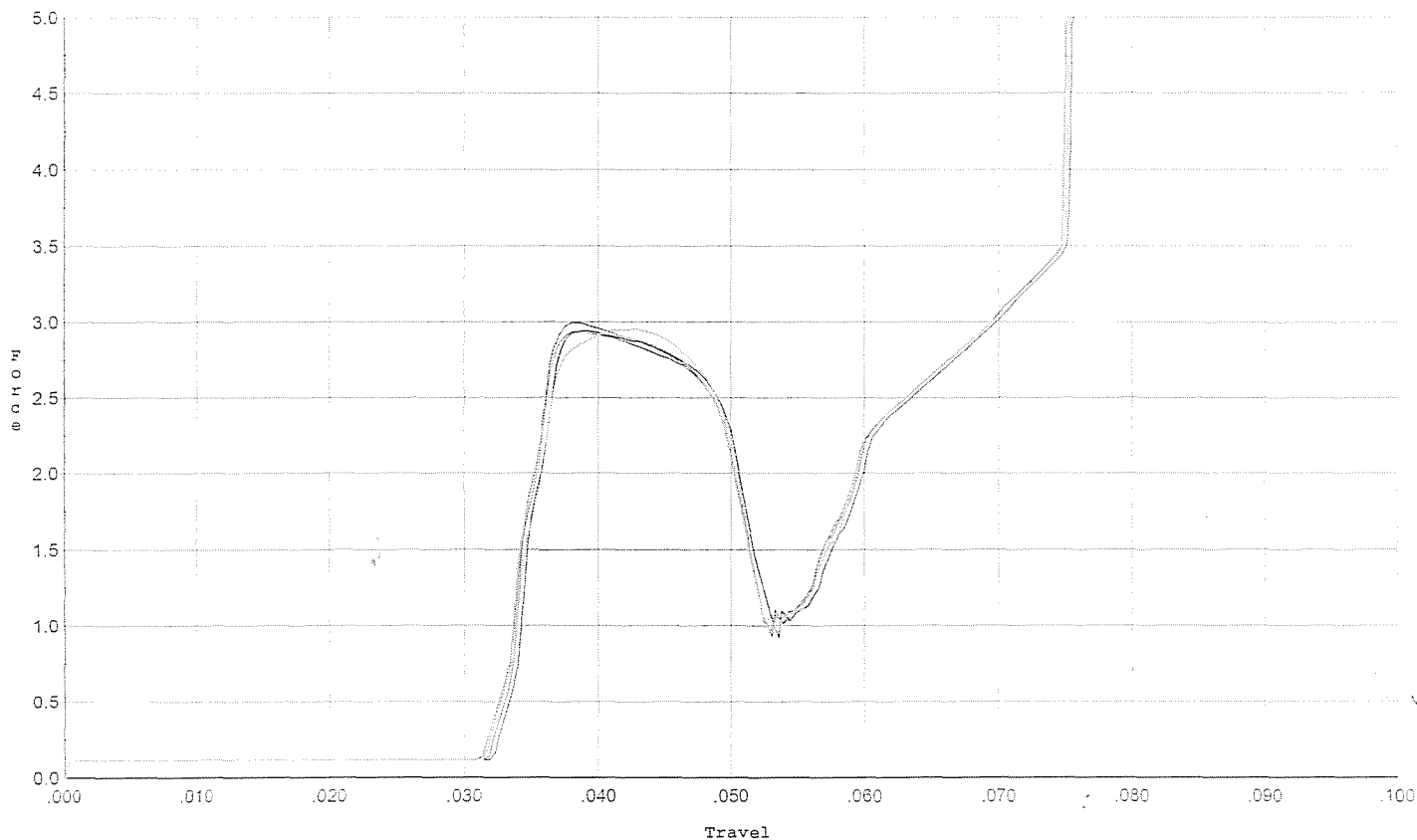
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.033	0.051	0.033	0.031	0.050		Set Trigger
2	3.068	0.050	0.033	0.031	0.049		Set Trigger
3	3.080	0.051	0.033	0.031	0.049		Set Trigger
4	3.083	0.050	0.033	0.031	0.049		Set Trigger
5	3.060	0.051	0.032	0.031	0.050		Set Trigger

AVG 3.06

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07

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



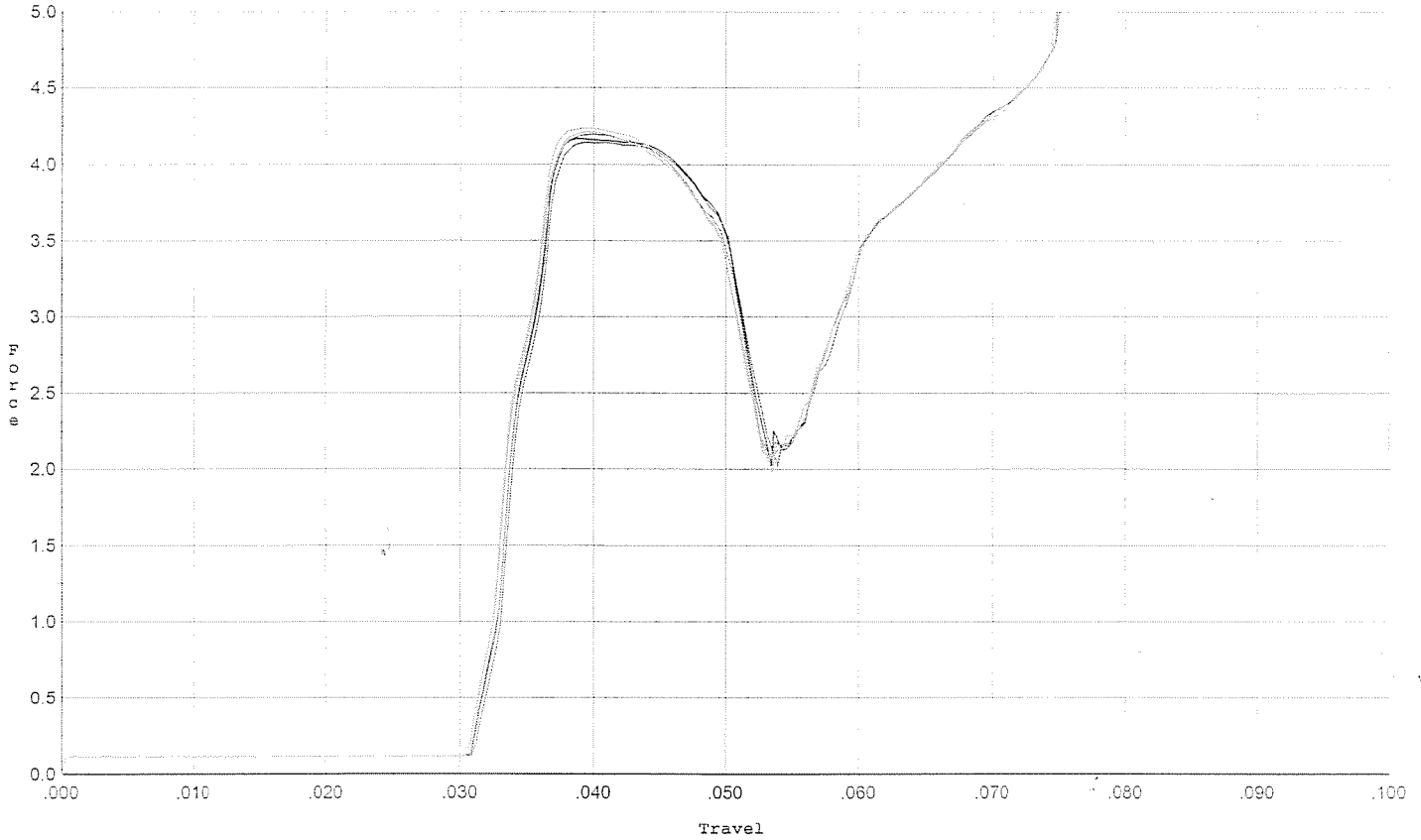
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.936	0.049	0.032	0.031	0.048		Set Trigger
2	2.942	0.050	0.033	0.031	0.048		Set Trigger
3	2.996	0.051	0.032	0.031	0.049		Set Trigger
4	2.953	0.050	0.032	0.031	0.049		Set Trigger
5	2.939	0.049	0.032	0.031	0.048		Set Trigger

AVG 2.95

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07

Model: M24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



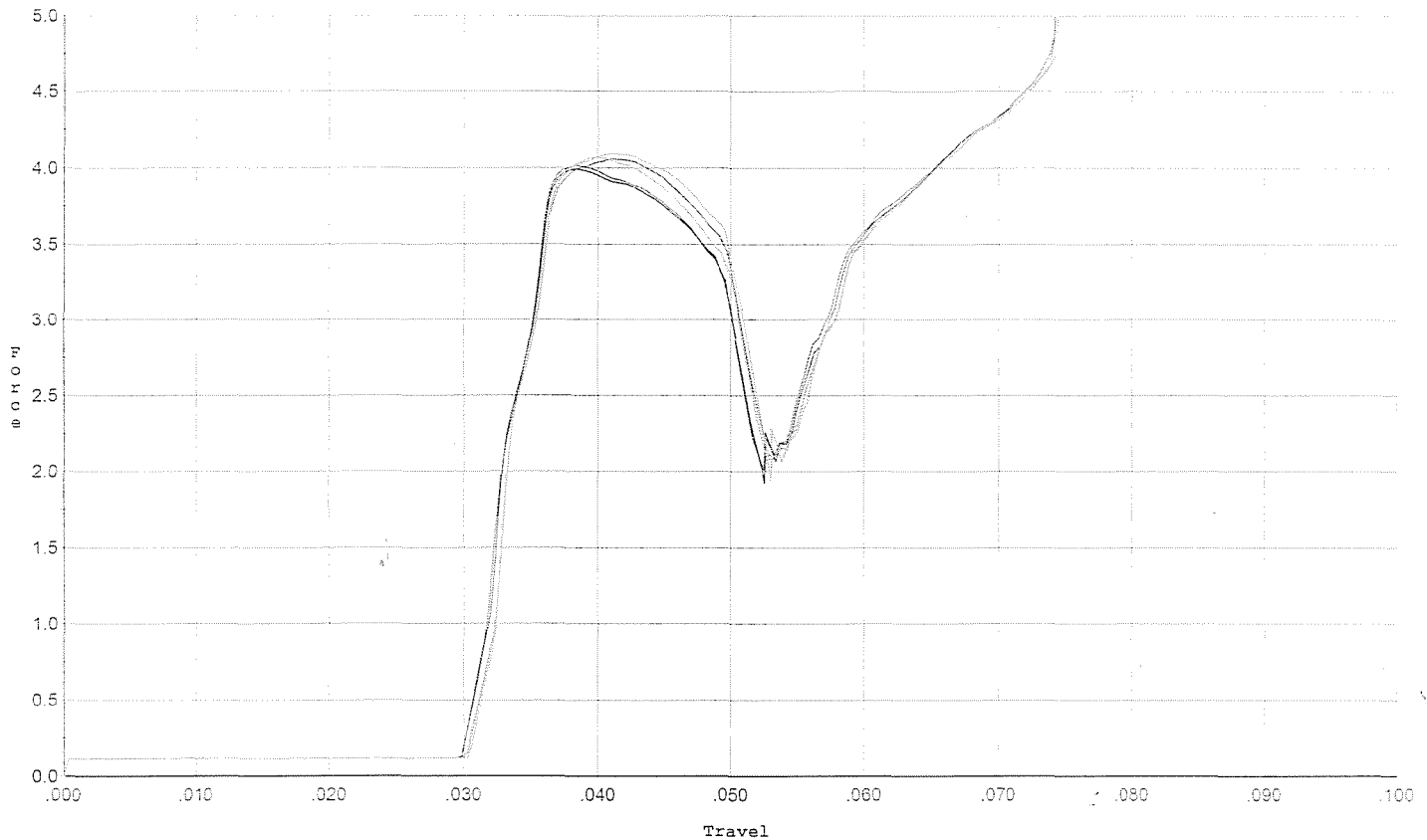
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.142	0.050	0.031	0.029	0.071		Set Trigger
2	4.168	0.050	0.031	0.029	0.072		Set Trigger
3	4.196	0.050	0.031	0.029	0.072		Set Trigger
4	4.238	0.050	0.031	0.029	0.071		Set Trigger
5	4.212	0.051	0.031	0.029	0.073		Set Trigger

