

G-6691409

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



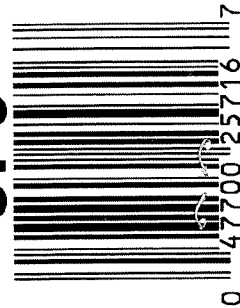
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6691409

UPC



ORDER 25716

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

UPC



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

UPC



SERIAL NO.



GUN SERIAL # G6691409

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-24-07	RTZ
420	ASSEMBLE ACTION		9-24-07	RTZ
430	ASSEMBLE TO STOCK		9-24-07	SD
440	PROOF	MAGNA FLUX	9/24/07	nm
460	CHECK HEADSPACE		9/24/07	nm
470	DIS-ASSEMBLE ACTION	JUL 25 2007	9-24-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <i>nm</i>	9/25/07	<i>nm</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-25-07	CW
510	DRILL AND TAP SIGHT HOLES		9-25-07	FM
520	GOFF BLAST BBL / REC		9-26-07	dy
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/1/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/10/07	<i>nm</i>
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/10/07	<i>nm</i>
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/10/07	<i>nm</i>
	D) OIL FIRING PIN ASSEMBLY		10/10/07	<i>nm</i>
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/17/07	<i>nm</i>
F004 REV 5/2006				

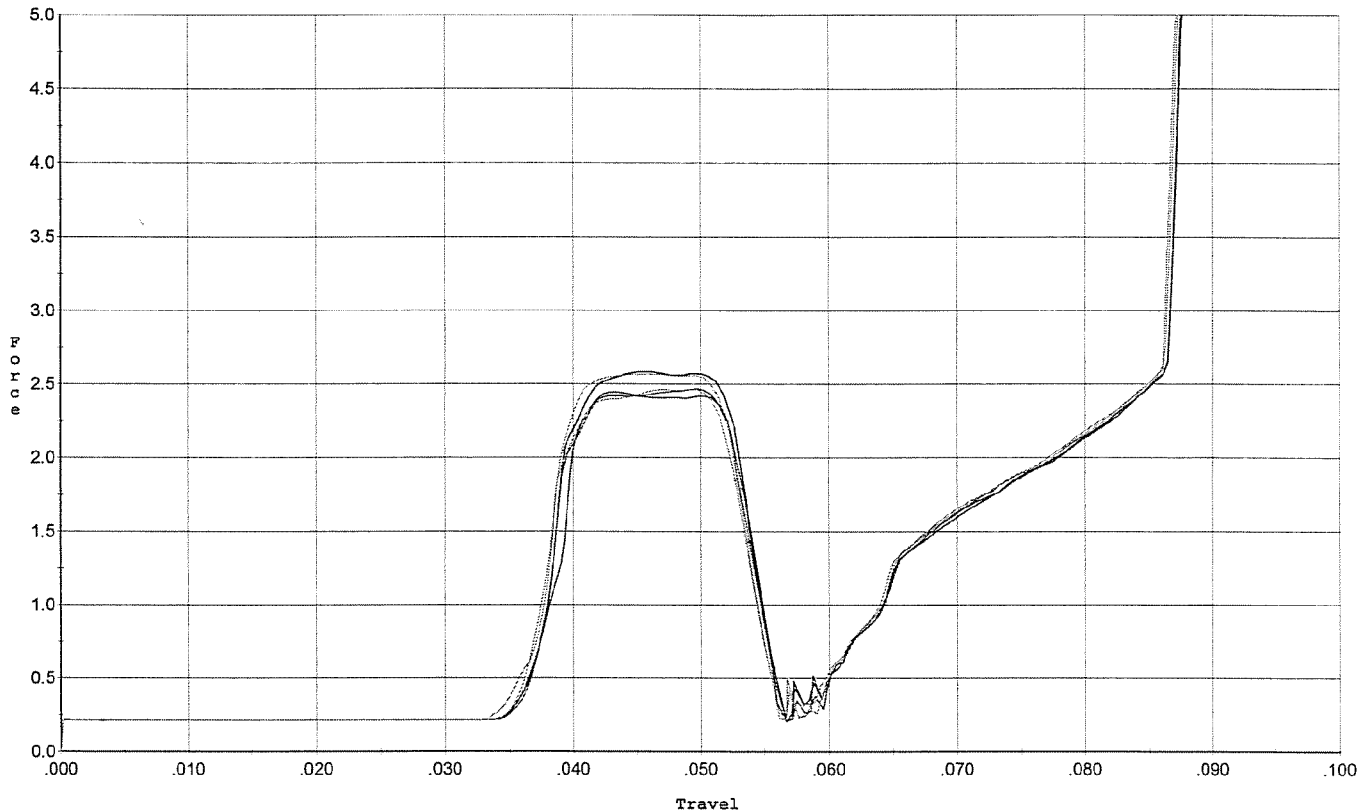
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.75</u> <u>5.0</u> <u>5.0</u>	10/16/07	man
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.50</u> <u>5.75</u> <u>5.25</u>	10/16/07	man
	H) TRIGGER PULL TEST AND RETAINABILITY		10/16/07	man
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.020</u>	10/16/07	man
	J) ASSEMBLE STOCK		10/10/07	SLP
	K) ASSEMBLE SWIVEL STUDS		10/16/07	man
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/17/07	man
	M) IRON SIGHT ALIGNMENT		10/17/07	man
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/17/07	man
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10/11/07	man
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-11-07	SD
670	FINAL INSPECTION A) HEADSPACE		10/16/07	man
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>266</u> <u>258</u> <u>252</u> <u>247</u> <u>251</u>	10/15/07	man
	C) FUNCTION		10/16/07	man
690	PACK			

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/8/07

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



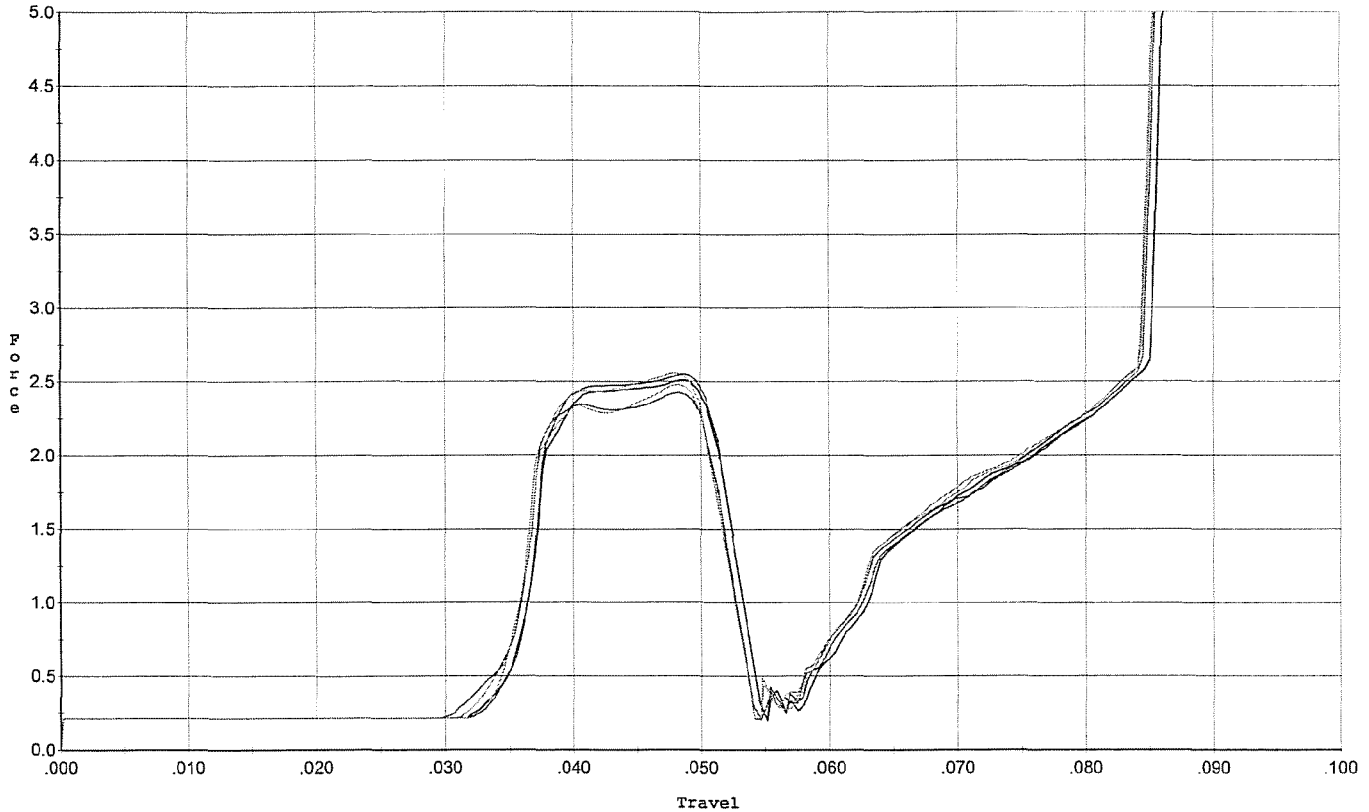
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.445	0.053	0.036	0.039	0.044		Set Trigger
2	2.582	0.053	0.036	0.039	0.046		Set Trigger
3	2.466	0.054	0.036	0.039	0.045		Set Trigger
4	2.464	0.053	0.035	0.039	0.044		Set Trigger
5	2.568	0.052	0.035	0.039	0.045		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/8/07

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



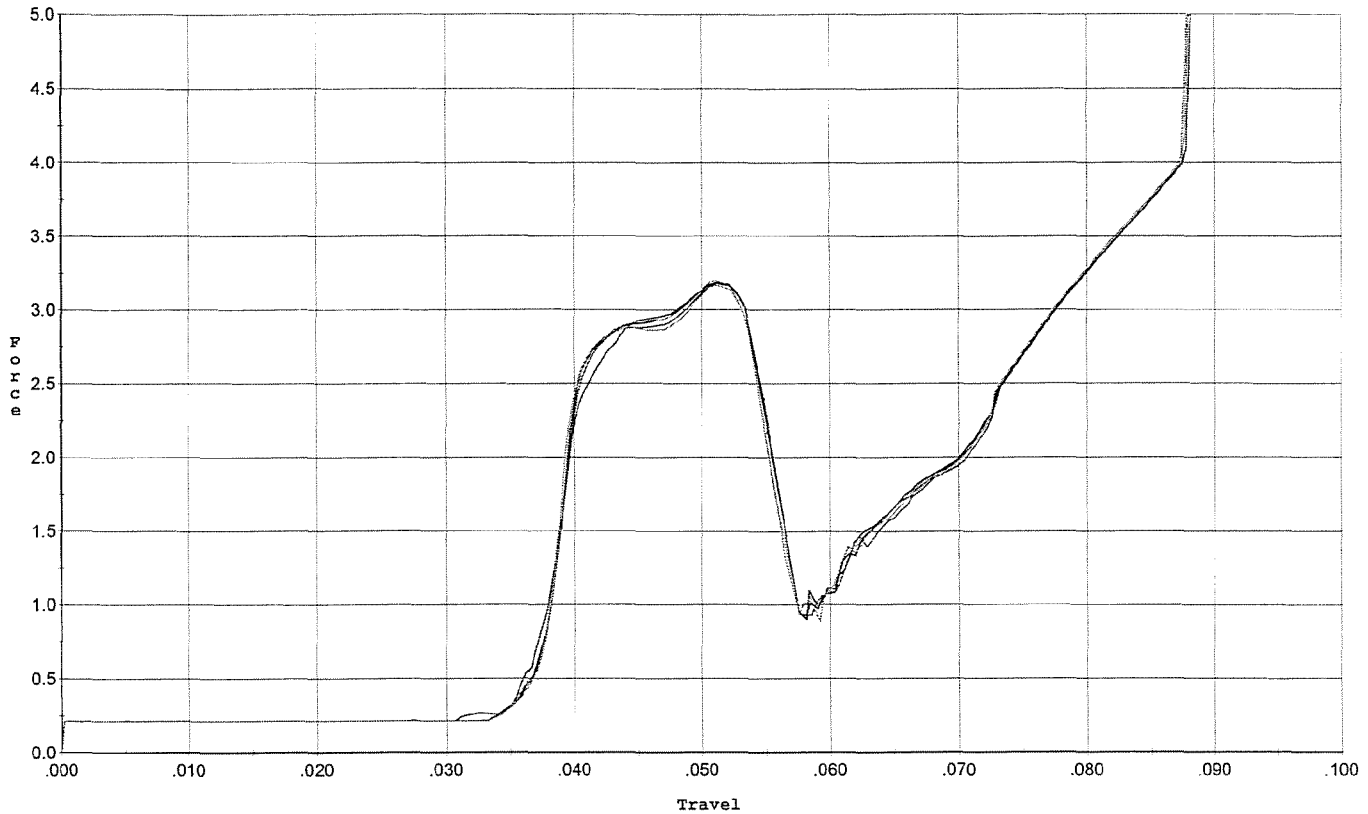
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.552	0.051	0.034	0.038	0.045		Set Trigger
2	2.512	0.051	0.035	0.038	0.044		Set Trigger
3	2.425	0.051	0.035	0.038	0.044		Set Trigger
4	2.479	0.052	0.034	0.038	0.044		Set Trigger
5	2.559	0.052	0.033	0.038	0.046		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/8/07

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



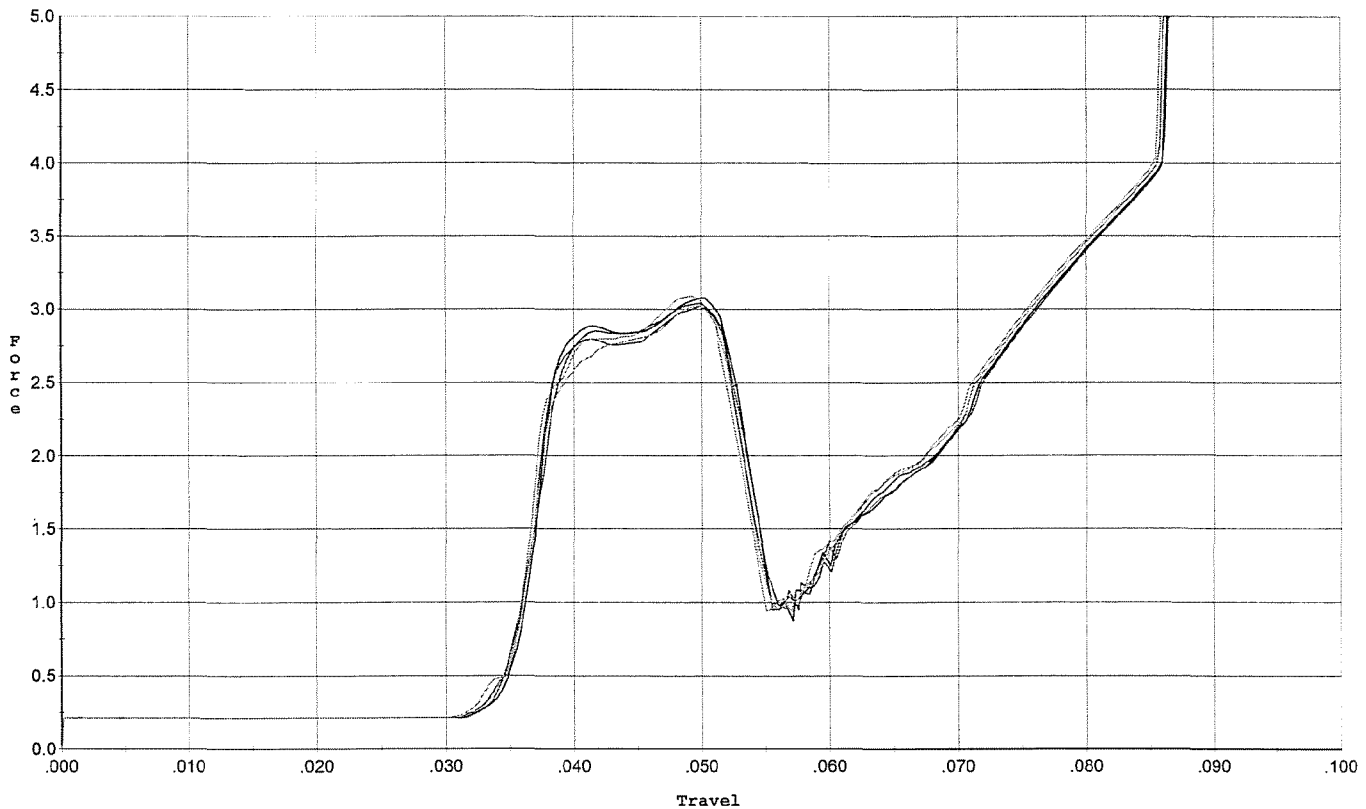
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.178	0.055	0.035	0.038	0.057		Set Trigger
2	3.184	0.055	0.036	0.038	0.057		Set Trigger
3	3.178	0.055	0.036	0.038	0.057		Set Trigger
4	3.164	0.054	0.036	0.038	0.055		Set Trigger
5	3.195	0.054	0.036	0.038	0.055		Set Trigger

Avg 3.18

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/8/07

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



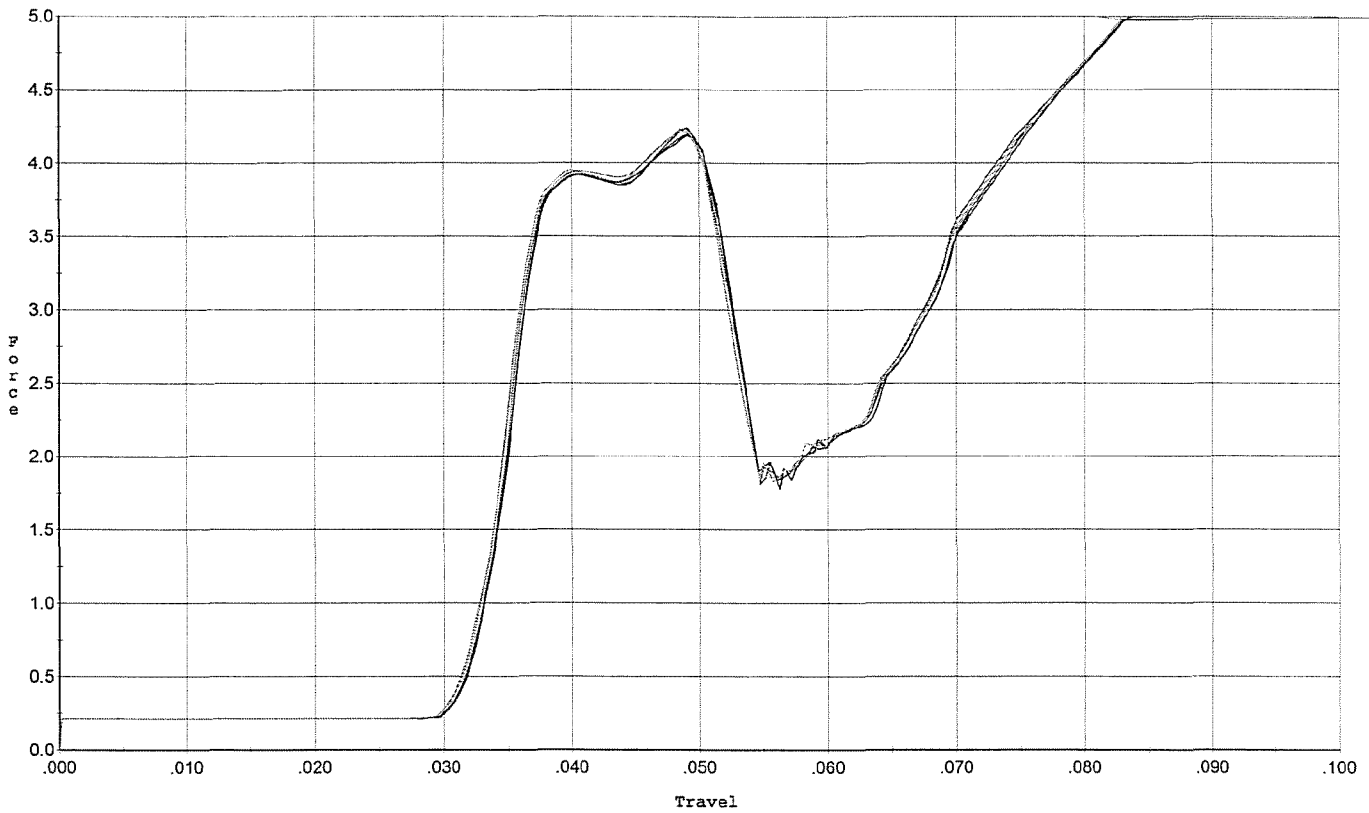
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.039	0.053	0.034	0.037	0.055		Set Trigger
2	3.080	0.053	0.034	0.037	0.055		Set Trigger
3	3.021	0.052	0.034	0.037	0.053		Set Trigger
4	3.021	0.052	0.033	0.037	0.053		Set Trigger
5	3.091	0.053	0.034	0.037	0.055		Set Trigger

AVG 3.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/8/07

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



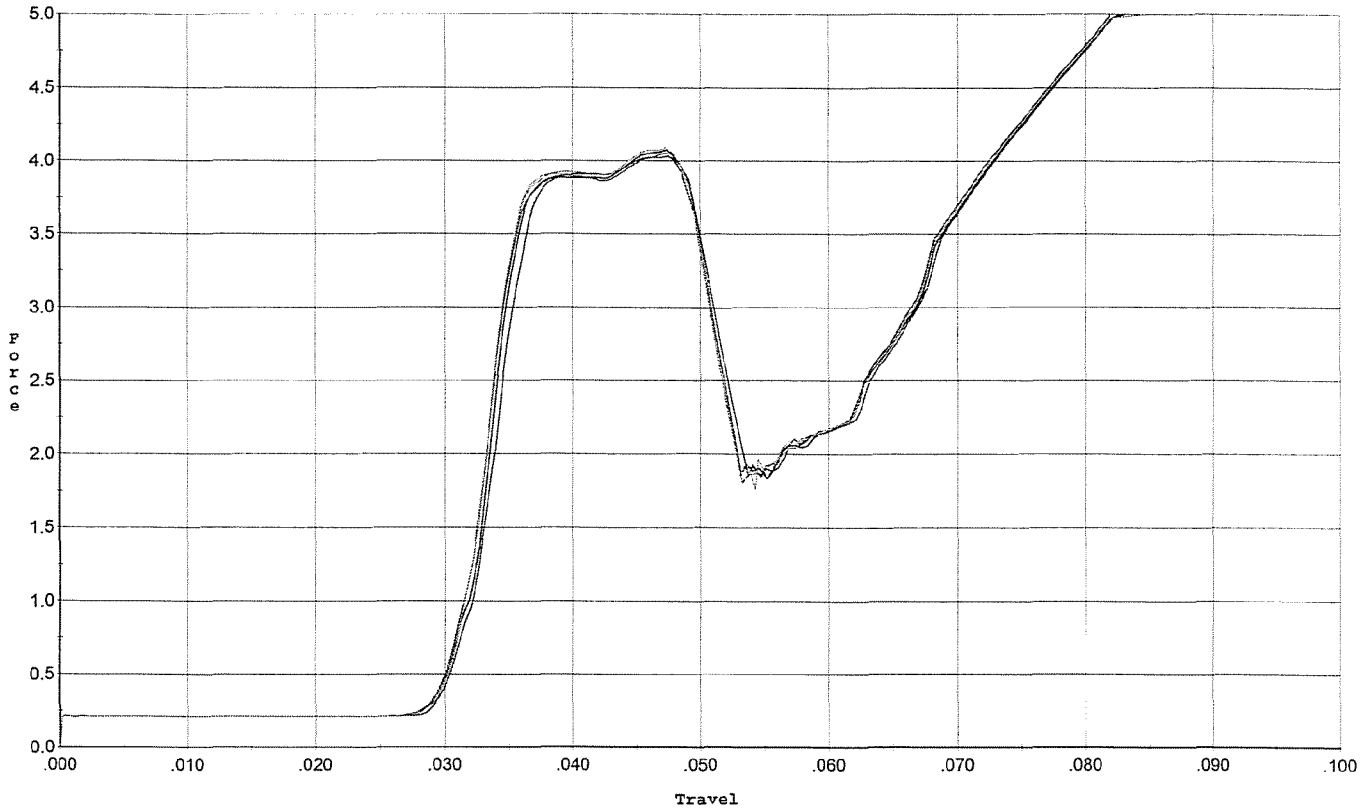
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.199	0.052	0.031	0.034	0.076		Set Trigger
2	4.192	0.051	0.031	0.035	0.076		Set Trigger
3	4.242	0.052	0.031	0.034	0.077		Set Trigger
4	4.223	0.050	0.031	0.035	0.075		Set Trigger
5	4.235	0.050	0.031	0.035	0.075		Set Trigger

AVG 4.21

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/8/07

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



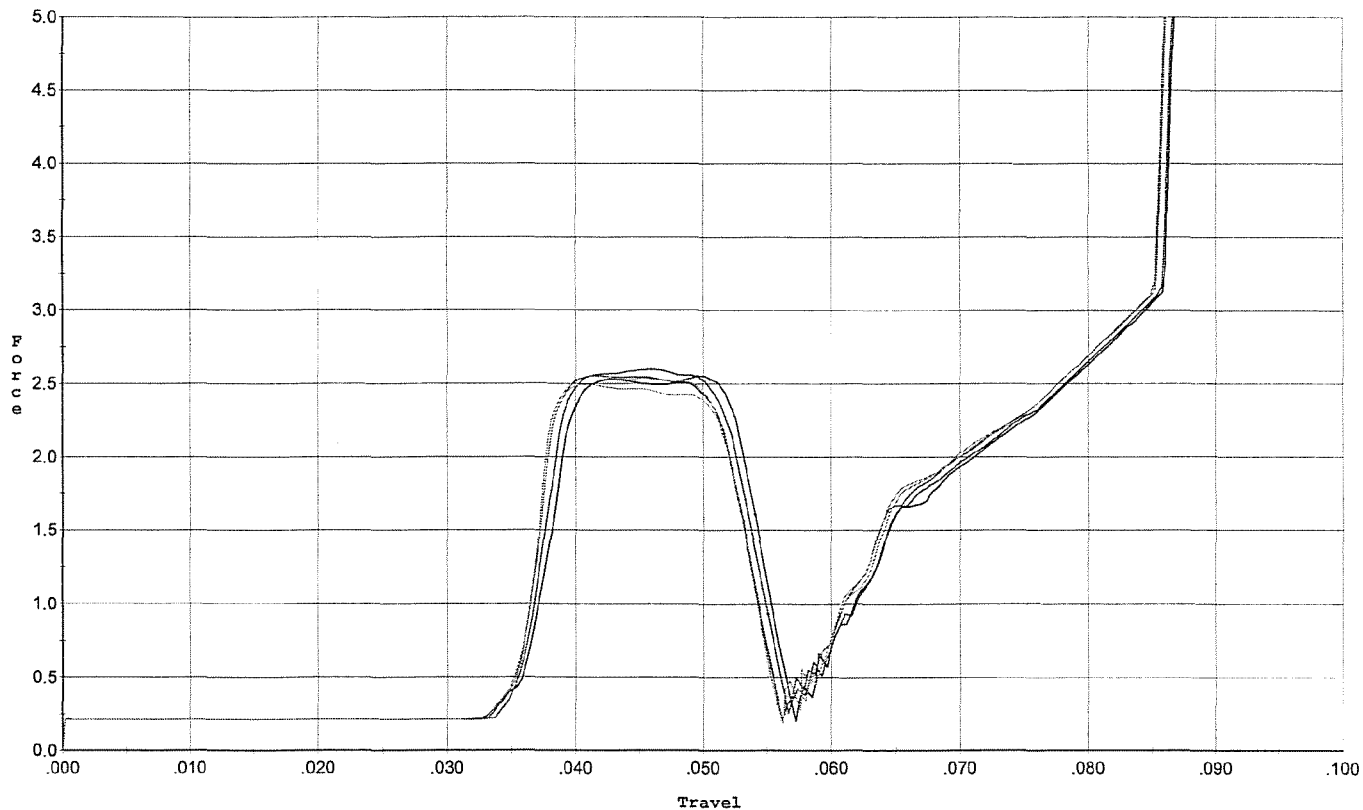
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.031	0.051	0.030	0.034	0.074		Set Trigger
2	4.073	0.049	0.029	0.034	0.073		Set Trigger
3	4.054	0.049	0.030	0.034	0.074		Set Trigger
4	4.087	0.049	0.030	0.034	0.074		Set Trigger
5	4.090	0.049	0.030	0.034	0.074		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/8/07

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



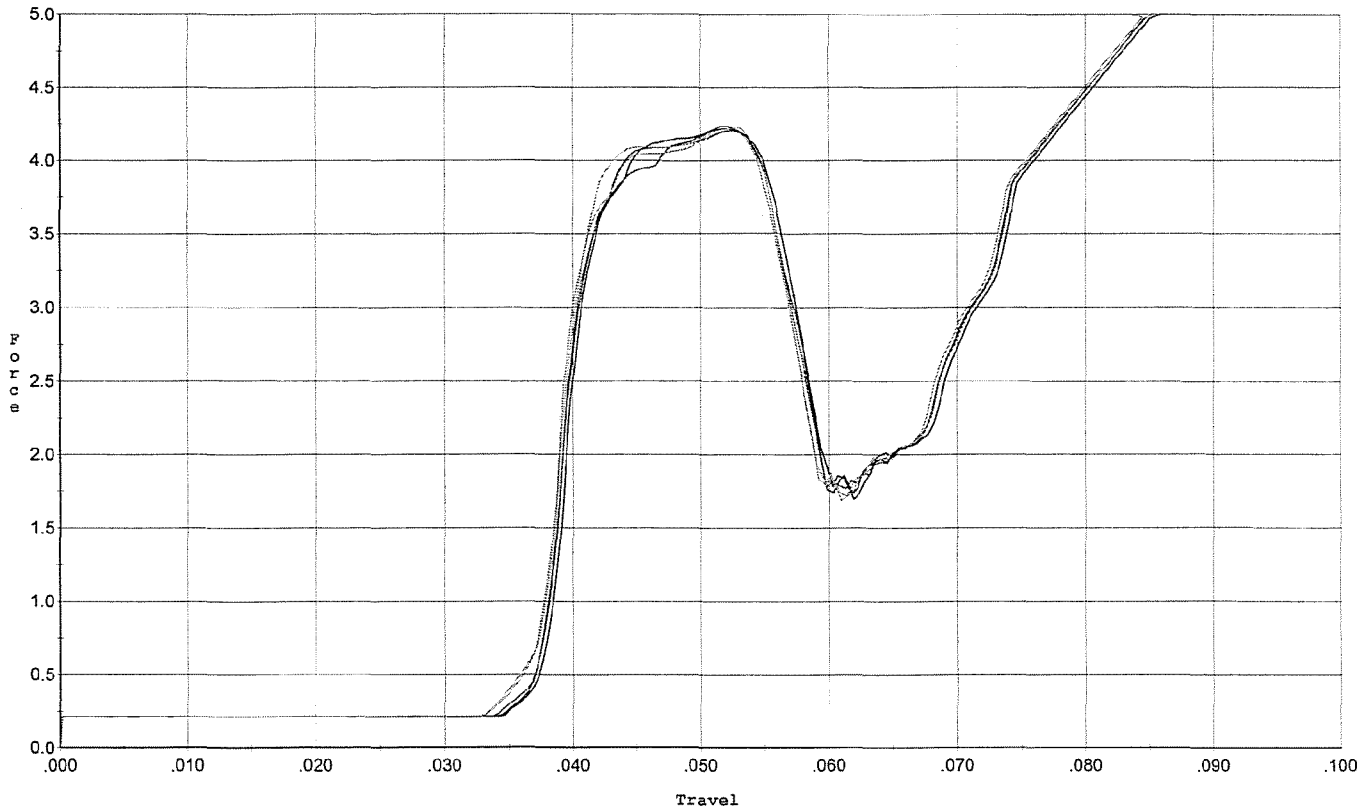
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.597	0.055	0.035	0.038	0.050		Set Trigger
2	2.553	0.054	0.036	0.038	0.048		Set Trigger
3	2.555	0.053	0.035	0.038	0.048		Set Trigger
4	2.496	0.053	0.035	0.038	0.047		Set Trigger
5	2.550	0.053	0.035	0.037	0.048		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 10/8/07

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	4.235	0.058	0.037	0.036	0.081		Set Trigger
2	4.220	0.057	0.037	0.036	0.081		Set Trigger
3	4.204	0.058	0.037	0.036	0.082		Set Trigger
4	4.225	0.057	0.037	0.036	0.081		Set Trigger
5	4.201	0.057	0.037	0.036	0.081		Set Trigger

Avg 4.21

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6691409.___0
FILE DATE AND TIME: 10/11/2007 22:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

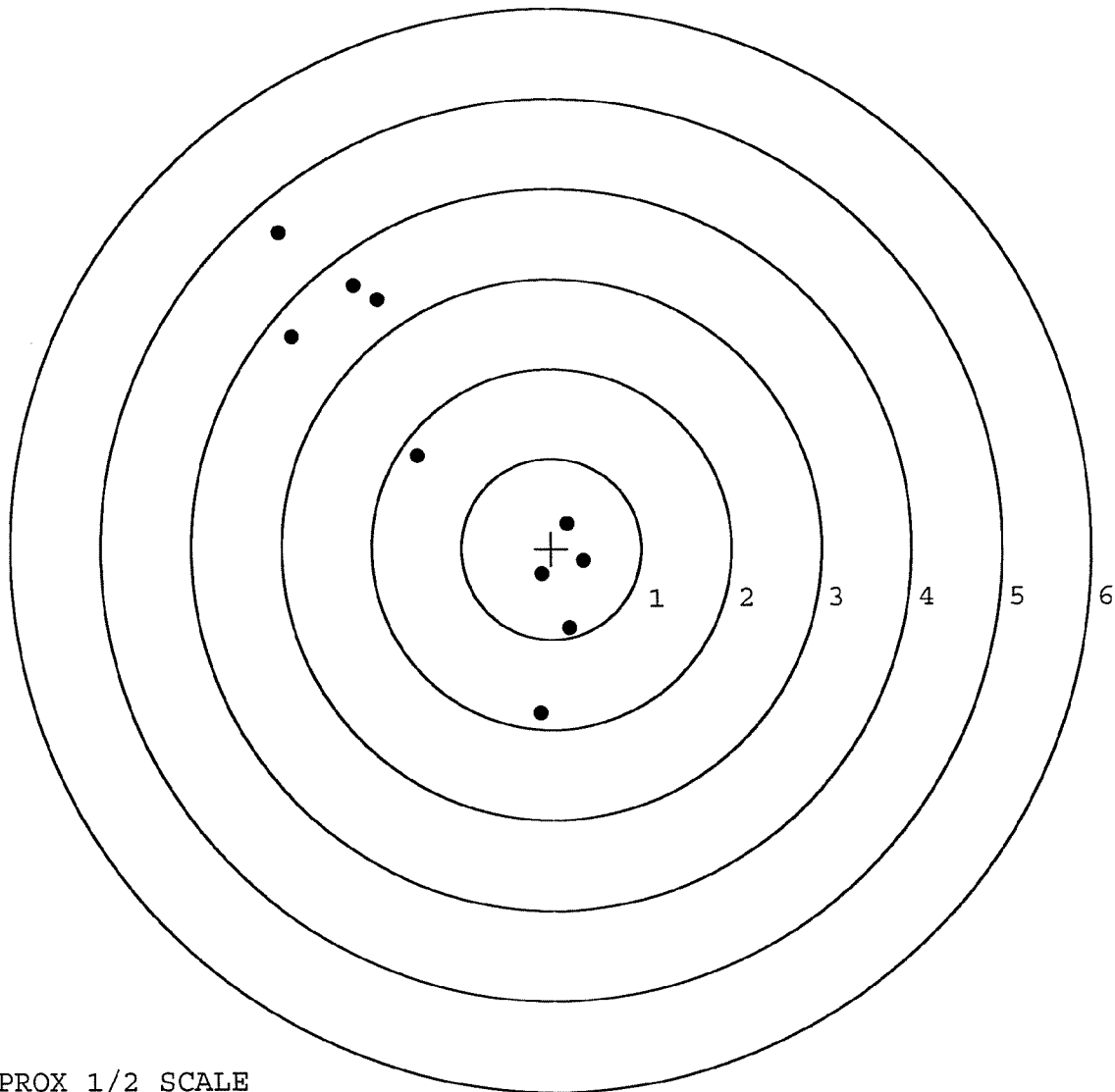
The Average X Centroid of the Five Target Set:	-0.176
The Average Y Centroid of the Five Target Set:	0.124
The Average Point of Impact of the Five Target Set:	0.216
The Average Mean Radius of the Five Target Set:	0.828
The Distance from POA to Centroid Target #1:	1.471
The Distance from Centroid Target #2 to Centroid Target #1:	1.443
The Distance from Centroid Target #3 to Centroid Target #1:	1.581
The Distance from Centroid Target #4 to Centroid Target #1:	1.705
The Distance from Centroid Target #5 to Centroid Target #1:	1.569

BARBER - M24 0175961

SERIAL NUMBER: G6691409. __0
 TARGET NUMBER: 1
 FILE DATE: 10/11/2007
 FILE TIME: 22:50

POINT#	X	Y
1:	0.178	0.274
2:	0.354	-0.135
3:	-0.111	-0.286
4:	0.200	-0.874
5:	-0.130	-1.824
6:	-1.481	1.030
7:	-2.876	2.366
8:	-2.190	2.927
9:	-1.922	2.771
10:	-3.019	3.522

X CENTROID: -1.100
 Y CENTROID: 0.977
 POA TO CENTROID: 1.471
 HORZ SPREAD: 3.373
 VERT SPREAD: 5.346
 GROUP SPREAD: 6.077
 MIN RADIUS: 0.385
 MAX RADIUS: 3.188
 MEAN RADIUS: 2.015
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 1
 # in 3 IN DIAMETER: 2



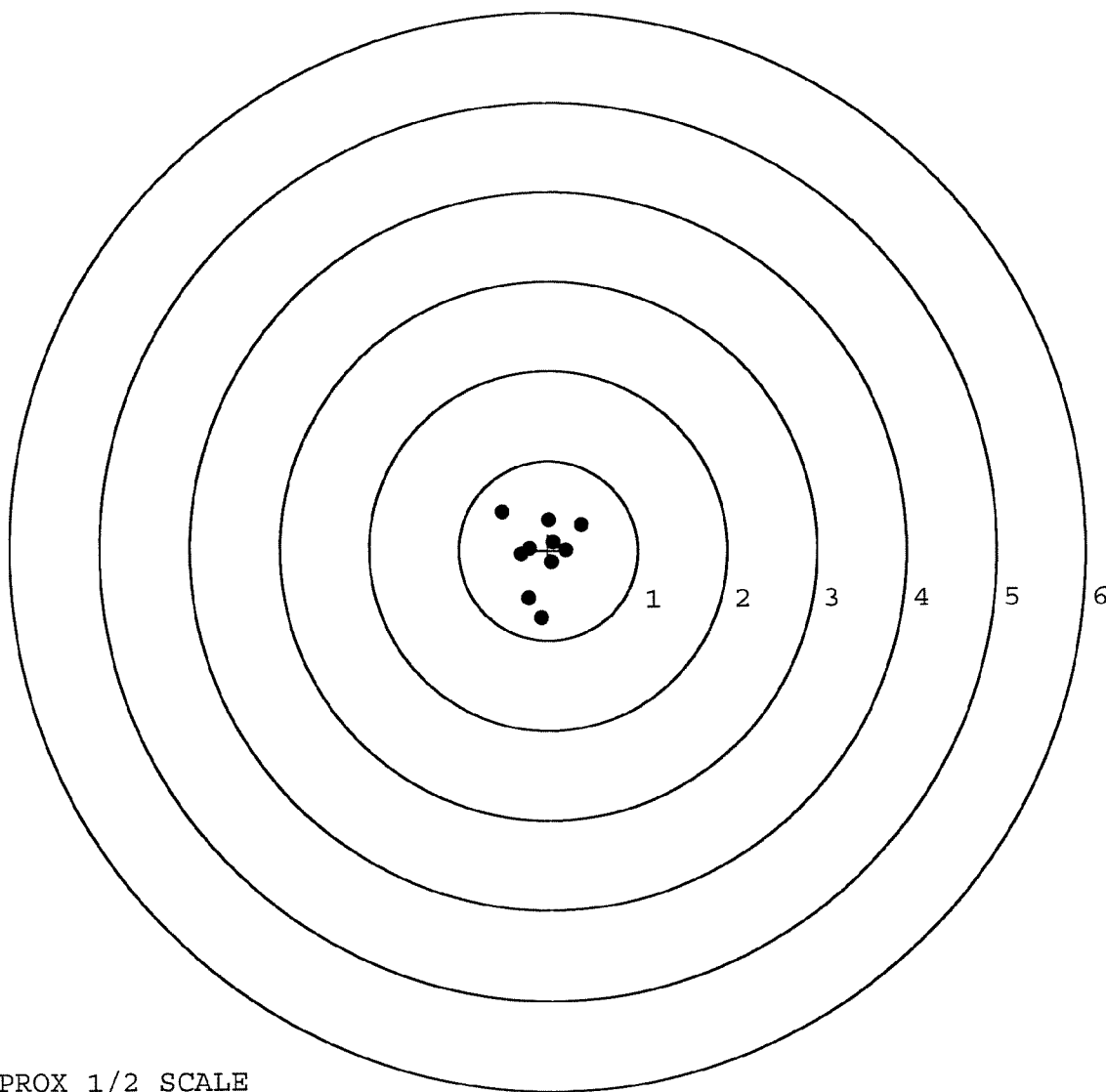
TARGET APPROX 1/2 SCALE

BARBER - M24 0175962

SERIAL NUMBER: G6691409. __0
 TARGET NUMBER: 2
 FILE DATE: 10/11/2007
 FILE TIME: 22:50

POINT#	X	Y
1:	-0.511	0.435
2:	-0.225	-0.534
3:	-0.086	-0.754
4:	-0.305	-0.045
5:	0.039	-0.135
6:	-0.210	0.021
7:	0.055	0.092
8:	0.009	0.343
9:	0.198	-0.001
10:	0.379	0.289

X CENTROID: -0.066
 Y CENTROID: -0.029
 POA TO CENTROID: 0.072
 HORZ SPREAD: 0.890
 VERT SPREAD: 1.189
 GROUP SPREAD: 1.263
 MIN RADIUS: 0.149
 MAX RADIUS: 0.725
 MEAN RADIUS: 0.380
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



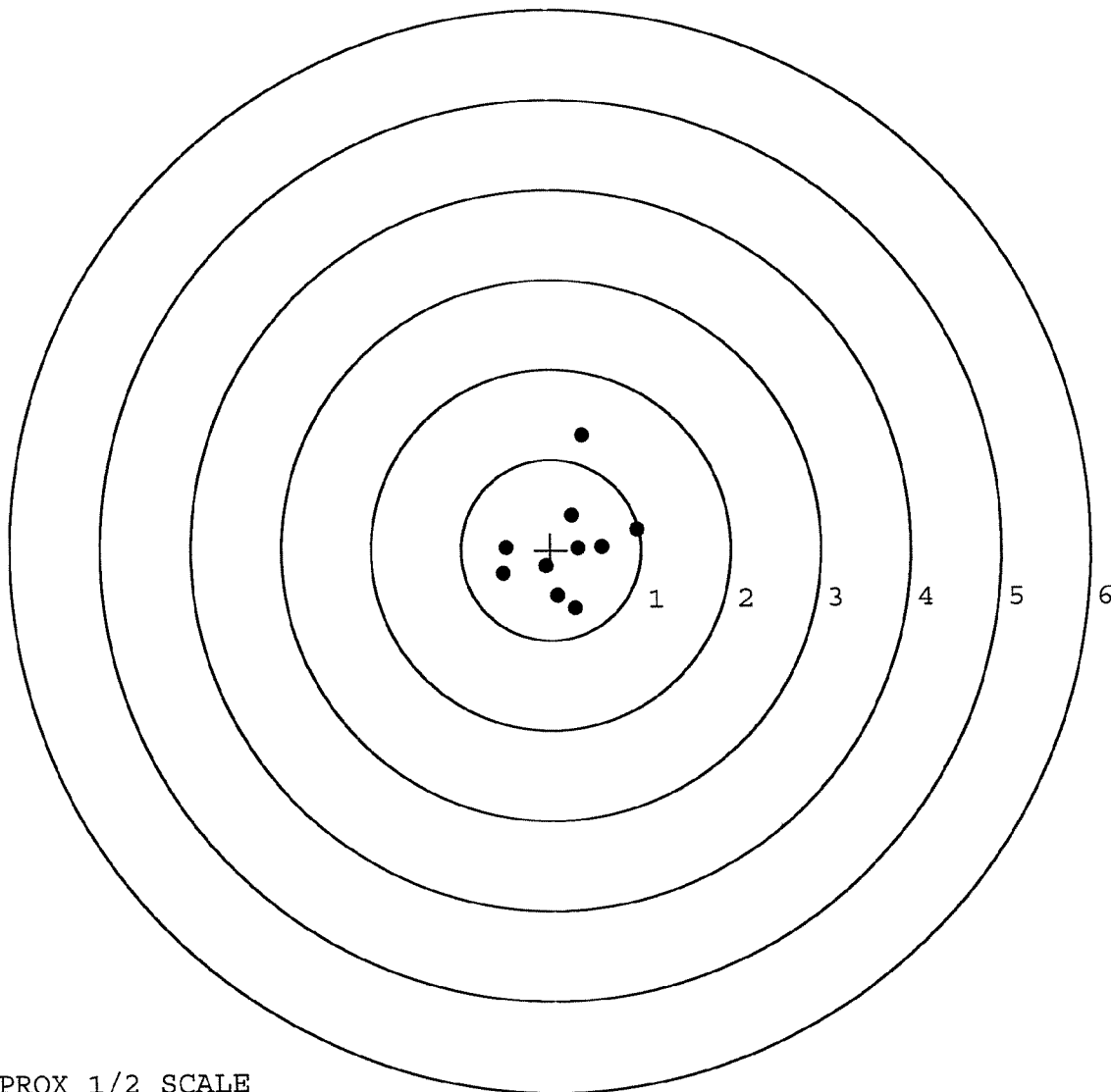
TARGET APPROX 1/2 SCALE

BARBER - M24 0175963

SERIAL NUMBER: G6691409. __0
 TARGET NUMBER: 3
 FILE DATE: 10/11/2007
 FILE TIME: 22:50

POINT#	X	Y
1:	-0.494	0.030
2:	-0.530	-0.263
3:	-0.056	-0.184
4:	0.079	-0.513
5:	0.272	-0.650
6:	0.304	0.025
7:	0.572	0.034
8:	0.956	0.225
9:	0.239	0.384
10:	0.359	1.270

X CENTROID: 0.170
 Y CENTROID: 0.036
 POA TO CENTROID: 0.174
 HORZ SPREAD: 1.486
 VERT SPREAD: 1.920
 GROUP SPREAD: 1.922
 MIN RADIUS: 0.134
 MAX RADIUS: 1.249
 MEAN RADIUS: 0.594
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6691409. __0

TARGET NUMBER: 4

FILE DATE: 10/11/2007

FILE TIME: 22:50

POINT#	X	Y
1:	0.227	0.777
2:	0.104	0.354
3:	-0.092	0.158
4:	0.044	-0.076
5:	-0.277	-0.294
6:	0.189	-0.210
7:	0.561	-0.433
8:	-0.324	-0.712
9:	-0.392	-0.824
10:	1.024	-1.014

X CENTROID: 0.106

Y CENTROID: -0.227

POA TO CENTROID: 0.251

HORZ SPREAD: 1.416

VERT SPREAD: 1.791

GROUP SPREAD: 1.960

MIN RADIUS: 0.084

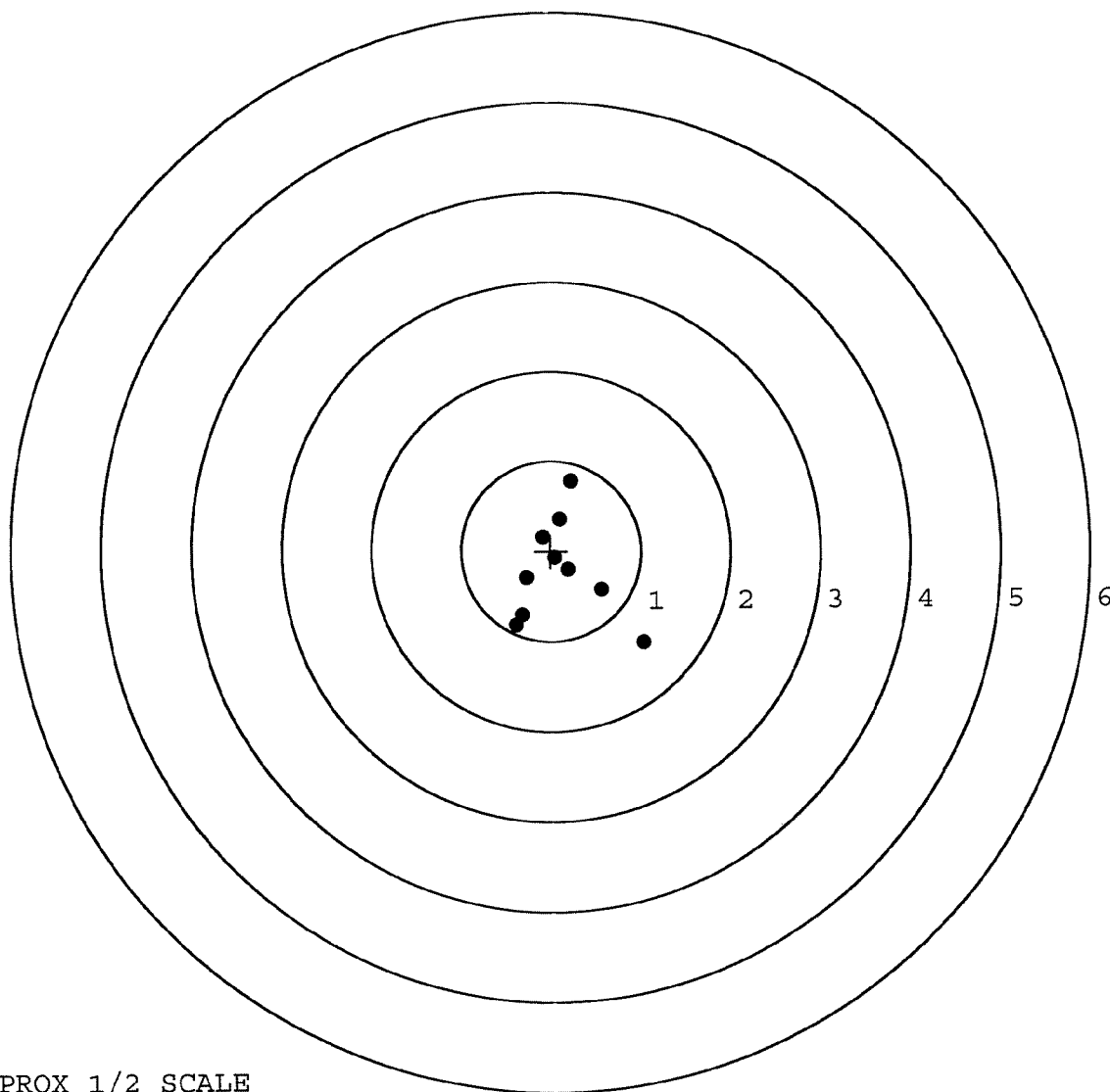
MAX RADIUS: 1.209

MEAN RADIUS: 0.580

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



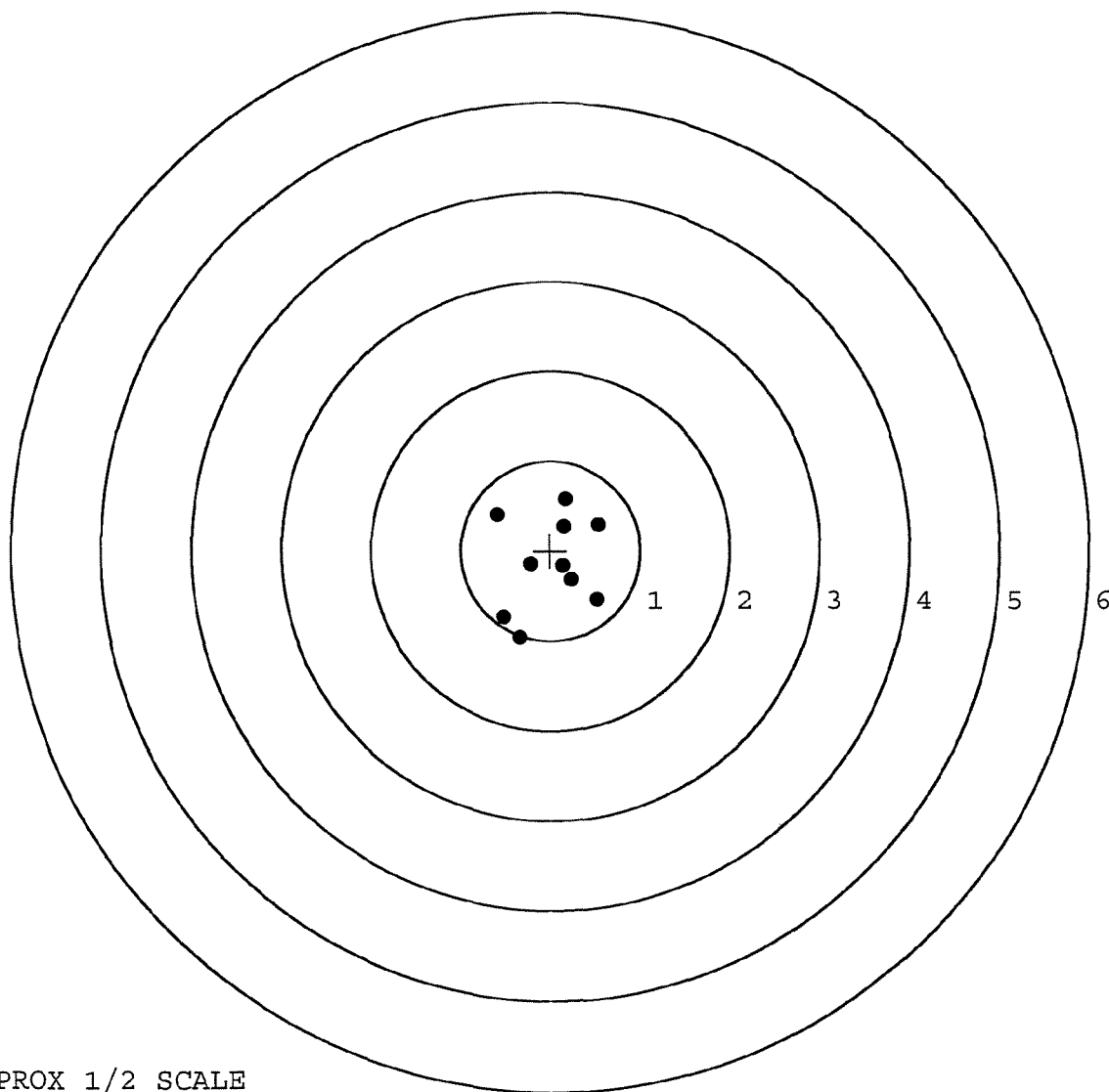
TARGET APPROX 1/2 SCALE

BARBER - M24 0175965

SERIAL NUMBER: G6691409. __0
 TARGET NUMBER: 5
 FILE DATE: 10/11/2007
 FILE TIME: 22:50

POINT#	X	Y
1:	0.169	0.579
2:	0.151	0.269
3:	0.539	0.297
4:	-0.599	0.406
5:	-0.220	-0.152
6:	0.143	-0.173
7:	0.234	-0.324
8:	0.524	-0.540
9:	-0.522	-0.740
10:	-0.341	-0.970

X CENTROID: 0.008
 Y CENTROID: -0.135
 POA TO CENTROID: 0.135
 HORZ SPREAD: 1.138
 VERT SPREAD: 1.549
 GROUP SPREAD: 1.631
 MIN RADIUS: 0.140
 MAX RADIUS: 0.905
 MEAN RADIUS: 0.569
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE