06-15-96

ORDER 25716

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

UPC

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

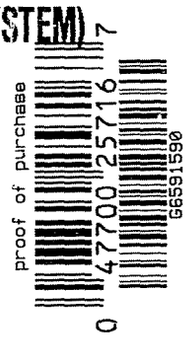
UPC

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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

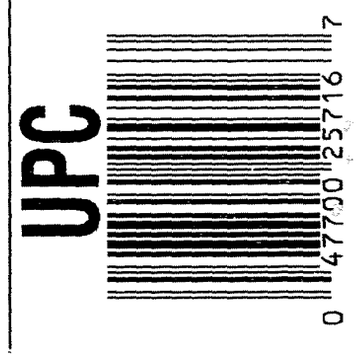
– INSTUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591590



M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591590

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	BLC
420	ASSEMBLE ACTION		10-7-06	BLC
430	ASSEMBLE TO STOCK		10-7-06	BLC
440	PROOF		10-7-06	TRW
460	CHECK HEADSPACE	INSPECTED OCT 12 2006	10-7-06	TRW
470	DIS-ASSEMBLE ACTION		10-7-06	TRW
480	MAGNAFLUX BBL ACTION	INSPECTOR	10-9-06	RJC
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CW
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-13-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION) (BOLT)		10/16	HC
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10-24-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-24-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-24-06	SD
	D) OIL FIRING PIN ASSEMBLY		10-30-06	RR
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

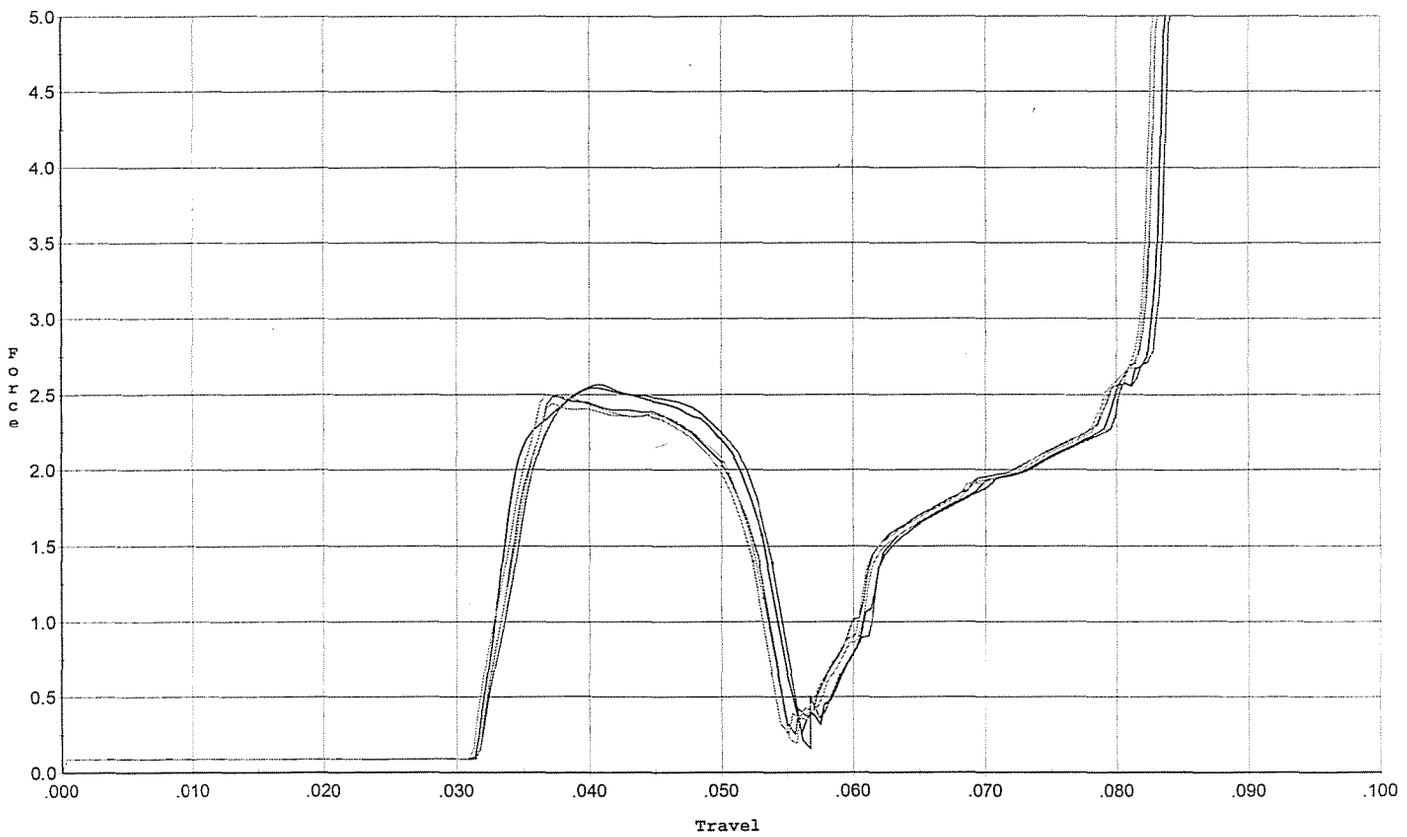
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE (2 LBS MIN 10 LBS MAX)	5# 4# 5#	11-14-06	SD
CONT.	G) SAFETY OFF FORCE (2 LBS MIN)	8# 7# 7#	11-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT (.020 MIN)	.025 .025 .024	11-14-06	SD
	J) ASSEMBLE STOCK		10-30-06	RTC
	K) ASSEMBLE SWIVEL STUDS		11-14-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-30-06	RTC
	M) IRON SIGHT ALIGNMENT		10-30-06	RTC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-30-06	RTC
640 &	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	11-4-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-4-06	DK
670	FINAL INSPECTION A) HEADSPACE		11-14-06	L.P.D.
	B) TRIGGER PULL (+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS)	260 240 258 240 252	11-11-06	RP
	C) FUNCTION		11-14-06	L.P.D.
690	PACK		11-7-06	DA

N/A

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:	R. Putch 10/18/06		



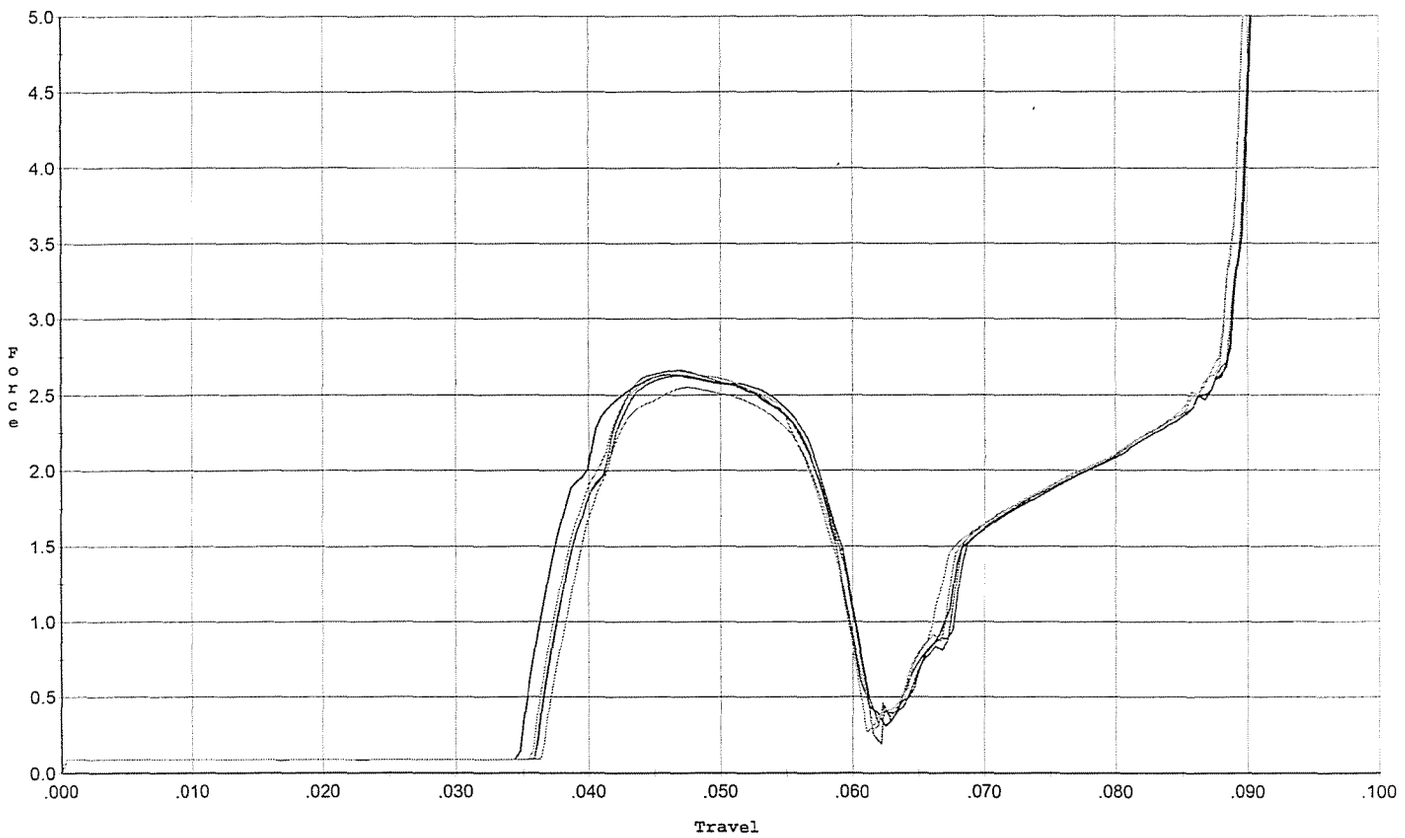
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.545	0.054	0.032	0.035	0.049		Set Trigger
2	2.566	0.053	0.032	0.035	0.050		Set Trigger
3	2.491	0.053	0.032	0.035	0.046		Set Trigger
4	2.444	0.053	0.032	0.035	0.046		Set Trigger
5	2.501	0.052	0.031	0.035	0.046		Set Trigger

AVG 250

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 1:09:31 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:	R. Putch 10/18/06		



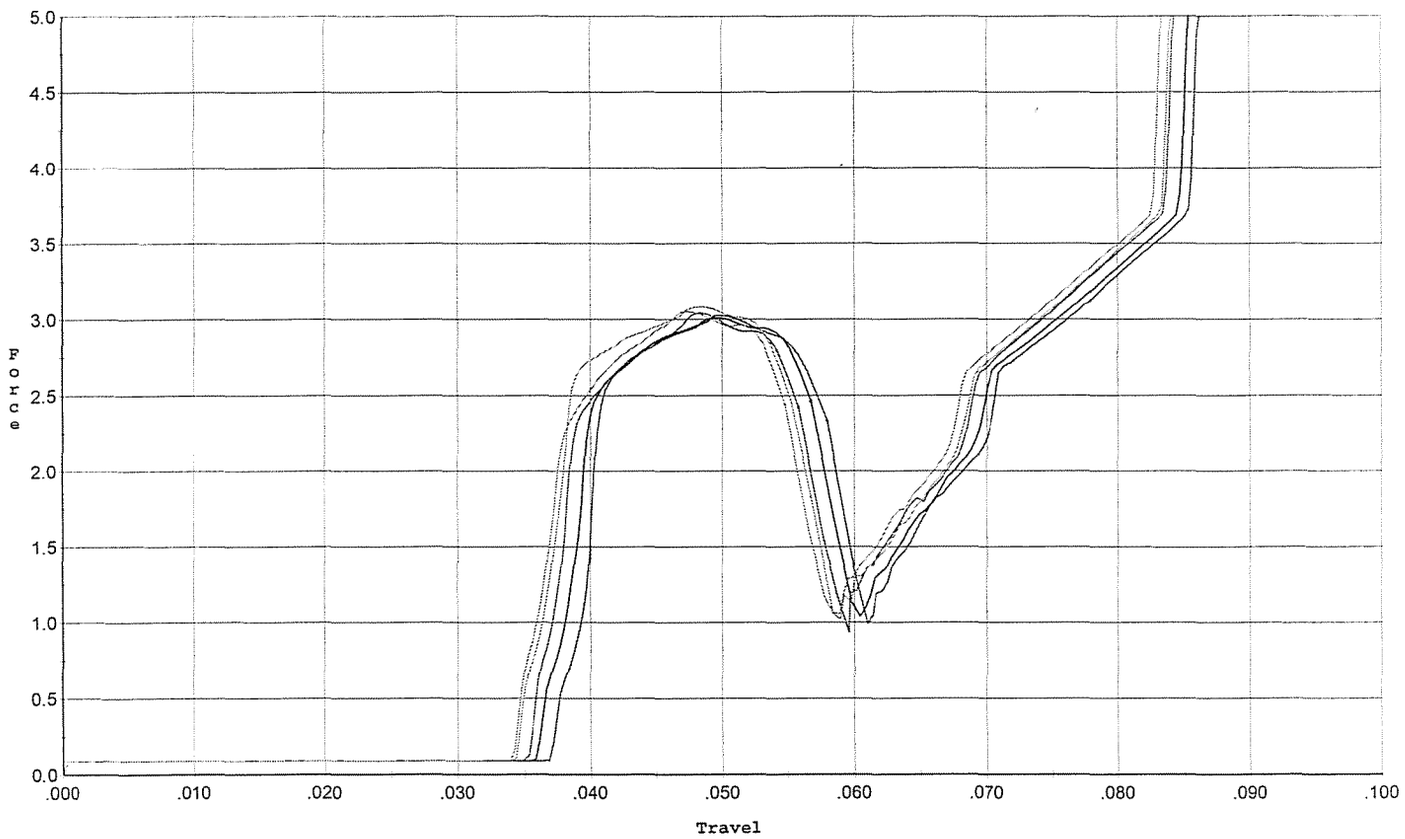
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.628	0.059	0.036	0.037	0.053		Set Trigger
2	2.634	0.059	0.035	0.037	0.055		Set Trigger
3	2.664	0.059	0.036	0.037	0.053		Set Trigger
4	2.658	0.059	0.036	0.037	0.053		Set Trigger
5	2.552	0.059	0.037	0.037	0.050		Set Trigger

AVG 2.62

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 1:18:00 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. ini.
Note:	R. Putch 10/18/06		



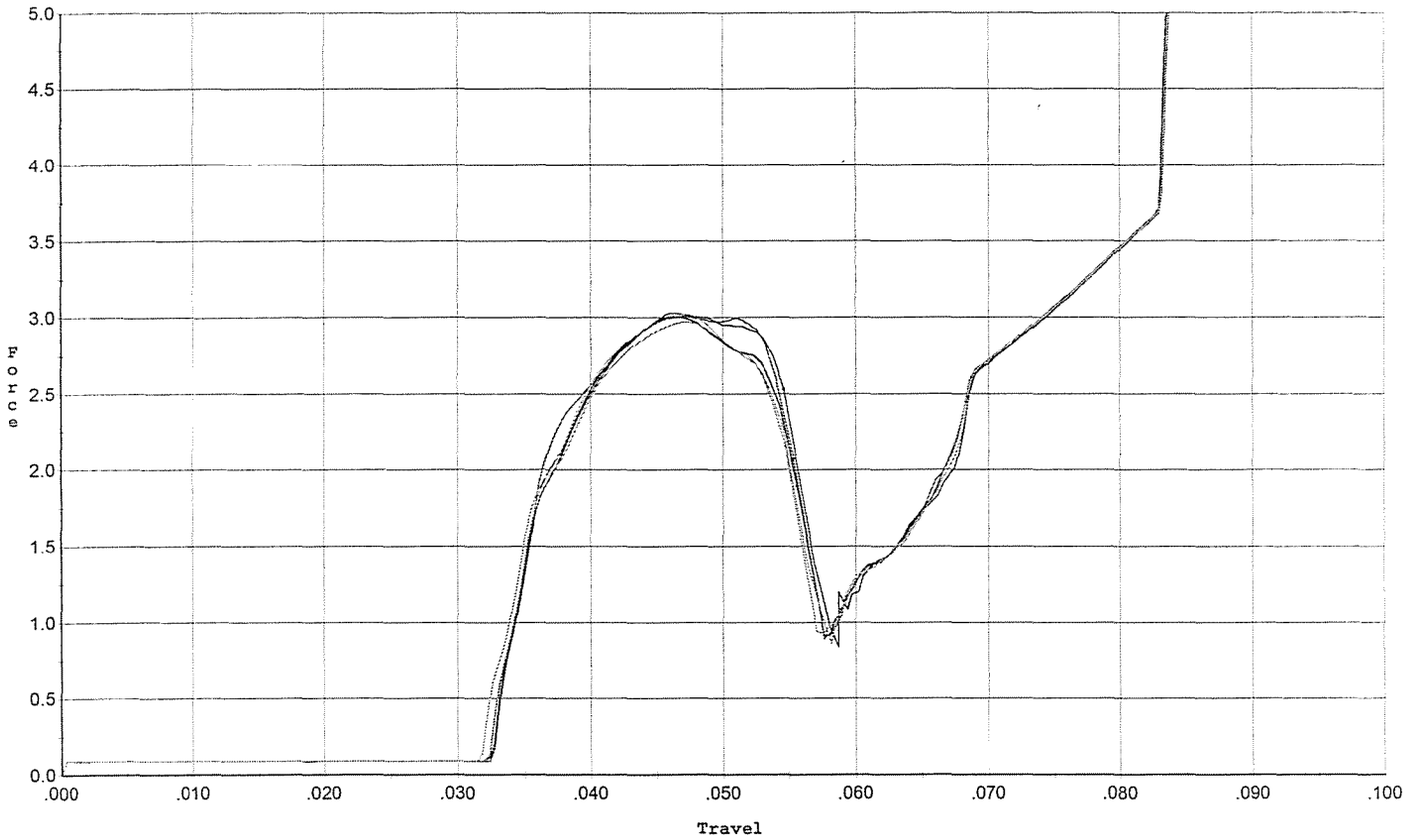
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.026	0.058	0.037	0.034	0.057		Set Trigger
2	3.010	0.057	0.036	0.034	0.057		Set Trigger
3	3.042	0.056	0.036	0.034	0.056		Set Trigger
4	3.082	0.057	0.035	0.034	0.060		Set Trigger
5	3.053	0.055	0.034	0.034	0.056		Set Trigger

AVG 3.04

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs.after 20 cycles
Note:	R. Putch 10/18/06		



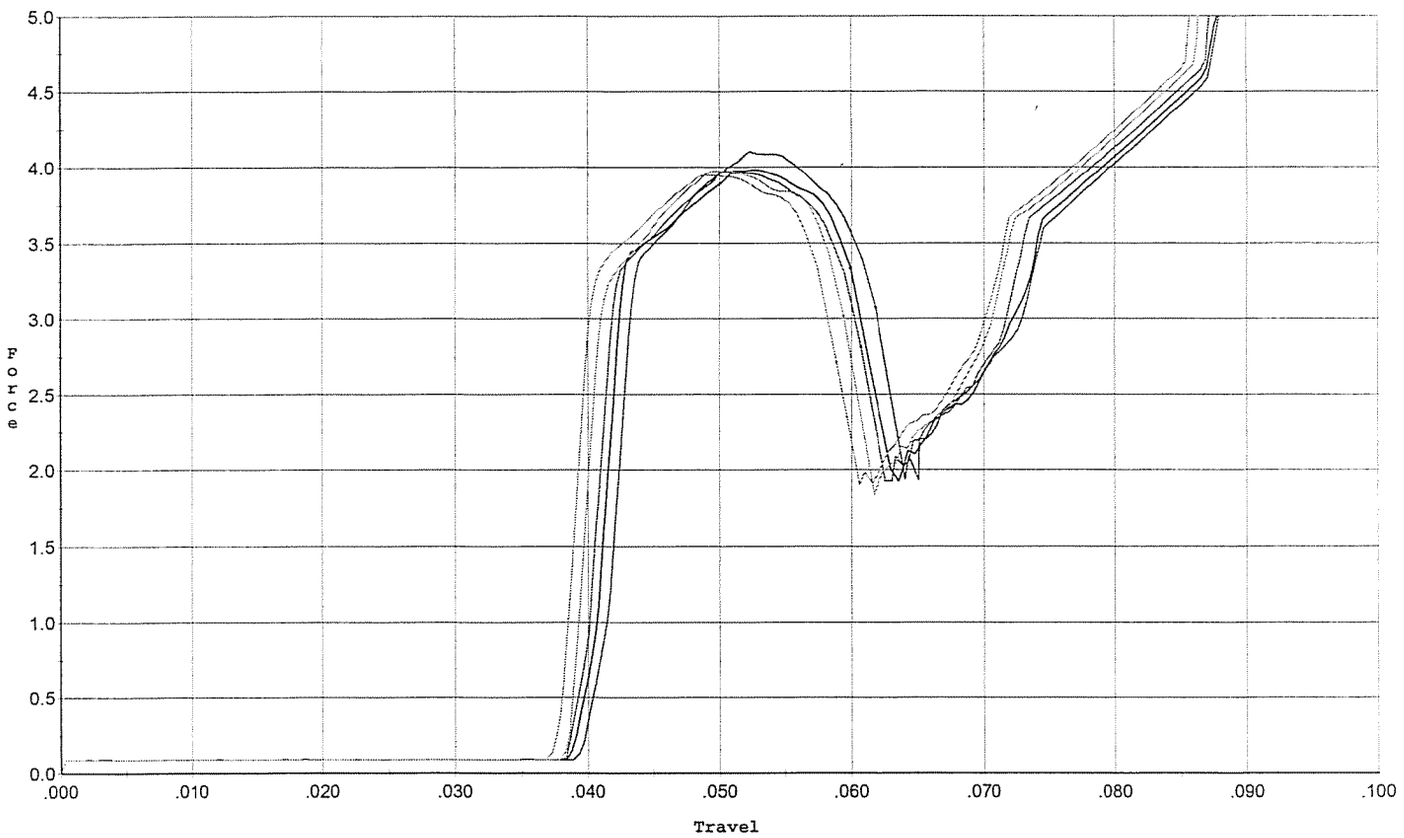
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.028	0.055	0.033	0.034	0.059		Set Trigger
2	3.001	0.056	0.033	0.034	0.059		Set Trigger
3	3.012	0.055	0.033	0.034	0.060		Set Trigger
4	3.021	0.055	0.032	0.034	0.058		Set Trigger
5	2.971	0.055	0.033	0.034	0.057		Set Trigger

AVG 3.00

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 1:28:20 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini.
Note:	R. Putch 10/18/06		



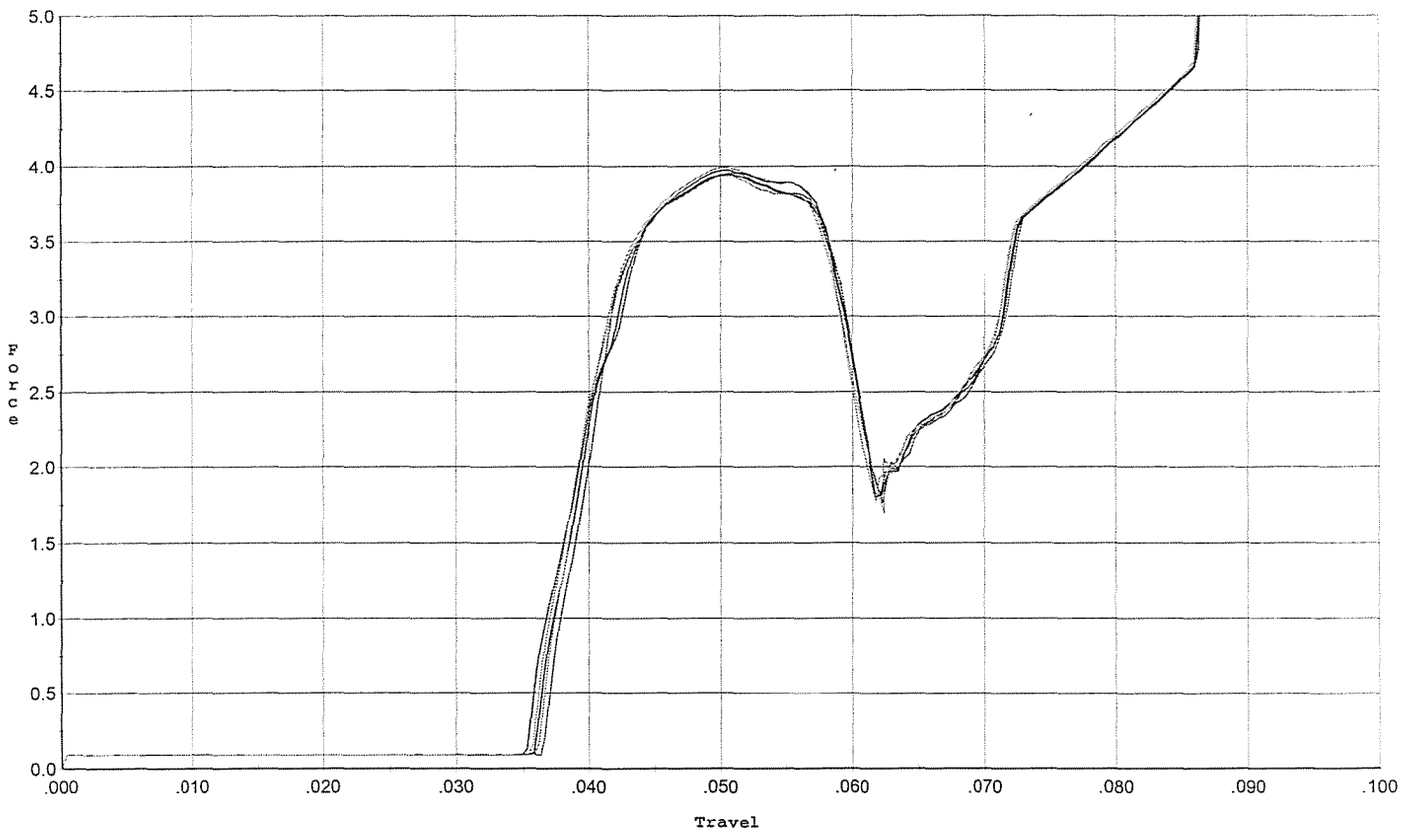
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.101	0.062	0.040	0.032	0.080		Set Trigger
2	3.981	0.060	0.039	0.032	0.076		Set Trigger
3	3.971	0.061	0.039	0.032	0.078		Set Trigger
4	3.977	0.059	0.039	0.032	0.077		Set Trigger
5	3.950	0.059	0.038	0.032	0.077		Set Trigger

AVG 3.99

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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:	R. Putch 10/18/06		



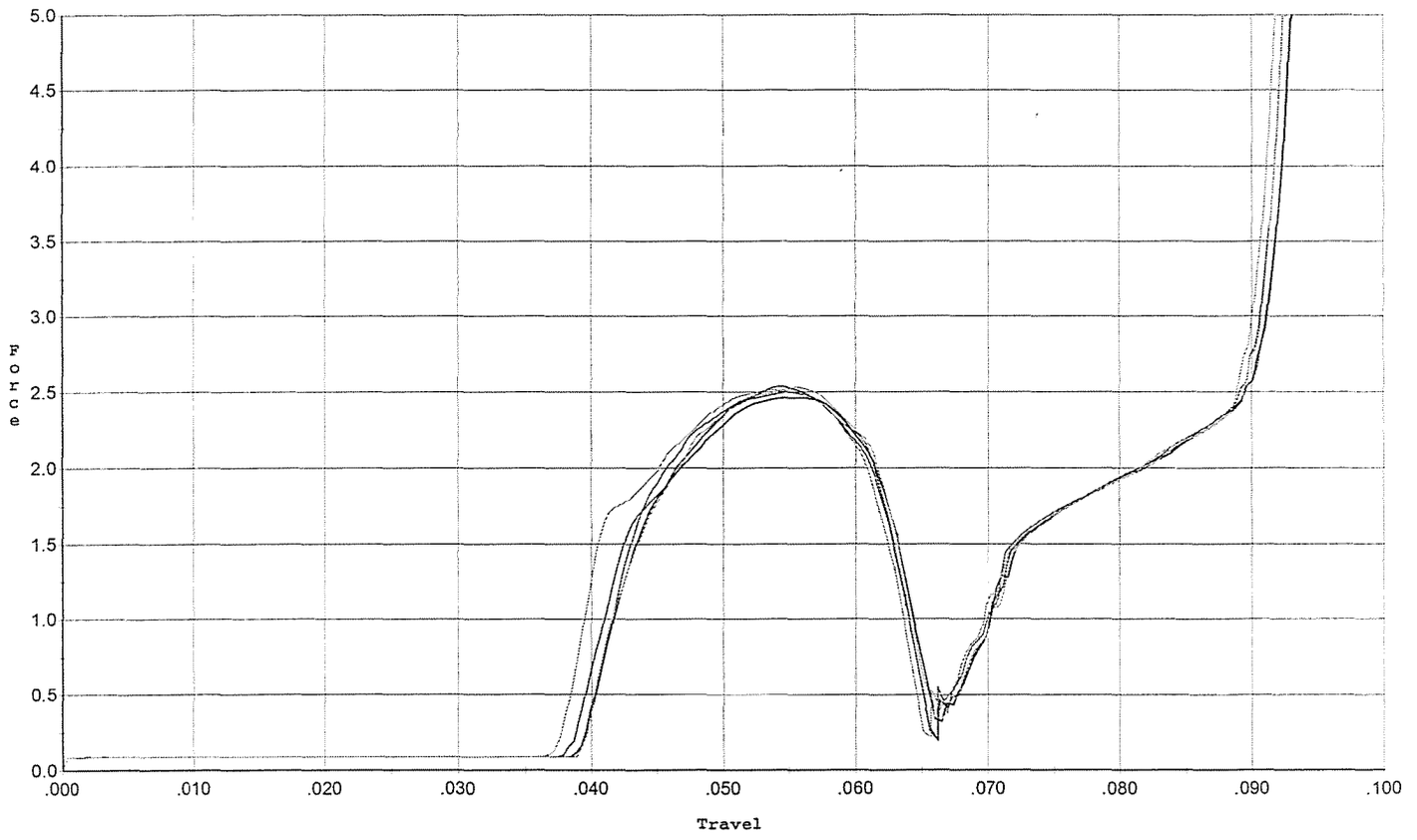
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.960	0.059	0.036	0.032	0.081		Set Trigger
2	3.947	0.059	0.036	0.032	0.080		Set Trigger
3	3.974	0.059	0.037	0.032	0.079		Set Trigger
4	3.936	0.058	0.036	0.032	0.078		Set Trigger
5	3.994	0.058	0.036	0.032	0.078		Set Trigger

AVG 3.96

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 1:33:38 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5
Note:	R. Putch 10/18/06		



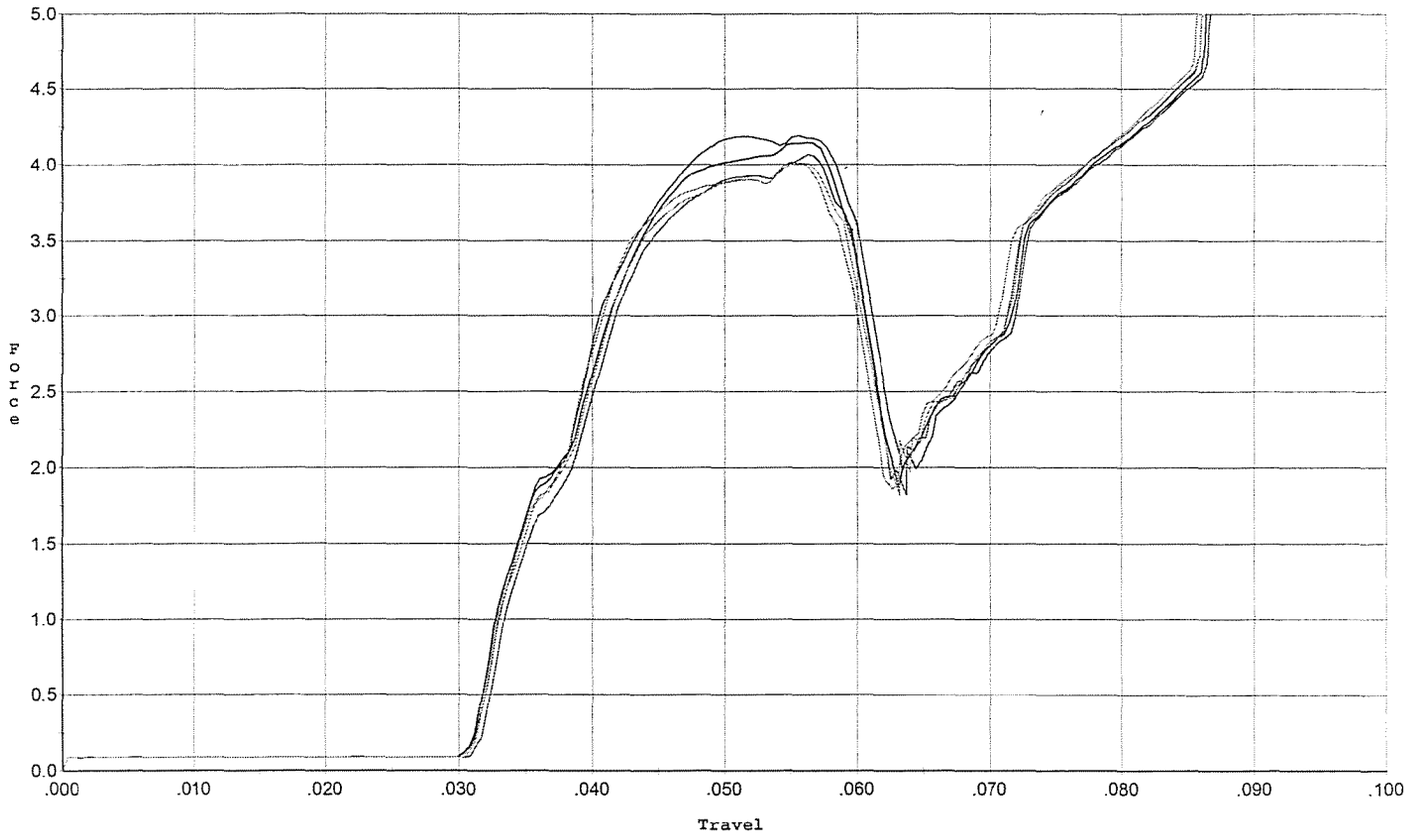
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.535	0.064	0.039	0.037	0.052		Set Trigger
2	2.462	0.063	0.040	0.037	0.050		Set Trigger
3	2.501	0.064	0.040	0.037	0.052		Set Trigger
4	2.532	0.063	0.039	0.037	0.051		Set Trigger
5	2.514	0.063	0.038	0.037	0.055		Set Trigger

AVG 2.50

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 1:36:00 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 fortarget & accuracy
Note:	R. Putch 10/18/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.193	0.060	0.031	0.031	0.097		Set Trigger
2	4.145	0.060	0.031	0.031	0.094		Set Trigger
3	4.066	0.060	0.031	0.031	0.090		Set Trigger
4	4.012	0.061	0.031	0.031	0.092		Set Trigger
5	4.009	0.060	0.031	0.031	0.091		Set Trigger

AVG 4.08

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 10/18/2006 1:39:13 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591590.__0
FILE DATE AND TIME: 11/06/2006 05:15

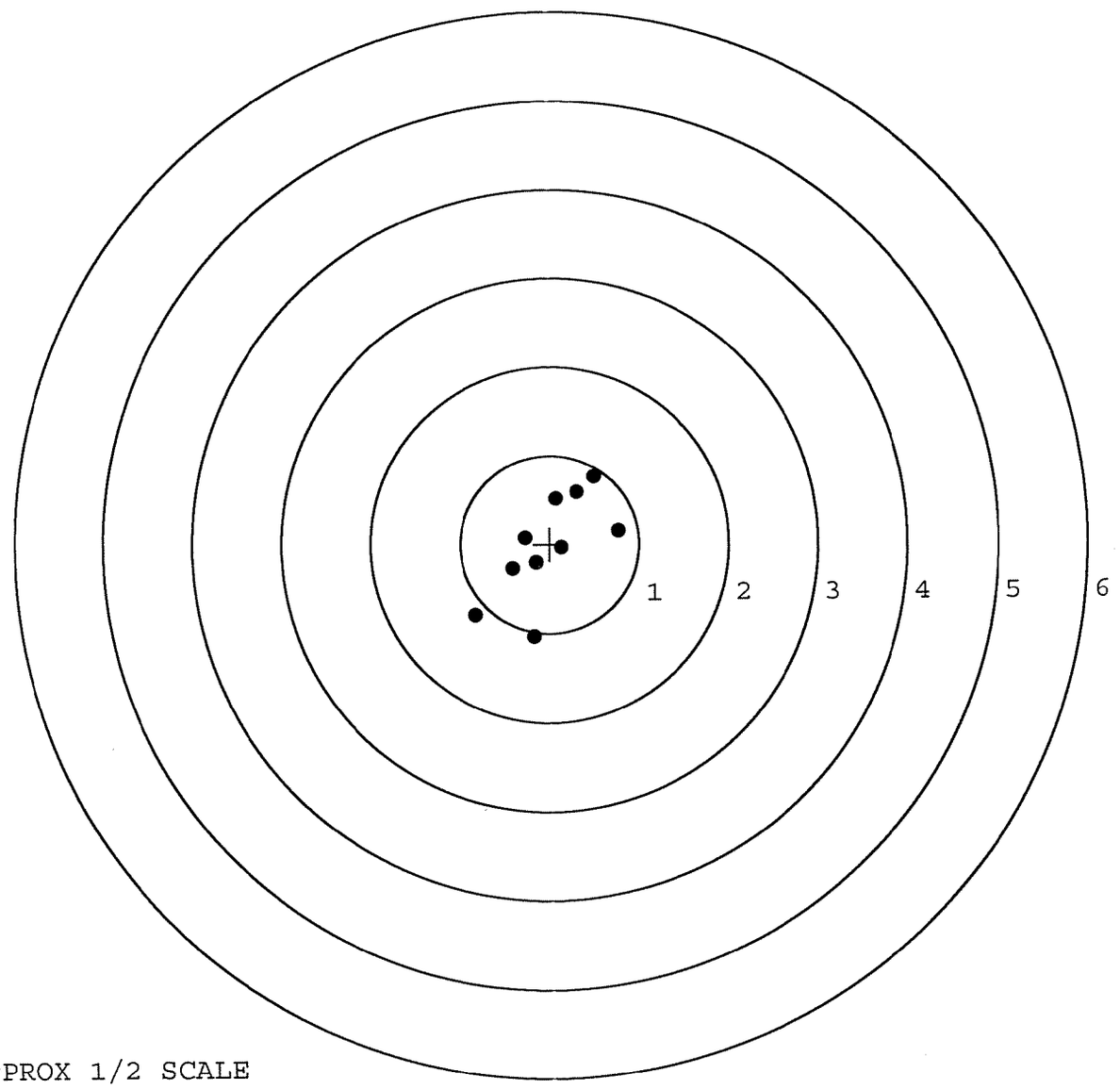
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.052
The Average Y Centroid of the Five Target Set:	-0.053
The Average Point of Impact of the Five Target Set:	0.074
The Average Mean Radius of the Five Target Set:	0.566
The Distance from POA to Centroid Target #1:	0.032
The Distance from Centroid Target #2 to Centroid Target #1:	0.149
The Distance from Centroid Target #3 to Centroid Target #1:	0.074
The Distance from Centroid Target #4 to Centroid Target #1:	0.064
The Distance from Centroid Target #5 to Centroid Target #1:	0.071

SERIAL NUMBER: G6591590.__0
TARGET NUMBER: 1
FILE DATE: 11/06/2006
FILE TIME: 05:15

X CENTROID:	-0.009
Y CENTROID:	-0.031
POA TO CENTROID:	0.032
HORZ SPREAD:	1.609
VERT SPREAD:	1.802
GROUP SPREAD:	2.049
MIN RADIUS:	0.143
MAX RADIUS:	1.127
MEAN RADIUS:	0.627
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.184	-1.046
2:	-0.839	-0.794
3:	0.770	0.145
4:	0.133	-0.045
5:	-0.420	-0.275
6:	-0.158	-0.211
7:	-0.277	0.067
8:	0.501	0.756
9:	0.072	0.510
10:	0.309	0.582

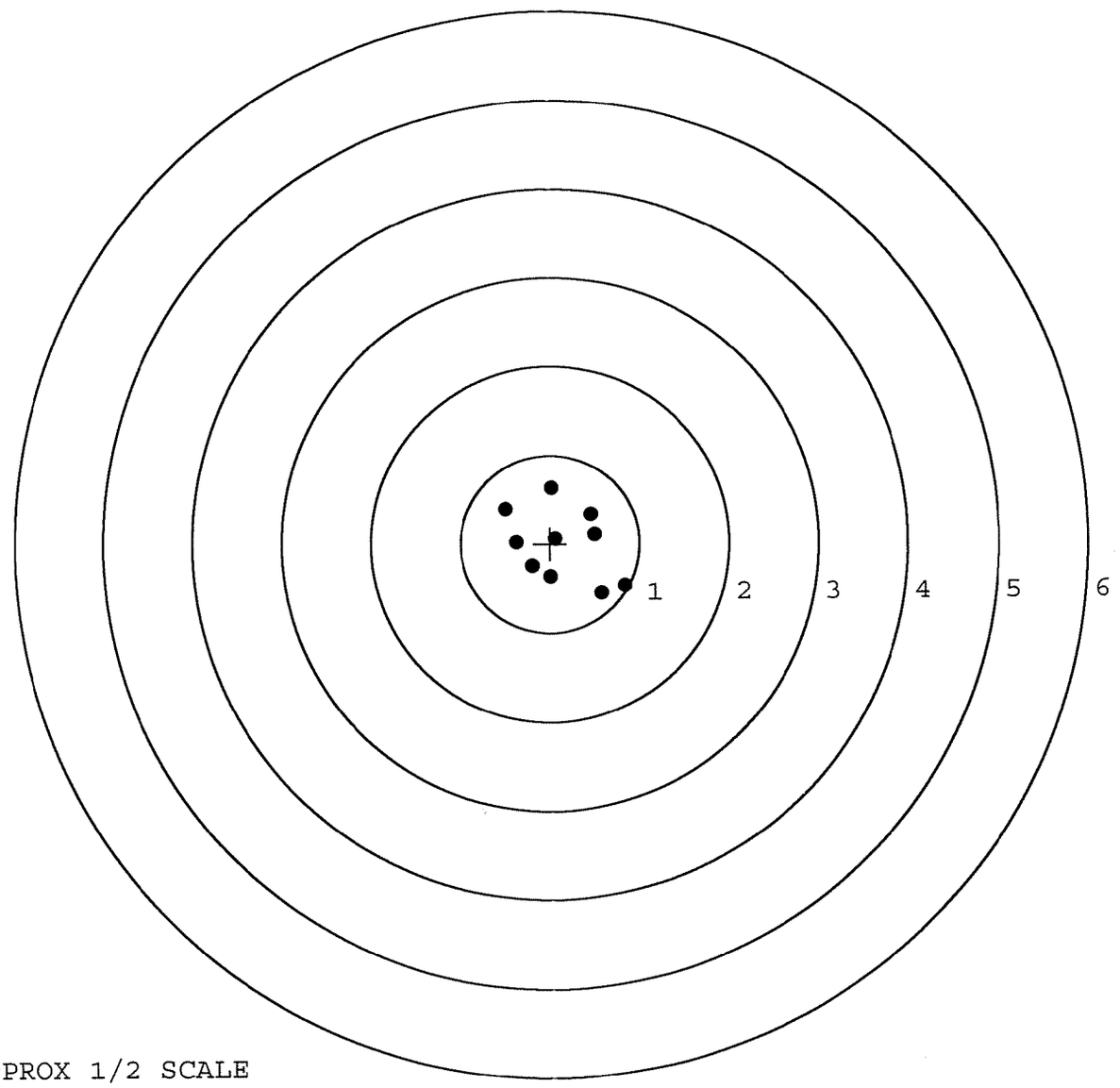


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591590.__0
TARGET NUMBER: 2
FILE DATE: 11/06/2006
FILE TIME: 05:15

X CENTROID:	0.138
Y CENTROID:	-0.015
POA TO CENTROID:	0.139
HORZ SPREAD:	1.337
VERT SPREAD:	1.194
GROUP SPREAD:	1.598
MIN RADIUS:	0.108
MAX RADIUS:	0.841
MEAN RADIUS:	0.524
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.837	-0.483
2:	0.578	-0.565
3:	0.501	0.103
4:	0.466	0.333
5:	0.017	0.629
6:	0.058	0.057
7:	0.004	-0.374
8:	-0.202	-0.255
9:	-0.376	0.018
10:	-0.500	0.392

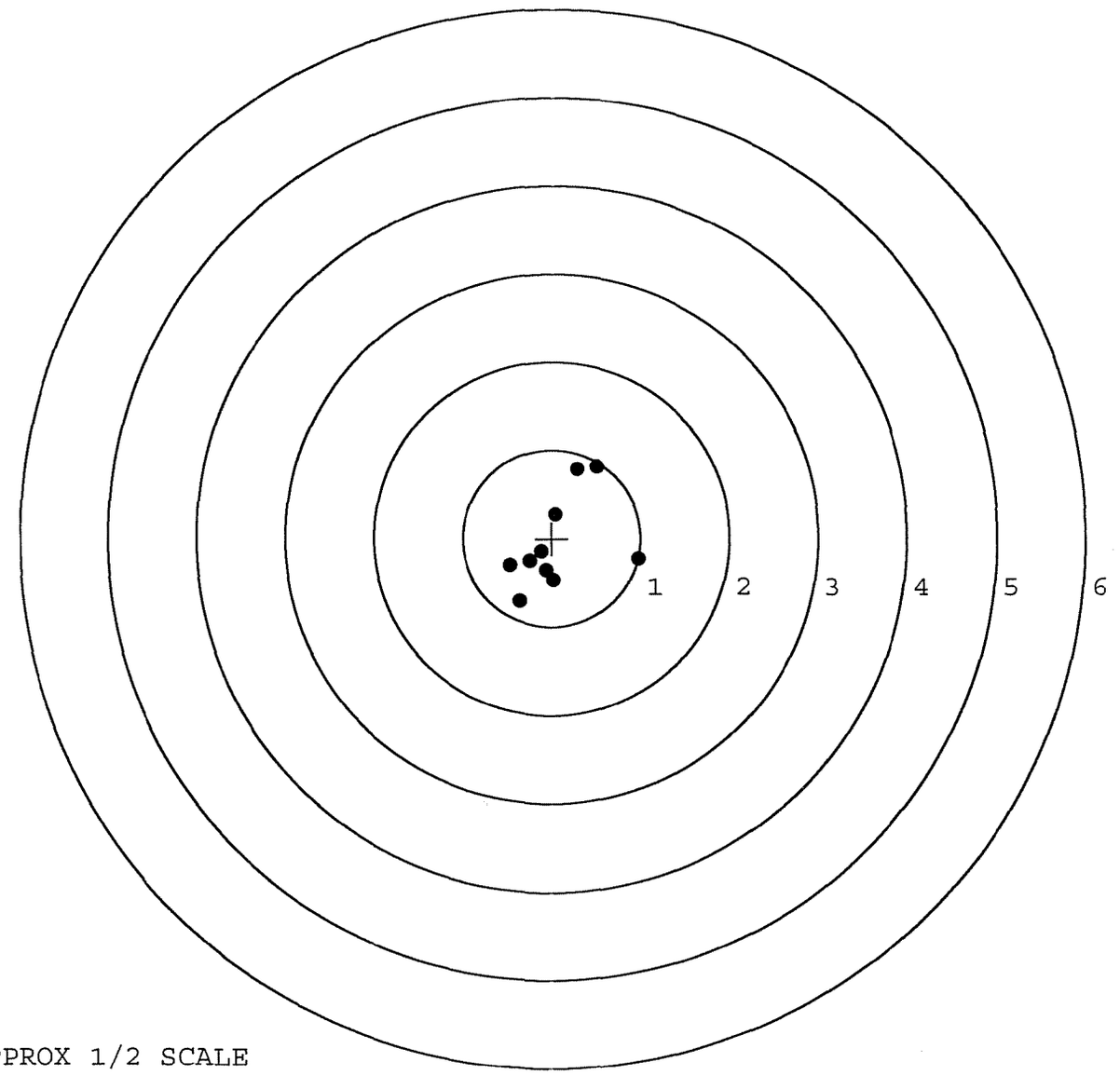


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591590.__0
TARGET NUMBER: 3
FILE DATE: 11/06/2006
FILE TIME: 05:15

X CENTROID:	0.057
Y CENTROID:	-0.066
POA TO CENTROID:	0.087
HORZ SPREAD:	1.445
VERT SPREAD:	1.524
GROUP SPREAD:	1.753
MIN RADIUS:	0.197
MAX RADIUS:	0.980
MEAN RADIUS:	0.578
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.975	-0.236
2:	0.509	0.804
3:	0.291	0.776
4:	0.045	0.273
5:	0.018	-0.476
6:	-0.122	-0.148
7:	-0.470	-0.309
8:	-0.357	-0.720
9:	-0.069	-0.361
10:	-0.253	-0.259

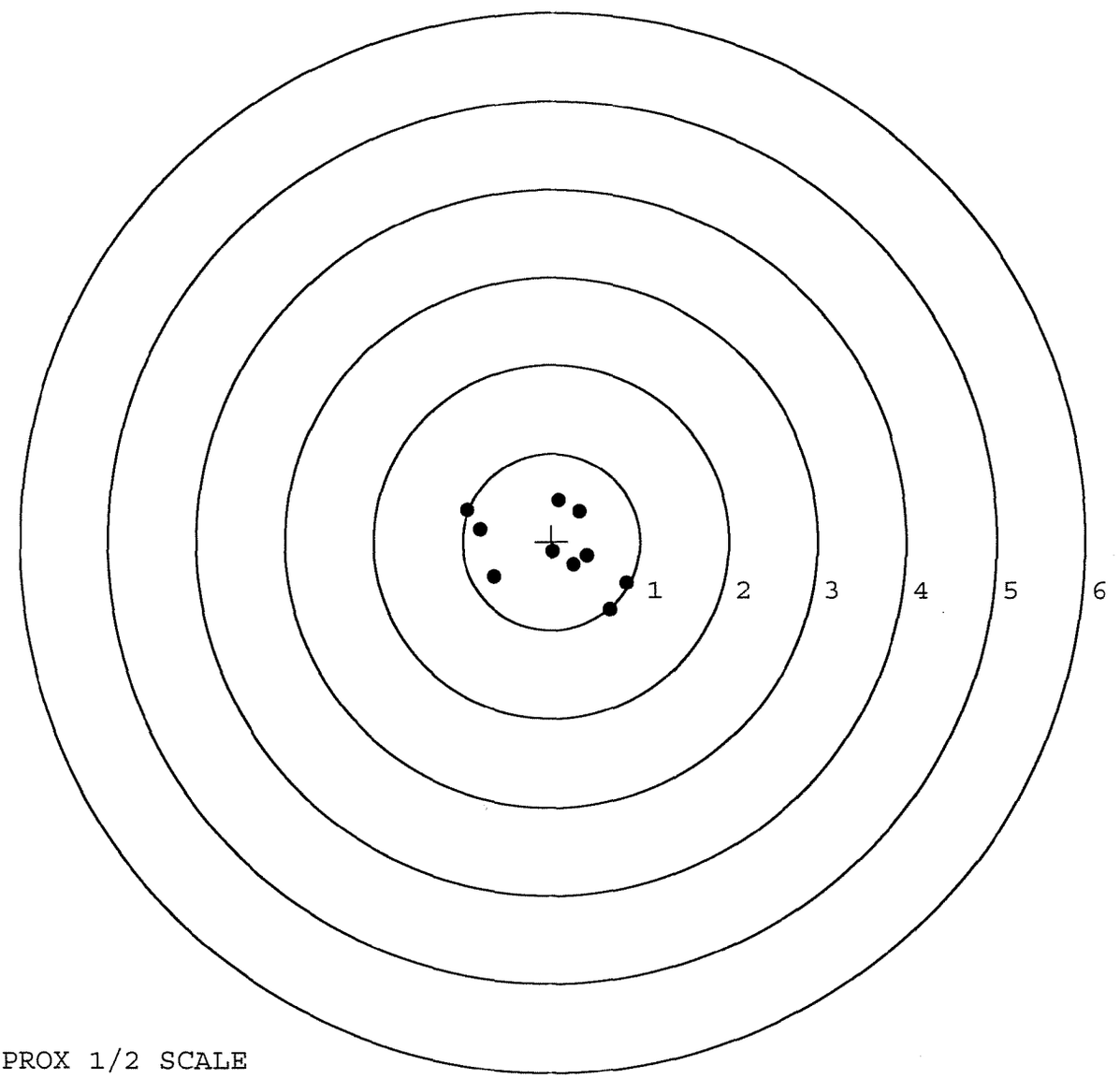


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591590.__0
TARGET NUMBER: 4
FILE DATE: 11/06/2006
FILE TIME: 05:15

X CENTROID:	0.020
Y CENTROID:	-0.088
POA TO CENTROID:	0.091
HORZ SPREAD:	1.801
VERT SPREAD:	1.245
GROUP SPREAD:	1.982
MIN RADIUS:	0.029
MAX RADIUS:	1.068
MEAN RADIUS:	0.631
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.951	0.357
2:	-0.800	0.138
3:	-0.642	-0.400
4:	0.661	-0.774
5:	0.850	-0.471
6:	0.081	0.471
7:	0.323	0.342
8:	0.409	-0.166
9:	0.257	-0.264
10:	0.013	-0.117

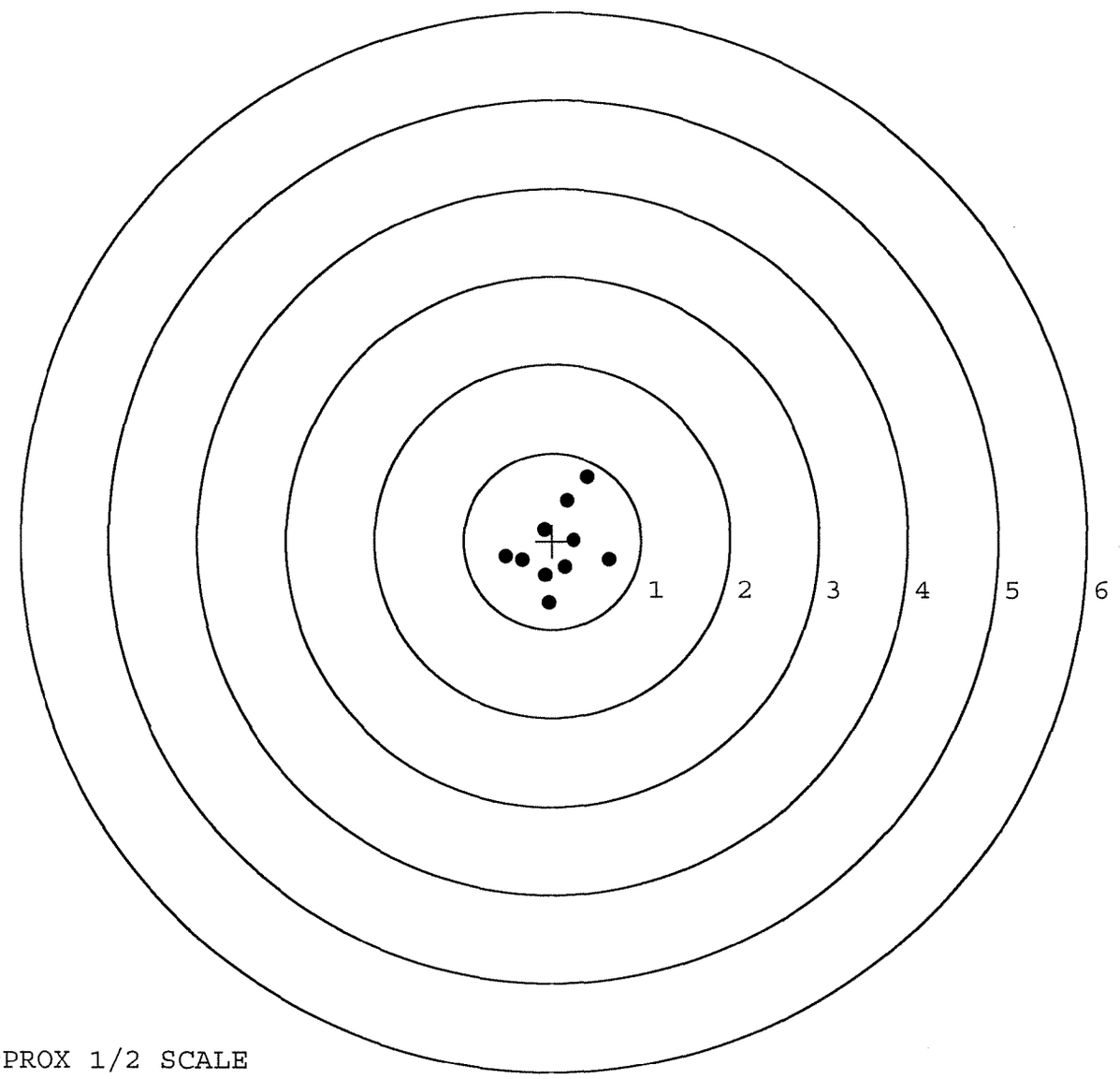


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591590.__0
TARGET NUMBER: 5
FILE DATE: 11/06/2006
FILE TIME: 05:15

X CENTROID:	0.052
Y CENTROID:	-0.068
POA TO CENTROID:	0.085
HORZ SPREAD:	1.171
VERT SPREAD:	1.432
GROUP SPREAD:	1.498
MIN RADIUS:	0.205
MAX RADIUS:	0.868
MEAN RADIUS:	0.470
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.399	0.728
2:	0.166	0.454
3:	-0.093	0.130
4:	0.242	0.010
5:	0.143	-0.295
6:	0.646	-0.213
7:	-0.041	-0.704
8:	-0.084	-0.388
9:	-0.525	-0.178
10:	-0.334	-0.219



TARGET APPROX 1/2 SCALE