AVG 4.19

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/09/07

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



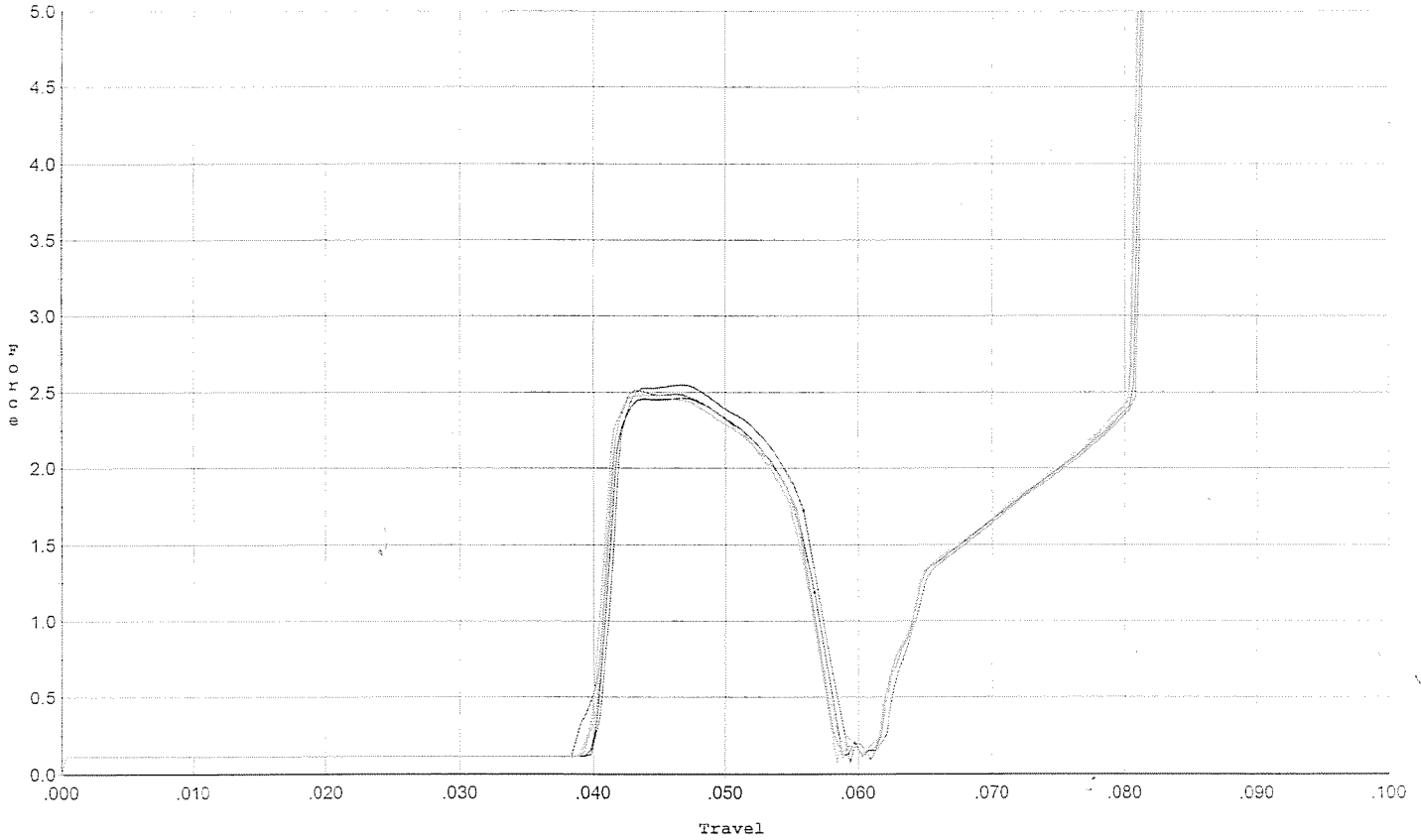
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.015	0.050	0.030	0.029	0.069		Set Trigger
2	3.992	0.050	0.030	0.029	0.068		Set Trigger
3	4.058	0.050	0.031	0.029	0.070		Set Trigger
4	4.094	0.051	0.031	0.028	0.073		Set Trigger
5	4.070	0.050	0.031	0.029	0.069		Set Trigger

