

G-6635-169

BARBER - M24 0142944

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



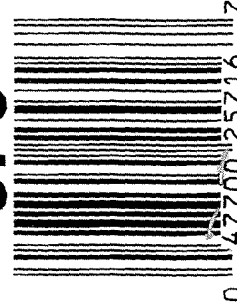
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6635169

UPC



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0142944 M2400142983

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 # G6635169

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-23-07	RTZ
420	ASSEMBLE ACTION		3-23-07	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		3/27/07	(JG)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-30-08	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4/11/07	APD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4/11/07	APD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4/11/07	APD
	D) OIL FIRING PIN ASSEMBLY		4/17/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	W

F004 REV 5/2006

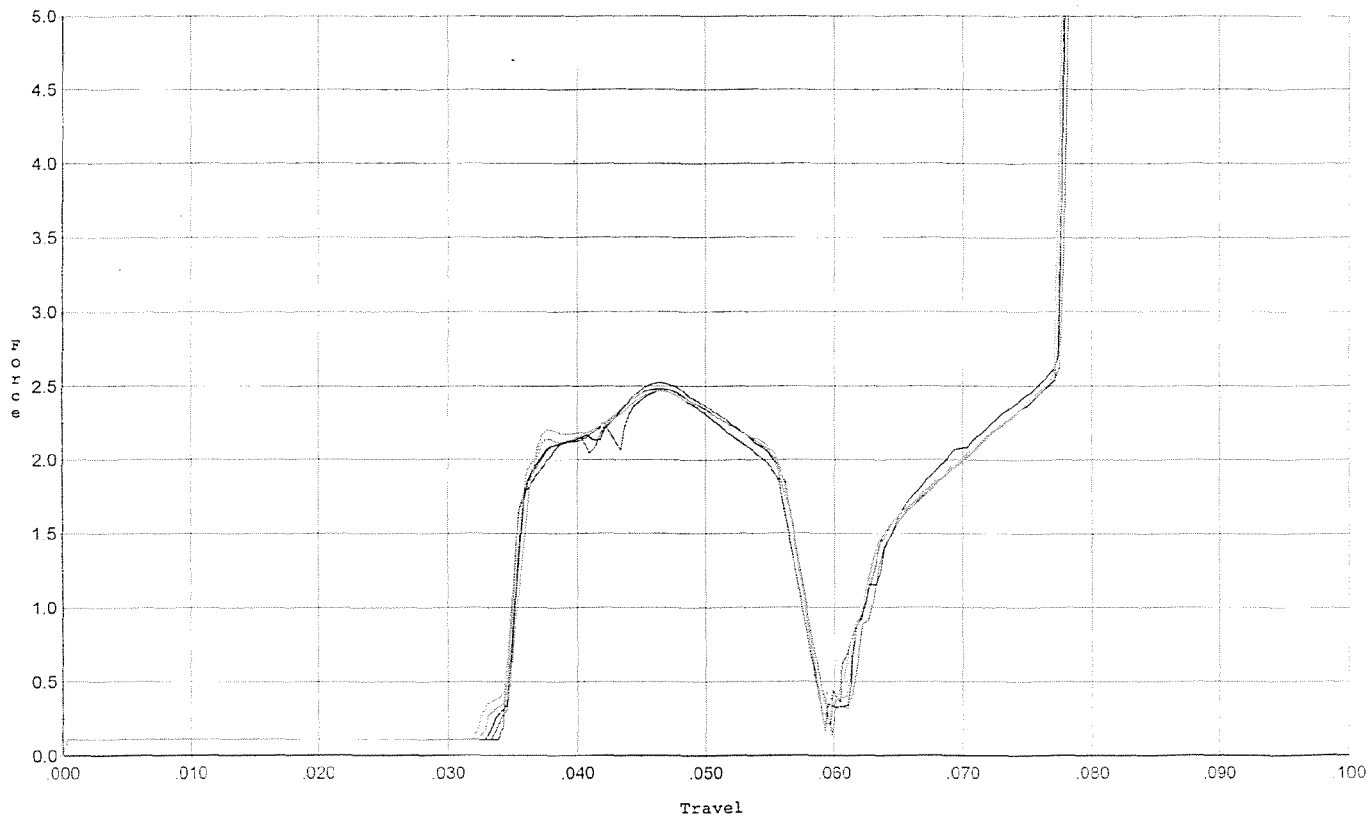
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.5</u> <u>7.25</u> <u>7.25</u>	4-18-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.75</u> <u>3.25</u> <u>3.0</u>	4-18-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/18/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.025</u>	4-18-07	TRW
	J) ASSEMBLE STOCK		4/17/07	SD
	K) ASSEMBLE SWIVEL STUDS		4/18/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/18/07	non
	M) IRON SIGHT ALIGNMENT		4/18/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/18/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/17/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-17-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/18/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.65</u> <u>2.50</u> <u>2.68</u> <u>2.83</u> <u>2.86</u>	4-18-07	TRW
	C) FUNCTION		4/18/07	non
690	PACK		4-20-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



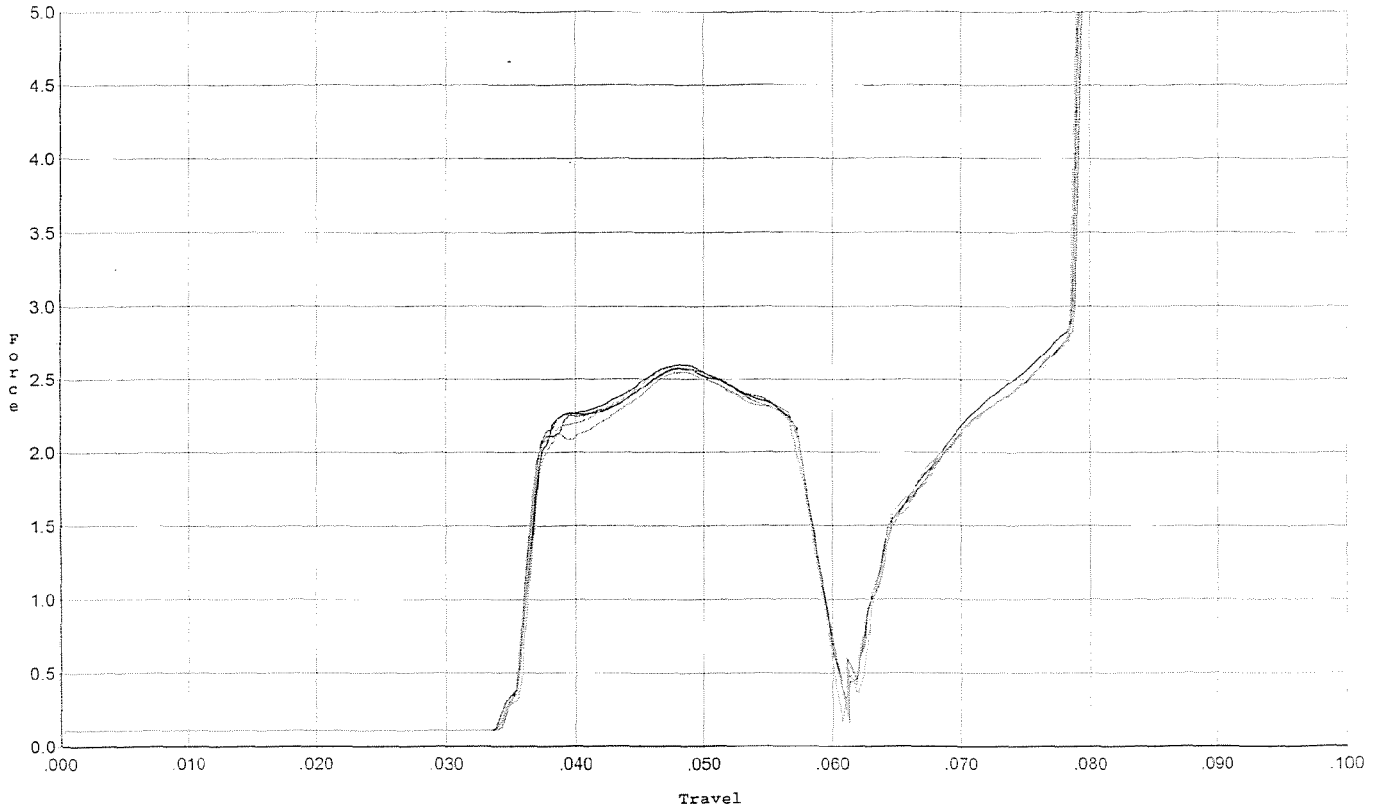
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.466	0.056	0.034	0.029	0.050		Set Trigger
2	2.482	0.056	0.033	0.028	0.051		Set Trigger
3	2.522	0.056	0.034	0.029	0.051		Set Trigger
4	2.472	0.056	0.032	0.028	0.052		Set Trigger
5	2.464	0.056	0.033	0.028	0.051		Set Trigger

AVG 2.48

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



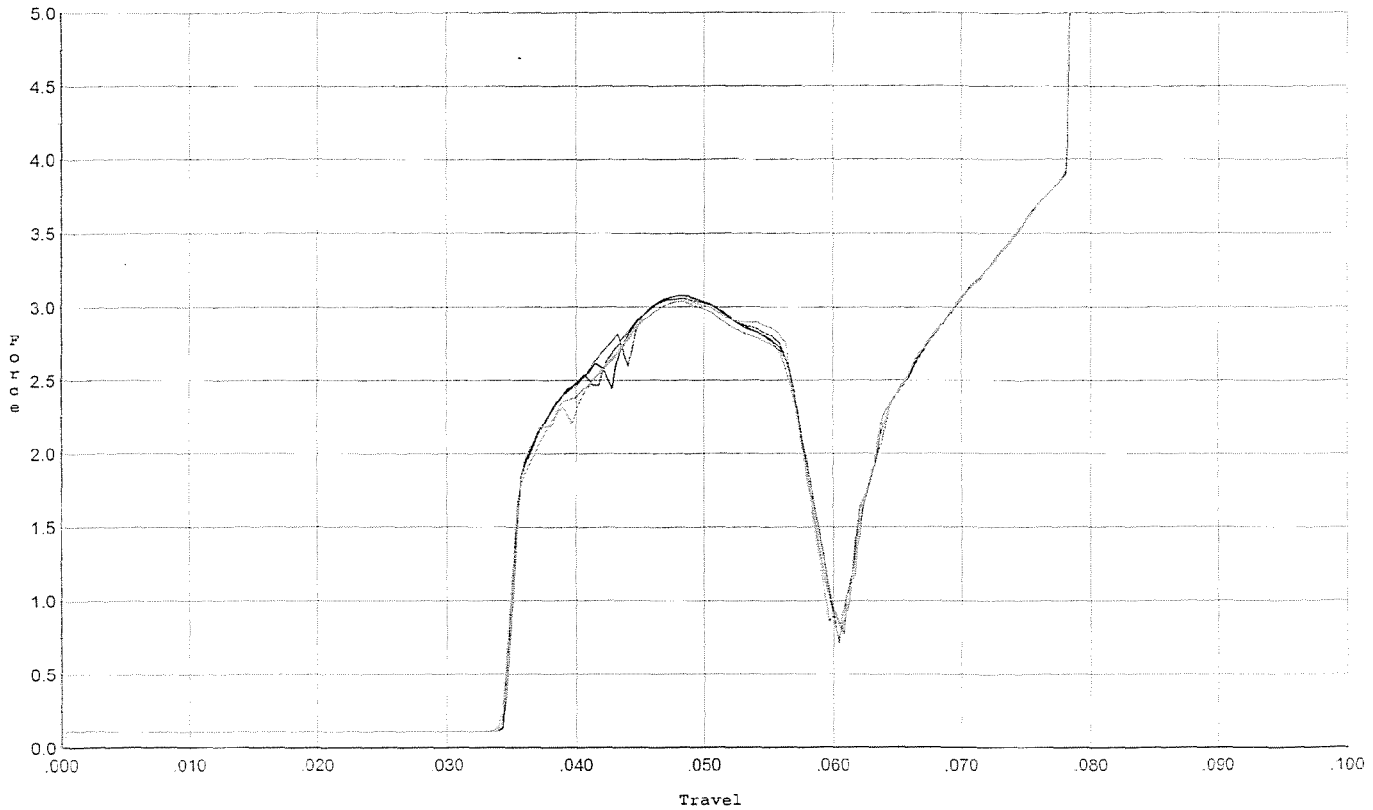
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.599	0.057	0.035	0.028	0.055		Set Trigger
2	2.572	0.057	0.034	0.028	0.055		Set Trigger
3	2.580	0.057	0.034	0.028	0.055		Set Trigger
4	2.583	0.058	0.034	0.028	0.055		Set Trigger
5	2.551	0.057	0.035	0.028	0.053		Set Trigger

AVG 2.57

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



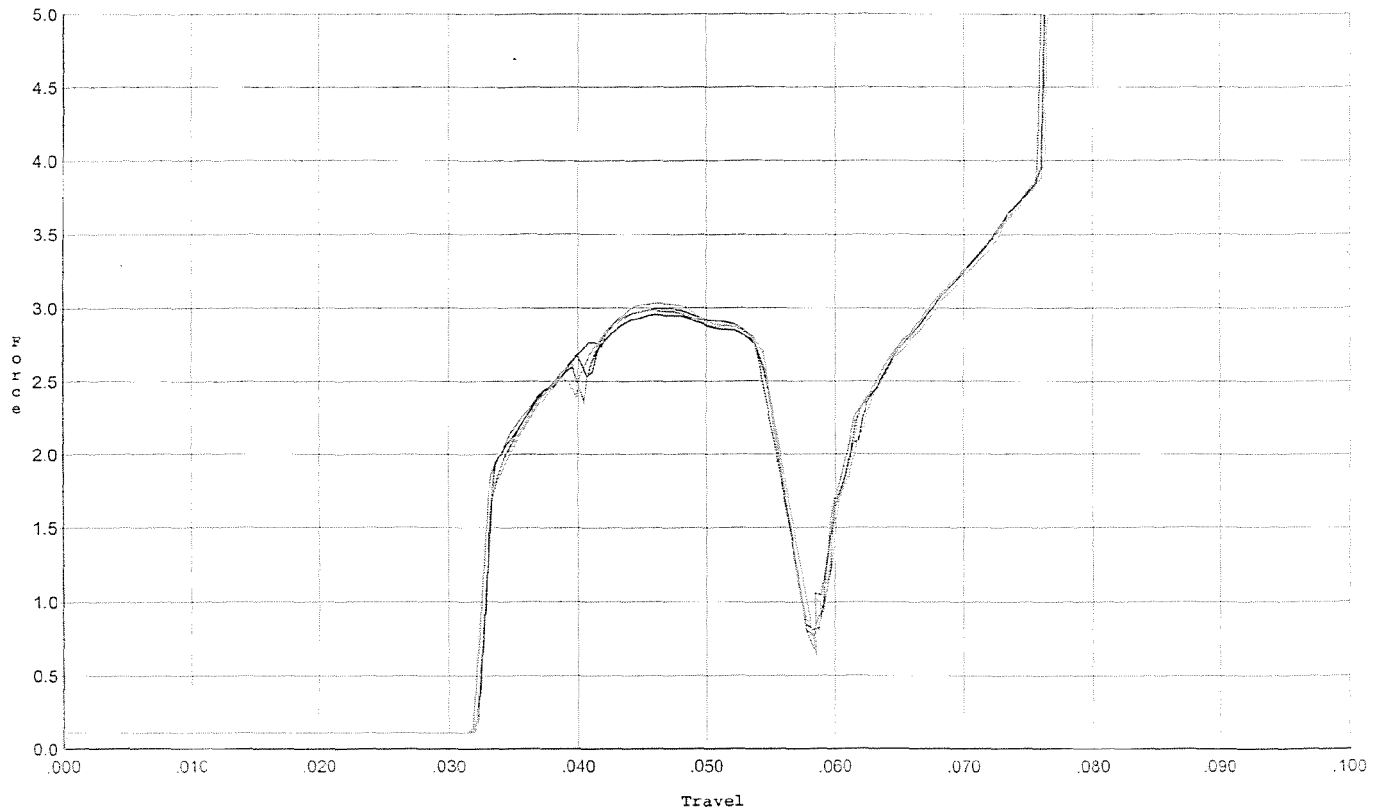
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.058	0.057	0.034	0.027	0.063		Set Trigger
2	3.078	0.058	0.035	0.027	0.065		Set Trigger
3	3.080	0.057	0.034	0.027	0.064		Set Trigger
4	3.042	0.057	0.034	0.027	0.062		Set Trigger
5	3.044	0.058	0.034	0.027	0.065		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 4/16/07

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



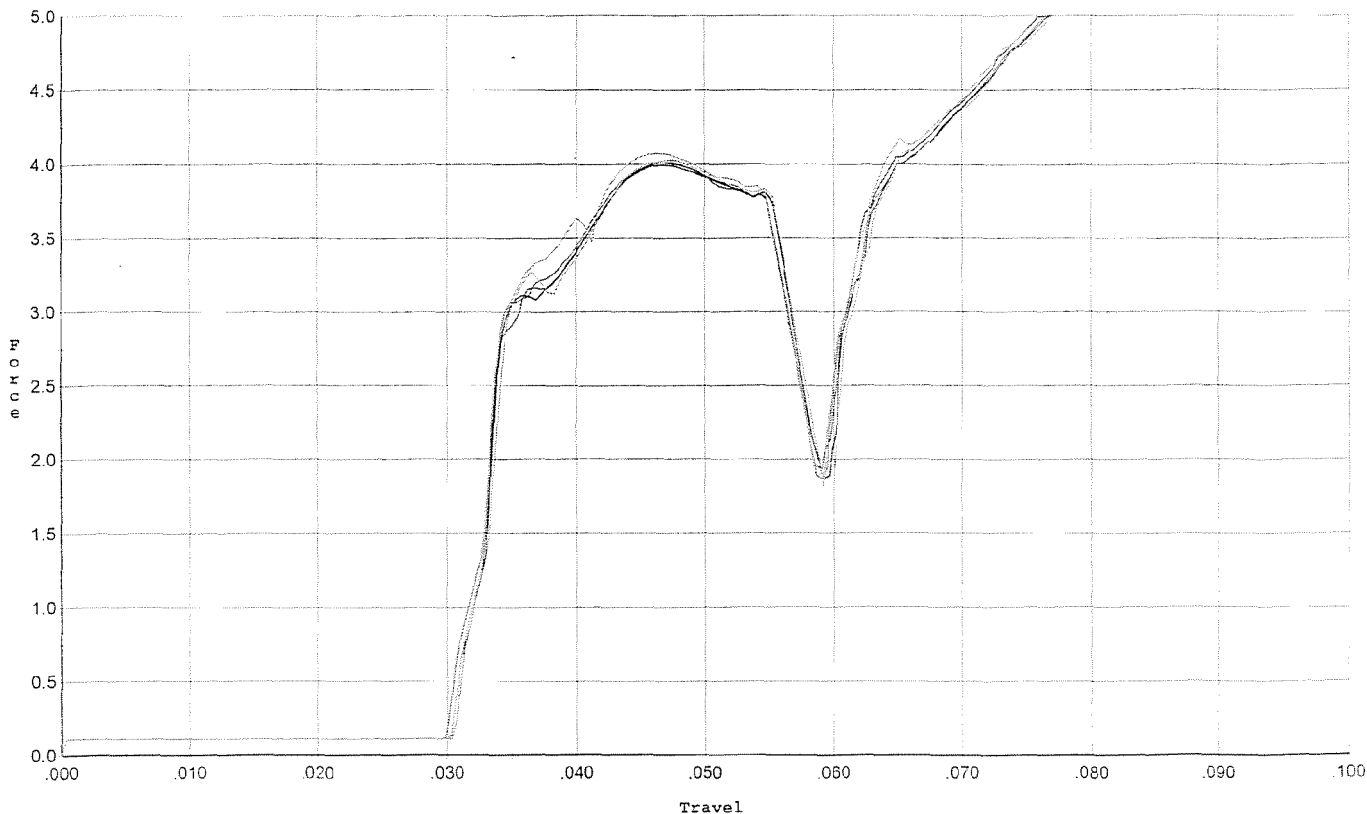
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.993	0.055	0.032	0.027	0.063		Set Trigger
2	2.957	0.055	0.032	0.027	0.063		Set Trigger
3	2.982	0.056	0.032	0.027	0.065		Set Trigger
4	2.988	0.055	0.032	0.027	0.063		Set Trigger
5	3.035	0.054	0.032	0.027	0.063		Set Trigger

