

BARBER - M24 0142018

G-6635119

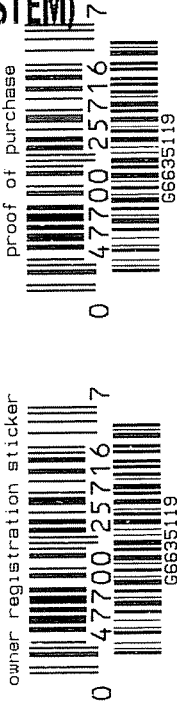
**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0142018 M2400142057

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

- INSTRUCTION BOOK 3518

DD FORM

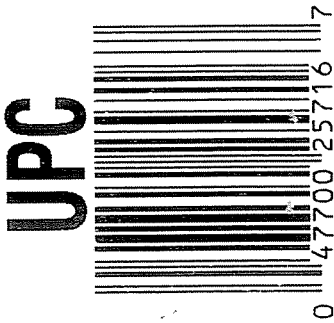


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6635119



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 # G 6635119

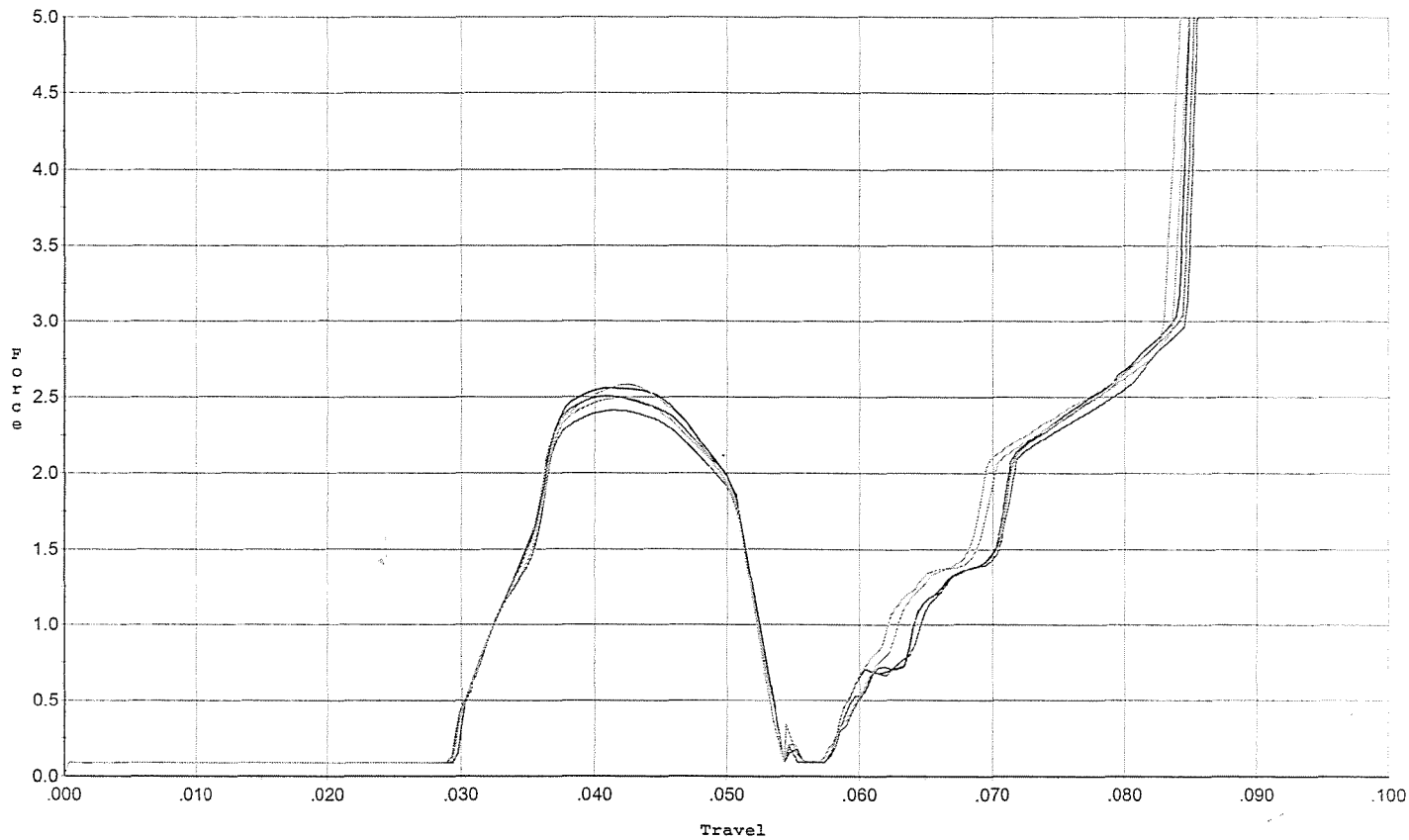
OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-20-06	RTZ
420	ASSEMBLE ACTION		12-21-06	RTZ
430	ASSEMBLE TO STOCK		12-21-06	RP
440	PROOF		12-21-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	12-21-06	TRW
470	DIS-ASSEMBLE ACTION	DEC 28 2006	12-21-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	12-28-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-28-06	CW
510	DRILL AND TAP SIGHT HOLES		12-28-06	SD
520	GOFF BLAST BBL / REC		12-28-06	LP
530 & 540	APPLY COATINGS (BARREL ACTION)		1-8-07	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION		1-8-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-8-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-8-07	SD
	D) OIL FIRING PIN ASSEMBLY		1-9-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>7.0</u>	1-10-07	L.P.D.
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	1-10-07	L.P.D.
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	1-10-07	L.P.D.
	J) ASSEMBLE STOCK		1-9-07	RTL
	K) ASSEMBLE SWIVEL STUDS		1-10-07	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-10-07	L.P.D.
	M) IRON SIGHT ALIGNMENT		1-10-07	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-10-07	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/8/07	mon
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1/9/07	mgd
670	FINAL INSPECTION A) HEADSPACE		1-10-07	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.77</u> <u>2.98</u> <u>2.93</u> <u>2.94</u> <u>2.96</u>	1-10-07	L.P.D.
	C) FUNCTION		1-10-07	L.P.D.
690	PACK		1-22-07	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/28/06
Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



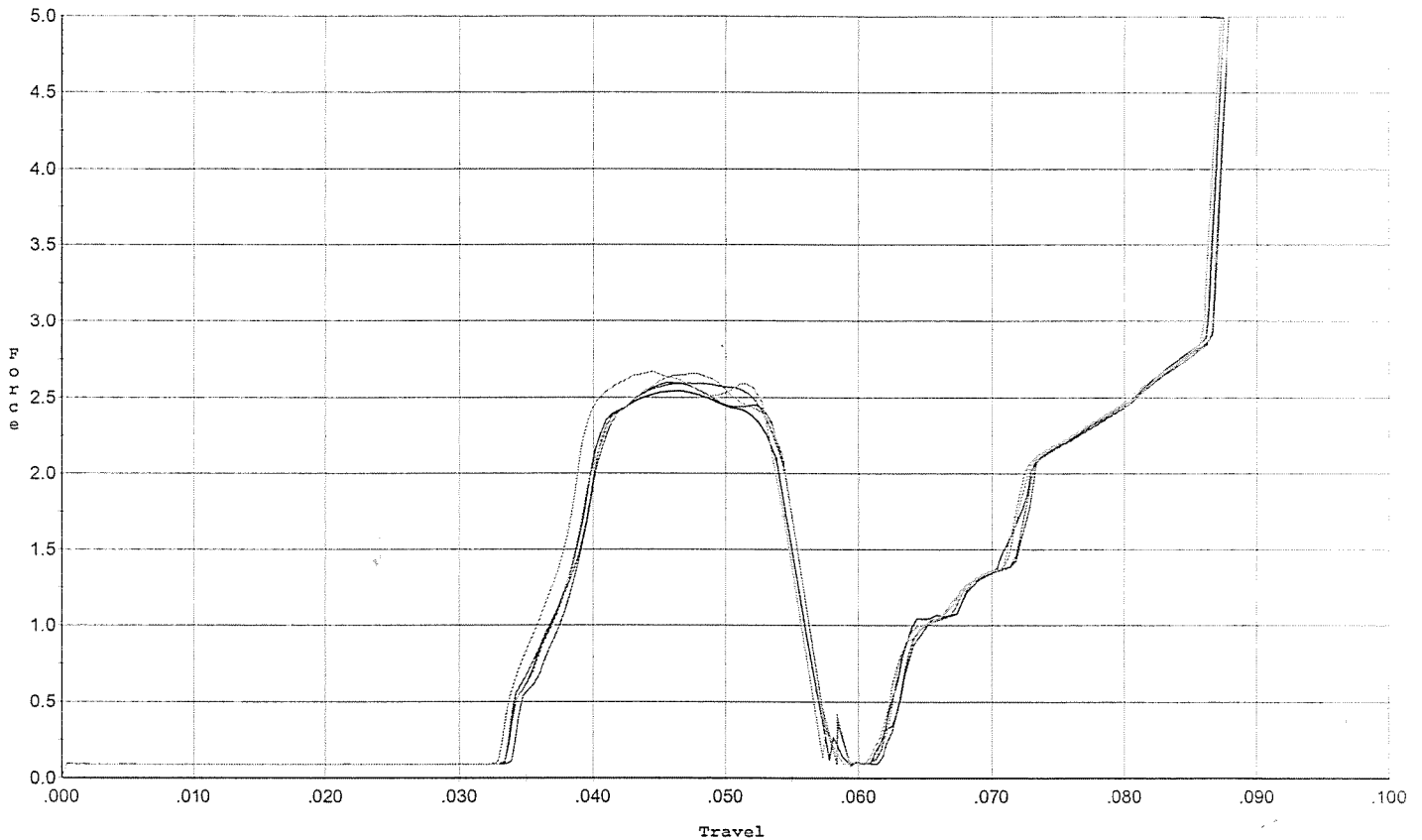
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.505	0.051	0.030	0.038	0.044		Set Trigger
2	2.558	0.051	0.030	0.037	0.045		Set Trigger
3	2.414	0.051	0.030	0.038	0.043		Set Trigger
4	2.495	0.051	0.030	0.037	0.044		Set Trigger
5	2.582	0.051	0.030	0.037	0.045		Set Trigger

Aug 2.51

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/28/06

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



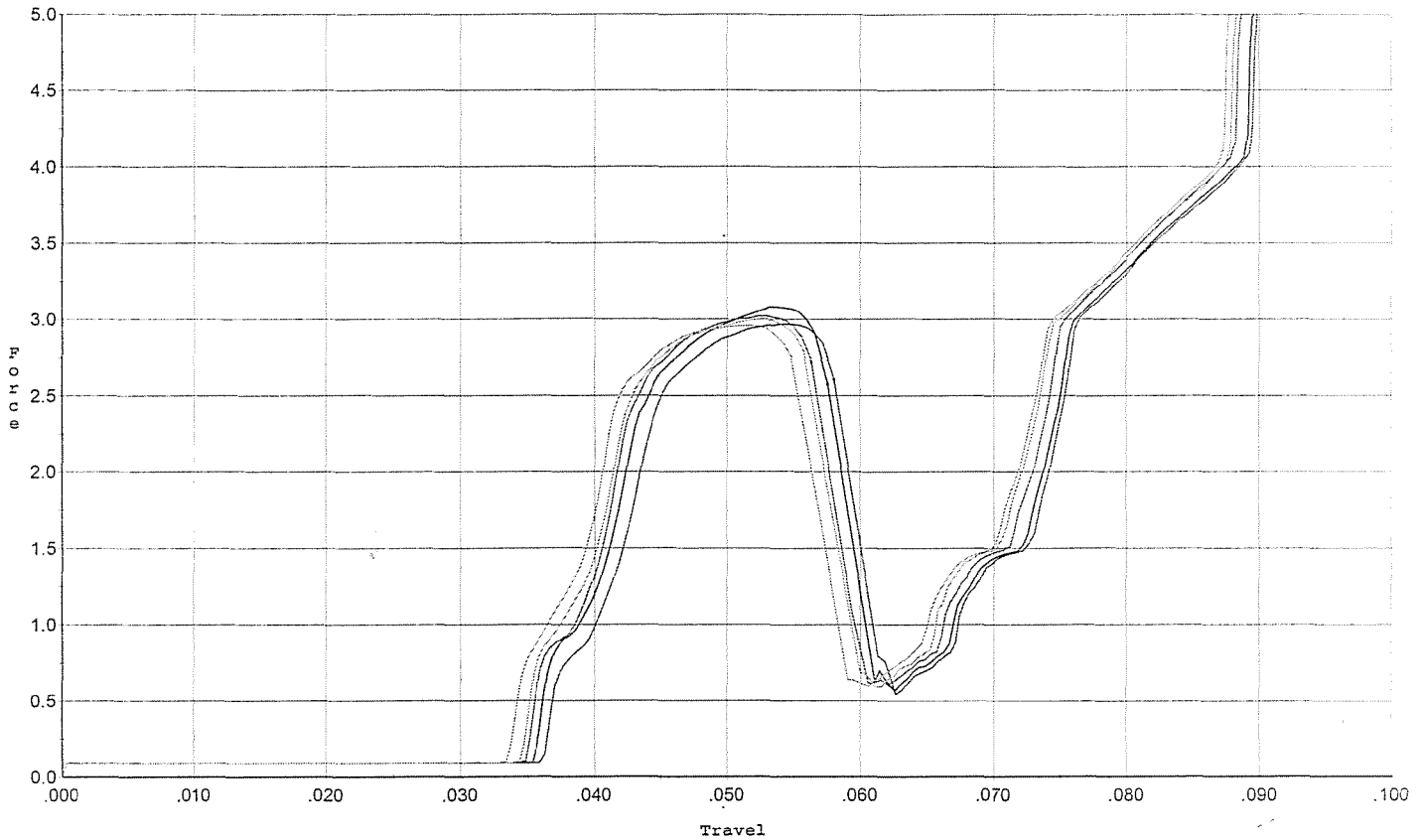
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.599	0.054	0.034	0.038	0.046		Set Trigger
2	2.543	0.054	0.034	0.038	0.045		Set Trigger
3	2.597	0.054	0.034	0.039	0.046		Set Trigger
4	2.670	0.054	0.033	0.038	0.048		Set Trigger
5	2.658	0.054	0.034	0.038	0.047		Set Trigger

Aug 2.61

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 12/28/06

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



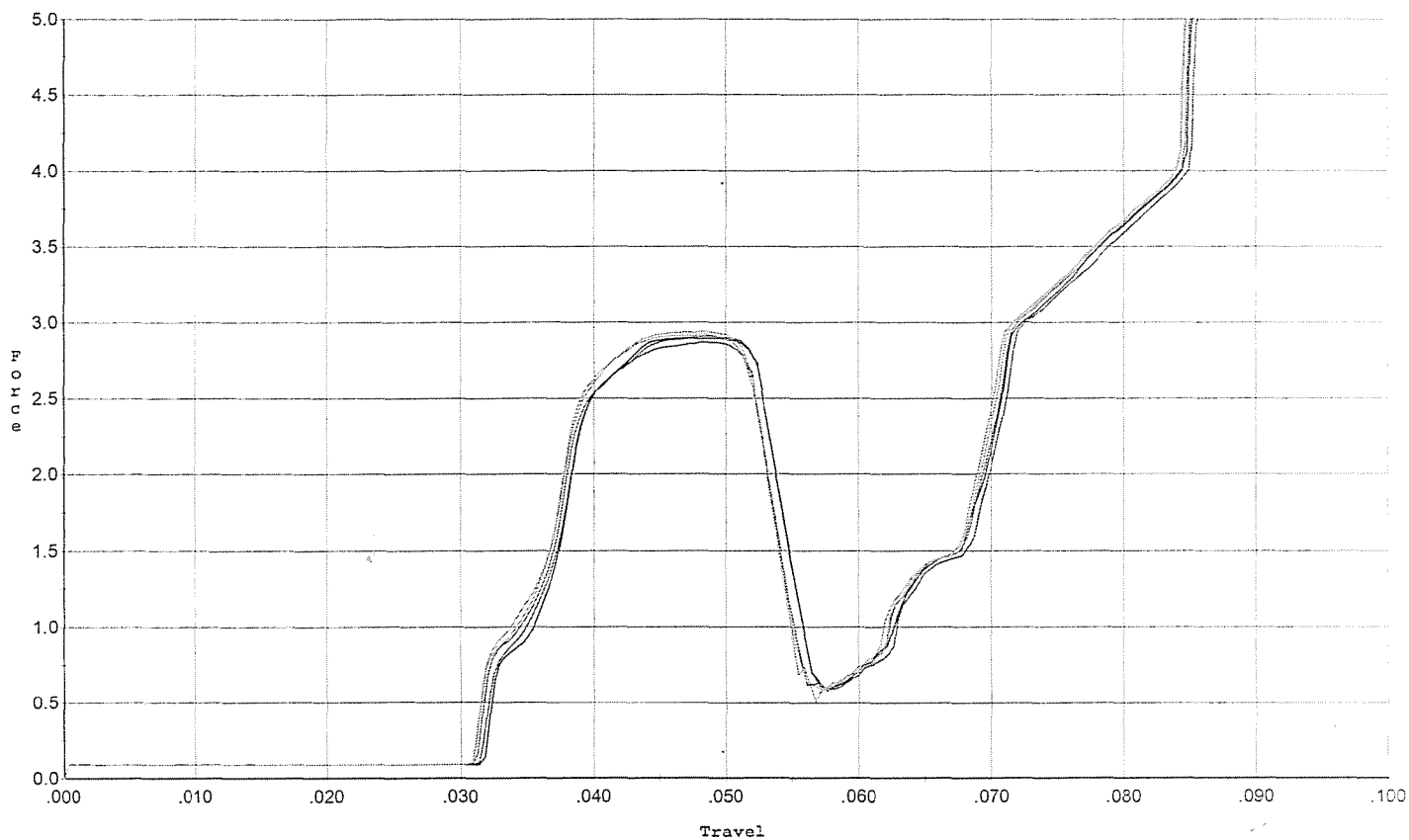
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.968	0.058	0.037	0.037	0.054		Set Trigger
2	3.082	0.058	0.036	0.037	0.056		Set Trigger
3	3.020	0.056	0.035	0.037	0.054		Set Trigger
4	3.001	0.056	0.035	0.037	0.054		Set Trigger
5	2.958	0.057	0.034	0.036	0.055		Set Trigger

Avg 3.00

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 12/28/06

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



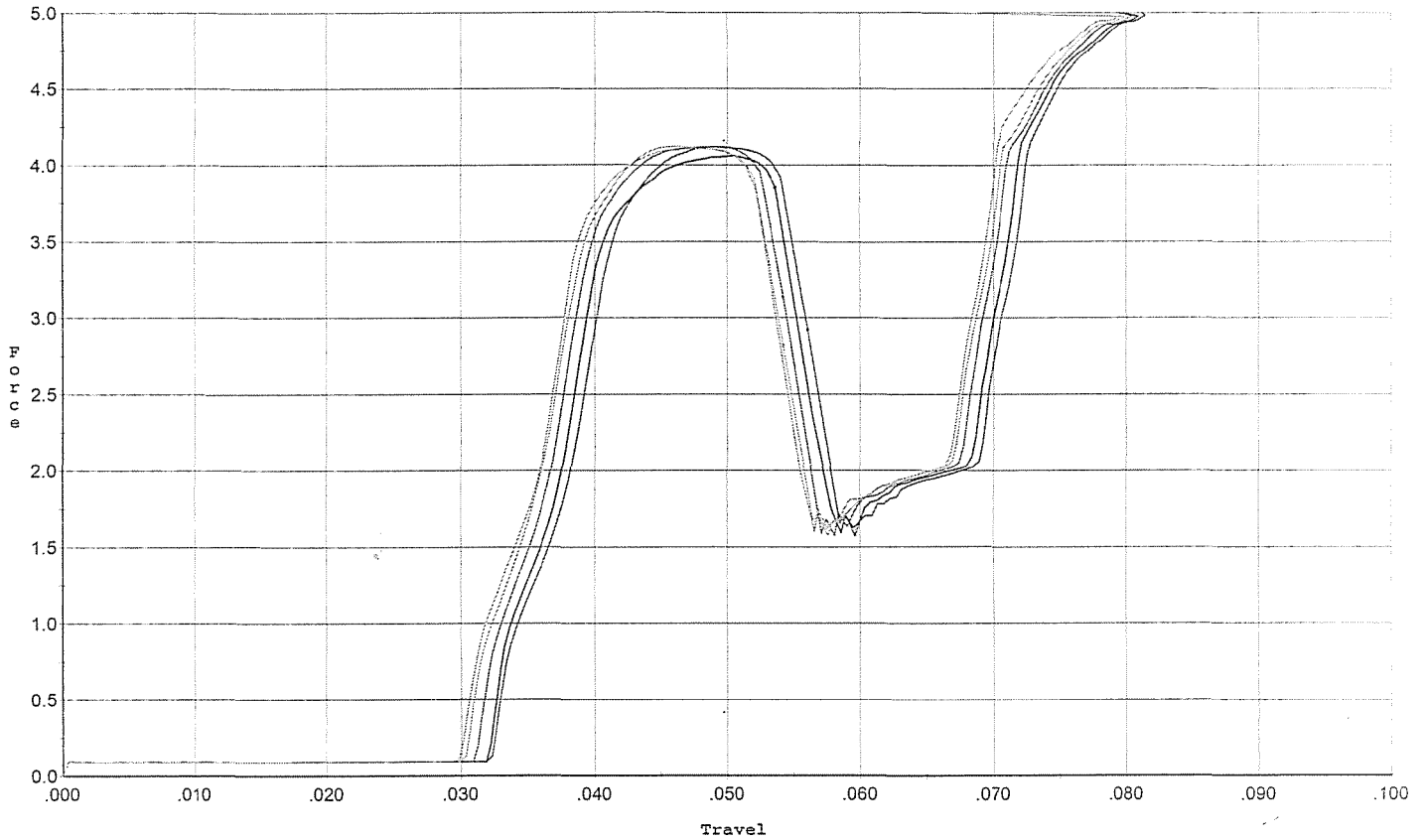
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.911	0.052	0.032	0.037	0.051		Set Trigger
2	2.898	0.052	0.032	0.037	0.051		Set Trigger
3	2.871	0.052	0.031	0.037	0.050		Set Trigger
4	2.939	0.052	0.031	0.036	0.052		Set Trigger
5	2.922	0.052	0.031	0.036	0.052		Set Trigger

Avg 2.90

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/28/06

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



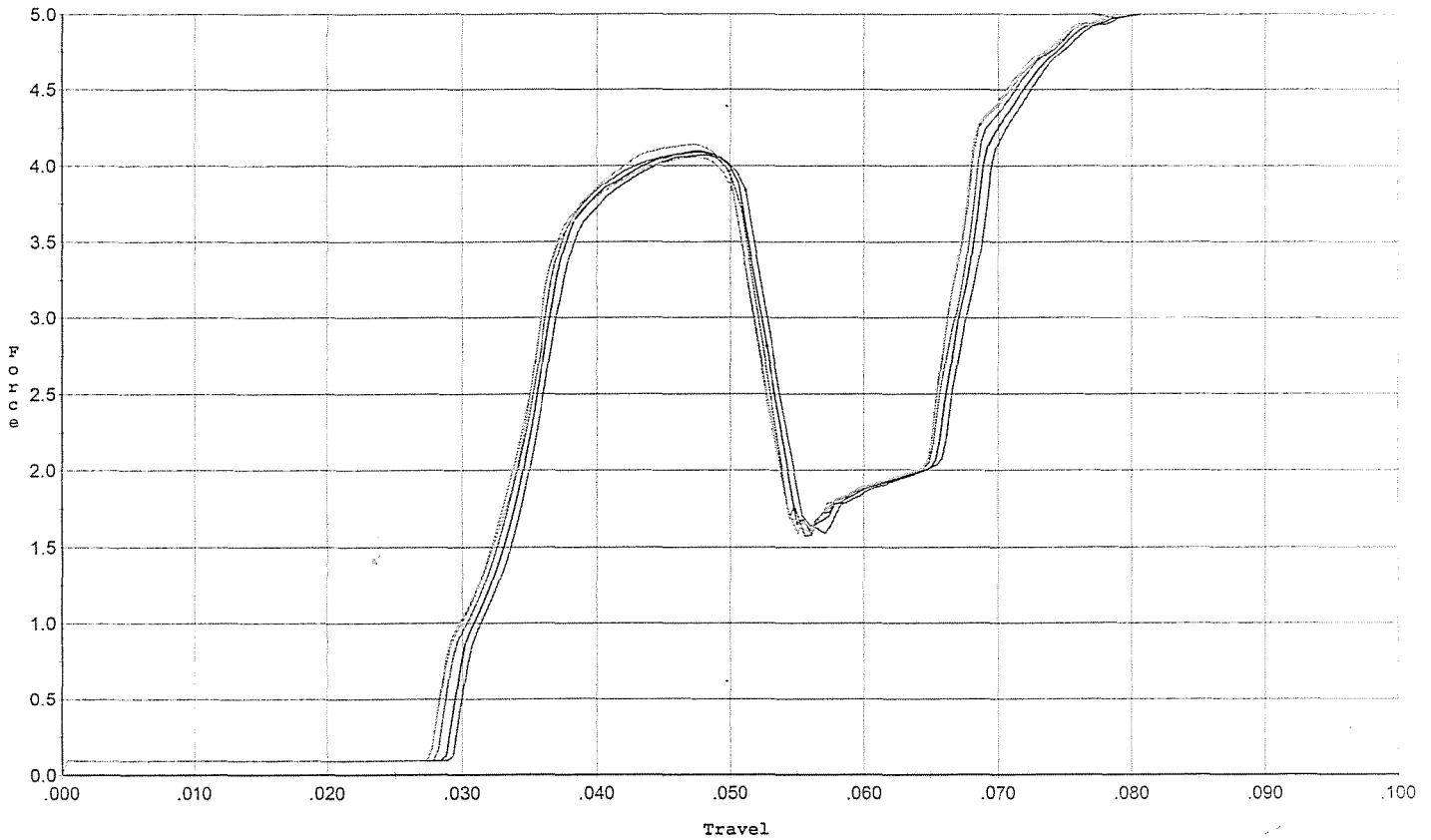
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.119	0.056	0.033	0.034	0.077		Set Trigger
2	4.060	0.054	0.032	0.034	0.074		Set Trigger
3	4.120	0.054	0.031	0.033	0.077		Set Trigger
4	4.123	0.054	0.031	0.033	0.078		Set Trigger
5	4.107	0.052	0.030	0.033	0.075		Set Trigger

Avg 4.10

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 12/28/06

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



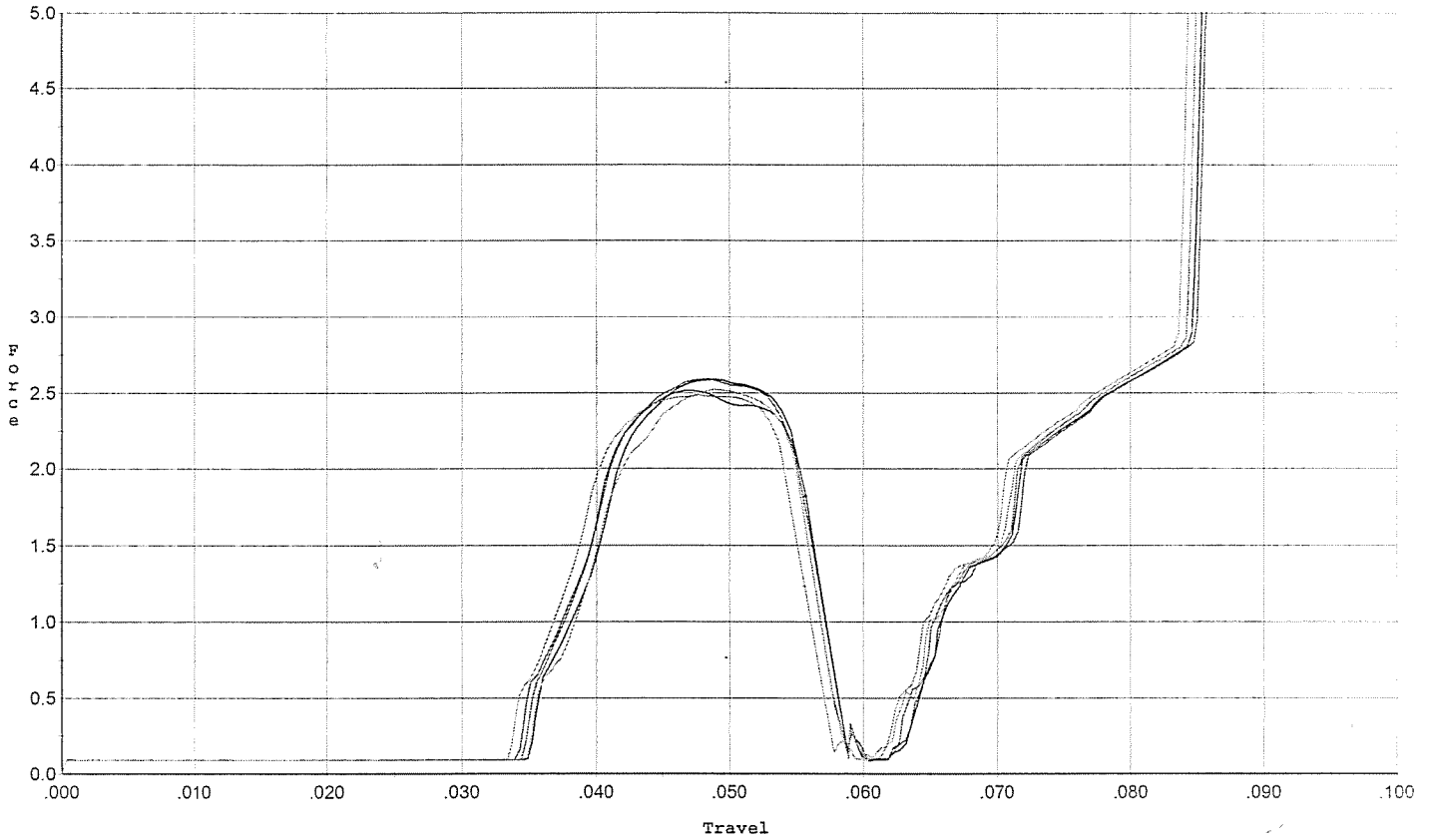
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.069	0.051	0.030	0.033	0.073		Set Trigger
2	4.096	0.053	0.029	0.033	0.077		Set Trigger
3	4.091	0.051	0.028	0.033	0.075		Set Trigger
4	4.139	0.050	0.028	0.033	0.074		Set Trigger
5	4.058	0.050	0.028	0.033	0.074		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/28/06

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



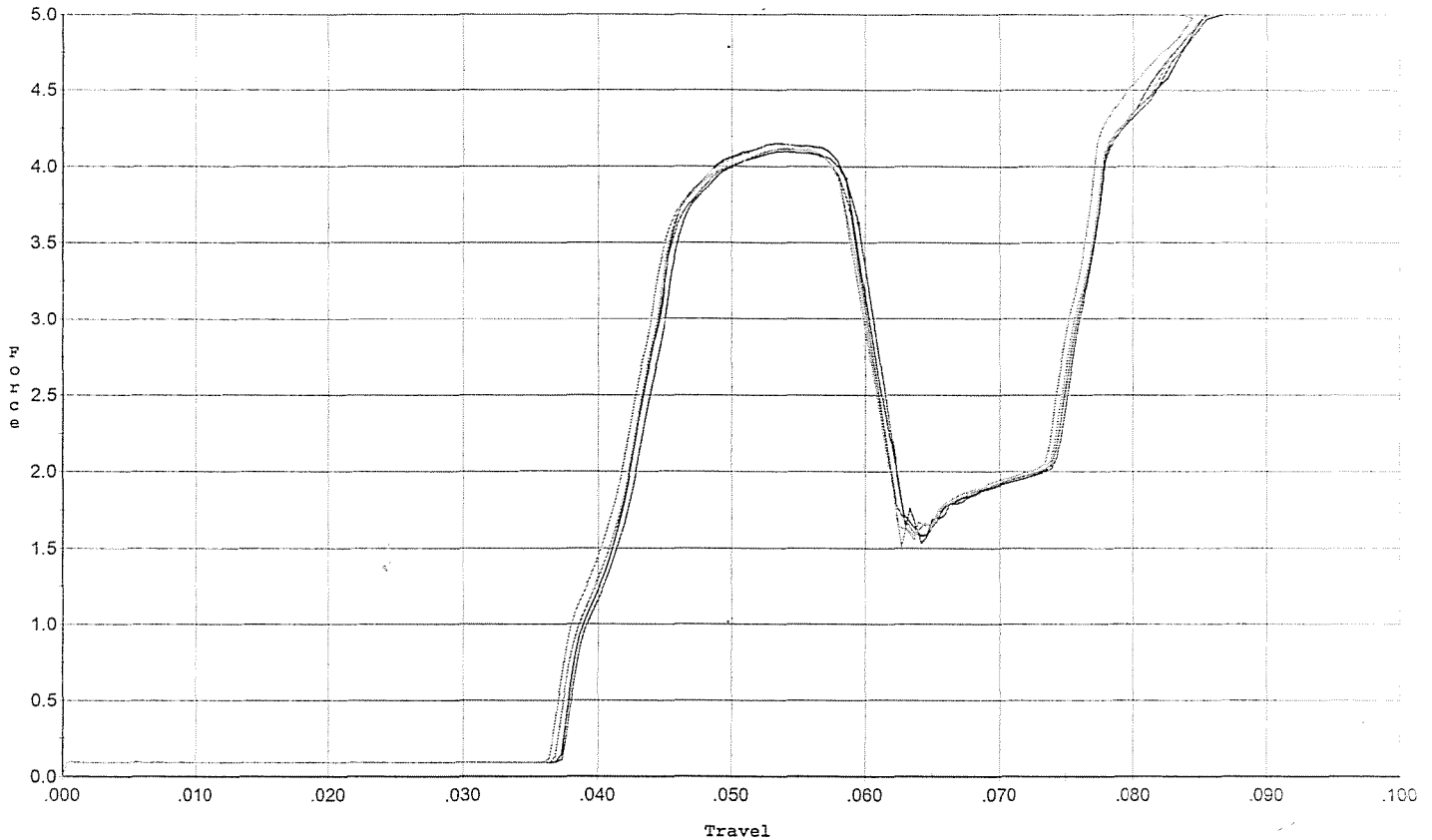
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.516	0.056	0.034	0.036	0.046		Set Trigger
2	2.588	0.056	0.035	0.036	0.045		Set Trigger
3	2.590	0.055	0.035	0.036	0.045		Set Trigger
4	2.520	0.055	0.035	0.036	0.043		Set Trigger
5	2.487	0.056	0.034	0.035	0.046		Set Trigger

Aug 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 12/28/06

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	4.099	0.059	0.038	0.035	0.076		Set Trigger
2	4.150	0.059	0.038	0.036	0.076		Set Trigger
3	4.118	0.059	0.037	0.036	0.076		Set Trigger
4	4.147	0.059	0.037	0.036	0.077		Set Trigger
5	4.112	0.060	0.037	0.035	0.079		Set Trigger

AVG 4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635119.___0
FILE DATE AND TIME: 01/10/2007 08:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

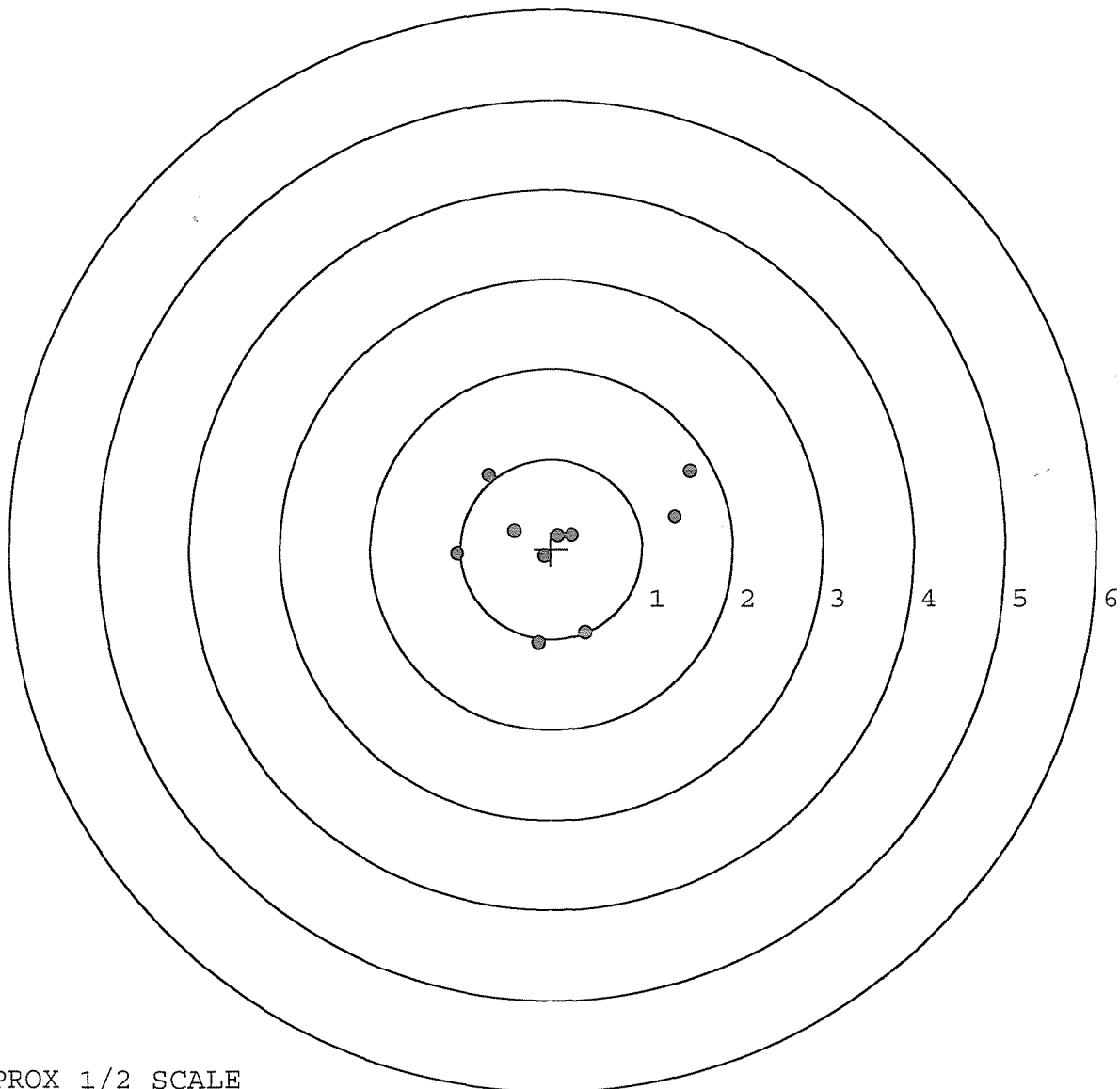
The Average X Centroid of the Five Target Set:	0.025
The Average Y Centroid of the Five Target Set:	-0.020
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.764
The Distance from POA to Centroid Target #1:	0.128
The Distance from Centroid Target #2 to Centroid Target #1:	0.224
The Distance from Centroid Target #3 to Centroid Target #1:	0.104
The Distance from Centroid Target #4 to Centroid Target #1:	0.218
The Distance from Centroid Target #5 to Centroid Target #1:	0.123

BARBER - M24 0142032

SERIAL NUMBER: G6635119. __0
TARGET NUMBER: 1
FILE DATE: 01/10/2007
FILE TIME: 08:40

X CENTROID: 0.121
Y CENTROID: 0.042
POA TO CENTROID: 0.128
HORZ SPREAD: 2.568
VERT SPREAD: 1.928
GROUP SPREAD: 2.735
MIN RADIUS: 0.110
MAX RADIUS: 1.639
MEAN RADIUS: 0.839
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.533	0.875
2:	1.356	0.366
3:	0.376	-0.933
4:	-0.146	-1.053
5:	-1.035	-0.066
6:	-0.687	0.826
7:	0.228	0.151
8:	-0.079	-0.086
9:	-0.412	0.194
10:	0.077	0.143



TARGET APPROX 1/2 SCALE

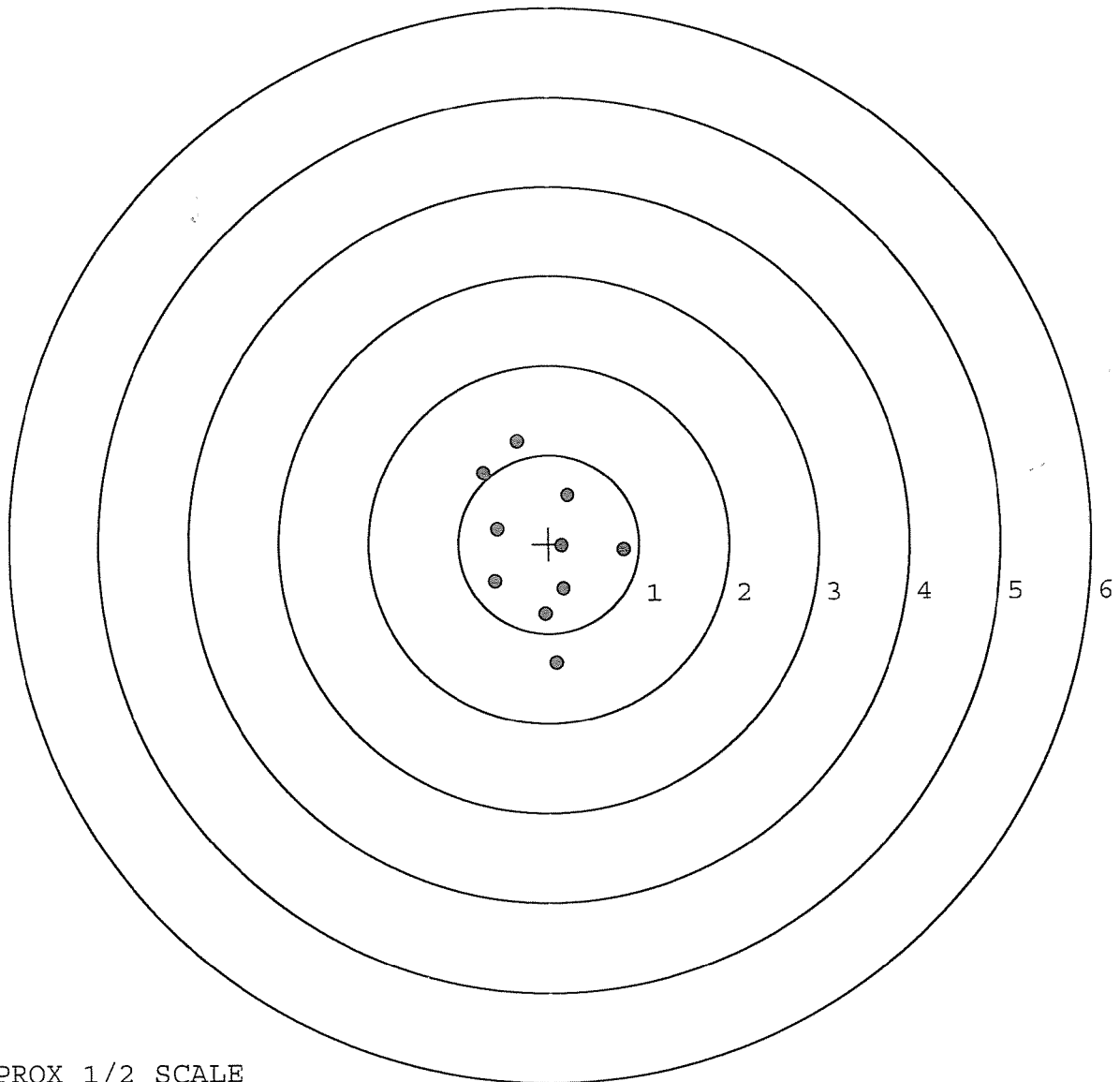
BARBER - M24 0142033

SERIAL NUMBER: G6635119. __0
TARGET NUMBER: 2
FILE DATE: 01/10/2007
FILE TIME: 08:40

X CENTROID: -0.085
Y CENTROID: -0.048
POA TO CENTROID: 0.097
HORZ SPREAD: 1.549
VERT SPREAD: 2.485
GROUP SPREAD: 2.522
MIN RADIUS: 0.229
MAX RADIUS: 1.296
MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.347	1.152
2:	-0.722	0.798
3:	0.213	0.543
4:	0.827	-0.069
5:	0.143	-0.023
6:	-0.567	0.166
7:	-0.597	-0.422
8:	0.084	-1.333
9:	-0.041	-0.792
10:	0.162	-0.502



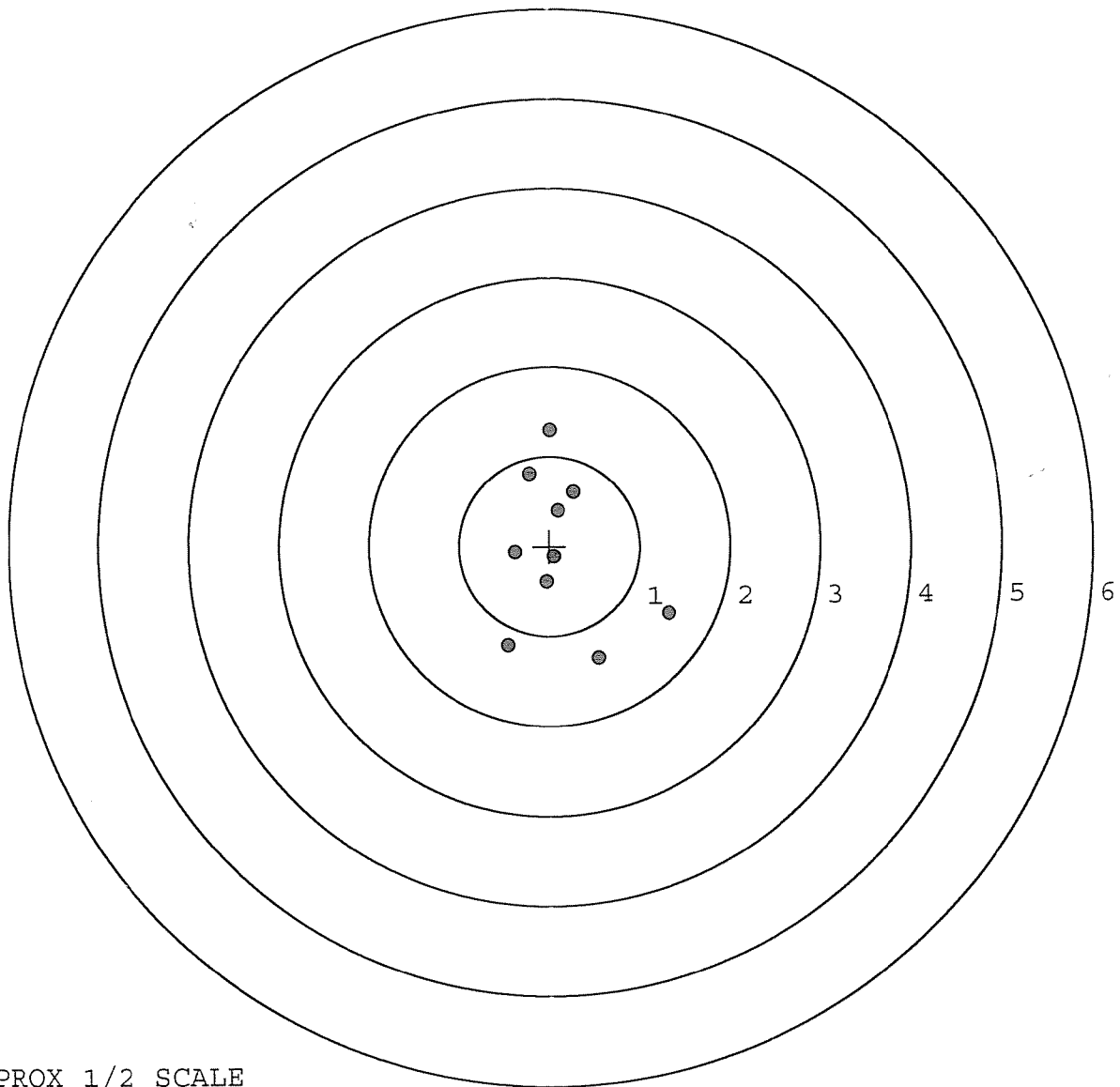
TARGET APPROX 1/2 SCALE

BARBER - M24 0142034

SERIAL NUMBER: G6635119. __0
TARGET NUMBER: 3
FILE DATE: 01/10/2007
FILE TIME: 08:40

X CENTROID: 0.119
Y CENTROID: -0.062
POA TO CENTROID: 0.134
HORZ SPREAD: 1.781
VERT SPREAD: 2.541
GROUP SPREAD: 2.432
MIN RADIUS: 0.085
MAX RADIUS: 1.389
MEAN RADIUS: 0.823
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.461	-1.111
2:	0.541	-1.253
3:	1.320	-0.760
4:	-0.036	-0.399
5:	0.053	-0.117
6:	-0.383	-0.073
7:	0.099	0.394
8:	0.267	0.606
9:	-0.221	0.801
10:	0.008	1.288



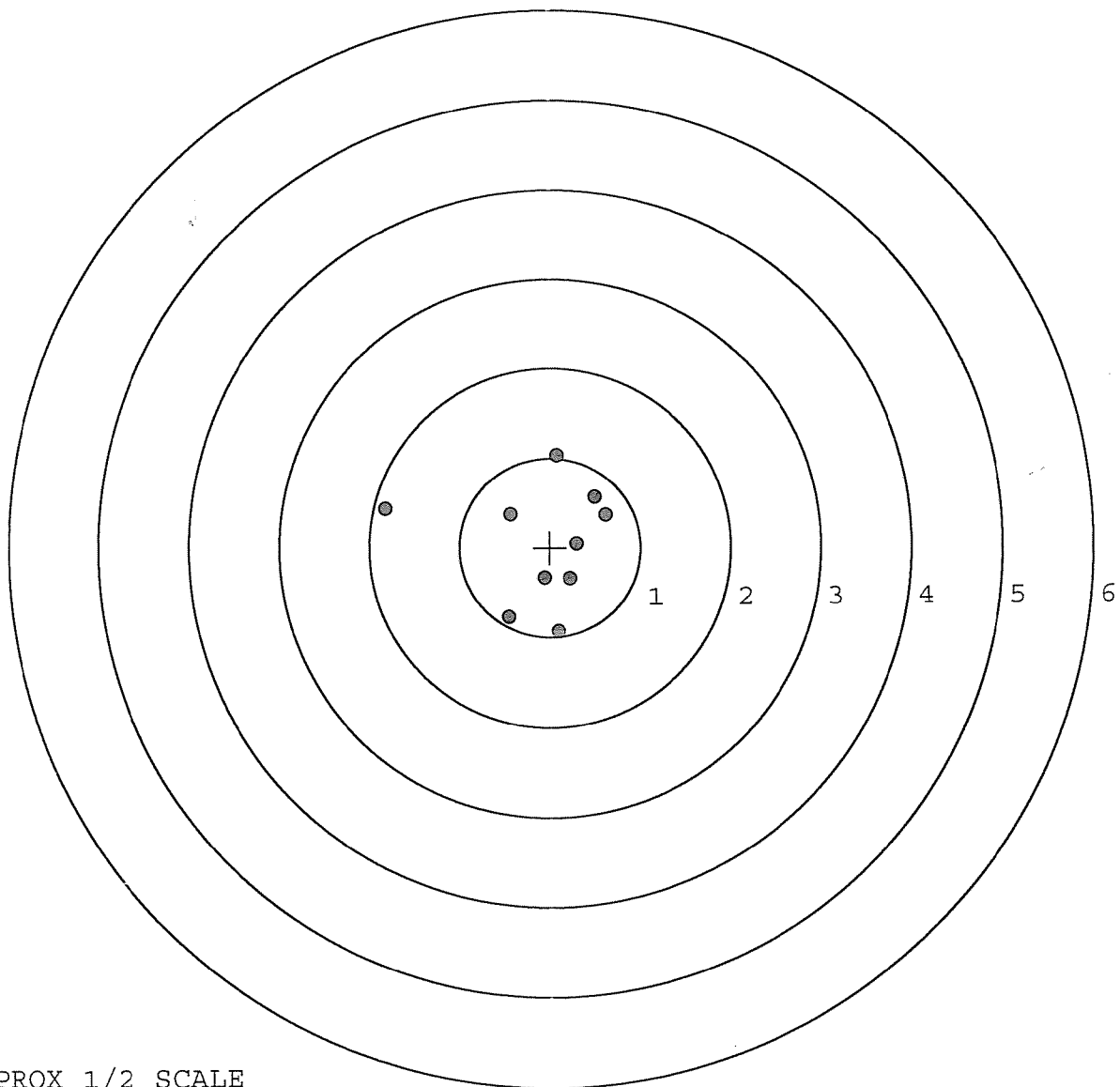
TARGET APPROX 1/2 SCALE

BARBER - M24 0142035

SERIAL NUMBER: G6635119. __0
TARGET NUMBER: 4
FILE DATE: 01/10/2007
FILE TIME: 08:40

X CENTROID: -0.097
Y CENTROID: 0.039
POA TO CENTROID: 0.105
HORZ SPREAD: 2.438
VERT SPREAD: 1.972
GROUP SPREAD: 2.439
MIN RADIUS: 0.382
MAX RADIUS: 1.770
MEAN RADIUS: 0.800
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.094	-0.944
2:	-0.456	-0.782
3:	0.221	-0.350
4:	-0.064	-0.342
5:	0.299	0.042
6:	0.616	0.362
7:	0.498	0.565
8:	0.076	1.028
9:	-0.434	0.372
10:	-1.822	0.437



TARGET APPROX 1/2 SCALE

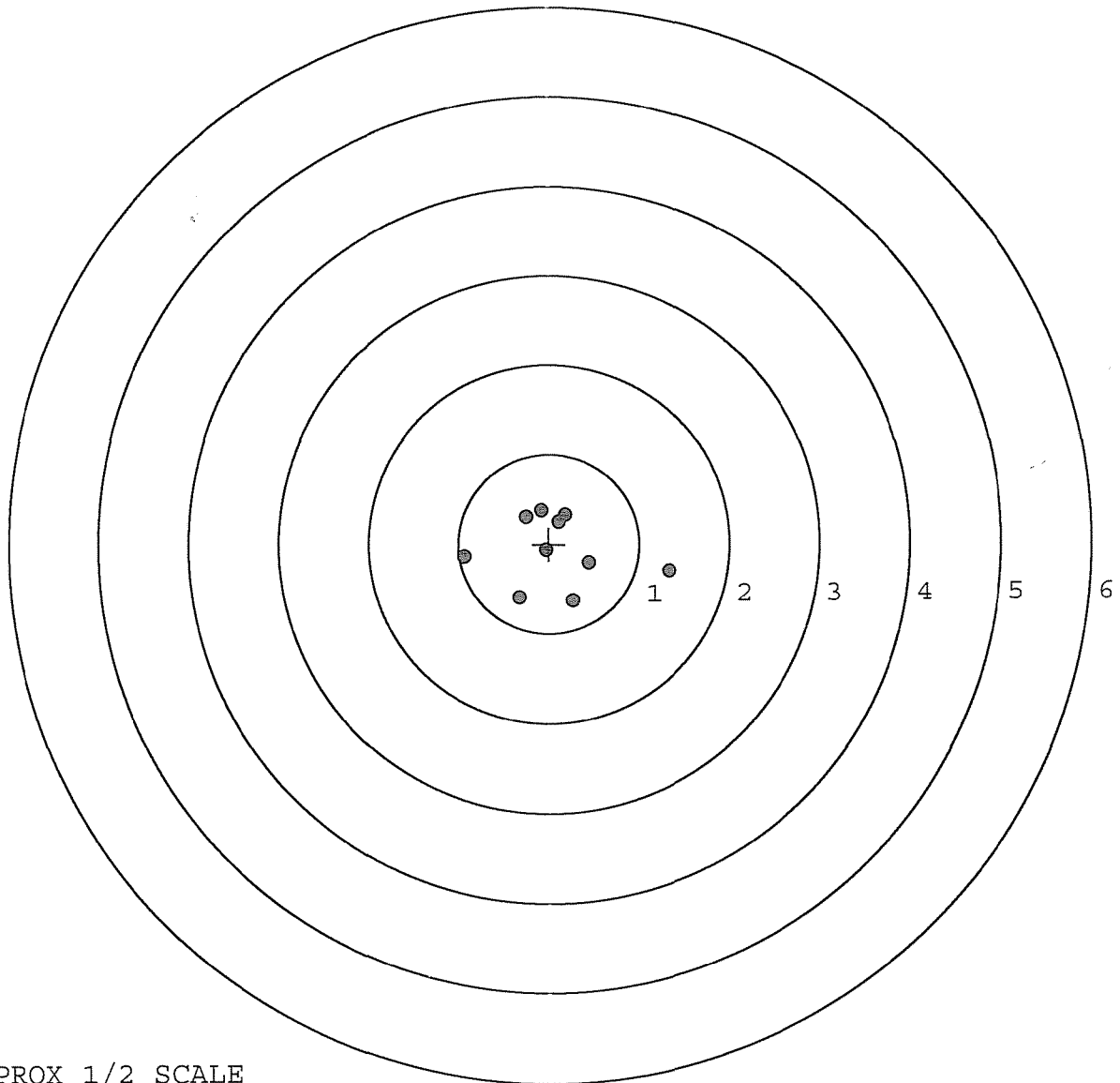
BARBER - M24 0142036

SERIAL NUMBER: G6635119. __ 0
TARGET NUMBER: 5
FILE DATE: 01/10/2007
FILE TIME: 08:40

X CENTROID: 0.069
Y CENTROID: -0.070
POA TO CENTROID: 0.098
HORZ SPREAD: 2.265
VERT SPREAD: 1.013
GROUP SPREAD: 2.270
MIN RADIUS: 0.107
MAX RADIUS: 1.282
MEAN RADIUS: 0.577

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.330	-0.301
2:	0.270	-0.636
3:	0.446	-0.209
4:	-0.330	-0.603
5:	-0.935	-0.144
6:	-0.038	-0.071
7:	0.182	0.331
8:	-0.087	0.377
9:	-0.258	0.305
10:	0.110	0.249



TARGET APPROX 1/2 SCALE