

G-6645301

ORDER 25716

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

UPC



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UPC



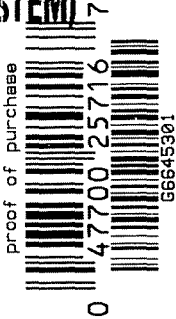
SERIAL NO.



66645301

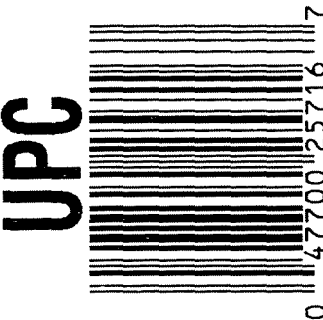
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6645301



BM FORM

M-24
BARBER - M24 0171084 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6645301

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9/18/07	P.P.D.
420	ASSEMBLE ACTION			
430	ASSEMBLE TO STOCK		9-18-07	SD
440	PROOF	MAGNA - FLUX	9/18/07	mm
460	CHECK HEADSPACE	SEP 20 2007	9/18/07	mm
470	DIS-ASSEMBLE ACTION		9-18-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	9/20/07	mm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-19-07	CW
510	DRILL AND TAP SIGHT HOLES		9-19-07	Fm
520	GOFF BLAST BBL / REC		9-21-07	Ly
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/25/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-26-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-26-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-26-07	SD
	D) OIL FIRING PIN ASSEMBLY		9/27/07	P.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/12/07	mm

F004 REV 5/2006

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0171084

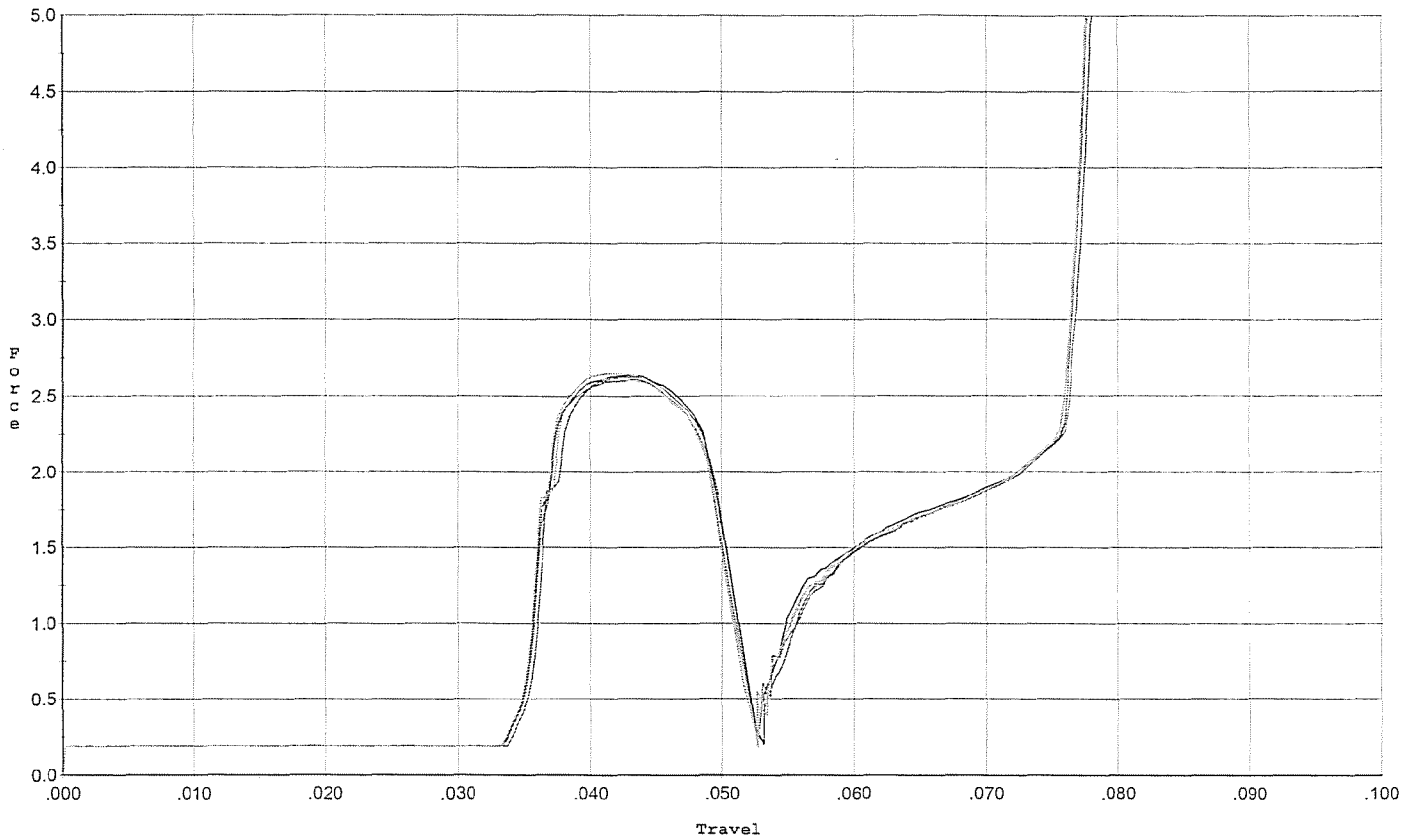
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 0171085 F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4.5</u> <u>4.25</u> <u>4.75</u>	9/2/07	mon
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>4.25</u> <u>4.25</u>	10/2/07	mon
	H) TRIGGER PULL TEST AND RETAINABILITY		10/2/07	mon
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	10/2/07	mon
	J) ASSEMBLE STOCK		9/27/07	L.H.D.
	K) ASSEMBLE SWIVEL STUDS		10/2/07	mon
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/12/07	mon
	M) IRON SIGHT ALIGNMENT		10/12/07	mon
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/12/07	mon
640 & 650	FUNCTION TEST AND TARGET	PASS PASS FAIL FAIL	9-28-07	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-28-07	FM
670	FINAL INSPECTION A) HEADSPACE		10/2/07	mon
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>237</u> <u>255</u> <u>249</u> <u>203</u> <u>252</u>	10/1/07	MTM
	C) FUNCTION		10/2/07	mon
690	PACK		10/15/07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/14/07

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



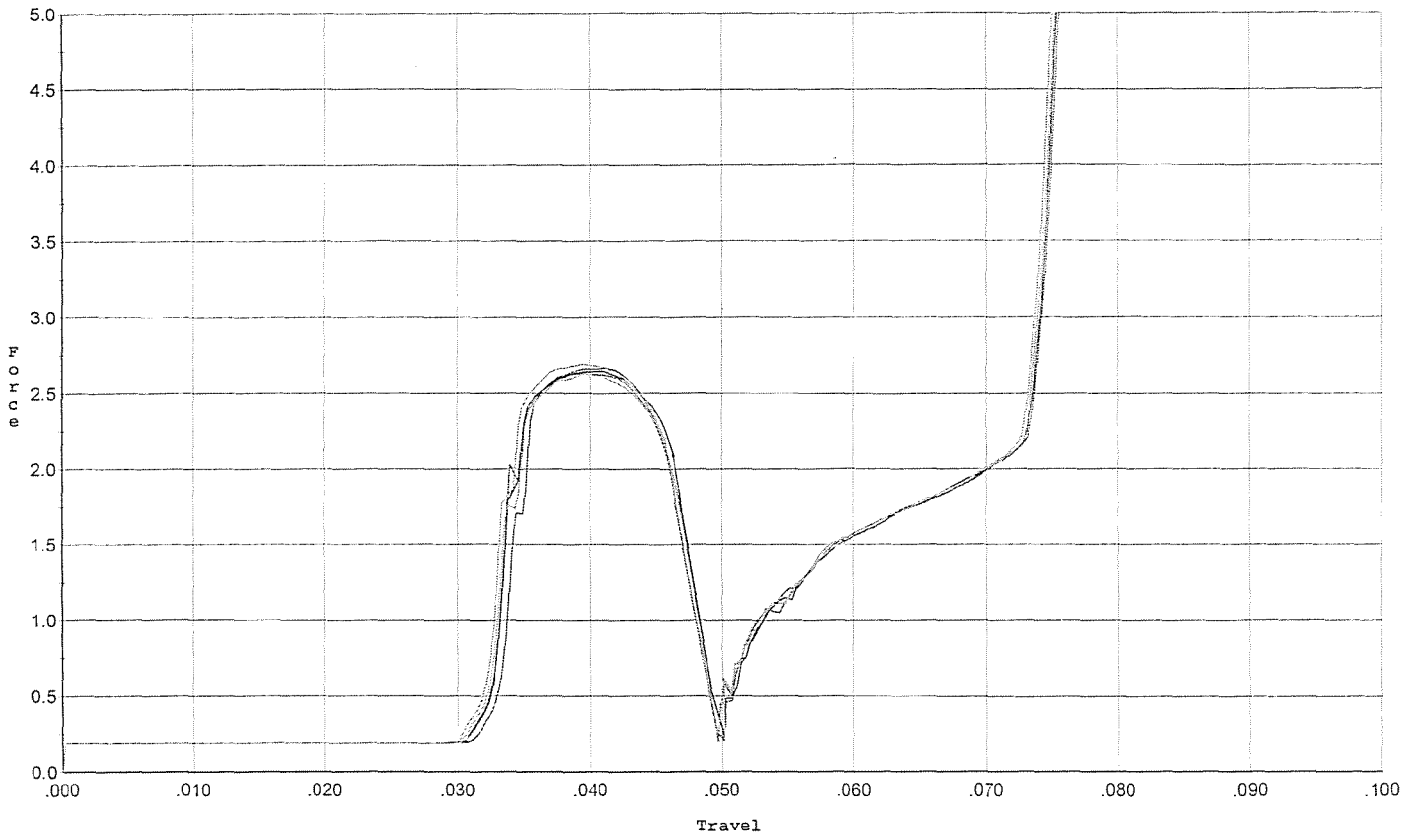
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.626	0.050	0.034	0.035	0.041		Set Trigger
2	2.636	0.050	0.034	0.034	0.042		Set Trigger
3	2.609	0.049	0.034	0.035	0.040		Set Trigger
4	2.616	0.049	0.034	0.035	0.040		Set Trigger
5	2.648	0.049	0.034	0.035	0.041		Set Trigger

AVG 2.62

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/14/07

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



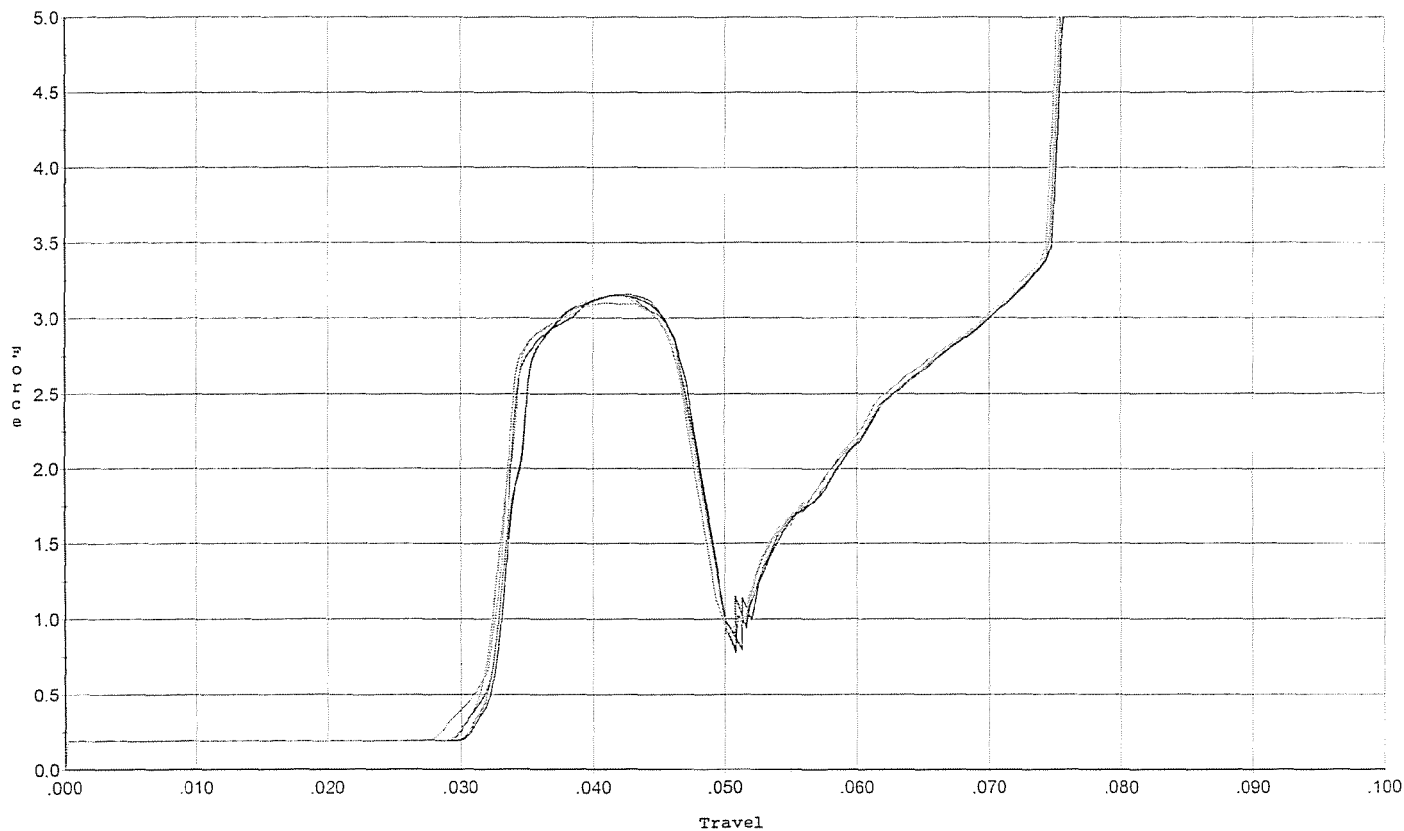
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.664	0.047	0.032	0.034	0.039		Set Trigger
2	2.645	0.046	0.031	0.033	0.040		Set Trigger
3	2.631	0.046	0.031	0.034	0.039		Set Trigger
4	2.628	0.047	0.031	0.033	0.040		Set Trigger
5	2.691	0.046	0.031	0.033	0.040		Set Trigger

Avg 2.65

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/14/07

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



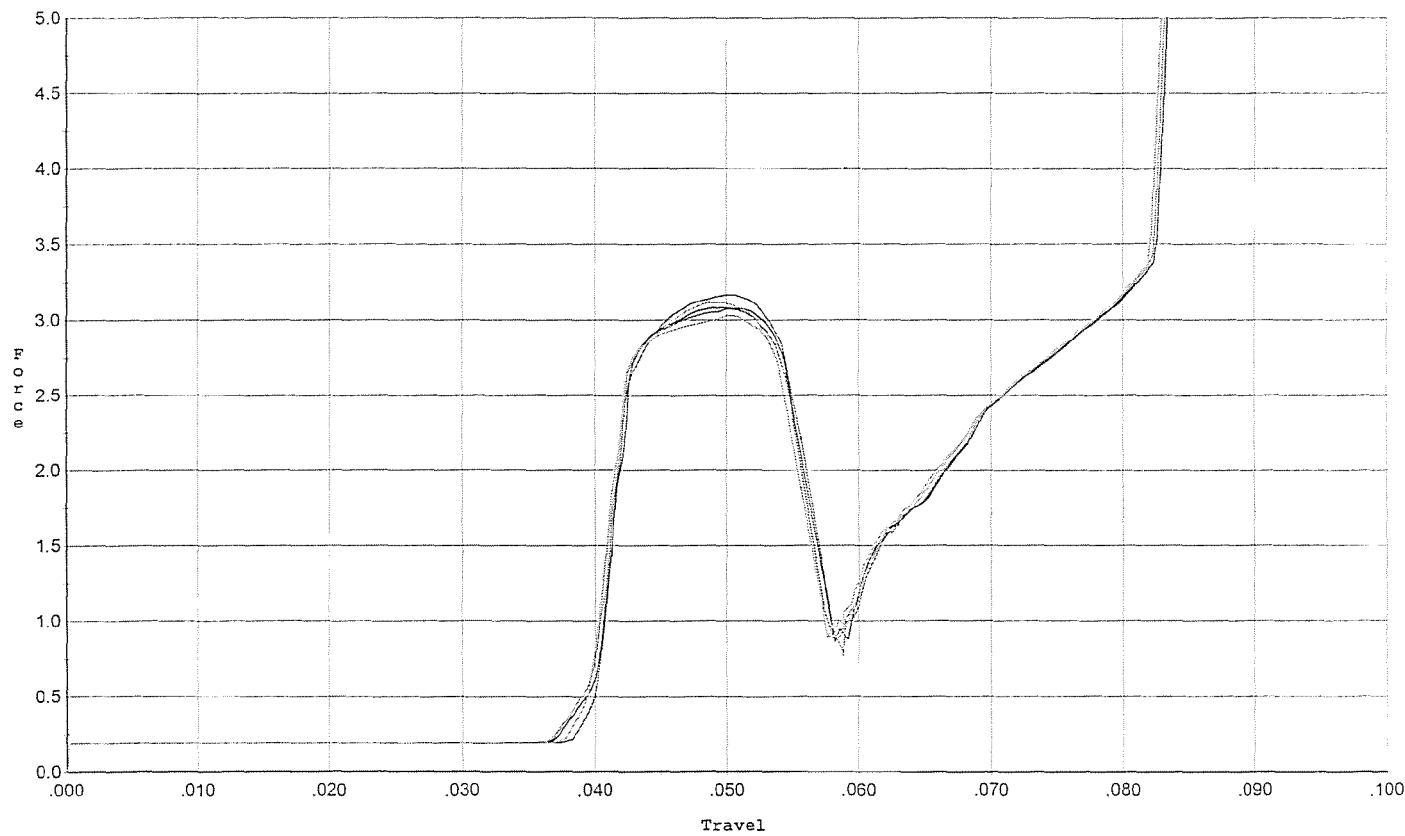
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.158	0.048	0.030	0.033	0.050		Set Trigger
2	3.150	0.047	0.031	0.033	0.049		Set Trigger
3	3.147	0.048	0.031	0.033	0.049		Set Trigger
4	3.147	0.046	0.030	0.033	0.049		Set Trigger
5	3.098	0.048	0.029	0.033	0.051		Set Trigger

Avg 3.14

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/14/07

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



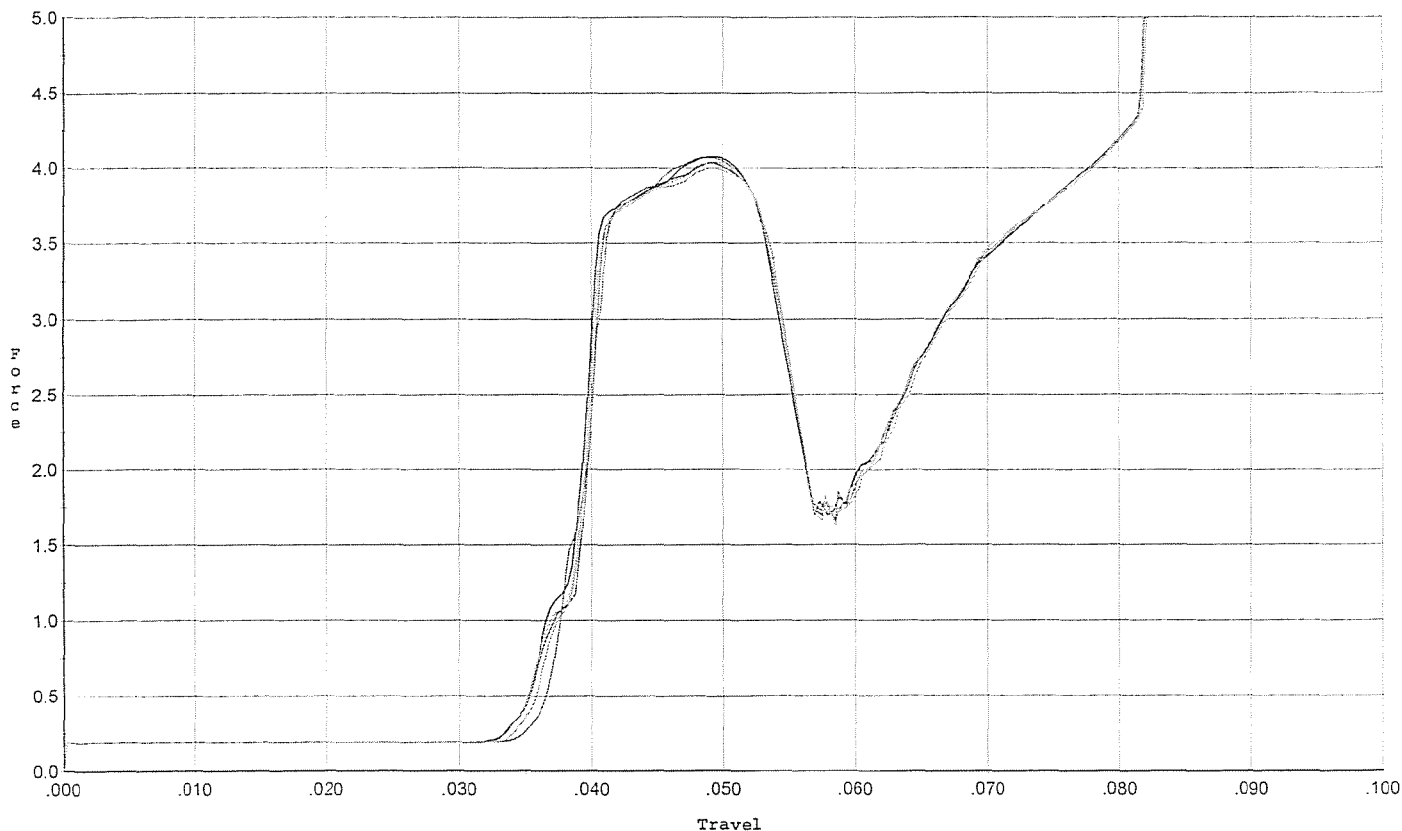
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.166	0.056	0.039	0.034	0.052		Set Trigger
2	3.081	0.054	0.038	0.034	0.050		Set Trigger
3	3.076	0.055	0.039	0.034	0.050		Set Trigger
4	3.118	0.056	0.038	0.034	0.051		Set Trigger
5	3.029	0.056	0.039	0.034	0.051		Set Trigger

Avg 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/14/07

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



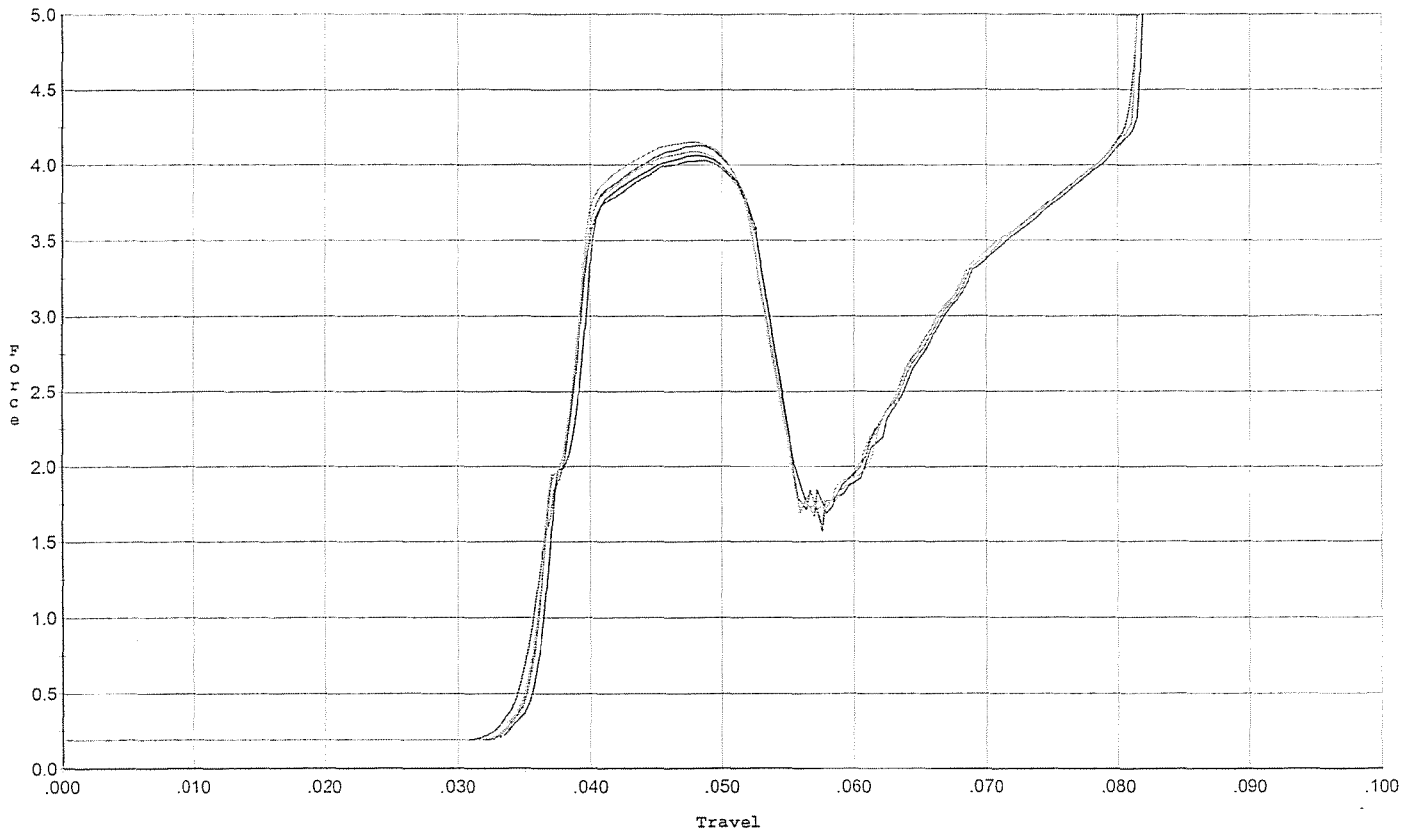
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.033	0.054	0.035	0.033	0.068		Set Trigger
2	4.076	0.053	0.035	0.033	0.068		Set Trigger
3	4.070	0.054	0.036	0.033	0.069		Set Trigger
4	4.040	0.054	0.034	0.032	0.069		Set Trigger
5	3.997	0.054	0.035	0.033	0.067		Set Trigger

Avg 4.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/14/07

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



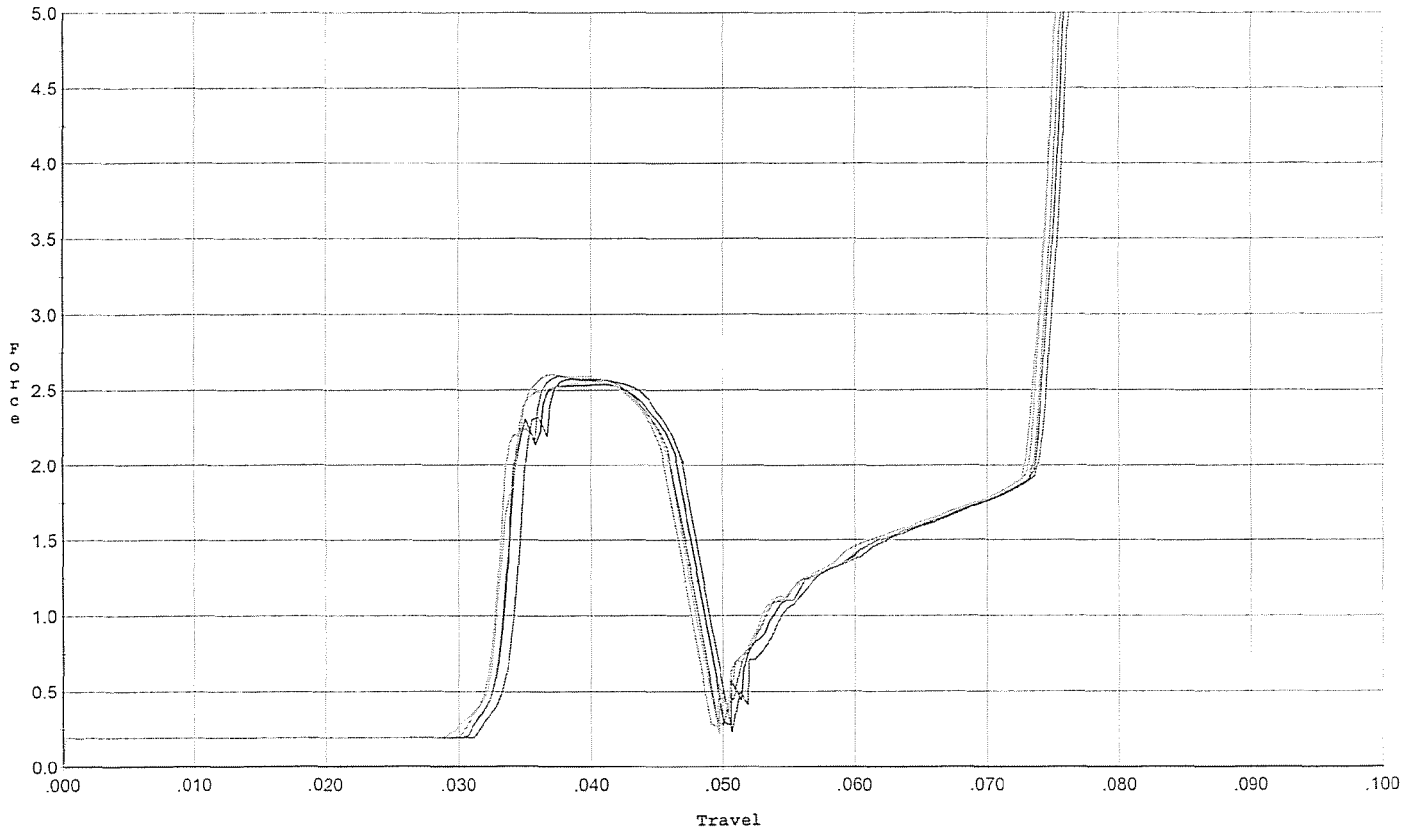
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.032	0.053	0.034	0.033	0.070		Set Trigger
2	4.064	0.053	0.035	0.033	0.068		Set Trigger
3	4.128	0.054	0.035	0.033	0.071		Set Trigger
4	4.152	0.054	0.035	0.033	0.072		Set Trigger
5	4.090	0.052	0.034	0.034	0.068		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/14/07

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



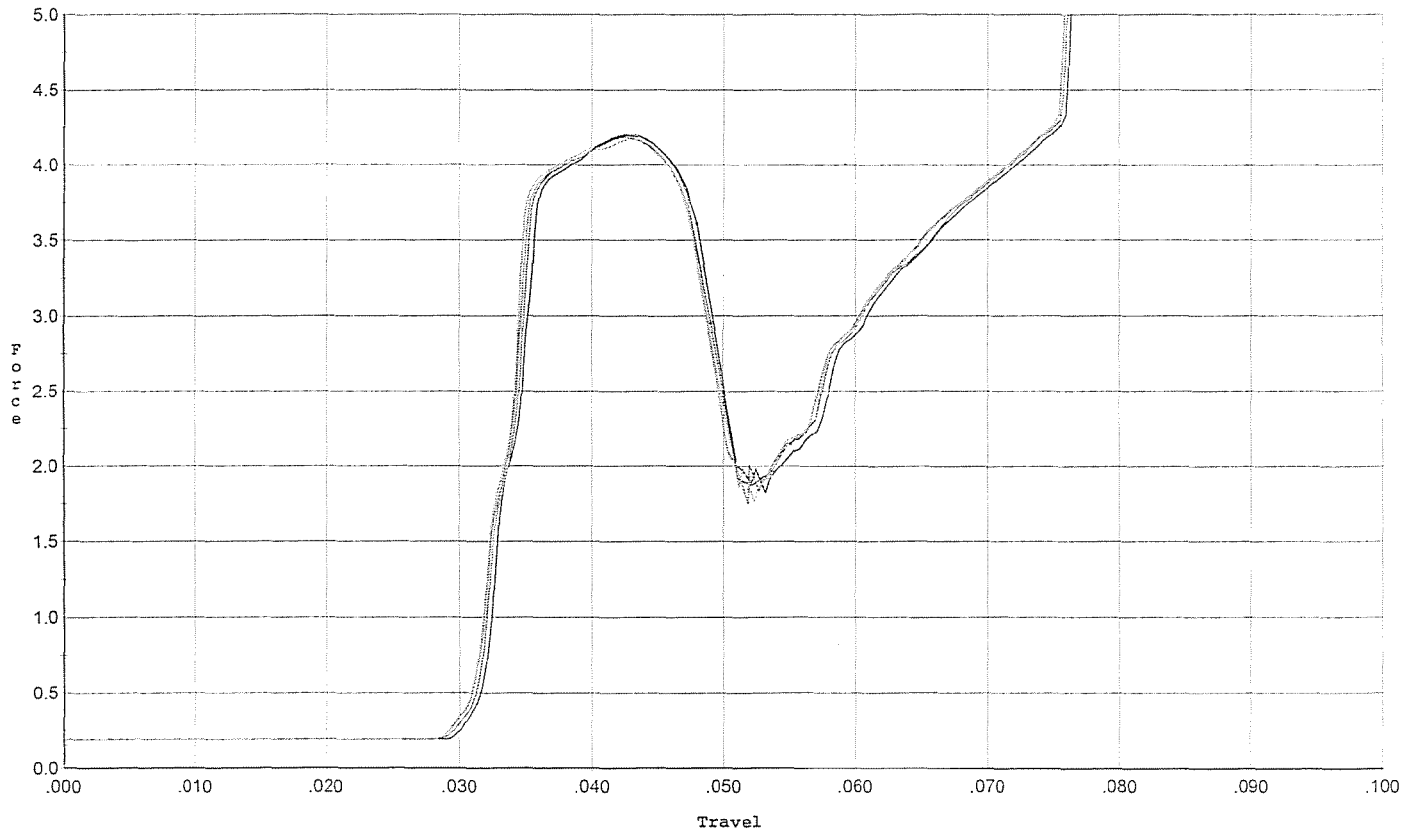
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.572	0.047	0.032	0.034	0.039		Set Trigger
2	2.536	0.048	0.031	0.034	0.040		Set Trigger
3	2.595	0.047	0.031	0.034	0.040		Set Trigger
4	2.555	0.046	0.032	0.033	0.039		Set Trigger
5	2.604	0.047	0.031	0.033	0.040		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/14/07

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	4.201	0.049	0.031	0.032	0.069		Set Trigger
2	4.195	0.048	0.031	0.032	0.067		Set Trigger
3	4.182	0.047	0.031	0.031	0.067		Set Trigger
4	4.169	0.047	0.030	0.032	0.066		Set Trigger
5	4.207	0.047	0.030	0.031	0.067		Set Trigger

AVG 4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645301.__1
FILE DATE AND TIME: 09/28/2007 11:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

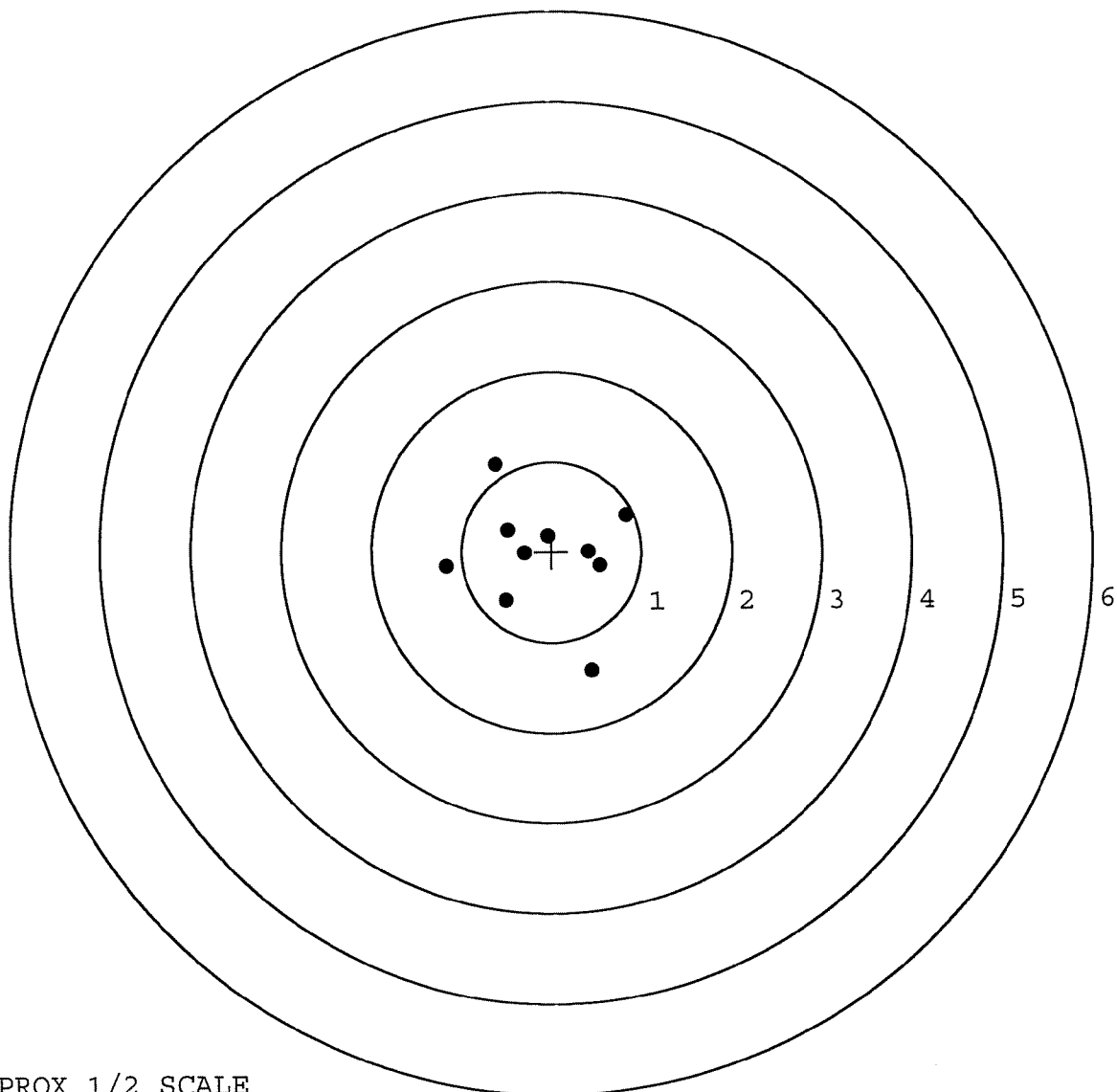
The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	-0.064
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.647
The Distance from POA to Centroid Target #1:	0.100
The Distance from Centroid Target #2 to Centroid Target #1:	0.229
The Distance from Centroid Target #3 to Centroid Target #1:	0.069
The Distance from Centroid Target #4 to Centroid Target #1:	0.067
The Distance from Centroid Target #5 to Centroid Target #1:	0.135

BARBER - M24 0171095

SERIAL NUMBER: G6645301. __1
TARGET NUMBER: 1
FILE DATE: 09/28/2007
FILE TIME: 11:09

	POINT#	X	Y
	1:	0.438	-1.319
	2:	0.828	0.403
	3:	0.537	-0.160
	4:	0.409	0.005
	5:	-1.169	-0.155
	6:	-0.509	-0.538
	7:	-0.617	0.975
	8:	-0.486	0.245
	9:	-0.305	-0.017
	10:	-0.046	0.174

X CENTROID: -0.092
Y CENTROID: -0.039
POA TO CENTROID: 0.100
HORZ SPREAD: 1.997
VERT SPREAD: 2.294
GROUP SPREAD: 2.525
MIN RADIUS: 0.214
MAX RADIUS: 1.386
MEAN RADIUS: 0.734
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



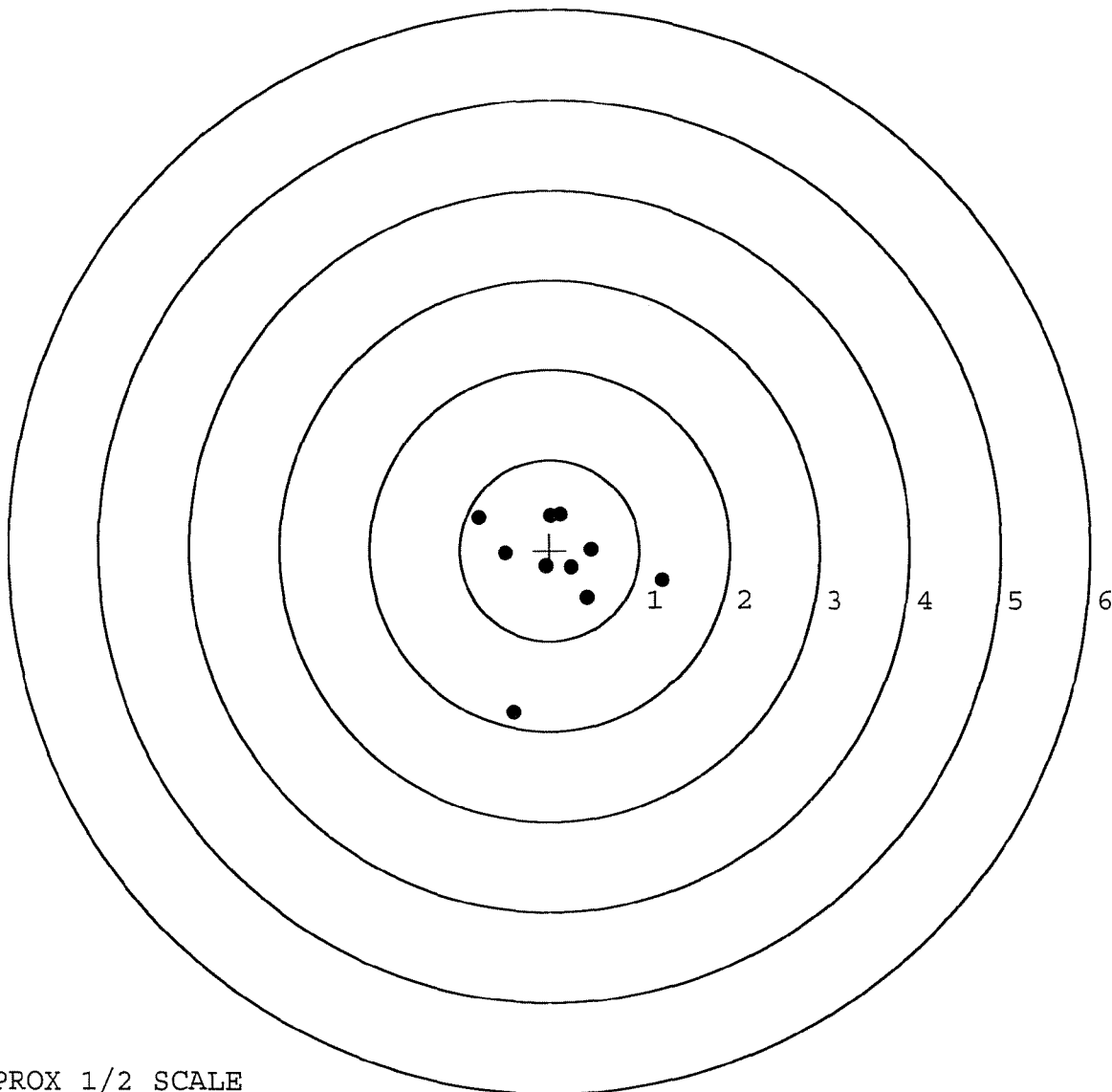
TARGET APPROX 1/2 SCALE

BARBER - M24 0171096

SERIAL NUMBER: G6645301. __1
TARGET NUMBER: 2
FILE DATE: 09/28/2007
FILE TIME: 11:09

POINT#	X	Y
1:	-0.787	0.363
2:	-0.491	-0.039
3:	-0.046	-0.179
4:	0.012	0.383
5:	1.251	-0.336
6:	0.416	-0.530
7:	0.245	-0.193
8:	0.462	0.008
9:	0.116	0.396
10:	-0.398	-1.800

X CENTROID: 0.078
Y CENTROID: -0.193
POA TO CENTROID: 0.208
HORZ SPREAD: 2.038
VERT SPREAD: 2.196
GROUP SPREAD: 2.255
MIN RADIUS: 0.125
MAX RADIUS: 1.676
MEAN RADIUS: 0.685
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

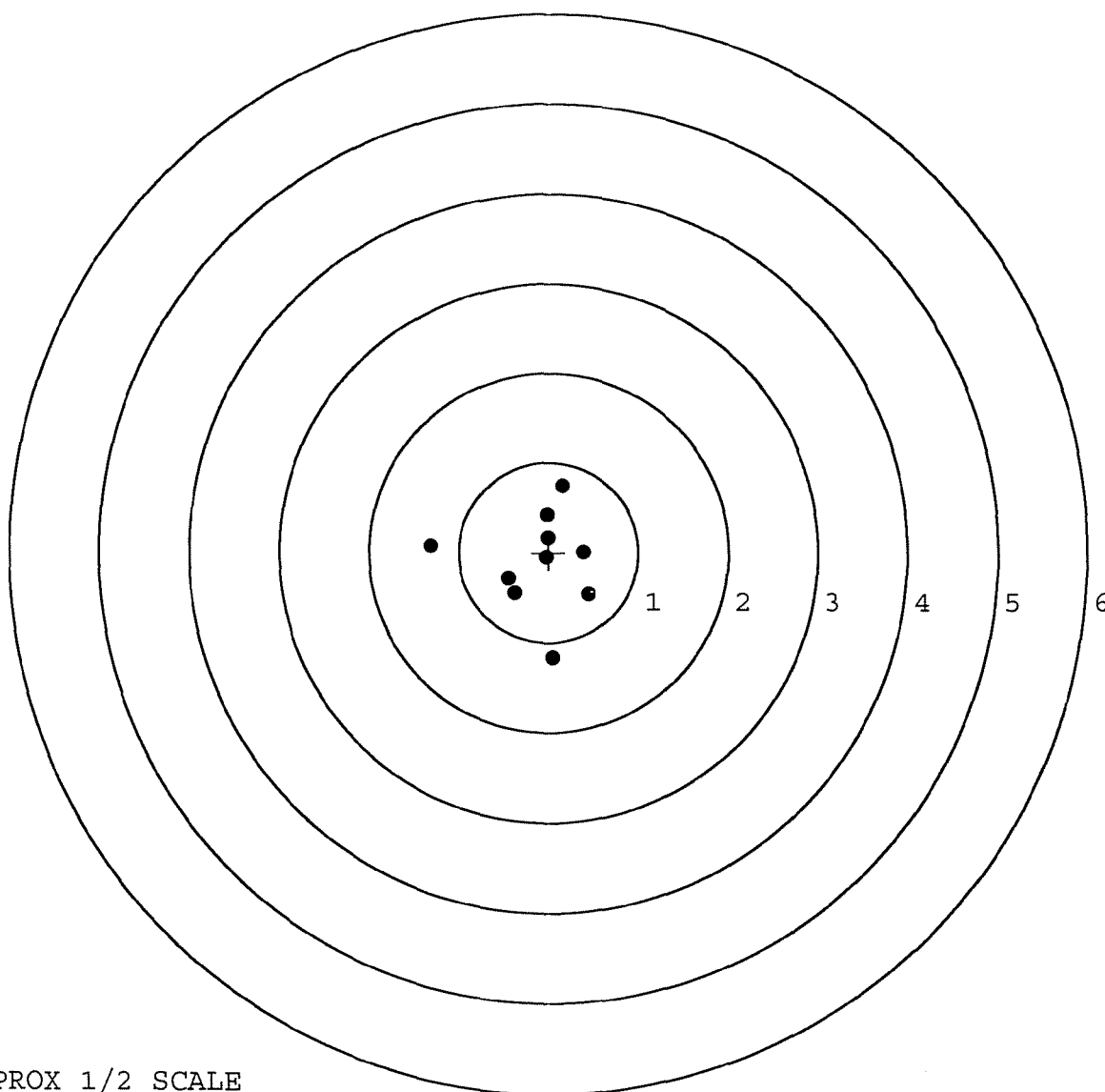
BARBER - M24 0171097

SERIAL NUMBER: G6645301. __1
TARGET NUMBER: 3
FILE DATE: 09/28/2007
FILE TIME: 11:09

X CENTROID: -0.116
Y CENTROID: -0.103
POA TO CENTROID: 0.155
HORZ SPREAD: 1.762
VERT SPREAD: 1.917
GROUP SPREAD: 1.851
MIN RADIUS: 0.100
MAX RADIUS: 1.213
MEAN RADIUS: 0.611

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.315	0.076
2:	0.048	-1.177
3:	-0.378	-0.455
4:	-0.443	-0.287
5:	0.447	-0.469
6:	0.387	0.004
7:	-0.029	-0.054
8:	0.158	0.740
9:	-0.018	0.426
10:	-0.012	0.161



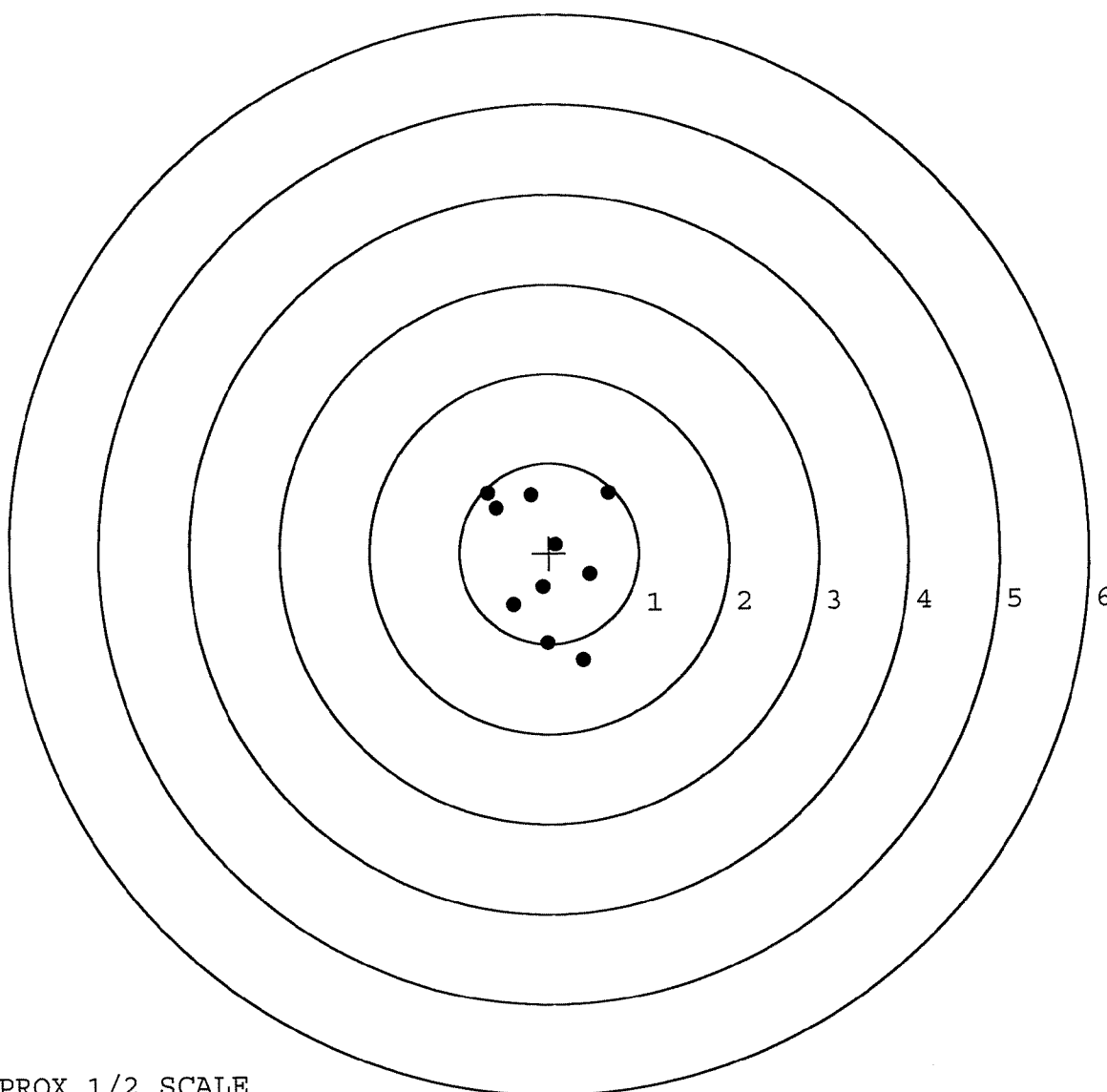
TARGET APPROX 1/2 SCALE

BARBER - M24 0171098

SERIAL NUMBER: G6645301. __1
TARGET NUMBER: 4
FILE DATE: 09/28/2007
FILE TIME: 11:09

POINT#	X	Y
1:	0.668	0.660
2:	0.451	-0.240
3:	0.372	-1.189
4:	-0.028	-1.000
5:	-0.402	-0.567
6:	-0.079	-0.376
7:	0.072	0.097
8:	-0.195	0.640
9:	-0.584	0.500
10:	-0.677	0.667

X CENTROID: -0.040
Y CENTROID: -0.081
POA TO CENTROID: 0.090
HORZ SPREAD: 1.345
VERT SPREAD: 1.856
GROUP SPREAD: 2.132
MIN RADIUS: 0.210
MAX RADIUS: 1.182
MEAN RADIUS: 0.727
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



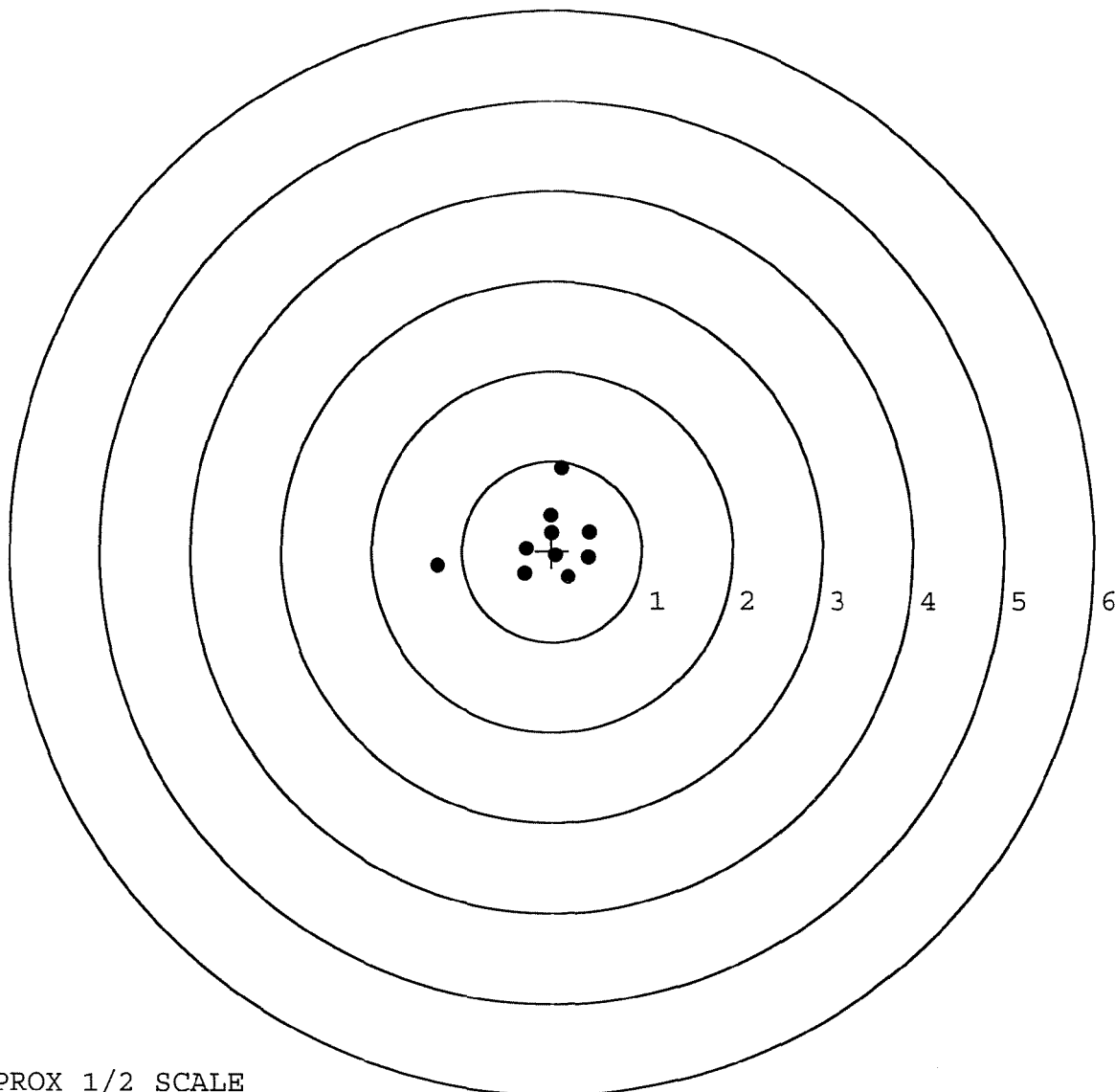
TARGET APPROX 1/2 SCALE

BARBER - M24 0171099

SERIAL NUMBER: G6645301. __1
TARGET NUMBER: 5
FILE DATE: 09/28/2007
FILE TIME: 11:09

POINT#	X	Y
1:	-1.268	-0.162
2:	0.110	0.921
3:	-0.017	0.396
4:	0.416	0.219
5:	0.006	0.203
6:	-0.285	0.027
7:	-0.301	-0.250
8:	0.186	-0.291
9:	0.407	-0.069
10:	0.043	-0.049

X CENTROID: -0.070
Y CENTROID: 0.094
POA TO CENTROID: 0.118
HORZ SPREAD: 1.684
VERT SPREAD: 1.212
GROUP SPREAD: 1.753
MIN RADIUS: 0.133
MAX RADIUS: 1.225
MEAN RADIUS: 0.480
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE