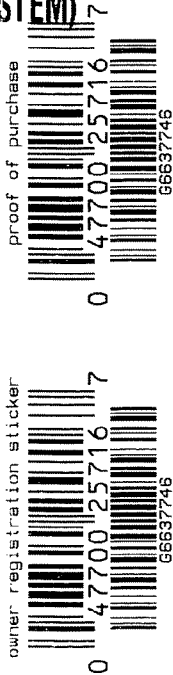


G 663 7746

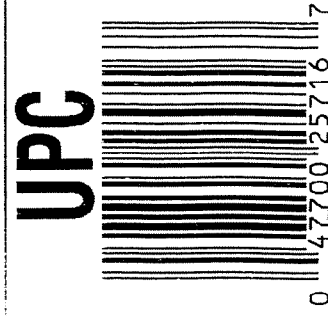
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6
G6637746	



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

UPC



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

UPC



SERIAL NO.



GUN SERIAL # G6637746

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		3-7-07	TRW
440	PROOF		3-7-07	FM
460	CHECK HEADSPACE	INSPECTED	3-7-07	FM
470	DIS-ASSEMBLE ACTION	MAR 08 2007	3-7-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	3-8-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-8-07	CW
510	DRILL AND TAP SIGHT HOLES		3-7-07	SD
520	GOFF BLAST BBL / REC		3-8-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-12-07	WJ
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-14-07	APD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-14-07	APD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-14-07	APD
	D) OIL FIRING PIN ASSEMBLY		3-14-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3-16-07	mon

F004 REV 5/2006

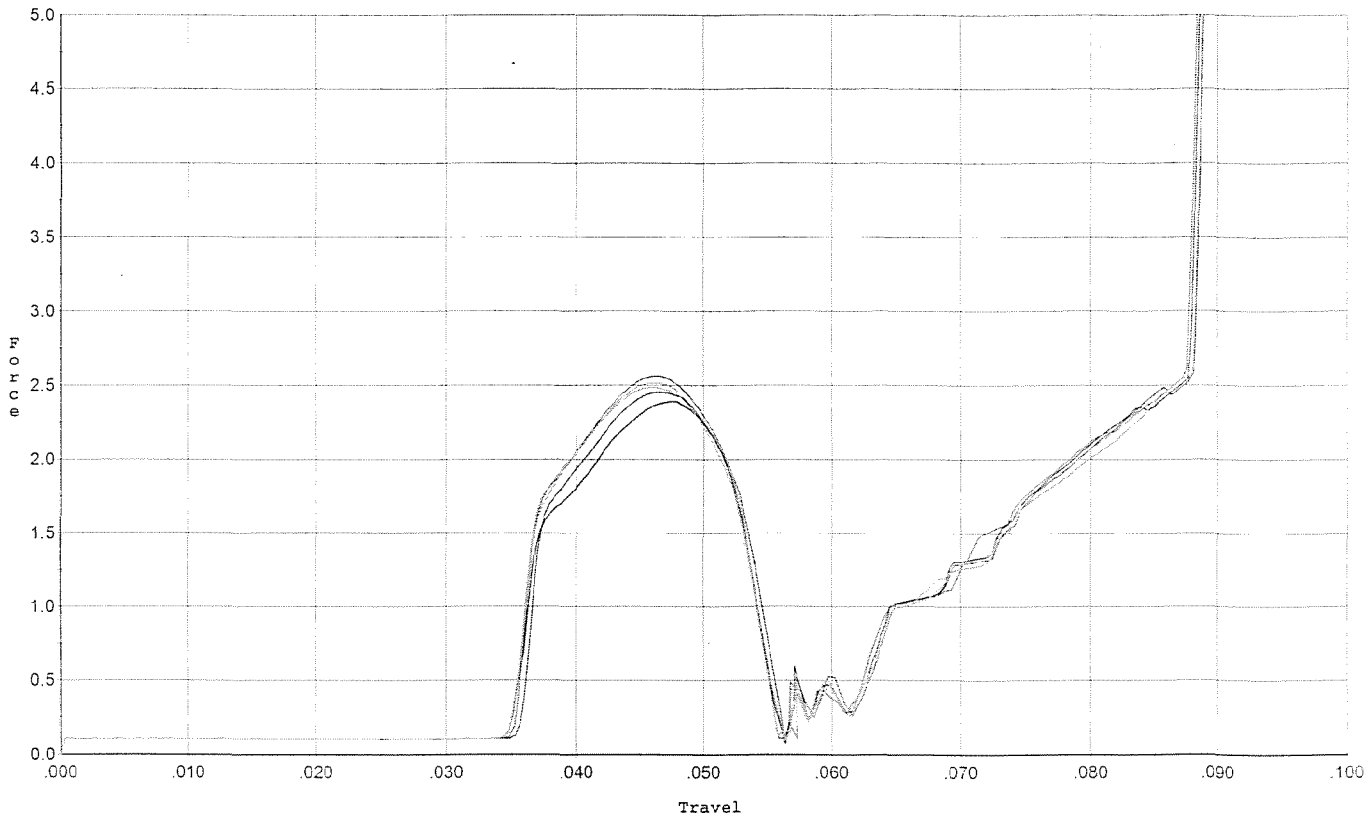
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.25</u> <u>5.75</u> <u>6.0</u>	3-16-01	nom
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.75</u> <u>3.75</u> <u>3.50</u>	3-16-01	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		3-16-01	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	3-16-01	nom
	J) ASSEMBLE STOCK		3-14-07	P.P.D.
	K) ASSEMBLE SWIVEL STUDS		3-16-01	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		3-16-01	nom
	M) IRON SIGHT ALIGNMENT		3-16-01	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		3-16-01	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	3-15-01	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		3-15-01	SD
670	FINAL INSPECTION A) HEADSPACE		3-16-01	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u> <u>2.56</u> <u>2.85</u> <u>2.84</u> <u>2.64</u>	3-16-01	nom
	C) FUNCTION		3-16-01	nom
690	PACK		3-27-01	PPD

