

BARBER - M24 0132585

66250995

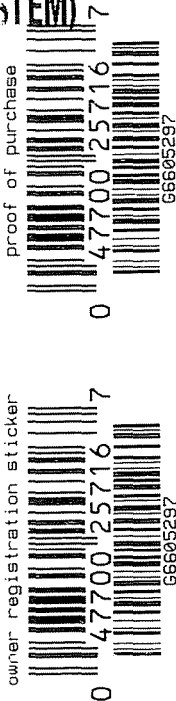
**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0132585 M2400132624

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

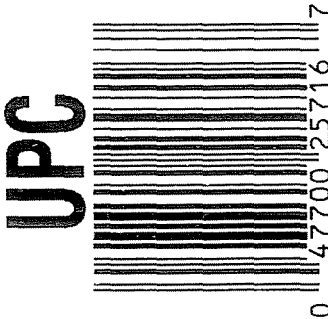
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6605297



BARBER - M24 0132587

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 043499132626

GUN SERIAL # G6605297

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-13-06	RTZ
420	ASSEMBLE ACTION		10-13-06	RTZ
430	ASSEMBLE TO STOCK		10-14-06	W/R
440	PROOF		10-16-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-16-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 17 2006	10-16-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	10-17-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-17-06	CW
510	DRILL AND TAP SIGHT HOLES		10-16-06	SD
520	GOFF BLAST BBL / REC		10-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/16/06	T-B
560	RE-ASSEMBLE ACTION		11-9-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-9-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-9-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-29-06	J.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			
F004 REV 5/2006				

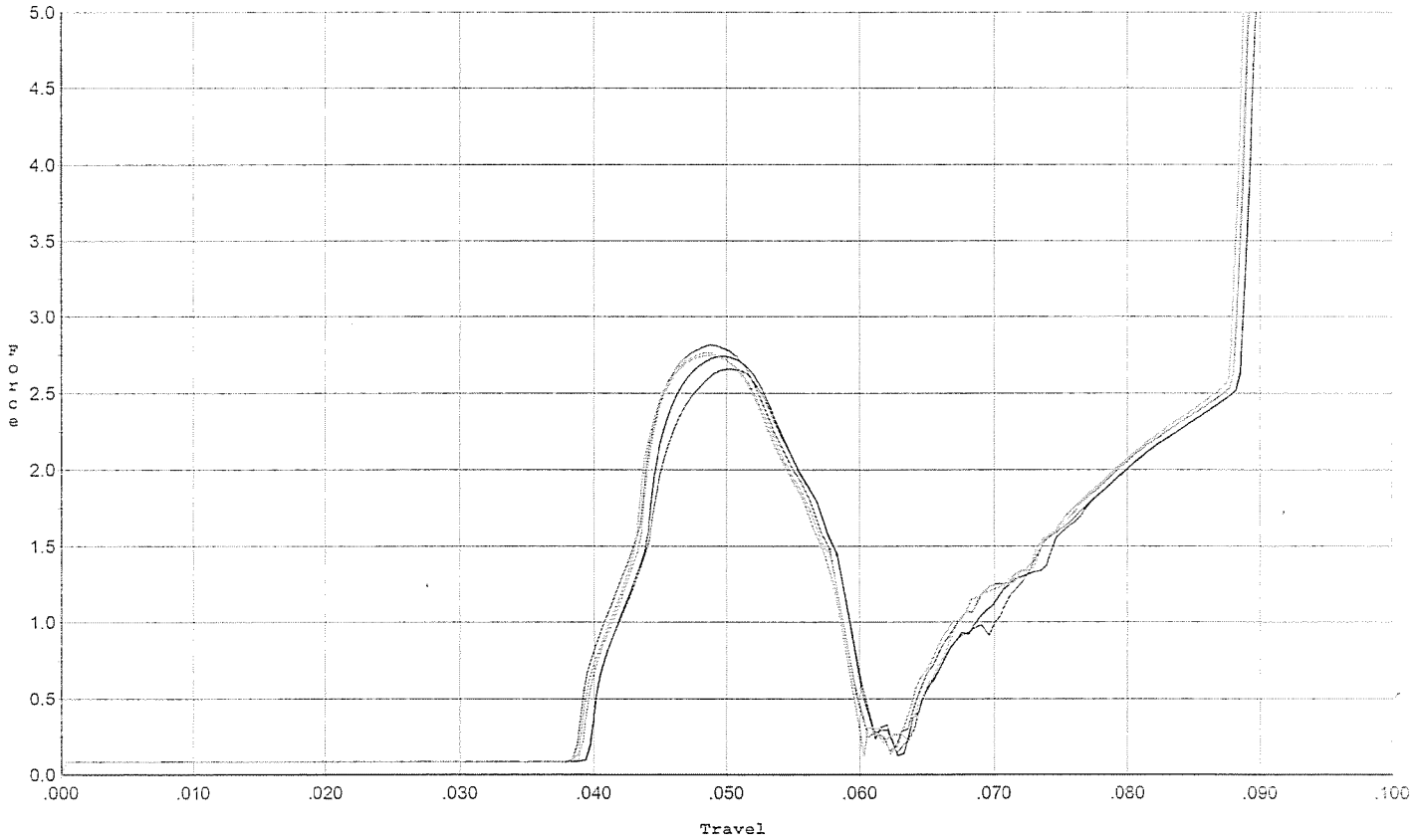
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>6.5</u> <u>6.5</u>	12-1-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.5</u> <u>2.5</u>	12-1-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0265</u> <u>.026</u> <u>.0265</u>	12-1-06	DA
	J) ASSEMBLE STOCK		11-29-06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		12-12-06	BLC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-12-06	BLC
	M) IRON SIGHT ALIGNMENT		12-12-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-12-06	BLC
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	11-30-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-30-06	RP
670	FINAL INSPECTION A) HEADSPACE		12-12-06	BLC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.31</u> <u>2.57</u> <u>2.35</u> <u>2.43</u> <u>2.59</u>	12-1-06	DA
	C) FUNCTION		12-12-06	BLC
690	PACK		1-30-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/07/06

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



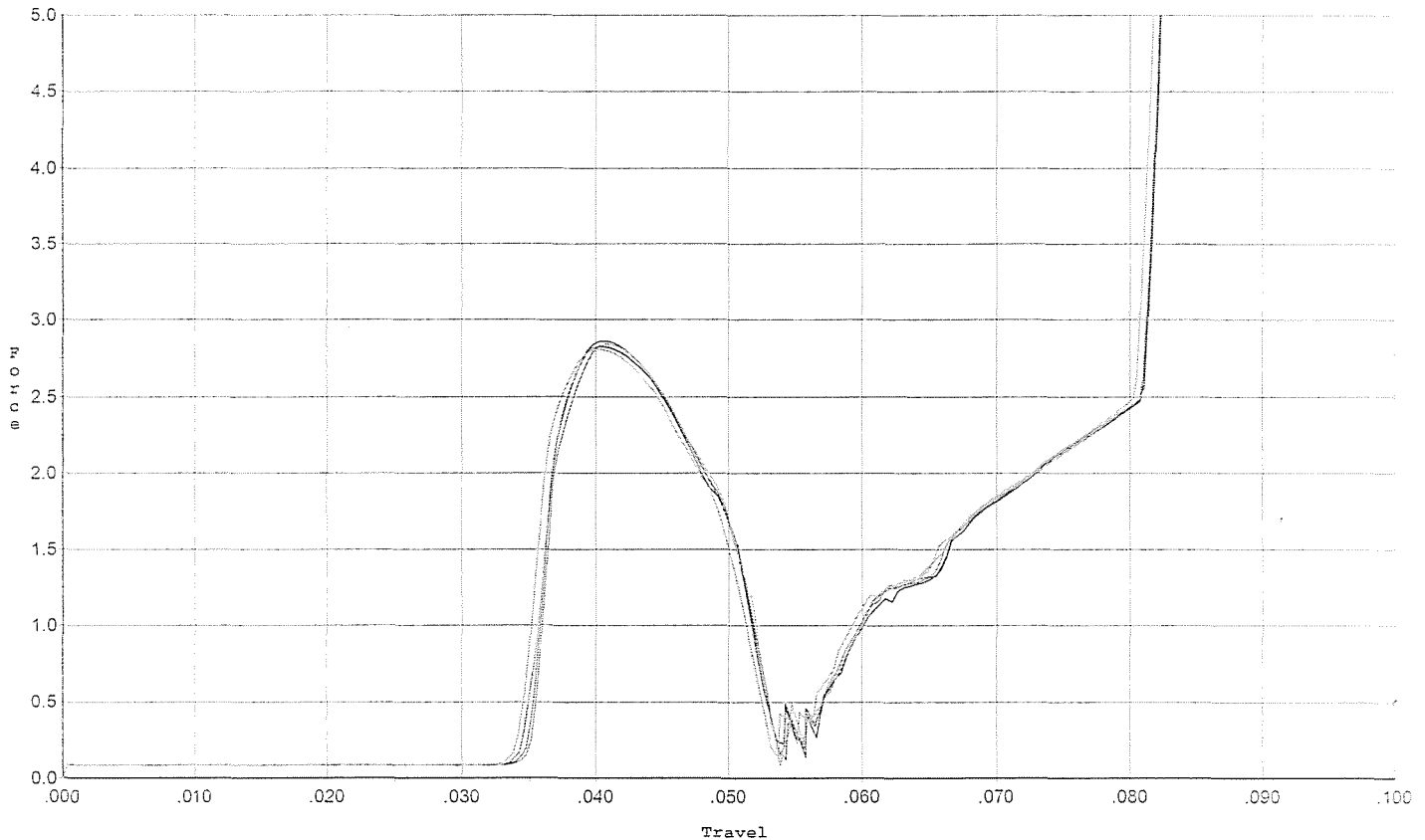
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.655	0.058	0.040	0.039	0.040		Set Trigger
2	2.742	0.058	0.040	0.039	0.041		Set Trigger
3	2.817	0.058	0.039	0.039	0.043		Set Trigger
4	2.749	0.058	0.039	0.039	0.041		Set Trigger
5	2.764	0.058	0.039	0.038	0.042		Set Trigger

Avg 2.74

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/07/06

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



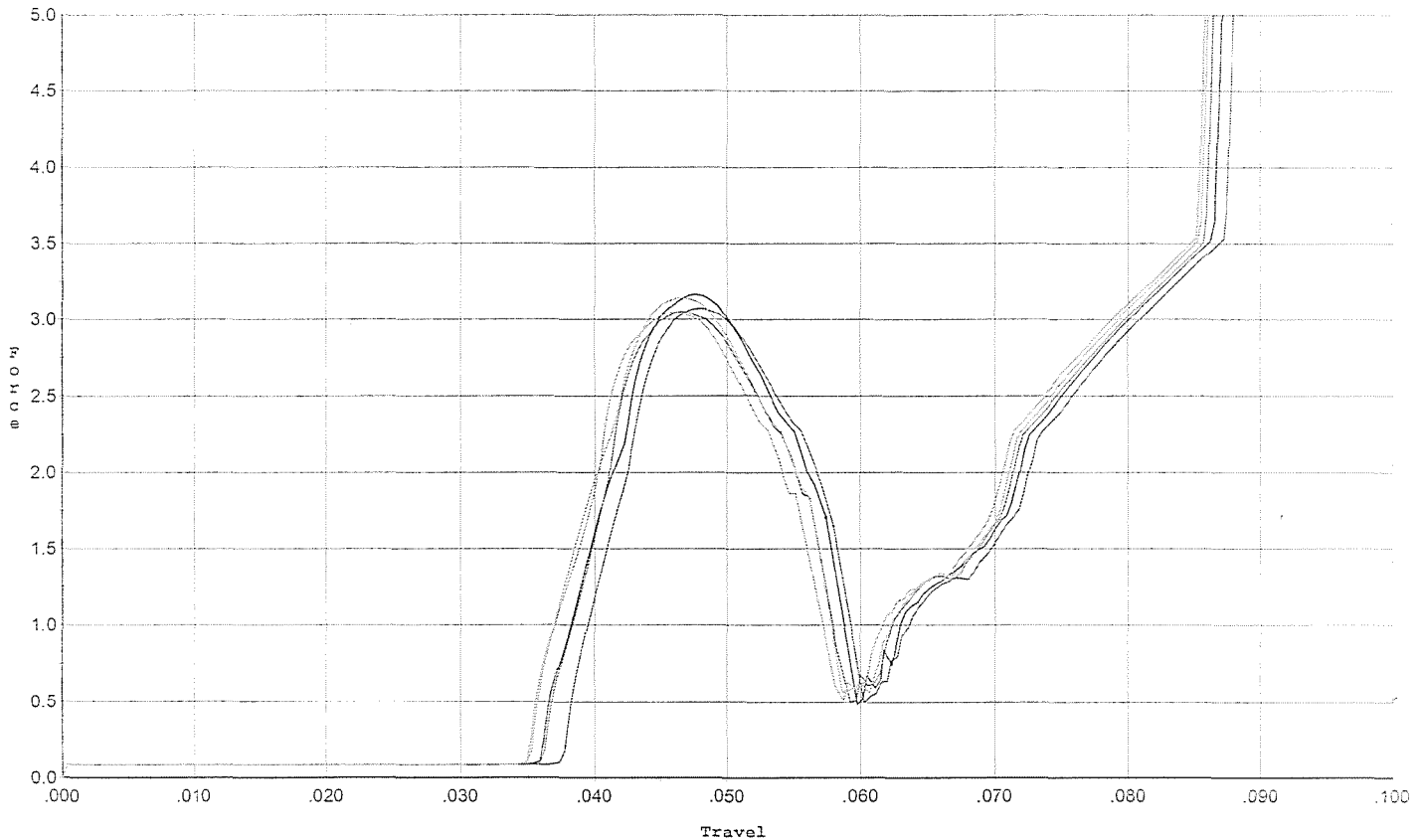
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.861	0.051	0.035	0.036	0.039		Set Trigger
2	2.826	0.051	0.035	0.036	0.039		Set Trigger
3	2.841	0.052	0.035	0.036	0.040		Set Trigger
4	2.839	0.052	0.035	0.036	0.040		Set Trigger
5	2.808	0.052	0.034	0.036	0.040		Set Trigger

Avg 2.83

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/07/06

Model: M24
Serial No: Form #F005
Trigger: 3.0 lbs. ini.



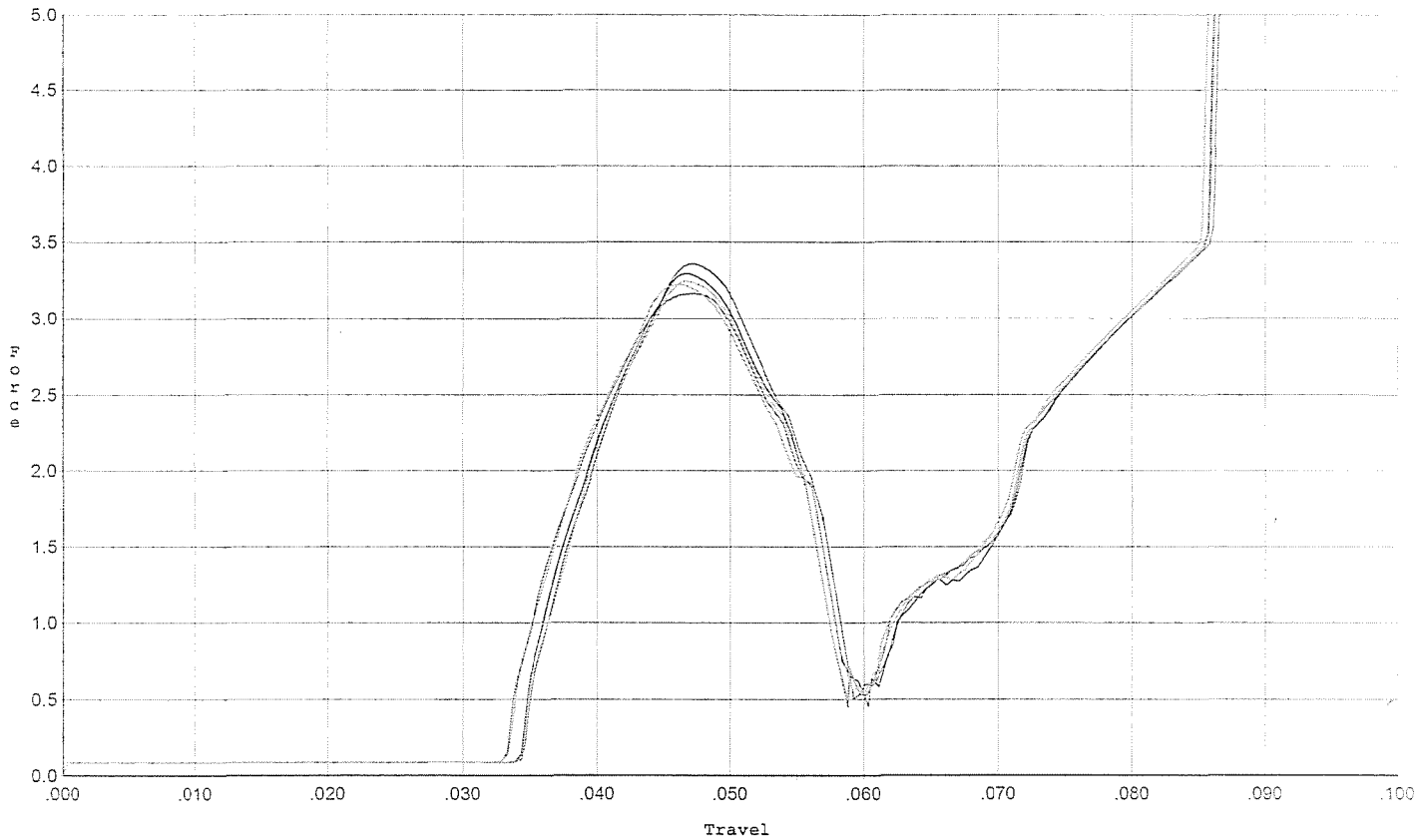
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.074	0.058	0.038	0.037	0.050		Set Trigger
2	3.166	0.057	0.036	0.036	0.052		Set Trigger
3	3.051	0.056	0.036	0.036	0.049		Set Trigger
4	3.143	0.056	0.035	0.036	0.052		Set Trigger
5	3.048	0.057	0.035	0.036	0.051		Set Trigger

309

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/07/06

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



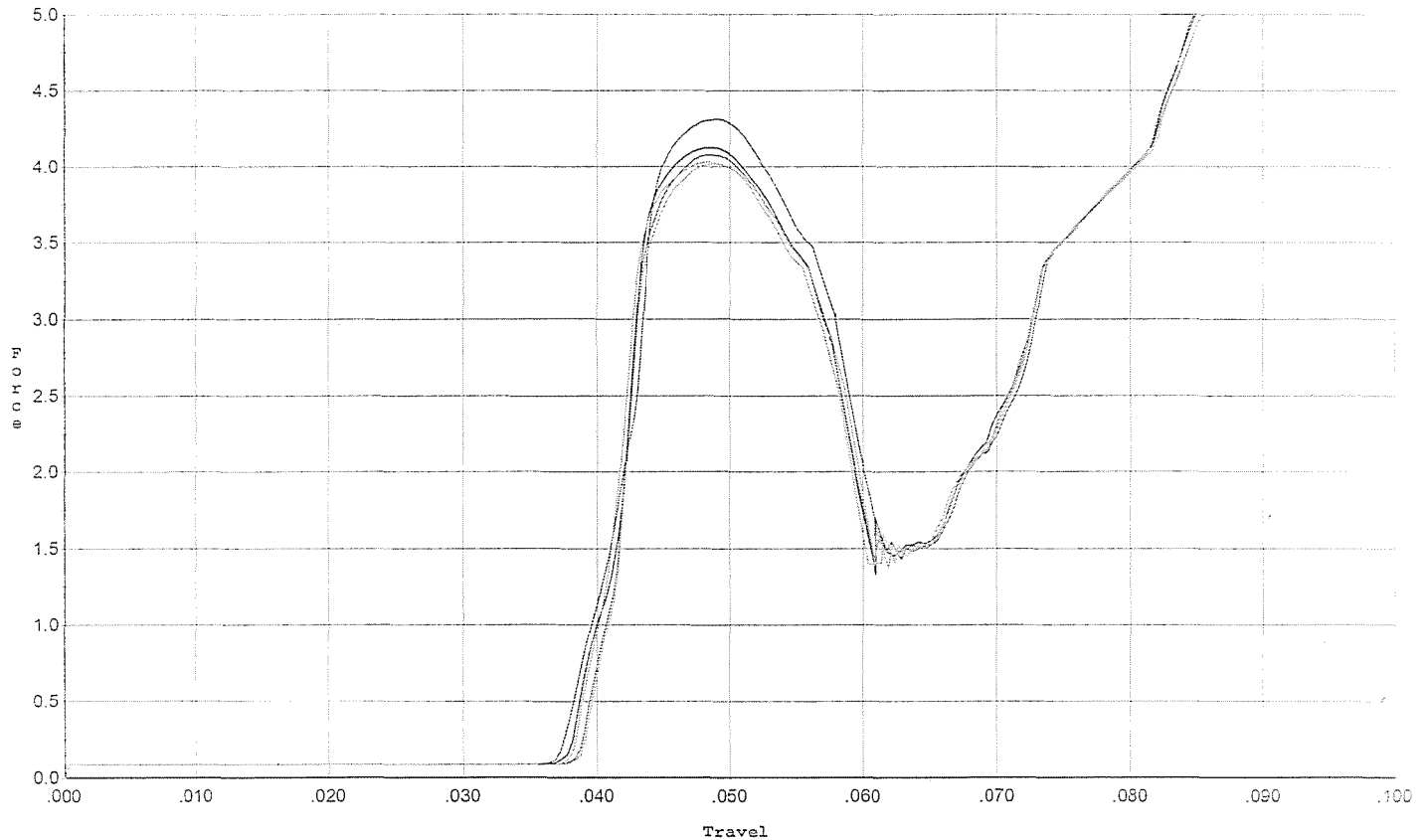
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.356	0.057	0.035	0.035	0.057		Set Trigger
2	3.294	0.056	0.035	0.036	0.056		Set Trigger
3	3.164	0.056	0.033	0.036	0.056		Set Trigger
4	3.246	0.056	0.035	0.036	0.055		Set Trigger
5	3.224	0.056	0.034	0.035	0.056		Set Trigger

Aug 325

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 11/07/06

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



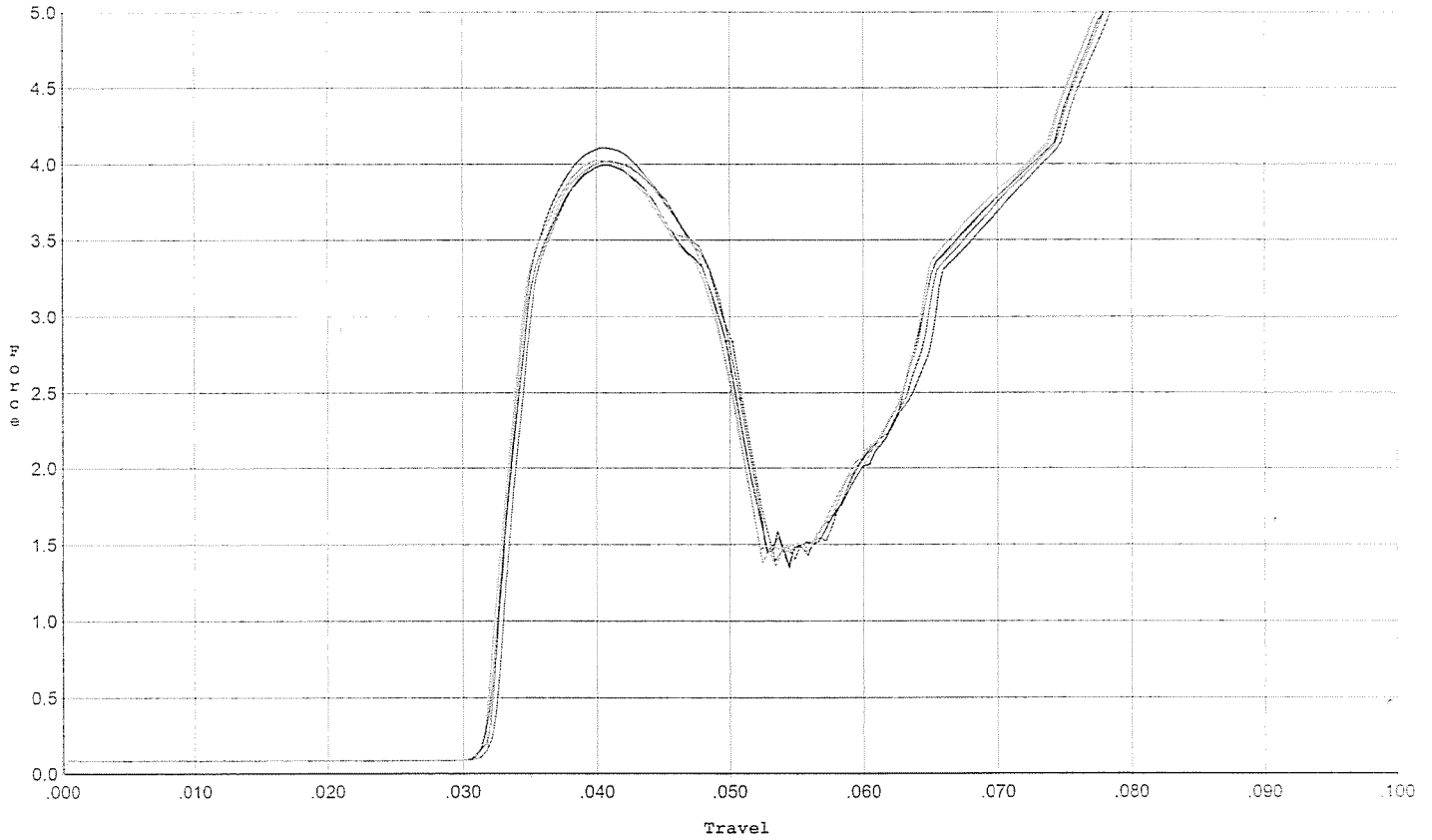
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.315	0.058	0.037	0.035	0.070		Set Trigger
2	4.128	0.058	0.038	0.035	0.067		Set Trigger
3	4.077	0.058	0.039	0.035	0.065		Set Trigger
4	4.016	0.059	0.039	0.034	0.066		Set Trigger
5	4.030	0.058	0.038	0.035	0.066		Set Trigger

Aug 4.11

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/07/06

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



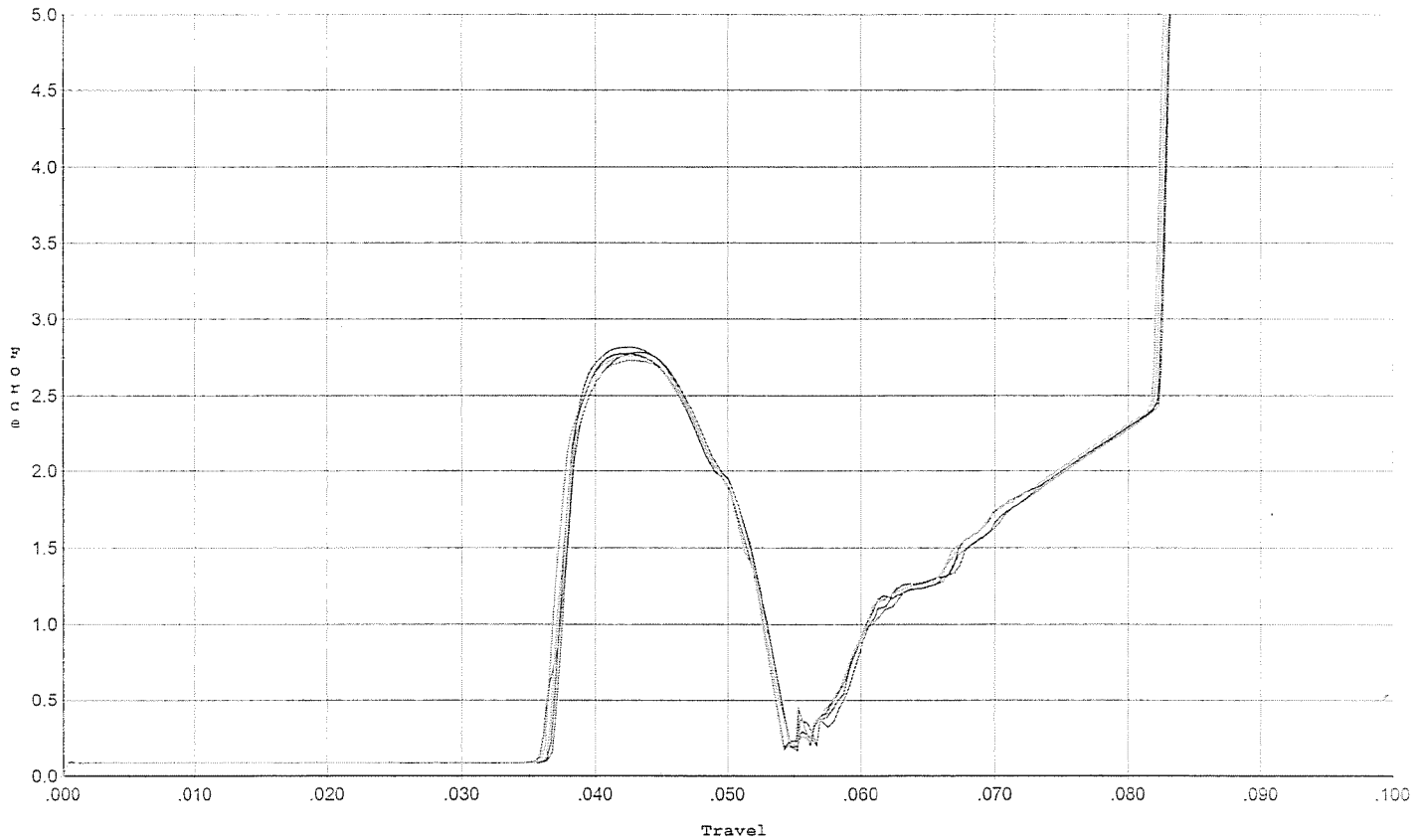
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.107	0.051	0.032	0.033	0.067		Set Trigger
2	3.995	0.050	0.031	0.033	0.063		Set Trigger
3	4.020	0.050	0.032	0.033	0.064		Set Trigger
4	4.026	0.050	0.032	0.033	0.065		Set Trigger
5	4.015	0.050	0.032	0.033	0.065		Set Trigger

AVG 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 11/07/06

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



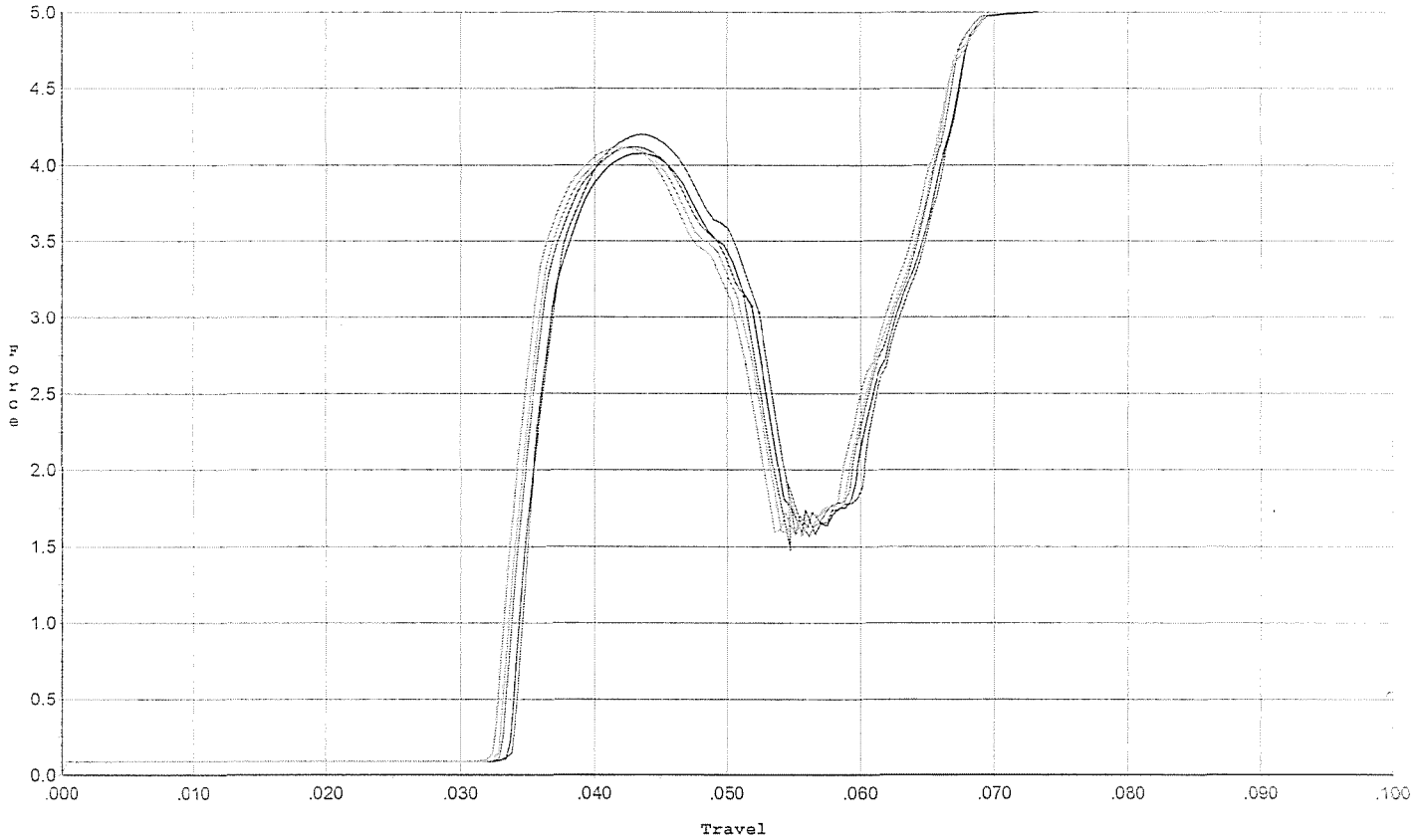
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.787	0.053	0.037	0.037	0.039		Set Trigger
2	2.776	0.052	0.037	0.037	0.038		Set Trigger
3	2.820	0.053	0.036	0.037	0.040		Set Trigger
4	2.732	0.052	0.037	0.037	0.038		Set Trigger
5	2.762	0.052	0.036	0.037	0.039		Set Trigger

Avg 2.77

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 11/07/06

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.201	0.052	0.034	0.034	0.069		Set Trigger
2	4.075	0.052	0.034	0.034	0.067		Set Trigger
3	4.121	0.051	0.033	0.033	0.067		Set Trigger
4	4.111	0.052	0.033	0.033	0.068		Set Trigger
5	4.119	0.051	0.033	0.033	0.068		Set Trigger

Aug 4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605297.___0
FILE DATE AND TIME: 11/30/2006 21:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

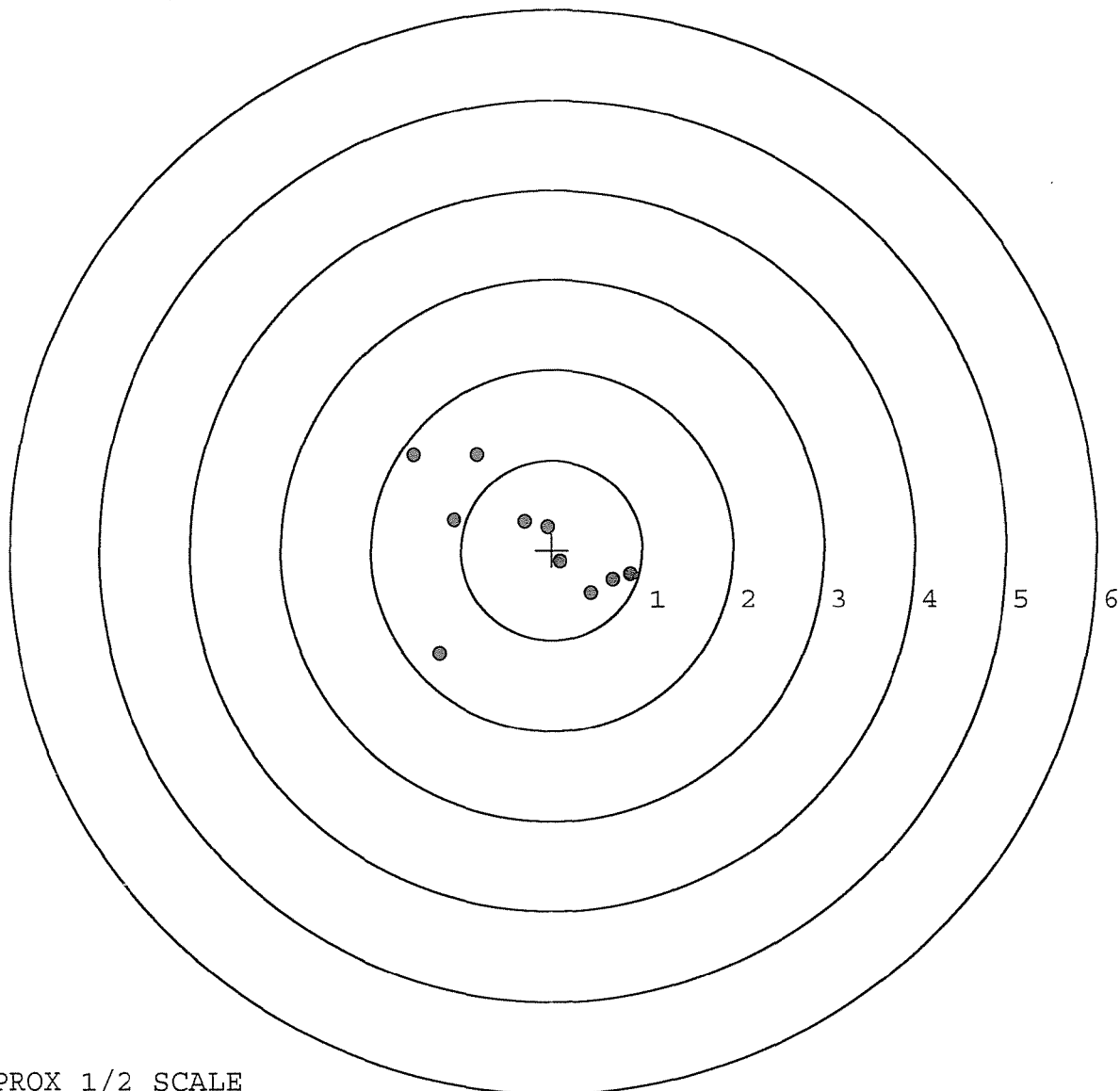
The Average X Centroid of the Five Target Set:	-0.090
The Average Y Centroid of the Five Target Set:	-0.115
The Average Point of Impact of the Five Target Set:	0.146
The Average Mean Radius of the Five Target Set:	0.629
The Distance from POA to Centroid Target #1:	0.301
The Distance from Centroid Target #2 to Centroid Target #1:	0.331
The Distance from Centroid Target #3 to Centroid Target #1:	0.609
The Distance from Centroid Target #4 to Centroid Target #1:	0.145
The Distance from Centroid Target #5 to Centroid Target #1:	0.294

BARBER - M24 0132599

SERIAL NUMBER: G6605297.____0
TARGET NUMBER: 1
FILE DATE: 11/30/2006
FILE TIME: 21:36

X CENTROID: -0.294
Y CENTROID: 0.065
POA TO CENTROID: 0.301
HORZ SPREAD: 2.396
VERT SPREAD: 2.223
GROUP SPREAD: 2.740
MIN RADIUS: 0.249
MAX RADIUS: 1.583
MEAN RADIUS: 0.925
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.869	-0.273
2:	0.678	-0.330
3:	0.436	-0.474
4:	0.098	-0.133
5:	-0.049	0.257
6:	-0.305	0.314
7:	-1.236	-1.159
8:	-1.082	0.327
9:	-0.820	1.064
10:	-1.527	1.057



TARGET APPROX 1/2 SCALE

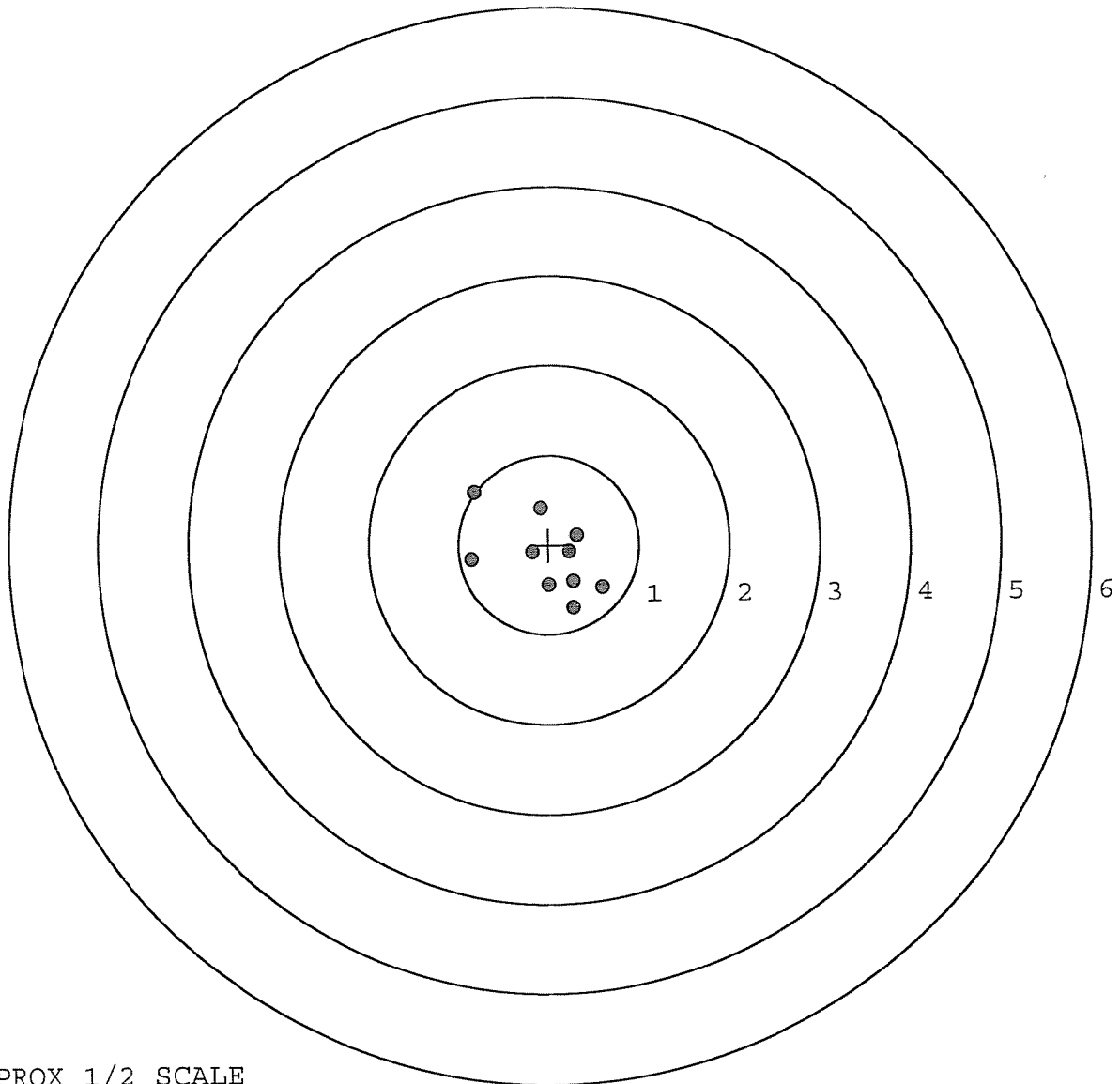
BARBER - M24 0132600

SERIAL NUMBER: G6605297. __0
TARGET NUMBER: 2
FILE DATE: 11/30/2006
FILE TIME: 21:36

X CENTROID: -0.025
Y CENTROID: -0.127
POA TO CENTROID: 0.130
HORZ SPREAD: 1.455
VERT SPREAD: 1.298
GROUP SPREAD: 1.776
MIN RADIUS: 0.163
MAX RADIUS: 1.069
MEAN RADIUS: 0.539

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.318	0.107
2:	0.231	-0.078
3:	0.600	-0.480
4:	0.279	-0.711
5:	-0.004	-0.452
6:	-0.182	-0.083
7:	-0.855	-0.162
8:	-0.087	0.409
9:	-0.820	0.587
10:	0.274	-0.409



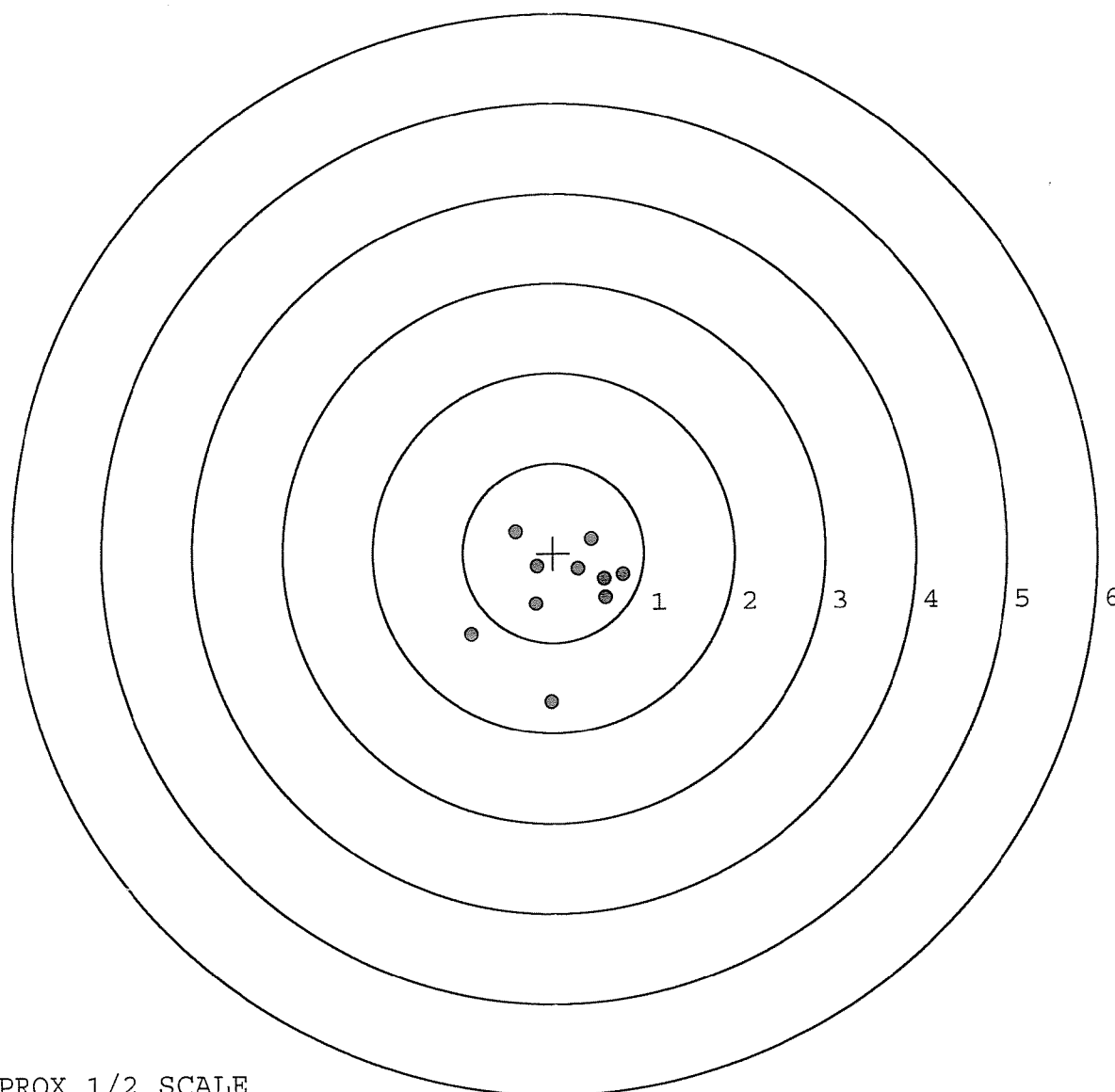
TARGET APPROX 1/2 SCALE

BARBER - M24 0132601

SERIAL NUMBER: G6605297. __0
TARGET NUMBER: 3
FILE DATE: 11/30/2006
FILE TIME: 21:36

X CENTROID: 0.087
Y CENTROID: -0.410
POA TO CENTROID: 0.419
HORZ SPREAD: 1.683
VERT SPREAD: 1.898
GROUP SPREAD: 1.937
MIN RADIUS: 0.304
MAX RADIUS: 1.256
MEAN RADIUS: 0.655
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.415	0.237
2:	-0.912	-0.909
3:	-0.027	-1.661
4:	0.771	-0.243
5:	0.574	-0.499
6:	0.278	-0.174
7:	0.421	0.157
8:	-0.181	-0.147
9:	-0.198	-0.573
10:	0.561	-0.289



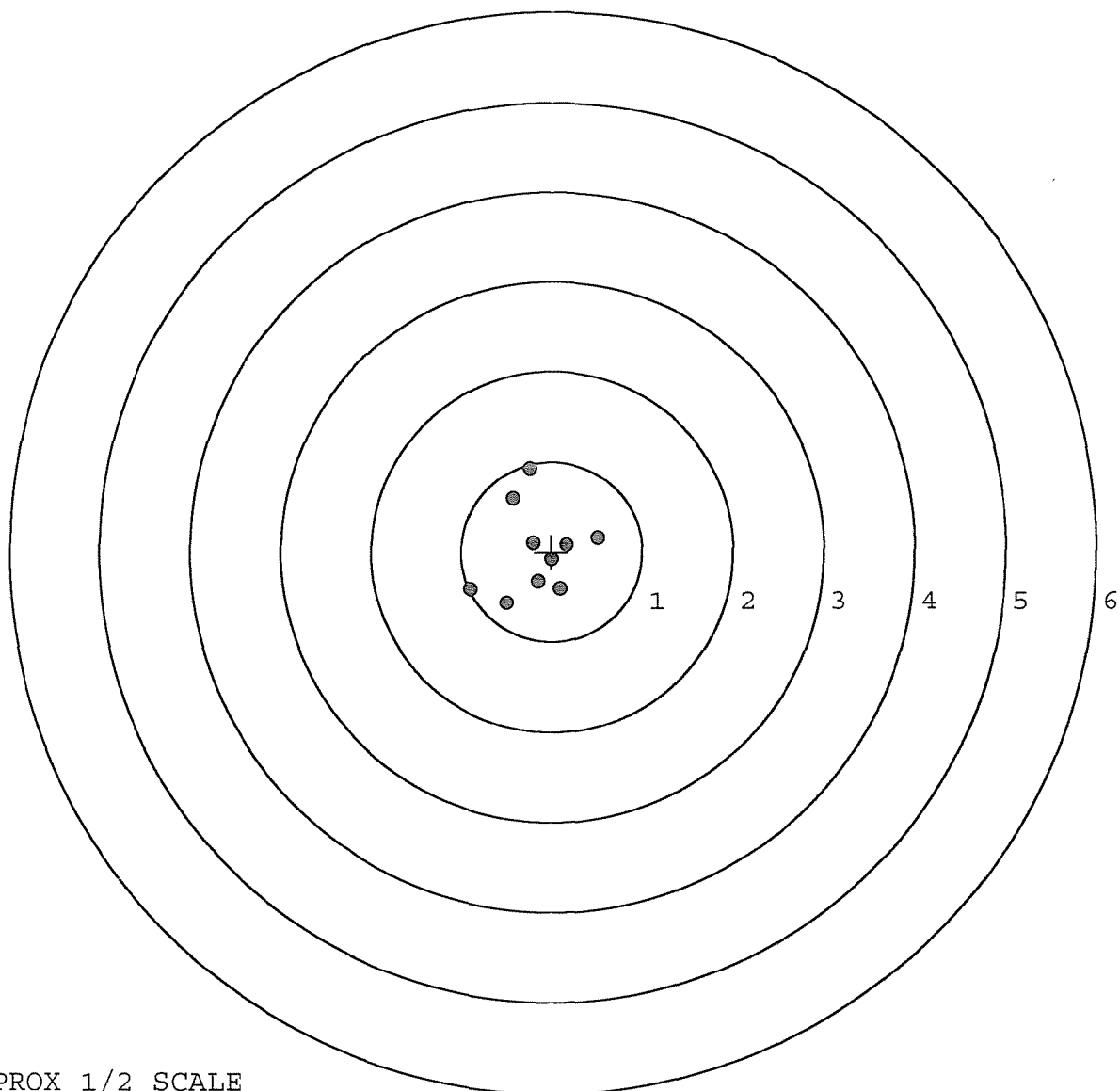
TARGET APPROX 1/2 SCALE

BARBER - M24 0132602

SERIAL NUMBER: G6605297. __0
TARGET NUMBER: 4
FILE DATE: 11/30/2006
FILE TIME: 21:36

X CENTROID: -0.164
Y CENTROID: 0.000
POA TO CENTROID: 0.164
HORZ SPREAD: 1.405
VERT SPREAD: 1.505
GROUP SPREAD: 1.526
MIN RADIUS: 0.109
MAX RADIUS: 0.929
MEAN RADIUS: 0.525
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.243	0.926
2:	-0.430	0.589
3:	-0.897	-0.421
4:	-0.495	-0.579
5:	-0.209	0.099
6:	-0.148	-0.336
7:	0.097	-0.415
8:	0.006	-0.093
9:	0.172	0.074
10:	0.508	0.157



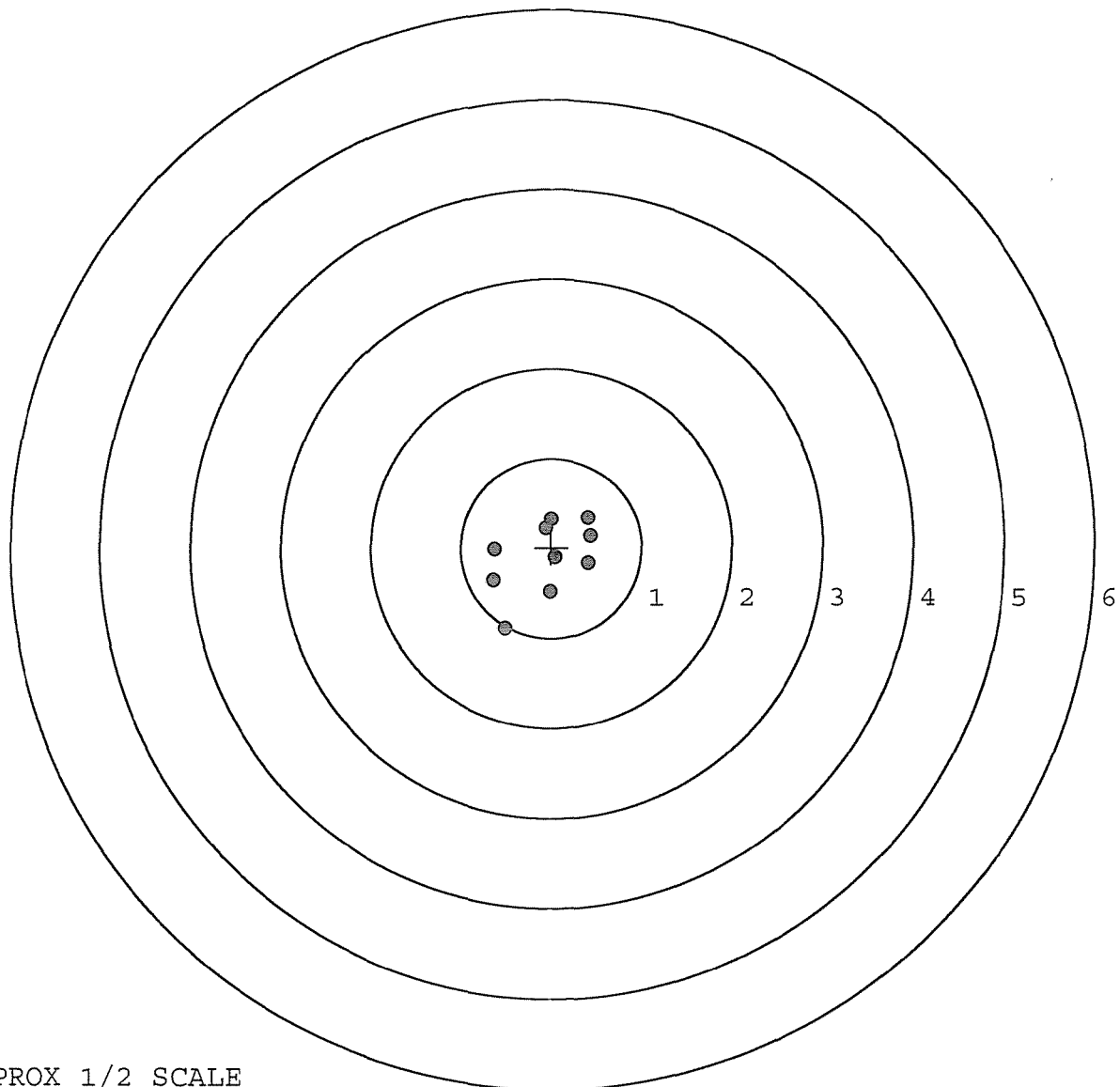
TARGET APPROX 1/2 SCALE

BARBER - M24 0132603

SERIAL NUMBER: G6605297. __0
TARGET NUMBER: 5
FILE DATE: 11/30/2006
FILE TIME: 21:36

X CENTROID: -0.054
Y CENTROID: -0.104
POA TO CENTROID: 0.117
HORZ SPREAD: 1.071
VERT SPREAD: 1.229
GROUP SPREAD: 1.535
MIN RADIUS: 0.100
MAX RADIUS: 0.912
MEAN RADIUS: 0.502
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.624	-0.022
2:	-0.637	-0.362
3:	-0.510	-0.894
4:	-0.008	-0.492
5:	0.419	-0.171
6:	0.046	-0.108
7:	-0.062	0.216
8:	-0.006	0.319
9:	0.410	0.335
10:	0.434	0.138



TARGET APPROX 1/2 SCALE