

G 669 9797

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

- INSTRUCTION BOOK 3518

proof of purchase



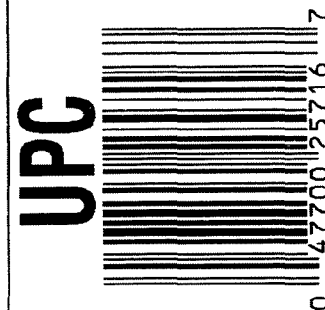
owner registration sticker



BM FORM

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6699797



GUN SERIAL # 66699797

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-08	RTZ
420	ASSEMBLE ACTION		3-5-08	RTZ
430	ASSEMBLE TO STOCK		3-5-08	RTZ
440	PROOF	MAGNA - FLUX	3-6-08	TRW
460	CHECK HEADSPACE	MAR 07 2008	3-6-08	TRW
470	DIS-ASSEMBLE ACTION		3-6-08	PPJ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unms</u>	3/7/08	unms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-6-08	CW
510	DRILL AND TAP SIGHT HOLES		3-6-08	TRW
520	GOFF BLAST BBL / REC		3-10-08	TL
530 & 540	APPLY COATINGS (BARREL ACTION)		3-17-08	CT
	(BOLT)			
560	RE-ASSEMBLE ACTION		3-25-08	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-25-08	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-25-08	SD
	D) OIL FIRING PIN ASSEMBLY		3-26-08	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

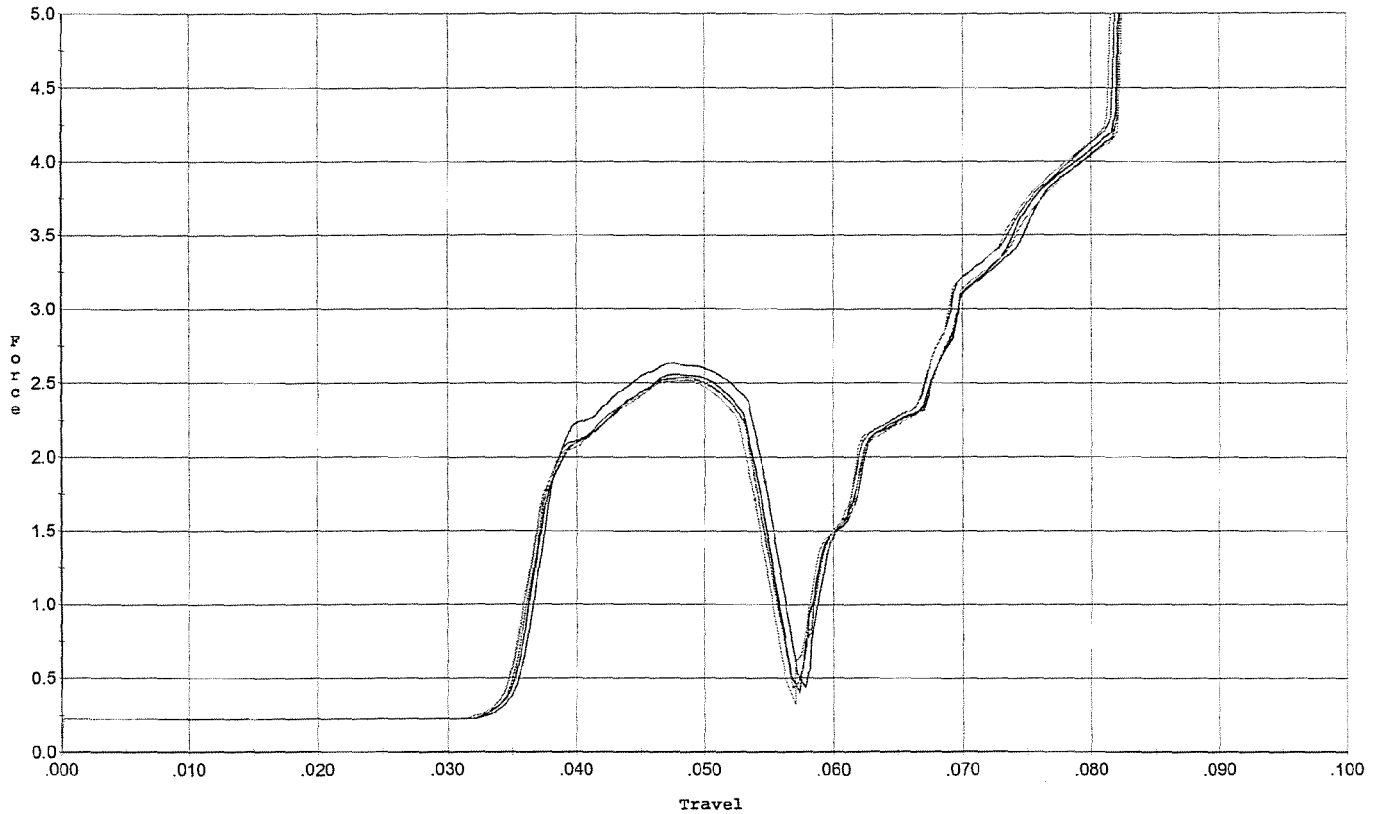
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.25</u> <u>6.5</u> <u>6.75</u>	4-21-08	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.25</u> <u>2.75</u> <u>3.25</u>	4-21-08	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.022</u>	4-21-08	TRW
	J) ASSEMBLE STOCK		3-26-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		4-21-08	TRW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4-22-08	SPD
	M) IRON SIGHT ALIGNMENT		4-22-08	SPD
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4-22-08	SPD
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	4-16-08	SPD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-16-08	SD
670	FINAL INSPECTION A) HEADSPACE		4-21-08	TRW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>288</u> <u>288</u> <u>288</u> <u>284</u> <u>281</u>	4-21-08	TRW
	C) FUNCTION		4-21-08	TRW
690	PACK		6/18/08	Fm

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



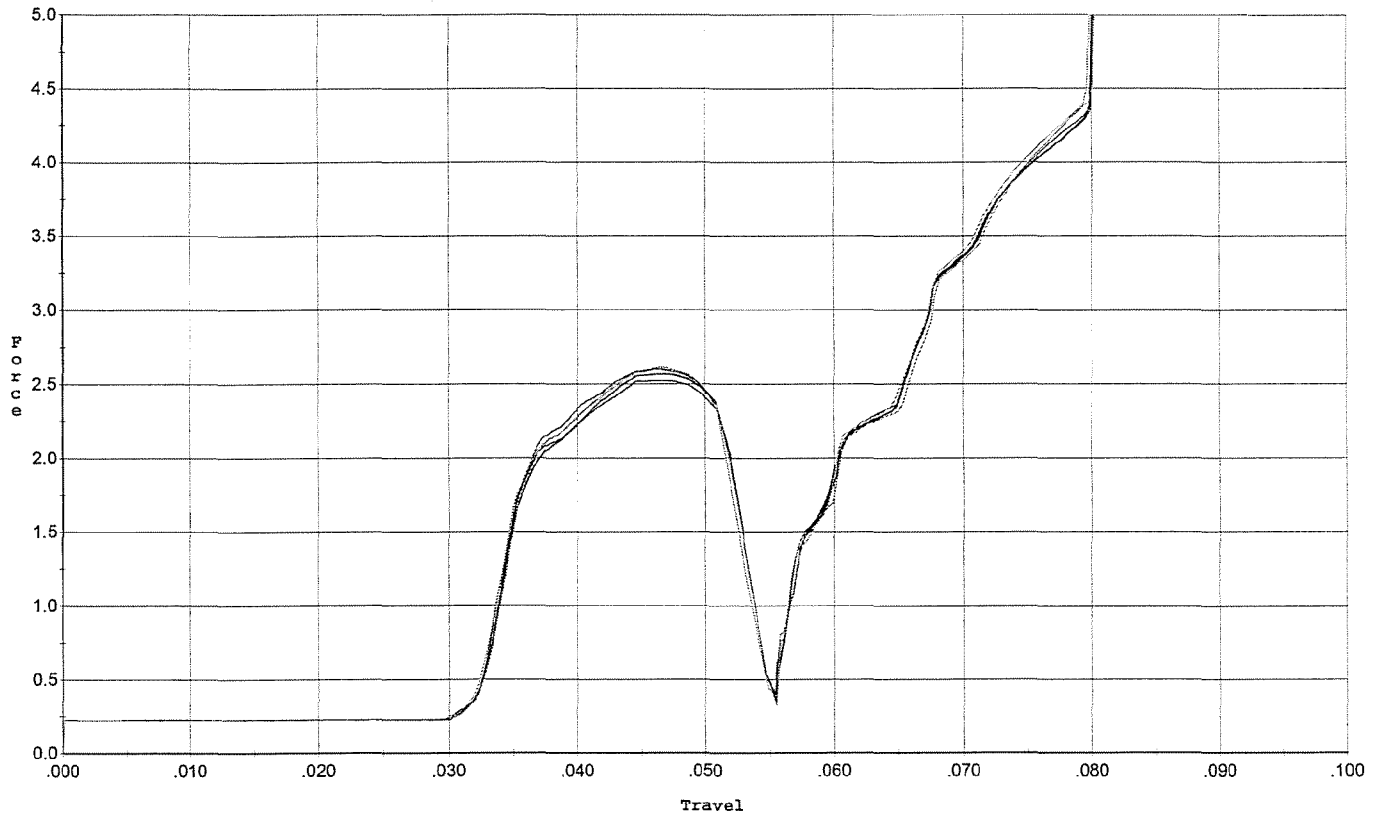
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.634	0.055	0.035	0.034	0.052		Set Trigger
2	2.558	0.054	0.035	0.034	0.050		Set Trigger
3	2.539	0.053	0.035	0.034	0.048		Set Trigger
4	2.520	0.054	0.034	0.034	0.049		Set Trigger
5	2.519	0.055	0.034	0.034	0.050		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



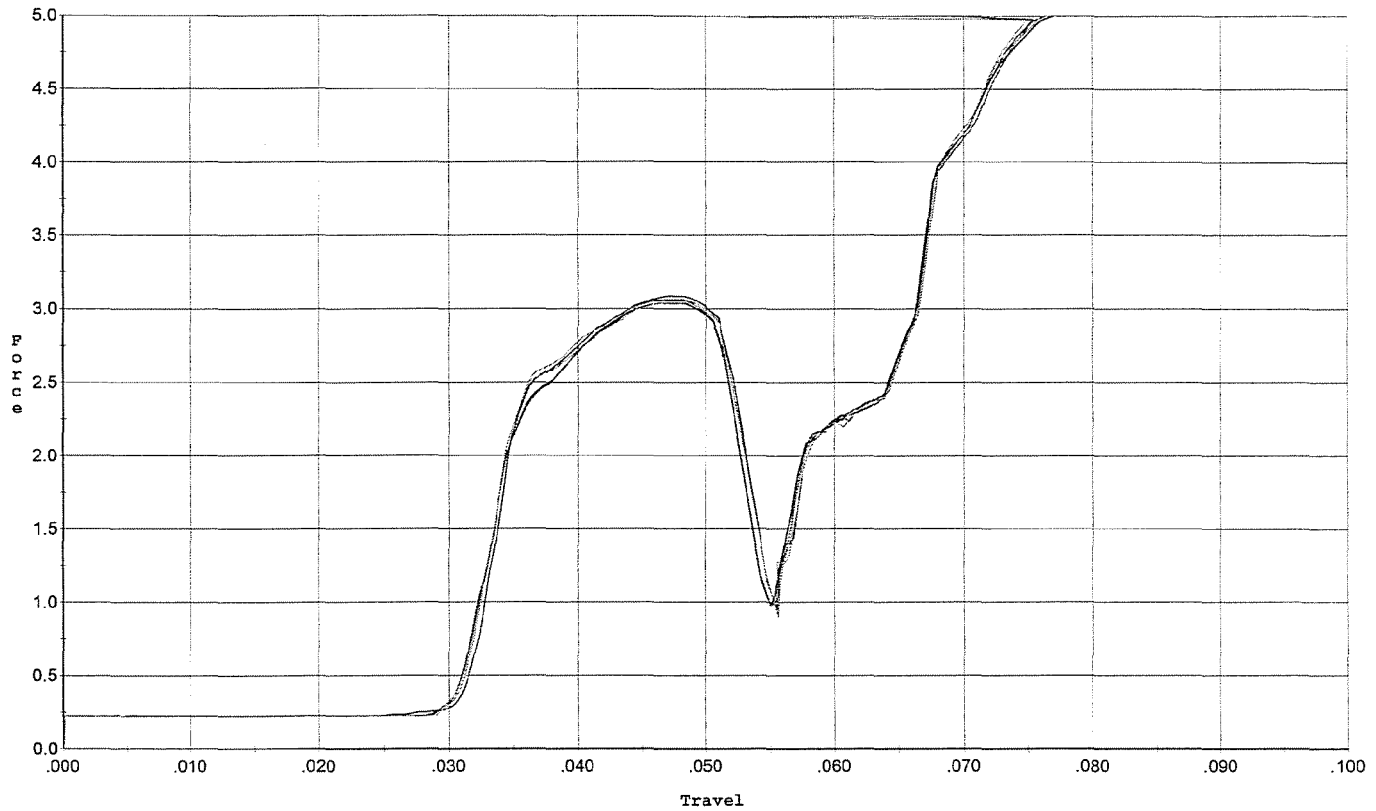
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.523	0.052	0.032	0.034	0.050		Set Trigger
2	2.568	0.052	0.032	0.034	0.050		Set Trigger
3	2.600	0.052	0.032	0.034	0.051		Set Trigger
4	2.596	0.051	0.032	0.034	0.049		Set Trigger
5	2.612	0.052	0.032	0.034	0.050		Set Trigger

Avg 2.58

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



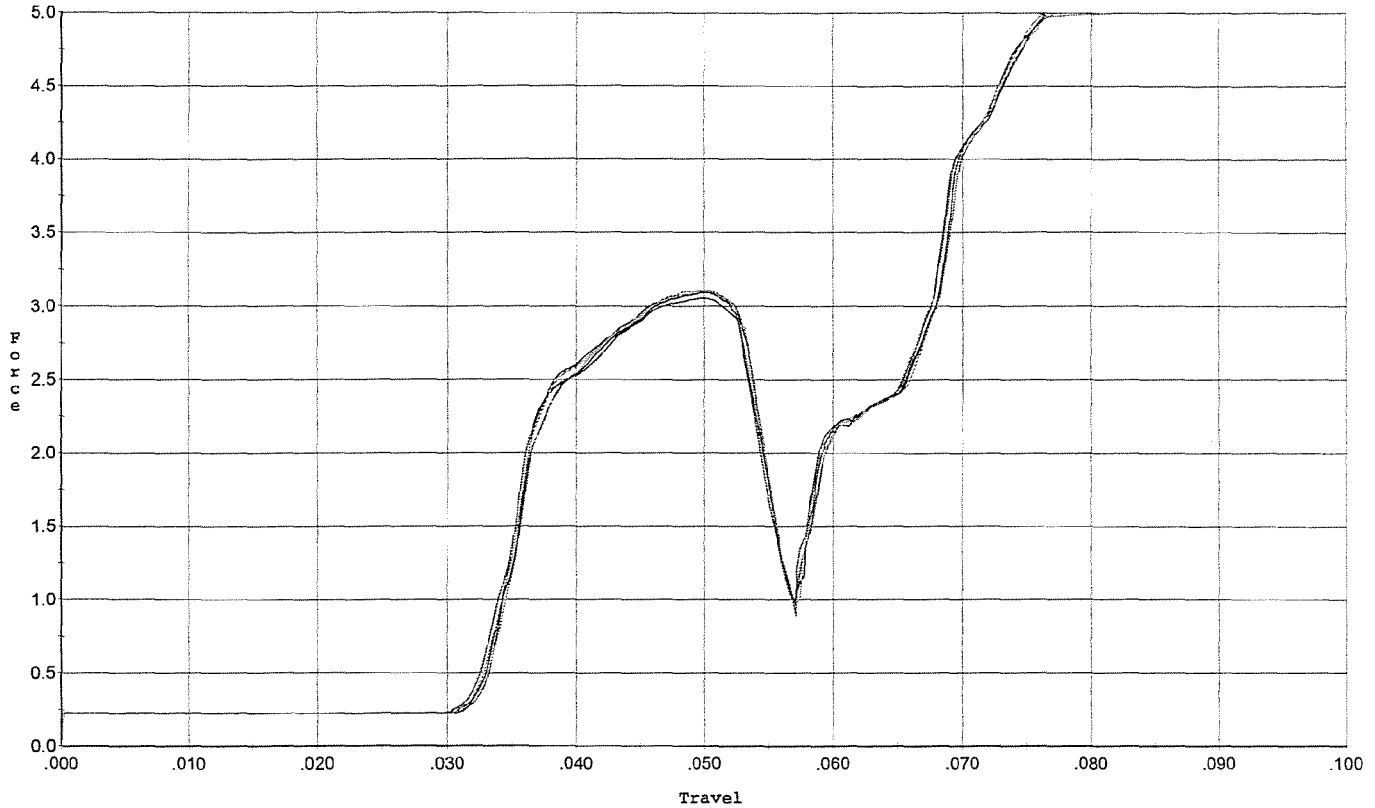
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.087	0.052	0.031	0.032	0.062		Set Trigger
2	3.039	0.051	0.031	0.032	0.060		Set Trigger
3	3.060	0.051	0.031	0.032	0.060		Set Trigger
4	3.065	0.053	0.031	0.032	0.062		Set Trigger
5	3.042	0.053	0.031	0.032	0.062		Set Trigger

AVG 3.05

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



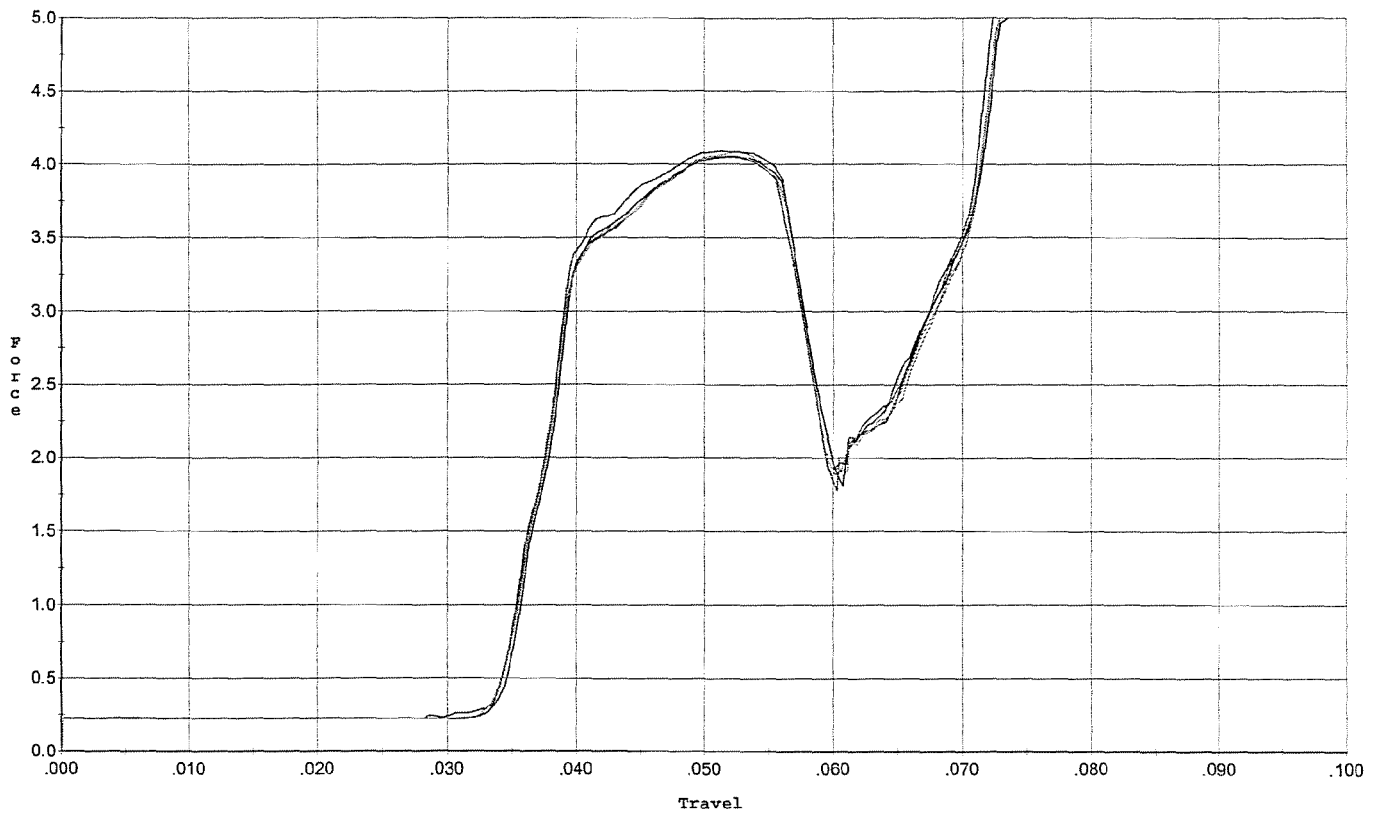
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.055	0.054	0.033	0.033	0.061		Set Trigger
2	3.096	0.053	0.033	0.033	0.061		Set Trigger
3	3.093	0.053	0.032	0.033	0.060		Set Trigger
4	3.107	0.053	0.033	0.033	0.060		Set Trigger
5	3.099	0.054	0.032	0.033	0.062		Set Trigger

Avg 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



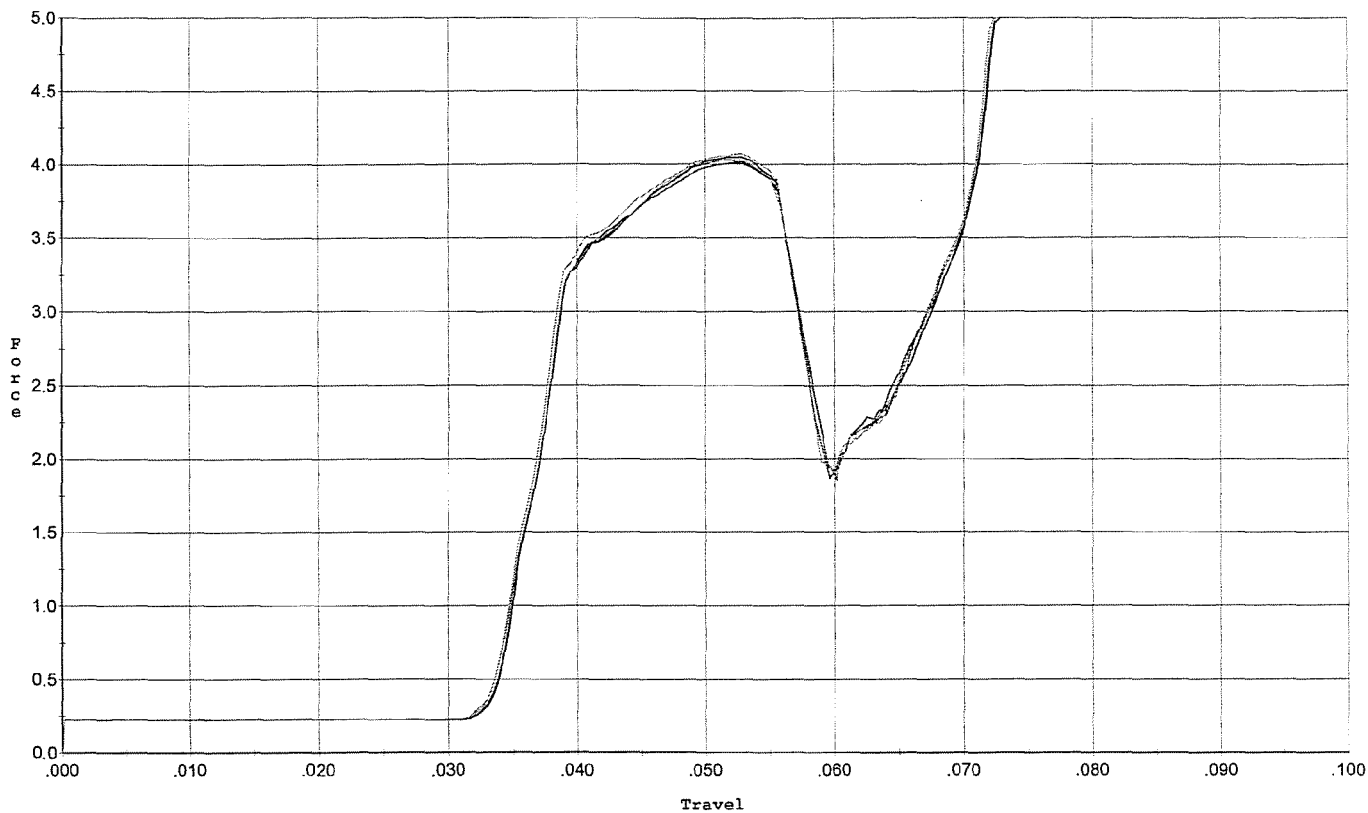
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.091	0.056	0.034	0.025	0.085		Set Trigger
2	4.052	0.056	0.034	0.025	0.084		Set Trigger
3	4.048	0.057	0.034	0.025	0.085		Set Trigger
4	4.058	0.056	0.034	0.026	0.084		Set Trigger
5	4.080	0.056	0.034	0.025	0.084		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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



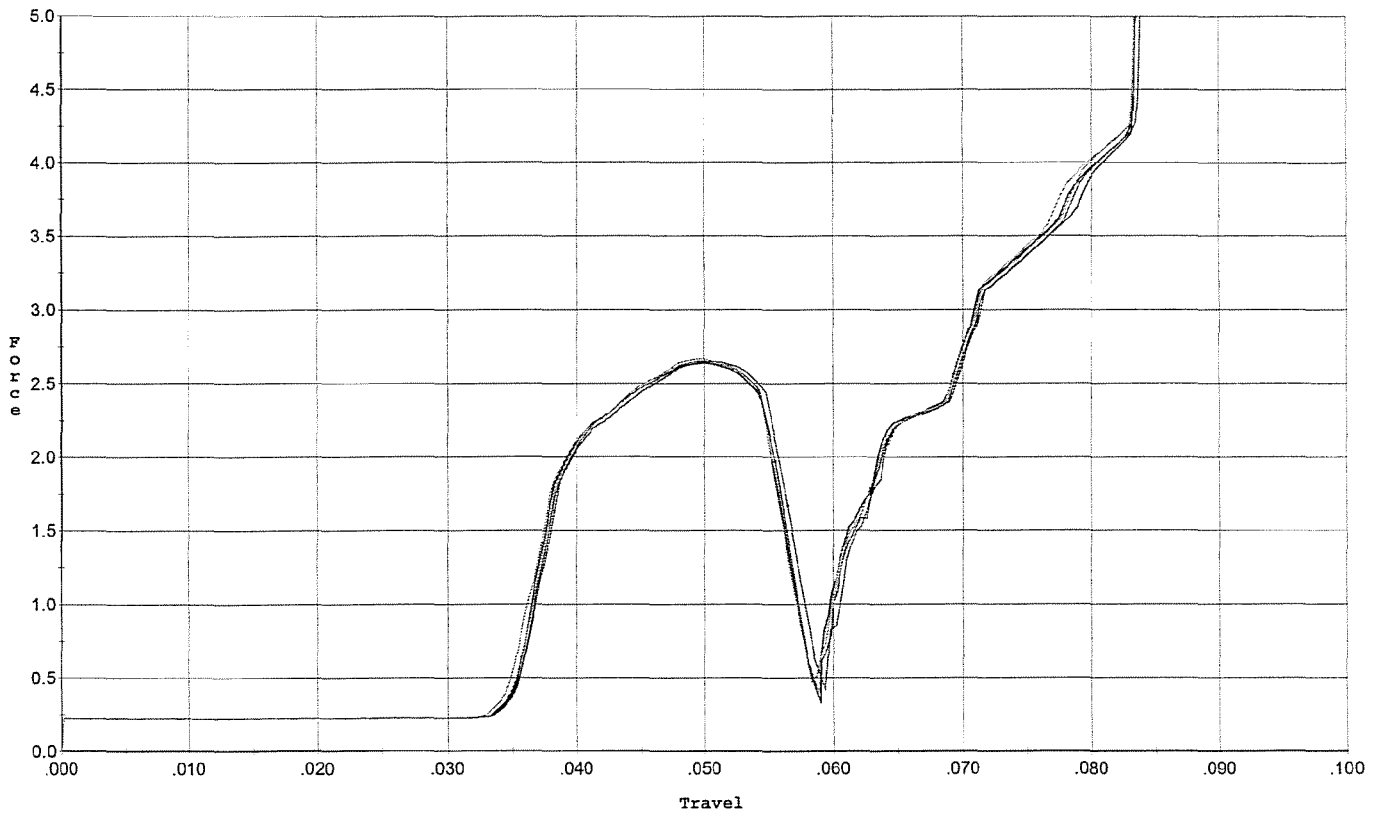
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.007	0.056	0.033	0.026	0.083		Set Trigger
2	4.048	0.056	0.033	0.026	0.083		Set Trigger
3	4.030	0.056	0.033	0.026	0.083		Set Trigger
4	4.032	0.056	0.033	0.026	0.085		Set Trigger
5	4.070	0.056	0.033	0.026	0.084		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R, Putch 1/11/08

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



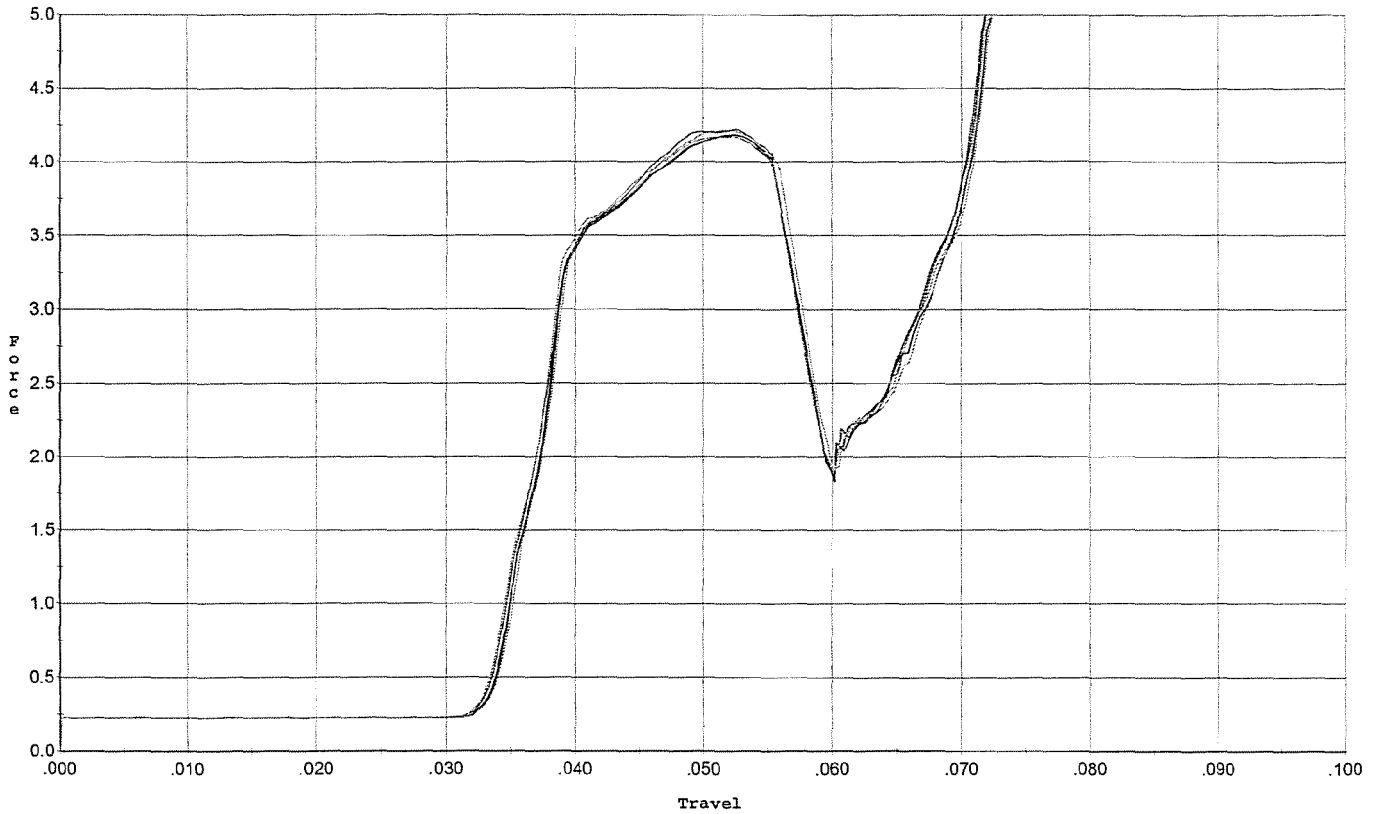
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.635	0.056	0.035	0.034	0.053		Set Trigger
2	2.645	0.054	0.035	0.034	0.052		Set Trigger
3	2.650	0.056	0.035	0.034	0.055		Set Trigger
4	2.639	0.056	0.035	0.034	0.054		Set Trigger
5	2.665	0.054	0.034	0.034	0.053		Set Trigger

AVG 2.64

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R, Putch 1/11/08

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	4.174	0.055	0.033	0.027	0.085		Set Trigger
2	4.181	0.057	0.033	0.028	0.088		Set Trigger
3	4.224	0.055	0.033	0.028	0.086		Set Trigger
4	4.217	0.056	0.033	0.028	0.086		Set Trigger
5	4.171	0.055	0.033	0.028	0.086		Set Trigger

Avg 4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6699797.___0

FILE DATE AND TIME: 04/16/2008 22:41

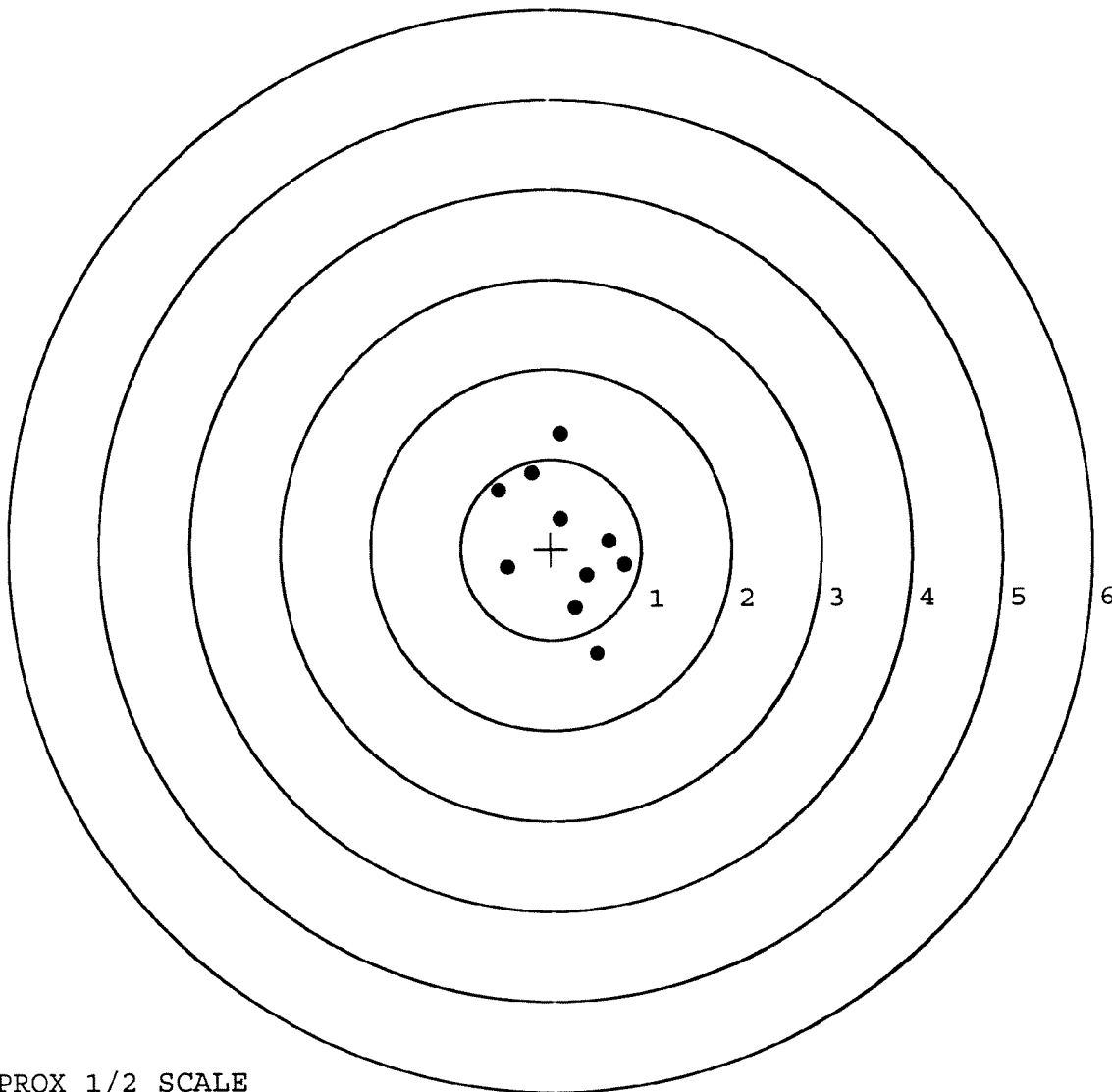
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	0.061
The Average Point of Impact of the Five Target Set:	0.073
The Average Mean Radius of the Five Target Set:	0.781
The Distance from POA to Centroid Target #1:	0.173
The Distance from Centroid Target #2 to Centroid Target #1:	0.290
The Distance from Centroid Target #3 to Centroid Target #1:	0.142
The Distance from Centroid Target #4 to Centroid Target #1:	0.048
The Distance from Centroid Target #5 to Centroid Target #1:	0.209

SERIAL NUMBER: G6699797. __0
 TARGET NUMBER: 1
 FILE DATE: 04/16/2008
 FILE TIME: 22:41

POINT#	X	Y
1:	0.119	1.281
2:	-0.205	0.847
3:	0.111	0.335
4:	-0.580	0.654
5:	-0.484	-0.202
6:	0.641	0.087
7:	0.815	-0.179
8:	0.397	-0.288
9:	0.262	-0.654
10:	0.503	-1.166

X CENTROID: 0.158
 Y CENTROID: 0.071
 POA TO CENTROID: 0.173
 HORZ SPREAD: 1.395
 VERT SPREAD: 2.447
 GROUP SPREAD: 2.477
 MIN RADIUS: 0.268
 MAX RADIUS: 1.285
 MEAN RADIUS: 0.761
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0178510

SERIAL NUMBER: G6699797. 0

TARGET NUMBER: 2

FILE DATE: 04/16/2008

FILE TIME: 22:41

POINT#	X	Y
1:	0.719	0.104
2:	0.343	0.018
3:	1.027	-0.594
4:	0.458	-1.018
5:	-0.397	-0.396
6:	-0.371	0.317
7:	-0.754	0.313
8:	-1.174	0.386
9:	-1.135	-0.140
10:	-0.040	1.646

X CENTROID: -0.132

Y CENTROID: 0.064

POA TO CENTROID: 0.147

HORZ SPREAD: 2.201

VERT SPREAD: 2.664

GROUP SPREAD: 2.710

MIN RADIUS: 0.348

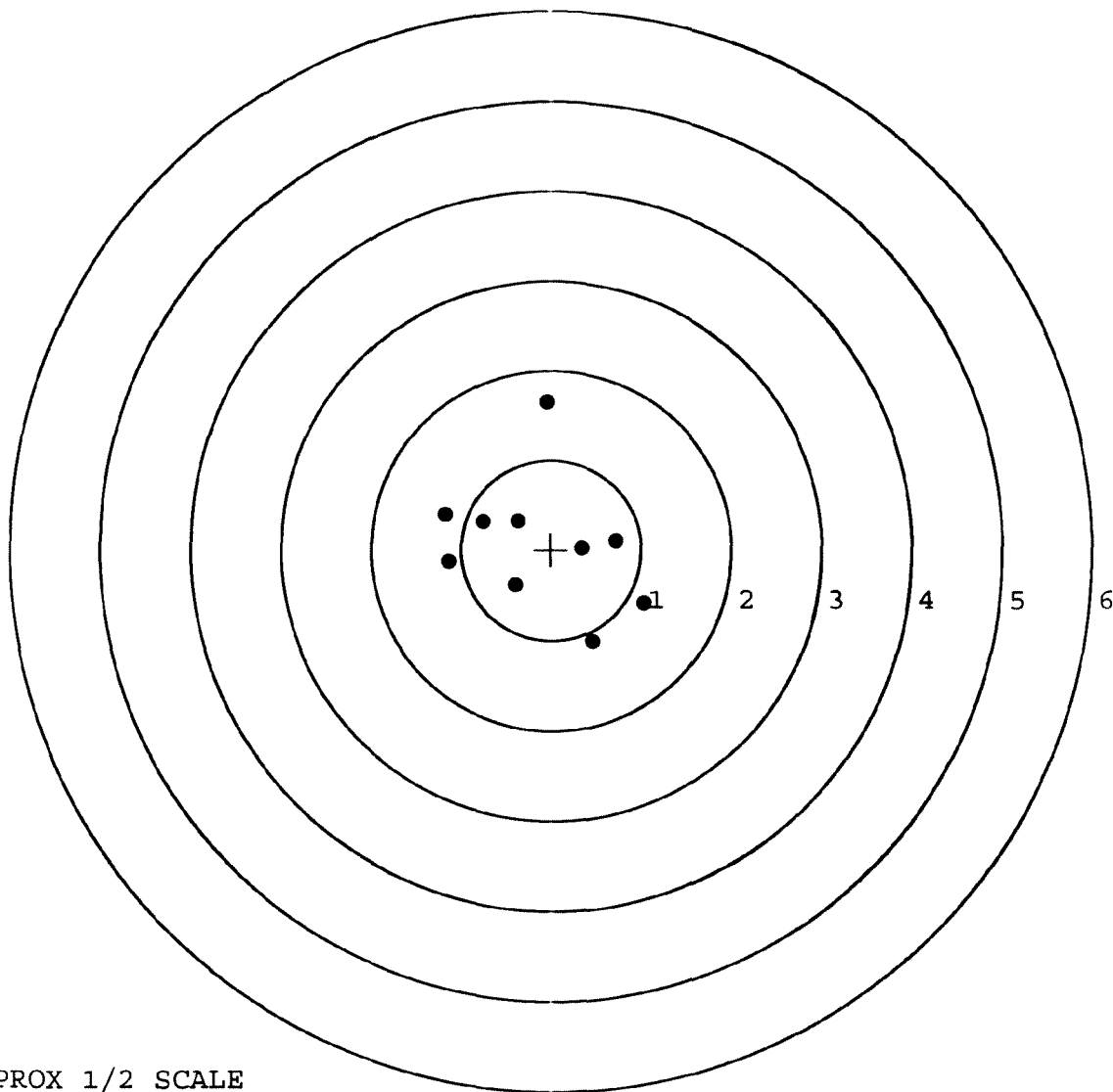
MAX RADIUS: 1.585

MEAN RADIUS: 0.914

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



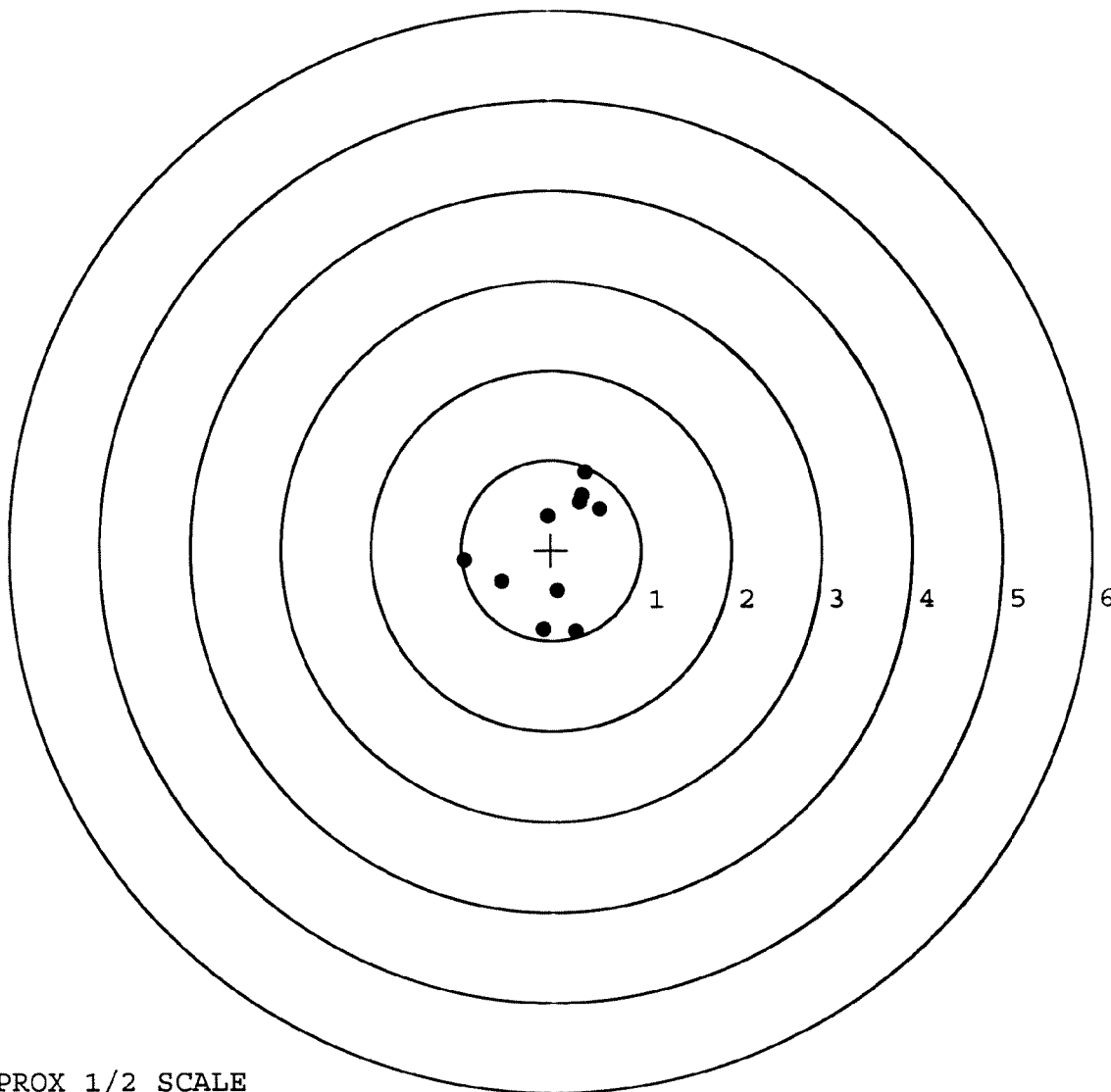
TARGET APPROX 1/2 SCALE

BARBER - M24 0178511

SERIAL NUMBER: G6699797. __0
 TARGET NUMBER: 3
 FILE DATE: 04/16/2008
 FILE TIME: 22:41

POINT#	X	Y
1:	0.381	0.865
2:	0.543	0.454
3:	-0.034	0.376
4:	0.068	-0.456
5:	0.269	-0.905
6:	-0.090	-0.884
7:	-0.552	-0.349
8:	-0.962	-0.117
9:	0.319	0.530
10:	0.346	0.609

X CENTROID: 0.029
 Y CENTROID: 0.012
 POA TO CENTROID: 0.031
 HORZ SPREAD: 1.505
 VERT SPREAD: 1.770
 GROUP SPREAD: 1.664
 MIN RADIUS: 0.369
 MAX RADIUS: 0.999
 MEAN RADIUS: 0.724
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

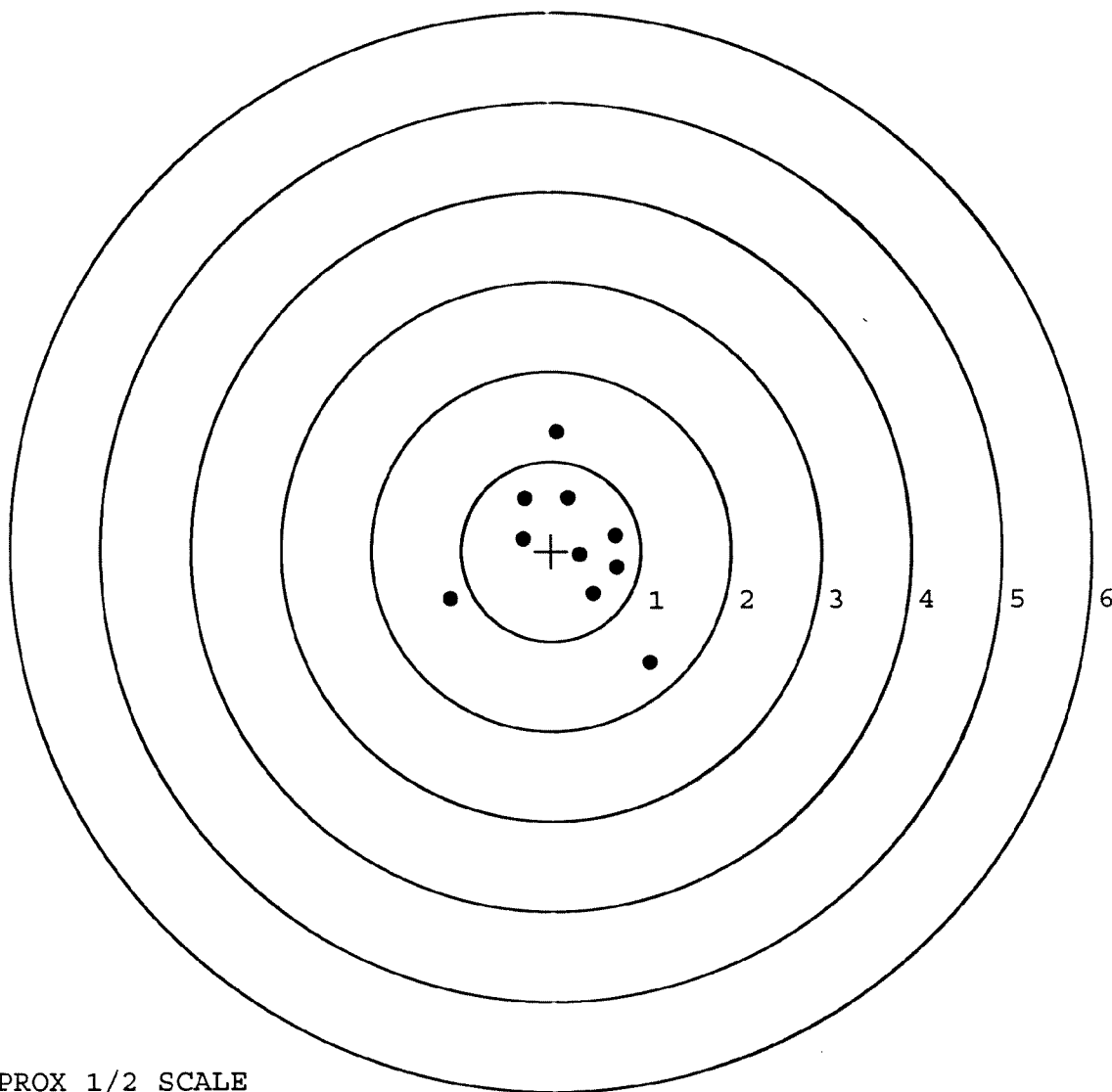


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699797. __0
 TARGET NUMBER: 4
 FILE DATE: 04/16/2008
 FILE TIME: 22:41

POINT#	X	Y
1:	0.070	1.324
2:	0.191	0.592
3:	-0.293	0.583
4:	-0.310	0.139
5:	-1.121	-0.534
6:	0.715	0.171
7:	0.315	-0.040
8:	0.732	-0.186
9:	0.466	-0.476
10:	1.090	-1.250

X CENTROID: 0.185
 Y CENTROID: 0.032
 POA TO CENTROID: 0.188
 HORZ SPREAD: 2.211
 VERT SPREAD: 2.574
 GROUP SPREAD: 2.769
 MIN RADIUS: 0.148
 MAX RADIUS: 1.569
 MEAN RADIUS: 0.795
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6699797. __0

TARGET NUMBER: 5

FILE DATE: 04/16/2008

FILE TIME: 22:41

POINT#	X	Y
1:	-0.216	1.127
2:	0.148	0.696
3:	0.612	0.825
4:	0.114	0.301
5:	-0.357	0.071
6:	-0.691	0.410
7:	-0.701	-0.128
8:	-0.028	-0.347
9:	0.453	-0.760
10:	0.224	-0.931

X CENTROID: -0.044

Y CENTROID: 0.126

POA TO CENTROID: 0.134

HORZ SPREAD: 1.313

VERT SPREAD: 2.058

GROUP SPREAD: 2.105

MIN RADIUS: 0.236

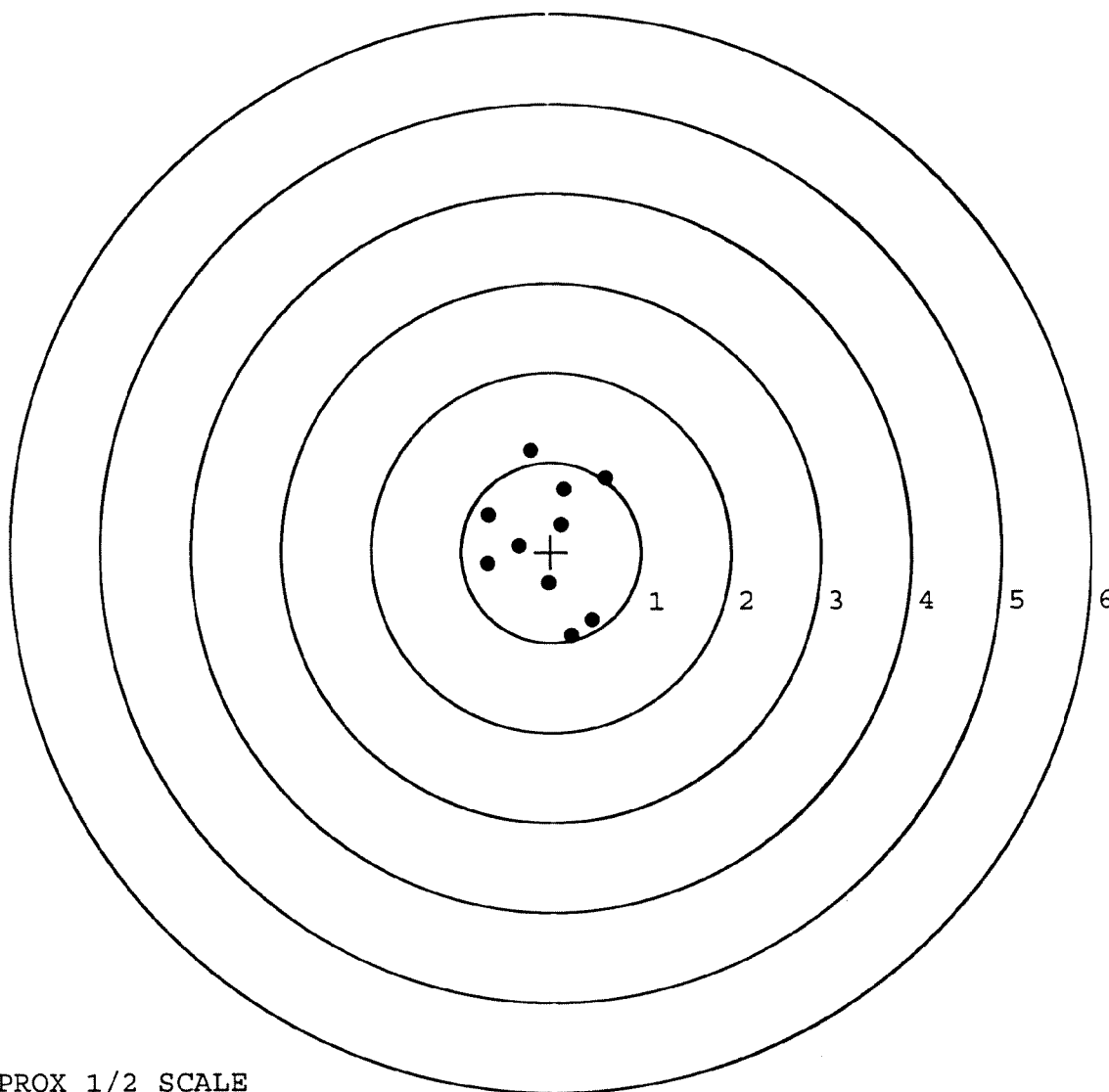
MAX RADIUS: 1.091

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE