

G663 7681

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

UPC



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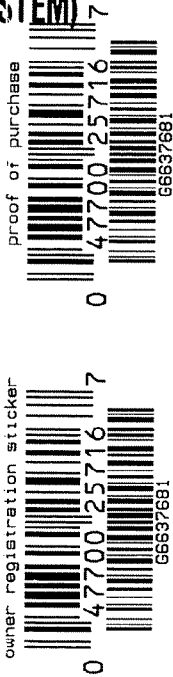


SERIAL NO.



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

G6637681



DD FORM

GUN SERIAL # G6637681

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-07	RTZ
420	ASSEMBLE ACTION		3-5-07	RTZ
430	ASSEMBLE TO STOCK		3-5-07	RTZ
440	PROOF		3-5-07	TRW
460	CHECK HEADSPACE	INSPECTED	3-5-07	TRW
470	DIS-ASSEMBLE ACTION	MAR 07 2007	3-5-07	TRW
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	3-7-07	<u>CPD</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-7-07	CW
510	DRILL AND TAP SIGHT HOLES		3-6-07	TRW
520	GOFF BLAST BBL / REC		3-7-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-13-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3/20/07	SPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/20/07	SPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/20/07	SPD
	D) OIL FIRING PIN ASSEMBLY		3/20/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/21/07	WJ
F004 REV 5/2006				

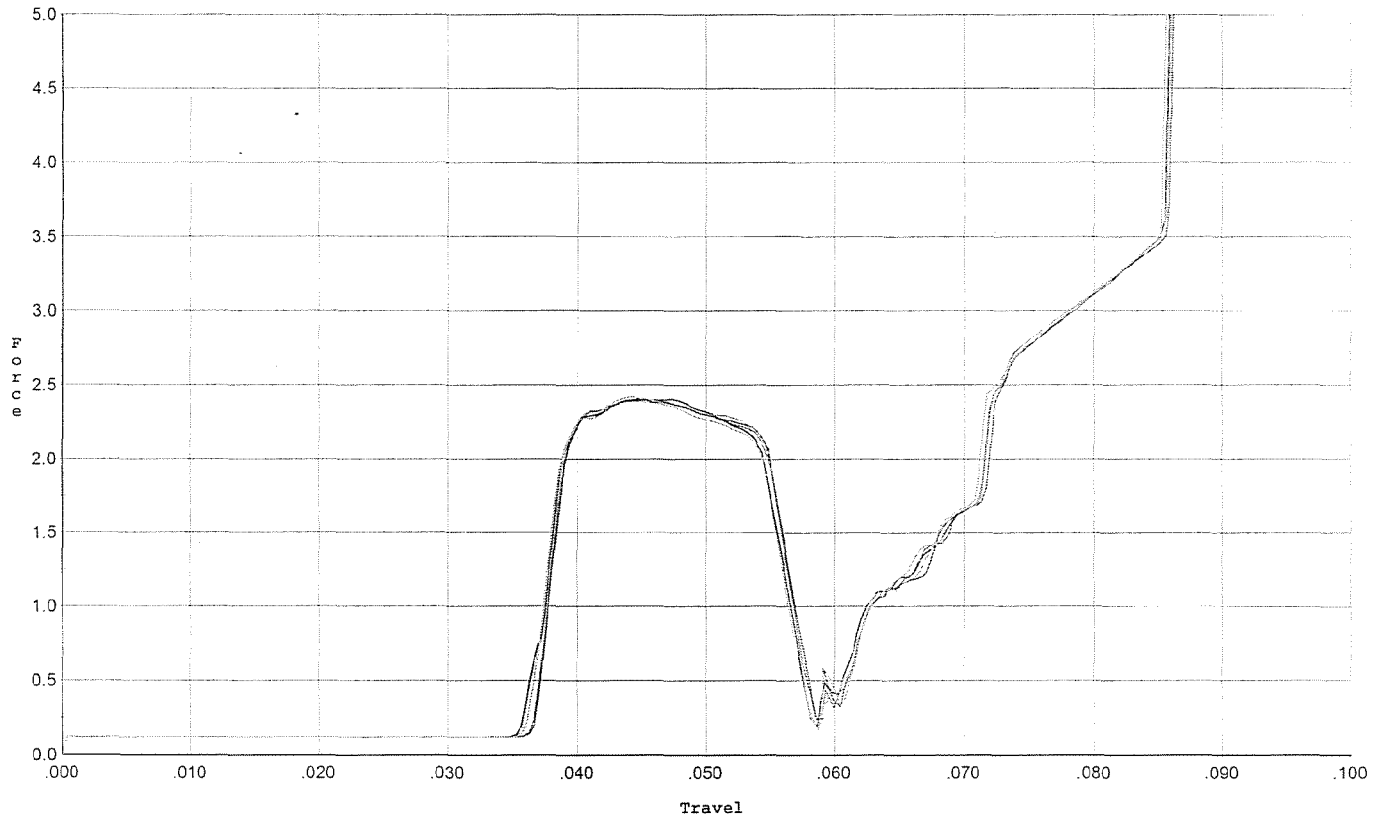
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	7.0 6.5 6.0	3/21/07	nom
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	3.25 3.25 3.25	3/21/07	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		3/21/07	nom
	I) FIRING PIN INDENT .020 MIN	.024 .024 .024	3/21/07	nom
	J) ASSEMBLE STOCK		3/20/07	RA
	K) ASSEMBLE SWIVEL STUDS		3/21/07	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/5/07	nom
	M) IRON SIGHT ALIGNMENT		4/5/07	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/5/07	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-21-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-21-07	Fm
670	FINAL INSPECTION A) HEADSPACE		3/21/07	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.77 2.55 2.36 2.14 2.27	3/21/07	nom
	C) FUNCTION		3/21/07	nom
690	PACK		4/10/07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



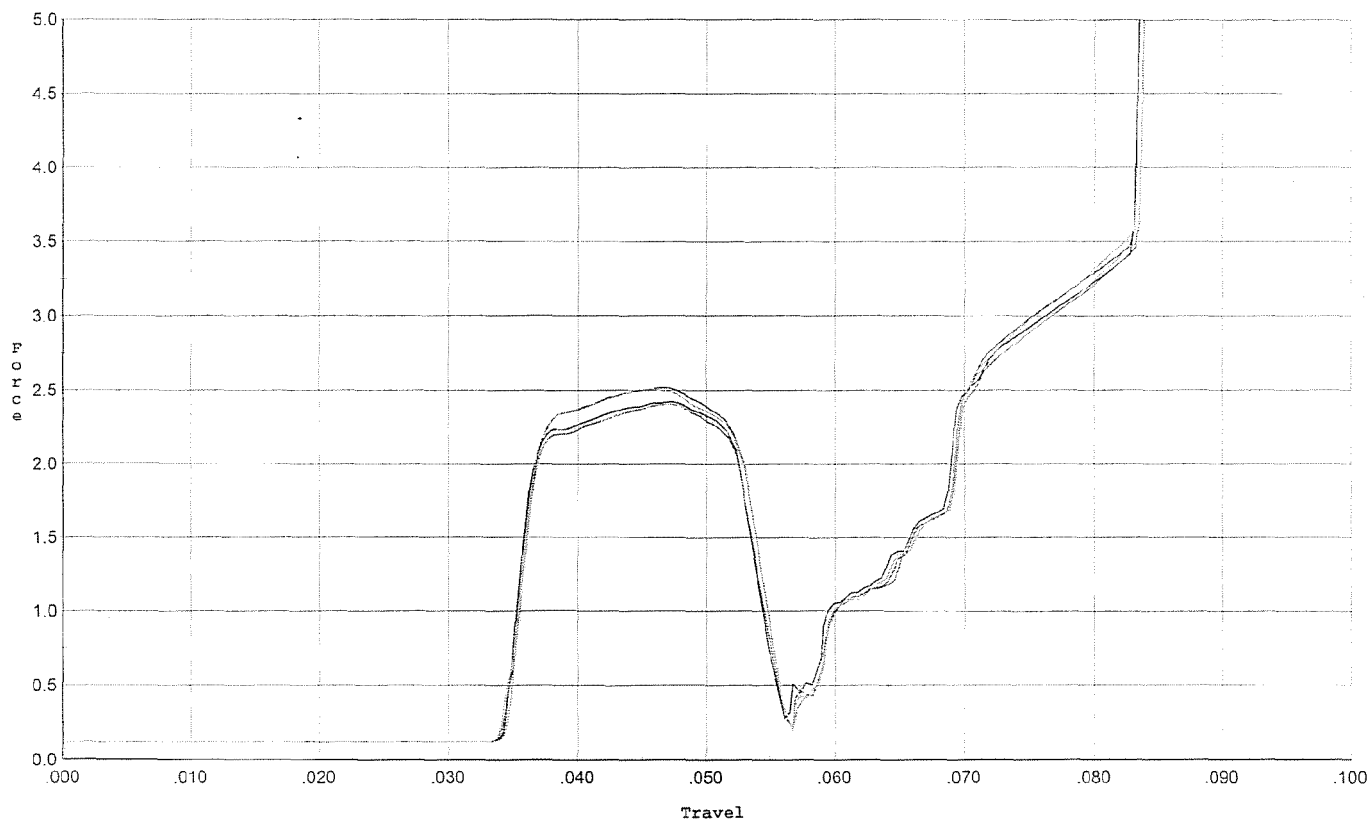
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.407	0.055	0.037	0.037	0.045		Set Trigger
2	2.409	0.056	0.036	0.037	0.046		Set Trigger
3	2.398	0.055	0.037	0.037	0.045		Set Trigger
4	2.391	0.054	0.036	0.037	0.044		Set Trigger
5	2.420	0.055	0.036	0.037	0.046		Set Trigger

AVG 2.40

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



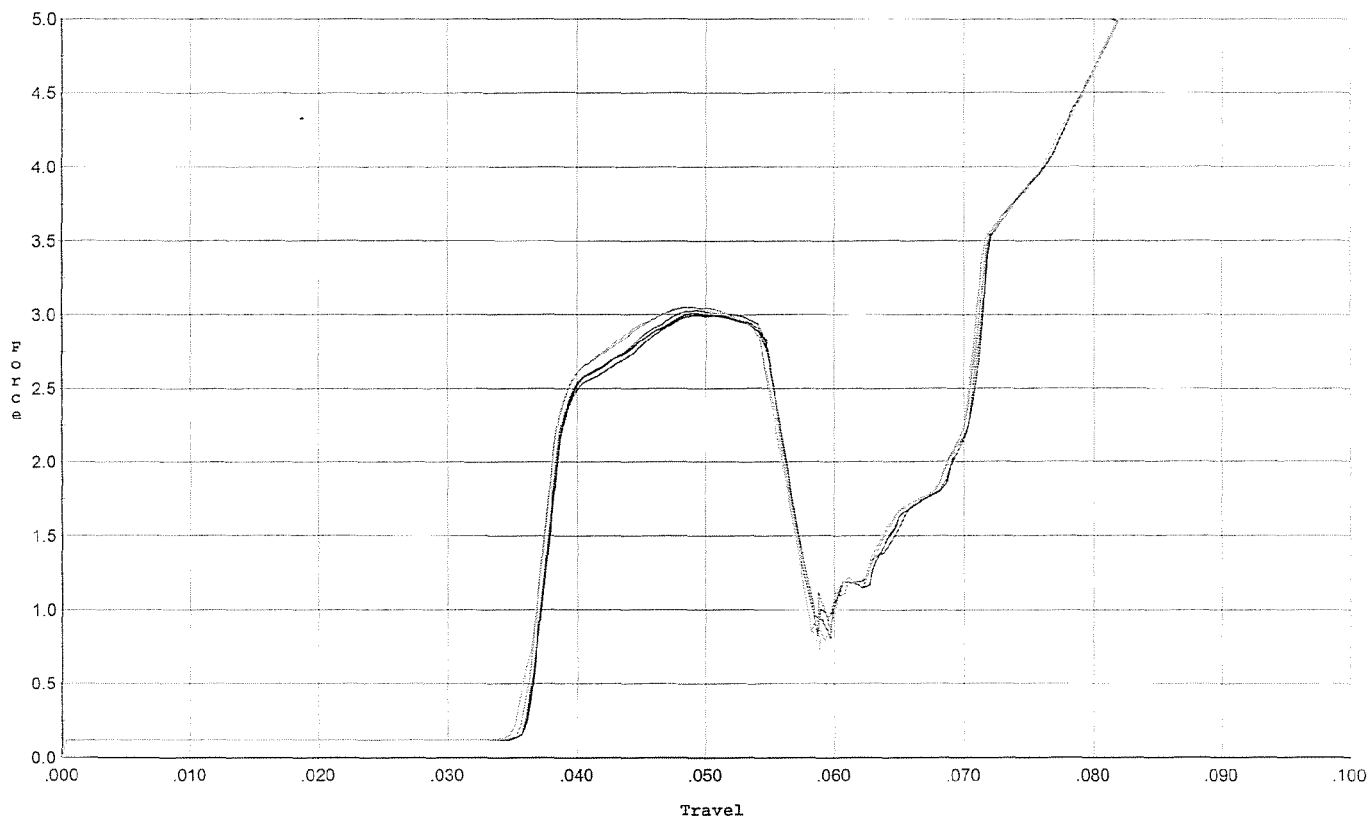
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.519	0.053	0.034	0.035	0.046		Set Trigger
2	2.423	0.052	0.035	0.036	0.044		Set Trigger
3	2.405	0.052	0.034	0.036	0.044		Set Trigger
4	2.405	0.053	0.035	0.036	0.045		Set Trigger
5	2.510	0.053	0.034	0.036	0.046		Set Trigger

AVG 2.45

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/06/07

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



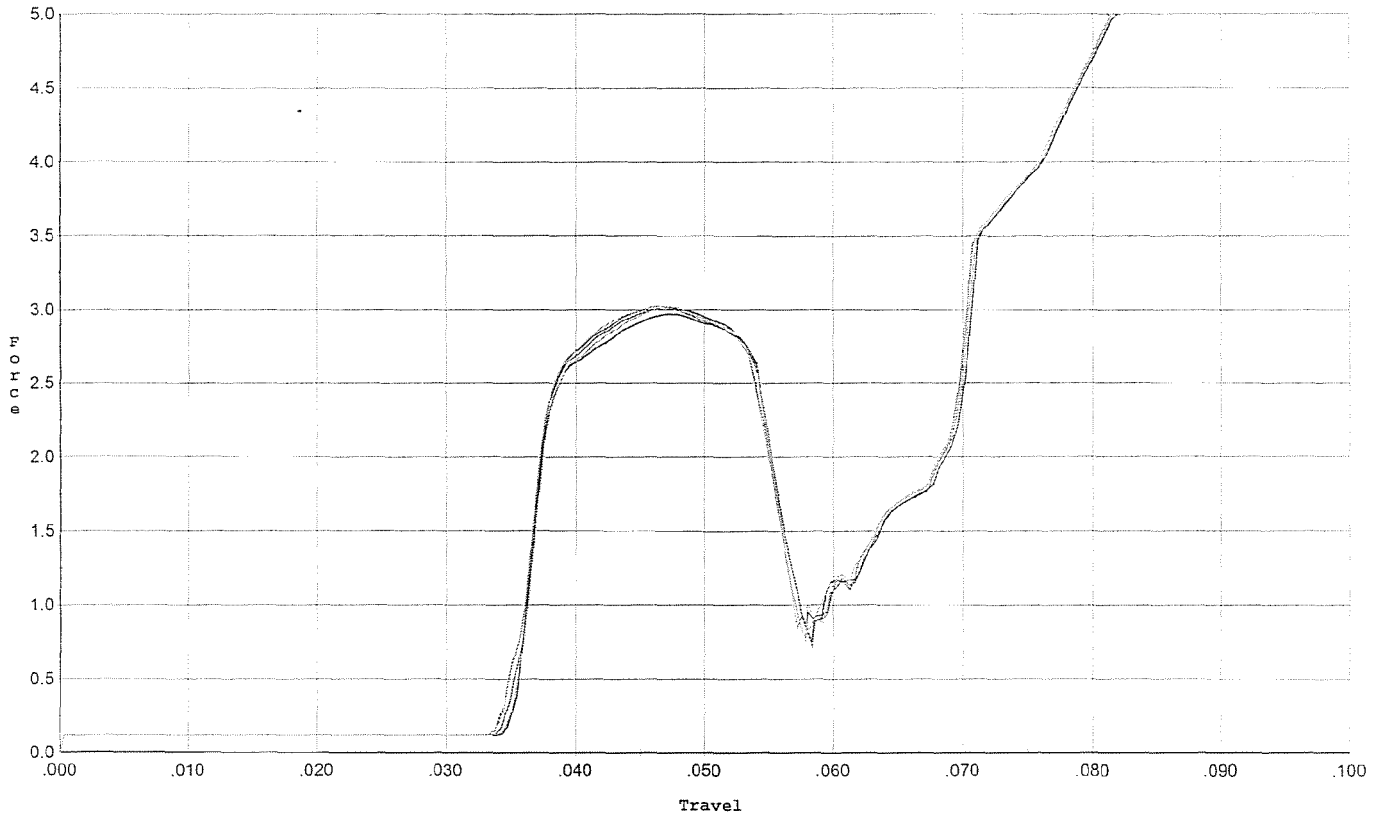
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.994	0.055	0.036	0.036	0.055		Set Trigger
2	3.009	0.055	0.036	0.036	0.055		Set Trigger
3	3.031	0.055	0.036	0.036	0.055		Set Trigger
4	3.053	0.056	0.035	0.035	0.058		Set Trigger
5	3.051	0.056	0.036	0.035	0.057		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



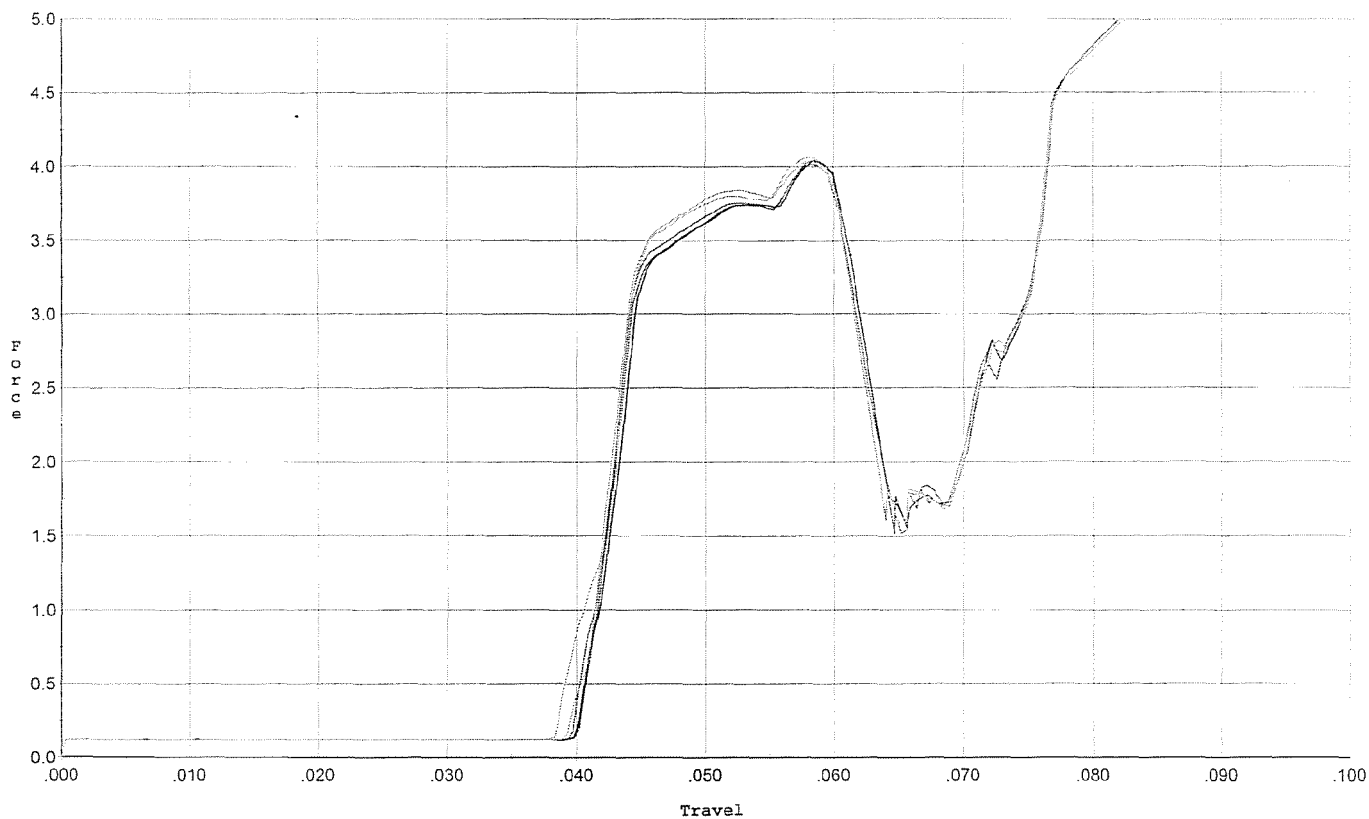
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.023	0.054	0.035	0.035	0.056		Set Trigger
2	2.970	0.054	0.035	0.035	0.055		Set Trigger
3	3.012	0.055	0.034	0.035	0.056		Set Trigger
4	3.022	0.055	0.034	0.035	0.057		Set Trigger
5	3.015	0.054	0.035	0.035	0.055		Set Trigger

Avg 3.00

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



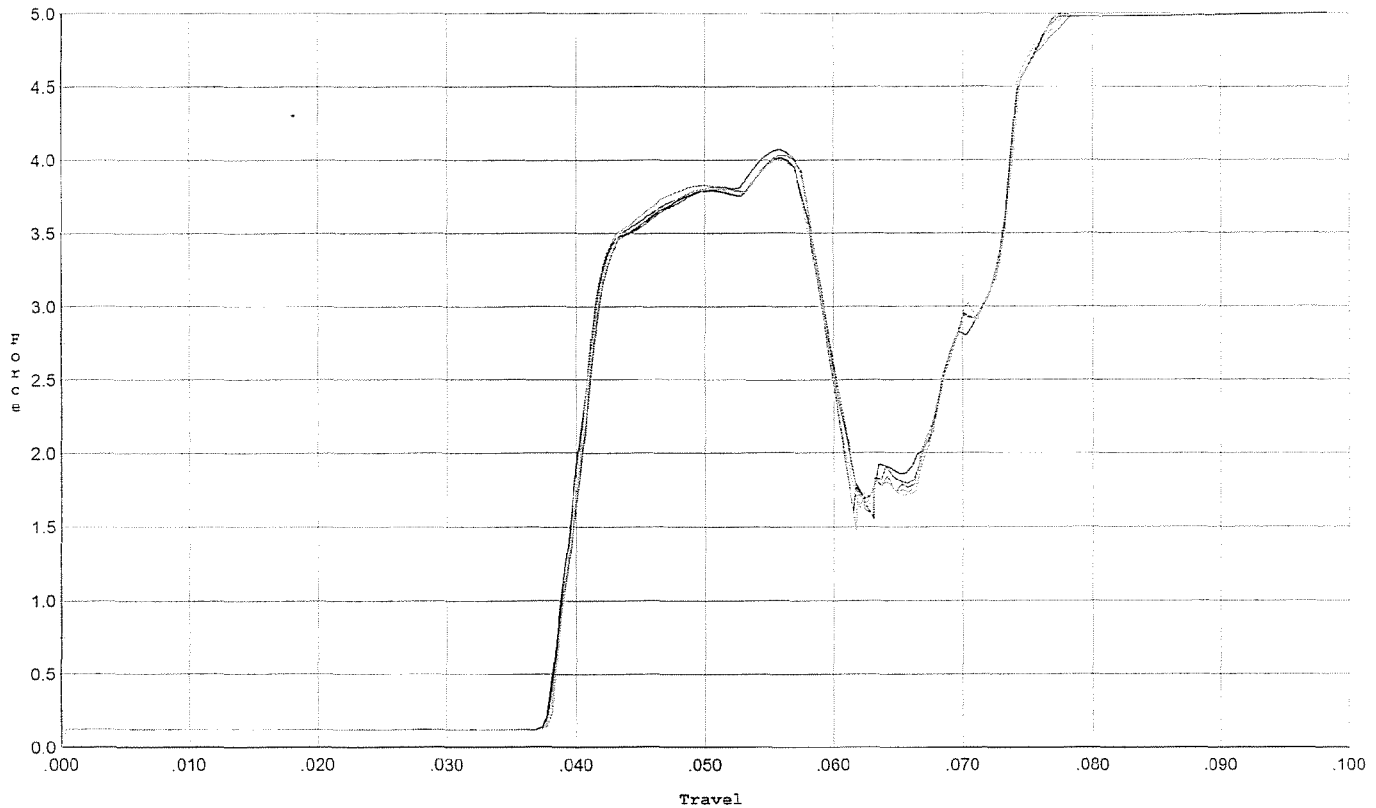
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.045	0.060	0.040	0.034	0.074		Set Trigger
2	4.035	0.061	0.040	0.033	0.076		Set Trigger
3	4.017	0.060	0.040	0.033	0.075		Set Trigger
4	4.064	0.060	0.039	0.034	0.077		Set Trigger
5	4.045	0.060	0.040	0.033	0.077		Set Trigger

AVG 4.04

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



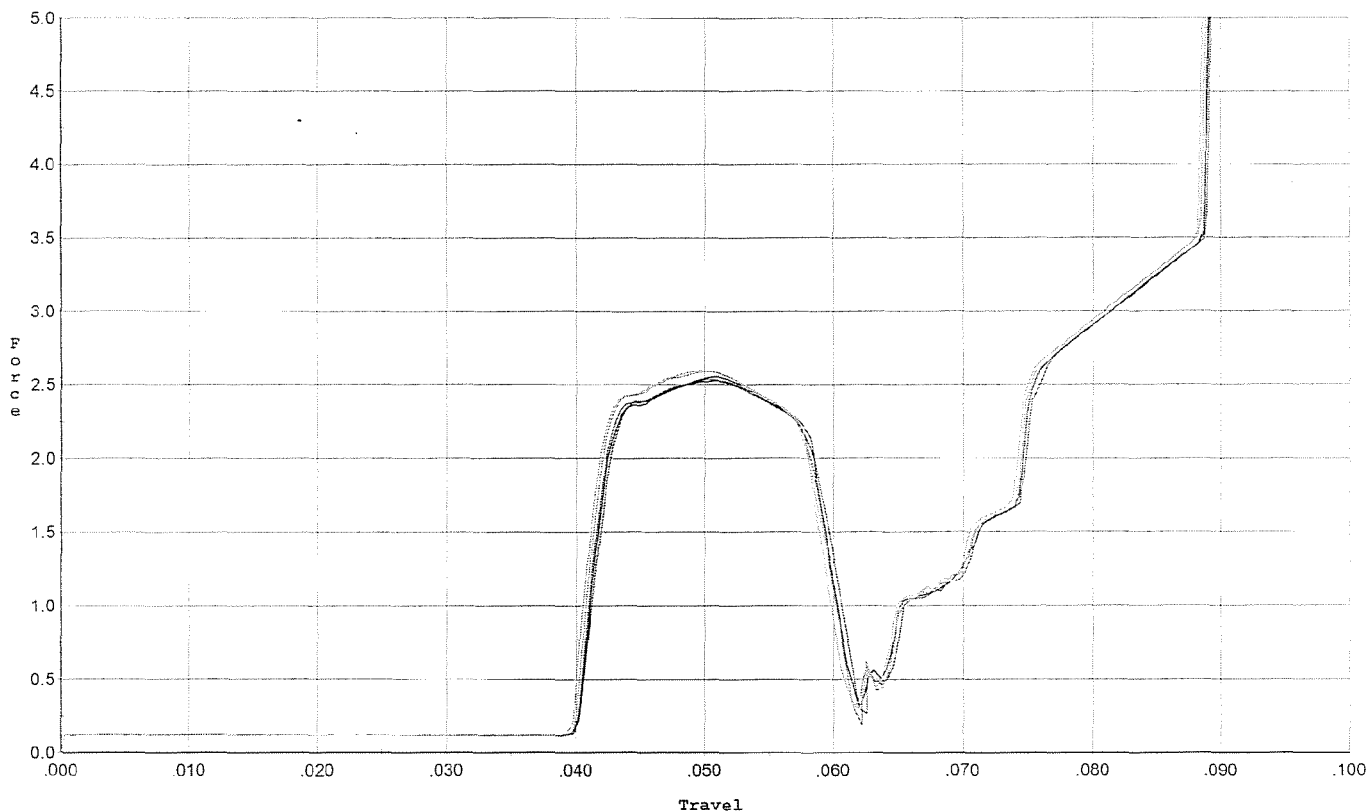
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.078	0.058	0.038	0.033	0.075		Set Trigger
2	4.019	0.058	0.038	0.033	0.076		Set Trigger
3	4.036	0.058	0.038	0.033	0.074		Set Trigger
4	4.031	0.058	0.038	0.033	0.075		Set Trigger
5	4.009	0.058	0.038	0.033	0.076		Set Trigger

AVG 4.03

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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



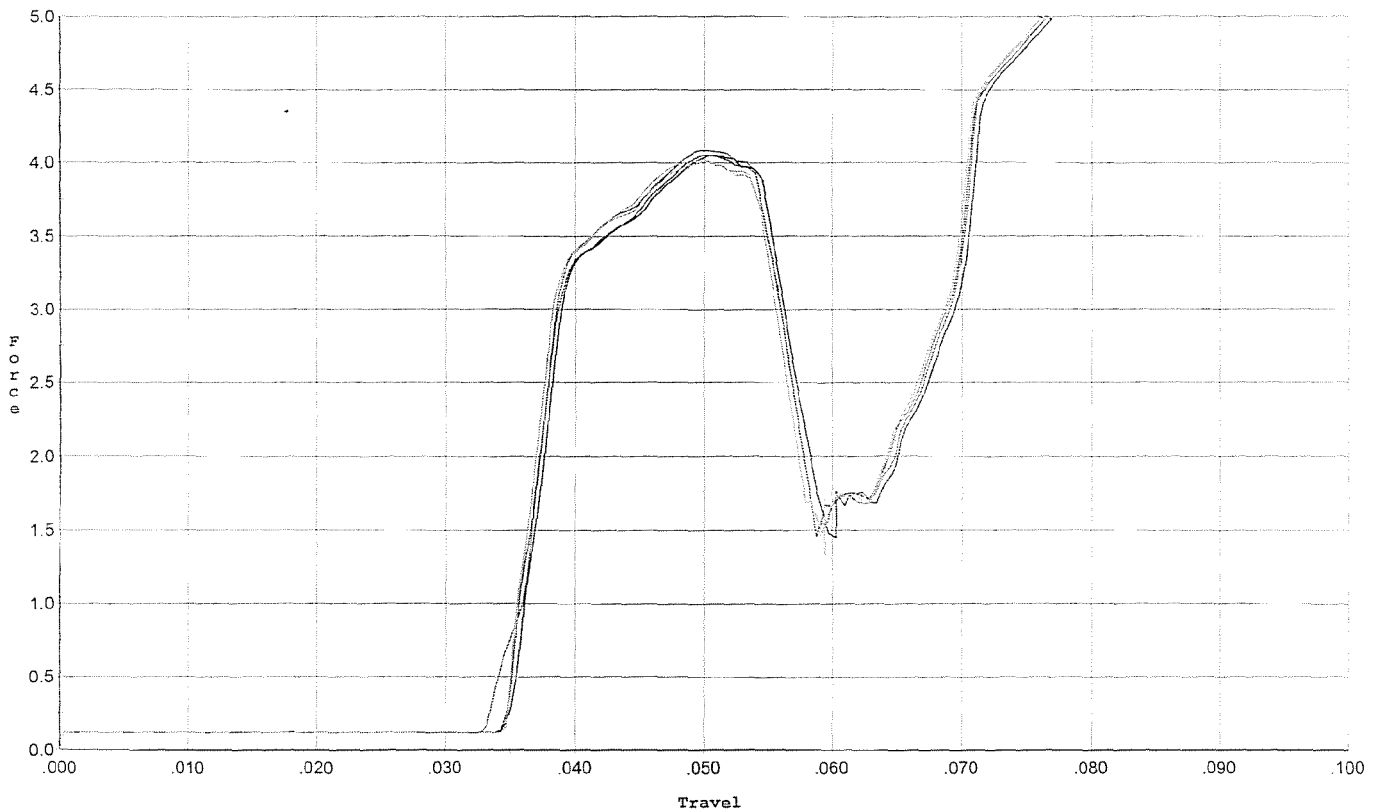
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.525	0.060	0.040	0.037	0.048		Set Trigger
2	2.552	0.058	0.040	0.037	0.047		Set Trigger
3	2.533	0.059	0.040	0.037	0.047		Set Trigger
4	2.595	0.058	0.040	0.037	0.048		Set Trigger
5	2.588	0.059	0.040	0.037	0.049		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/06/07

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	4.052	0.056	0.035	0.033	0.076		Set Trigger
2	4.050	0.055	0.035	0.034	0.074		Set Trigger
3	4.085	0.056	0.034	0.033	0.077		Set Trigger
4	4.007	0.054	0.035	0.034	0.074		Set Trigger
5	4.020	0.054	0.035	0.033	0.074		Set Trigger

AVG 4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637681.___0
FILE DATE AND TIME: 03/21/2007 11:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	-0.071
The Average Point of Impact of the Five Target Set:	0.104
The Average Mean Radius of the Five Target Set:	0.763
The Distance from POA to Centroid Target #1:	0.241
The Distance from Centroid Target #2 to Centroid Target #1:	0.476
The Distance from Centroid Target #3 to Centroid Target #1:	0.350
The Distance from Centroid Target #4 to Centroid Target #1:	0.130
The Distance from Centroid Target #5 to Centroid Target #1:	0.233

BARBER - M24 0144637

SERIAL NUMBER: G6637681. __0

TARGET NUMBER: 1

FILE DATE: 03/21/2007

FILE TIME: 11:44

POINT#	X	Y
1:	1.182	-0.264
2:	0.748	-0.172
3:	0.478	0.085
4:	-0.485	0.600
5:	-0.485	-0.323
6:	-1.094	0.173
7:	-1.461	1.962
8:	-0.540	-1.552
9:	1.174	-1.503
10:	1.571	-1.151

X CENTROID: 0.109

Y CENTROID: -0.215

POA TO CENTROID: 0.241

HORZ SPREAD: 3.032

VERT SPREAD: 3.514

GROUP SPREAD: 4.353

MIN RADIUS: 0.475

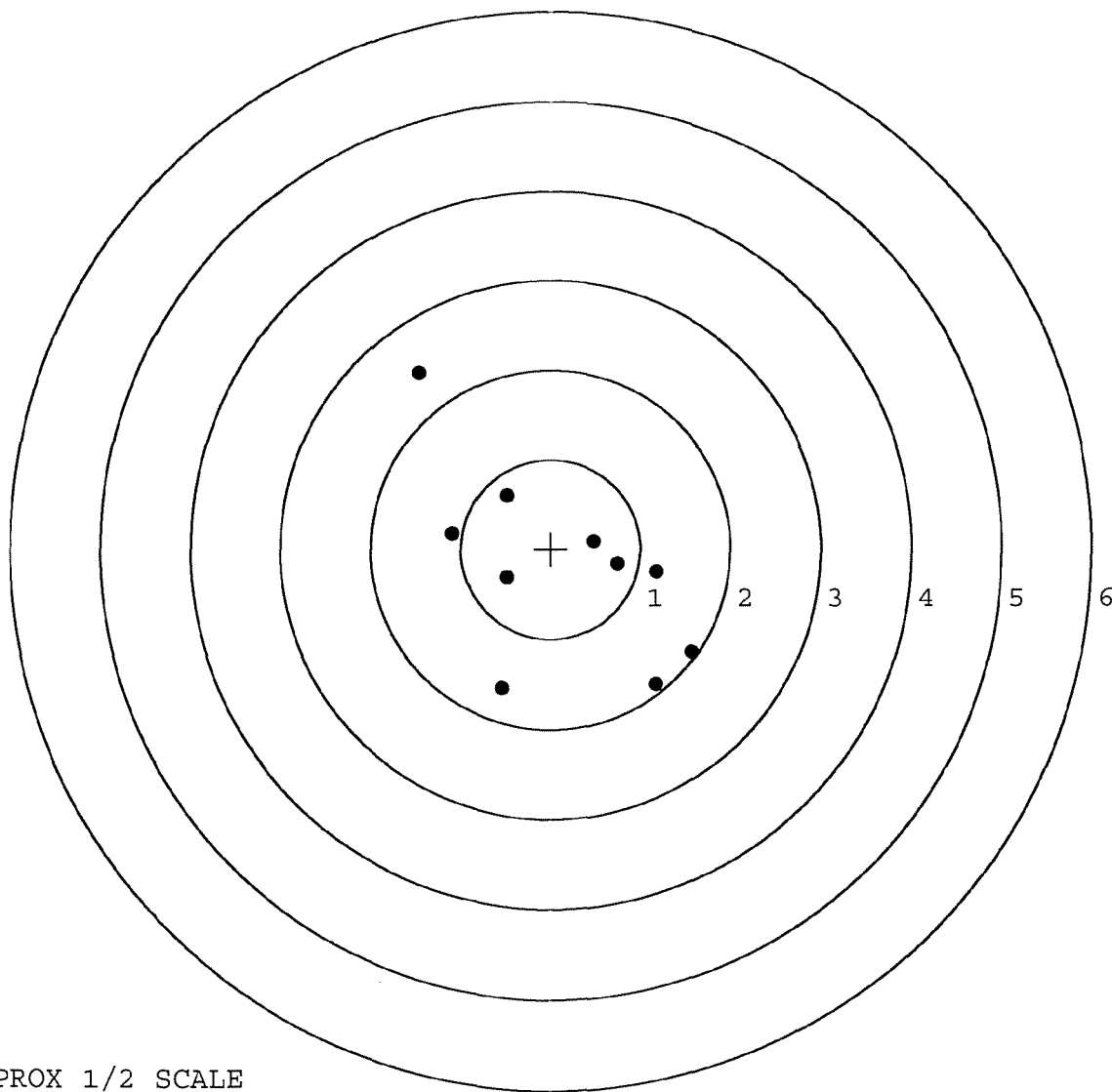
MAX RADIUS: 2.684

MEAN RADIUS: 1.264

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0144638

SERIAL NUMBER: G6637681. __ 0

TARGET NUMBER: 2

FILE DATE: 03/21/2007

FILE TIME: 11:44

POINT#	X	Y
1:	-0.602	-1.183
2:	-0.349	-0.571
3:	0.571	-0.621
4:	0.980	0.240
5:	0.112	0.126
6:	-0.459	0.149
7:	-0.319	0.724
8:	-0.770	0.551
9:	-0.401	0.954
10:	-0.778	1.102

X CENTROID: -0.201

Y CENTROID: 0.147

POA TO CENTROID: 0.249

HORZ SPREAD: 1.758

VERT SPREAD: 2.285

GROUP SPREAD: 2.292

MIN RADIUS: 0.258

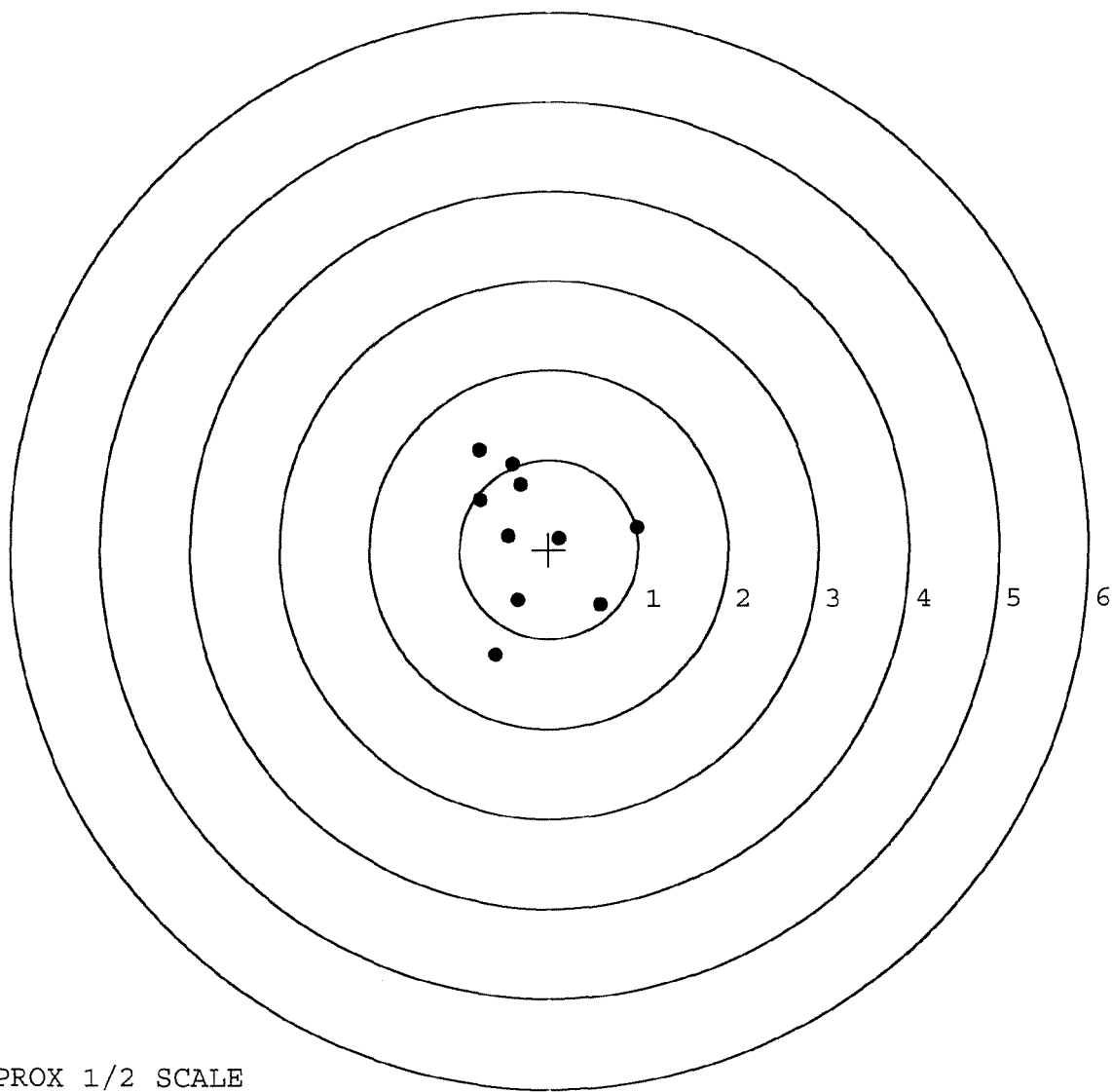
MAX RADIUS: 1.389

MEAN RADIUS: 0.820

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144639

SERIAL NUMBER: G6637681. __0

TARGET NUMBER: 3

FILE DATE: 03/21/2007

FILE TIME: 11:44

POINT#	X	Y
1:	-1.330	-0.846
2:	-0.348	-0.920
3:	0.411	-0.511
4:	0.456	0.222
5:	0.199	1.026
6:	-0.378	0.370
7:	-0.203	0.138
8:	-0.529	-0.013
9:	-0.150	-0.206
10:	-0.259	-0.023

X CENTROID: -0.213

Y CENTROID: -0.076

POA TO CENTROID: 0.226

HORZ SPREAD: 1.786

VERT SPREAD: 1.946

GROUP SPREAD: 2.417

MIN RADIUS: 0.070

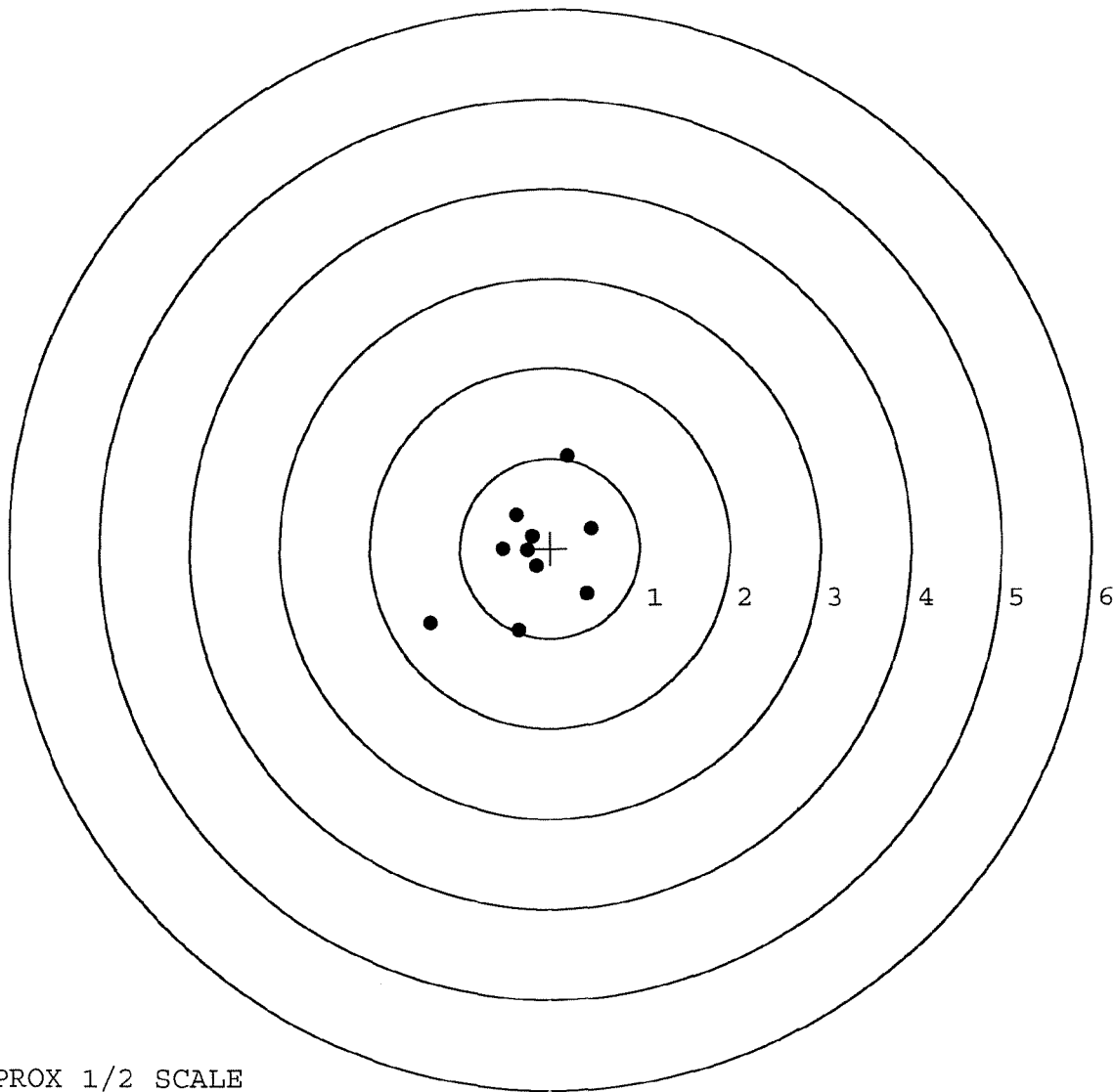
MAX RADIUS: 1.356

MEAN RADIUS: 0.611

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144640

SERIAL NUMBER: G6637681. __ 0

TARGET NUMBER: 4

FILE DATE: 03/21/2007

FILE TIME: 11:44

POINT#	X	Y
1:	-0.420	-1.220
2:	-0.218	-0.919
3:	-0.206	-0.439
4:	-0.407	-0.087
5:	0.535	-0.136
6:	0.305	-0.237
7:	0.351	0.068
8:	0.633	0.356
9:	-0.116	0.605
10:	-0.370	0.689

X CENTROID: 0.009

Y CENTROID: -0.132

POA TO CENTROID: 0.132

HORZ SPREAD: 1.053

VERT SPREAD: 1.909

GROUP SPREAD: 1.910

MIN RADIUS: 0.314

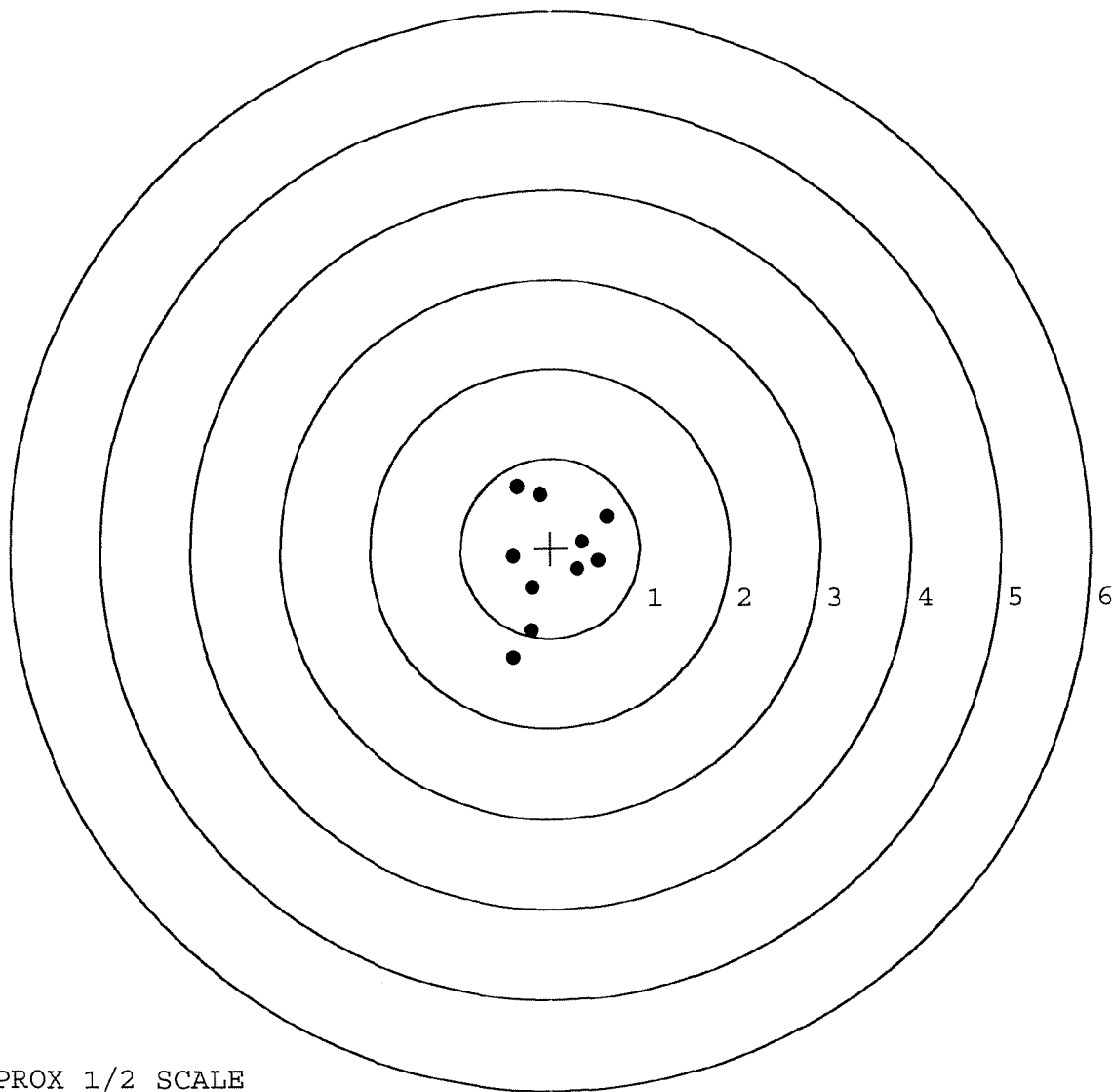
MAX RADIUS: 1.169

MEAN RADIUS: 0.646

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0144641

SERIAL NUMBER: G6637681. __0

TARGET NUMBER: 5

FILE DATE: 03/21/2007

FILE TIME: 11:44

POINT#	X	Y
1:	0.815	0.347
2:	0.378	-0.289
3:	0.144	-0.291
4:	0.237	0.198
5:	0.004	0.277
6:	-0.177	-0.226
7:	-0.354	-0.158
8:	-0.589	-0.086
9:	-0.817	-0.421
10:	-0.449	-0.142

X CENTROID: -0.081

Y CENTROID: -0.079

POA TO CENTROID: 0.113

HORZ SPREAD: 1.632

VERT SPREAD: 0.768

GROUP SPREAD: 1.804

MIN RADIUS: 0.176

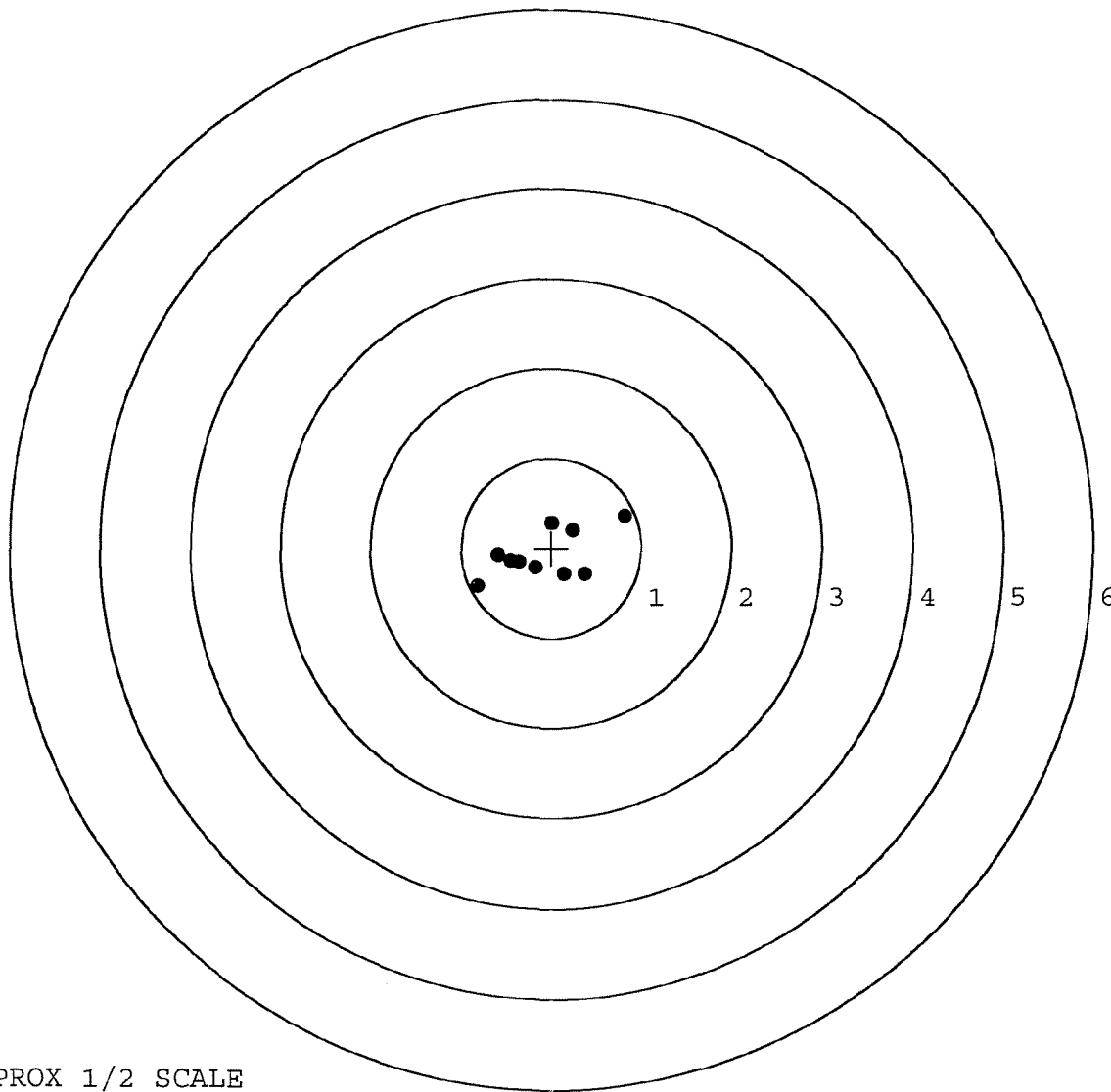
MAX RADIUS: 0.992

MEAN RADIUS: 0.475

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE