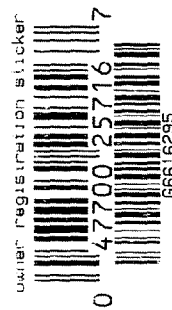


G6616295

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

- INSTRUCTION BOOK 3518

DD FORM

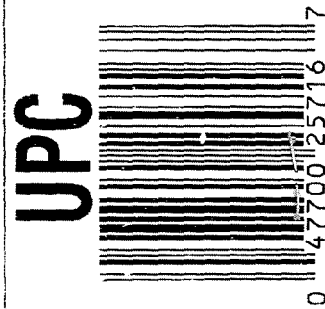


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6616295



ORDER 25716

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

UPC



0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



66616295

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6616295

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-22-06	RTZ
420	ASSEMBLE ACTION		12-22-06	RTZ
430	ASSEMBLE TO STOCK		12-27-06	L.P.D.
440	PROOF		12-27-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	12-27-06	L.P.D.
470	DIS-ASSEMBLE ACTION	JAN 05 2007	12-27-06	L.P.D.
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	12-28-06	RTZ
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		1-4-07	CW
510	DRILL AND TAP SIGHT HOLES		1-4-07	TRW
520	GOFF BLAST BBL / REC		1-8-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/19/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		2-8-07	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		2-8-07	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		2-8-07	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		2-8-07	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/15/07	mon
F004 REV 5/2006				

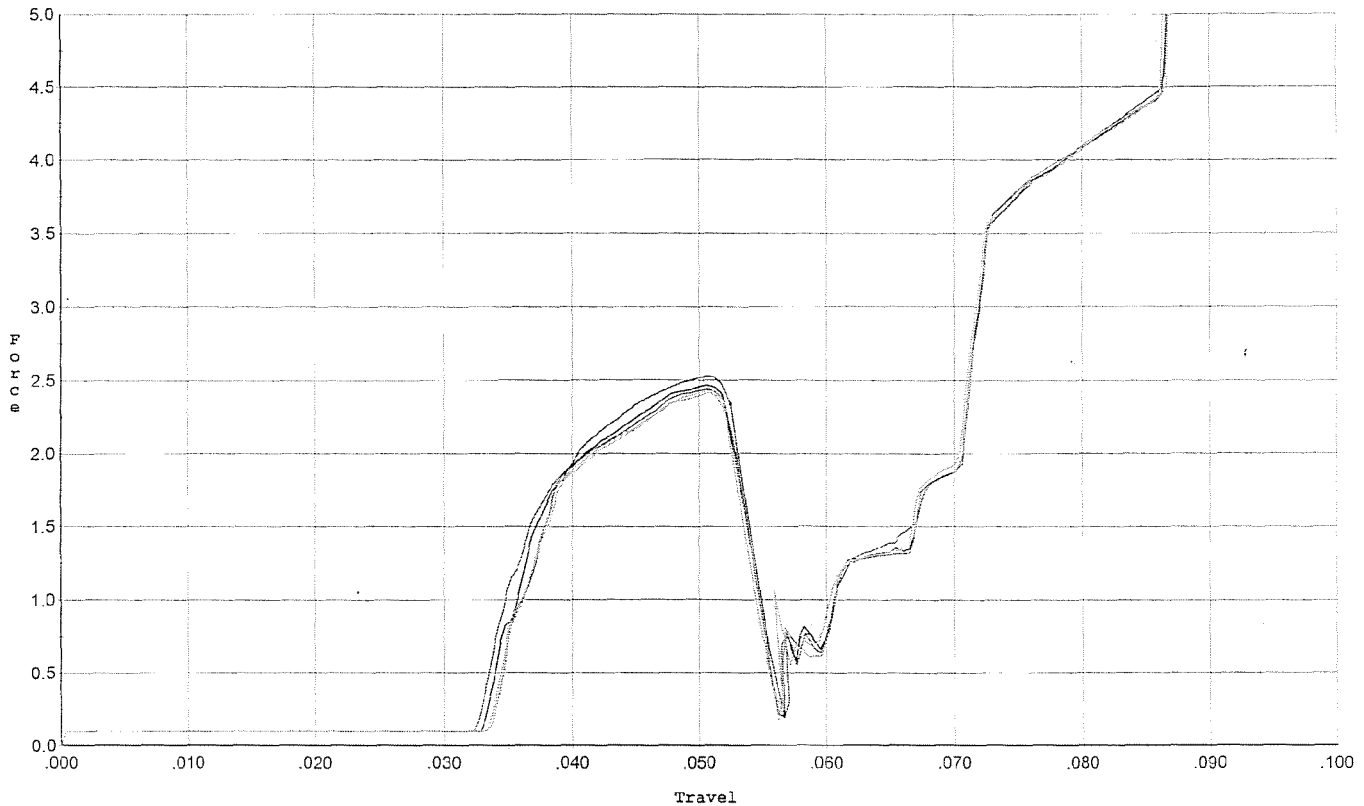
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6°</u> <u>6°</u> <u>6°</u>	2/13/07	nom
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3°</u> <u>3°</u> <u>3°</u>	2/13/07	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		2/13/07	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	2/13/07	nom
	J) ASSEMBLE STOCK		2-8-07	J.P.D.
	K) ASSEMBLE SWIVEL STUDS		2/13/07	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2/13/07	nom
	M) IRON SIGHT ALIGNMENT		2/13/07	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2/13/07	nom
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL		
650	TARGET	<u>PASS</u> FAIL	2-9-07	TRA
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		2-9-07	Fm
670	FINAL INSPECTION A) HEADSPACE		2/13/07	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.42</u> <u>2.45</u> <u>2.43</u> <u>2.43</u> <u>2.45</u>	2-9-07	Fm
	C) FUNCTION		2/13/07	nom
690	PACK		2/22/07	GA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/29/07

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



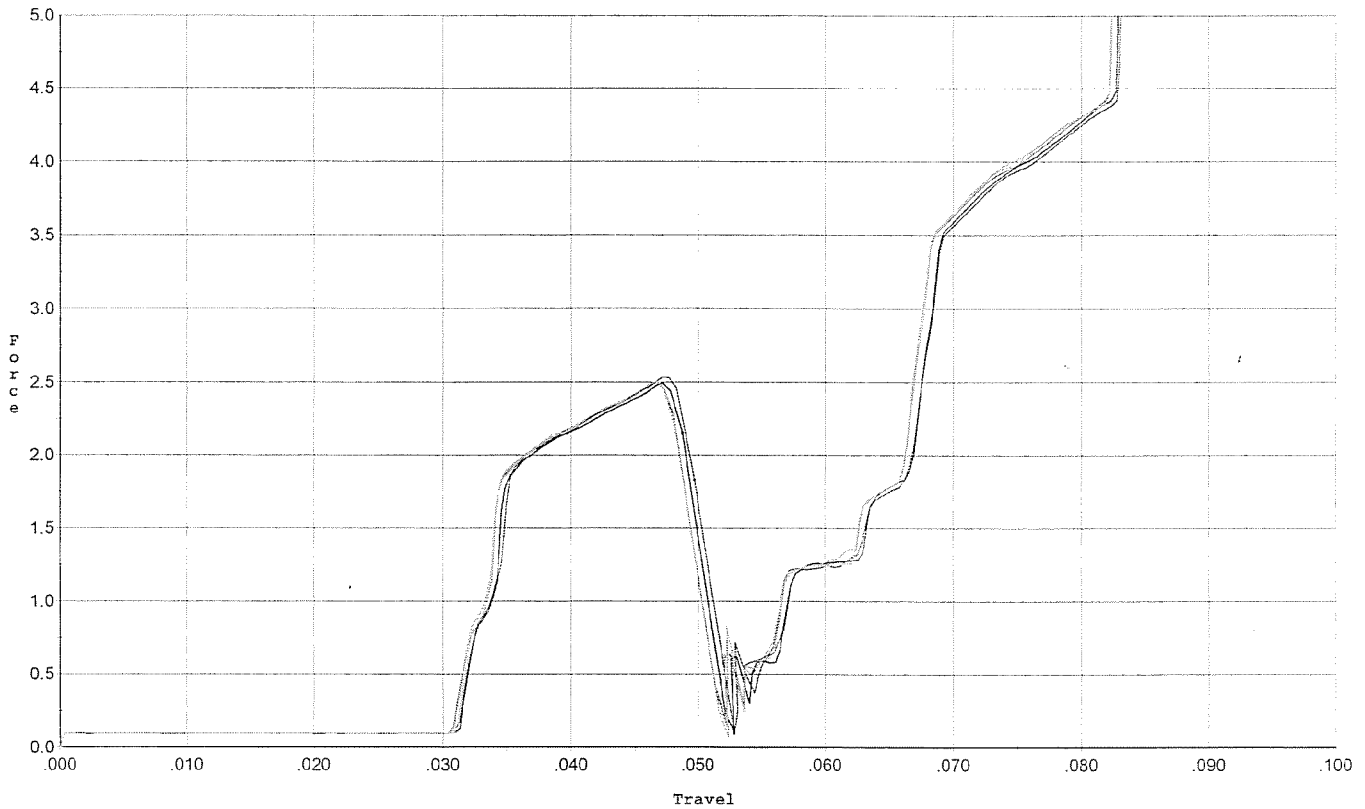
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.528	0.052	0.033	0.038	0.044		Set Trigger
2	2.464	0.053	0.033	0.038	0.042		Set Trigger
3	2.435	0.053	0.034	0.038	0.041		Set Trigger
4	2.429	0.053	0.034	0.038	0.040		Set Trigger
5	2.416	0.052	0.034	0.038	0.039		Set Trigger

Aug 2.46

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/29/07

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



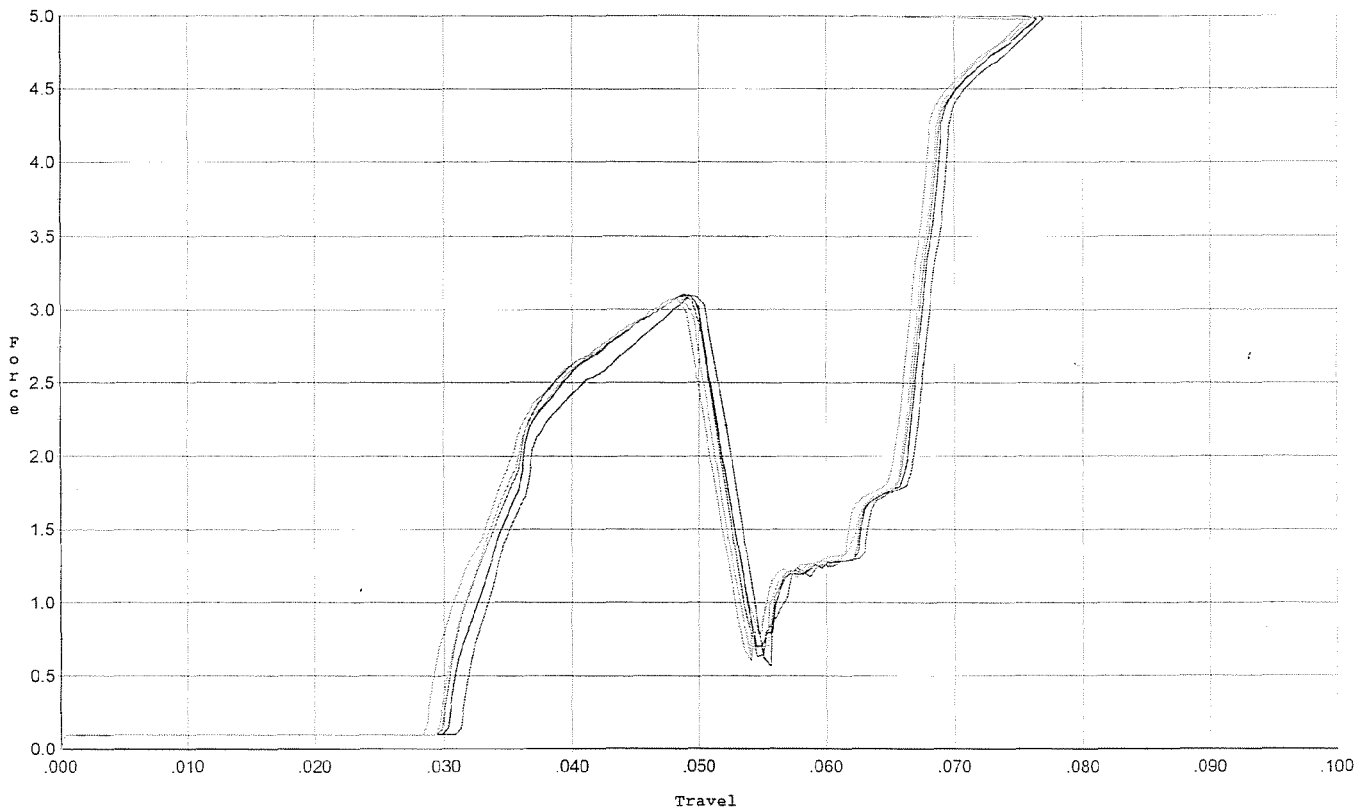
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.535	0.050	0.031	0.037	0.040		Set Trigger
2	2.493	0.049	0.032	0.037	0.038		Set Trigger
3	2.503	0.048	0.031	0.037	0.038		Set Trigger
4	2.504	0.048	0.031	0.037	0.038		Set Trigger
5	2.503	0.048	0.031	0.037	0.038		Set Trigger

Aug 2.50

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/29/07

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



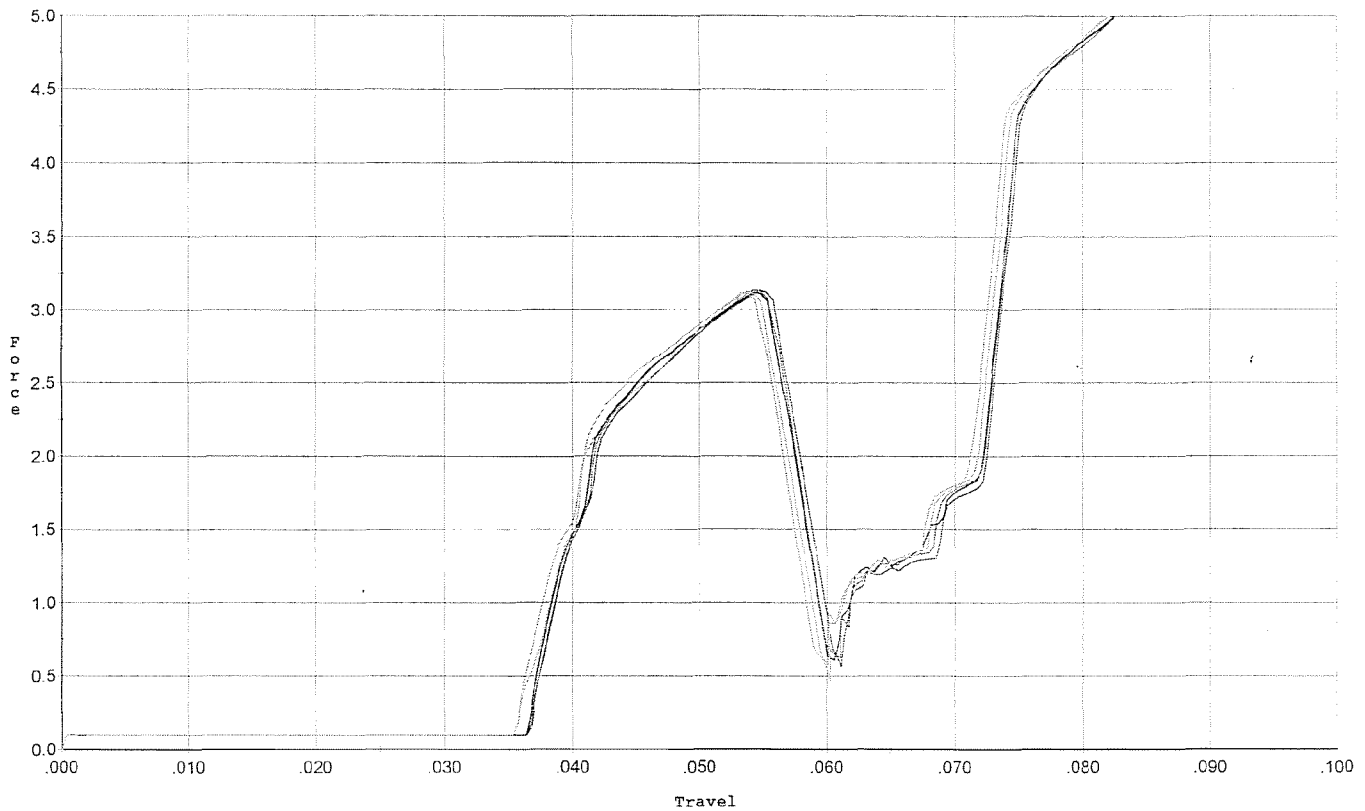
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.093	0.052	0.032	0.035	0.051		Set Trigger
2	3.107	0.050	0.031	0.035	0.050		Set Trigger
3	3.093	0.050	0.030	0.035	0.052		Set Trigger
4	3.076	0.050	0.030	0.035	0.050		Set Trigger
5	3.075	0.049	0.029	0.035	0.051		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/29/07

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



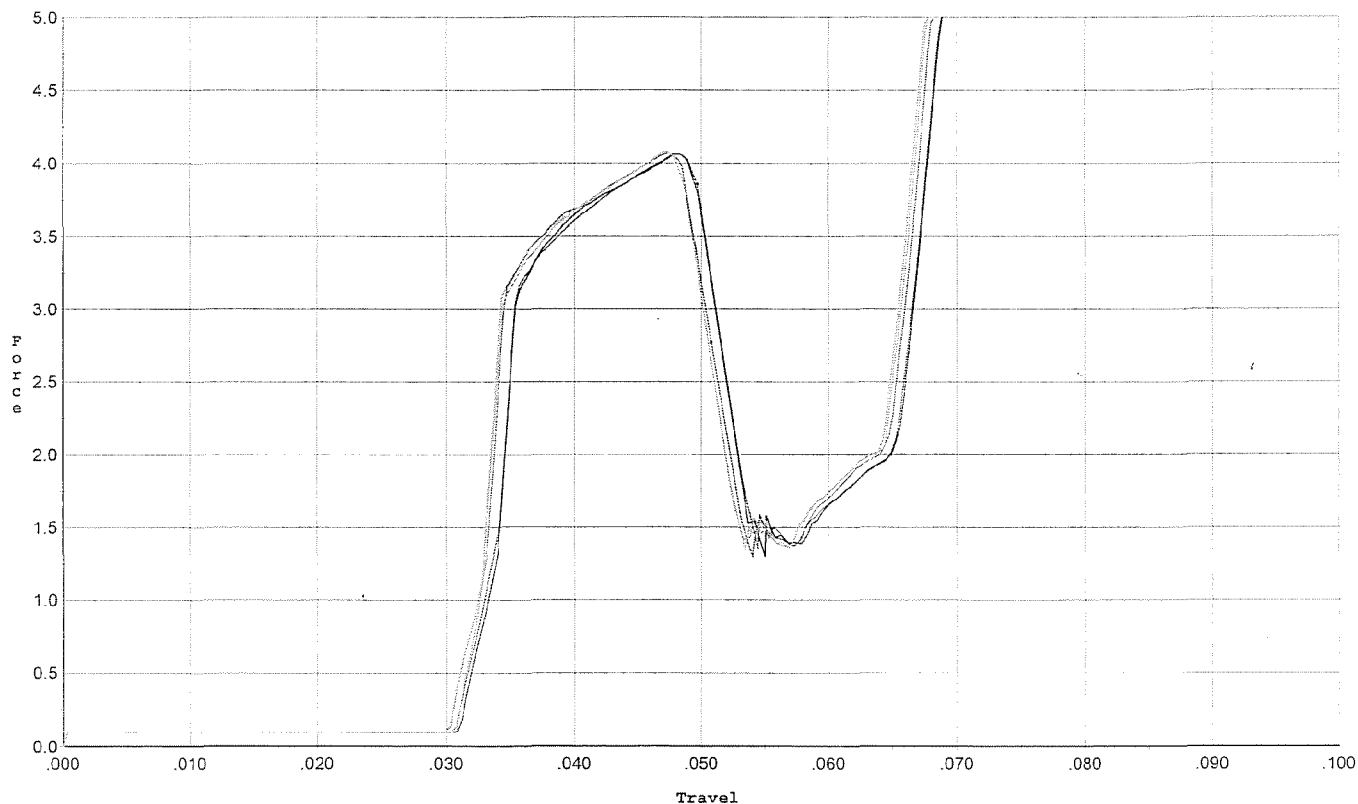
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.133	0.058	0.037	0.037	0.054		Set Trigger
2	3.120	0.057	0.037	0.037	0.053		Set Trigger
3	3.133	0.056	0.037	0.037	0.052		Set Trigger
4	3.126	0.057	0.036	0.037	0.053		Set Trigger
5	3.115	0.056	0.036	0.037	0.051		Set Trigger

AUG 312

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/29/07

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



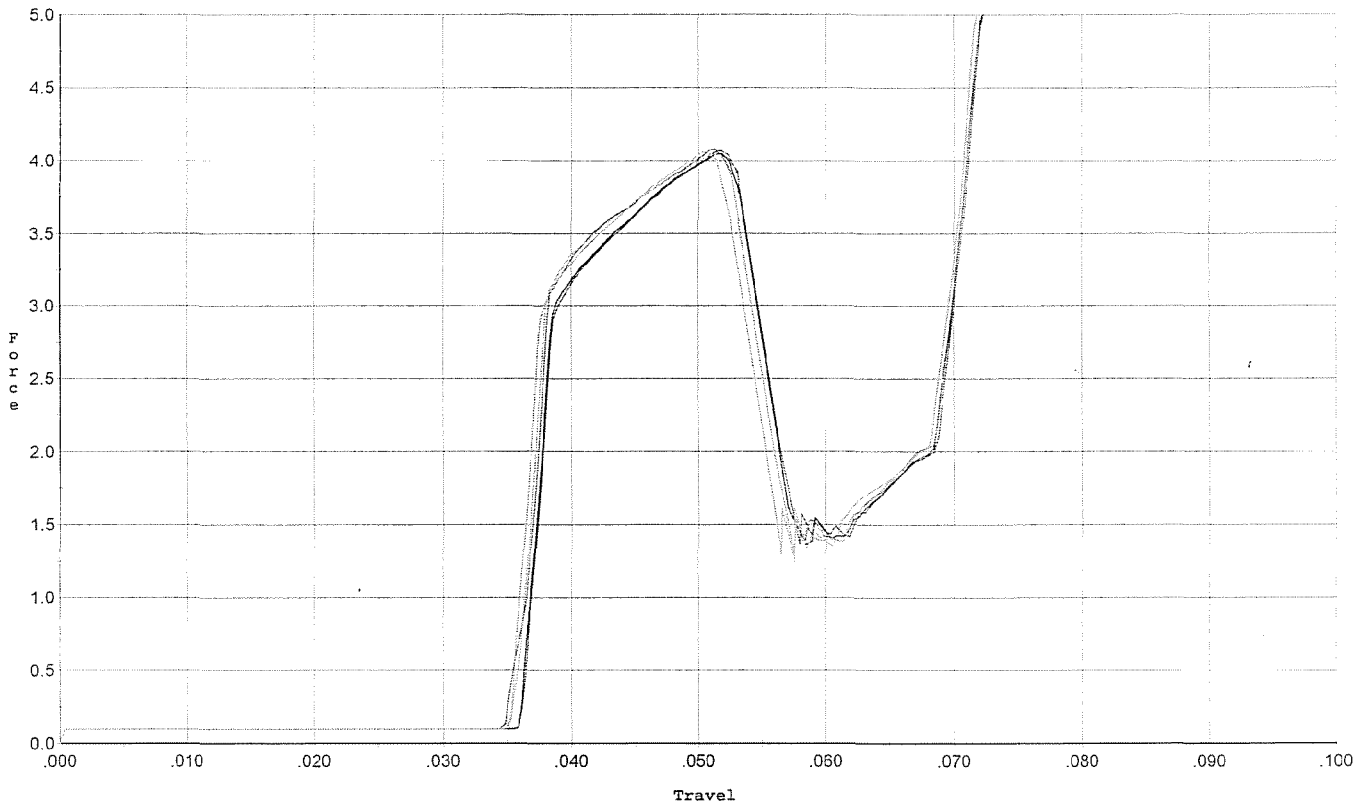
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.064	0.050	0.031	0.031	0.066		Set Trigger
2	4.068	0.050	0.031	0.031	0.066		Set Trigger
3	4.076	0.051	0.031	0.031	0.069		Set Trigger
4	4.078	0.049	0.031	0.031	0.066		Set Trigger
5	4.085	0.049	0.031	0.031	0.065		Set Trigger

Avg 4.07

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/29/07

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



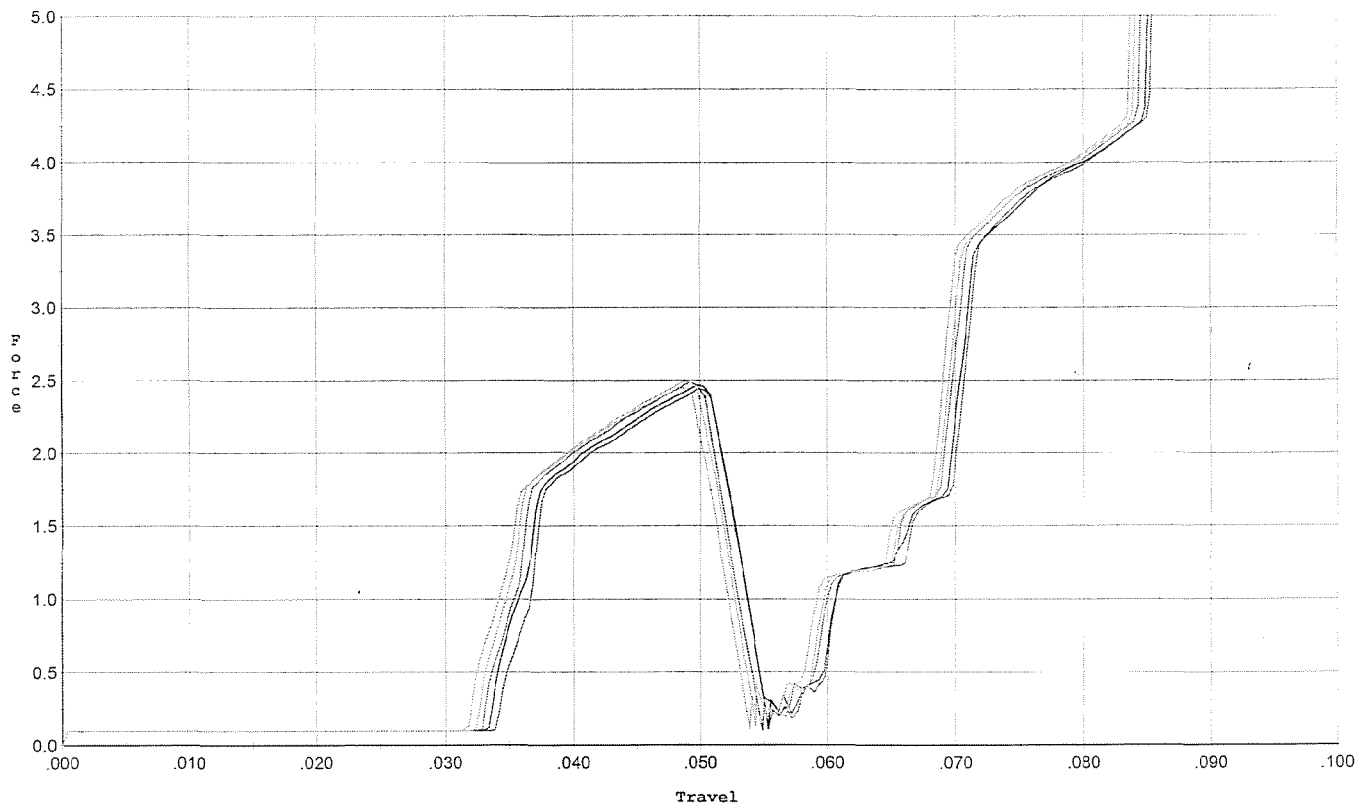
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.072	0.053	0.036	0.032	0.065		Set Trigger
2	4.047	0.053	0.036	0.032	0.066		Set Trigger
3	4.080	0.053	0.035	0.033	0.066		Set Trigger
4	4.044	0.053	0.035	0.033	0.066		Set Trigger
5	4.064	0.053	0.035	0.033	0.066		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/29/07

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



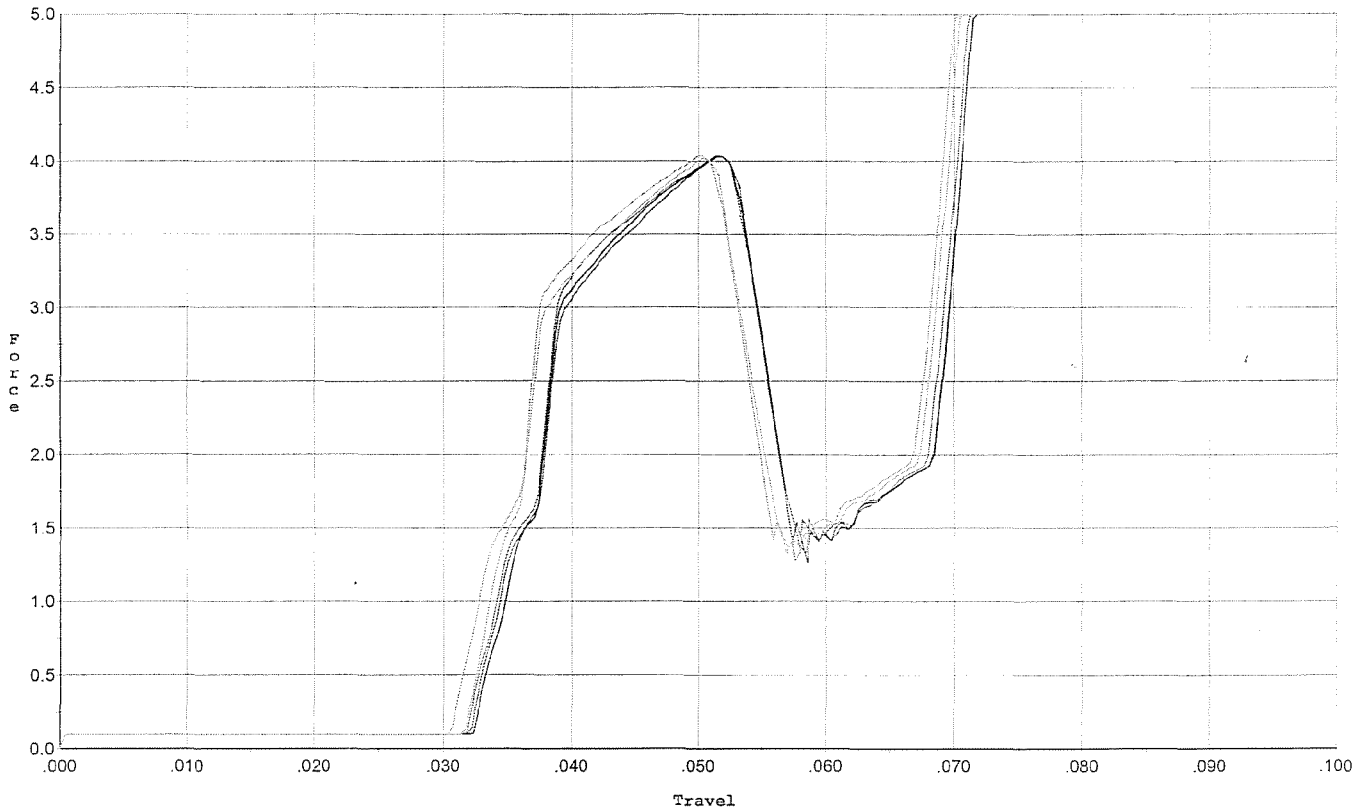
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.443	0.053	0.034	0.037	0.039		Set Trigger
2	2.469	0.053	0.034	0.037	0.040		Set Trigger
3	2.489	0.050	0.033	0.037	0.039		Set Trigger
4	2.496	0.051	0.033	0.037	0.040		Set Trigger
5	2.448	0.051	0.032	0.037	0.040		Set Trigger

Aug 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/29/07

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	4.031	0.053	0.033	0.032	0.068		Set Trigger
2	4.034	0.053	0.033	0.032	0.068		Set Trigger
3	4.042	0.054	0.032	0.032	0.070		Set Trigger
4	4.023	0.052	0.032	0.032	0.066		Set Trigger
5	4.036	0.052	0.031	0.032	0.069		Set Trigger

Avg 4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616295.__0
FILE DATE AND TIME: 02/09/2007 12:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	-0.045
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.525
The Distance from POA to Centroid Target #1:	0.172
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.222
The Distance from Centroid Target #4 to Centroid Target #1:	0.124
The Distance from Centroid Target #5 to Centroid Target #1:	0.144

BARBER - M24 0136210

SERIAL NUMBER: G6616295. __ 0

TARGET NUMBER: 1

FILE DATE: 02/09/2007

FILE TIME: 12:50

POINT#	X	Y
1:	0.756	-0.817
2:	0.321	0.575
3:	-0.201	0.566
4:	-0.036	0.093
5:	-0.768	0.176
6:	-0.590	-0.321
7:	-0.114	-0.367
8:	-0.057	-0.628
9:	0.164	-0.651
10:	0.375	-0.337

X CENTROID: -0.015

Y CENTROID: -0.171

POA TO CENTROID: 0.172

HORZ SPREAD: 1.524

VERT SPREAD: 1.392

GROUP SPREAD: 1.819

MIN RADIUS: 0.219

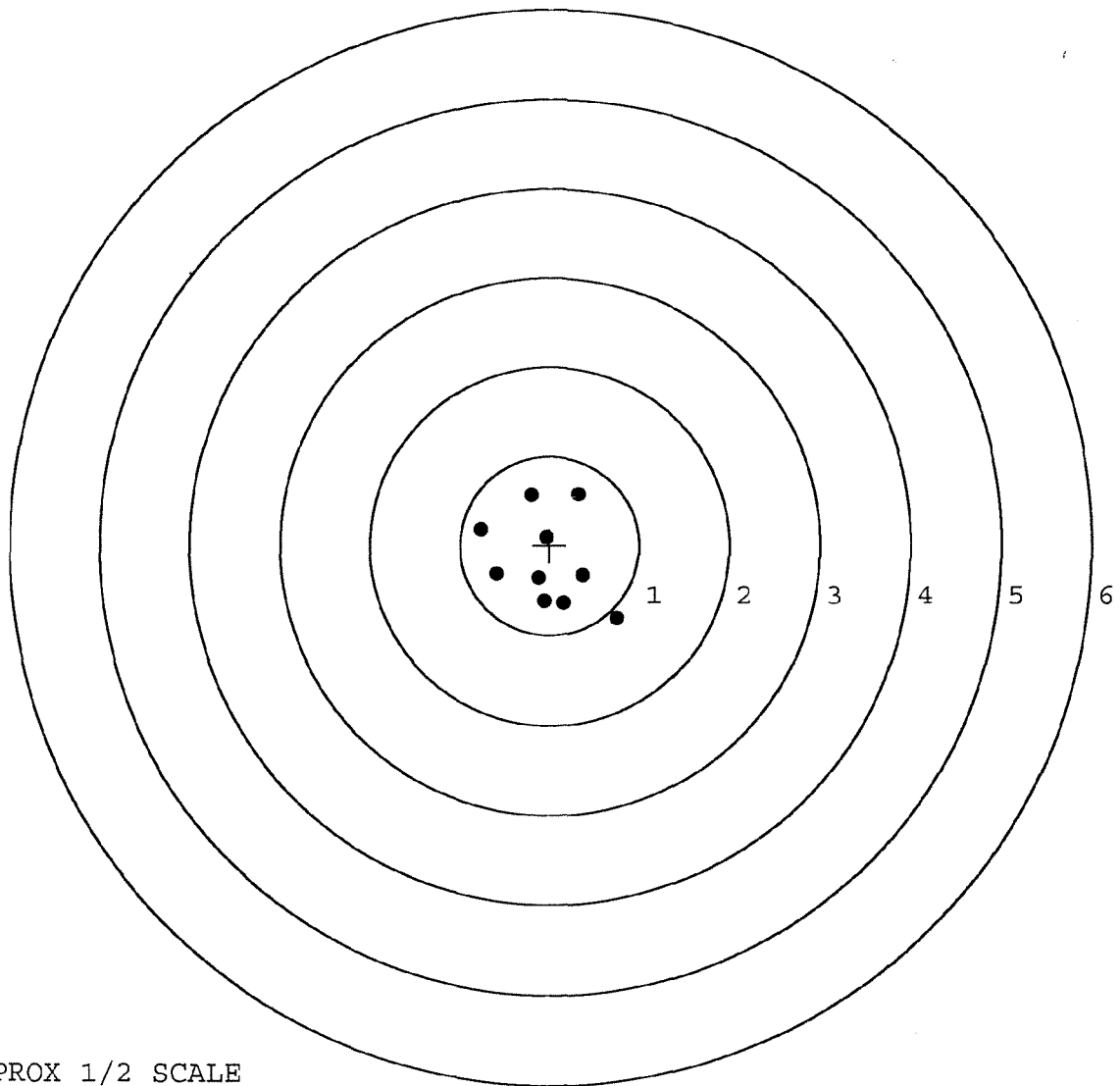
MAX RADIUS: 1.006

MEAN RADIUS: 0.589

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0136211

SERIAL NUMBER: G6616295. 0

TARGET NUMBER: 2

FILE DATE: 02/09/2007

FILE TIME: 12:50

POINT#	X	Y
1:	0.760	0.354
2:	0.380	0.037
3:	0.339	0.946
4:	-0.591	0.232
5:	-0.550	-0.279
6:	-0.085	-0.356
7:	0.013	-0.102
8:	-0.150	0.056
9:	-0.329	-0.105
10:	-0.154	-0.223

X CENTROID: -0.037

Y CENTROID: 0.056

POA TO CENTROID: 0.067

HORZ SPREAD: 1.351

VERT SPREAD: 1.302

GROUP SPREAD: 1.514

MIN RADIUS: 0.113

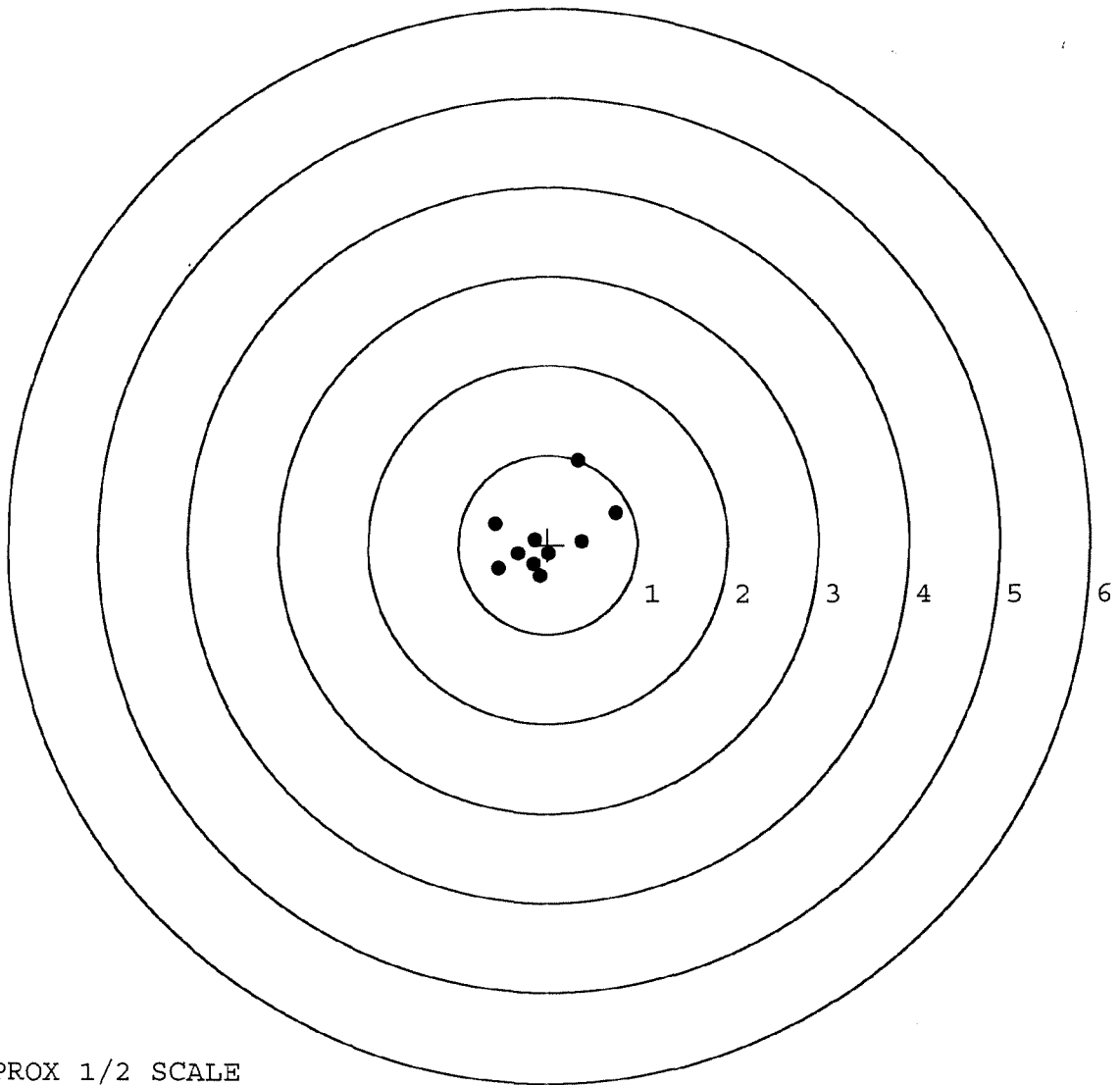
MAX RADIUS: 0.966

MEAN RADIUS: 0.476

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

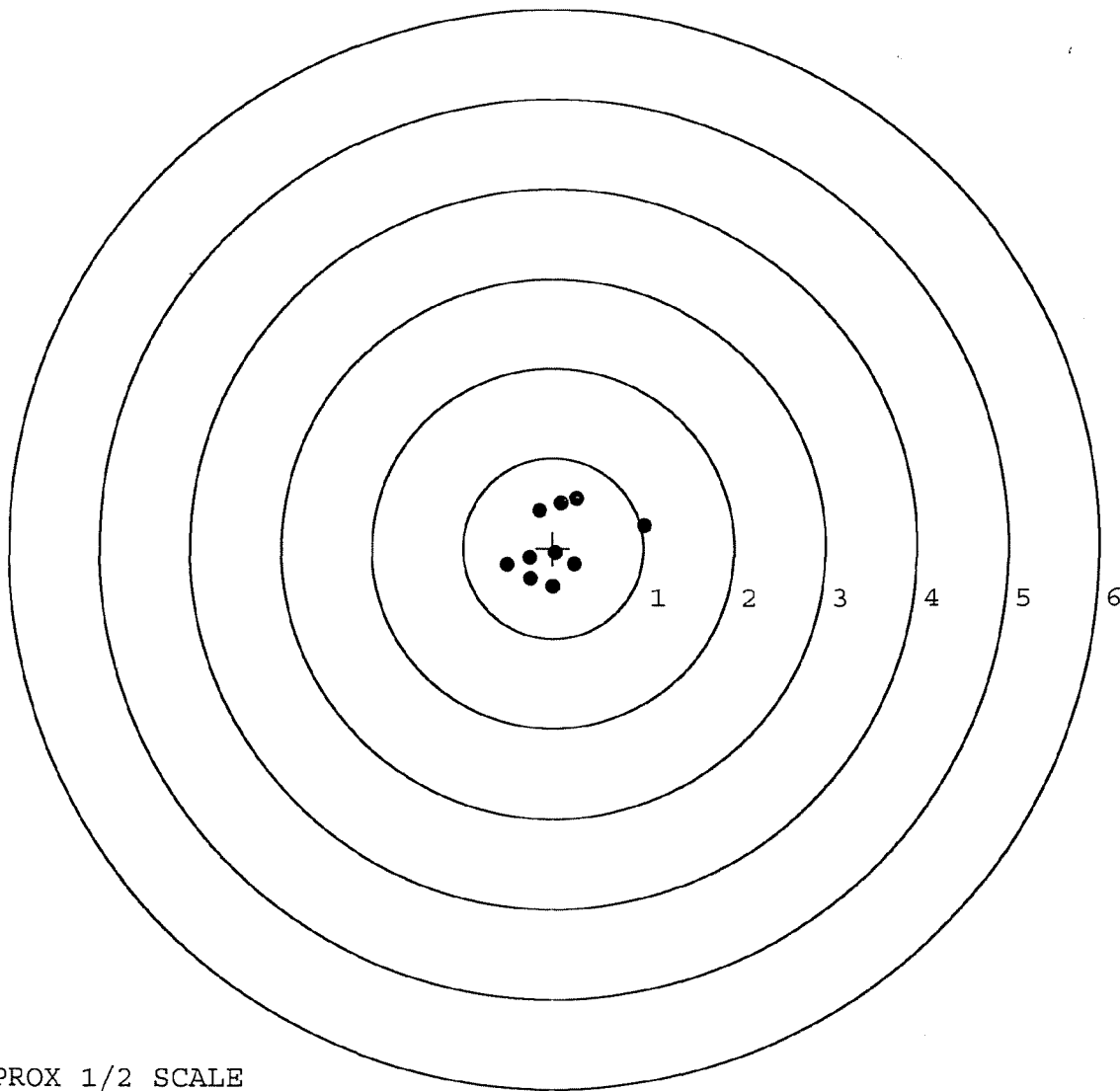
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0136212

SERIAL NUMBER: G6616295. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	1.009	0.251
FILE DATE: 02/09/2007	2:	0.266	0.552
FILE TIME: 12:50	3:	0.089	0.501
	4:	-0.151	0.418
X CENTROID: 0.050	5:	0.246	-0.183
Y CENTROID: 0.041	6:	0.010	-0.429
POA TO CENTROID: 0.065	7:	0.029	-0.054
HORZ SPREAD: 1.513	8:	-0.245	-0.343
VERT SPREAD: 0.981	9:	-0.247	-0.113
GROUP SPREAD: 1.575	10:	-0.504	-0.187
MIN RADIUS: 0.098			
MAX RADIUS: 0.981			
MEAN RADIUS: 0.471			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0136213

SERIAL NUMBER: G6616295. __0

TARGET NUMBER: 4

FILE DATE: 02/09/2007

FILE TIME: 12:50

POINT#	X	Y
1:	1.136	-0.770
2:	0.133	0.757
3:	-0.350	-0.596
4:	0.024	-0.506
5:	-0.061	-0.349
6:	0.329	-0.180
7:	-0.076	-0.101
8:	0.108	0.311
9:	-0.295	0.159
10:	0.010	0.122

X CENTROID: 0.096

Y CENTROID: -0.115

POA TO CENTROID: 0.150

HORZ SPREAD: 1.486

VERT SPREAD: 1.527

GROUP SPREAD: 1.827

MIN RADIUS: 0.172

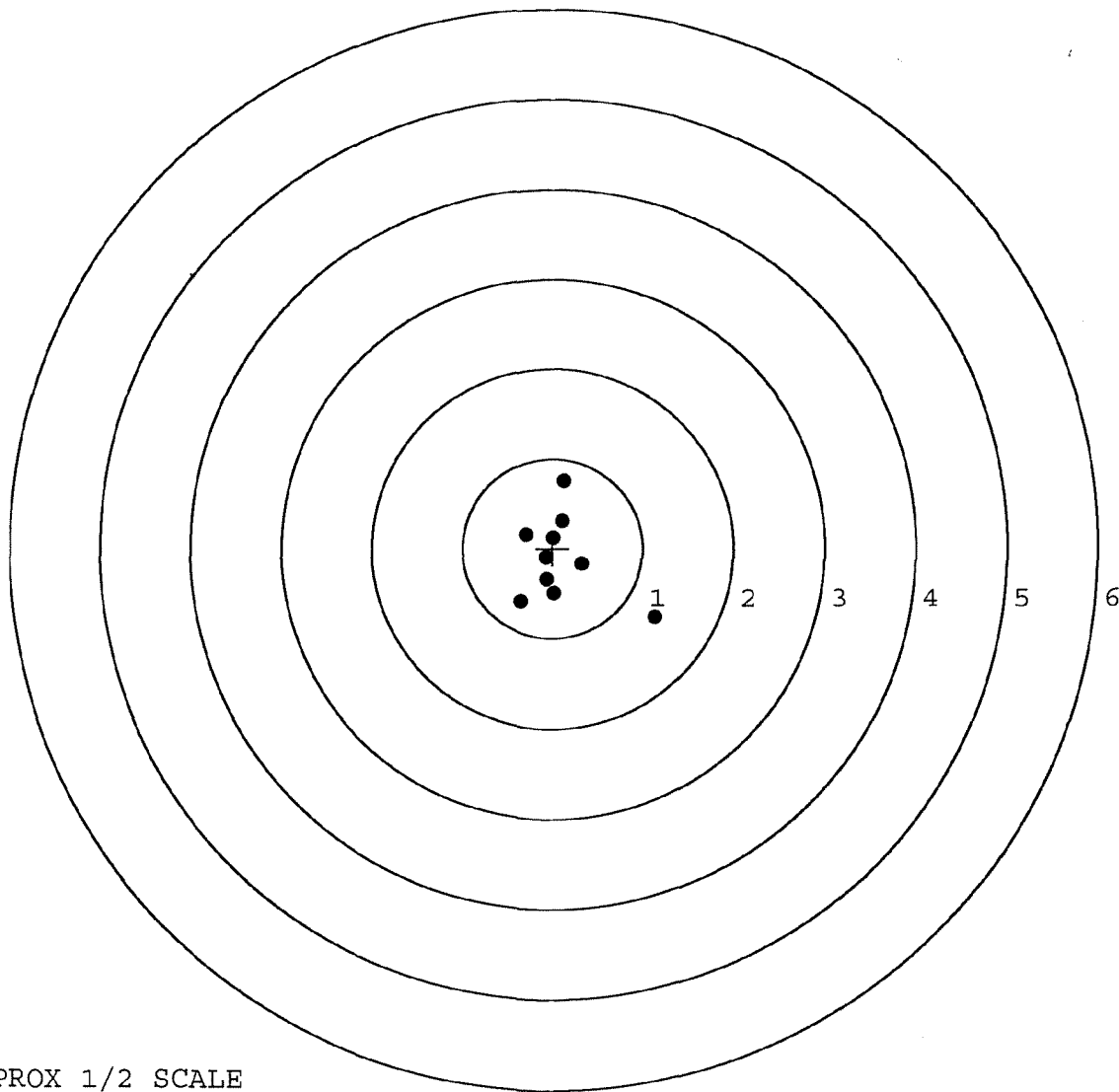
MAX RADIUS: 1.229

MEAN RADIUS: 0.501

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0136214

SERIAL NUMBER: G6616295. __0

TARGET NUMBER: 5

FILE DATE: 02/09/2007

FILE TIME: 12:50

POINT#	X	Y
1:	0.848	0.513
2:	0.386	-0.380
3:	0.555	0.085
4:	0.295	0.101
5:	-0.124	0.500
6:	-0.607	0.435
7:	-0.035	0.165
8:	-0.101	-0.217
9:	-0.212	-0.649
10:	-0.730	-0.890

X CENTROID: 0.028

Y CENTROID: -0.034

POA TO CENTROID: 0.043

HORZ SPREAD: 1.578

VERT SPREAD: 1.403

GROUP SPREAD: 2.112

MIN RADIUS: 0.208

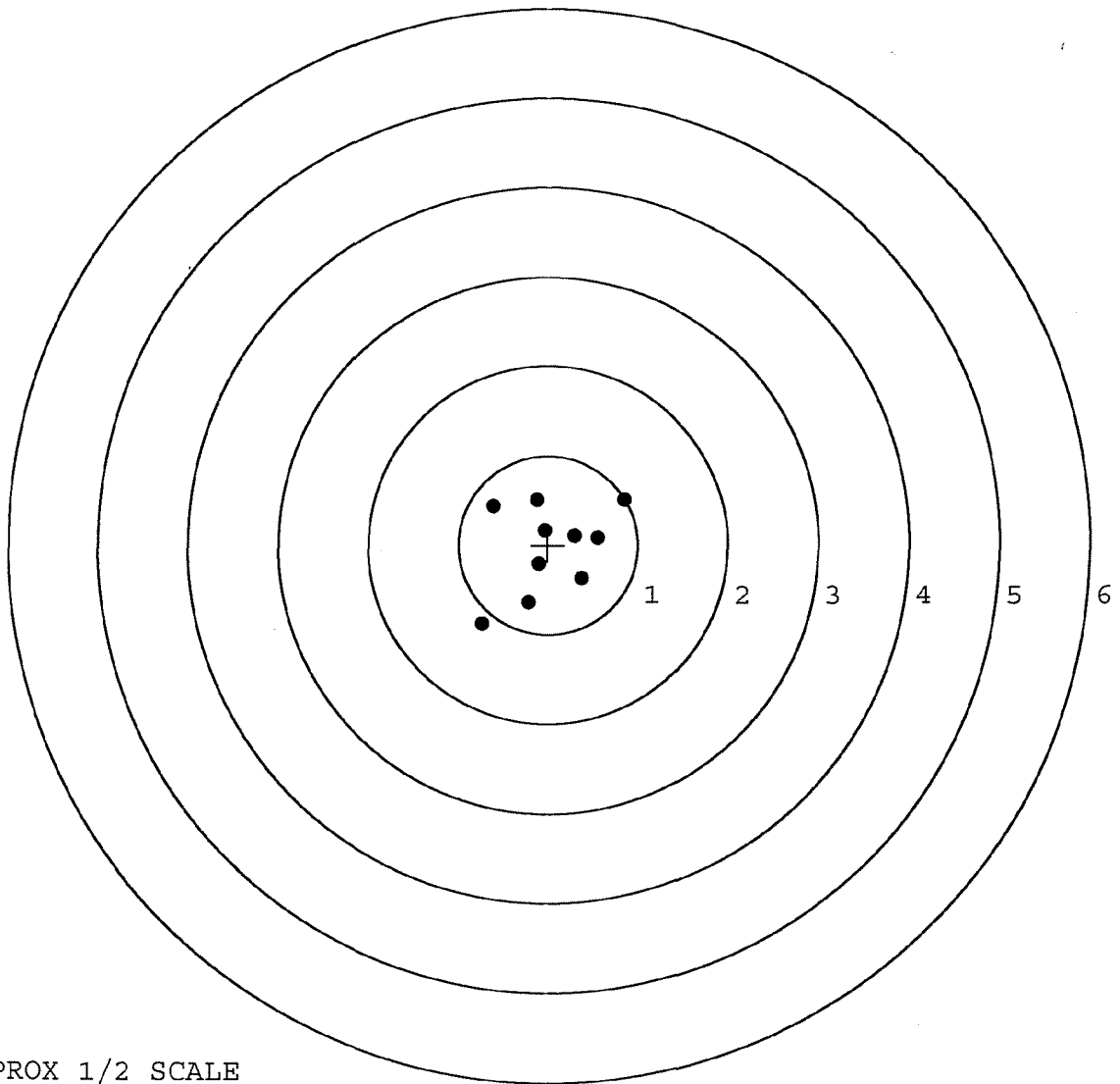
MAX RADIUS: 1.143

MEAN RADIUS: 0.590

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE