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

BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

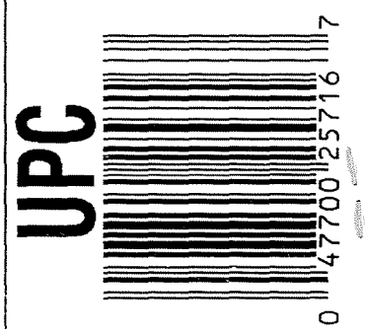
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6577251



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.

BARBER - M24 0087451 **INSPECTION CHECKLIST-NEW GUNS**

GUN SERIAL # G6577251

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-12-06	RTC
420	ASSEMBLE ACTION		10-12-06	RTC
430	ASSEMBLE TO STOCK			
440	PROOF		10-13-06	TRW
460	CHECK HEADSPACE		10-13-06	TRW
470	DIS-ASSEMBLE ACTION		10-13-06	DK
480	MAGNAFLUX BBL ACTION	Cleared	10/14/06	[illegible]
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-13-06	CW
510	DRILL AND TAP SIGHT HOLES		10-13-06	TRW
520	GOFF BLAST BBL / REC		10-16-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/19/06	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		11-8-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-8-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-8-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-29-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE **2.50 LBS +/- .5 LBS**			

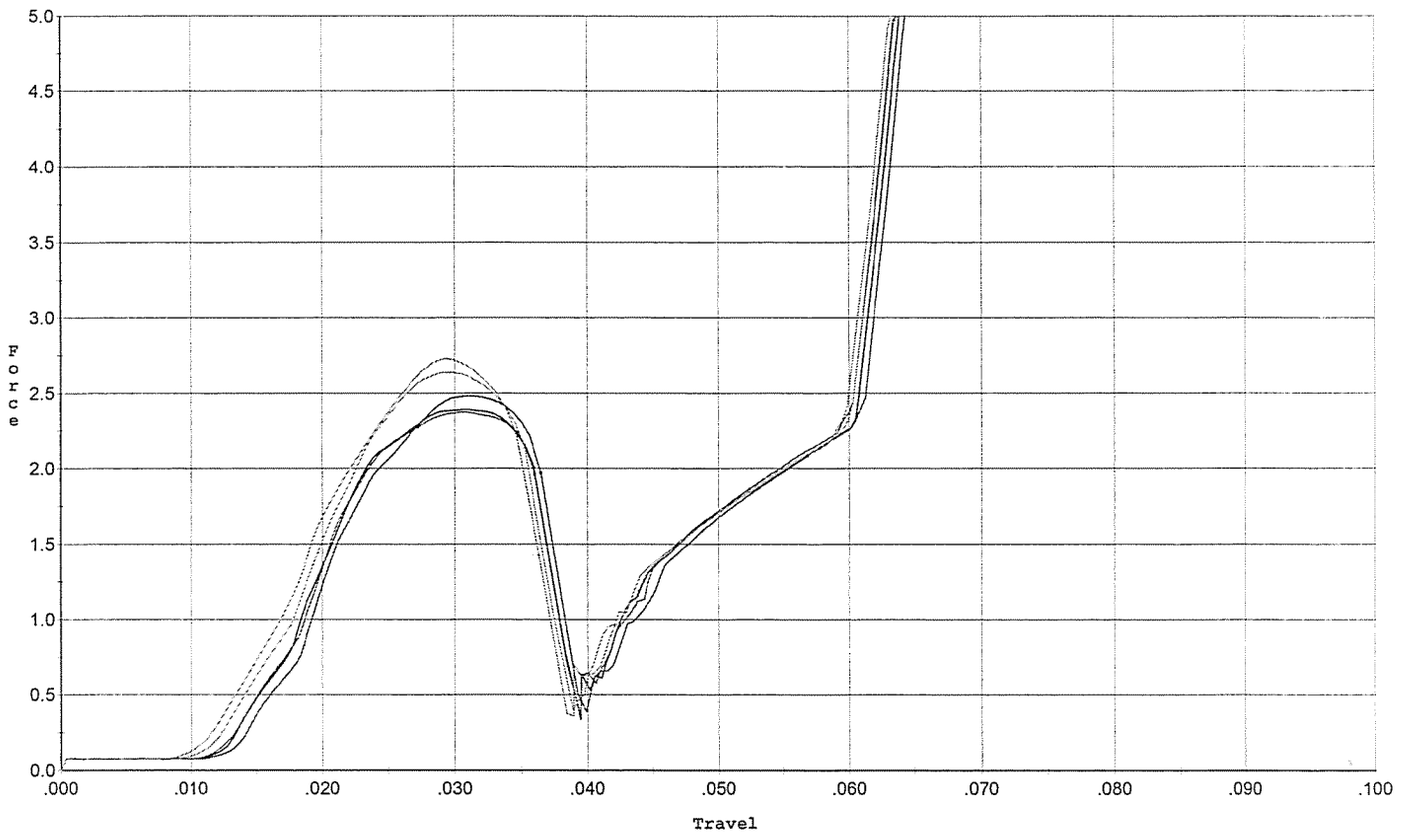
F004 REV 5/2006

OP #	OPERATION NAME BARBER - M24 0087452	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.0 6.0 6.0	11/30/06	DA
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	2.5 2.5 2.5	11/30/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.025 .026 .025	11/30/06	DA
	J) ASSEMBLE STOCK		11-29-06	BLC
	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	11/29/06	NOA
	MALFUNCTION Bolt Release sticks	CORRECTION REPAIRED	12-12-06	BLC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-29-06	[illegible]
670	FINAL INSPECTION A) HEADSPACE		12-12-06	BLC
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.24 2.28 2.44 2.28 2.30	11/30/06	DA
	C) FUNCTION		12-12-06	BLC
690	PACK		1-30-07	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. ini.
Note:	M. Mckinney 11/15/06		



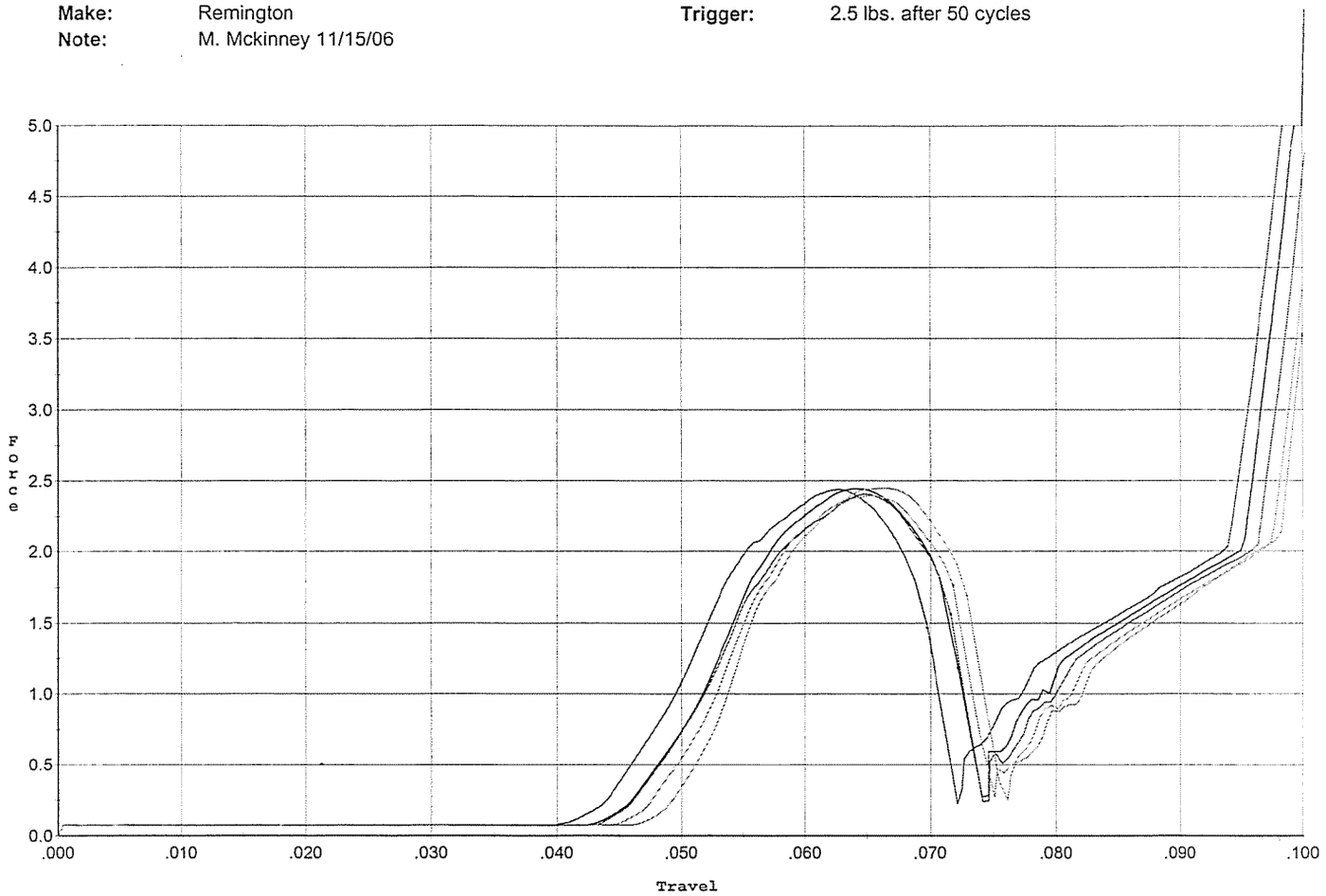
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.483	0.037	0.014	0.032	0.041		Set Trigger
2	2.393	0.036	0.014	0.032	0.040		Set Trigger
3	2.374	0.036	0.014	0.031	0.040		Set Trigger
4	2.636	0.035	0.013	0.032	0.043		Set Trigger
5	2.730	0.036	0.012	0.031	0.046		Set Trigger

2.52 Avg

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 8:58:46 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles
Note:	M. Mckinney 11/15/06		



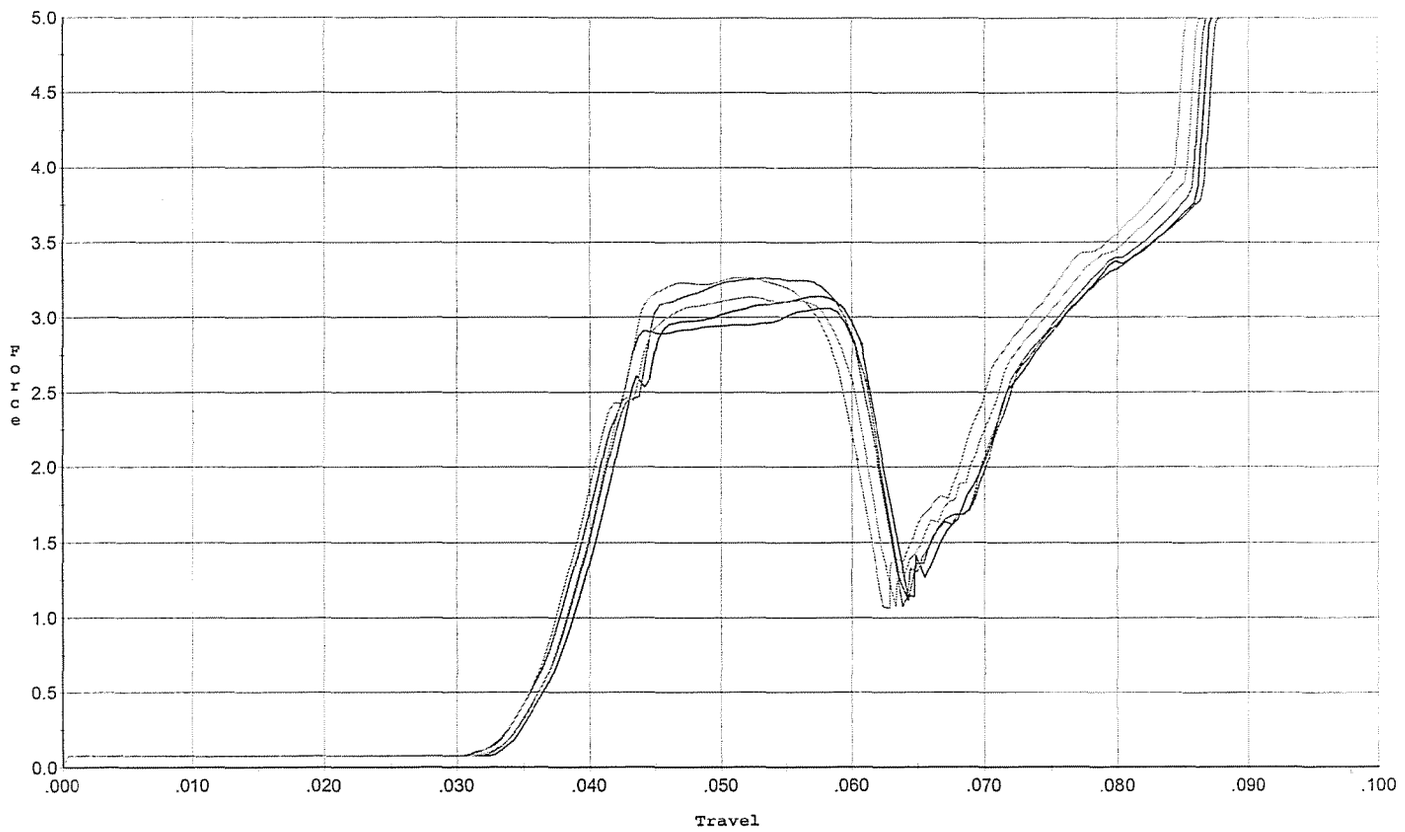
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.440	0.070	0.046	0.037	0.048		Set Trigger
2	2.443	0.072	0.050	0.036	0.048		Set Trigger
3	2.405	0.072	0.049	0.037	0.047		Set Trigger
4	2.396	0.072	0.048	0.037	0.046		Set Trigger
5	2.447	0.073	0.051	0.036	0.047		Set Trigger

2.43 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 9:00:01 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini.
Note:	M. Mckinney 11/15/06		



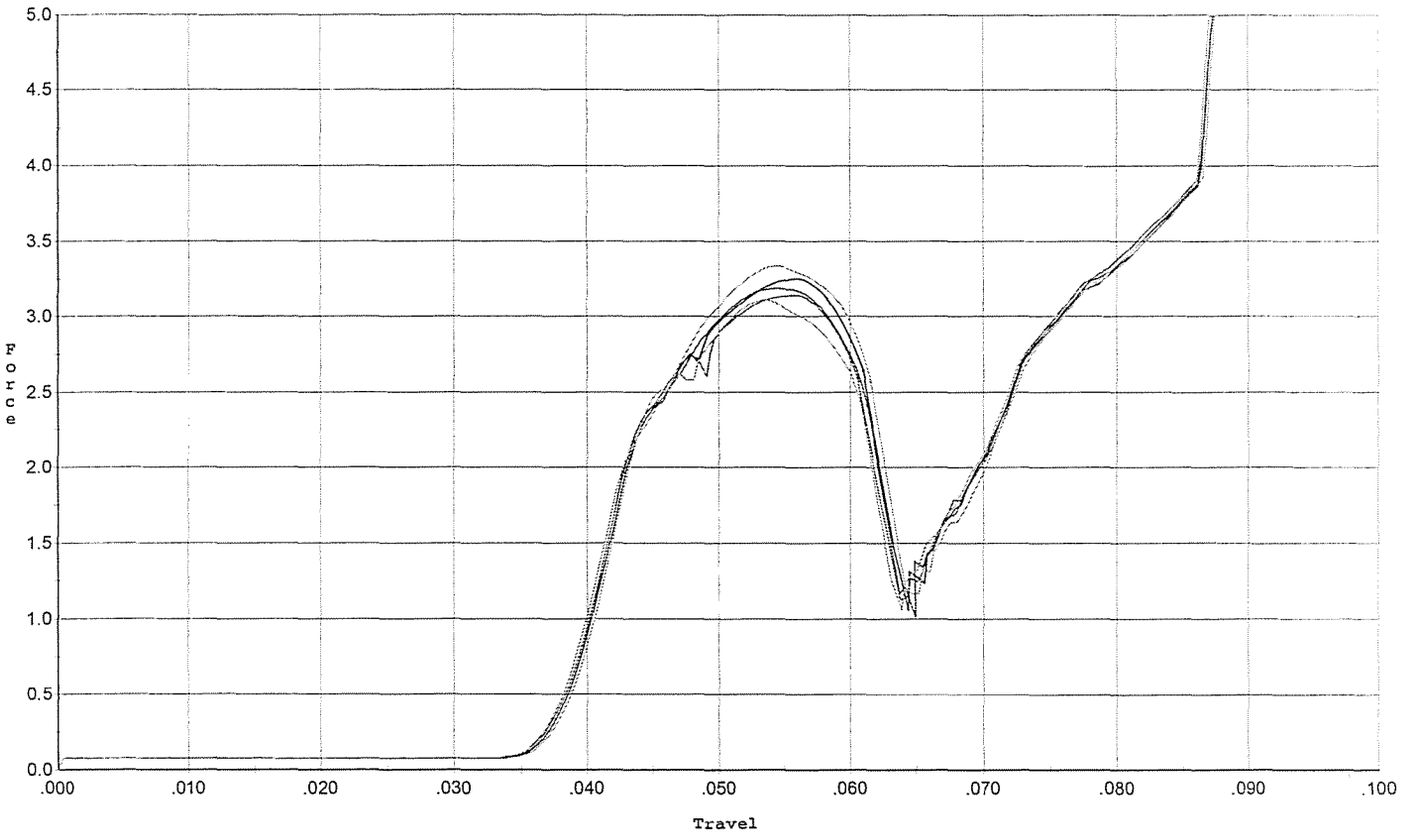
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.059	0.061	0.034	0.033	0.069		Set Trigger
2	3.142	0.061	0.035	0.032	0.067		Set Trigger
3	3.264	0.062	0.035	0.032	0.071		Set Trigger
4	3.138	0.060	0.035	0.032	0.066		Set Trigger
5	3.266	0.060	0.034	0.032	0.069		Set Trigger

3.21 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 9:01:18 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini.
Note:	M. Mckinney 11/15/06		



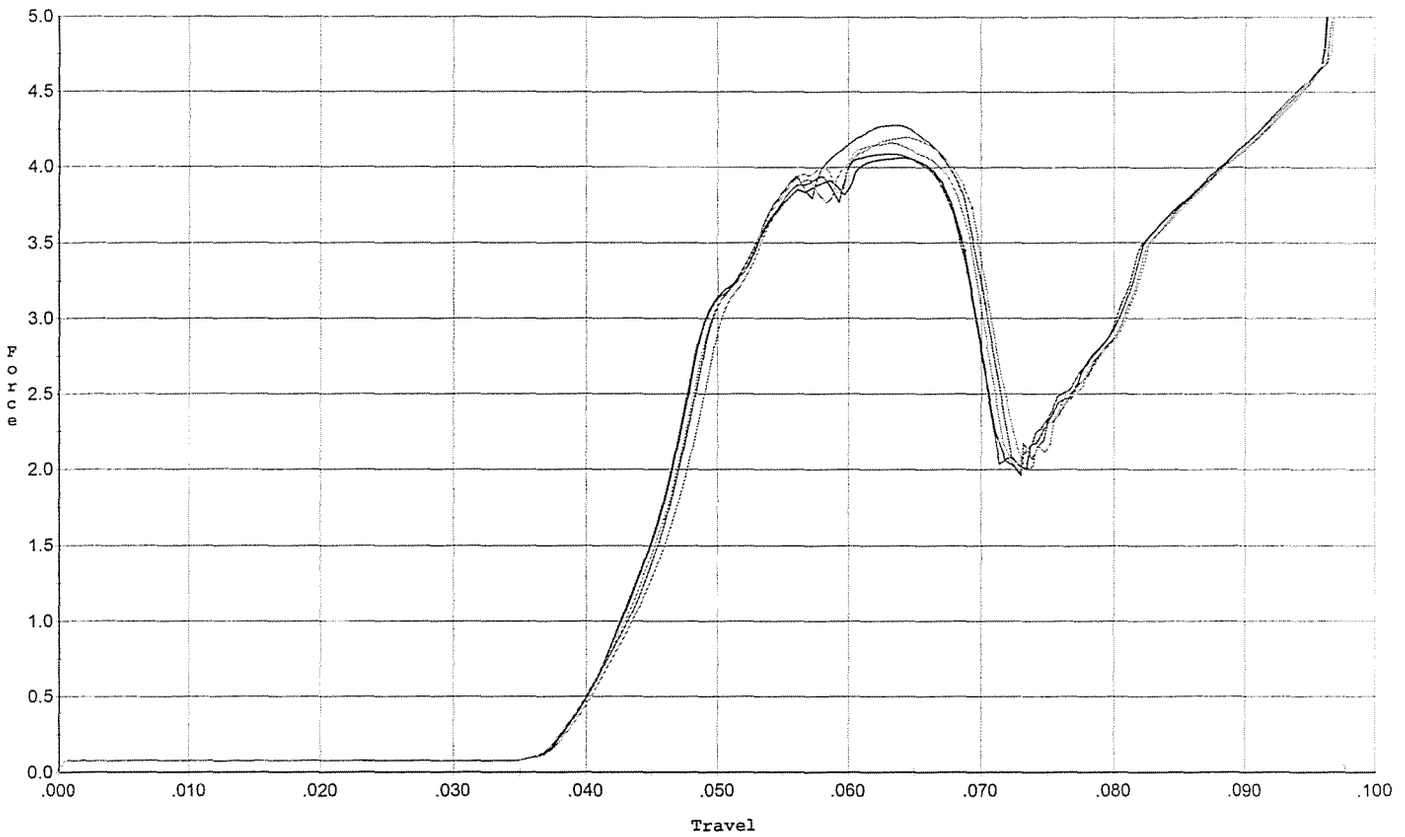
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.188	0.061	0.037	0.032	0.063		Set Trigger
2	3.255	0.061	0.038	0.032	0.063		Set Trigger
3	3.145	0.061	0.037	0.033	0.061		Set Trigger
4	3.339	0.062	0.038	0.032	0.065		Set Trigger
5	3.111	0.061	0.037	0.033	0.060		Set Trigger

3.22 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 9:02:36 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini.
Note:	M. Mckinney 11/15/06		

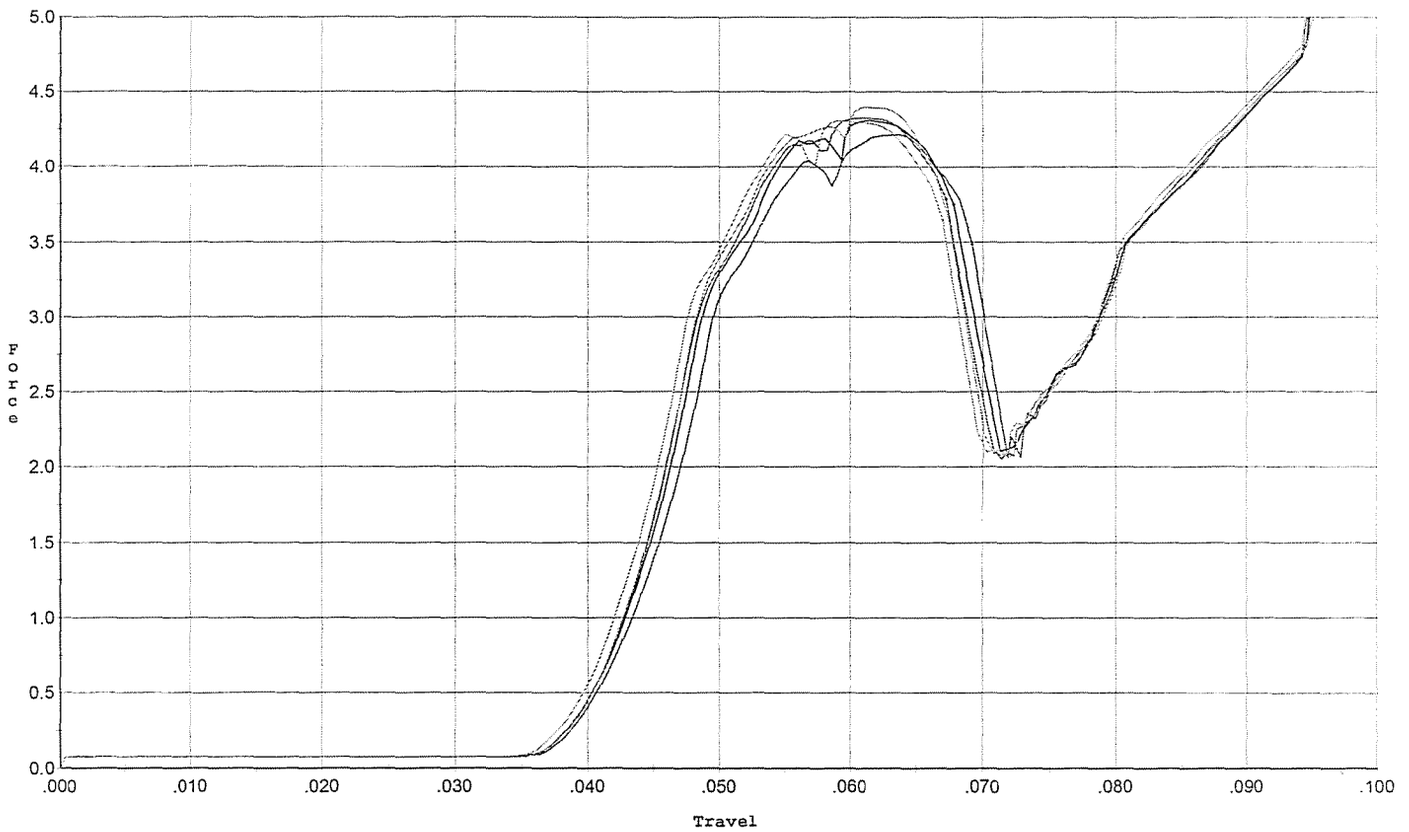


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.088	0.069	0.039	0.032	0.095		Set Trigger
2	4.063	0.069	0.039	0.032	0.094		Set Trigger
3	4.280	0.070	0.040	0.032	0.099		Set Trigger
4	4.162	0.069	0.039	0.032	0.096		Set Trigger
5	4.199	0.069	0.040	0.032	0.096		Set Trigger

4.16 Avg.

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. after 20 cycles
Note:	M. Mckinney 11/15/06		



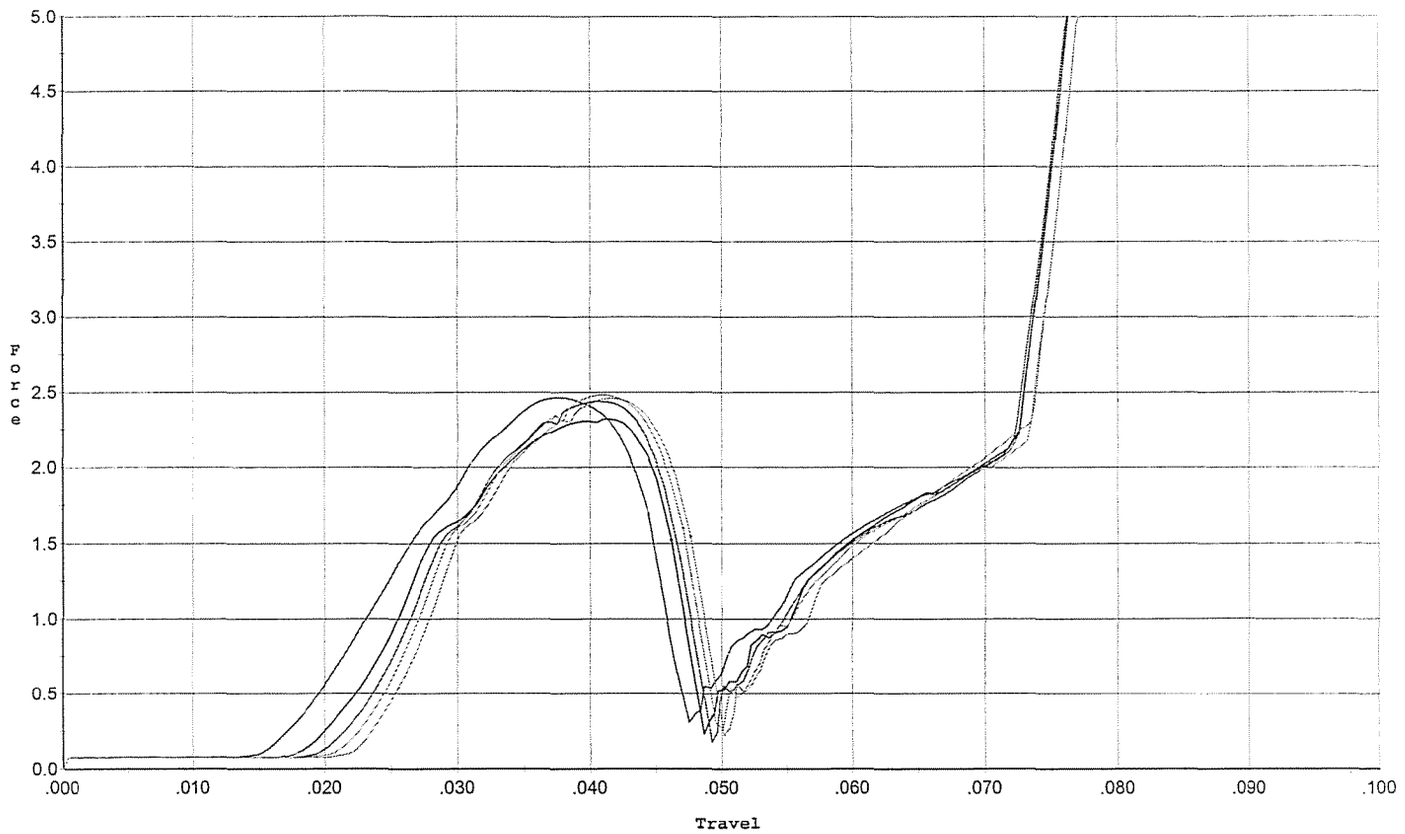
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.214	0.069	0.040	0.030	0.096		Set Trigger
2	4.310	0.068	0.039	0.031	0.096		Set Trigger
3	4.327	0.067	0.039	0.032	0.095		Set Trigger
4	4.304	0.067	0.039	0.032	0.096		Set Trigger
5	4.399	0.067	0.040	0.032	0.096		Set Trigger

4.31 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 9:07:22 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Final Test & To Reset 2.5 lbs.
Note:	M. Mckinney 11/15/06		



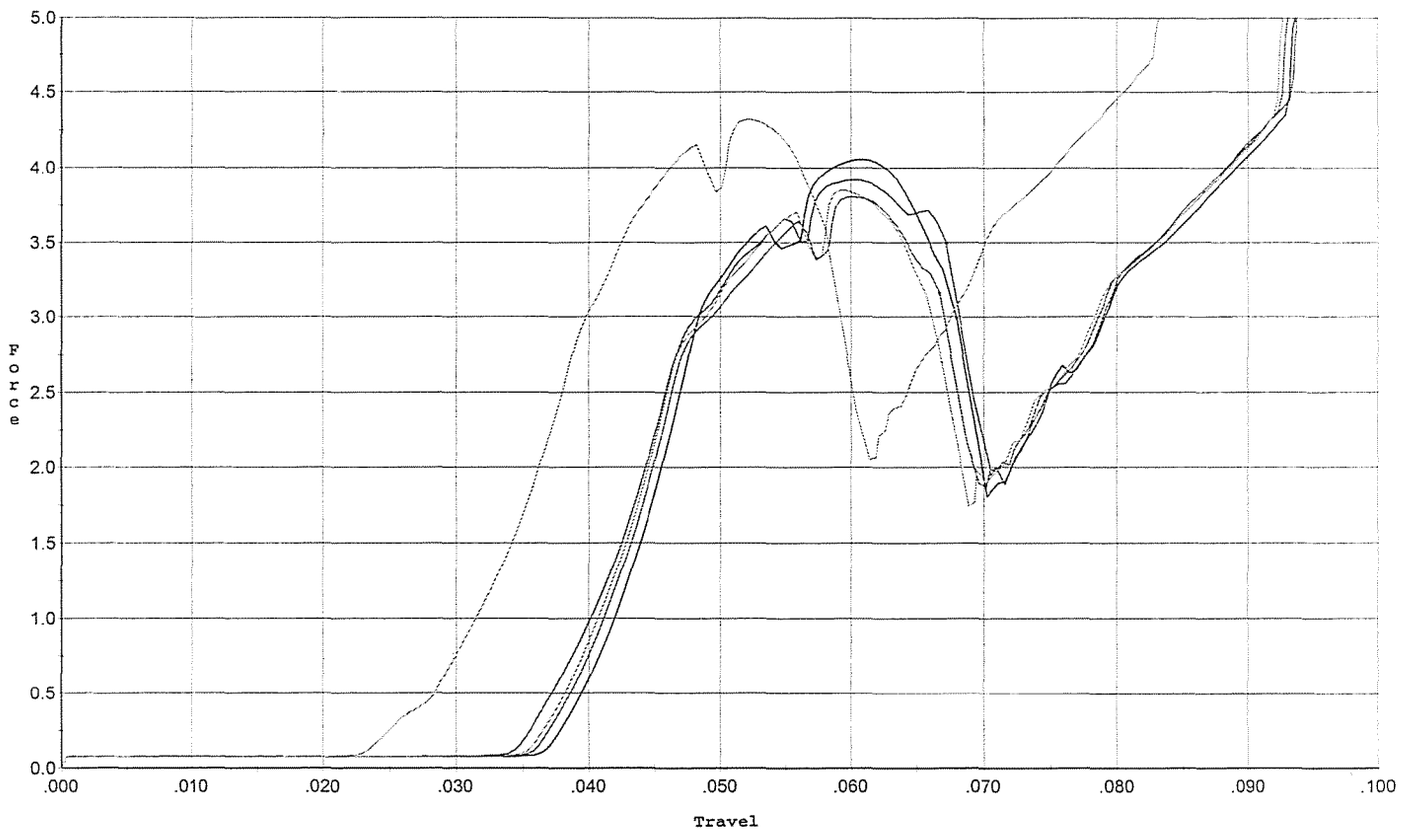
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.461	0.044	0.020	0.036	0.048		Set Trigger
2	2.321	0.046	0.023	0.035	0.045		Set Trigger
3	2.440	0.047	0.023	0.035	0.045		Set Trigger
4	2.483	0.047	0.024	0.035	0.045		Set Trigger
5	2.459	0.048	0.024	0.034	0.045		Set Trigger

2.43 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 9:08:35 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Reset to 4.0 lbs. For Target & Accuracy
Note:	M. Mckinney 11/15/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.921	0.067	0.036	0.031	0.093		Set Trigger
2	4.058	0.068	0.038	0.031	0.091		Set Trigger
3	3.807	0.067	0.037	0.031	0.085		Set Trigger
4	3.850	0.067	0.036	0.032	0.086		Set Trigger
5	4.320	0.058	0.029	0.029	0.095		Set Trigger

3.99 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 9:14:04 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577251.__0
FILE DATE AND TIME: 11/30/2006 05:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

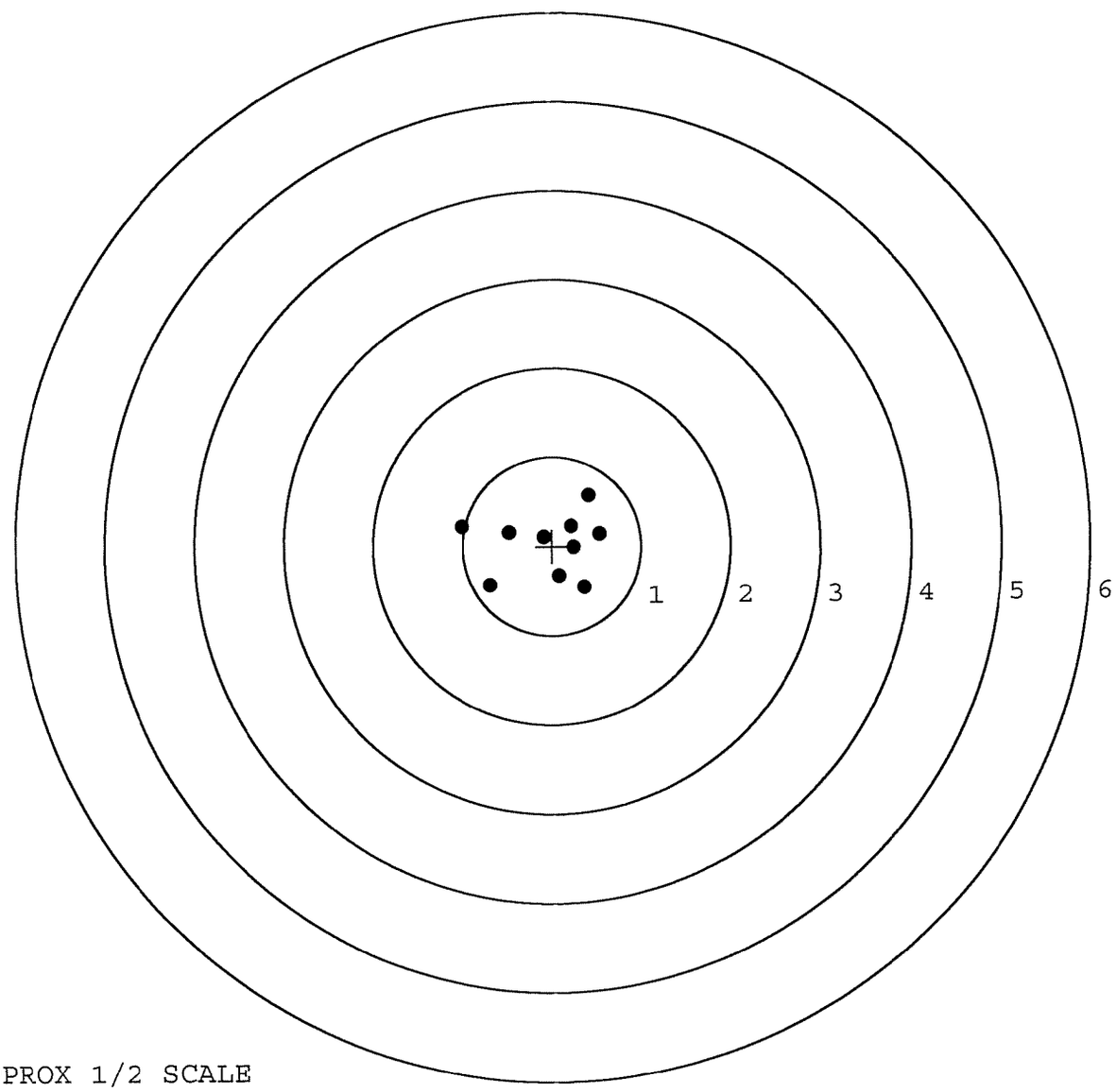
The Average X Centroid of the Five Target Set:	-0.039
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.711
The Distance from POA to Centroid Target #1:	0.046
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.137
The Distance from Centroid Target #4 to Centroid Target #1:	0.078
The Distance from Centroid Target #5 to Centroid Target #1:	0.249

BARBER - M24 0087462

SERIAL NUMBER: G6577251.__0
TARGET NUMBER: 1
FILE DATE: 11/30/2006
FILE TIME: 05:50

X CENTROID:	-0.044
Y CENTROID:	0.016
POA TO CENTROID:	0.046
HORZ SPREAD:	1.550
VERT SPREAD:	1.026
GROUP SPREAD:	1.553
MIN RADIUS:	0.101
MAX RADIUS:	0.990
MEAN RADIUS:	0.527
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.012	0.223
2:	-0.699	-0.434
3:	-0.481	0.159
4:	0.363	-0.460
5:	0.075	-0.334
6:	-0.094	0.104
7:	0.417	0.566
8:	0.214	0.224
9:	0.538	0.134
10:	0.244	-0.018



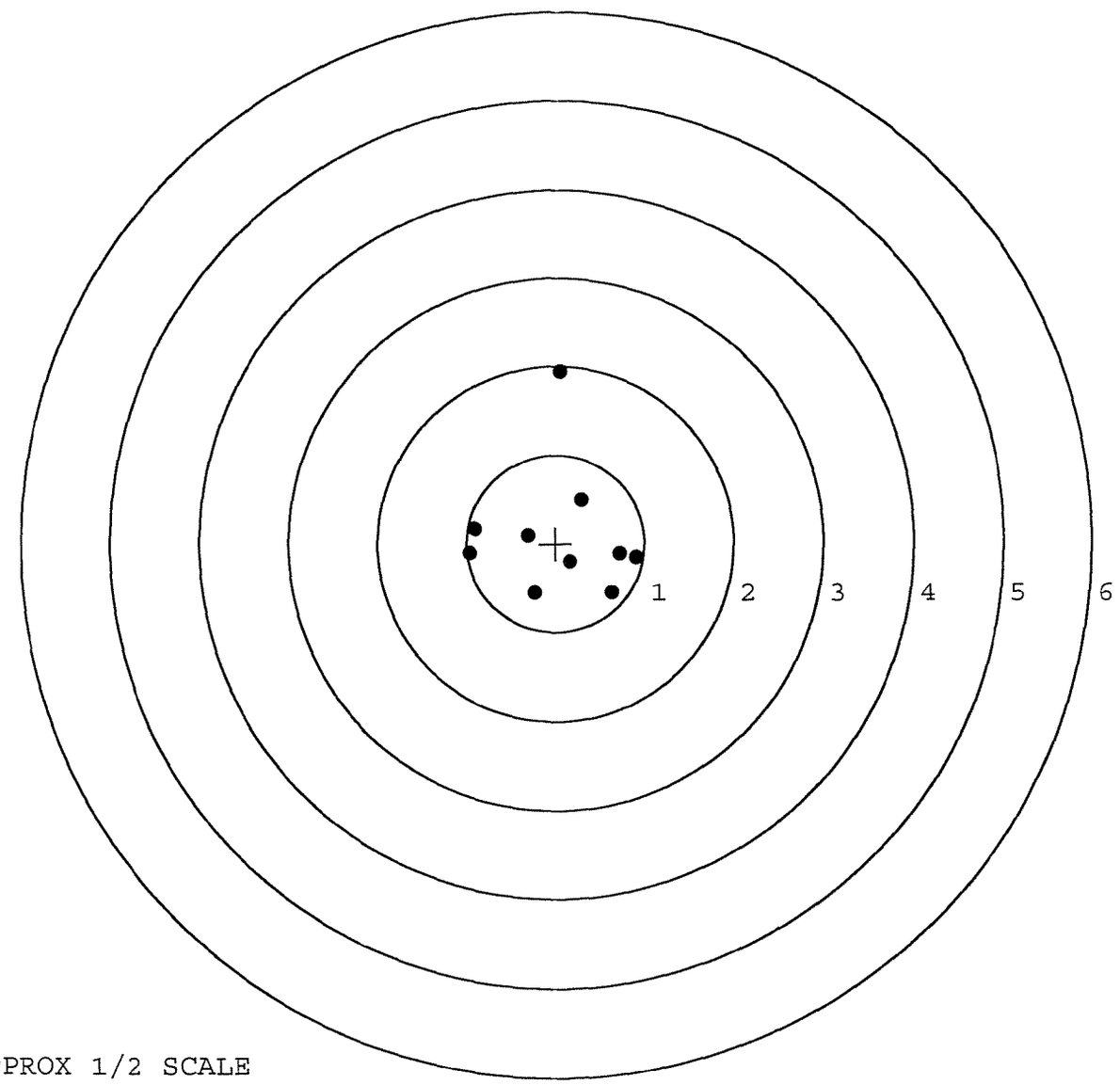
TARGET APPROX 1/2 SCALE

BARBER - M24 0087463

SERIAL NUMBER: G6577251.__0
TARGET NUMBER: 2
FILE DATE: 11/30/2006
FILE TIME: 05:50

X CENTROID:	0.034
Y CENTROID:	0.096
POA TO CENTROID:	0.102
HORZ SPREAD:	1.872
VERT SPREAD:	2.498
GROUP SPREAD:	2.563
MIN RADIUS:	0.332
MAX RADIUS:	1.839
MEAN RADIUS:	0.819
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.042	1.935
2:	0.290	0.489
3:	0.911	-0.155
4:	0.723	-0.117
5:	0.637	-0.558
6:	-0.239	-0.563
7:	0.163	-0.210
8:	-0.317	0.091
9:	-0.961	-0.115
10:	-0.909	0.166

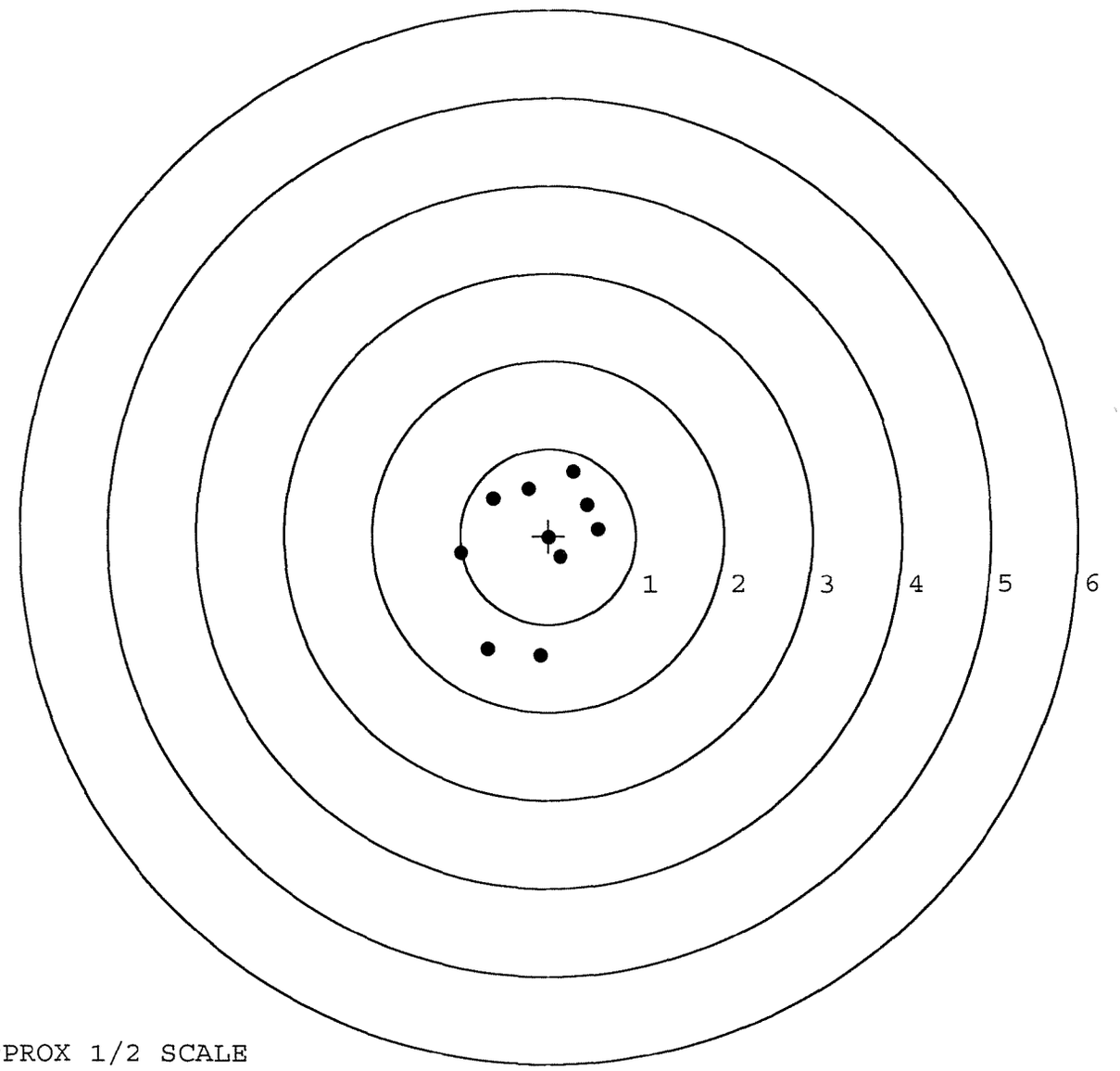


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577251.__0
TARGET NUMBER: 3
FILE DATE: 11/30/2006
FILE TIME: 05:50

X CENTROID:	-0.119
Y CENTROID:	-0.099
POA TO CENTROID:	0.154
HORZ SPREAD:	1.568
VERT SPREAD:	2.083
GROUP SPREAD:	2.234
MIN RADIUS:	0.137
MAX RADIUS:	1.314
MEAN RADIUS:	0.762
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.093	-1.356
2:	-0.684	-1.285
3:	-0.996	-0.195
4:	-0.626	0.423
5:	-0.227	0.538
6:	0.288	0.727
7:	0.452	0.351
8:	0.572	0.075
9:	-0.006	-0.021
10:	0.135	-0.243



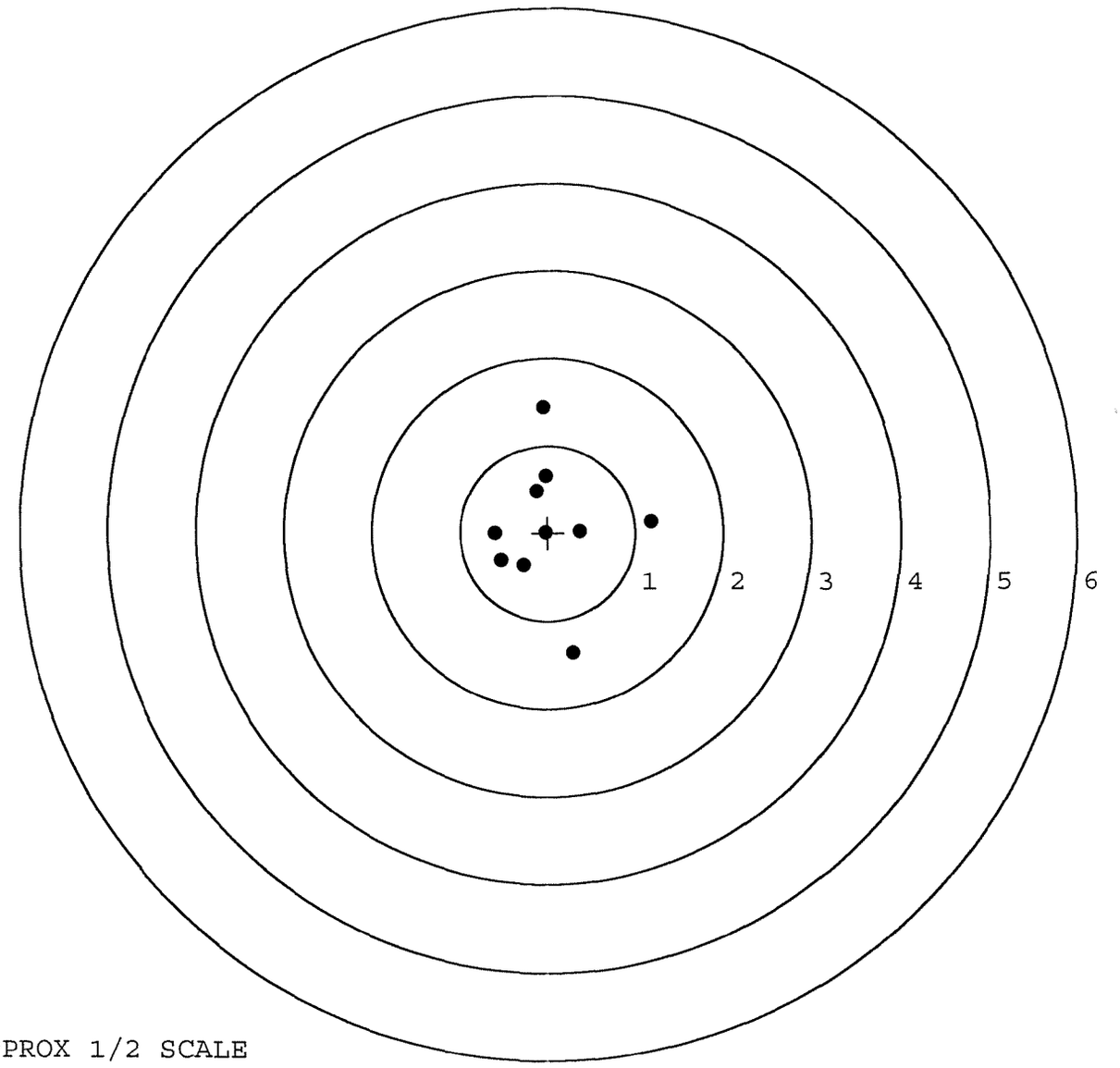
TARGET APPROX 1/2 SCALE

BARBER - M24 0087465

SERIAL NUMBER: G6577251.__0
TARGET NUMBER: 4
FILE DATE: 11/30/2006
FILE TIME: 05:50

X CENTROID:	0.017
Y CENTROID:	0.065
POA TO CENTROID:	0.067
HORZ SPREAD:	1.790
VERT SPREAD:	2.795
GROUP SPREAD:	2.818
MIN RADIUS:	0.077
MAX RADIUS:	1.453
MEAN RADIUS:	0.727
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.296	-1.361
2:	1.186	0.131
3:	0.369	0.019
4:	-0.062	1.434
5:	-0.029	0.649
6:	-0.136	0.474
7:	-0.028	0.003
8:	-0.283	-0.369
9:	-0.536	-0.316
10:	-0.604	-0.012



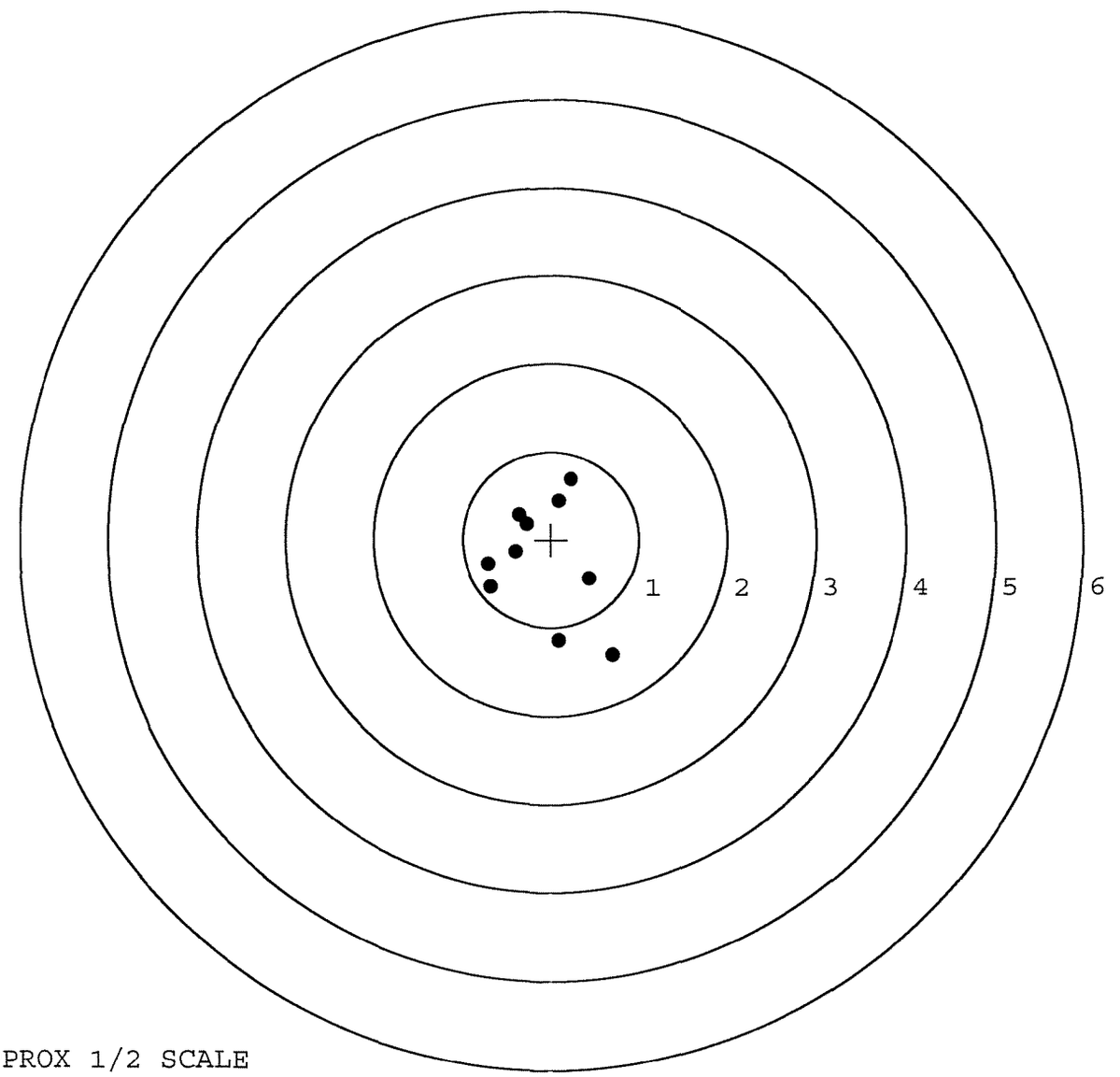
TARGET APPROX 1/2 SCALE

BARBER - M24 0087466

SERIAL NUMBER: G6577251.__0
TARGET NUMBER: 5
FILE DATE: 11/30/2006
FILE TIME: 05:50

X CENTROID:	-0.086
Y CENTROID:	-0.229
POA TO CENTROID:	0.244
HORZ SPREAD:	1.413
VERT SPREAD:	2.003
GROUP SPREAD:	2.058
MIN RADIUS:	0.325
MAX RADIUS:	1.339
MEAN RADIUS:	0.717
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.703	-1.311
2:	0.093	-1.153
3:	0.446	-0.450
4:	-0.674	-0.543
5:	-0.710	-0.283
6:	-0.400	-0.144
7:	-0.360	0.283
8:	0.230	0.692
9:	0.089	0.444
10:	-0.279	0.178



TARGET APPROX 1/2 SCALE