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 3/02/07

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



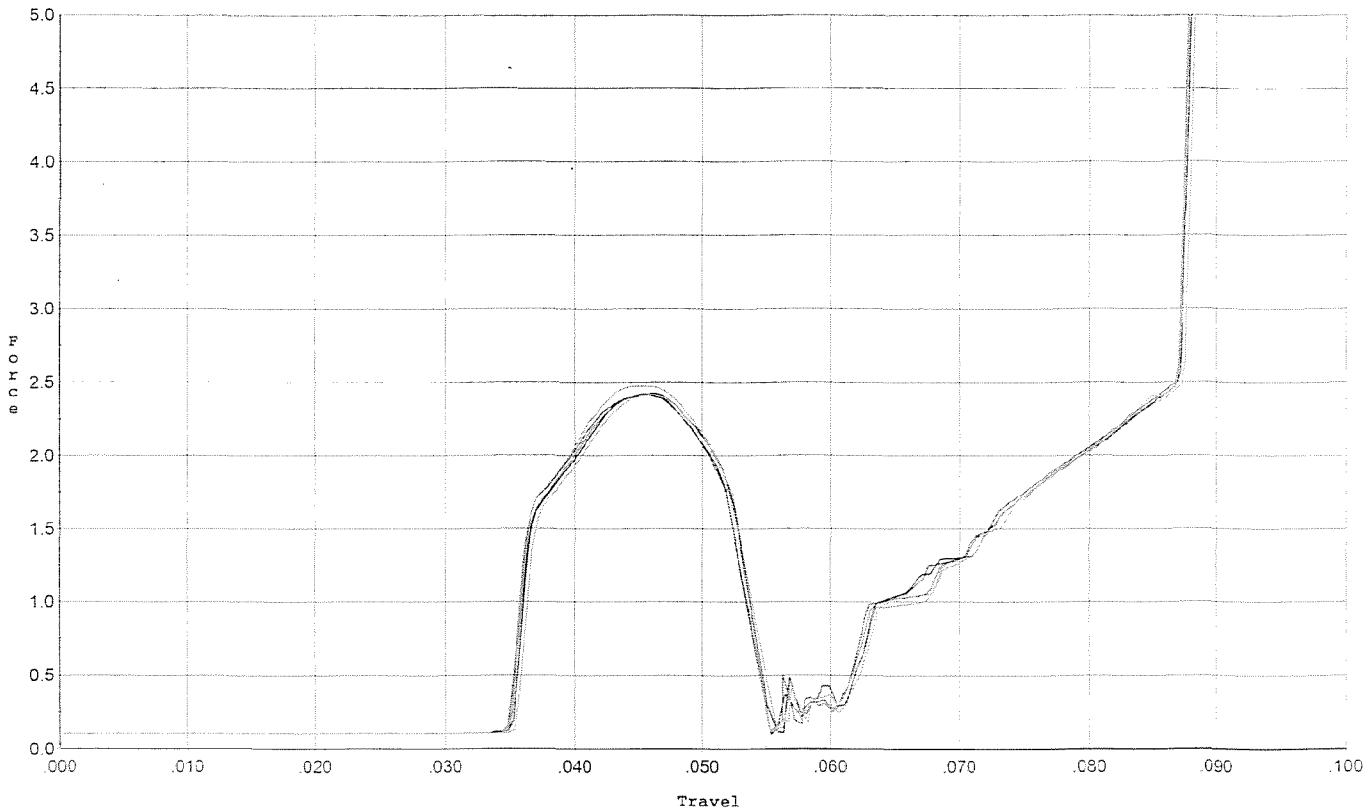
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.453	0.054	0.036	0.040	0.041		Set Trigger
2	2.393	0.053	0.035	0.040	0.039		Set Trigger
3	2.563	0.053	0.035	0.039	0.042		Set Trigger
4	2.485	0.053	0.035	0.040	0.041		Set Trigger
5	2.518	0.053	0.035	0.040	0.042		Set Trigger

AVG 2.48

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



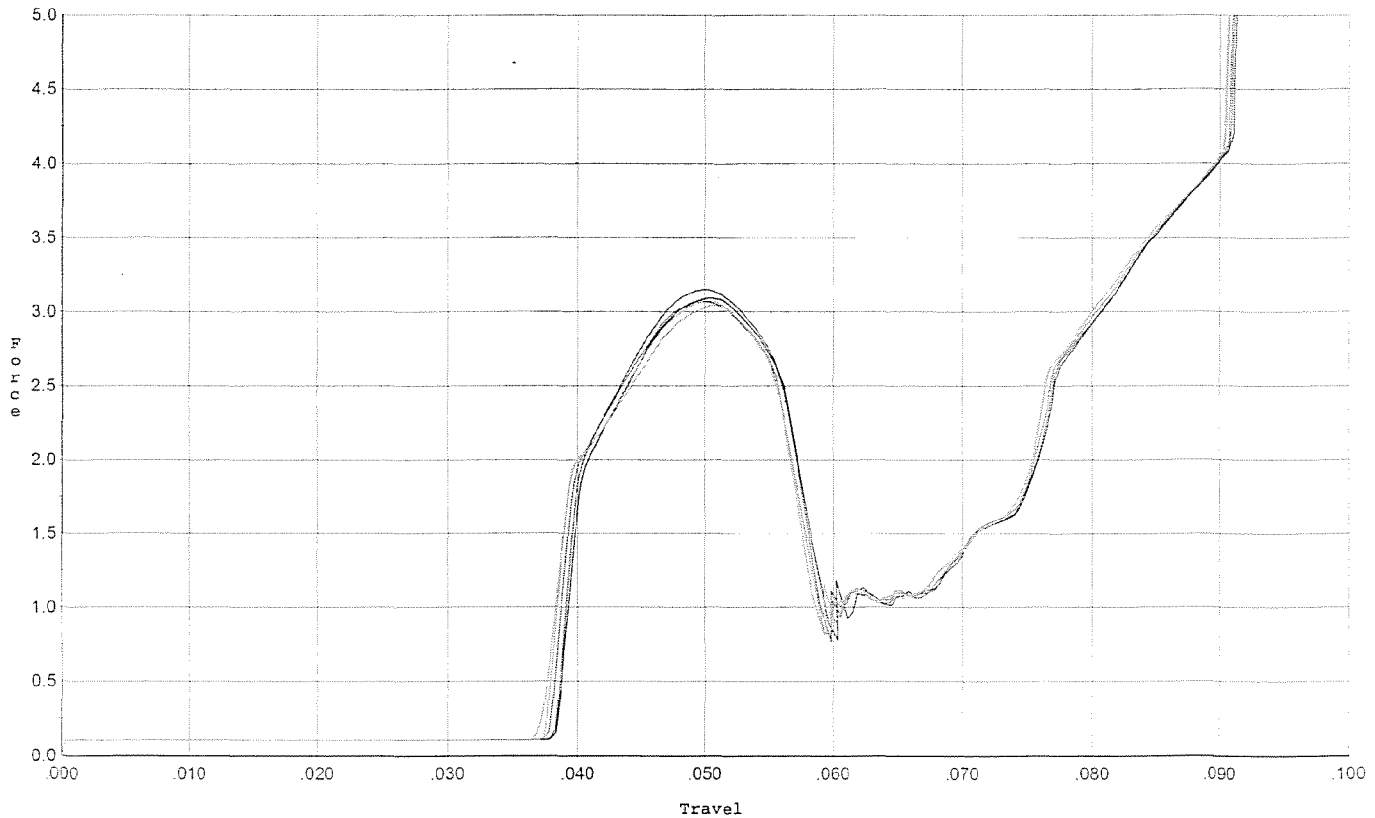
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.415	0.052	0.035	0.040	0.039		Set Trigger
2	2.423	0.053	0.035	0.040	0.039		Set Trigger
3	2.421	0.054	0.035	0.040	0.040		Set Trigger
4	2.419	0.052	0.036	0.040	0.039		Set Trigger
5	2.474	0.053	0.035	0.039	0.041		Set Trigger

AVG 2.43

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



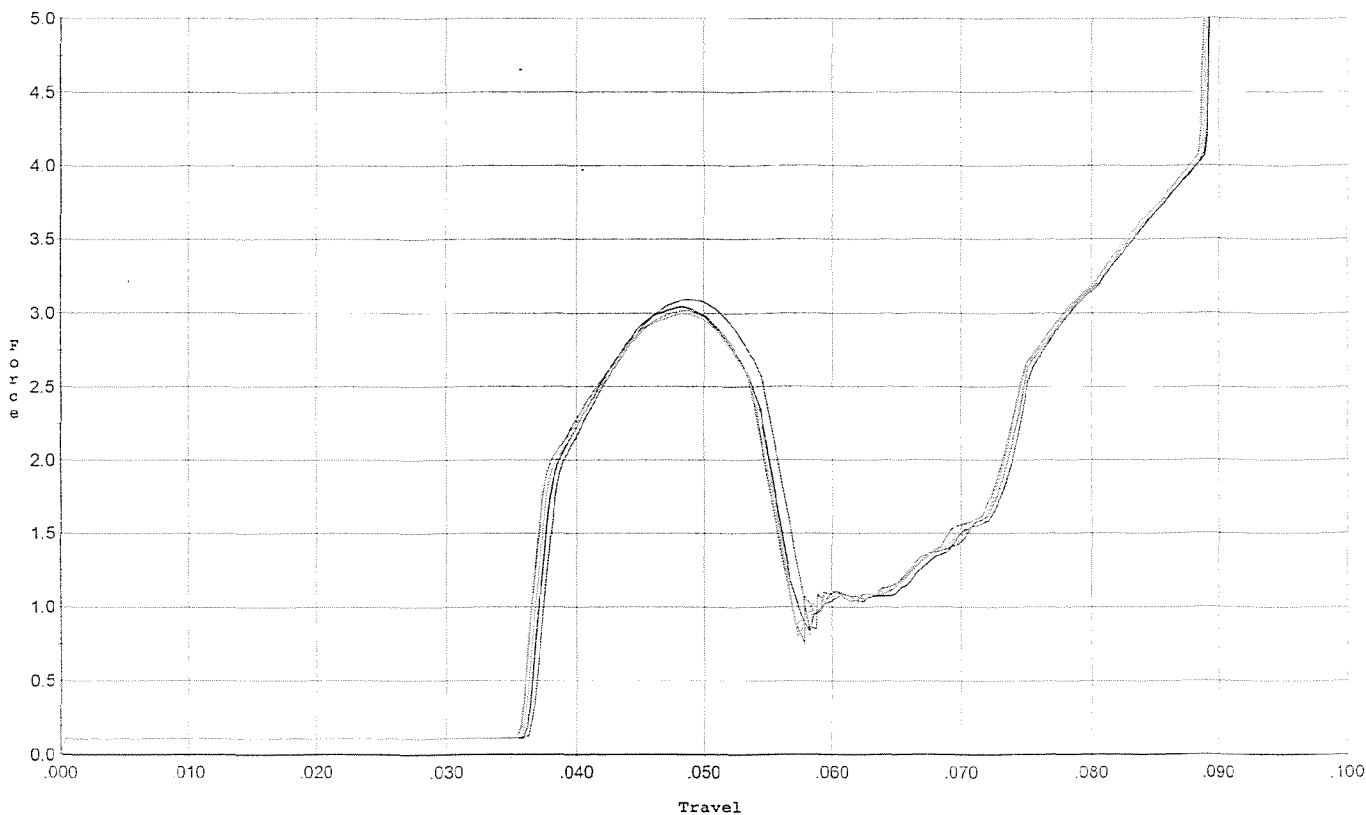
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.150	0.056	0.038	0.039	0.053		Set Trigger
2	3.094	0.056	0.039	0.039	0.052		Set Trigger
3	3.069	0.056	0.038	0.039	0.051		Set Trigger
4	3.042	0.056	0.038	0.039	0.051		Set Trigger
5	3.076	0.056	0.037	0.039	0.052		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



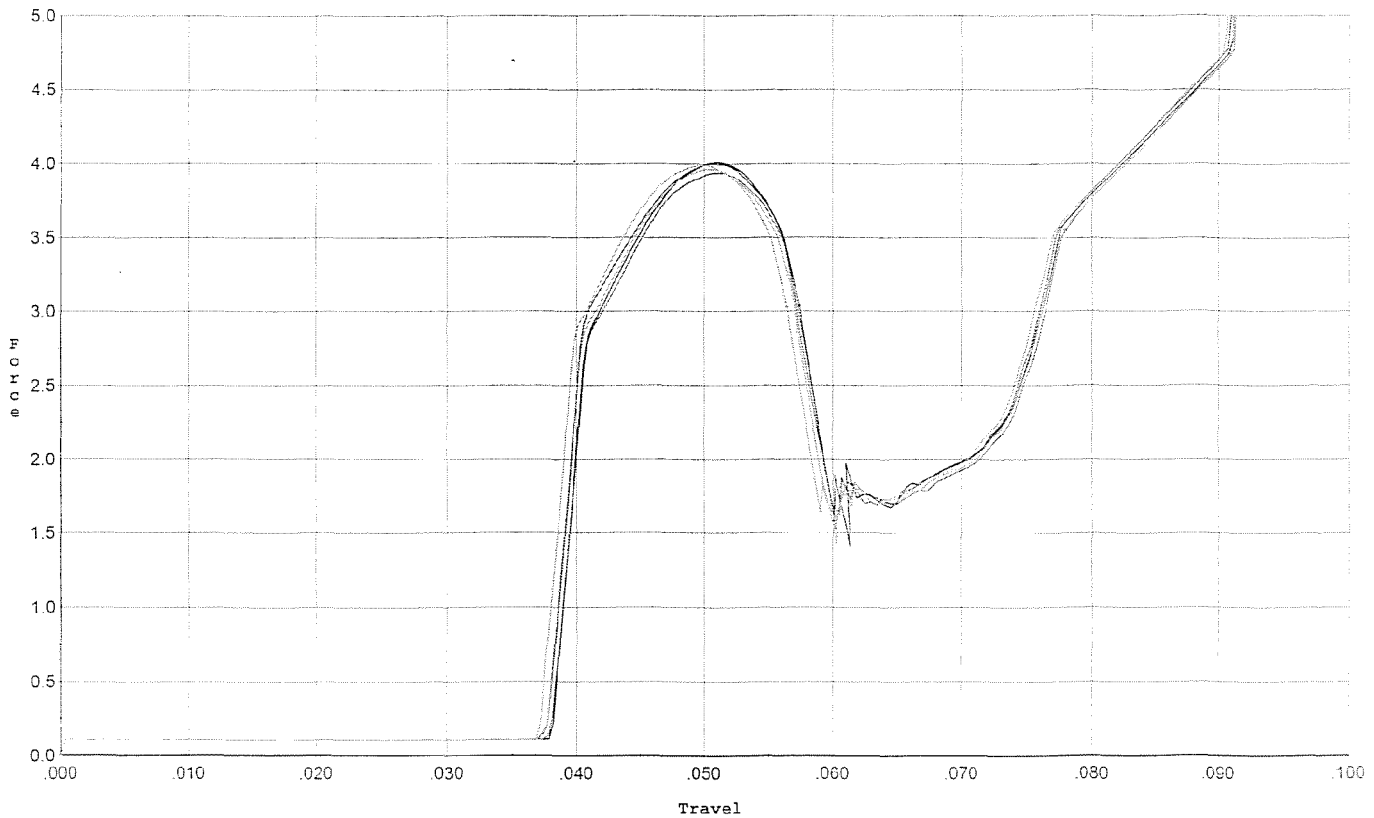
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.093	0.055	0.037	0.038	0.052		Set Trigger
2	3.042	0.054	0.036	0.038	0.051		Set Trigger
3	3.018	0.054	0.036	0.038	0.051		Set Trigger
4	2.991	0.055	0.036	0.038	0.052		Set Trigger
5	3.023	0.055	0.036	0.038	0.053		Set Trigger

Avg 3.03

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 3/02/07

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



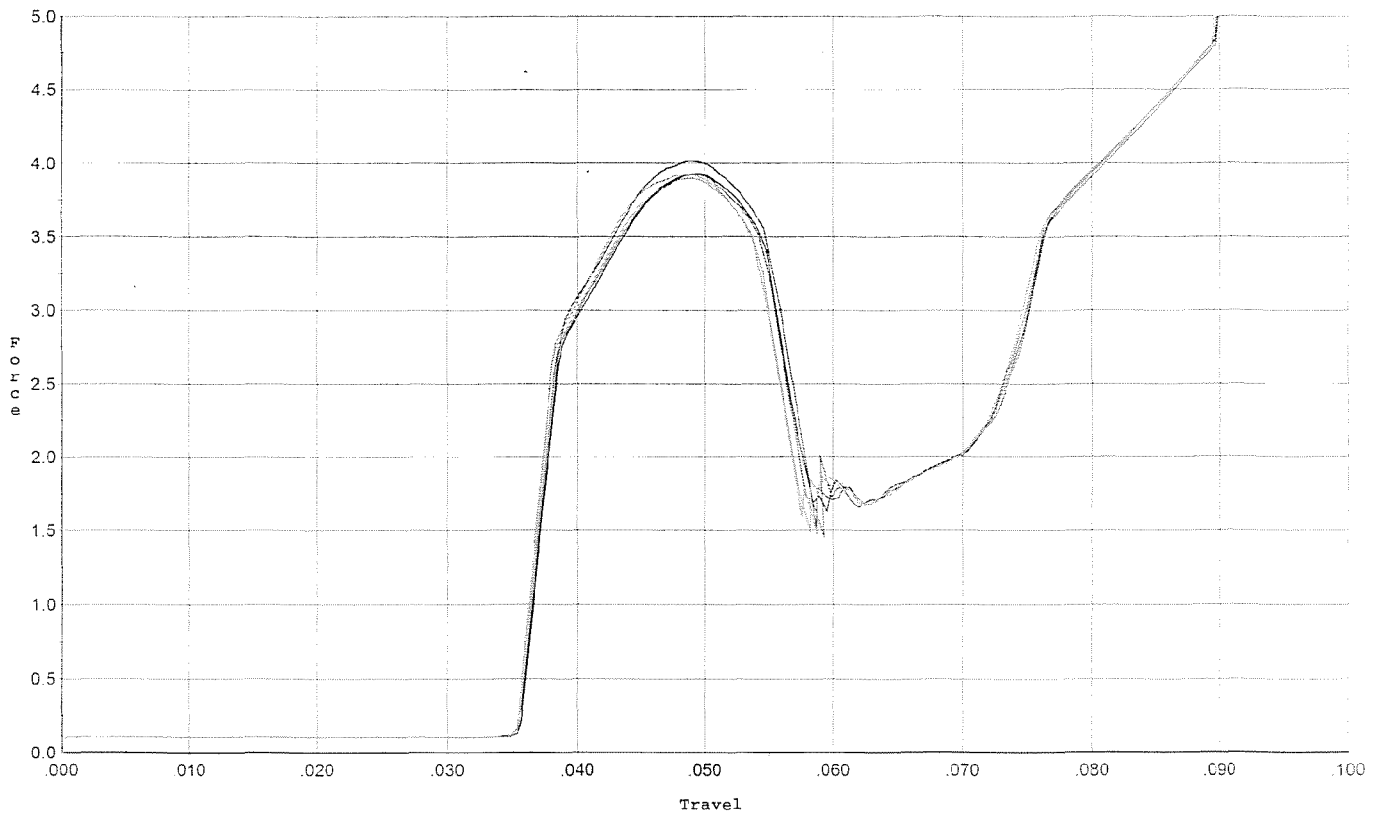
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.999	0.056	0.038	0.038	0.070		Set Trigger
2	4.011	0.057	0.038	0.038	0.071		Set Trigger
3	3.936	0.058	0.038	0.038	0.070		Set Trigger
4	3.961	0.057	0.038	0.038	0.069		Set Trigger
5	3.988	0.056	0.037	0.038	0.070		Set Trigger

Avg 3.97

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 3/02/07

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



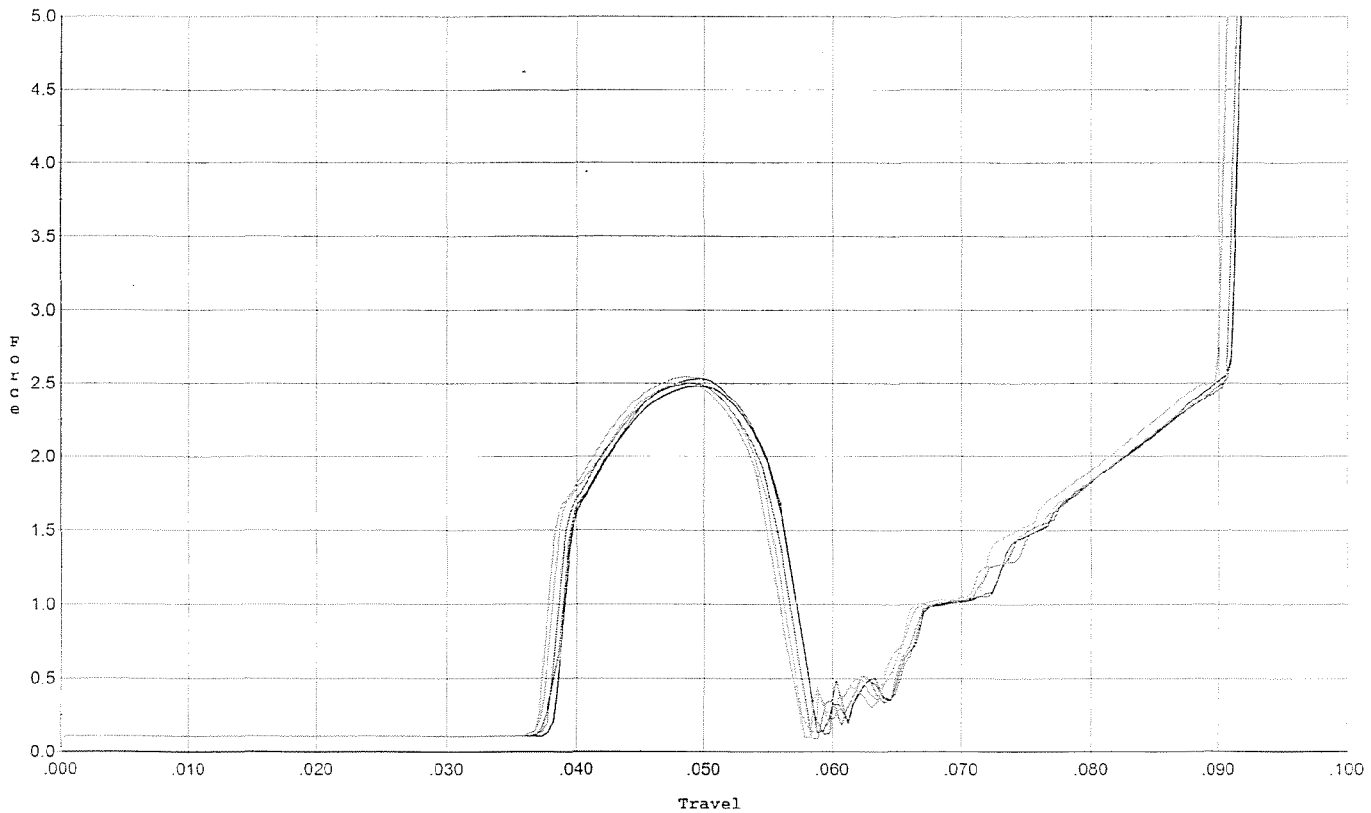
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.014	0.056	0.036	0.037	0.073		Set Trigger
2	3.930	0.055	0.036	0.037	0.069		Set Trigger
3	3.924	0.055	0.036	0.037	0.070		Set Trigger
4	3.897	0.055	0.036	0.037	0.069		Set Trigger
5	3.926	0.055	0.036	0.037	0.070		Set Trigger

Avg 3.93

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 3/02/07

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



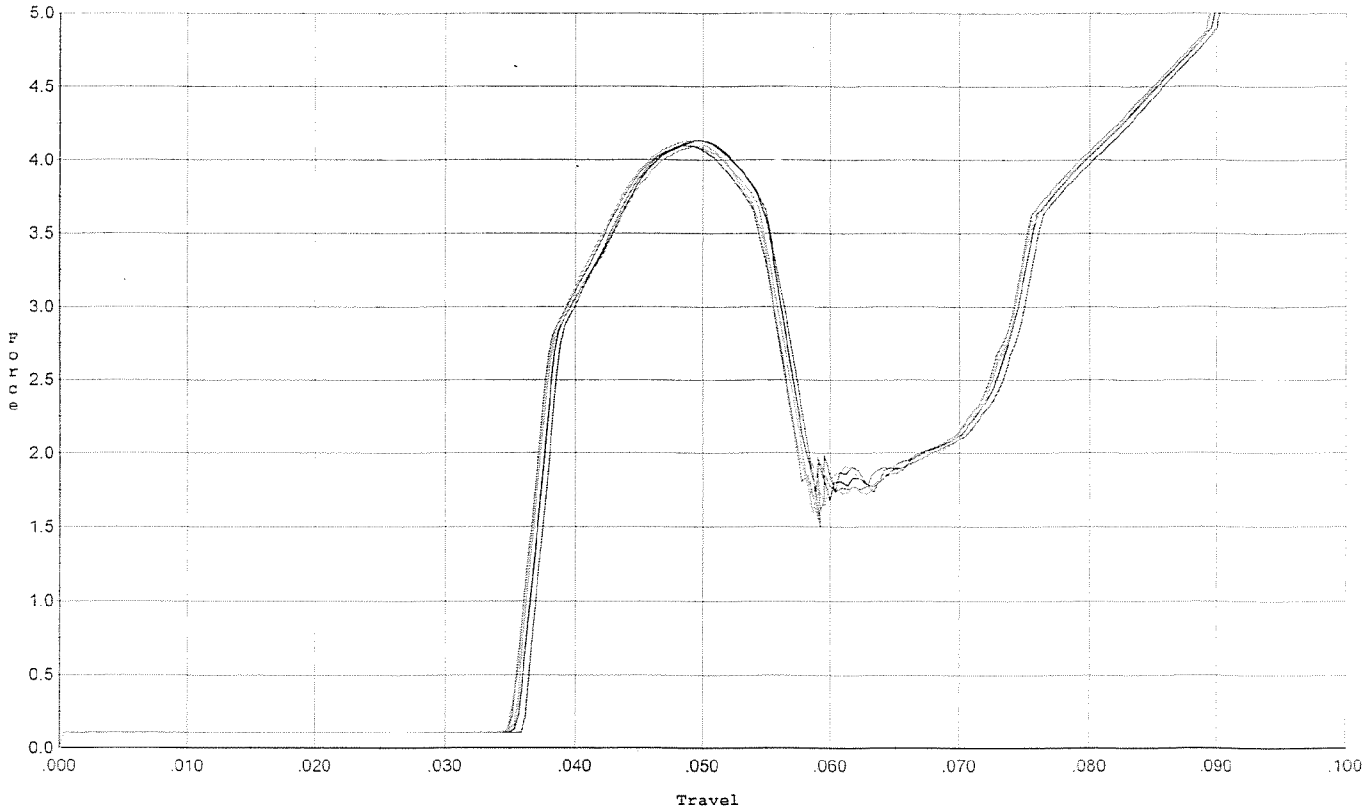
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.532	0.056	0.038	0.040	0.043		Set Trigger
2	2.479	0.056	0.038	0.040	0.042		Set Trigger
3	2.500	0.056	0.038	0.040	0.042		Set Trigger
4	2.544	0.055	0.037	0.040	0.042		Set Trigger
5	2.506	0.054	0.037	0.041	0.041		Set Trigger

AVG 2.51

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 3/02/07

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	4.134	0.057	0.036	0.037	0.075		Set Trigger
2	4.136	0.055	0.036	0.037	0.073		Set Trigger
3	4.099	0.055	0.035	0.037	0.073		Set Trigger
4	4.132	0.055	0.035	0.037	0.073		Set Trigger
5	4.093	0.056	0.036	0.037	0.075		Set Trigger

AVG 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637746.___0
FILE DATE AND TIME: 03/15/2007 22:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

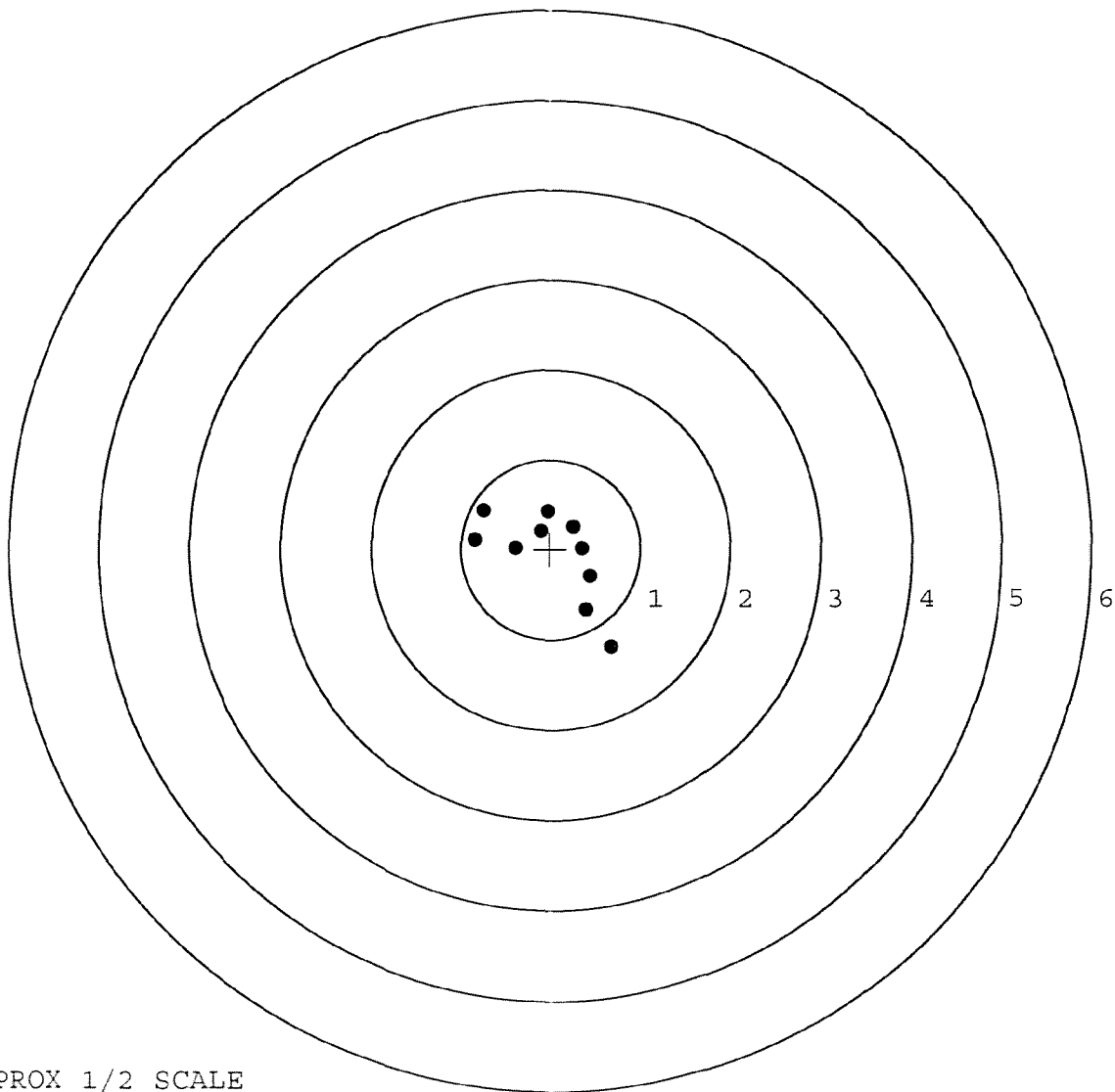
The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	-0.051
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.657
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.196
The Distance from Centroid Target #3 to Centroid Target #1:	0.081
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

BARBER - M24 0145765

SERIAL NUMBER: G6637746. 0
 TARGET NUMBER: 1
 FILE DATE: 03/15/2007
 FILE TIME: 22:38

POINT#	X	Y
1:	-0.750	0.430
2:	-0.853	0.104
3:	-0.387	0.007
4:	-0.028	0.425
5:	-0.103	0.202
6:	0.255	0.251
7:	0.356	0.008
8:	0.444	-0.301
9:	0.400	-0.678
10:	0.668	-1.083

X CENTROID: 0.000
 Y CENTROID: -0.064
 POA TO CENTROID: 0.064
 HORZ SPREAD: 1.521
 VERT SPREAD: 1.513
 GROUP SPREAD: 2.074
 MIN RADIUS: 0.285
 MAX RADIUS: 1.219
 MEAN RADIUS: 0.616
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



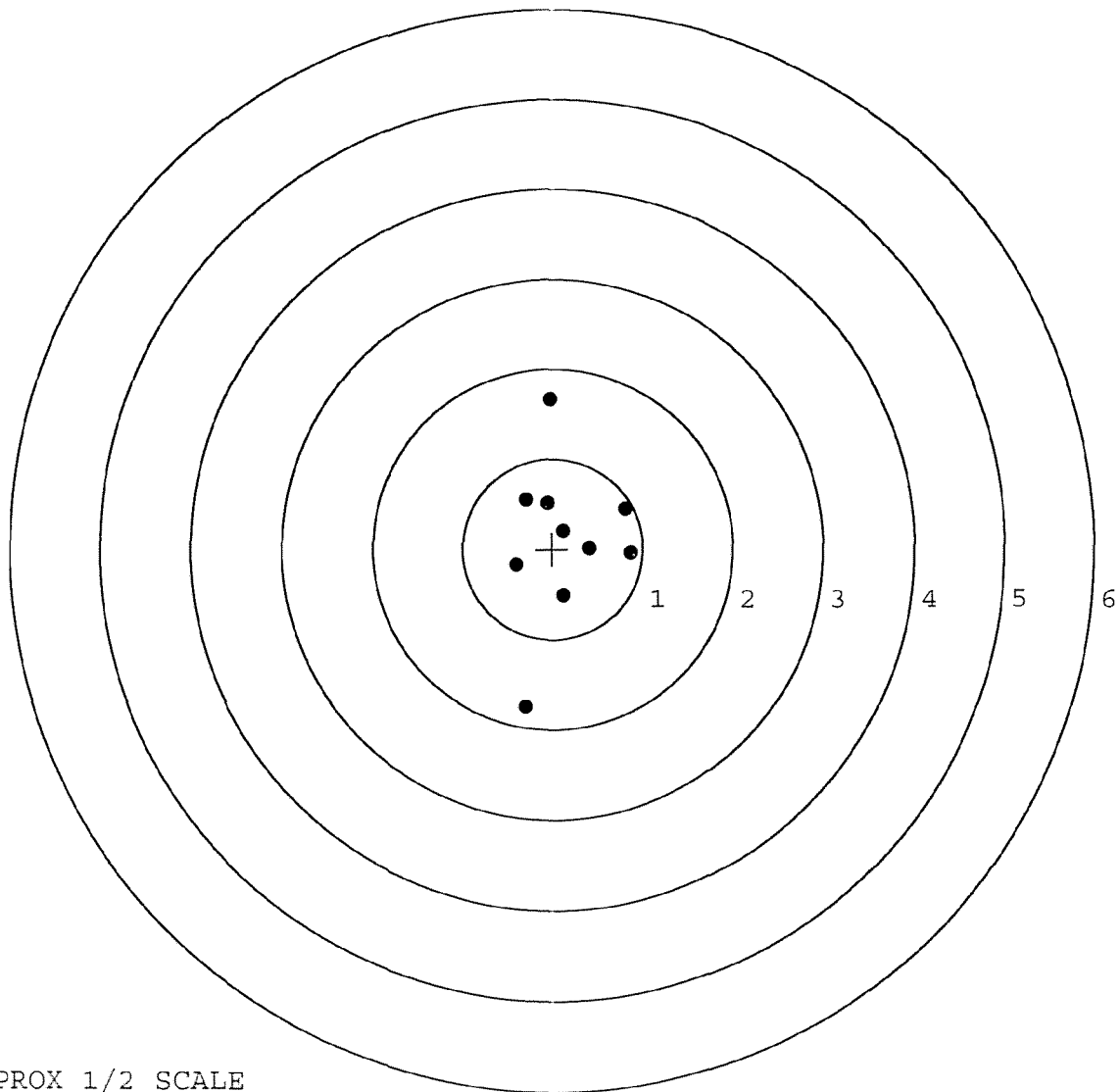
TARGET APPROX 1/2 SCALE

BARBER - M24 0145766

SERIAL NUMBER: G6637746. 0
 TARGET NUMBER: 2
 FILE DATE: 03/15/2007
 FILE TIME: 22:38

X CENTROID: 0.127
 Y CENTROID: 0.086
 POA TO CENTROID: 0.154
 HORZ SPREAD: 1.271
 VERT SPREAD: 3.420
 GROUP SPREAD: 3.431
 MIN RADIUS: 0.108
 MAX RADIUS: 1.893
 MEAN RADIUS: 0.768
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.297	0.546
2:	-0.055	0.506
3:	0.123	0.194
4:	0.419	0.009
5:	0.871	-0.043
6:	0.804	0.441
7:	0.129	-0.516
8:	-0.400	-0.177
9:	-0.024	1.661
10:	-0.296	-1.759



