

G 6695432

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



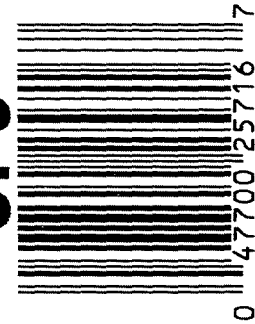
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6695432

UPC



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 # G6695432

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-6-07	RTZ
420	ASSEMBLE ACTION		12-6-07	RTZ
430	ASSEMBLE TO STOCK		12-7-07	TRW
440	PROOF		12-7-07	TRW
460	CHECK HEADSPACE	MAGNA - FLUX	12-7-07	TRW
470	DIS-ASSEMBLE ACTION	DEC 10 2007	12-7-07	RTZ
480	MAGNAFLUX BBL ACTION		12-10-07	JB
490	MAGNAFLUX BOLT	OPERATOR JB		
500	ROLLMARK CALIBER		12-7-07	CW
510	DRILL AND TAP SIGHT HOLES		12-7-07	FM
520	GOFF BLAST BBL / REC		12-11-07	JB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/07	JB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-7-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-7-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-7-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-7-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

BARBER - M24 0179034									
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>4.5</u>	<u>4.5</u>	<u>4.5</u>	12-18-07	RA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	12-18-07	RA		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u>	<u>.023</u>	<u>.023</u>	12-18-07	RA		
	J) ASSEMBLE STOCK					12-17-07	RTZ		
	K) ASSEMBLE SWIVEL STUDS					12-20-07	S.P.D.		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					12-20-07	S.P.D.		
	M) IRON SIGHT ALIGNMENT					12-20-07	S.P.D.		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					12-20-07	S.P.D.		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			<u>PASS</u>	FAIL		12-17-07	TRU		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					12-17-07	FM		
670	FINAL INSPECTION A) HEADSPACE					12-20-07	S.P.D.		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.36</u>	<u>2.37</u>	<u>2.41</u>	<u>2.38</u>	<u>2.47</u>	12-18-07	RA
	C) FUNCTION					12-20-07	S.P.D.		
690	PACK					12/21/07	RA		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695432.___0

FILE DATE AND TIME: 12/18/2007 05:41

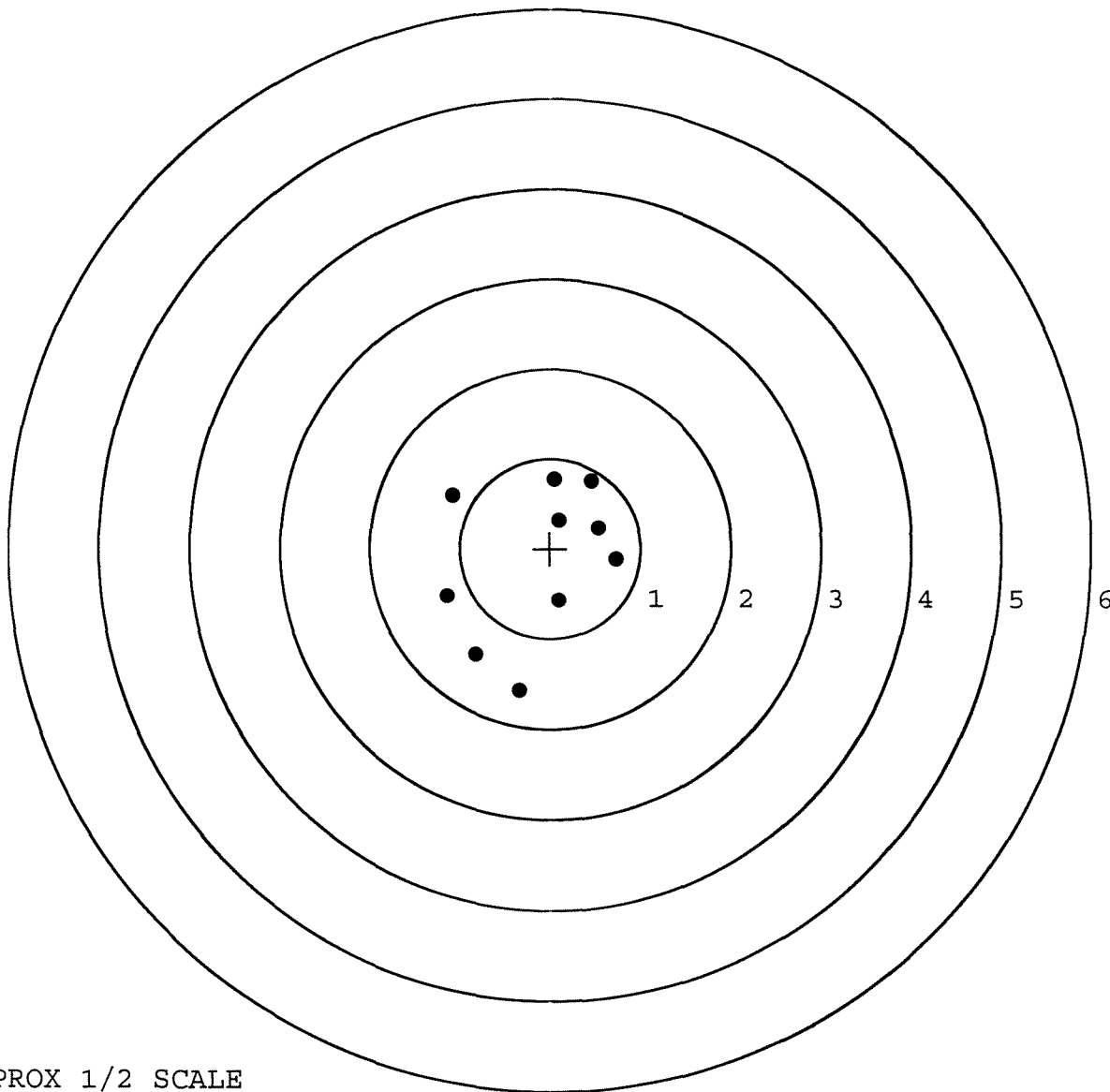
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.112
The Average Y Centroid of the Five Target Set:	-0.087
The Average Point of Impact of the Five Target Set:	0.142
The Average Mean Radius of the Five Target Set:	0.930
The Distance from POA to Centroid Target #1:	0.194
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.053
The Distance from Centroid Target #4 to Centroid Target #1:	0.388
The Distance from Centroid Target #5 to Centroid Target #1:	0.068

SERIAL NUMBER: G6695432. __0
 TARGET NUMBER: 1
 FILE DATE: 12/18/2007
 FILE TIME: 05:41

X CENTROID: -0.143
 Y CENTROID: -0.130
 POA TO CENTROID: 0.194
 HORZ SPREAD: 1.878
 VERT SPREAD: 2.350
 GROUP SPREAD: 2.467
 MIN RADIUS: 0.505
 MAX RADIUS: 1.460
 MEAN RADIUS: 0.963
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.341	-1.577
2:	-0.821	-1.182
3:	-1.146	-0.529
4:	-1.083	0.592
5:	0.049	0.773
6:	0.455	0.758
7:	0.095	0.317
8:	0.532	0.236
9:	0.732	-0.115
10:	0.094	-0.576



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695432. __0

TARGET NUMBER: 2

FILE DATE: 12/18/2007

FILE TIME: 05:41

X CENTROID: -0.278

Y CENTROID: -0.138

POA TO CENTROID: 0.310

HORZ SPREAD: 2.984

VERT SPREAD: 3.198

GROUP SPREAD: 3.334

MIN RADIUS: 0.555

MAX RADIUS: 1.744

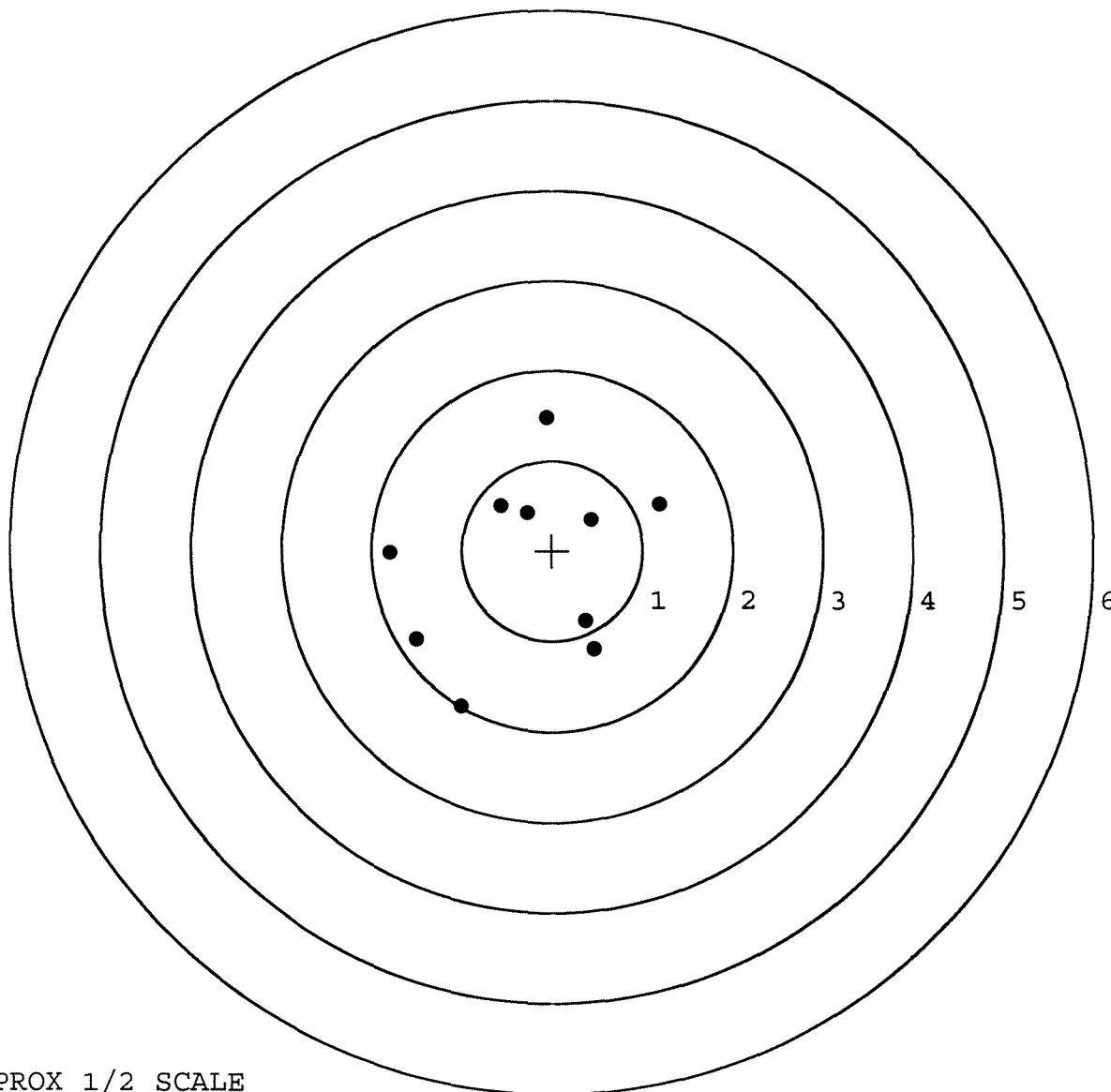
MEAN RADIUS: 1.223

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.465	-1.098
2:	0.369	-0.785
3:	0.428	0.344
4:	1.184	0.514
5:	-0.276	0.417
6:	-0.571	0.496
7:	-0.066	1.475
8:	-1.800	-0.030
9:	-1.503	-0.993
10:	-1.007	-1.723

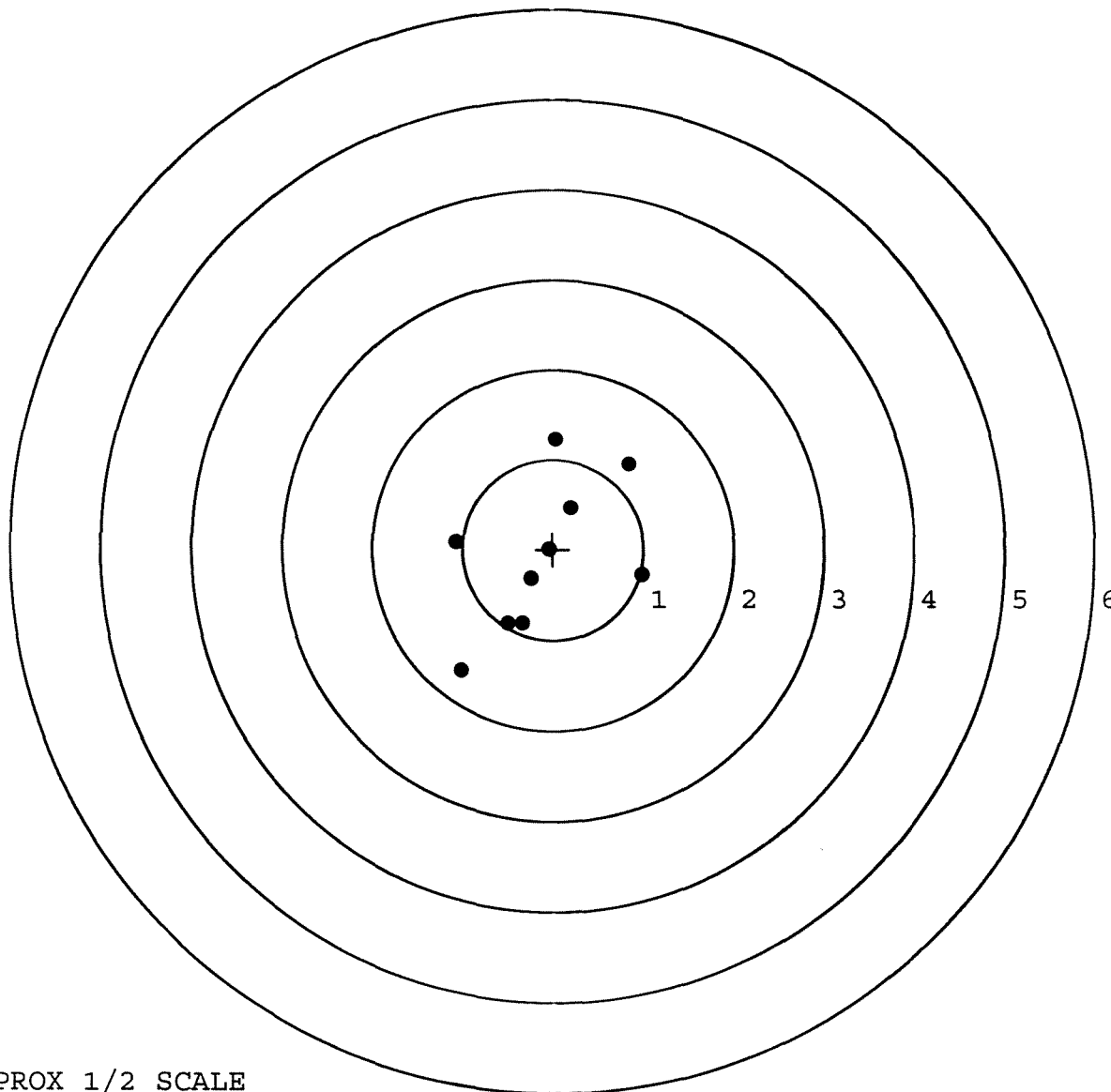


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695432. __0
 TARGET NUMBER: 3
 FILE DATE: 12/18/2007
 FILE TIME: 05:41

X CENTROID: -0.115
 Y CENTROID: -0.086
 POA TO CENTROID: 0.144
 HORZ SPREAD: 2.051
 VERT SPREAD: 2.560
 GROUP SPREAD: 2.946
 MIN RADIUS: 0.108
 MAX RADIUS: 1.539
 MEAN RADIUS: 0.896
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.981	-0.285
2:	0.845	0.951
3:	0.036	1.225
4:	0.199	0.462
5:	-0.042	-0.006
6:	-0.246	-0.322
7:	-0.341	-0.816
8:	-0.502	-0.817
9:	-1.014	-1.335
10:	-1.070	0.086



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695432. __0

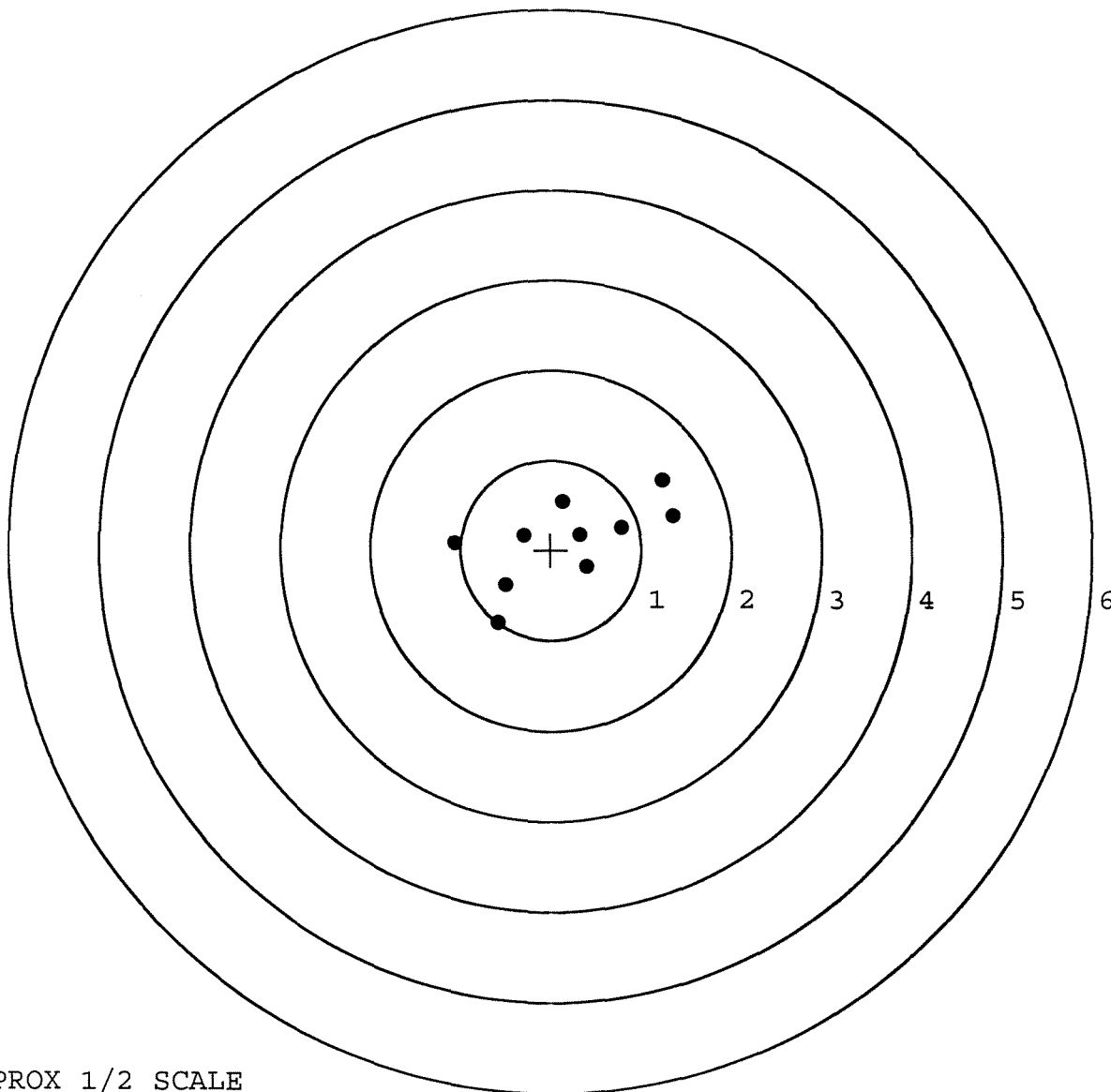
TARGET NUMBER: 4

FILE DATE: 12/18/2007

FILE TIME: 05:41

X CENTROID: 0.174
 Y CENTROID: 0.093
 POA TO CENTROID: 0.197
 HORZ SPREAD: 2.406
 VERT SPREAD: 1.595
 GROUP SPREAD: 2.416
 MIN RADIUS: 0.159
 MAX RADIUS: 1.258
 MEAN RADIUS: 0.778
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.341	0.375
2:	1.230	0.776
3:	0.776	0.250
4:	0.396	-0.191
5:	0.314	0.168
6:	0.127	0.537
7:	-0.294	0.157
8:	-0.505	-0.395
9:	-0.585	-0.819
10:	-1.065	0.074

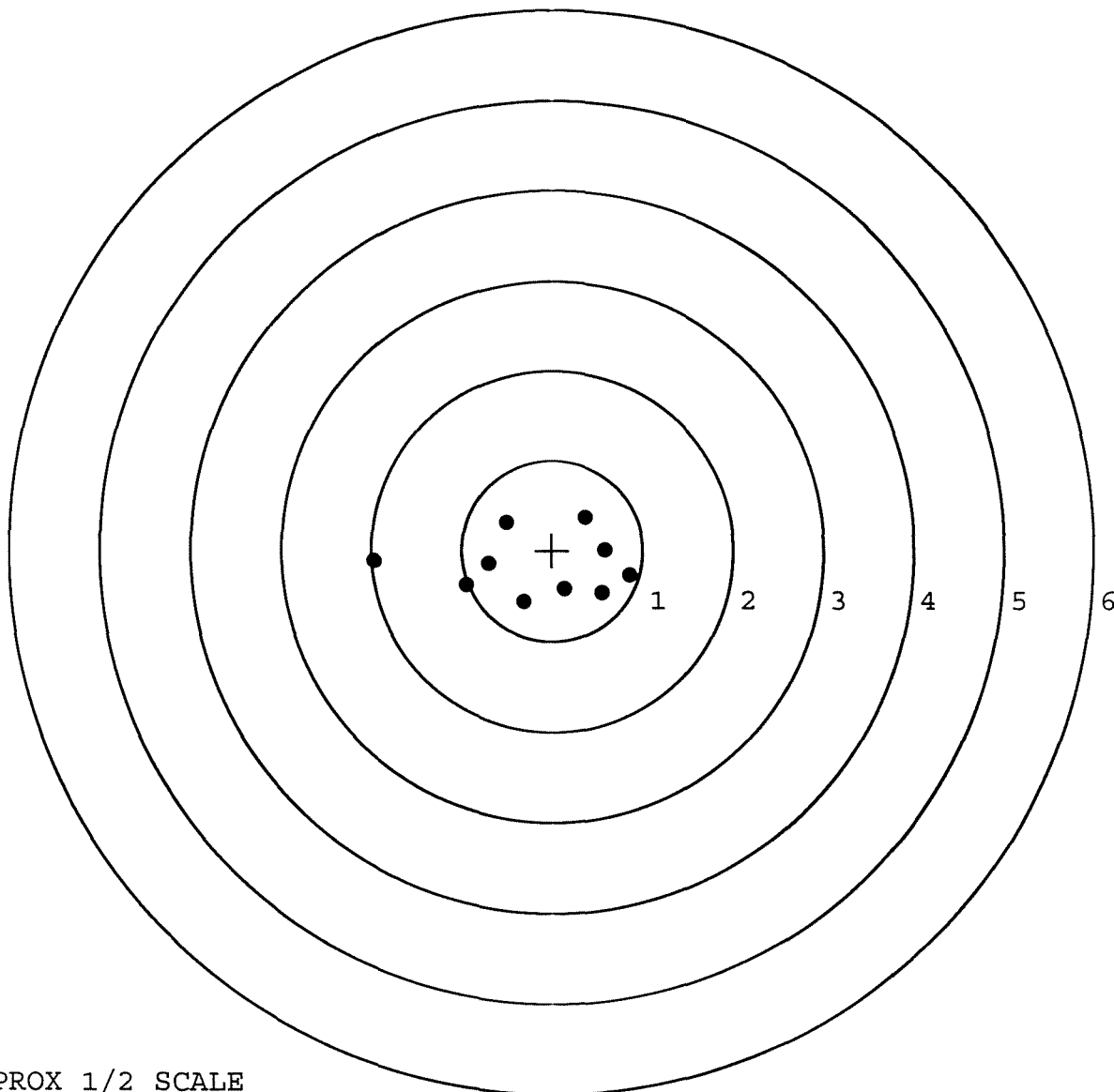


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695432.____0
 TARGET NUMBER: 5
 FILE DATE: 12/18/2007
 FILE TIME: 05:41

X CENTROID: -0.197
 Y CENTROID: -0.173
 POA TO CENTROID: 0.262
 HORZ SPREAD: 2.824
 VERT SPREAD: 0.943
 GROUP SPREAD: 2.828
 MIN RADIUS: 0.418
 MAX RADIUS: 1.774
 MEAN RADIUS: 0.793
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.854	-0.275
2:	0.552	-0.471
3:	0.585	0.012
4:	0.361	0.370
5:	0.136	-0.431
6:	-0.318	-0.573
7:	-0.953	-0.393
8:	-0.705	-0.150
9:	-0.508	0.309
10:	-1.970	-0.125

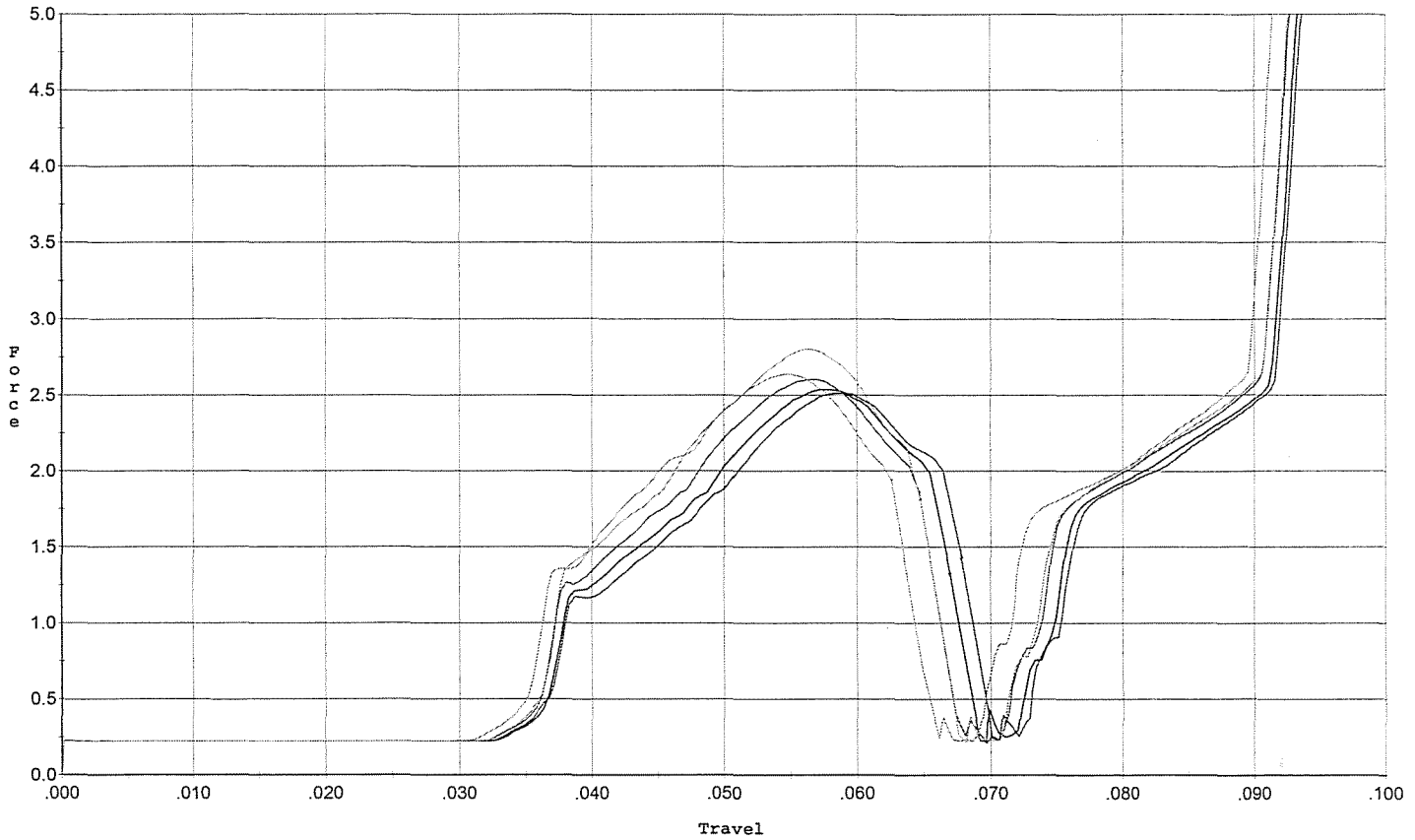


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

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



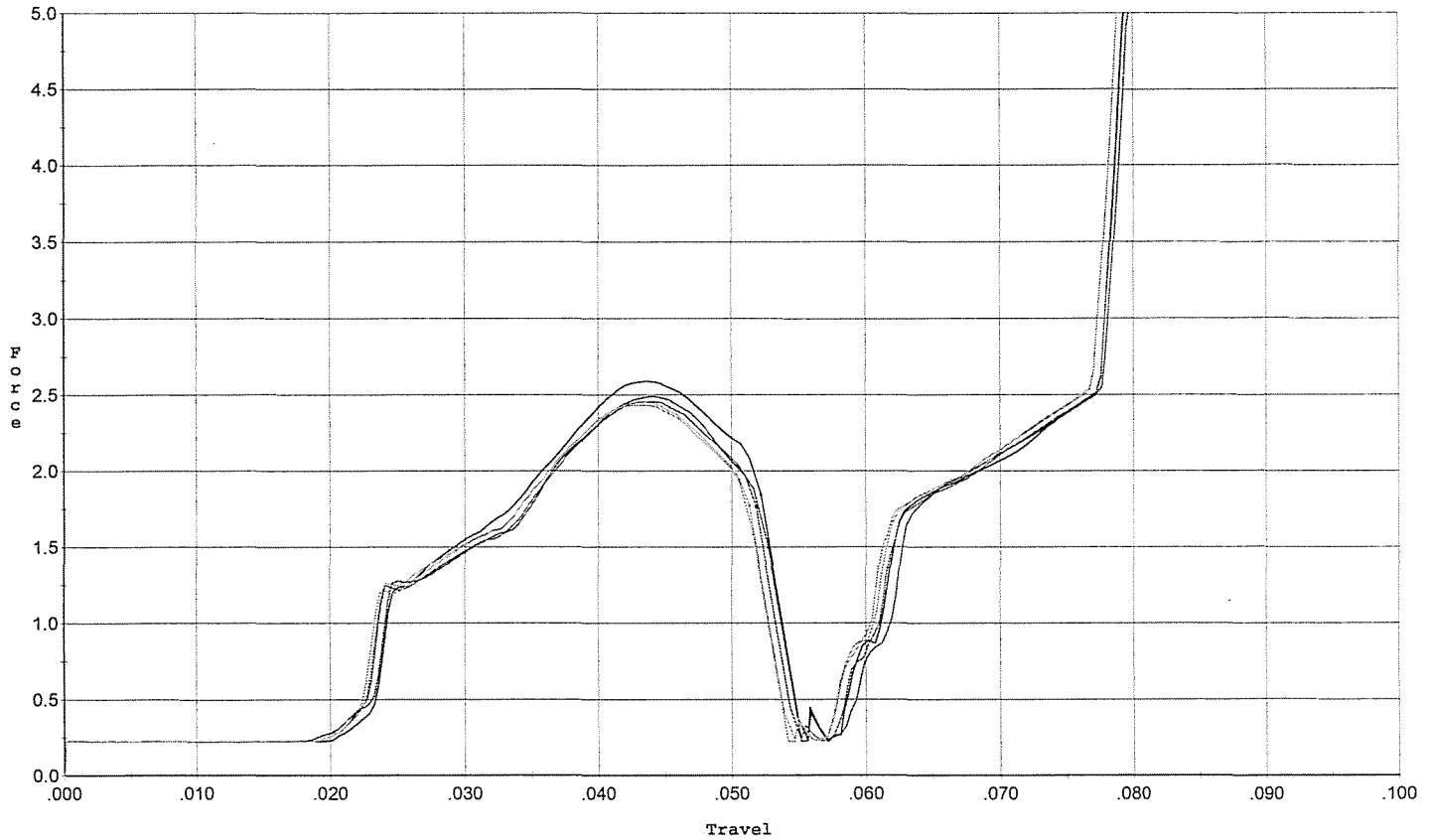
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.513	0.068	0.037	0.033	0.067		Set Trigger
2	2.536	0.067	0.036	0.034	0.066		Set Trigger
3	2.604	0.065	0.036	0.035	0.065		Set Trigger
4	2.804	0.065	0.036	0.034	0.070		Set Trigger
5	2.638	0.063	0.035	0.035	0.064		Set Trigger

2.62 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

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



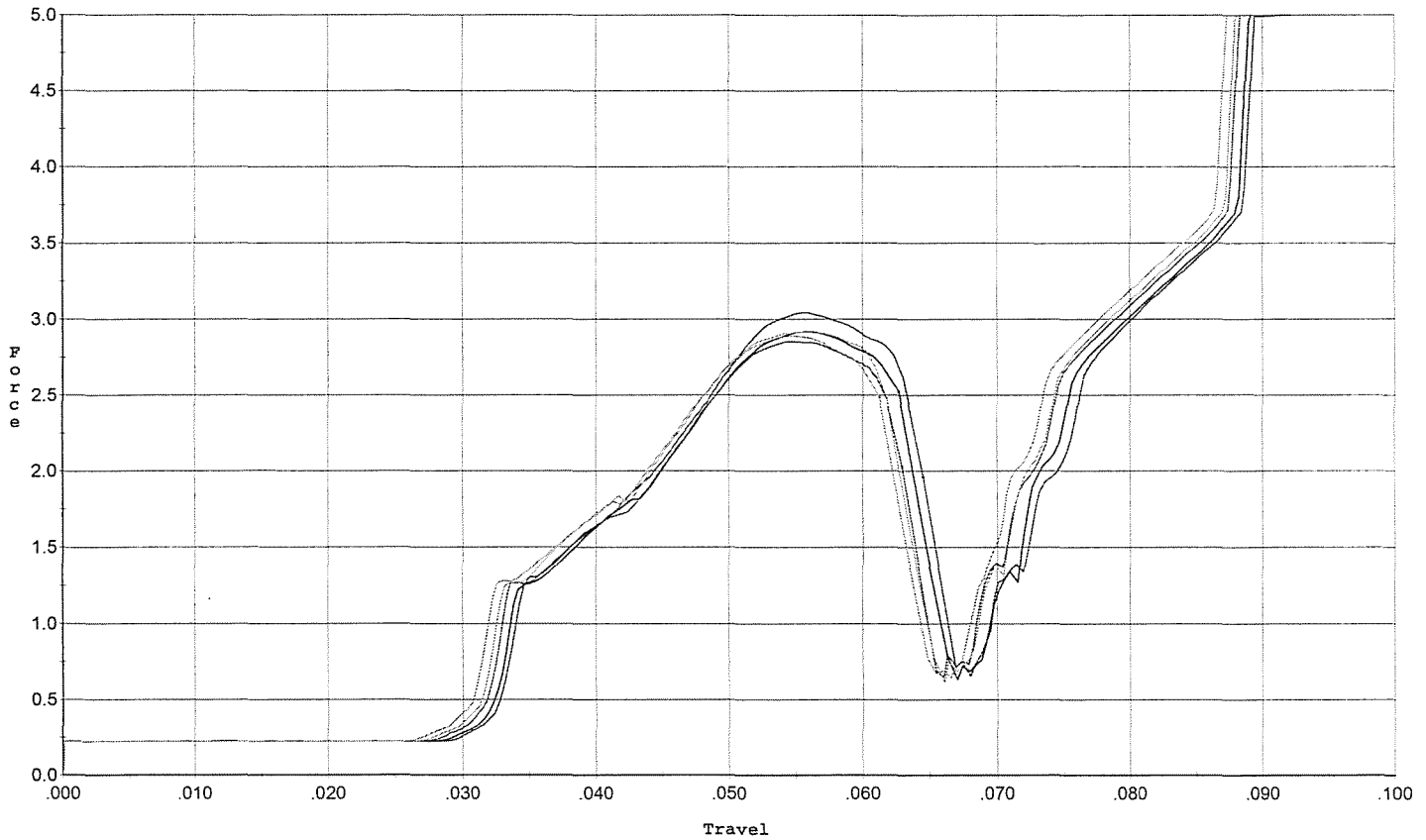
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.488	0.053	0.024	0.032	0.061		Set Trigger
2	2.589	0.052	0.023	0.032	0.062		Set Trigger
3	2.455	0.052	0.023	0.033	0.060		Set Trigger
4	2.455	0.051	0.023	0.033	0.059		Set Trigger
5	2.434	0.052	0.023	0.033	0.059		Set Trigger

2.48 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

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



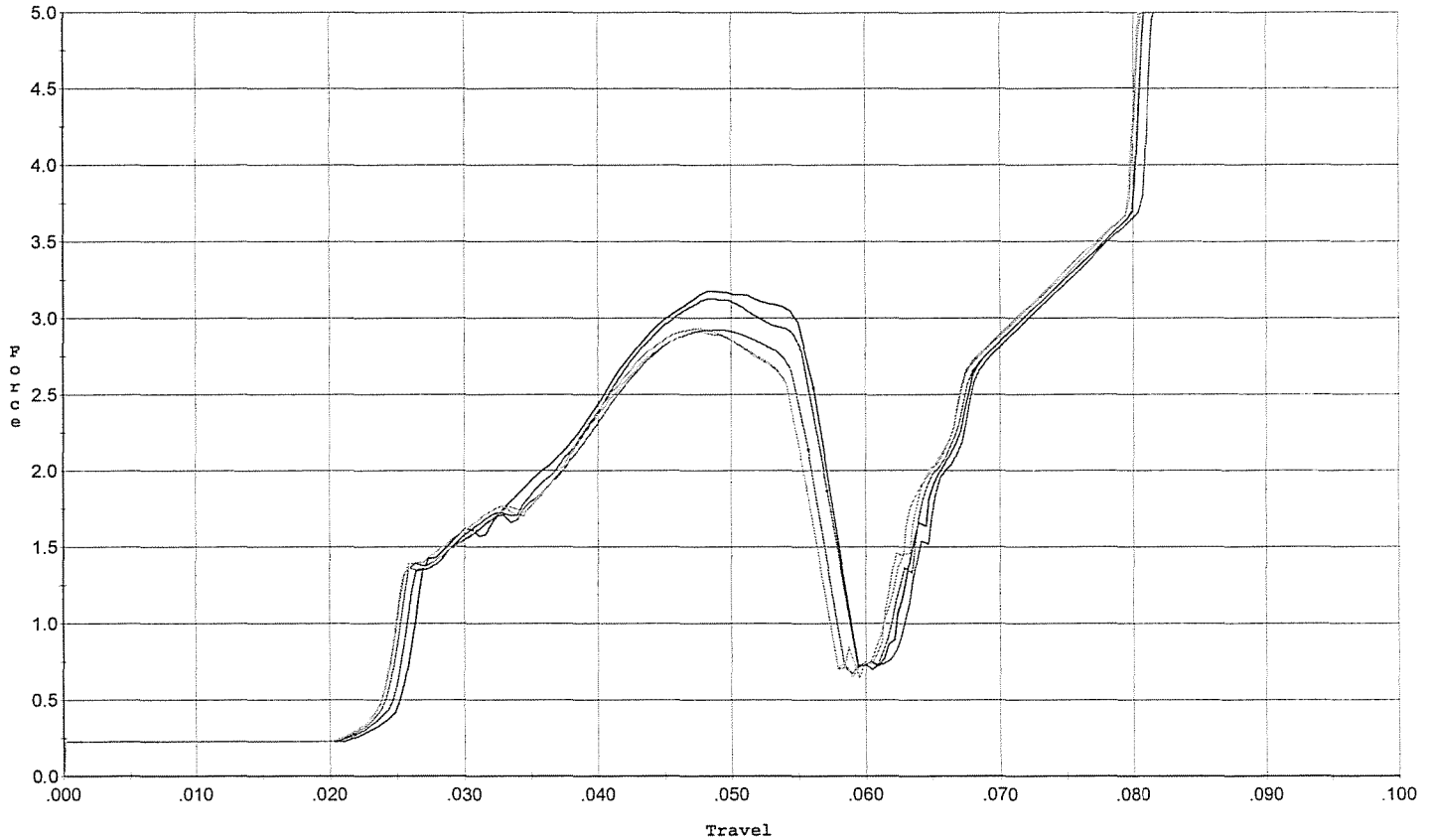
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.044	0.065	0.033	0.031	0.079		Set Trigger
2	2.918	0.063	0.032	0.032	0.074		Set Trigger
3	2.855	0.063	0.032	0.032	0.074		Set Trigger
4	2.918	0.062	0.032	0.032	0.074		Set Trigger
5	2.888	0.061	0.031	0.031	0.073		Set Trigger

2.93 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

Model: M/24
Serial No: Form #F005
Trigger: 3. lbs. after 20 cycles +/- .75 lbs.



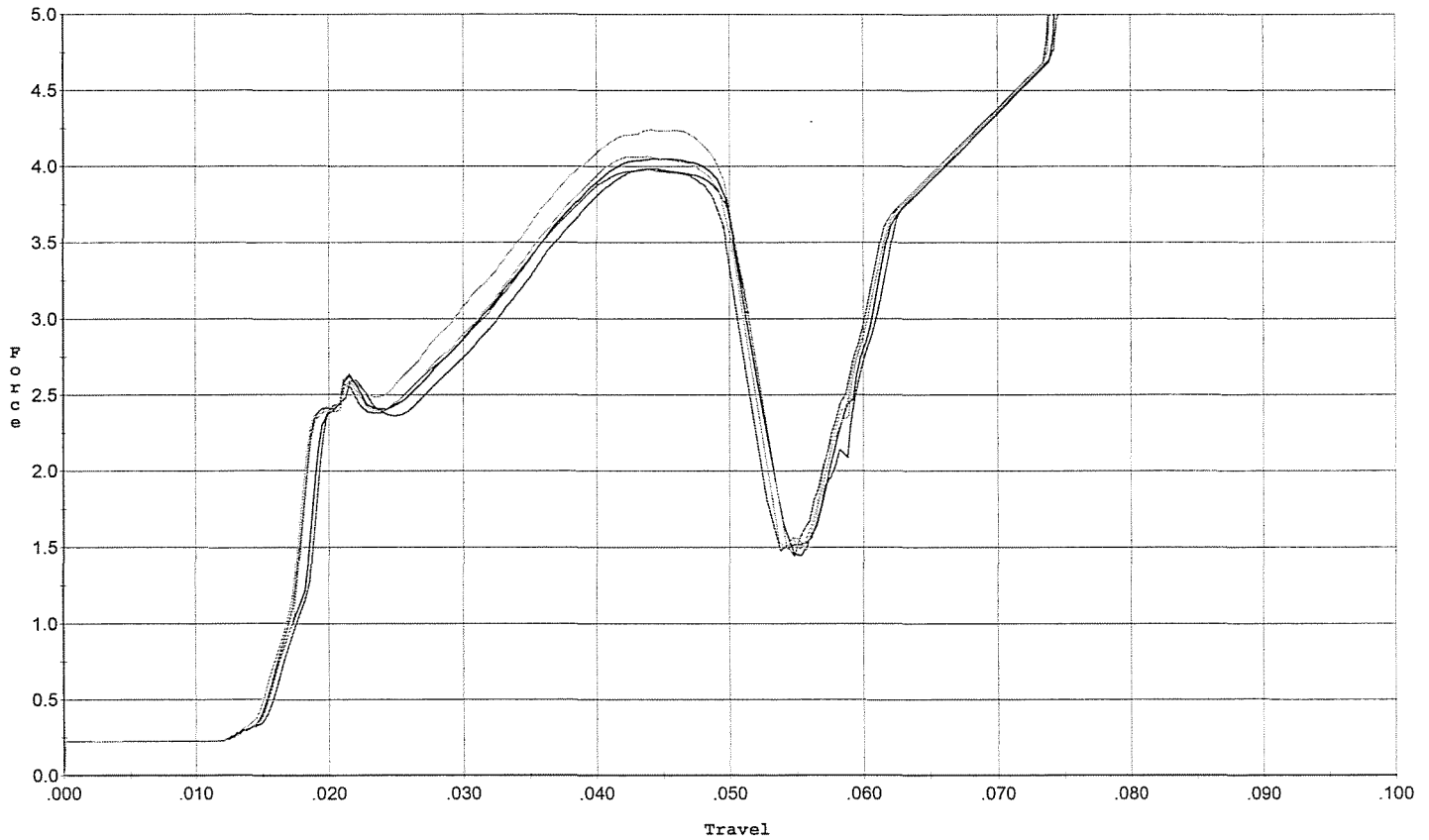
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.126	0.057	0.025	0.029	0.080		Set Trigger
2	3.175	0.056	0.025	0.029	0.080		Set Trigger
3	2.923	0.056	0.024	0.030	0.075		Set Trigger
4	2.932	0.056	0.024	0.030	0.074		Set Trigger
5	2.912	0.056	0.024	0.030	0.074		Set Trigger

3.01 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

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



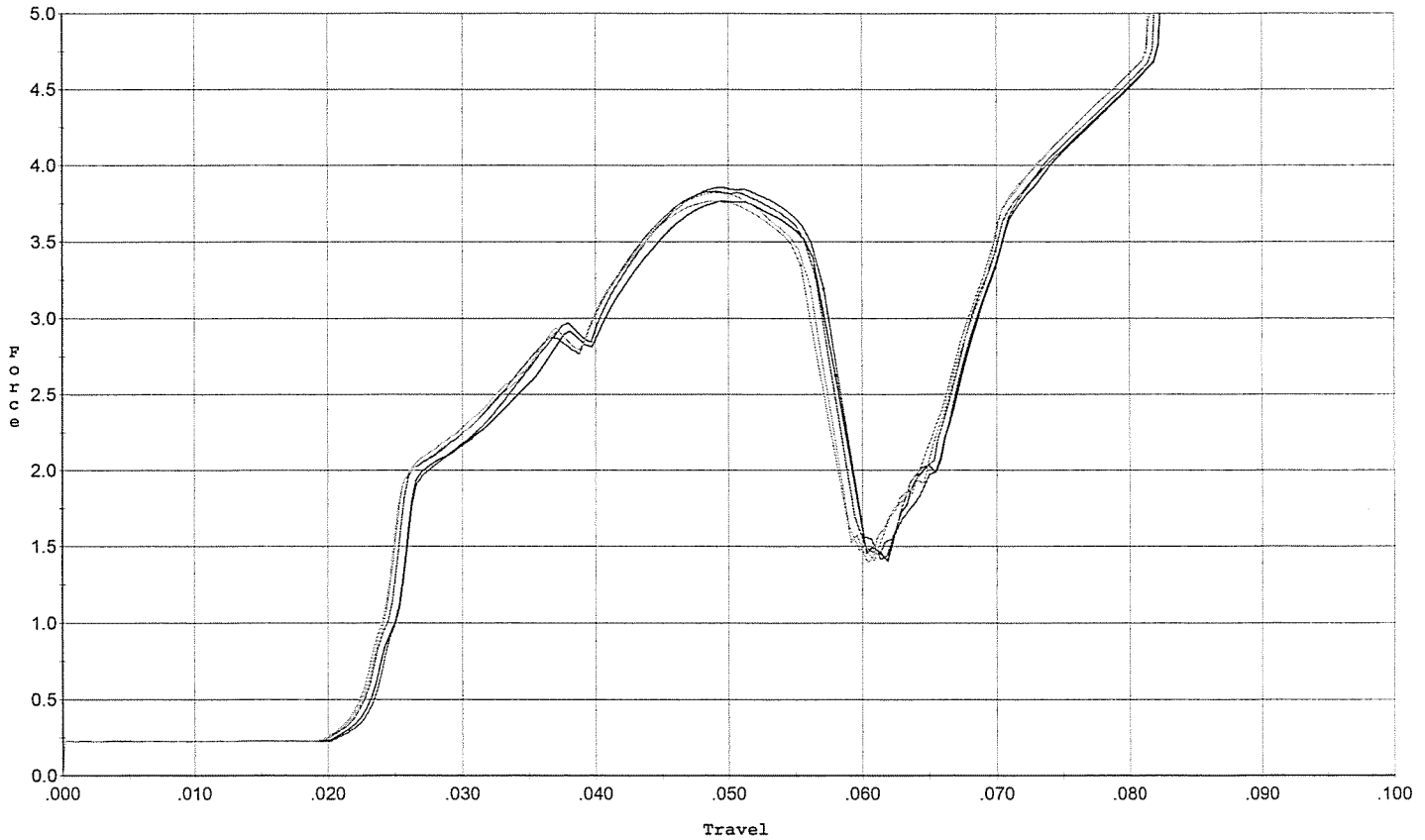
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.986	0.051	0.015	0.025	0.109		Set Trigger
2	4.051	0.050	0.015	0.025	0.108		Set Trigger
3	3.985	0.050	0.015	0.025	0.106		Set Trigger
4	4.069	0.050	0.015	0.025	0.110		Set Trigger
5	4.244	0.051	0.015	0.024	0.117		Set Trigger

4.07 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

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



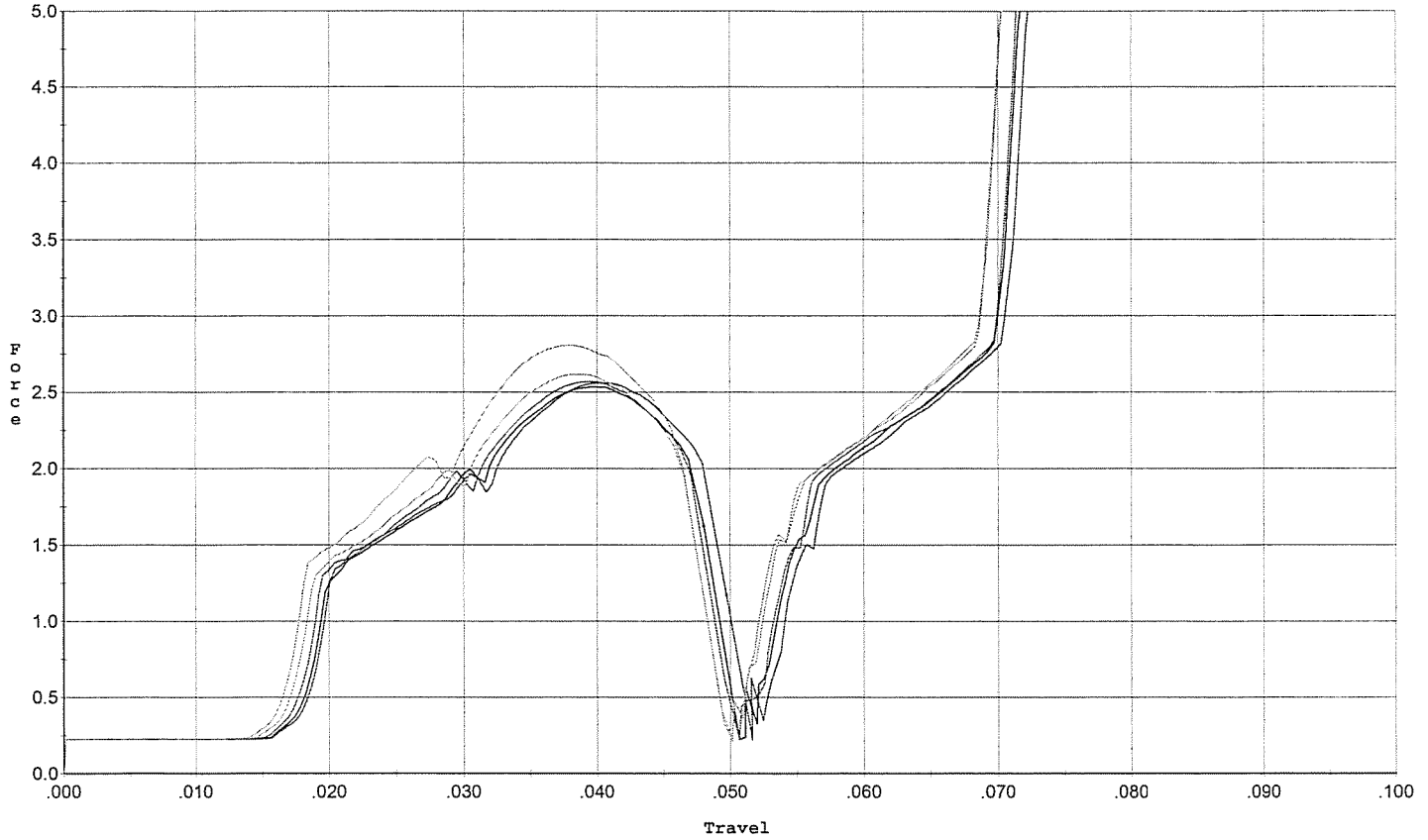
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.855	0.057	0.023	0.027	0.104		Set Trigger
2	3.764	0.058	0.023	0.027	0.104		Set Trigger
3	3.830	0.057	0.022	0.027	0.104		Set Trigger
4	3.820	0.056	0.022	0.027	0.102		Set Trigger
5	3.766	0.055	0.022	0.028	0.100		Set Trigger

3.81 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: 12/17/07 M. McKinney

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



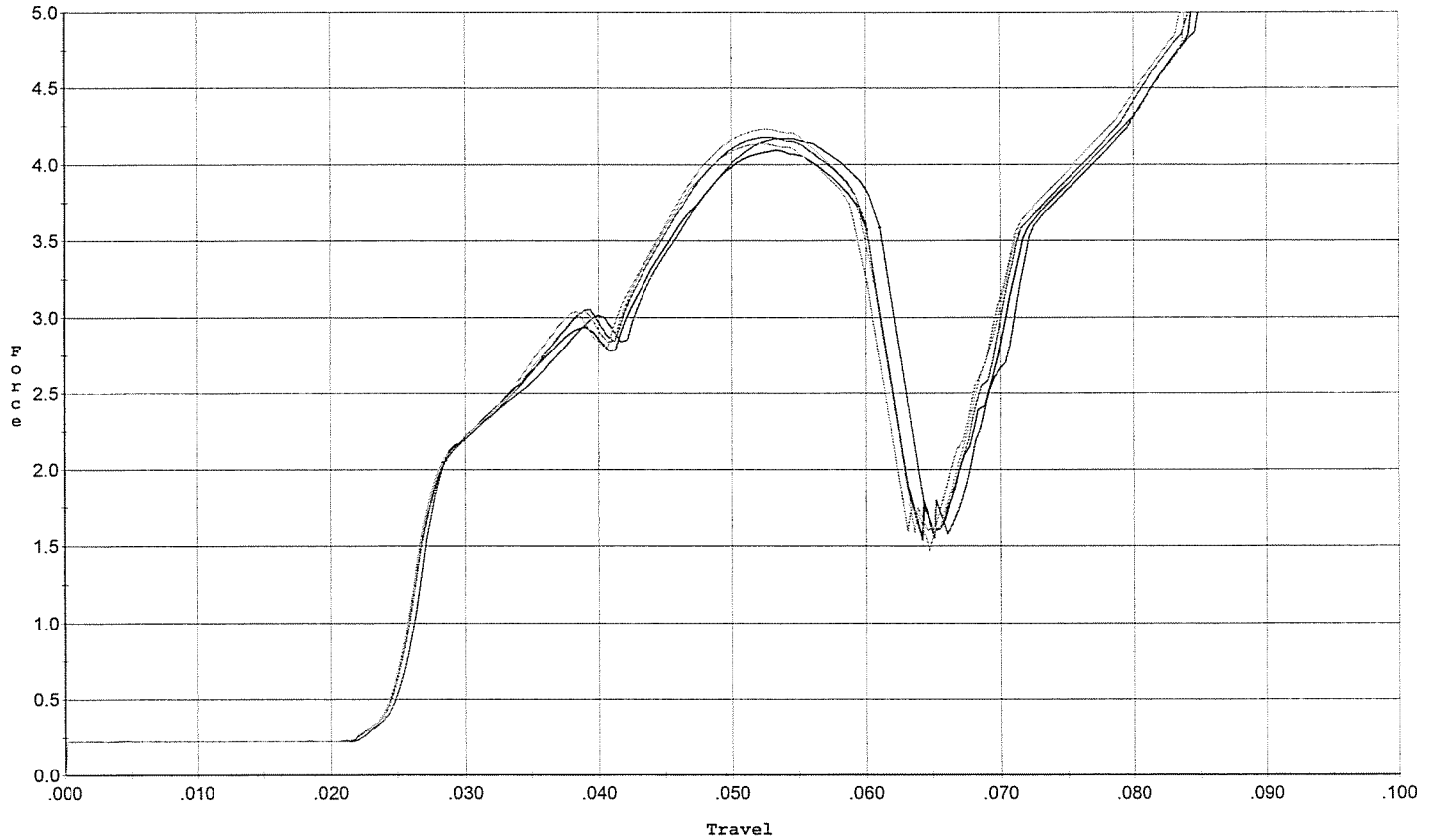
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.561	0.050	0.018	0.028	0.065		Set Trigger
2	2.534	0.048	0.018	0.028	0.062		Set Trigger
3	2.569	0.047	0.017	0.029	0.062		Set Trigger
4	2.616	0.047	0.017	0.028	0.063		Set Trigger
5	2.807	0.046	0.016	0.027	0.068		Set Trigger

2.62 Avg.

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: 12/17/07 M. McKinney

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	4.171	0.061	0.025	0.027	0.119		Set Trigger
2	4.096	0.060	0.024	0.027	0.115		Set Trigger
3	4.175	0.060	0.024	0.026	0.117		Set Trigger
4	4.231	0.061	0.024	0.026	0.119		Set Trigger
5	4.139	0.060	0.024	0.026	0.116		Set Trigger

4.16 Avg.