Avg 4.11

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07

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



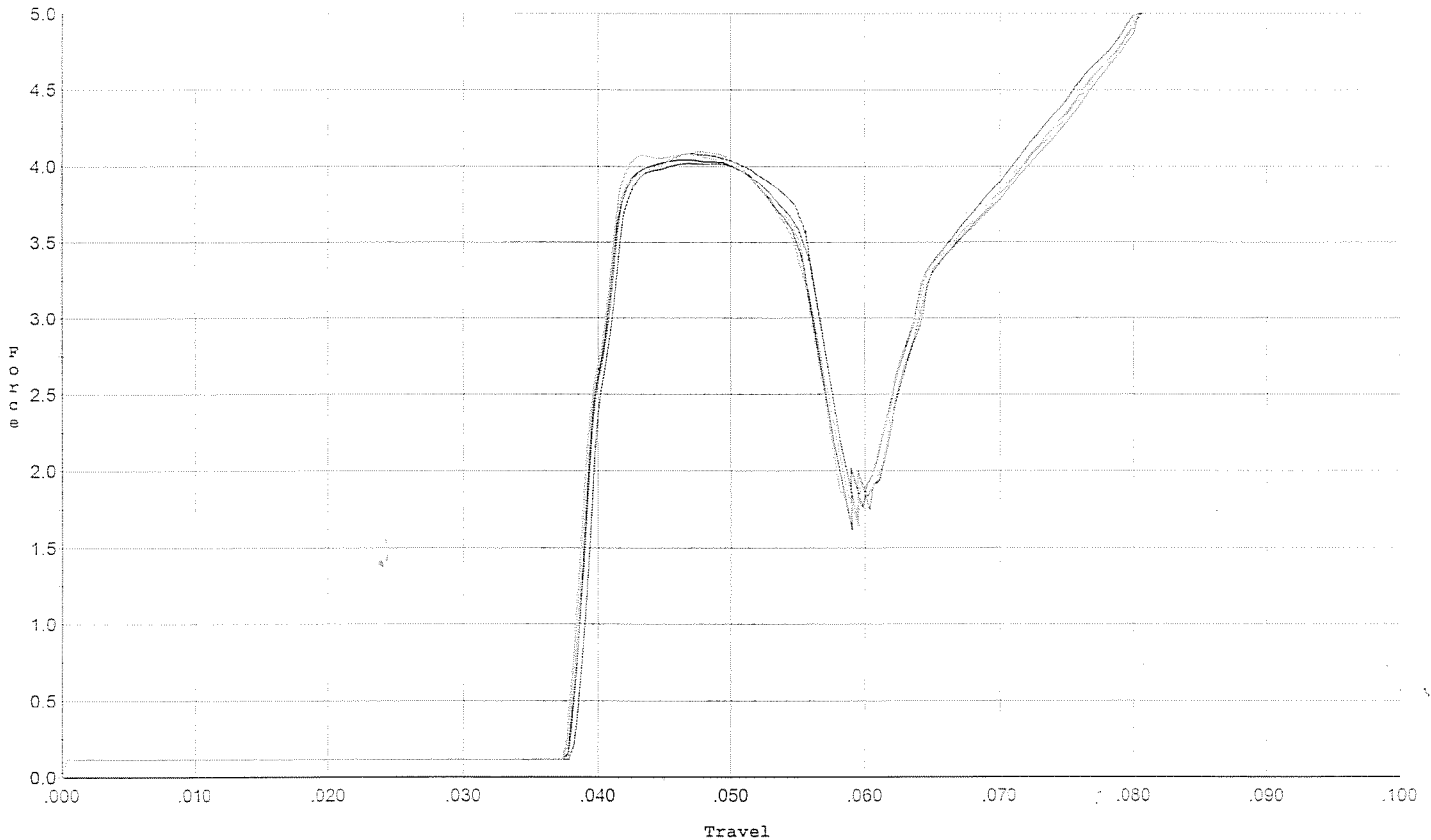
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.548	0.056	0.040	0.032	0.040		Set Trigger
2	2.462	0.057	0.040	0.032	0.040		Set Trigger
3	2.513	0.056	0.039	0.032	0.040		Set Trigger
4	2.479	0.056	0.040	0.032	0.039		Set Trigger
5	2.488	0.055	0.040	0.032	0.039		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/09/07

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	4.020	0.056	0.038	0.029	0.070		Set Trigger
2	4.045	0.055	0.038	0.029	0.069		Set Trigger
3	4.082	0.056	0.038	0.029	0.071		Set Trigger
4	4.081	0.055	0.038	0.029	0.070		Set Trigger
5	4.097	0.056	0.038	0.029	0.071		Set Trigger

AVG 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635198.___0
FILE DATE AND TIME: 04/16/2007 15:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.090
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.676
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.027
The Distance from Centroid Target #3 to Centroid Target #1:	0.089
The Distance from Centroid Target #4 to Centroid Target #1:	0.275
The Distance from Centroid Target #5 to Centroid Target #1:	0.116

BARBER - M24 0143480

SERIAL NUMBER: G6635198. __0

TARGET NUMBER: 1

FILE DATE: 04/16/2007

FILE TIME: 15:05

X CENTROID: -0.180

Y CENTROID: -0.053

POA TO CENTROID: 0.188

HORZ SPREAD: 3.023

VERT SPREAD: 1.466

GROUP SPREAD: 3.360

MIN RADIUS: 0.119

MAX RADIUS: 2.063

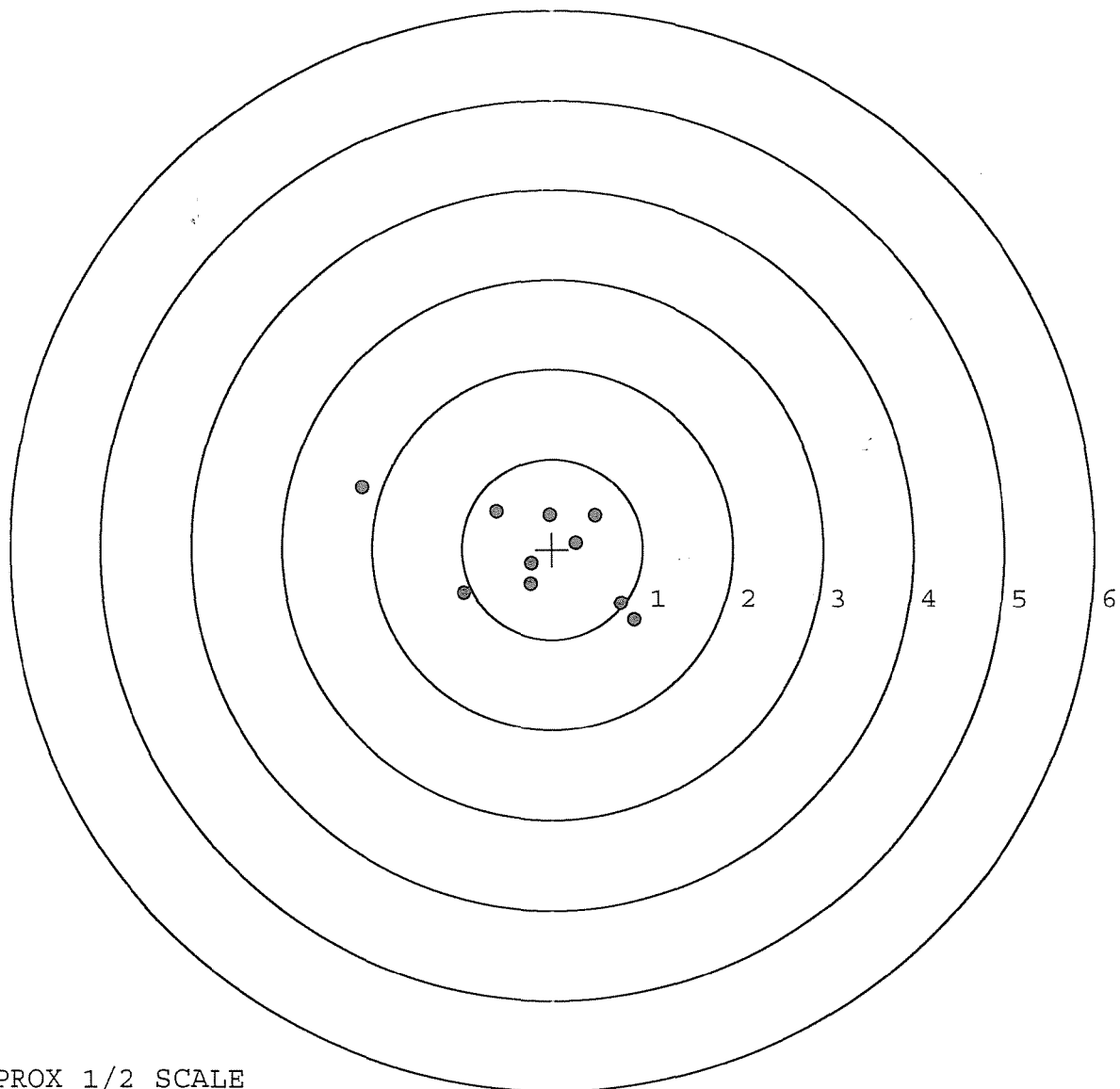
MEAN RADIUS: 0.818

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.911	-0.793
2:	0.766	-0.600
3:	0.265	0.071
4:	0.480	0.371
5:	-0.032	0.374
6:	-0.618	0.411
7:	-0.234	-0.159
8:	-0.246	-0.385
9:	-0.983	-0.489
10:	-2.112	0.673



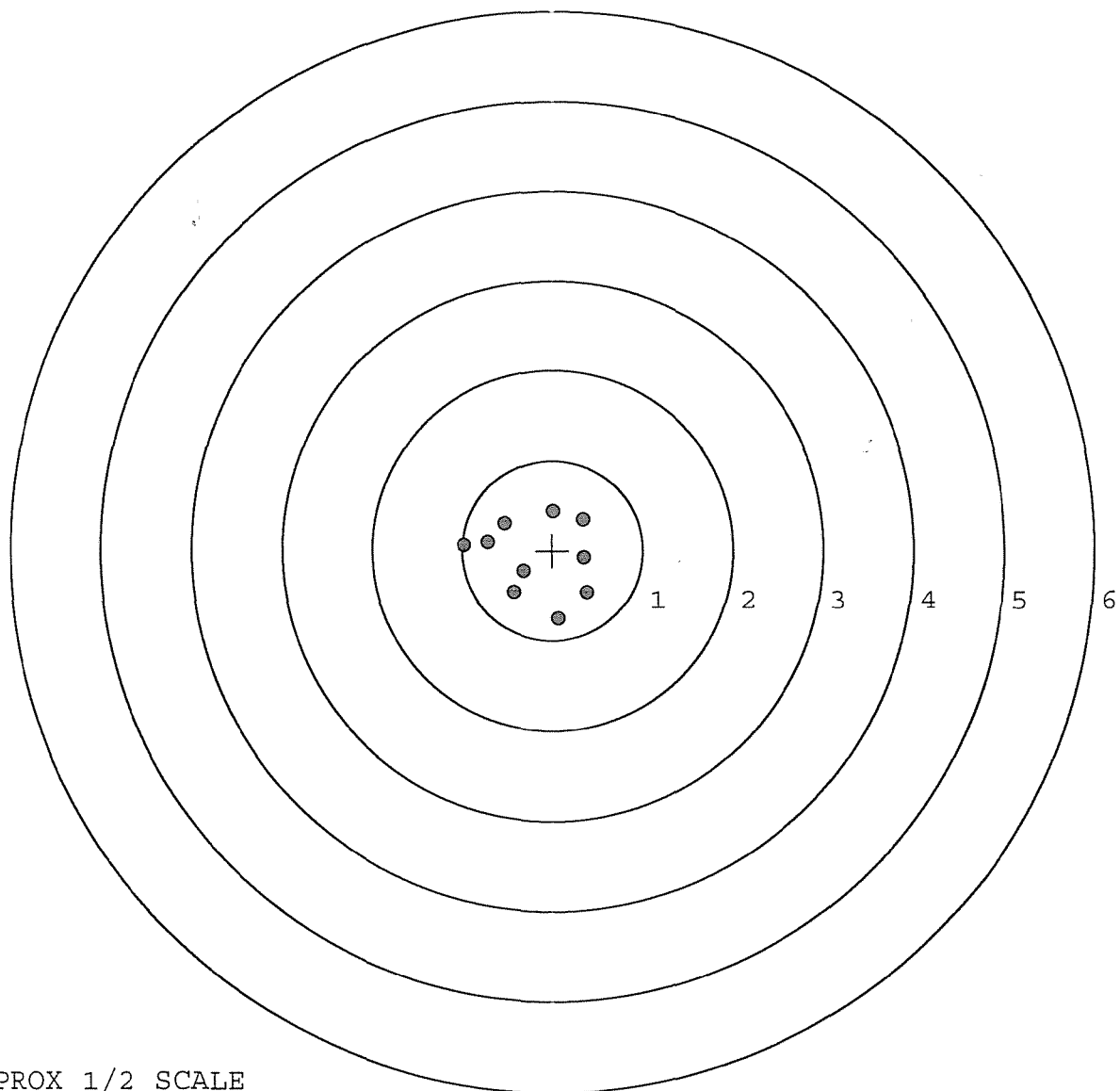
TARGET APPROX 1/2 SCALE

BARBER - M24 0143481

SERIAL NUMBER: G6635198. __0
TARGET NUMBER: 2
FILE DATE: 04/16/2007
FILE TIME: 15:05

X CENTROID: -0.183
Y CENTROID: -0.080
POA TO CENTROID: 0.199
HORZ SPREAD: 1.370
VERT SPREAD: 1.200
GROUP SPREAD: 1.466
MIN RADIUS: 0.206
MAX RADIUS: 0.812
MEAN RADIUS: 0.573
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.386	-0.467
2:	0.070	-0.765
3:	-0.431	-0.470
4:	-0.322	-0.231
5:	0.348	-0.082
6:	0.345	0.344
7:	0.013	0.435
8:	-0.531	0.298
9:	-0.720	0.088
10:	-0.984	0.054



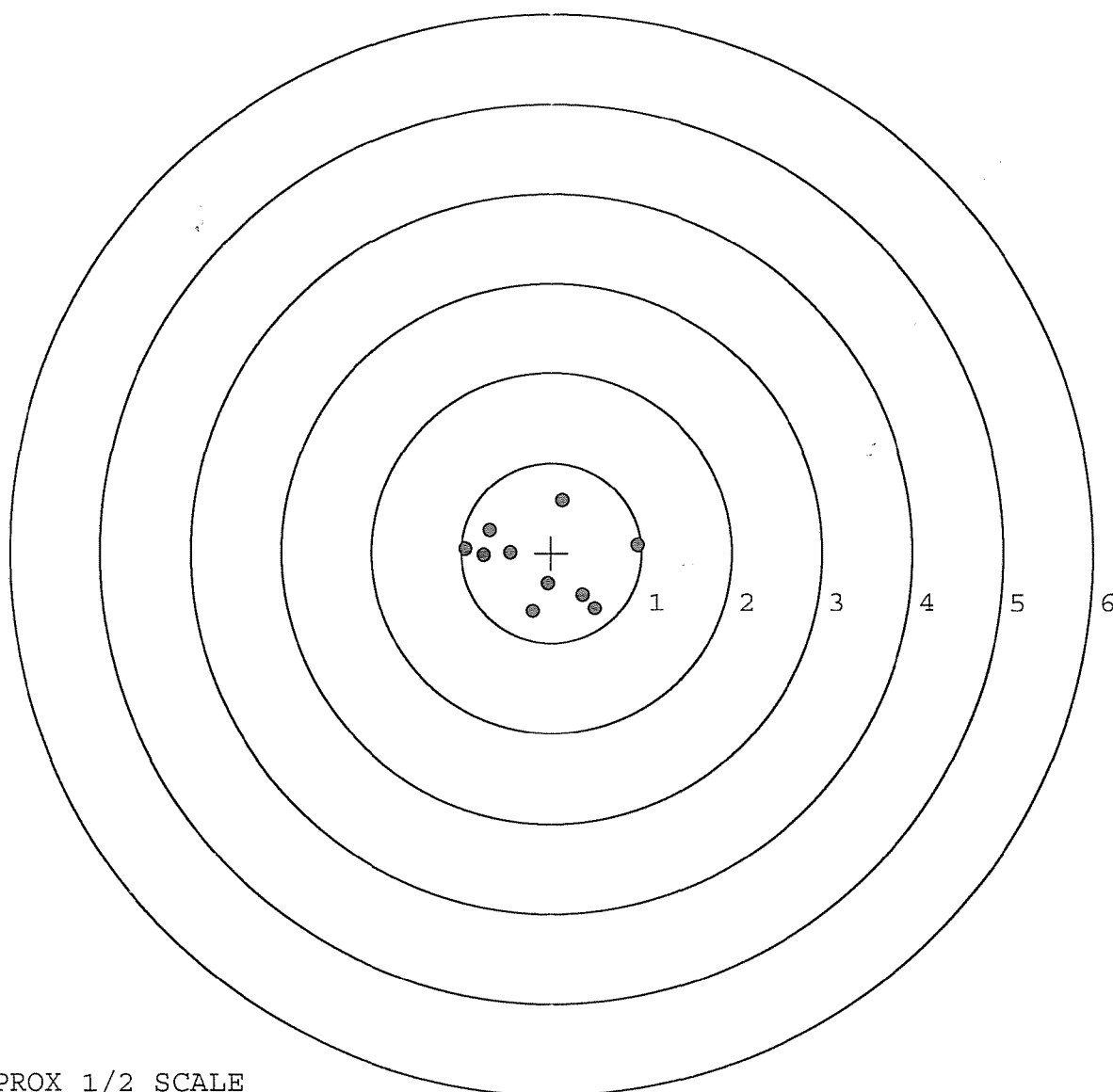
TARGET APPROX 1/2 SCALE

BARBER - M24 0143482

SERIAL NUMBER: G6635198.___0
TARGET NUMBER: 3
FILE DATE: 04/16/2007
FILE TIME: 15:05

X CENTROID: -0.118
Y CENTROID: -0.116
POA TO CENTROID: 0.166
HORZ SPREAD: 1.914
VERT SPREAD: 1.232
GROUP SPREAD: 1.914
MIN RADIUS: 0.240
MAX RADIUS: 1.094
MEAN RADIUS: 0.650
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.958	0.083
2:	0.120	0.584
3:	0.484	-0.621
4:	0.347	-0.469
5:	-0.043	-0.344
6:	-0.207	-0.648
7:	-0.454	-0.004
8:	-0.684	0.248
9:	-0.956	0.041
10:	-0.747	-0.033



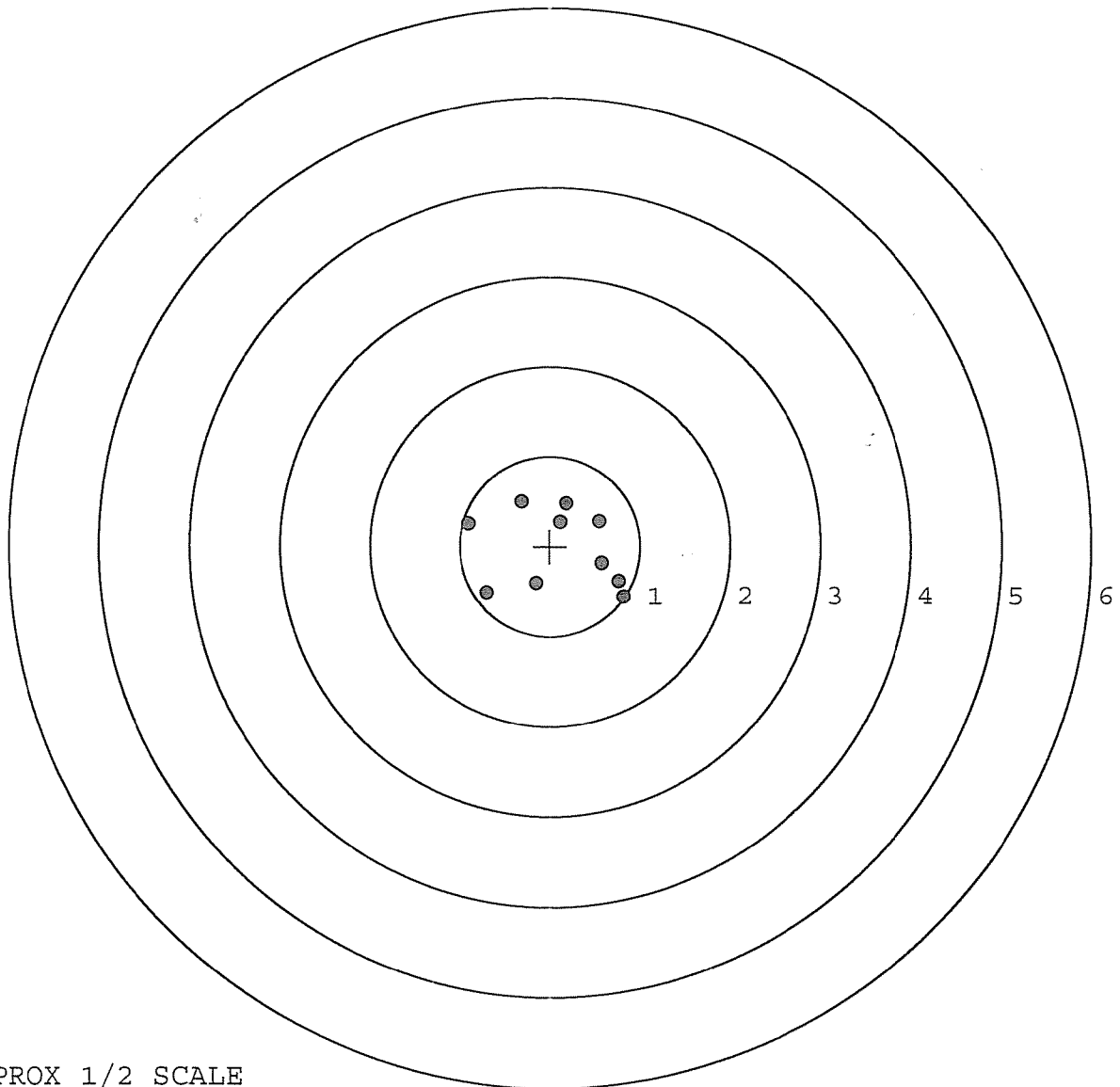
TARGET APPROX 1/2 SCALE

BARBER - M24 0143483

SERIAL NUMBER: G6635198.____0
TARGET NUMBER: 4
FILE DATE: 04/16/2007
FILE TIME: 15:05

X CENTROID: 0.094
Y CENTROID: -0.030
POA TO CENTROID: 0.099
HORZ SPREAD: 1.719
VERT SPREAD: 1.059
GROUP SPREAD: 1.901
MIN RADIUS: 0.299
MAX RADIUS: 1.033
MEAN RADIUS: 0.662
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.818	-0.563
2:	0.766	-0.392
3:	0.578	-0.193
4:	0.551	0.278
5:	0.186	0.477
6:	0.119	0.268
7:	-0.314	0.496
8:	-0.901	0.248
9:	-0.703	-0.514
10:	-0.159	-0.408



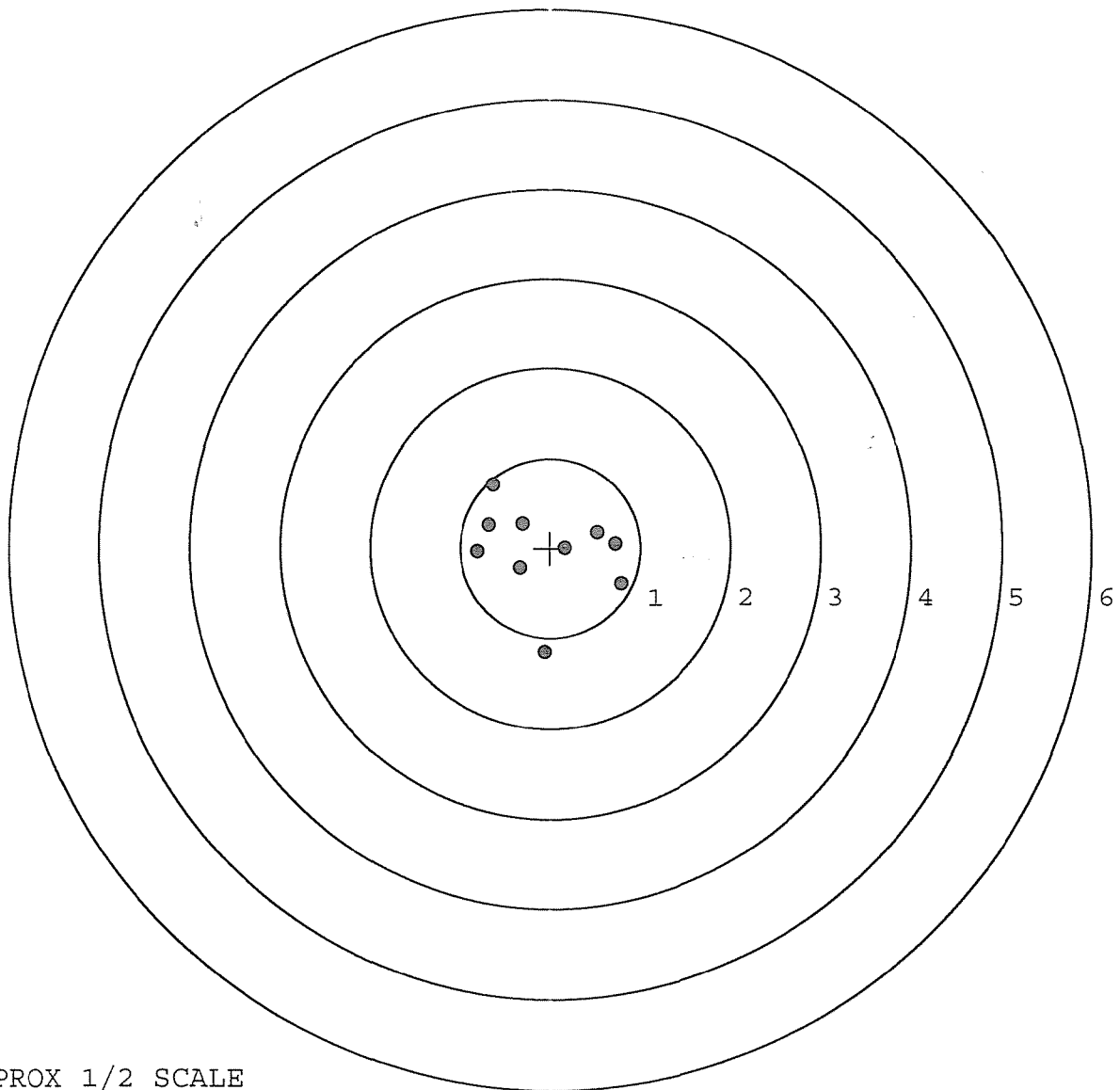
TARGET APPROX 1/2 SCALE

BARBER - M24 0143484

SERIAL NUMBER: G6635198.____0
TARGET NUMBER: 5
FILE DATE: 04/16/2007
FILE TIME: 15:05

X CENTROID: -0.065
Y CENTROID: -0.037
POA TO CENTROID: 0.075
HORZ SPREAD: 1.599
VERT SPREAD: 1.867
GROUP SPREAD: 1.955
MIN RADIUS: 0.228
MAX RADIUS: 1.124
MEAN RADIUS: 0.679
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.061	-1.161
2:	0.787	-0.399
3:	0.721	0.053
4:	0.523	0.174
5:	0.160	-0.003
6:	-0.640	0.706
7:	-0.812	-0.046
8:	-0.684	0.259
9:	-0.309	0.271
10:	-0.336	-0.222



TARGET APPROX 1/2 SCALE