AVG 2.99

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



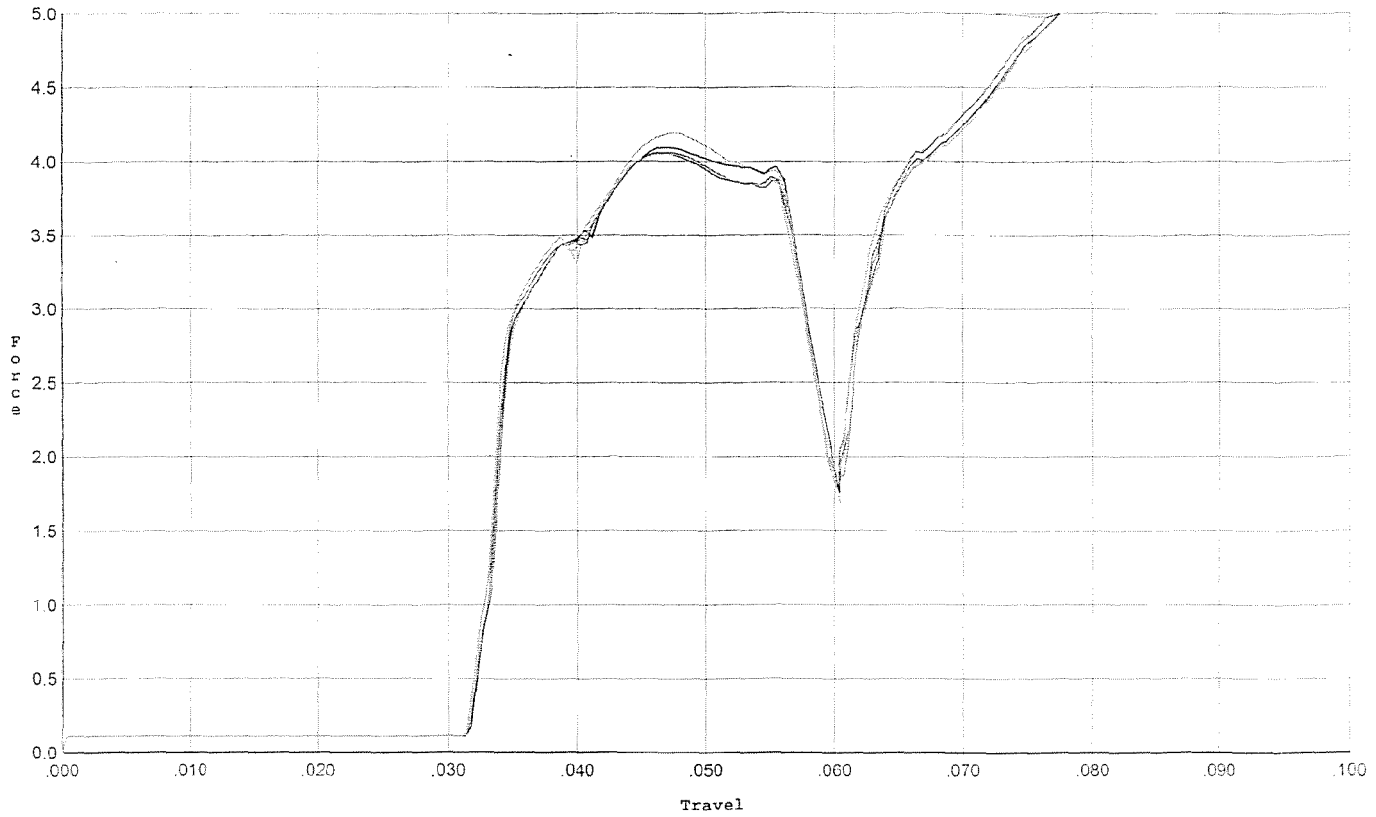
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.995	0.056	0.031	0.025	0.089		Set Trigger
2	4.013	0.055	0.031	0.025	0.088		Set Trigger
3	4.012	0.057	0.030	0.025	0.091		Set Trigger
4	4.077	0.056	0.031	0.025	0.091		Set Trigger
5	4.030	0.055	0.031	0.025	0.088		Set Trigger

AVG 4.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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



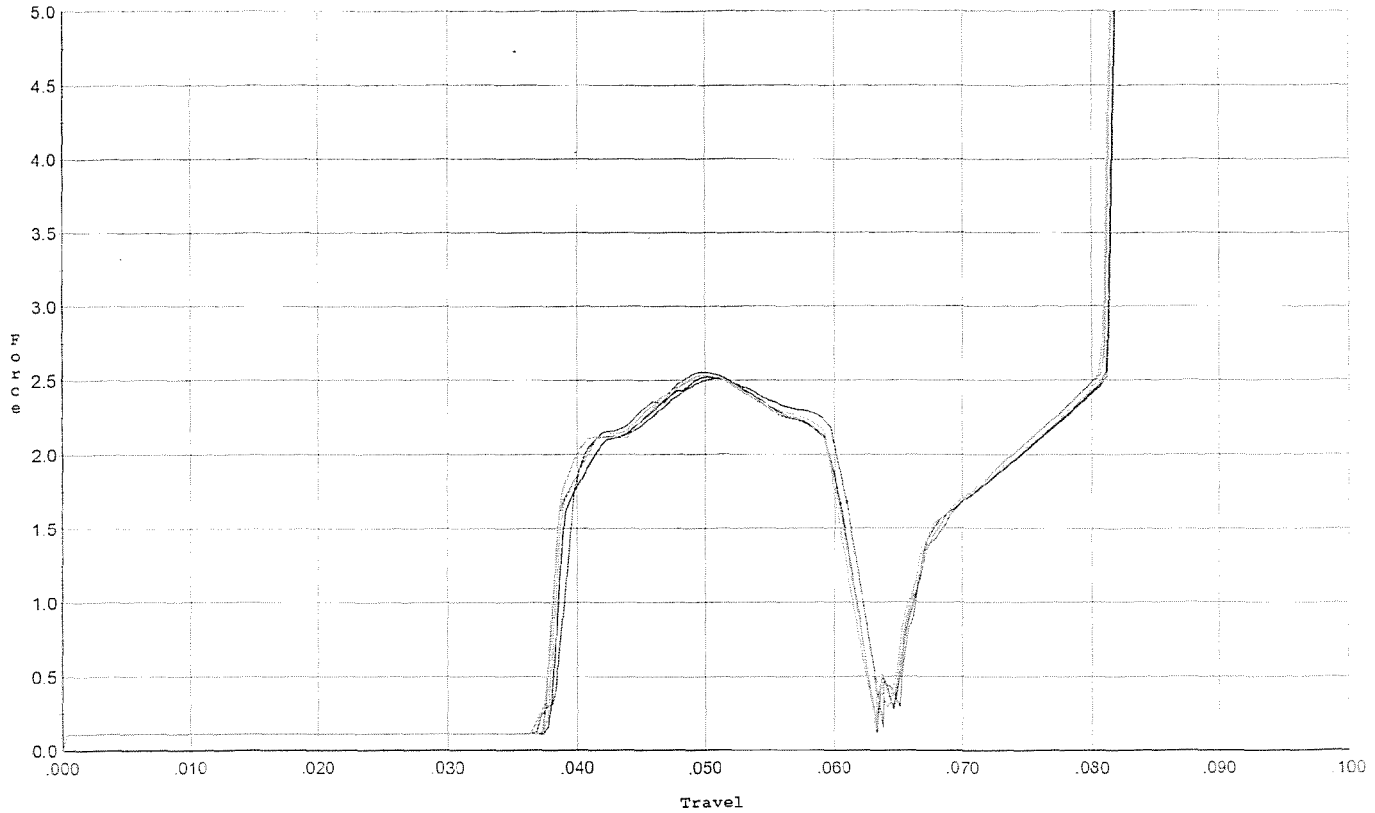
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.054	0.057	0.032	0.025	0.091		Set Trigger
2	4.096	0.056	0.032	0.025	0.091		Set Trigger
3	4.063	0.056	0.032	0.025	0.091		Set Trigger
4	4.054	0.057	0.032	0.025	0.093		Set Trigger
5	4.196	0.056	0.032	0.025	0.091		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 4/16/07

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



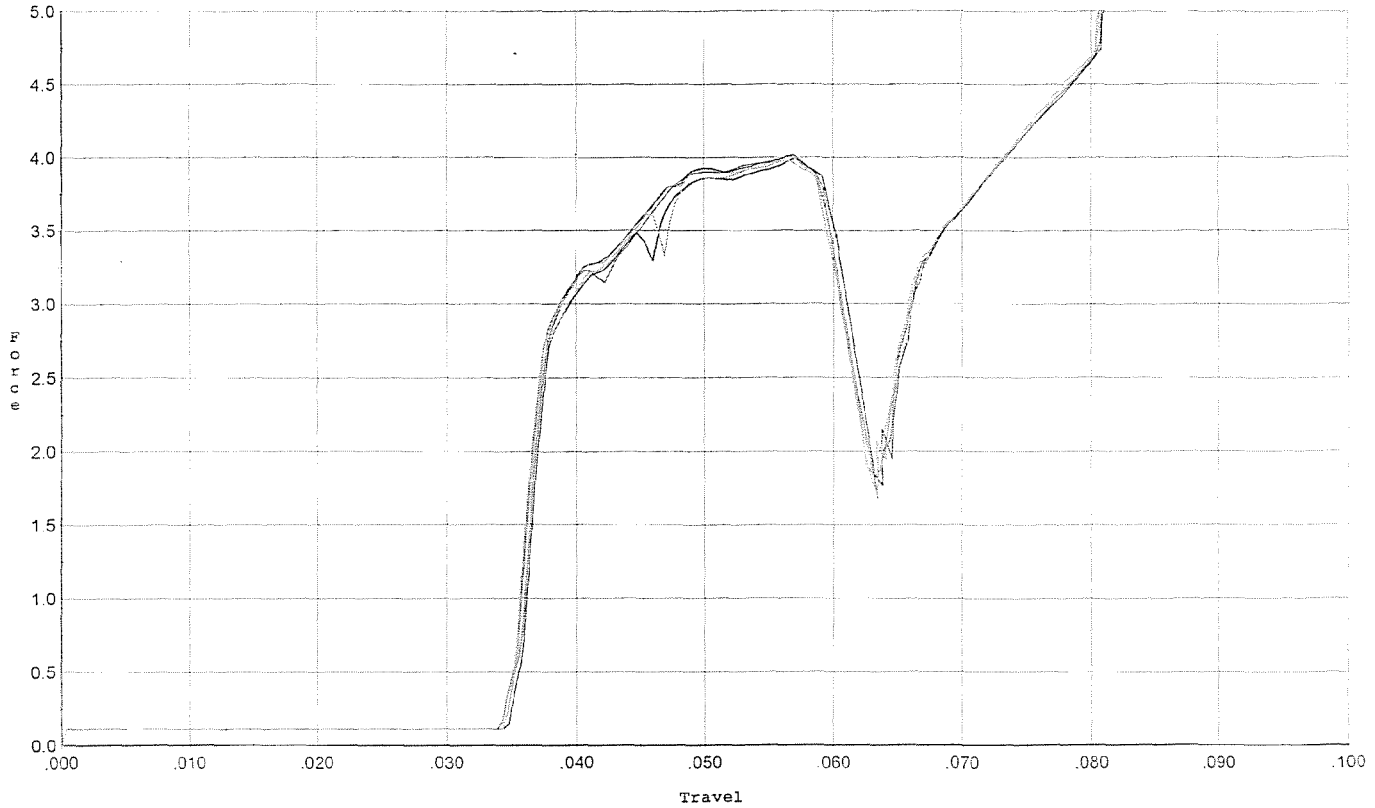
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.509	0.061	0.037	0.028	0.055		Set Trigger
2	2.523	0.060	0.038	0.028	0.053		Set Trigger
3	2.552	0.061	0.038	0.028	0.055		Set Trigger
4	2.535	0.061	0.037	0.028	0.055		Set Trigger
5	2.531	0.059	0.038	0.028	0.053		Set Trigger

AVG 2.53

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 4/16/07

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	4.017	0.059	0.035	0.025	0.090		Set Trigger
2	3.992	0.060	0.035	0.025	0.090		Set Trigger
3	4.013	0.059	0.035	0.025	0.091		Set Trigger
4	4.005	0.059	0.035	0.025	0.089		Set Trigger
5	3.985	0.060	0.035	0.025	0.091		Set Trigger

AVG 4.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635169.___0

FILE DATE AND TIME: 04/17/2007 23:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.255
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.258
The Average Mean Radius of the Five Target Set:	0.863
The Distance from POA to Centroid Target #1:	0.496
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.397
The Distance from Centroid Target #4 to Centroid Target #1:	0.424
The Distance from Centroid Target #5 to Centroid Target #1:	0.447

SERIAL NUMBER: G6635169. 0

TARGET NUMBER: 1

FILE DATE: 04/17/2007

FILE TIME: 23:56

POINT#	X	Y
1:	-0.637	1.199
2:	-0.225	1.274
3:	0.360	0.500
4:	0.886	0.680
5:	-1.342	-0.625
6:	-0.457	-0.490
7:	1.146	-0.315
8:	0.906	-1.001
9:	1.399	-0.700
10:	2.913	-0.863

X CENTROID: 0.495

Y CENTROID: -0.034

POA TO CENTROID: 0.496

HORZ SPREAD: 4.255

VERT SPREAD: 2.275

GROUP SPREAD: 4.262

MIN RADIUS: 0.551

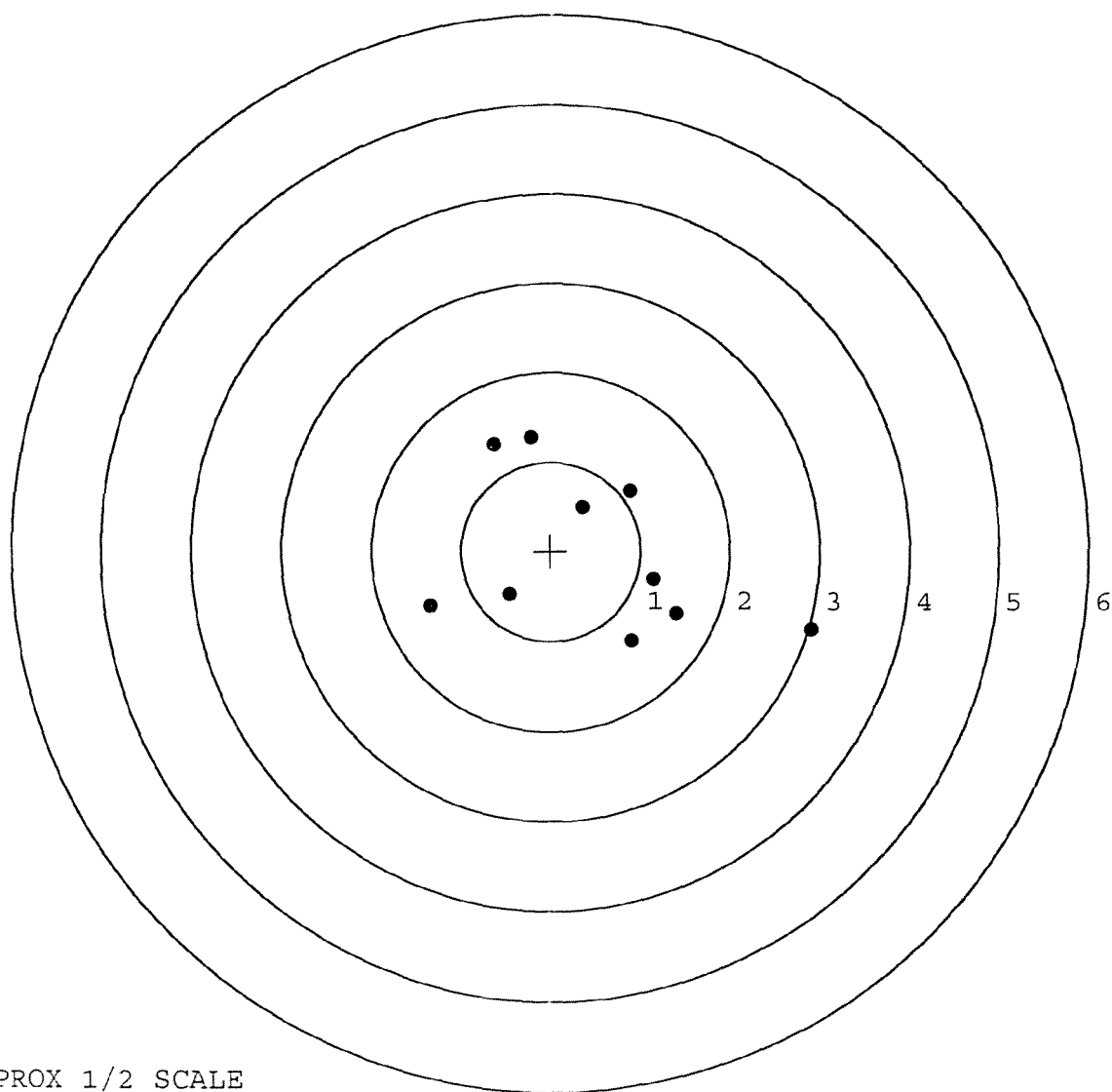
MAX RADIUS: 2.556

MEAN RADIUS: 1.296

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

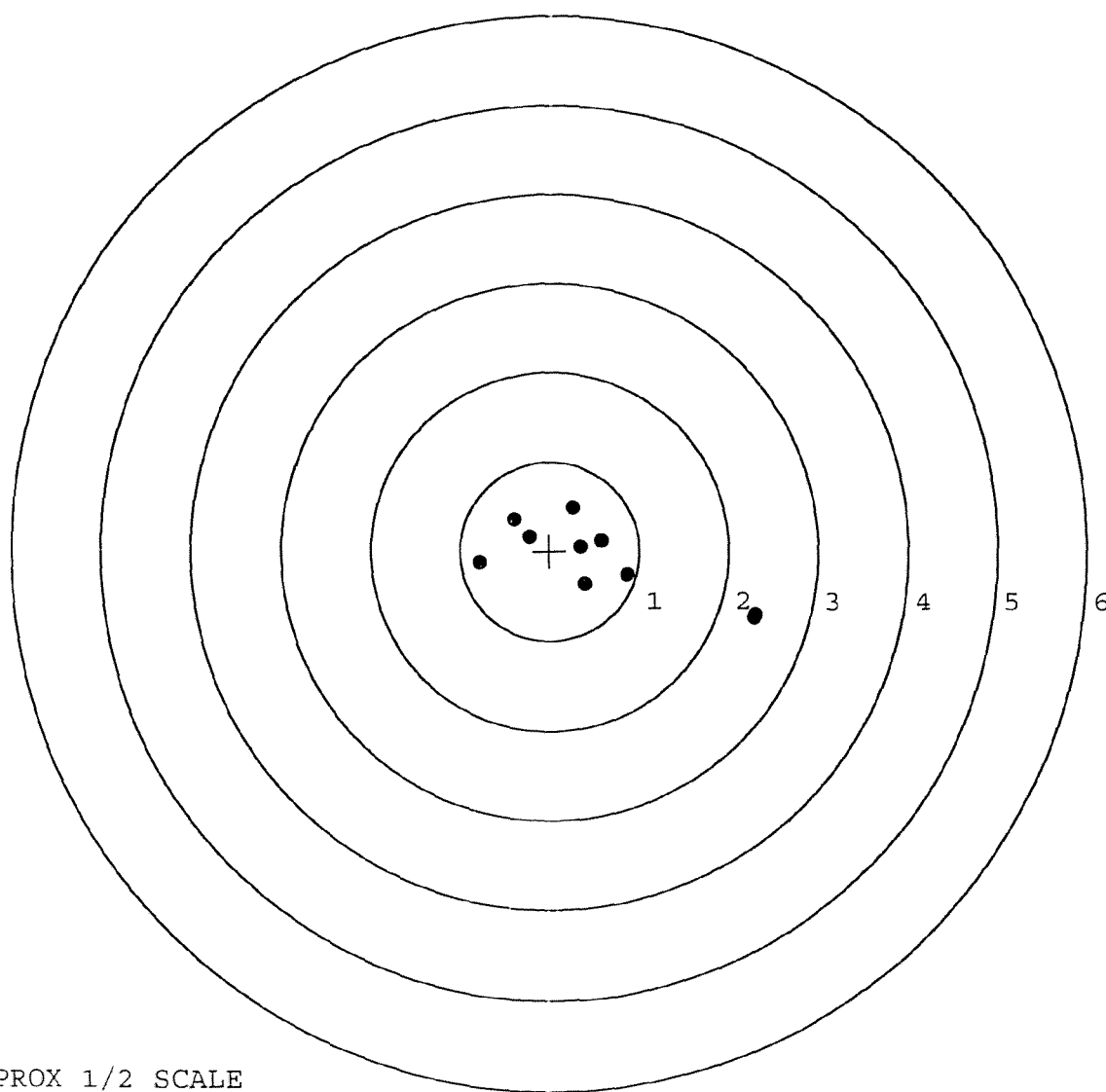


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635169. 0
 TARGET NUMBER: 2
 FILE DATE: 04/17/2007
 FILE TIME: 23:56

POINT#	X	Y
1:	-0.398	0.357
2:	-0.233	0.155
3:	-0.784	-0.133
4:	0.260	0.482
5:	0.348	0.047
6:	0.567	0.118
7:	0.399	-0.370
8:	0.866	-0.264
9:	2.293	-0.744
10:	2.303	-0.712

X CENTROID: 0.562
 Y CENTROID: -0.106
 POA TO CENTROID: 0.572
 HORZ SPREAD: 3.087
 VERT SPREAD: 1.226
 GROUP SPREAD: 3.137
 MIN RADIUS: 0.224
 MAX RADIUS: 1.845
 MEAN RADIUS: 0.874
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0142959

SERIAL NUMBER: G6635169. __ 0

TARGET NUMBER: 3

FILE DATE: 04/17/2007

FILE TIME: 23:56

POINT#	X	Y
1:	-0.479	-0.081
2:	-0.932	0.094
3:	-0.742	0.630
4:	0.242	0.746
5:	1.035	0.557
6:	1.077	-0.484
7:	0.546	-0.225
8:	0.233	-0.372
9:	0.169	-0.522
10:	-0.169	-0.611

X CENTROID: 0.098

Y CENTROID: -0.027

POA TO CENTROID: 0.102

HORZ SPREAD: 2.009

VERT SPREAD: 1.357

GROUP SPREAD: 2.021

MIN RADIUS: 0.371

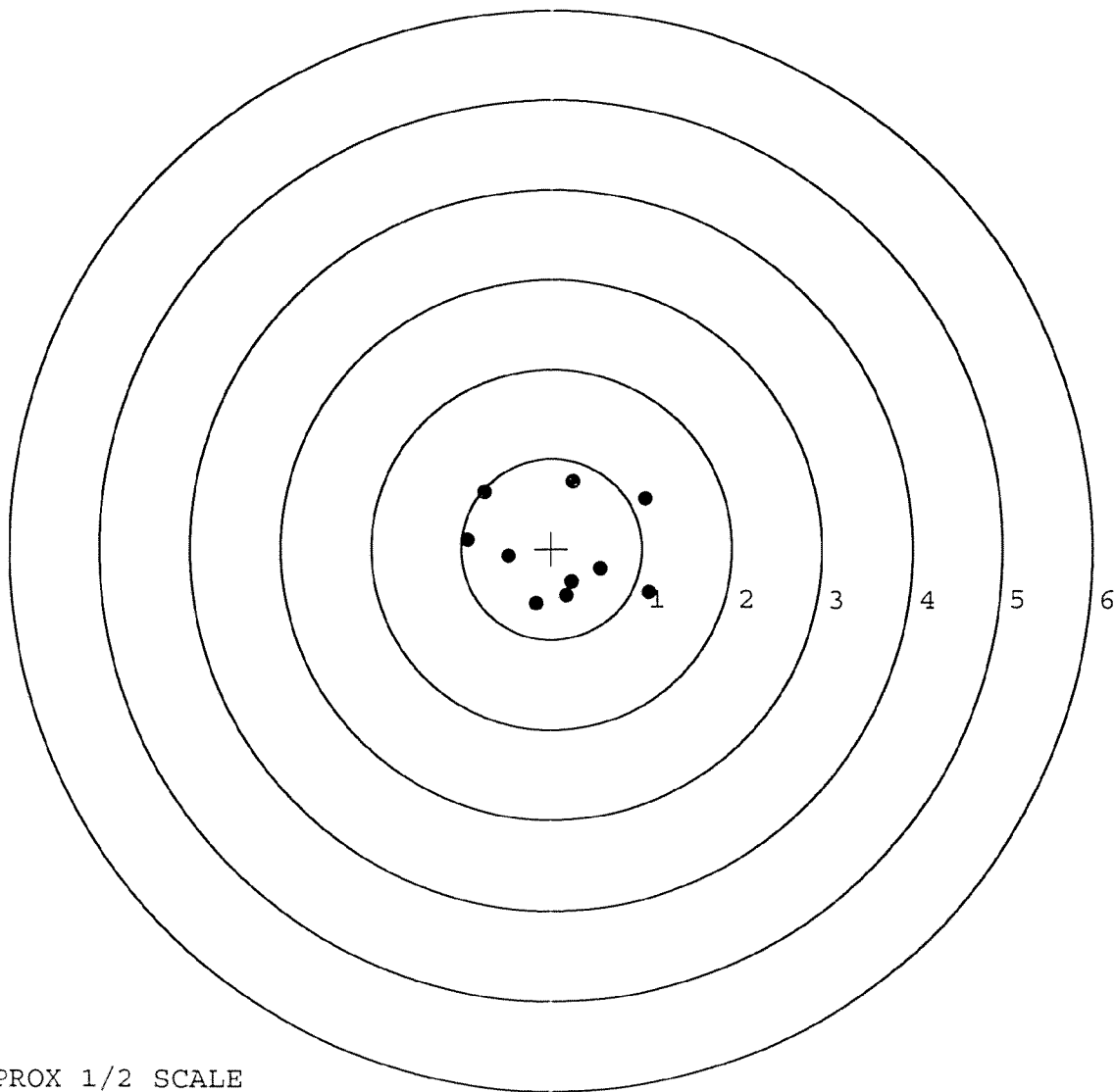
MAX RADIUS: 1.104

MEAN RADIUS: 0.766

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

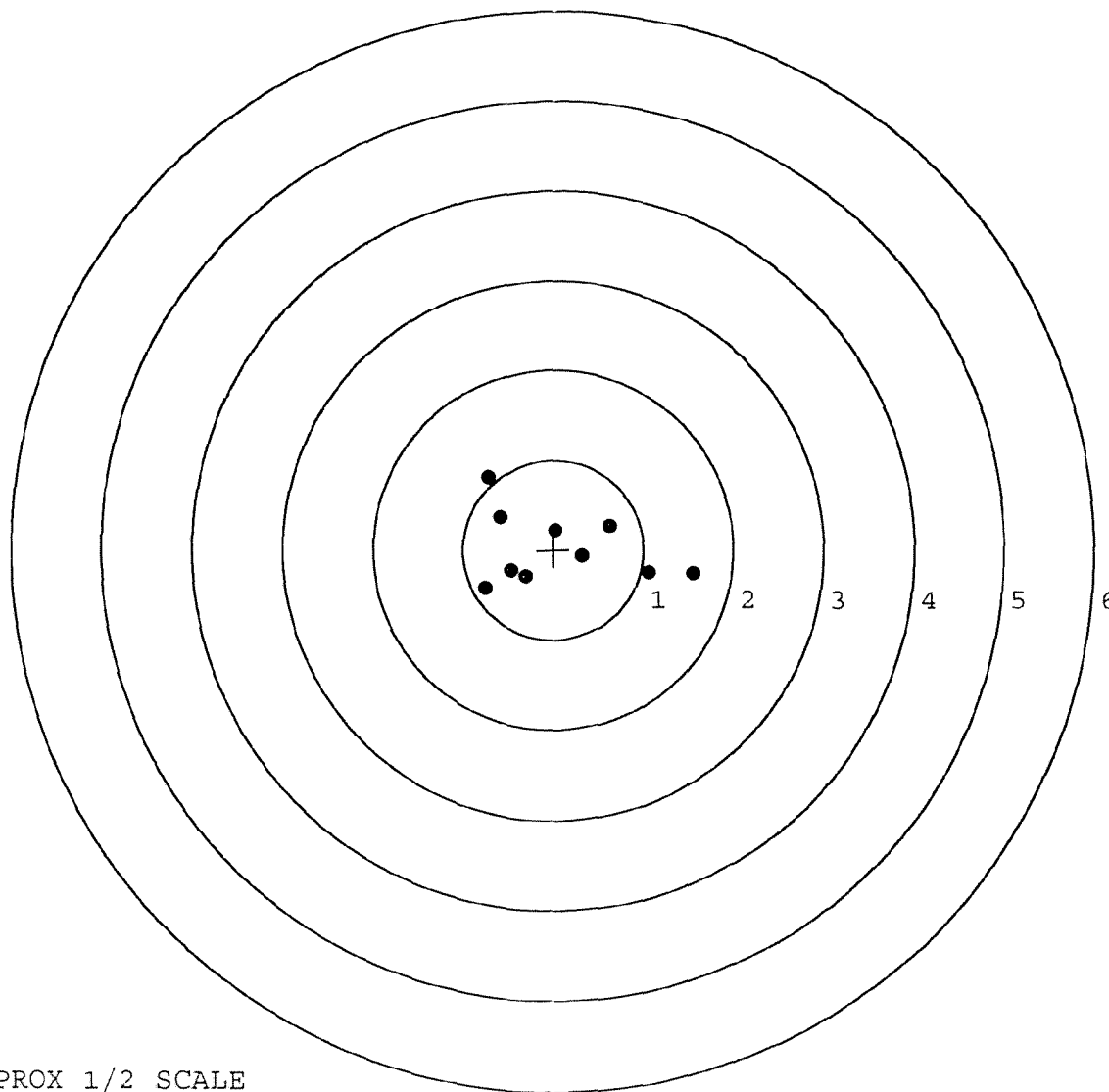


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635169. __0
 TARGET NUMBER: 4
 FILE DATE: 04/17/2007
 FILE TIME: 23:56

POINT#	X	Y
1:	-0.591	0.363
2:	-0.724	0.813
3:	-0.753	-0.430
4:	-0.313	-0.296
5:	0.030	0.219
6:	0.326	-0.080
7:	0.625	0.266
8:	1.058	-0.252
9:	1.549	-0.263
10:	-0.473	-0.229

X CENTROID: 0.073
 Y CENTROID: 0.011
 POA TO CENTROID: 0.074
 HORZ SPREAD: 2.302
 VERT SPREAD: 1.243
 GROUP SPREAD: 2.515
 MIN RADIUS: 0.212
 MAX RADIUS: 1.501
 MEAN RADIUS: 0.752
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635169. __ 0

TARGET NUMBER: 5

FILE DATE: 04/17/2007

FILE TIME: 23:56

POINT#	X	Y
1:	-0.615	0.315
2:	-0.203	0.443
3:	-0.765	-0.621
4:	-0.511	-0.428
5:	-0.087	-0.183
6:	0.047	0.021
7:	0.354	-0.121
8:	0.485	0.217
9:	0.612	0.742
10:	1.167	-0.625

X CENTROID: 0.048

Y CENTROID: -0.024

POA TO CENTROID: 0.054

HORZ SPREAD: 1.932

VERT SPREAD: 1.367

GROUP SPREAD: 2.015

MIN RADIUS: 0.045

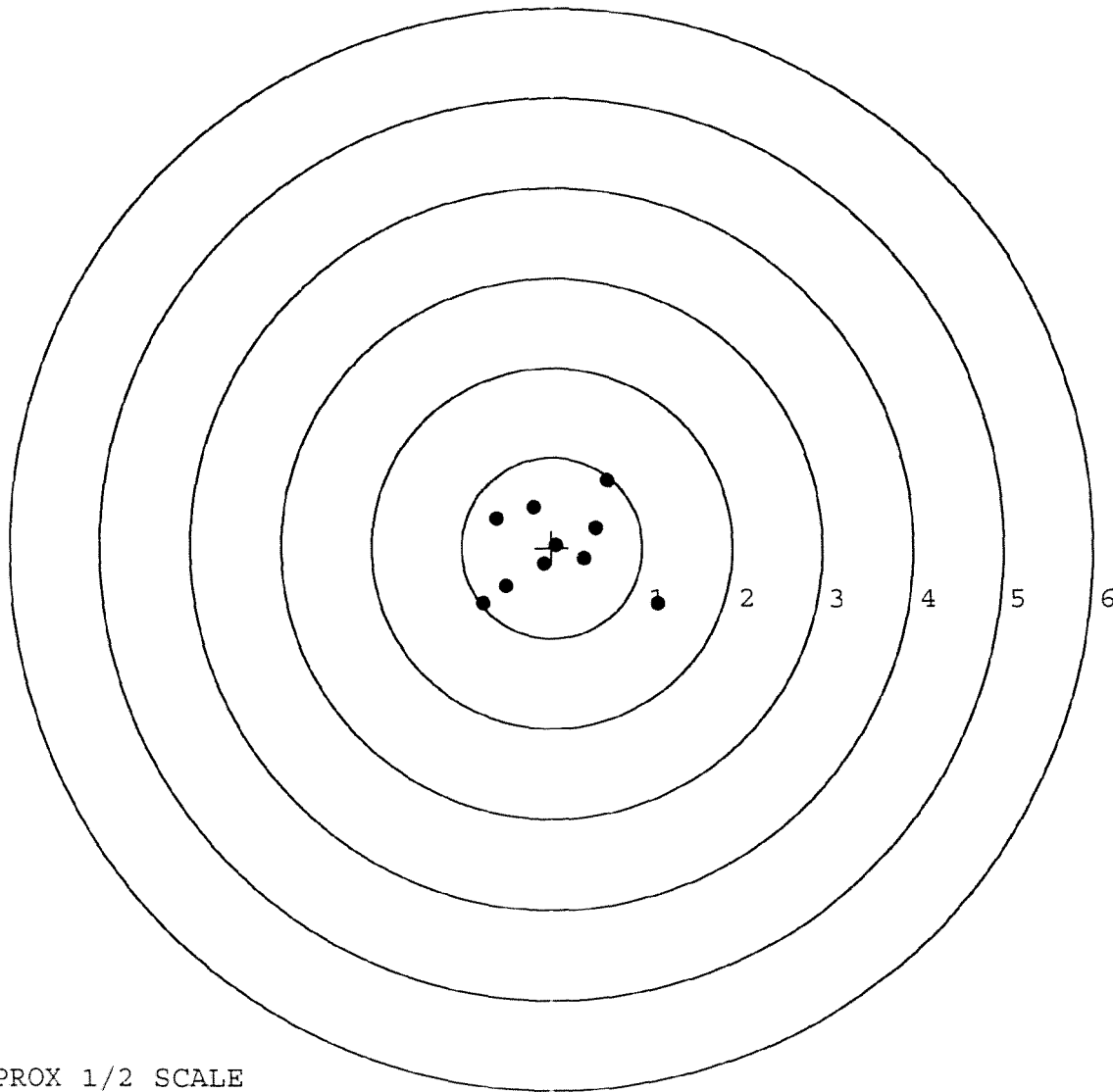
MAX RADIUS: 1.270

MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE