

BARBER - M24 0132723

66605305

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

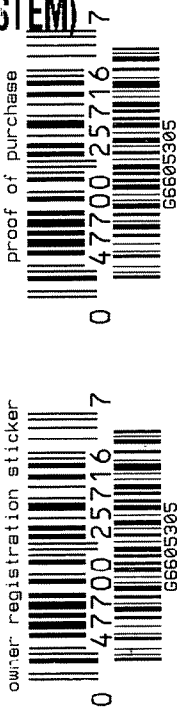
BARBER - M24 0132723

M2400132762

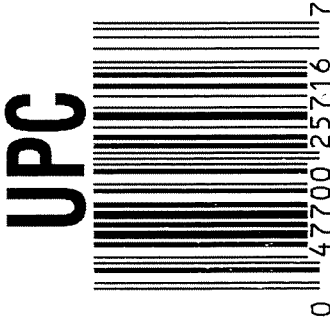
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6
G6605305	



BARBER - M24 0132725

ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0132725 042400132764

GUN SERIAL # G660 5305

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		10-16-06	WRC
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)		10/20/06	FB
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	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/20/06	man
F004 REV 5/2006				

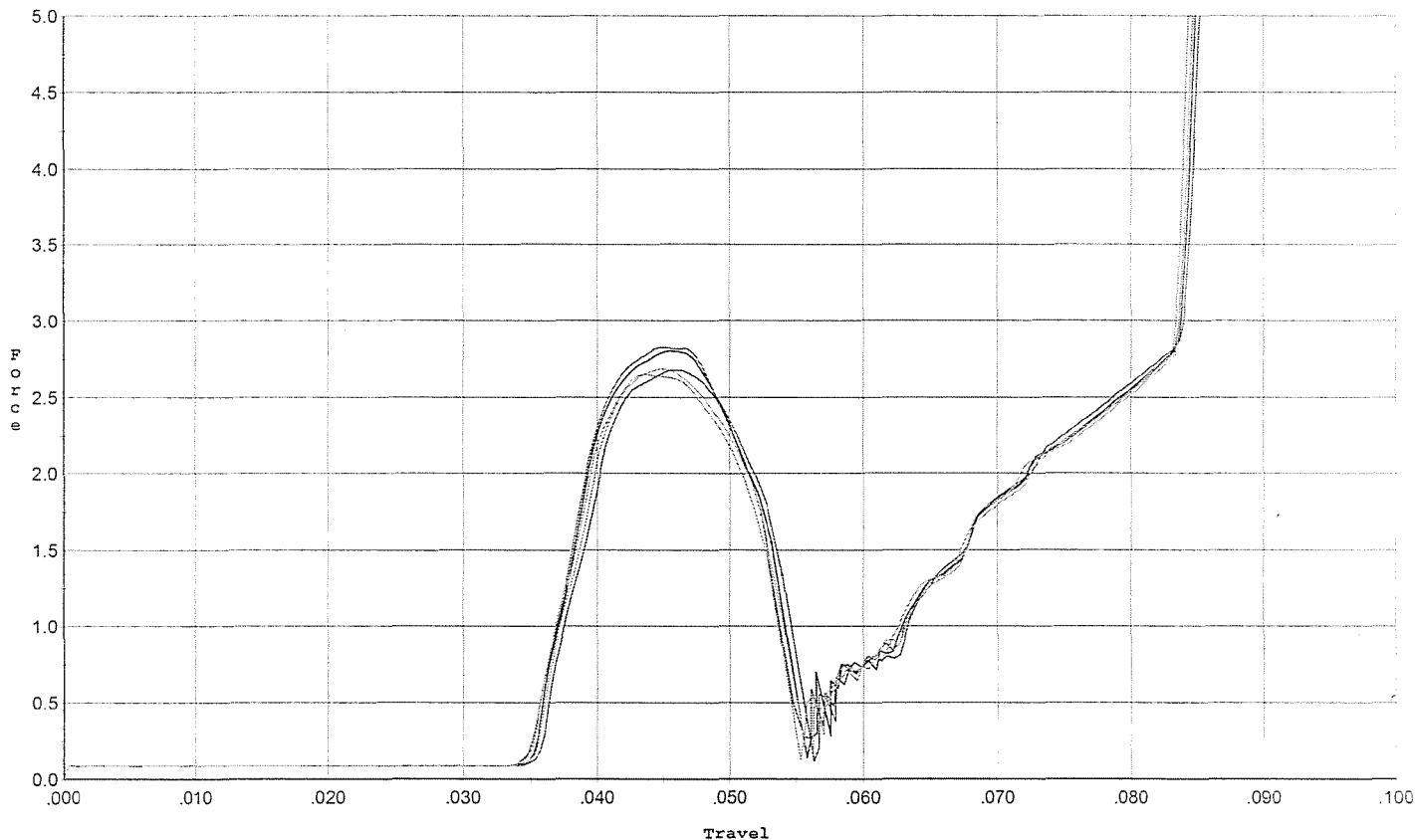
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.1</u> <u>6.0</u> <u>6.0</u>	12/18/06	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	12/18/06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		12/20/06	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.0255</u> <u>.0255</u>	12/18/06	RA
	J) ASSEMBLE STOCK		11/29/06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		12/20/06	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/20/06	nom
	M) IRON SIGHT ALIGNMENT		12/20/06	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/20/06	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12/18/06	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/18/06	M.P.D.
670	FINAL INSPECTION A) HEADSPACE		12/20/06	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.40</u> <u>2.44</u> <u>2.39</u> <u>2.69</u> <u>2.37</u>	12/18/06	RA
	C) FUNCTION		12/20/06	nom
690	PACK		2907	RA

F004 REV 5/2006

Trigger Profile [lbs,inch]

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

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



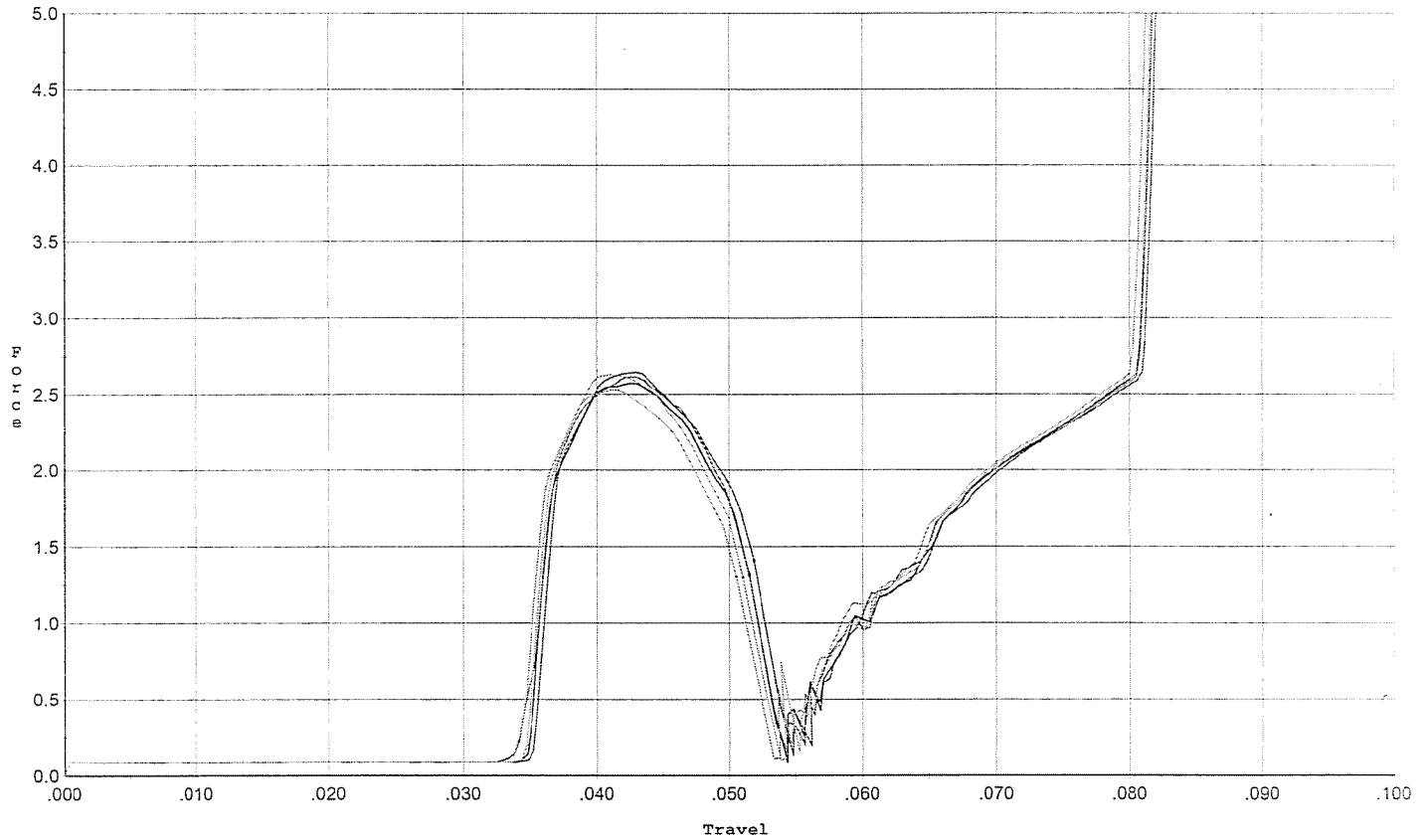
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.678	0.054	0.036	0.037	0.041		Set Trigger
2	2.804	0.053	0.035	0.037	0.042		Set Trigger
3	2.828	0.052	0.035	0.038	0.041		Set Trigger
4	2.688	0.054	0.036	0.037	0.040		Set Trigger
5	2.652	0.053	0.035	0.037	0.039		Set Trigger

Aug 2.73

Trigger Profile [lbs,inch]

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

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



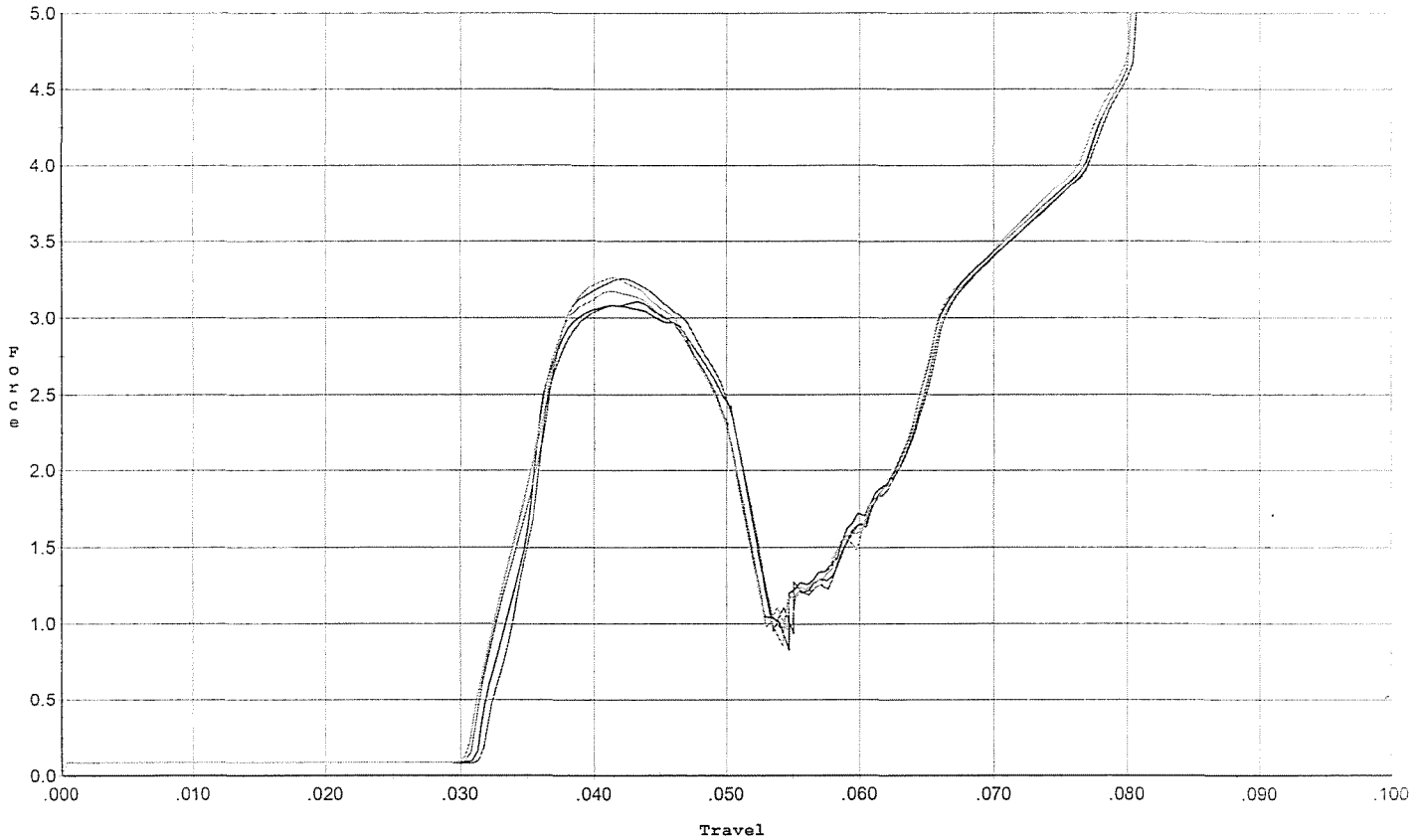
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.646	0.052	0.035	0.036	0.039		Set Trigger
2	2.573	0.052	0.035	0.036	0.038		Set Trigger
3	2.614	0.051	0.034	0.036	0.039		Set Trigger
4	2.629	0.051	0.035	0.036	0.038		Set Trigger
5	2.533	0.051	0.034	0.036	0.037		Set Trigger

Avg 2.59

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. ini.



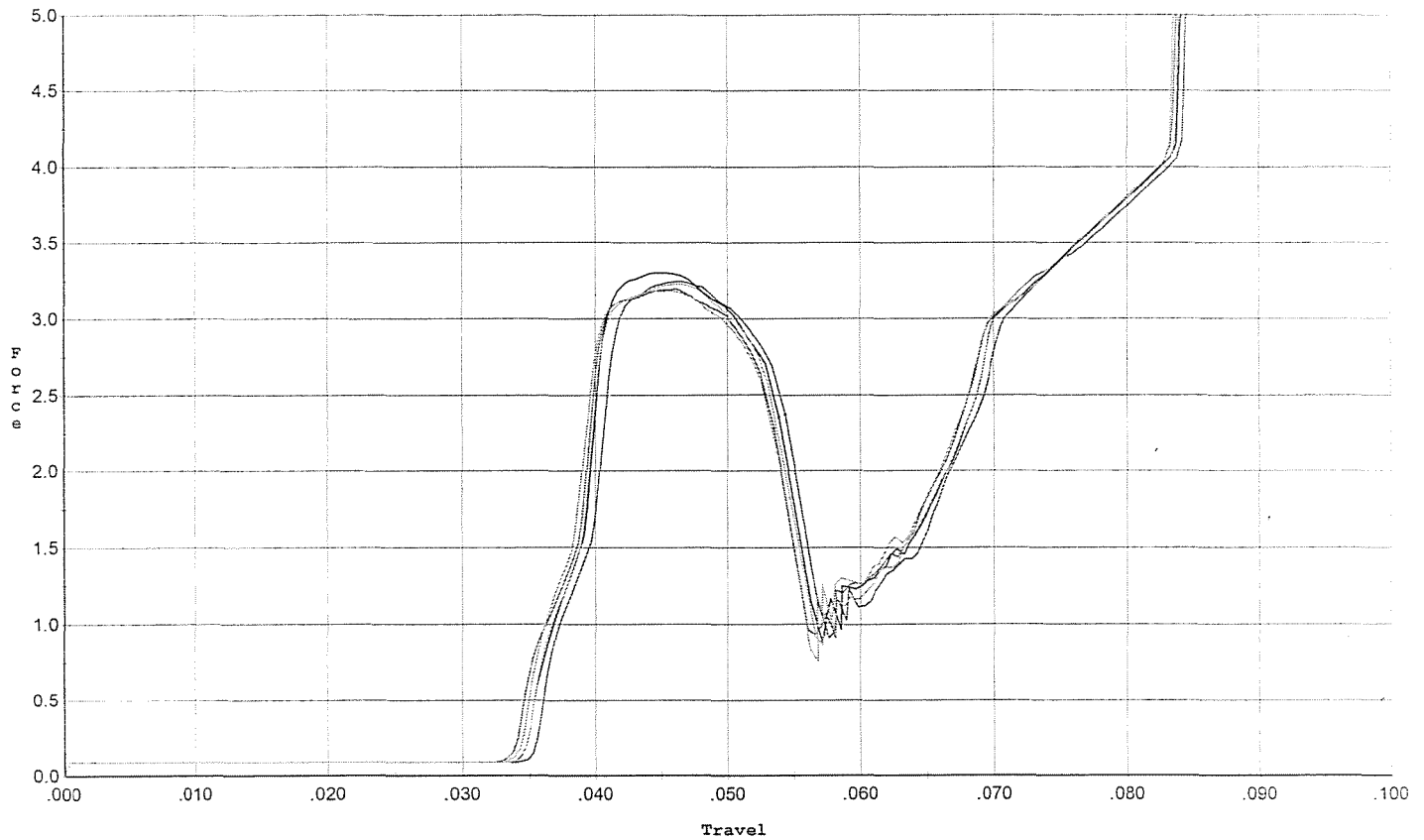
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.107	0.050	0.032	0.035	0.050		Set Trigger
2	3.084	0.050	0.031	0.034	0.050		Set Trigger
3	3.258	0.052	0.031	0.034	0.055		Set Trigger
4	3.176	0.050	0.031	0.034	0.052		Set Trigger
5	3.265	0.051	0.031	0.034	0.054		Set Trigger

Avg 3.17

Trigger Profile [lbs,inch]

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

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



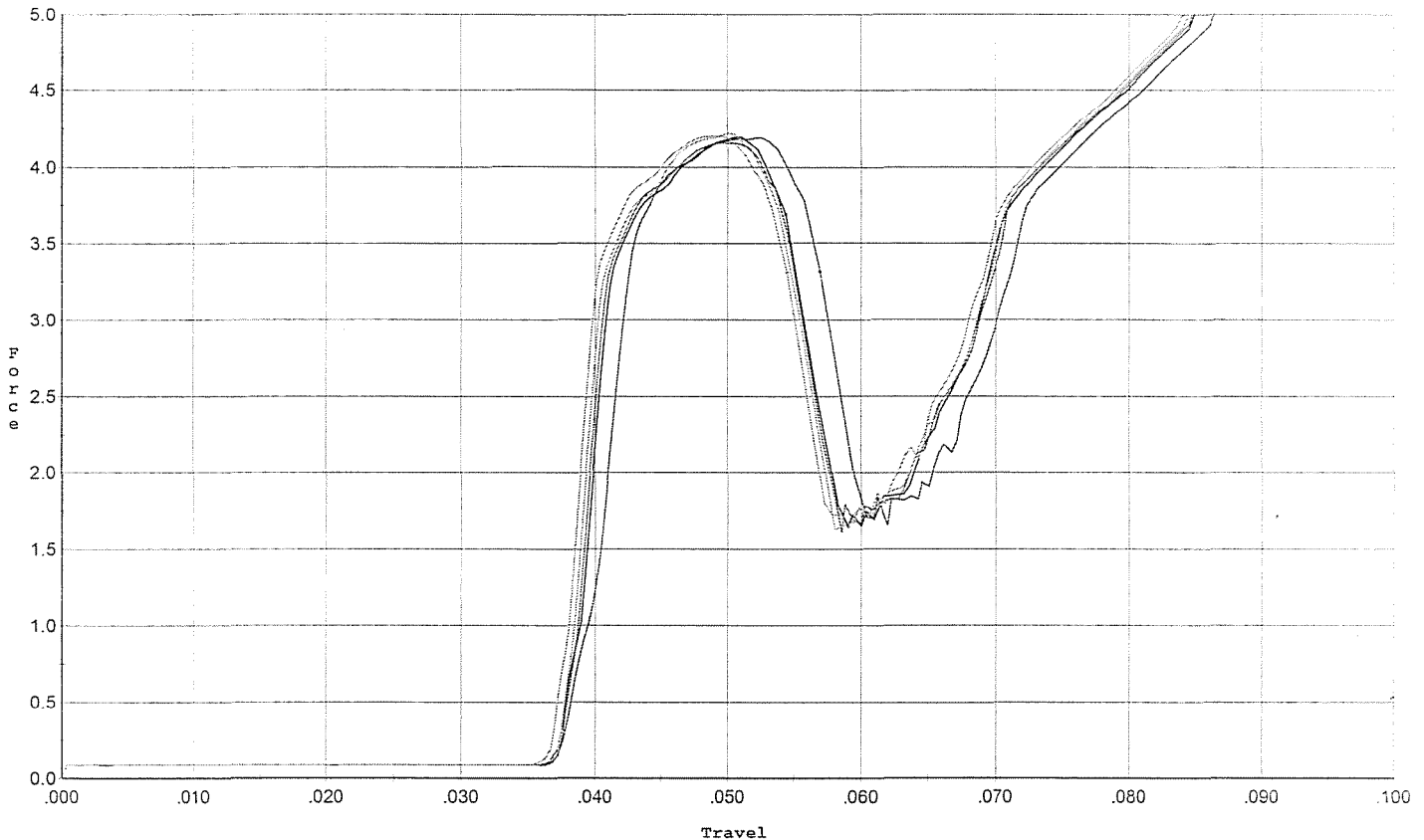
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.247	0.054	0.036	0.036	0.052		Set Trigger
2	3.305	0.054	0.035	0.036	0.053		Set Trigger
3	3.199	0.054	0.034	0.035	0.052		Set Trigger
4	3.231	0.055	0.035	0.035	0.053		Set Trigger
5	3.188	0.054	0.035	0.035	0.052		Set Trigger

Aug 3.23

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. ini.



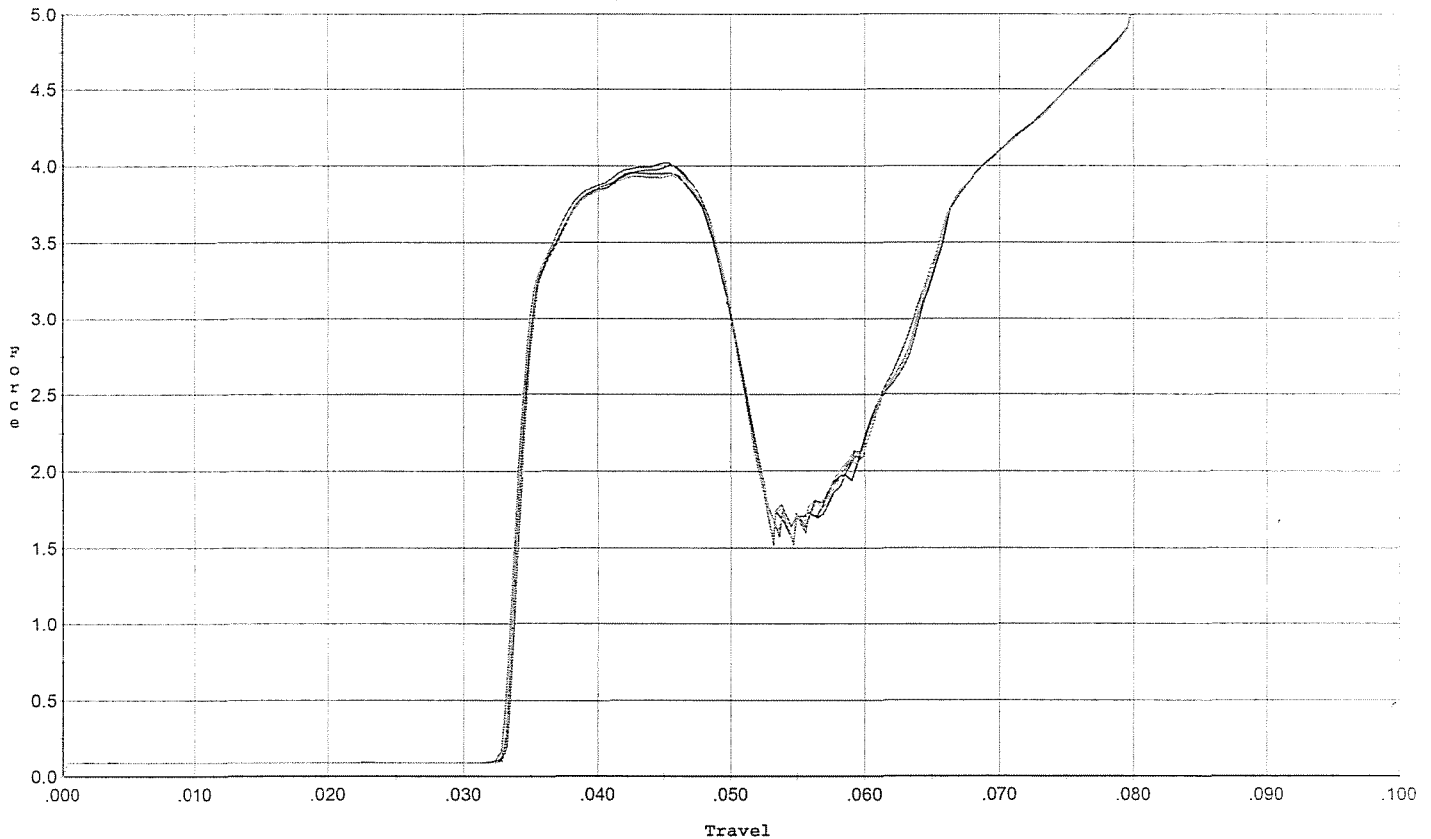
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.191	0.057	0.037	0.034	0.071		Set Trigger
2	4.193	0.054	0.037	0.034	0.066		Set Trigger
3	4.158	0.055	0.038	0.034	0.066		Set Trigger
4	4.220	0.055	0.037	0.034	0.068		Set Trigger
5	4.203	0.054	0.037	0.034	0.068		Set Trigger

Aug 4.19

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



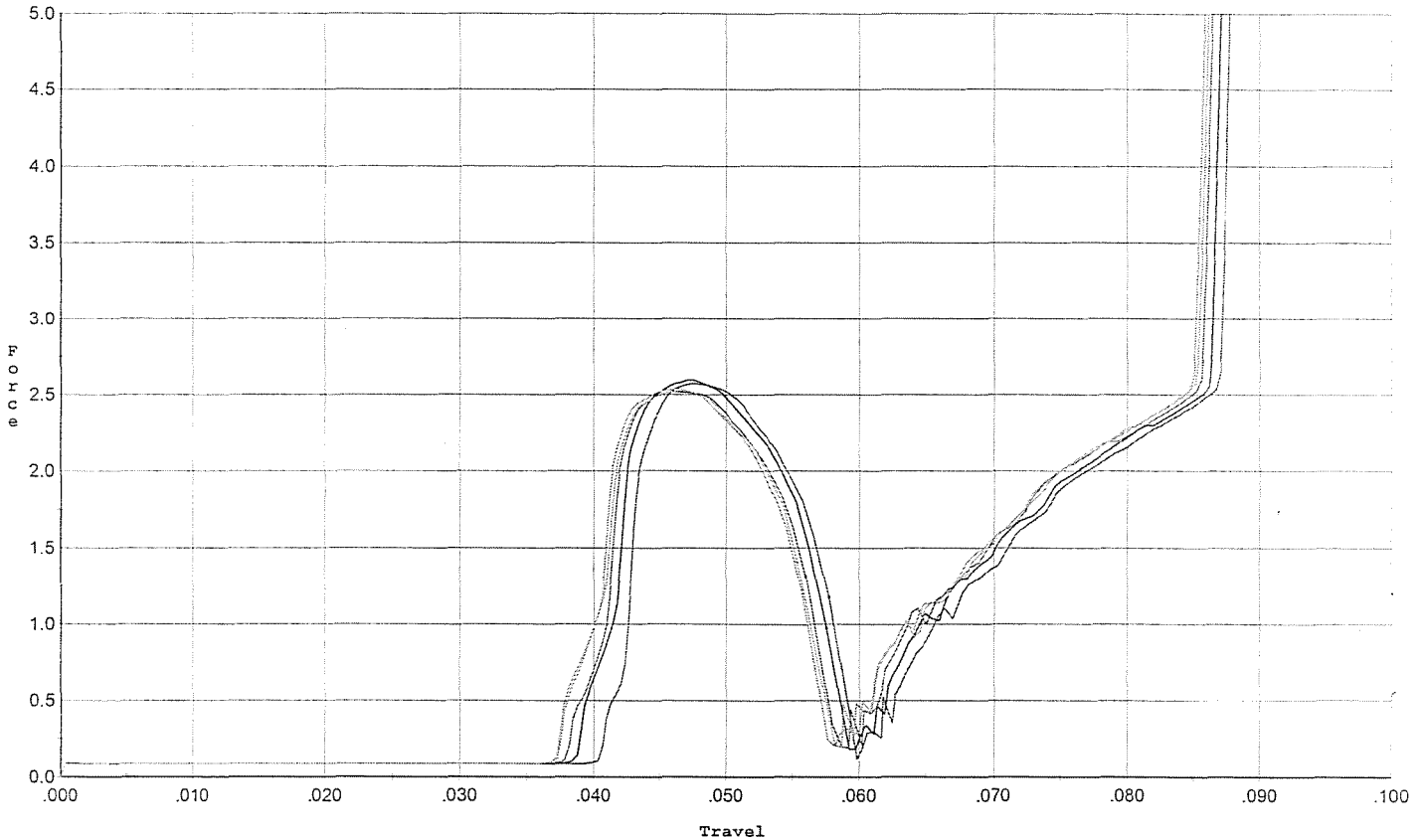
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.007	0.050	0.033	0.034	0.063		Set Trigger
2	3.955	0.050	0.033	0.034	0.063		Set Trigger
3	4.020	0.050	0.033	0.033	0.064		Set Trigger
4	3.939	0.051	0.033	0.033	0.065		Set Trigger
5	3.953	0.050	0.033	0.034	0.064		Set Trigger

Aug 3.97

Trigger Profile [lbs,inch]

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

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



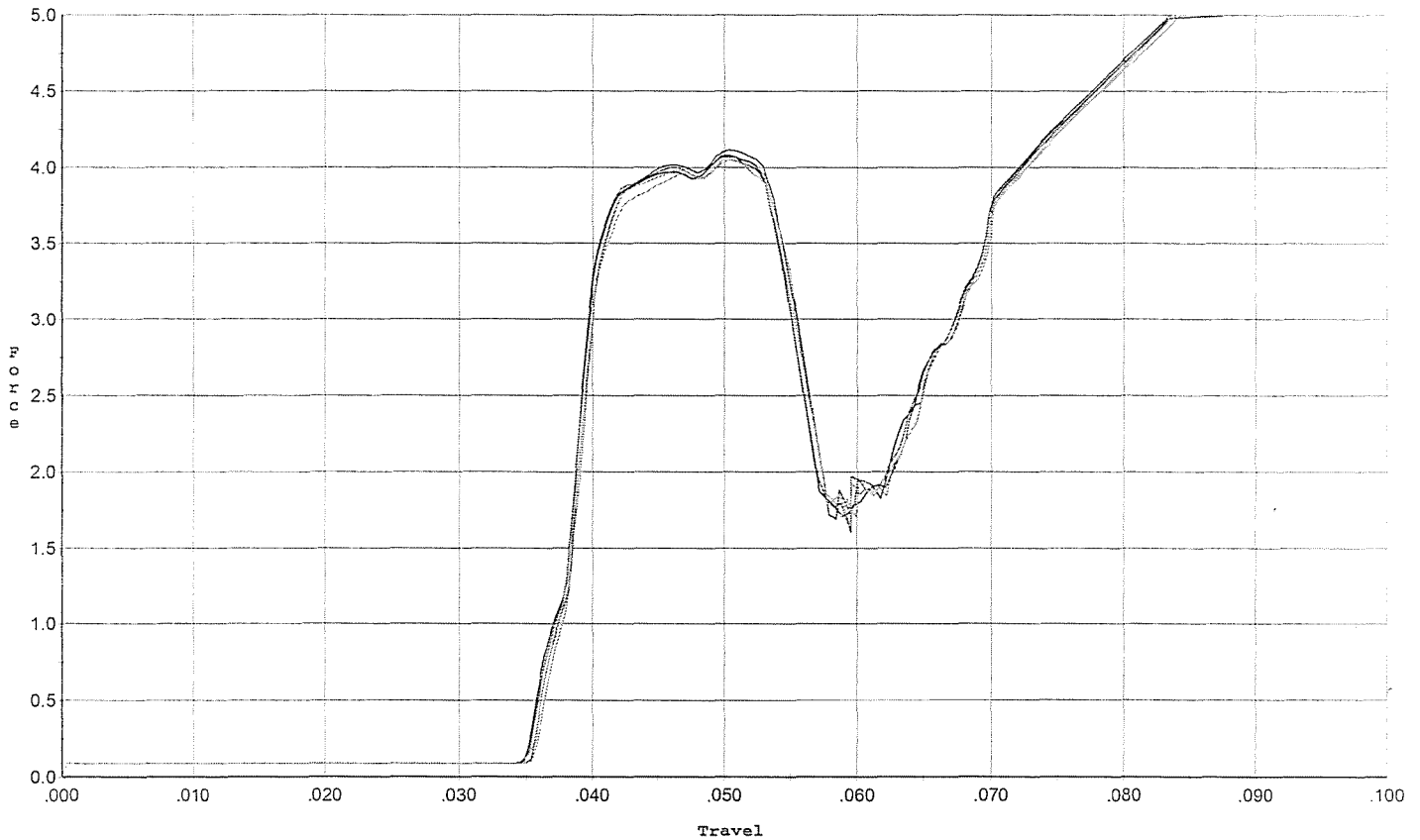
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.572	0.058	0.041	0.038	0.038		Set Trigger
2	2.593	0.058	0.039	0.037	0.040		Set Trigger
3	2.518	0.056	0.038	0.038	0.038		Set Trigger
4	2.525	0.055	0.038	0.038	0.038		Set Trigger
5	2.536	0.056	0.038	0.038	0.039		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 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	4.115	0.055	0.036	0.034	0.070		Set Trigger
2	4.074	0.054	0.035	0.034	0.069		Set Trigger
3	4.081	0.054	0.035	0.034	0.069		Set Trigger
4	4.050	0.055	0.036	0.034	0.069		Set Trigger
5	4.066	0.056	0.036	0.034	0.070		Set Trigger

Avg 4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605305.___0
FILE DATE AND TIME: 12/09/2006 06:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

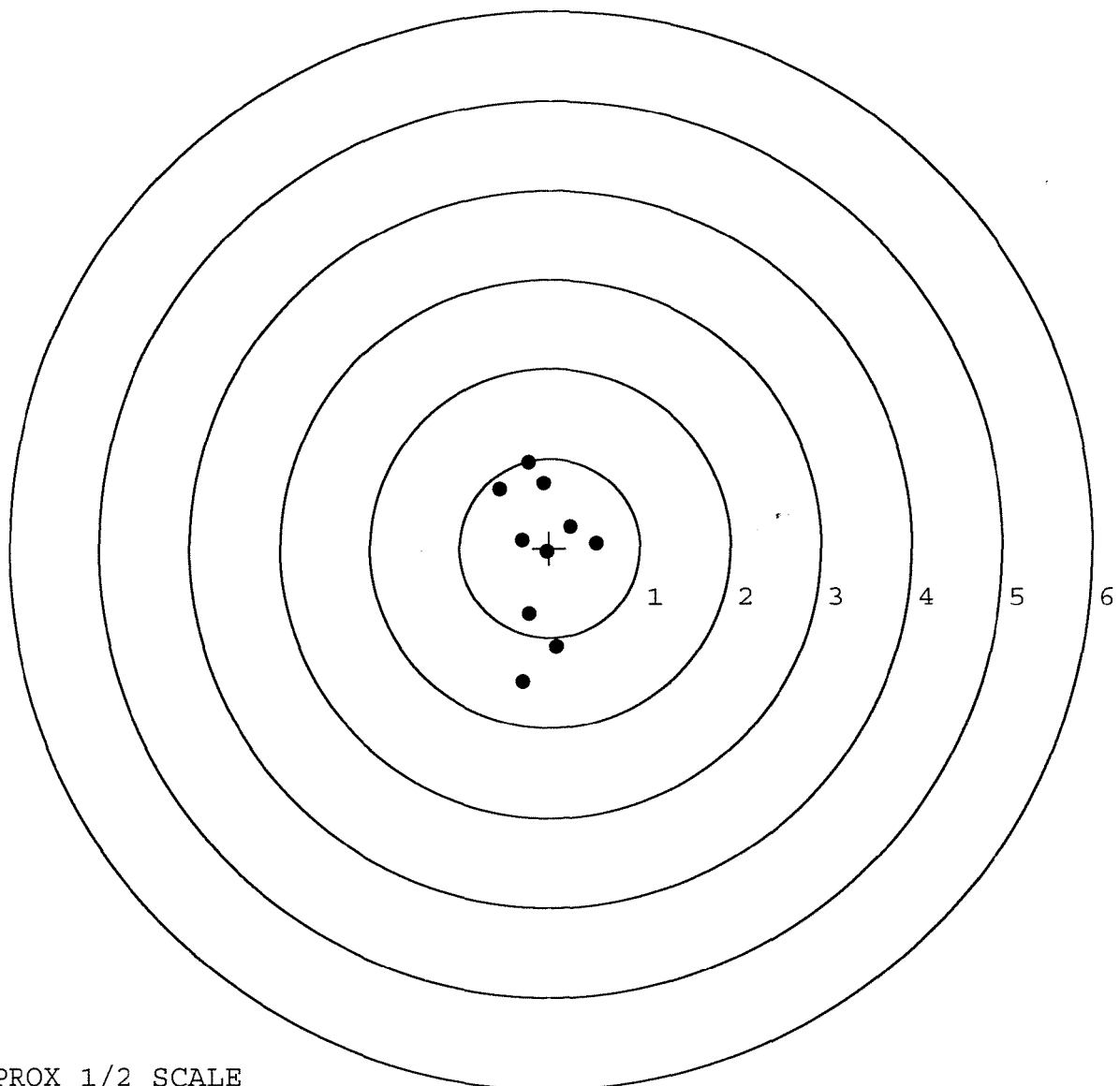
The Average X Centroid of the Five Target Set:	-0.036
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.037
The Average Mean Radius of the Five Target Set:	0.697
The Distance from POA to Centroid Target #1:	0.113
The Distance from Centroid Target #2 to Centroid Target #1:	0.121
The Distance from Centroid Target #3 to Centroid Target #1:	0.097
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.187

BARBER - M24 0132737

SERIAL NUMBER: G6605305. __0
TARGET NUMBER: 1
FILE DATE: 12/09/2006
FILE TIME: 06:17

X CENTROID: -0.091
Y CENTROID: -0.067
POA TO CENTROID: 0.113
HORZ SPREAD: 1.073
VERT SPREAD: 2.454
GROUP SPREAD: 2.455
MIN RADIUS: 0.064
MAX RADIUS: 1.446
MEAN RADIUS: 0.727
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.300	-1.498
2:	0.078	-1.111
3:	-0.229	-0.744
4:	-0.310	0.089
5:	-0.032	-0.042
6:	0.228	0.244
7:	0.517	0.058
8:	-0.556	0.654
9:	-0.071	0.720
10:	-0.237	0.956



TARGET APPROX 1/2 SCALE

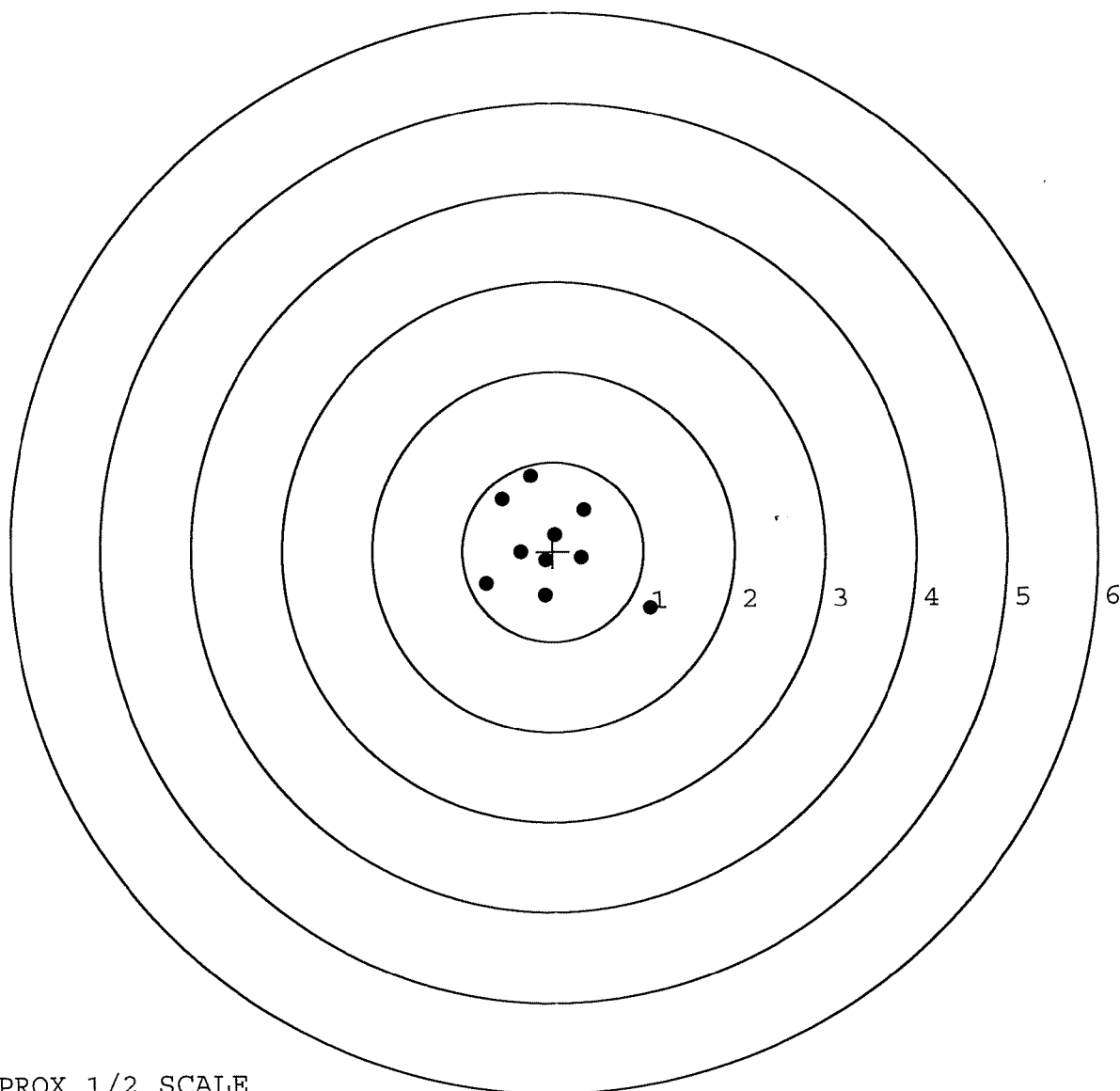
BARBER - M24 0132738

SERIAL NUMBER: G6605305. __0
 TARGET NUMBER: 2
 FILE DATE: 12/09/2006
 FILE TIME: 06:17

X CENTROID: -0.031
 Y CENTROID: 0.038
 POA TO CENTROID: 0.049
 HORZ SPREAD: 1.805
 VERT SPREAD: 1.490
 GROUP SPREAD: 2.040
 MIN RADIUS: 0.151
 MAX RADIUS: 1.295
 MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.070	-0.645
2:	-0.245	0.845
3:	-0.559	0.583
4:	0.348	0.455
5:	0.315	-0.076
6:	0.021	0.180
7:	-0.087	-0.493
8:	-0.355	-0.013
9:	-0.083	-0.104
10:	-0.735	-0.357



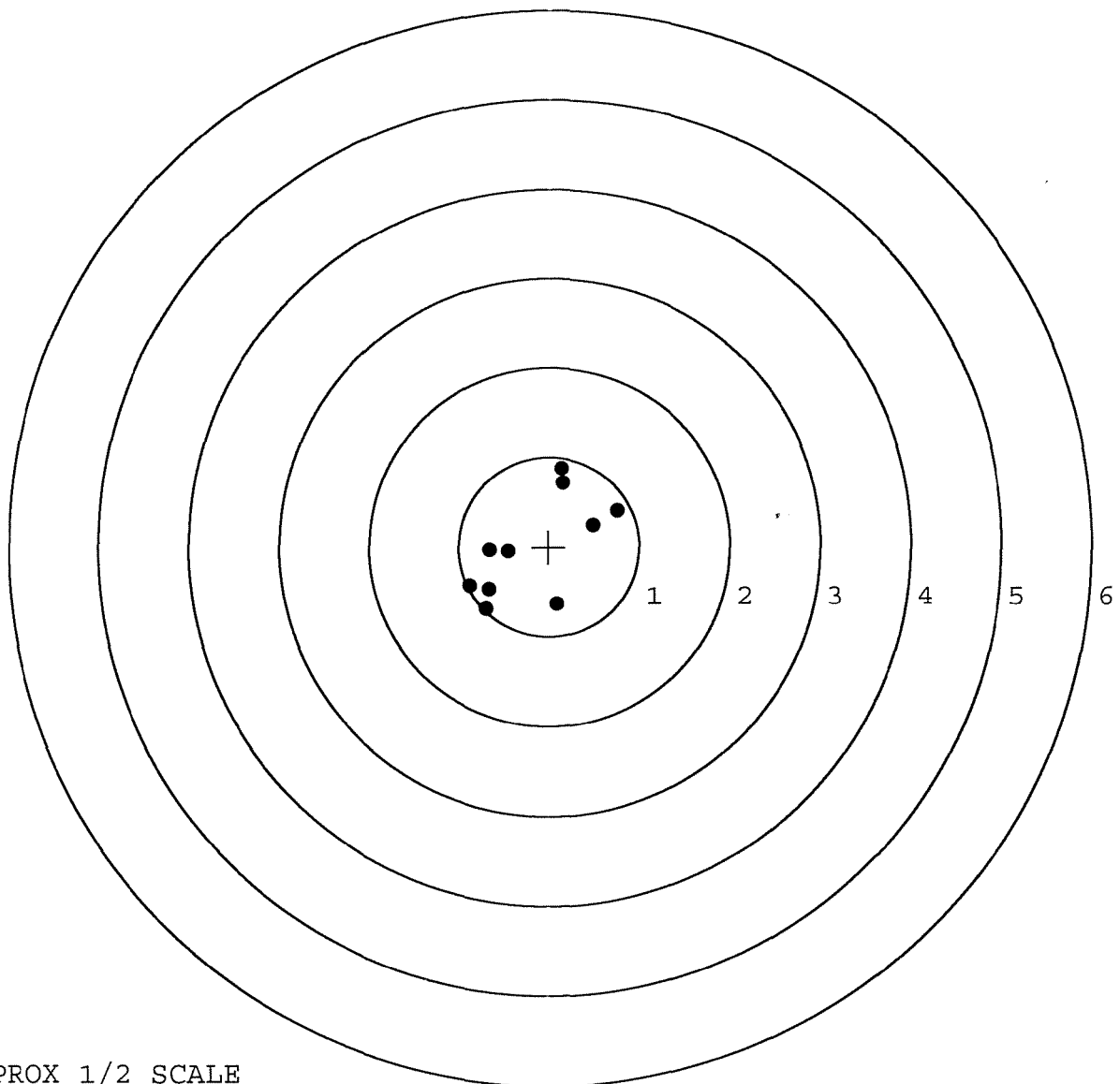
TARGET APPROX 1/2 SCALE

BARBER - M24 0132739

SERIAL NUMBER: G6605305. __0
 TARGET NUMBER: 3
 FILE DATE: 12/09/2006
 FILE TIME: 06:17

X CENTROID: -0.170
 Y CENTROID: -0.011
 POA TO CENTROID: 0.171
 HORZ SPREAD: 1.632
 VERT SPREAD: 1.567
 GROUP SPREAD: 1.835
 MIN RADIUS: 0.280
 MAX RADIUS: 1.015
 MEAN RADIUS: 0.727
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.757	0.402
2:	0.488	0.243
3:	0.155	0.709
4:	0.093	-0.646
5:	-0.695	-0.697
6:	-0.875	-0.437
7:	-0.661	-0.476
8:	-0.448	-0.048
9:	-0.659	-0.035
10:	0.143	0.870



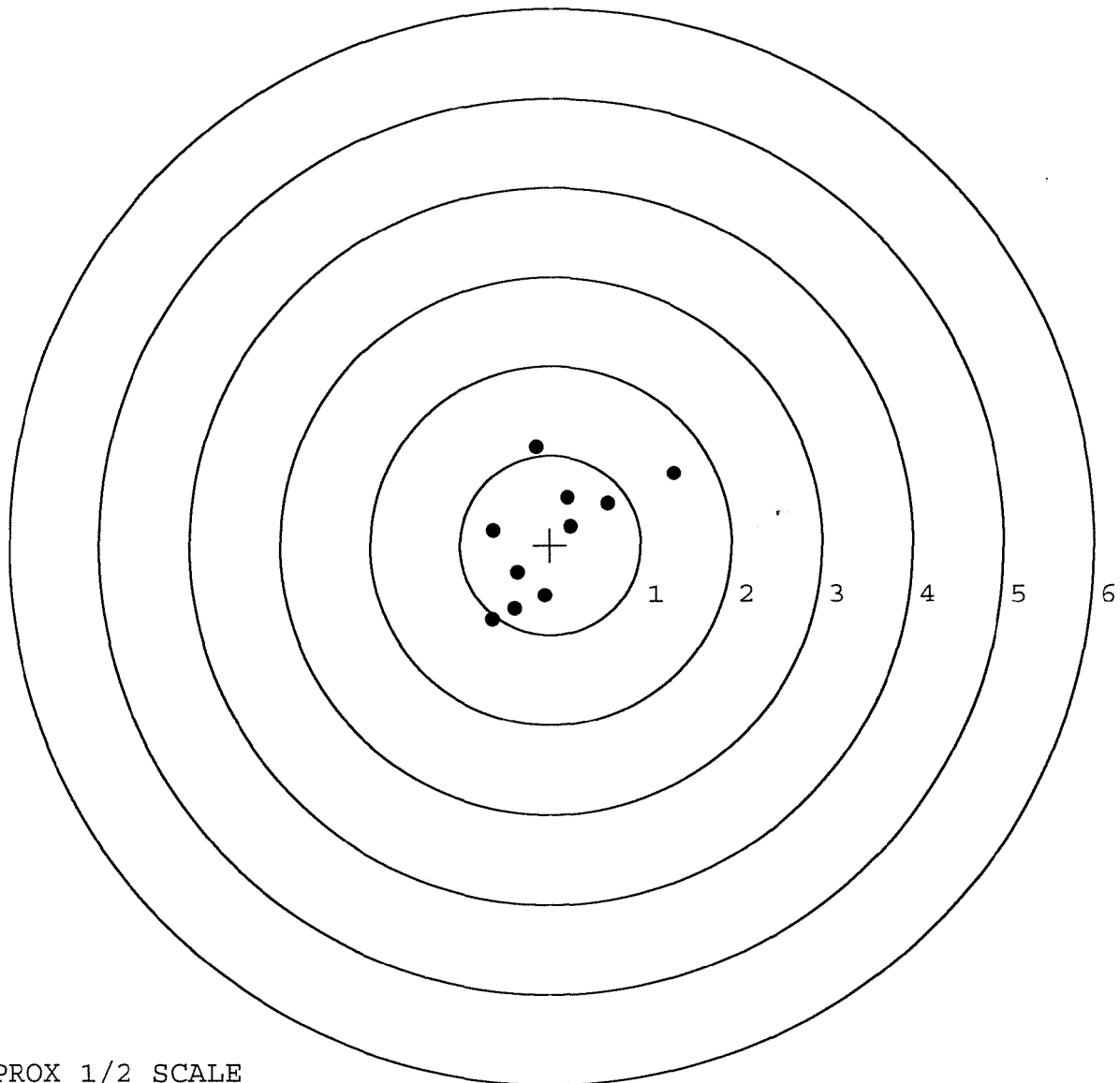
TARGET APPROX 1/2 SCALE

BARBER - M24 0132740

SERIAL NUMBER: G6605305. __0
TARGET NUMBER: 4
FILE DATE: 12/09/2006
FILE TIME: 06:17

X CENTROID: 0.015
Y CENTROID: 0.082
POA TO CENTROID: 0.083
HORZ SPREAD: 2.004
VERT SPREAD: 1.928
GROUP SPREAD: 2.585
MIN RADIUS: 0.243
MAX RADIUS: 1.524
MEAN RADIUS: 0.790
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.361	0.797
2:	0.640	0.466
3:	0.193	0.525
4:	0.221	0.211
5:	-0.158	1.092
6:	-0.638	0.165
7:	-0.066	-0.573
8:	-0.365	-0.312
9:	-0.643	-0.836
10:	-0.397	-0.718



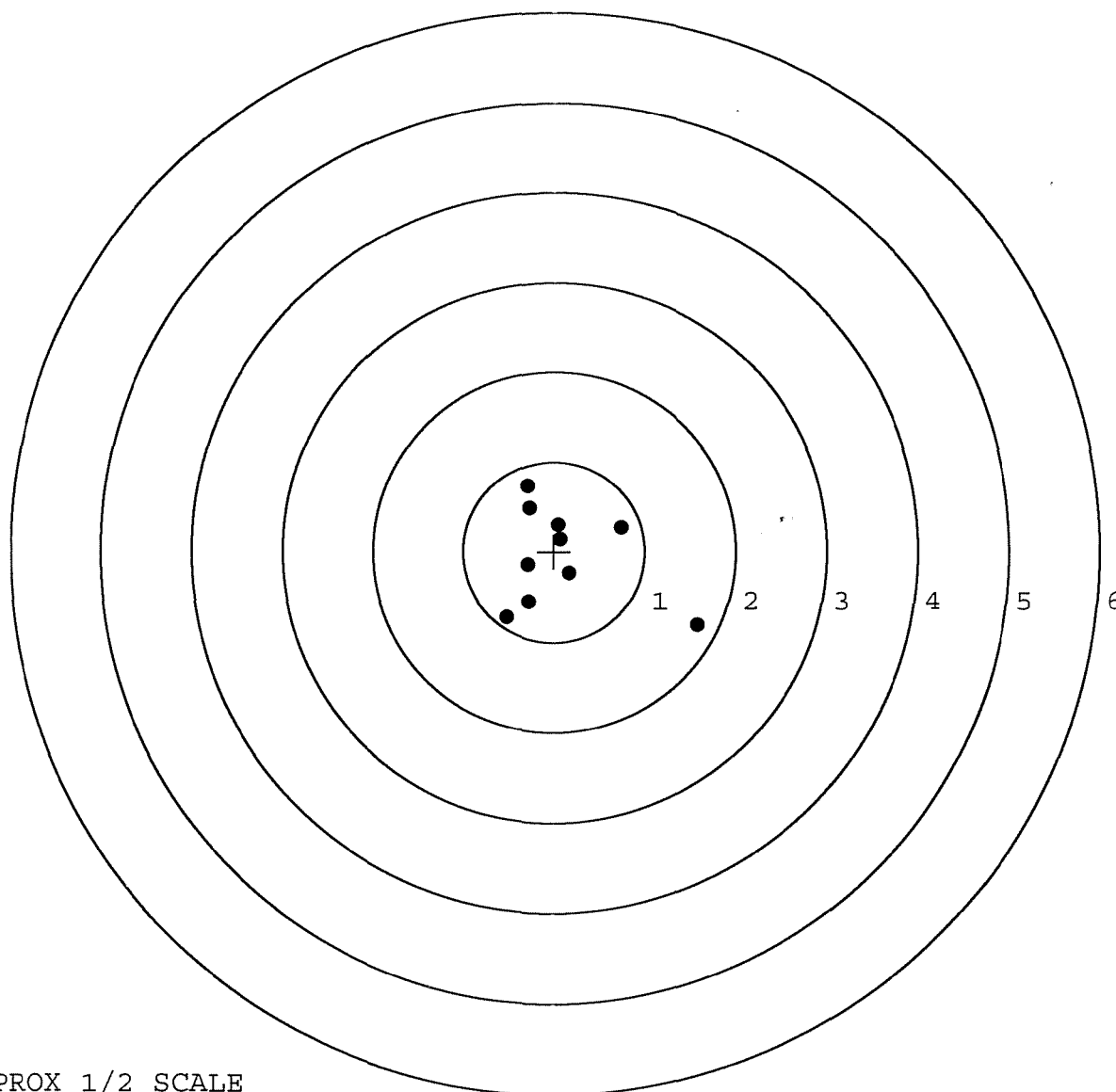
TARGET APPROX 1/2 SCALE

BARBER - M24 0132741

SERIAL NUMBER: G6605305. __0
TARGET NUMBER: 5
FILE DATE: 12/09/2006
FILE TIME: 06:17

X CENTROID: 0.095
Y CENTROID: -0.059
POA TO CENTROID: 0.112
HORZ SPREAD: 2.101
VERT SPREAD: 1.547
GROUP SPREAD: 2.427
MIN RADIUS: 0.195
MAX RADIUS: 1.670
MEAN RADIUS: 0.660
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.582	-0.819
2:	0.742	0.264
3:	-0.519	-0.729
4:	-0.285	-0.559
5:	0.168	-0.242
6:	-0.289	-0.149
7:	0.067	0.134
8:	0.047	0.295
9:	-0.272	0.483
10:	-0.288	0.728



TARGET APPROX 1/2 SCALE