TARGET APPROX 1/2 SCALE

BARBER - M24 0145767

SERIAL NUMBER: G6637746. 0

TARGET NUMBER: 3

FILE DATE: 03/15/2007

FILE TIME: 22:38

POINT#	X	Y
1:	-1.112	-0.369
2:	-0.446	-0.074
3:	-0.290	0.224
4:	-0.394	0.589
5:	0.108	0.423
6:	0.610	0.492
7:	0.395	-0.125
8:	1.241	-0.268
9:	0.514	-0.723
10:	0.172	-0.957

X CENTROID: 0.080

Y CENTROID: -0.079

POA TO CENTROID: 0.112

HORZ SPREAD: 2.353

VERT SPREAD: 1.546

GROUP SPREAD: 2.355

MIN RADIUS: 0.319

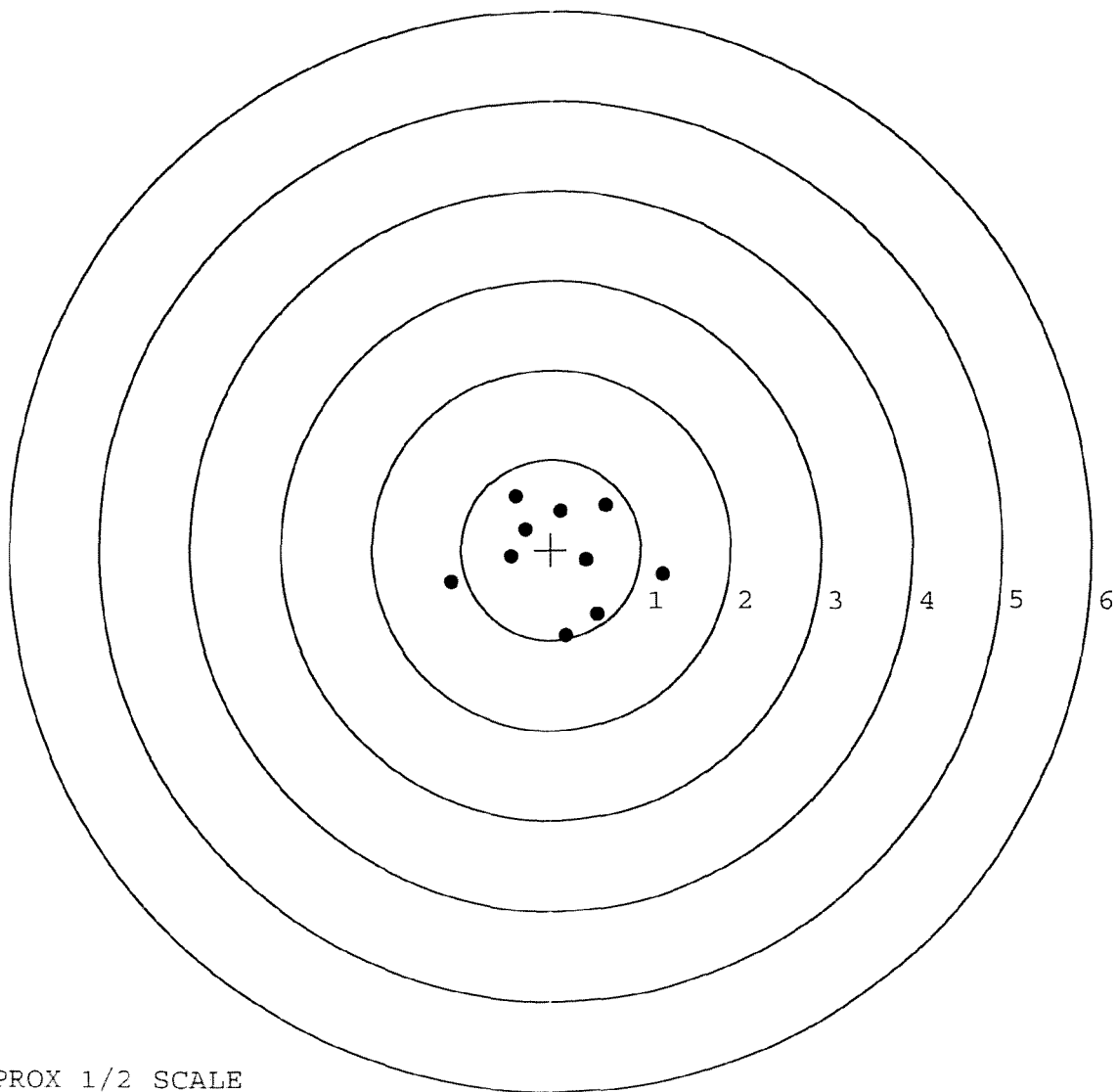
MAX RADIUS: 1.227

MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



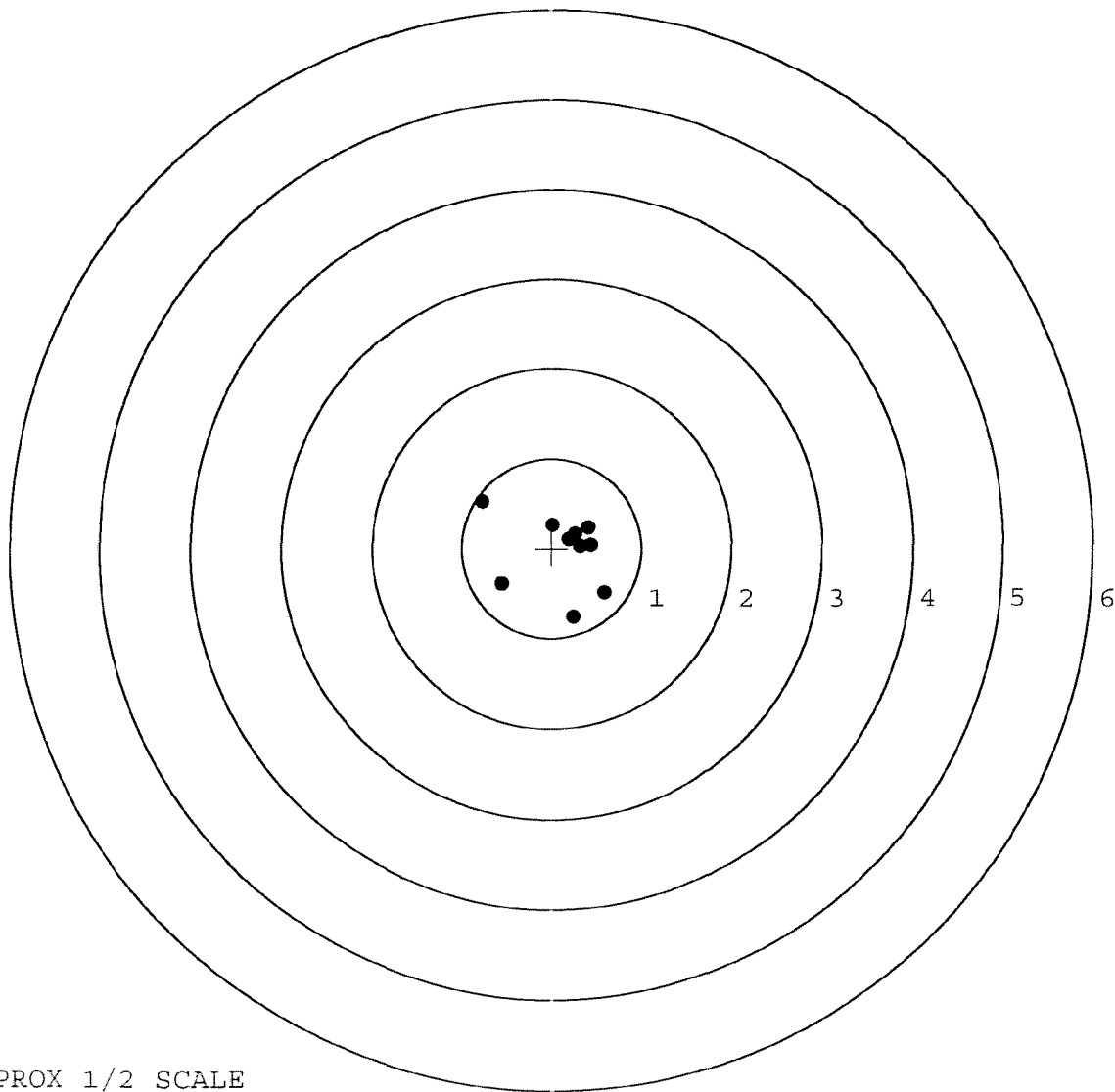
TARGET APPROX 1/2 SCALE

BARBER - M24 0145768

SERIAL NUMBER: G6637746. 0
 TARGET NUMBER: 4
 FILE DATE: 03/15/2007
 FILE TIME: 22:38

POINT#	X	Y
1:	-0.767	0.525
2:	-0.554	-0.396
3:	0.251	-0.770
4:	0.593	-0.498
5:	0.439	0.039
6:	0.409	0.238
7:	0.315	0.026
8:	0.265	0.163
9:	0.190	0.103
10:	0.009	0.263

X CENTROID: 0.115
 Y CENTROID: -0.031
 POA TO CENTROID: 0.119
 HORZ SPREAD: 1.360
 VERT SPREAD: 1.295
 GROUP SPREAD: 1.702
 MIN RADIUS: 0.153
 MAX RADIUS: 1.042
 MEAN RADIUS: 0.487
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



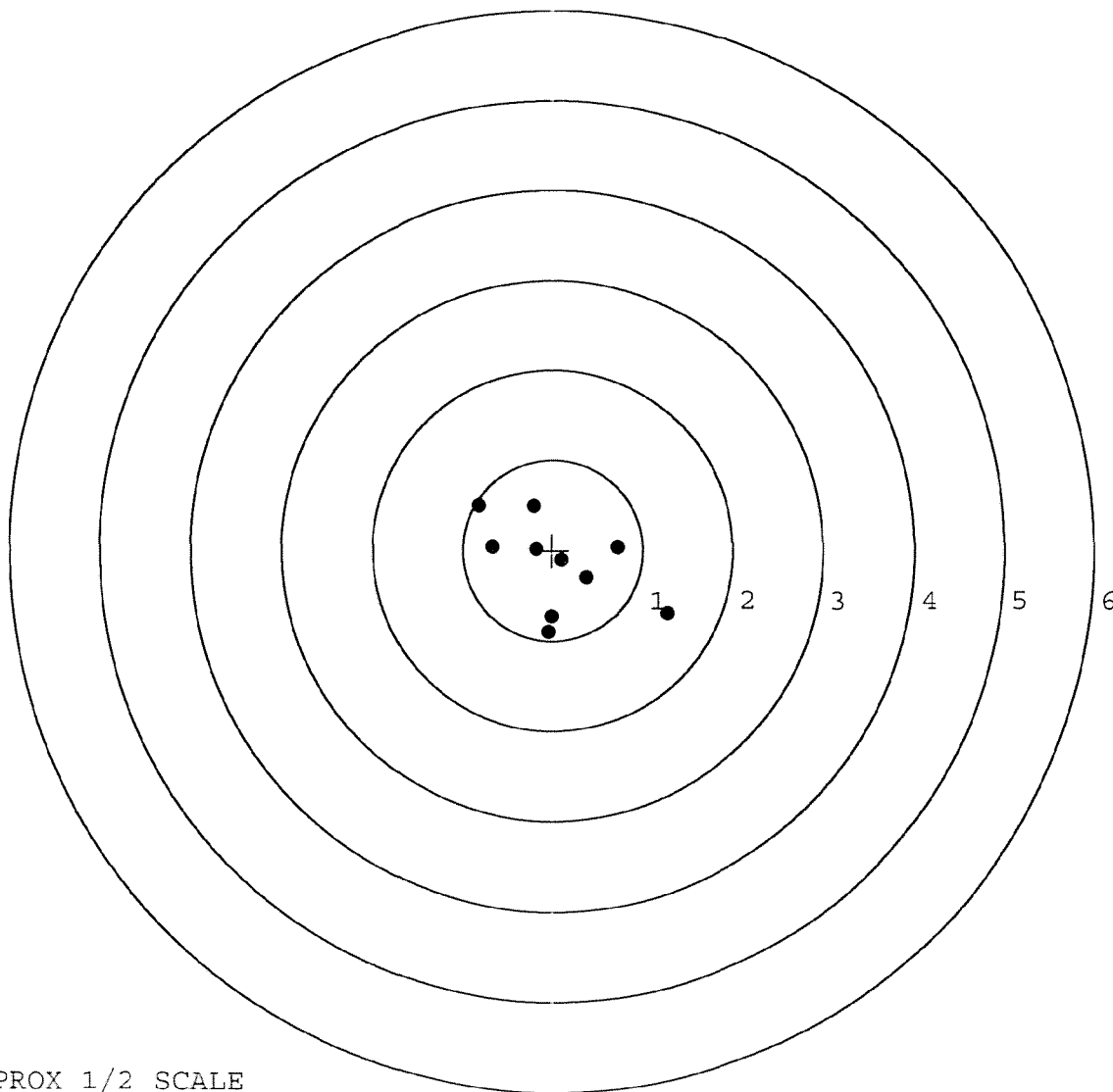
TARGET APPROX 1/2 SCALE

BARBER - M24 0145769

SERIAL NUMBER: G6637746. __0
 TARGET NUMBER: 5
 FILE DATE: 03/15/2007
 FILE TIME: 22:38

POINT#	X	Y
1:	-0.203	0.493
2:	-0.825	0.489
3:	-0.671	0.039
4:	-0.182	0.016
5:	0.103	-0.109
6:	0.385	-0.305
7:	0.722	0.036
8:	1.276	-0.696
9:	-0.008	-0.735
10:	-0.046	-0.913

X CENTROID: 0.055
 Y CENTROID: -0.168
 POA TO CENTROID: 0.177
 HORZ SPREAD: 2.101
 VERT SPREAD: 1.406
 GROUP SPREAD: 2.412
 MIN RADIUS: 0.076
 MAX RADIUS: 1.330
 MEAN RADIUS: 0.665
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE