

C6523330

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M24000006223

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

Repair Inquiry

Repair Number: RE00146498

Serial: C6523330 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/17/2008 9:51:08 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT

DEF DIST DEPOT

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL Zip Code: 36201

Country: US

State: AL Zip Code: 36201

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
D000	FRONT SGT BASE	1

Repair Search

Refresh

Close

nagletj

6/17/2008

10:48 AM

CAPS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par...

Ar...

Cre...

My ...

10:48 AM

Number: C6523330

Model: M24 SWS



RE00146498

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

146498

SERIAL NUMBER

C6523330

LOG-IN DATE

6-17-08

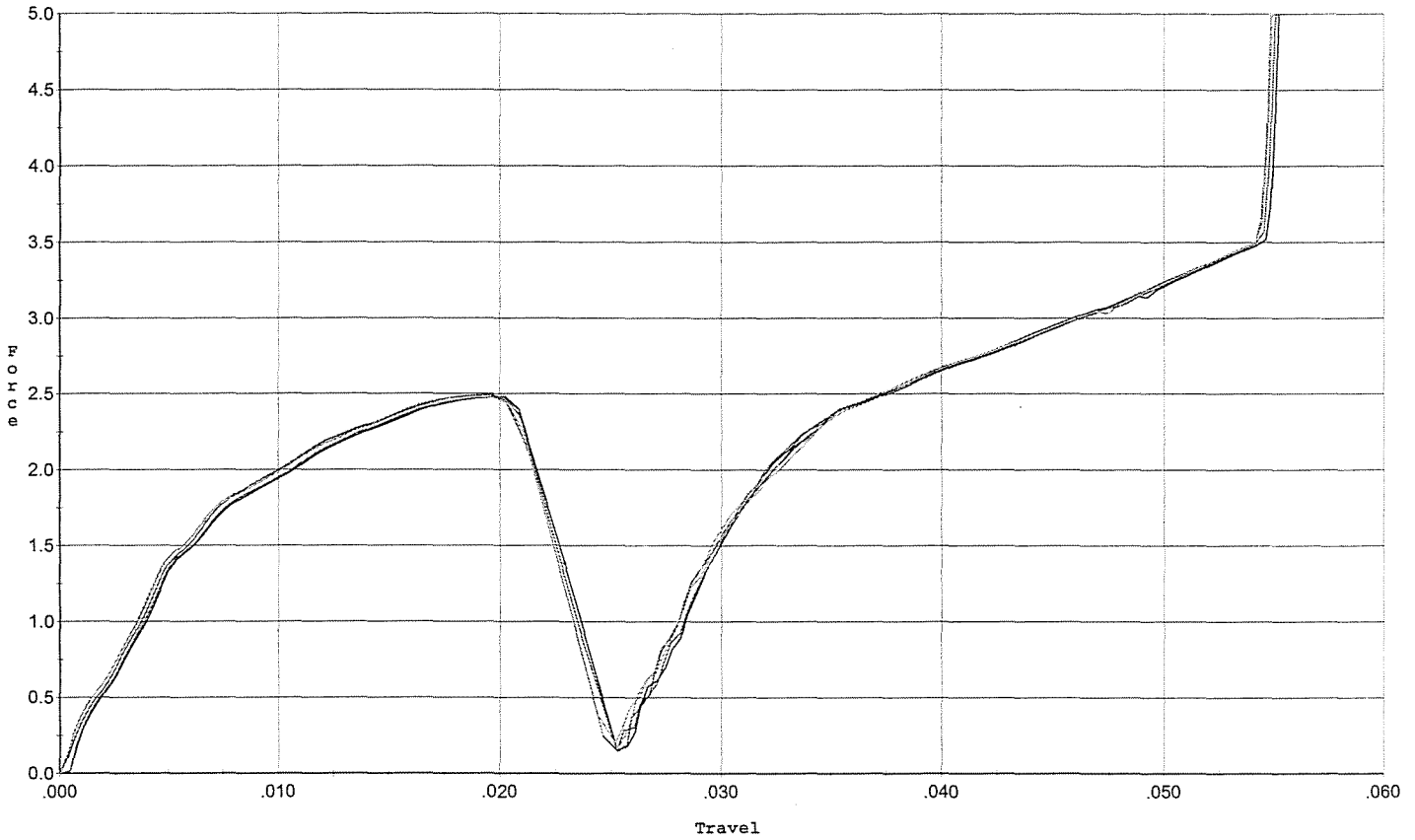
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-9-09	RTZ
505	RE-BARREL	9-11-09	RTZ
420	ASSEMBLE	9-11-09	RTZ
440	PROOF	9-11-09	SPD
460	CHECK HEADSPACE	9-11-09	SPD
470	DIS-ASSEMBLE GUN	9-11-09	SPD
480	MAGNAFLUX	9-17-09	SP
510	DRILL AND TAP	9-14-09	SP
500	ROLLMARK CALIBER	9-17-09	SP
520	GOFF BLAST BBL / REC	9-17-09	SP
530 & 540	APPLY COATINGS	9-18	SP
560	FINAL ASSEMBLY	9-24-09	RTZ
640	FUNCTION TEST AND	9-29-09	RD
650	TARGET	9-29-09	RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-29-09	SPD
	A) HEADSPACE	9-30-09	SP
	B) TRIGGER PULL	2.53 2.44 2.43 2.40 2.43 9-30-09	TC
680	F) SAFETY ON FORCE	3° 3° 3° 9-30-09	SP
	G) SAFETY OFF FORCE	7° 7° 7°	
	I) FIRING PIN INDENT	.020 .021 .021	
690	PACK	10/9/09	Fry

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

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



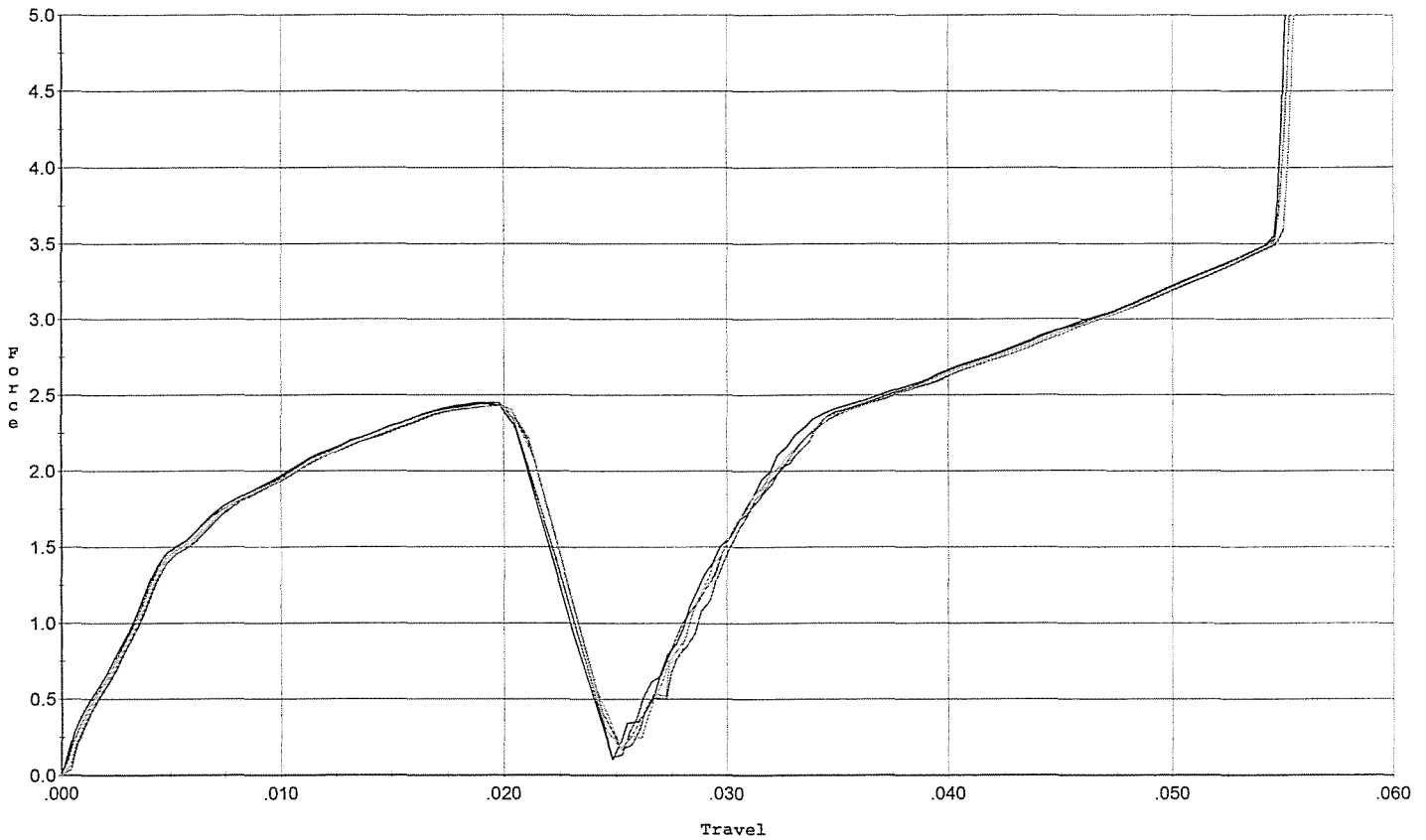
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.488	0.021	0.00	0.036	0.037		Set Trigger
2	2.478	0.023	0.00	0.036	0.039		Set Trigger
3	2.476	0.021	0.00	0.037	0.036		Set Trigger
4	2.475	0.021	0.00	0.036	0.037		Set Trigger
5	2.493	0.021	0.00	0.036	0.037		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

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



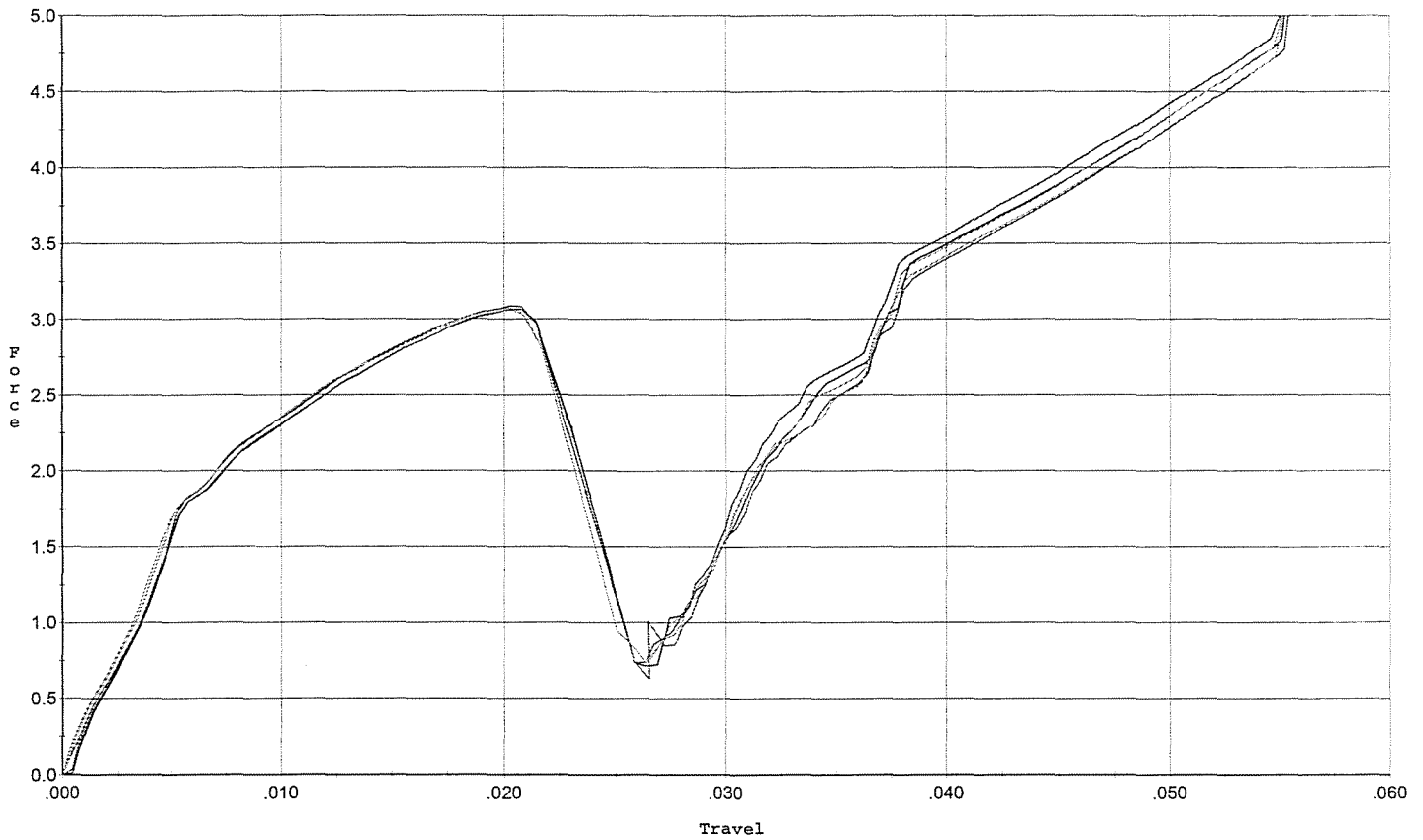
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.453	0.022	0.00	0.037	0.038		Set Trigger
2	2.445	0.021	0.00	0.037	0.035		Set Trigger
3	2.436	0.021	0.00	0.037	0.036		Set Trigger
4	2.428	0.021	0.00	0.037	0.036		Set Trigger
5	2.428	0.021	0.00	0.037	0.036		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

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



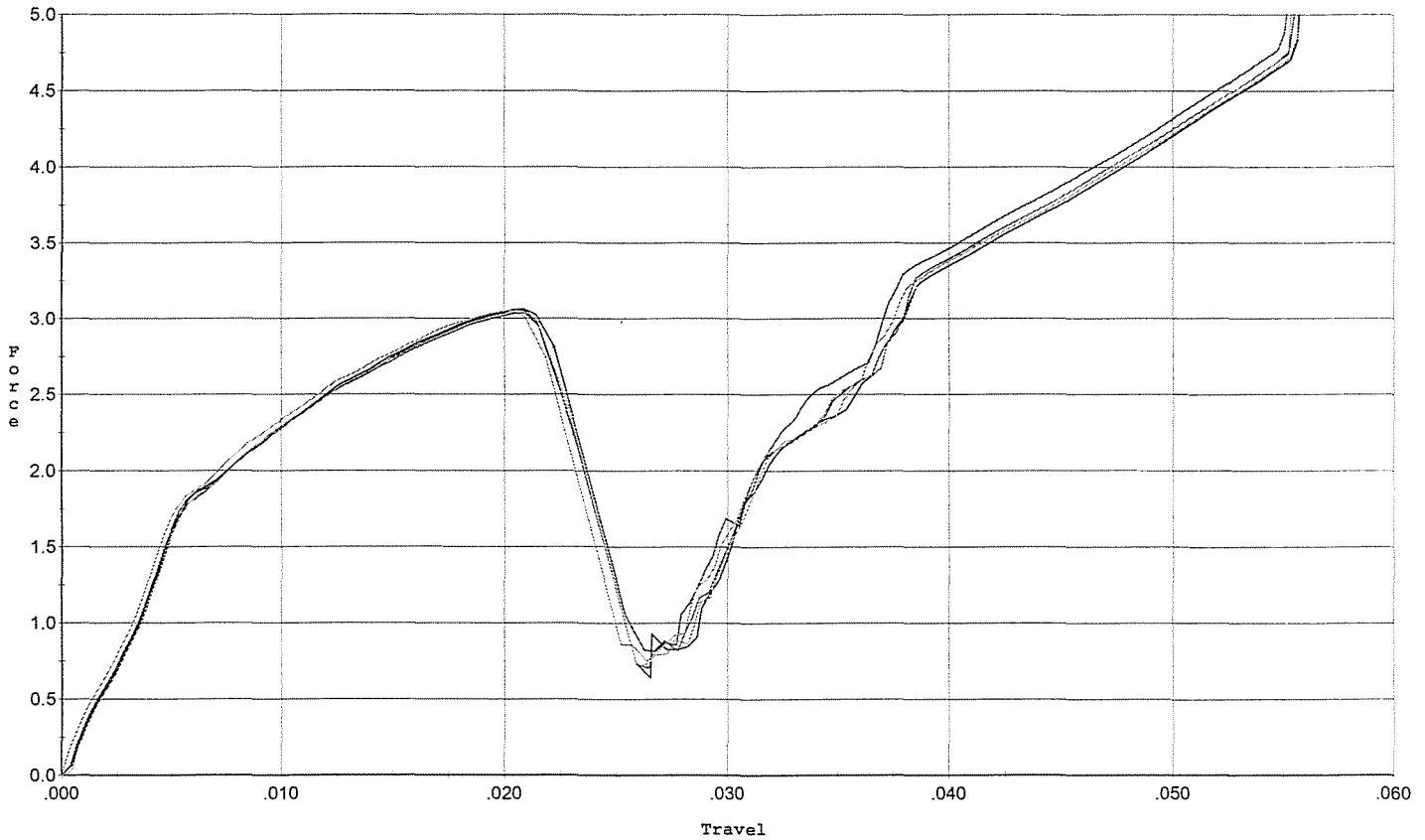
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.088	0.024	0.00	0.034	0.049		Set Trigger
2	3.063	0.023	0.00	0.035	0.047		Set Trigger
3	3.066	0.023	0.00	0.035	0.047		Set Trigger
4	3.058	0.022	0.00	0.035	0.045		Set Trigger
5	3.072	0.022	0.00	0.035	0.045		Set Trigger

Aug 3.06

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



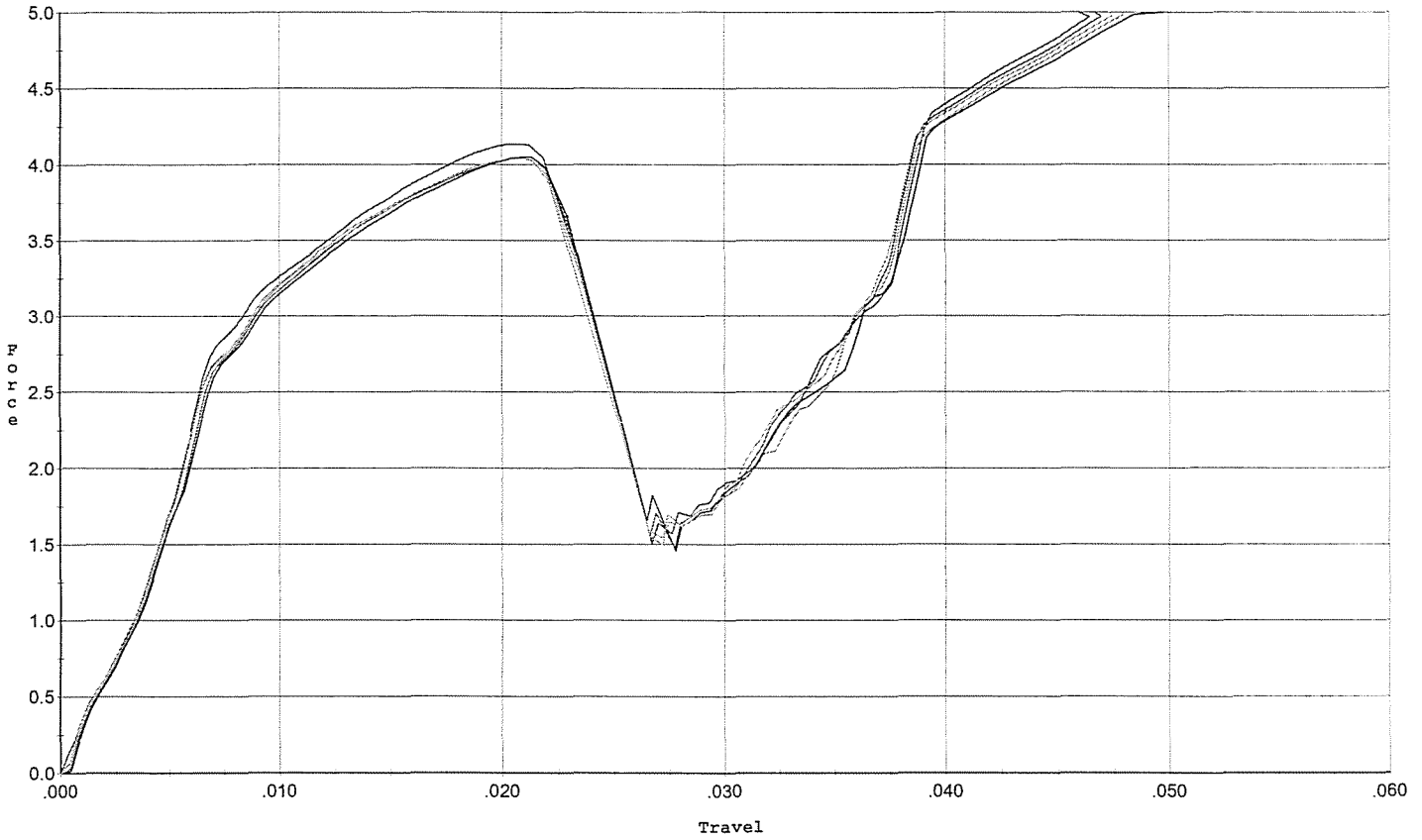
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.062	0.022	0.00	0.035	0.046		Set Trigger
2	3.059	0.023	0.00	0.035	0.047		Set Trigger
3	3.035	0.023	0.00	0.035	0.047		Set Trigger
4	3.047	0.023	0.00	0.035	0.046		Set Trigger
5	3.055	0.022	0.00	0.035	0.045		Set Trigger

Avg 3.05

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 9/8/09

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



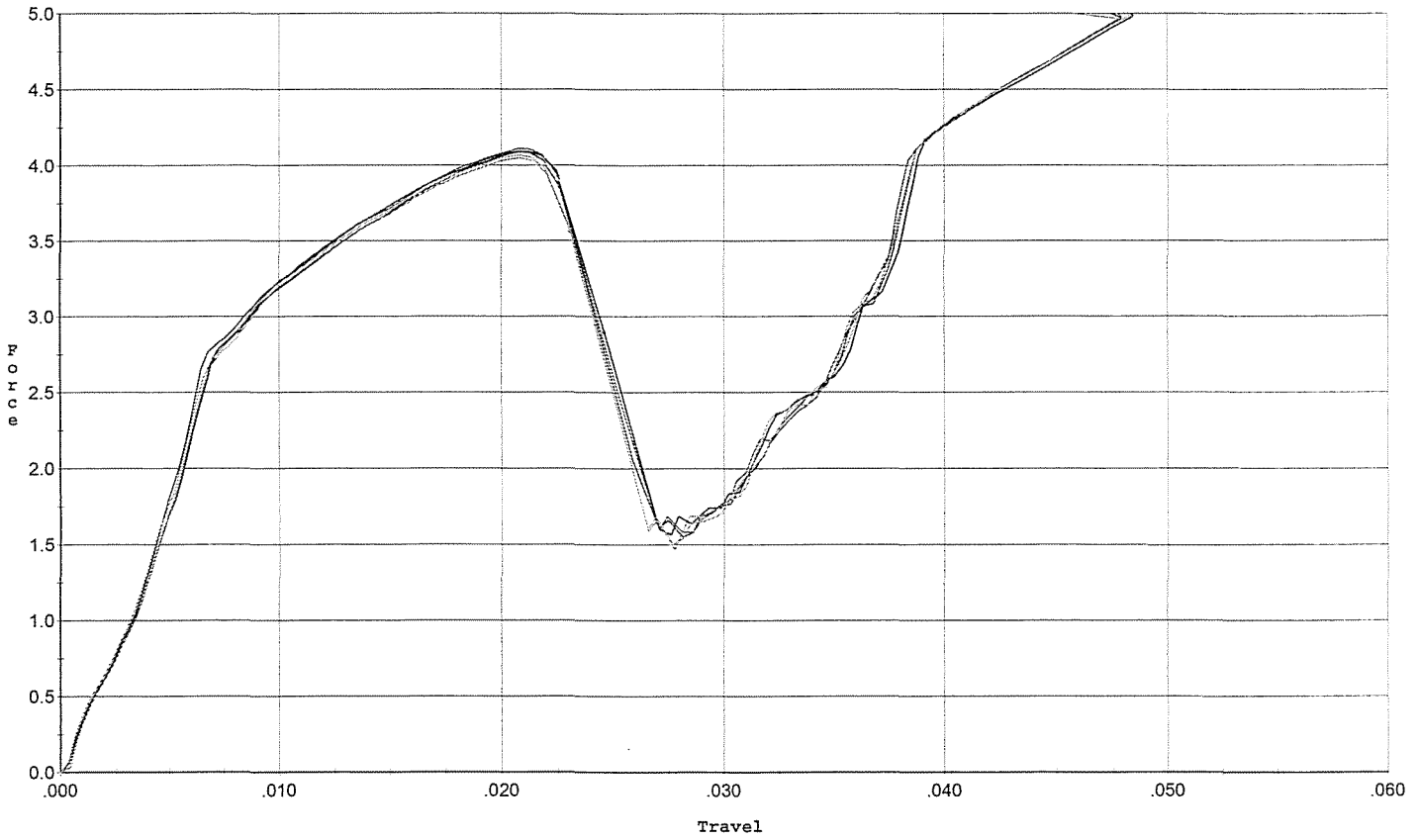
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.136	0.023	0.00	0.033	0.064		Set Trigger
2	4.049	0.023	0.00	0.033	0.061		Set Trigger
3	4.048	0.023	0.00	0.033	0.062		Set Trigger
4	4.047	0.022	0.00	0.033	0.059		Set Trigger
5	4.042	0.024	0.00	0.033	0.063		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

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



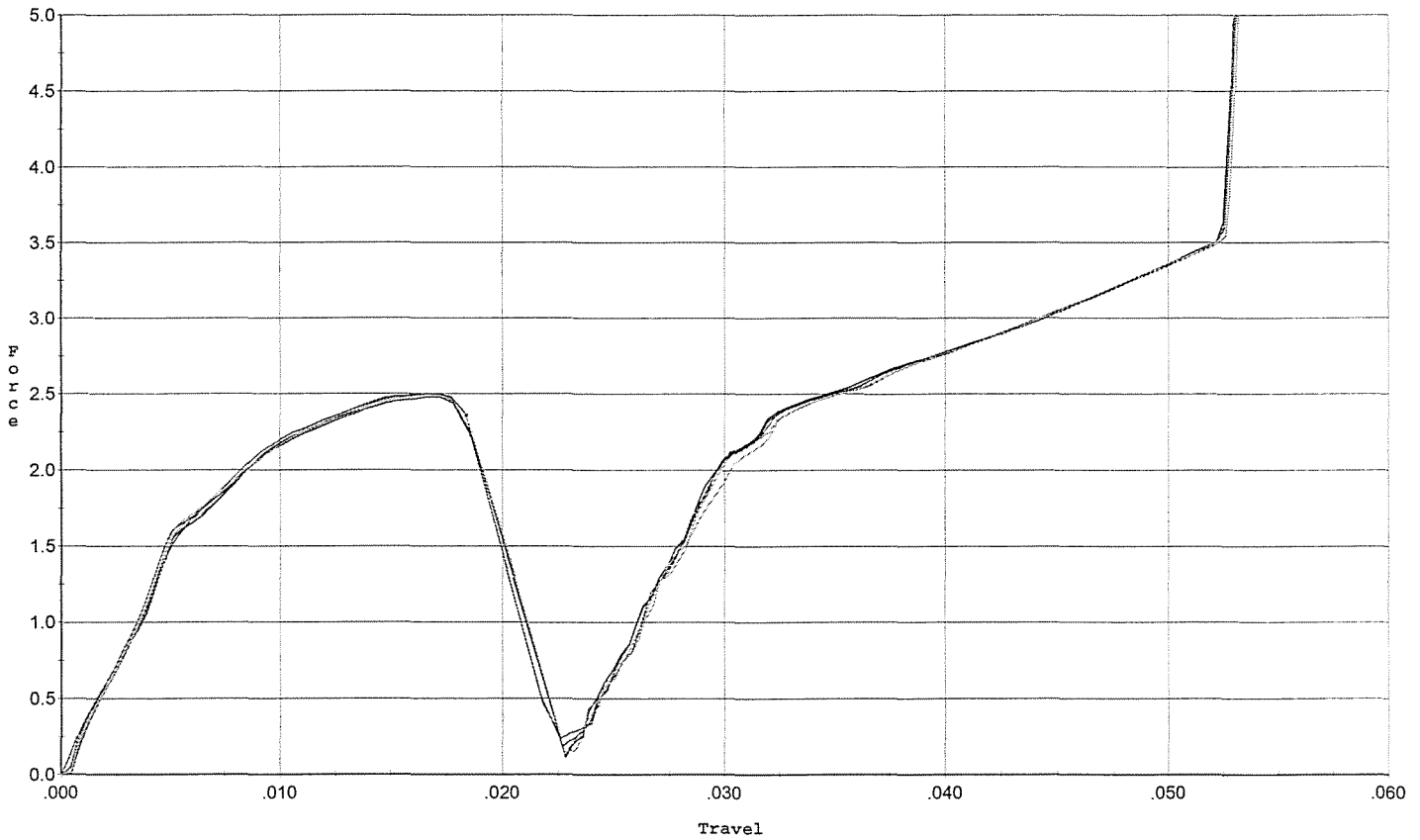
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.092	0.023	0.00	0.033	0.062		Set Trigger
2	4.091	0.025	0.00	0.032	0.066		Set Trigger
3	4.110	0.023	0.00	0.033	0.061		Set Trigger
4	4.067	0.023	0.00	0.033	0.062		Set Trigger
5	4.049	0.023	0.00	0.033	0.062		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

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



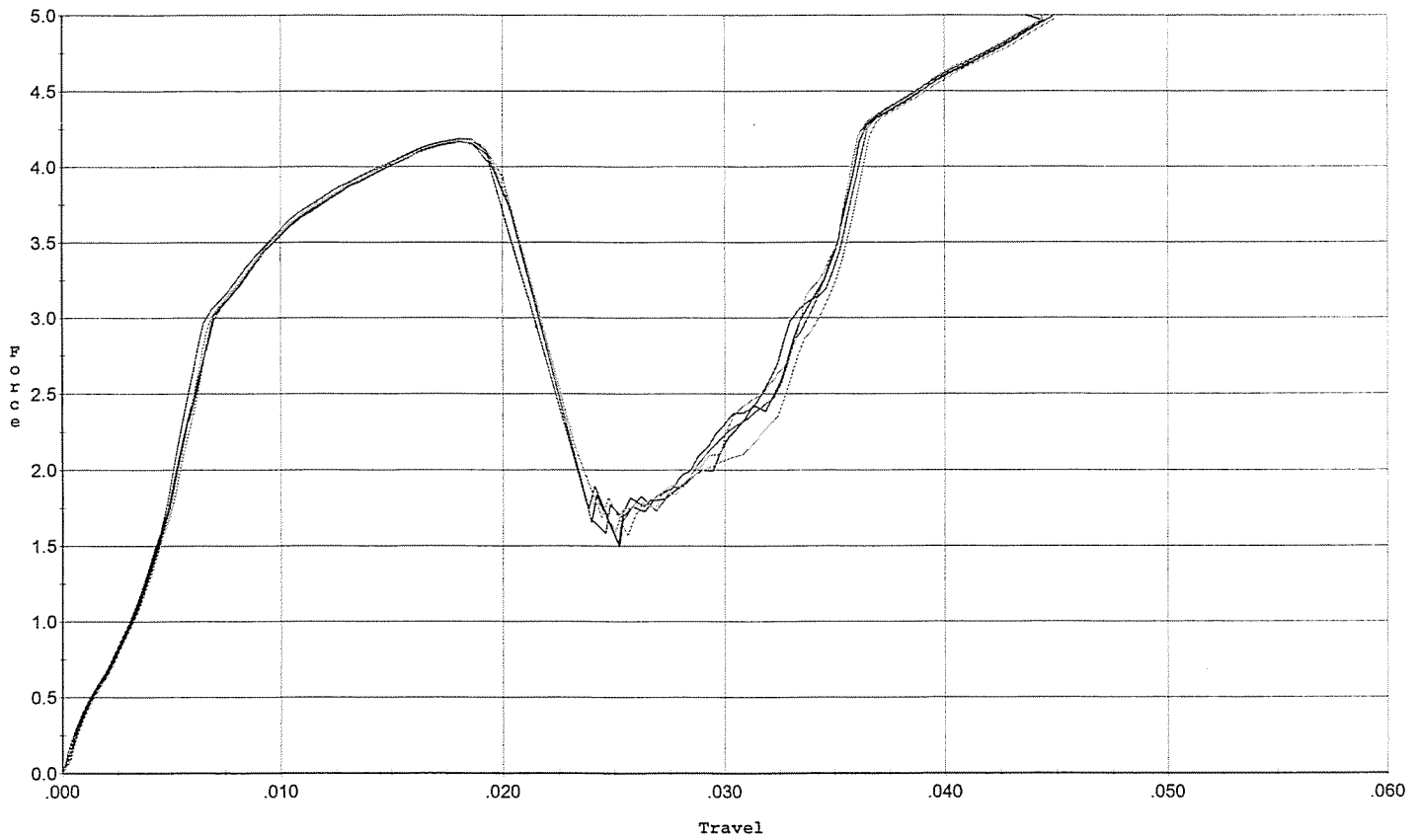
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.480	0.019	0.00	0.037	0.032		Set Trigger
2	2.497	0.018	0.00	0.037	0.032		Set Trigger
3	2.499	0.019	0.00	0.037	0.032		Set Trigger
4	2.498	0.021	0.00	0.036	0.035		Set Trigger
5	2.496	0.020	0.00	0.037	0.035		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 9/8/09

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	4.185	0.020	0.00	0.032	0.056		Set Trigger
2	4.163	0.020	0.00	0.033	0.056		Set Trigger
3	4.168	0.022	0.00	0.033	0.059		Set Trigger
4	4.161	0.020	0.00	0.033	0.055		Set Trigger
5	4.178	0.020	0.00	0.032	0.055		Set Trigger

Avg 4.17

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523330.___0

FILE DATE AND TIME: 09/30/2009 07:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	0.031
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.752
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.311
The Distance from Centroid Target #4 to Centroid Target #1:	0.108
The Distance from Centroid Target #5 to Centroid Target #1:	0.084

SERIAL NUMBER: C6523330. __0

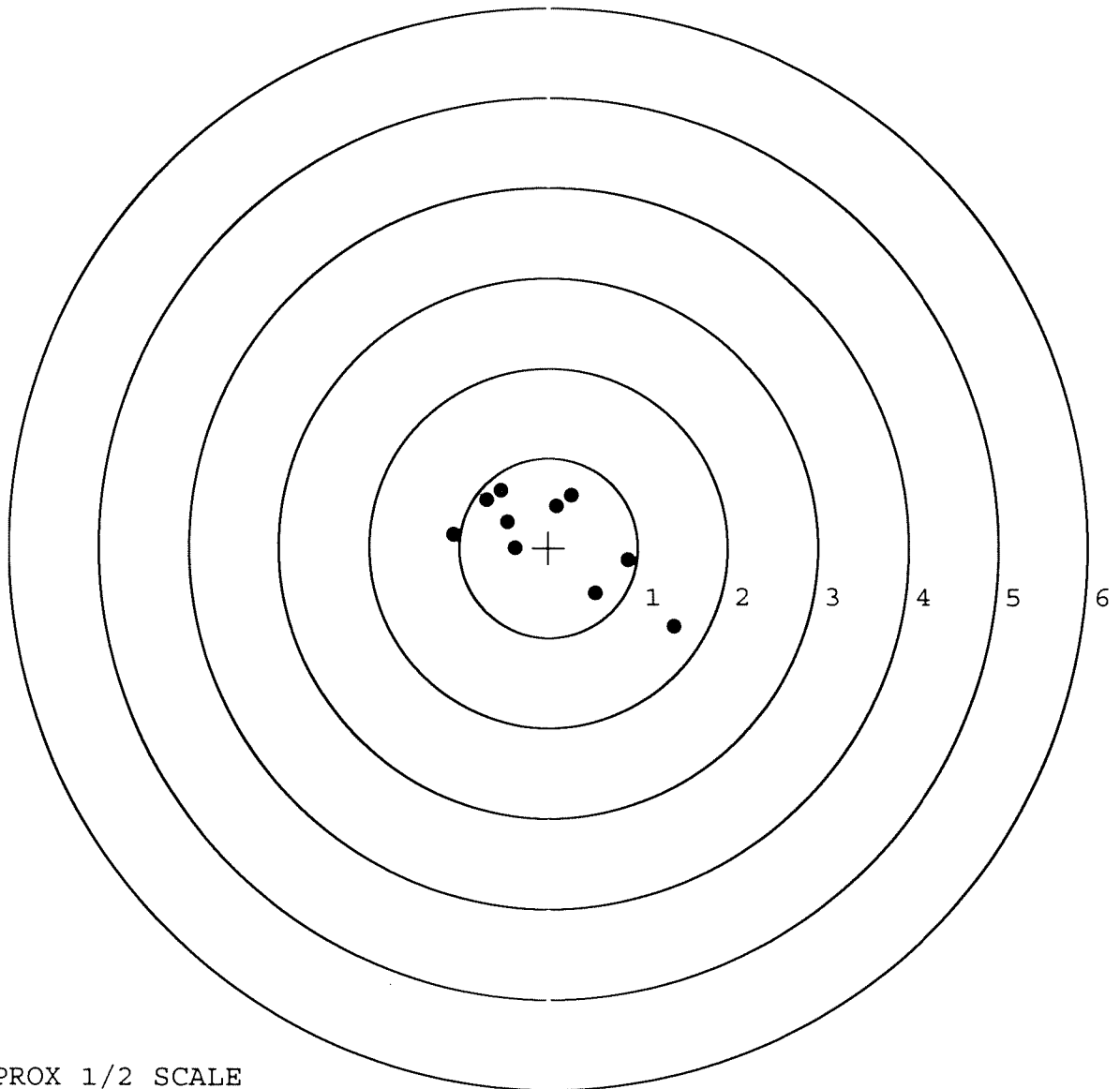
TARGET NUMBER: 1

FILE DATE: 09/30/2009

FILE TIME: 07:20

X CENTROID: 0.003
Y CENTROID: 0.109
POA TO CENTROID: 0.109
HORZ SPREAD: 2.467
VERT SPREAD: 1.522
GROUP SPREAD: 2.671
MIN RADIUS: 0.367
MAX RADIUS: 1.716
MEAN RADIUS: 0.788
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.404	-0.882
2:	0.887	-0.142
3:	-0.534	0.640
4:	-1.063	0.142
5:	0.259	0.582
6:	0.520	-0.513
7:	-0.694	0.527
8:	-0.462	0.281
9:	-0.374	-0.011
10:	0.090	0.466



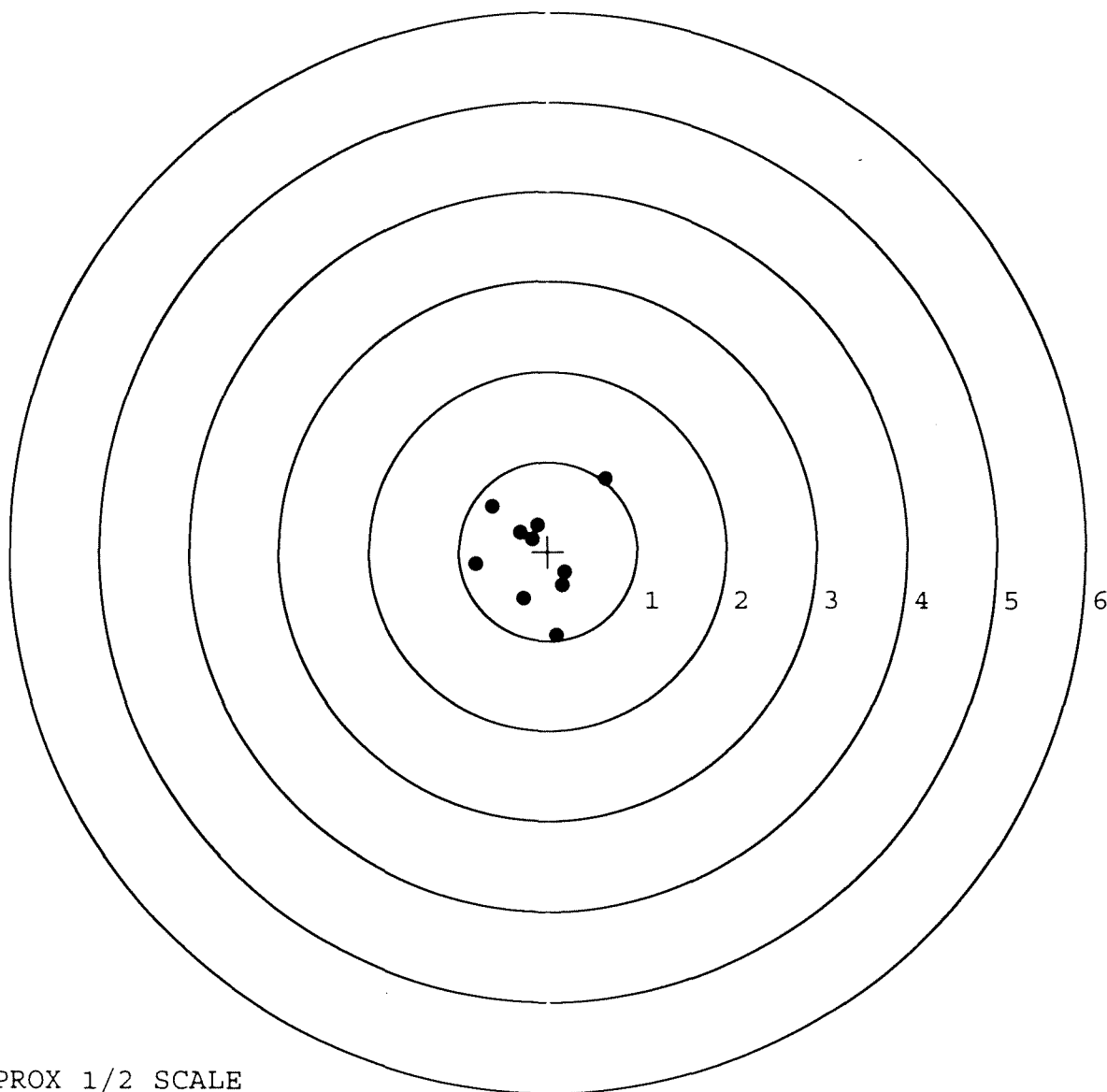
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523330. __0
TARGET NUMBER: 2
FILE DATE: 09/30/2009
FILE TIME: 07:20

X CENTROID: -0.125
Y CENTROID: -0.030
POA TO CENTROID: 0.129
HORZ SPREAD: 1.450
VERT SPREAD: 1.756
GROUP SPREAD: 1.839
MIN RADIUS: 0.177
MAX RADIUS: 1.139
MEAN RADIUS: 0.567

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

POINT#	X	Y
1:	0.095	-0.943
2:	-0.809	-0.149
3:	-0.633	0.497
4:	0.641	0.813
5:	-0.318	0.212
6:	-0.121	0.287
7:	-0.186	0.136
8:	0.193	-0.237
9:	0.163	-0.386
10:	-0.277	-0.534

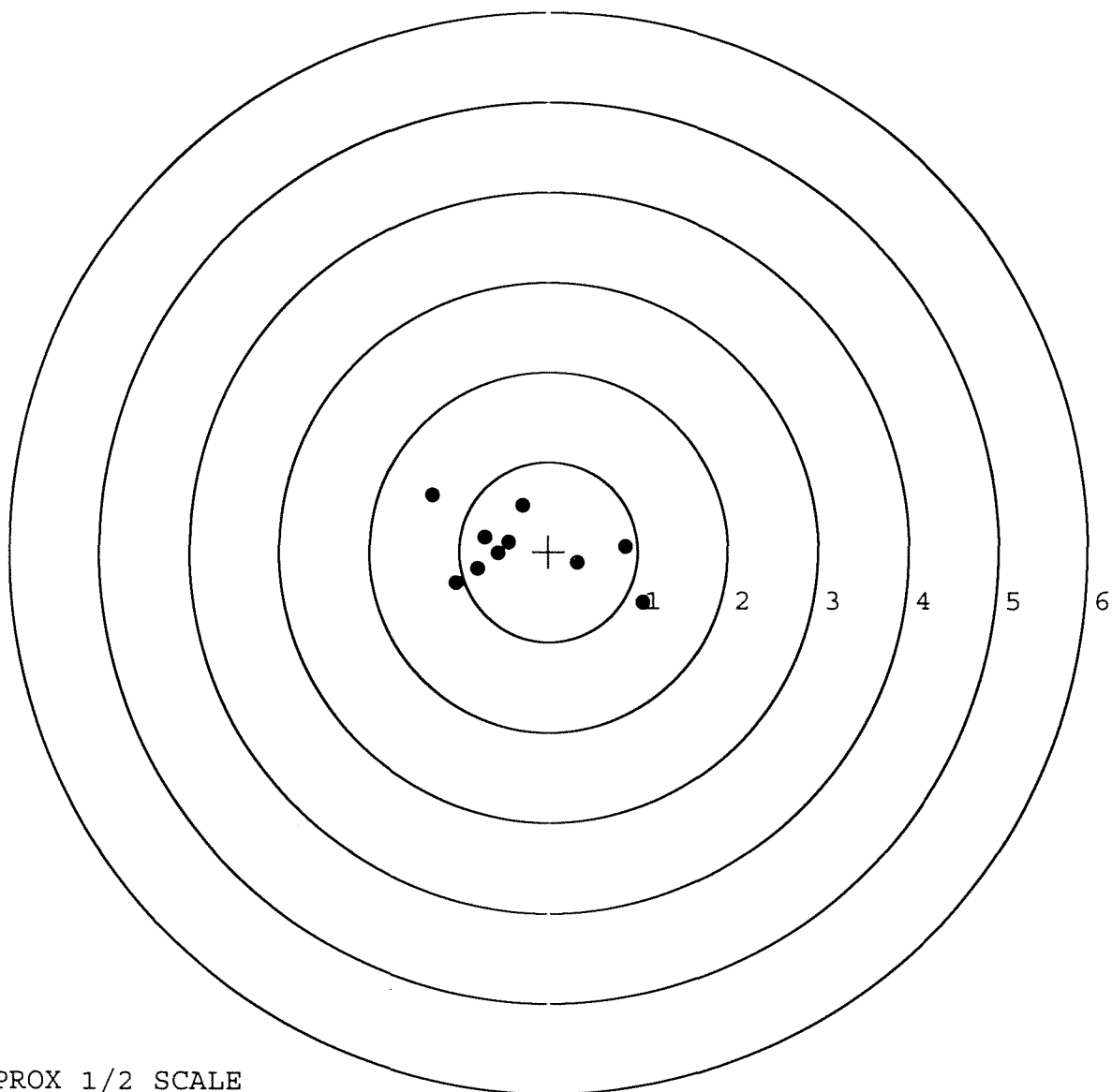


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523330. 0
TARGET NUMBER: 3
FILE DATE: 09/30/2009
FILE TIME: 07:20

X CENTROID: -0.294
Y CENTROID: 0.016
POA TO CENTROID: 0.294
HORZ SPREAD: 2.360
VERT SPREAD: 1.197
GROUP SPREAD: 2.646
MIN RADIUS: 0.180
MAX RADIUS: 1.474
MEAN RADIUS: 0.722
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

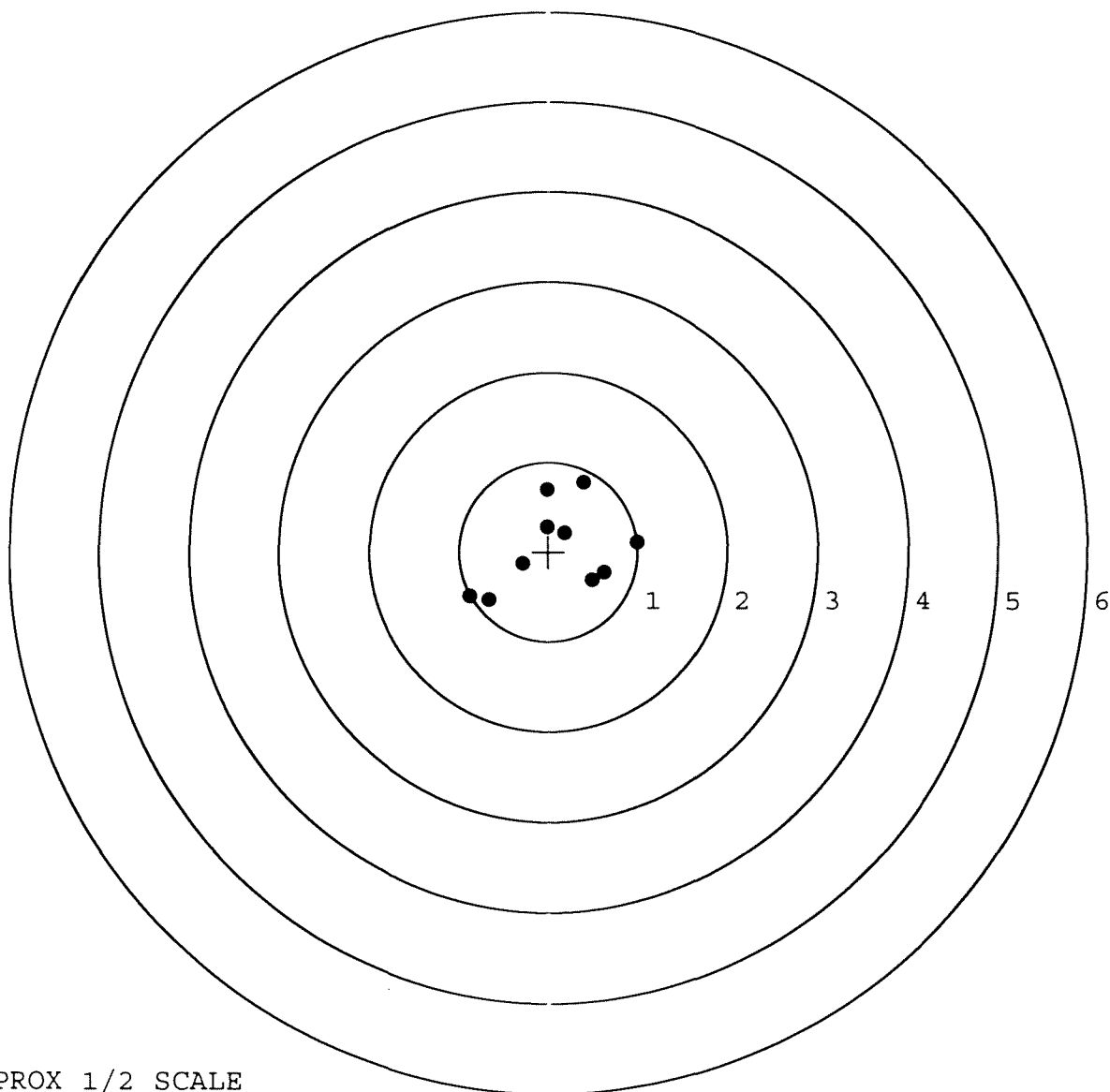
POINT#	X	Y
1:	1.056	-0.576
2:	0.865	0.053
3:	-1.304	0.621
4:	-0.297	0.510
5:	0.321	-0.127
6:	-1.037	-0.355
7:	-0.797	-0.196
8:	-0.570	-0.023
9:	-0.722	0.154
10:	-0.452	0.101



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523330. __0
TARGET NUMBER: 4
FILE DATE: 09/30/2009
FILE TIME: 07:20

	POINT#	X	Y
	1:	-0.886	-0.500
	2:	-0.670	-0.544
	3:	0.487	-0.322
	4:	0.626	-0.237
X CENTROID:	5:	0.996	0.104
Y CENTROID:	6:	-0.022	0.692
POA TO CENTROID:	7:	0.392	0.768
HORZ SPREAD:	8:	-0.025	0.275
VERT SPREAD:	9:	0.175	0.213
GROUP SPREAD:	10:	-0.287	-0.139
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			3
# IN 2 IN DIAMETER:			9
# in 3 IN DIAMETER:			10

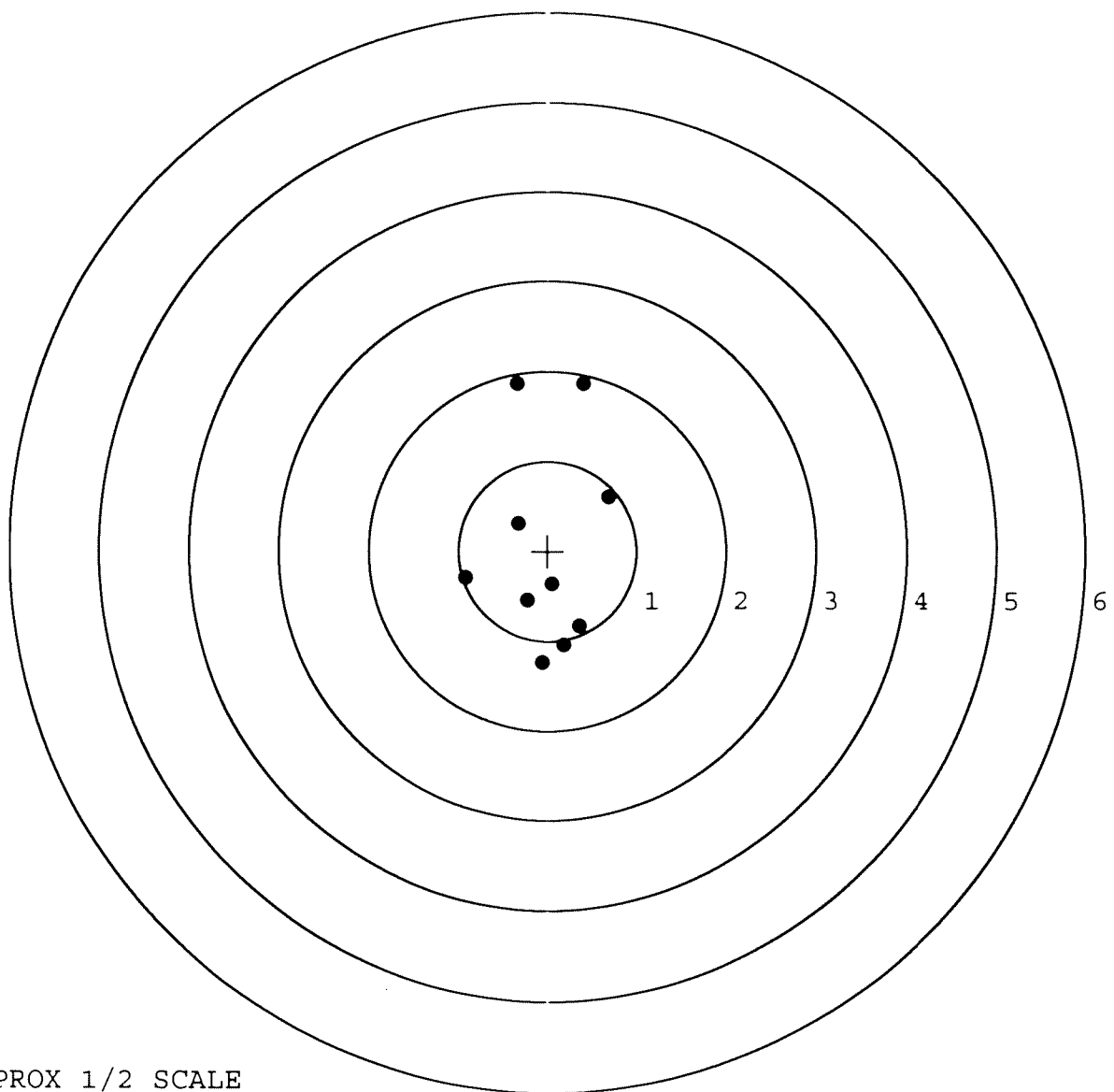


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523330. __0
TARGET NUMBER: 5
FILE DATE: 09/30/2009
FILE TIME: 07:20

X CENTROID: -0.021
Y CENTROID: 0.028
POA TO CENTROID: 0.035
HORZ SPREAD: 1.608
VERT SPREAD: 3.102
GROUP SPREAD: 3.137
MIN RADIUS: 0.406
MAX RADIUS: 1.882
MEAN RADIUS: 1.037
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.342	1.861
2:	0.682	0.604
3:	0.406	1.861
4:	-0.926	-0.304
5:	-0.327	0.313
6:	-0.228	-0.553
7:	-0.063	-1.241
8:	0.185	-1.050
9:	0.357	-0.839
10:	0.049	-0.372



TARGET APPROX 1/2 SCALE

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6523330

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6523330

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523330

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	GL
617	Drill and Tap Sight Holes		9/28/90	FB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/11/90	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/15/90	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			10/15/90	WB
	H) Trigger Pull Test & Retainability						10/11/90	JS
	I) Firing Pin Indent	.023	.023	.023			10/15/90	WB
	J) Assemble Stock						10/17/90	RW
	K) Assemble Swivel Studs						11-20-90	JS
	L) Attach Front and Rear Sight Assemblies						10/17/90	RW
	M) Iron Sight Alignment						10/17/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/17/90	RW
	O) Attach Scope to Rifle						10/18/90	RW
	P) Detach & Attach Scope 20 Times						10/18/90	RW
640	Gallery Target & Test						10-17-90	DH
	A) Time						10-19-90	DH
	B) Malfunctions						10-19-90	DH
	C) Pierced Primers						10-19-90	DH
	D) Optical Clarity of Scope						10-19-90	DH
645	Inspect for Live Ammo						10-19-90	DH
655	Final Inspection							
	A) Headspace						11-20-90	JS
	B) Trigger Pull	251	252	251	261	255	11-20-90	JS
	C) Function						11-20-90	JS
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06523330

DATE 10/11/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.32	2.20	257	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.26	2.28	252	
PULL #3	2.50	2.22	2.32	251	
PULL #4	2.22	2.32	2.30	261	
PULL #5	2.44	2.17	2.35	255	
TOTAL	12.02	11.24	11.45		
AVG.	2.404	2.258	2.29		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.16		
PULL #2	3.29	3.16		
PULL #3	3.24	3.38		
PULL #4	3.15	3.35		
PULL #5	3.25	3.05		
TOTAL	16.3	16.1		
AVG.	3.26	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.38		4.23
PULL #2	4.17	4.27		4.40
PULL #3	4.33	4.15		4.30
PULL #4	4.20	4.23		4.39
PULL #5	4.24	4.37		4.26
TOTAL	21.09	21.4		21.58
AVG.	4.218	4.28		4.316

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523330
22 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.223323
1 TO	2	.282305
1 TO	3	.448286
1 TO	4	.378442
1 TO	5	.182409

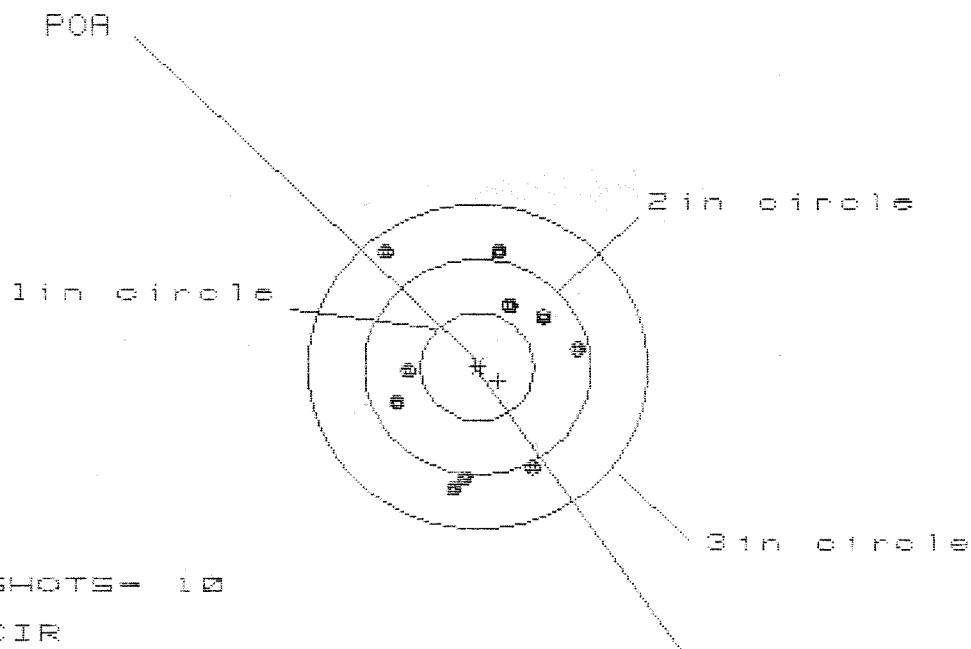
145 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0056
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0227015
THE AMR FOR THIS RIFLE IS: .7902

22 Oct 1930

FILE://PATTERNING/CENTERFIRE_PATT/C8523330

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 10

HS = 1.692

VS = 2.215

GS = 0.084

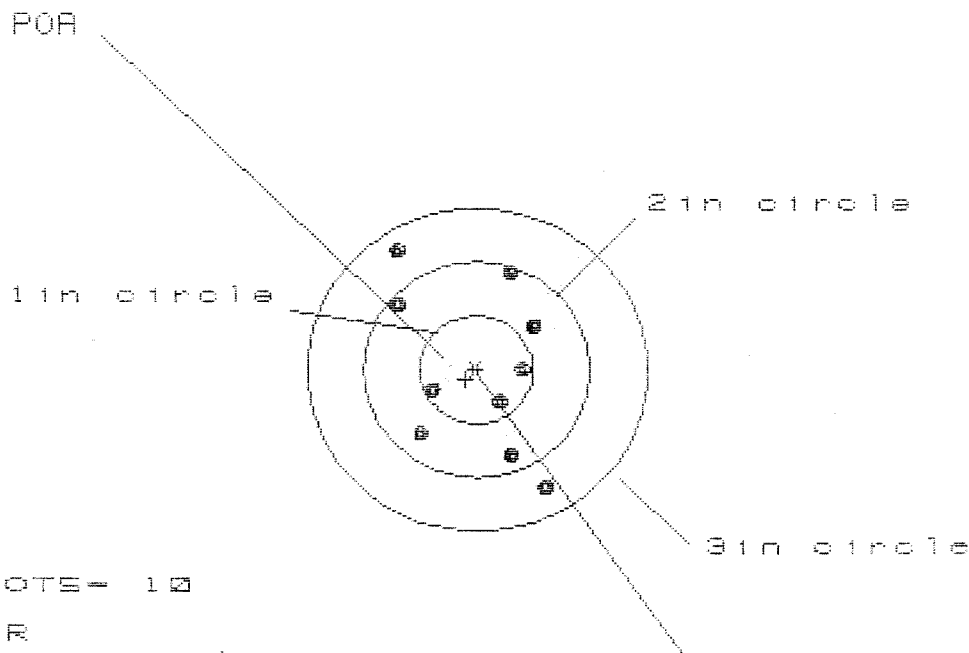
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.877	.786	.749
MINIMUM X	:	-.815	-.781	-.818
MAXIMUM Y	:	1.063	1.169	1.039
MINIMUM Y	:	-1.152	-1.034	-1.025
CENTROID X	:	-.183	-.092	-.055
CENTROID Y	:	.128	.009	.139
POA TO CENTROID in.	:	.223	.093	.149
MIN RADIUS	:	.661	.763	.630
MEAN RADIUS	:	.946	.897	.859
MAX RADIUS	:	1.339	1.175	1.059
HORIZONTAL SPREAD	:	1.692	1.567	1.567
VERTICAL SPREAD	:	2.215	2.203	2.064
EXTREME SPREAD	:	2.394	2.242	2.093
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.330

VS= 2.182

GS= 2.545

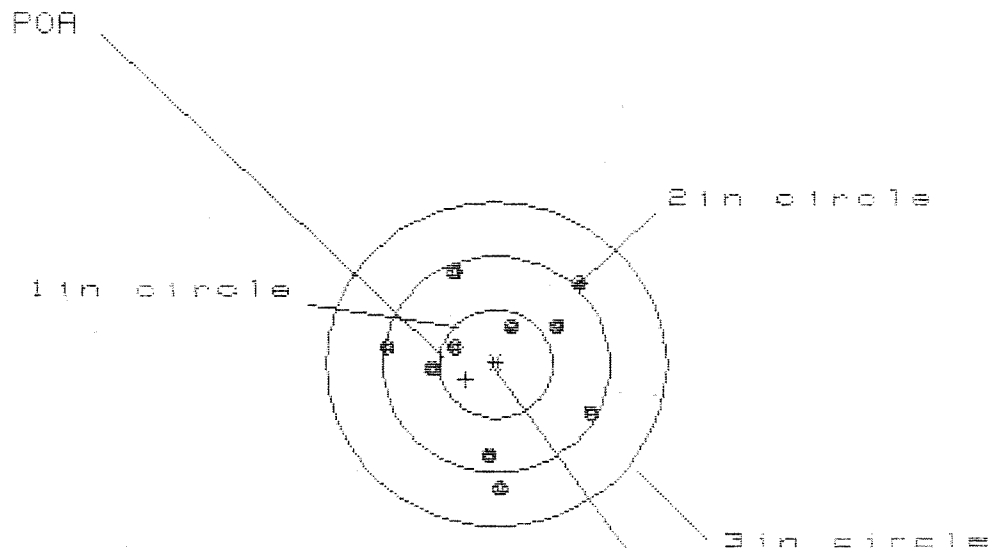
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.620	.544	.465
MINIMUM X	:	-.710	-.786	-.710
MAXIMUM Y	:	1.082	1.020	.898
MINIMUM Y	:	-1.100	-.980	-.817
CENTROID X	:	.097	.173	.105
CENTROID Y	:	.092	-.028	.094
POA TO CENTROID in.	:	.133	.176	.141
MIN RADIUS	:	.327	.185	.324
MEAN RADIUS	:	.784	.704	.661
MAX RADIUS	:	1.283	1.120	.957
HORIZONTAL SPREAD	:	1.330	1.330	1.183
VERTICAL SPREAD	:	2.182	2.000	1.715
EXTREME SPREAD	:	2.545	2.185	1.782
NUMBER IN ONE INCH CIRCLE	=	.	3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.719

VS= 1.999

GS= 2.045

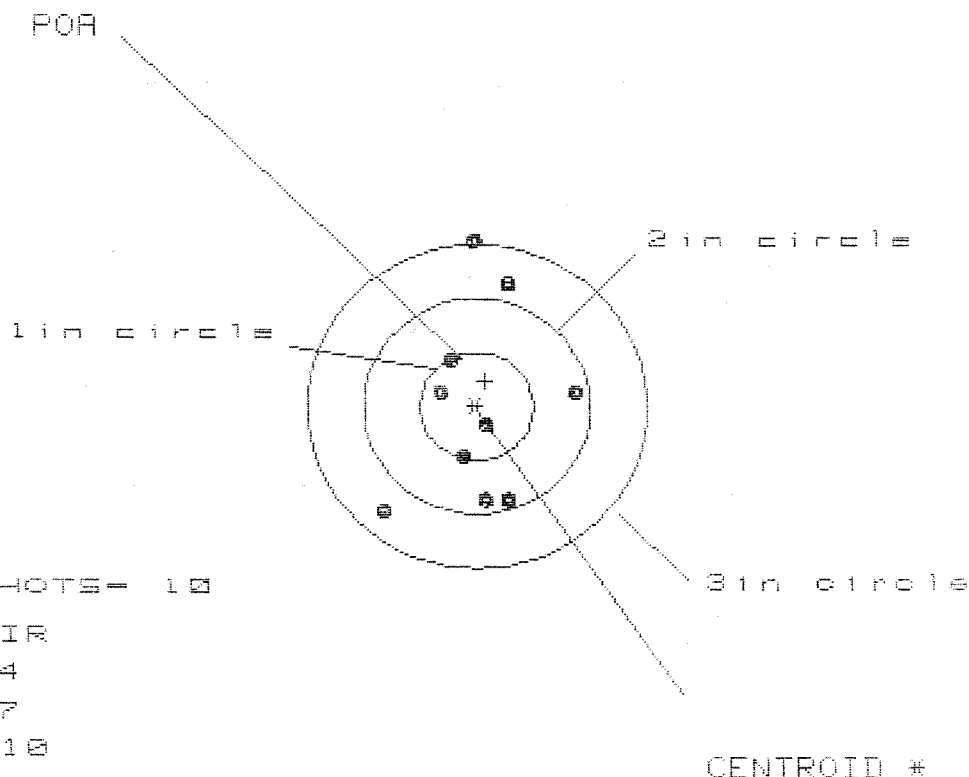
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.802	.810	.900
MINIMUM X	-.917	-.909	-.819
MAXIMUM Y	.815	.683	.757
MINIMUM Y	-1.184	-.953	-.879
CENTROID X	.265	.257	.167
CENTROID Y	.144	.276	.202
POA TO CENTROID in.	.301	.377	.262
MIN RADIUS	.391	.298	.279
MEAN RADIUS	.779	.712	.679
MAX RADIUS	1.187	.999	1.034
HORIZONTAL SPREAD	1.719	1.719	1.719
VERTICAL SPREAD	1.999	1.636	1.636
EXTREME SPREAD	2.045	1.815	1.815
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 1.665

VS= 2.440

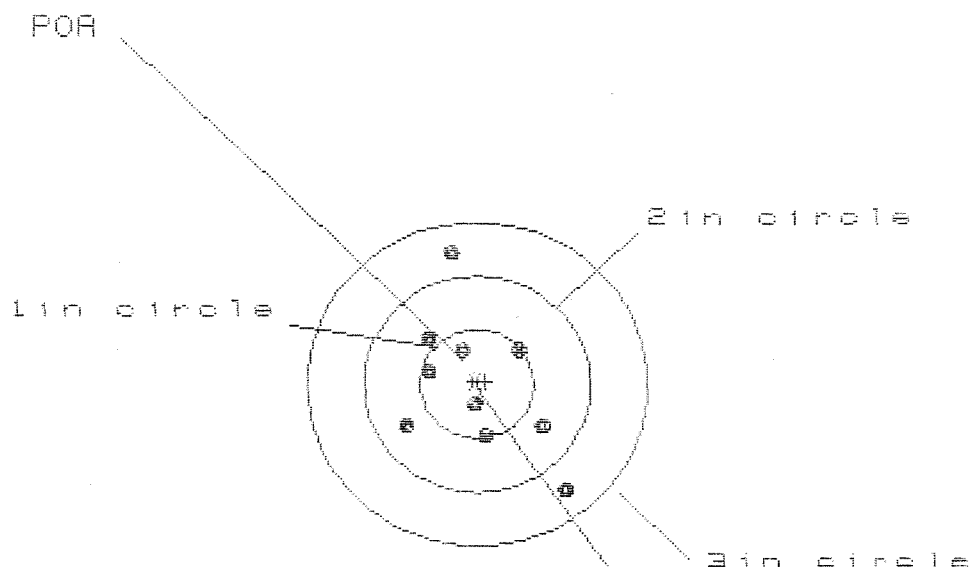
GS= 2.555

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.851	.845	.743
MINIMUM X	-.814	-.820	-.400
MAXIMUM Y	1.486	1.276	1.177
MINIMUM Y	-.954	-.789	-.823
CENTROID X	-.076	-.070	.032
CENTROID Y	-.235	-.400	-.302
POA TO CENTROID in.	.247	.406	.303
MIN RADIUS	.218	.111	.119
MEAN RADIUS	.802	.699	.651
MAX RADIUS	1.487	1.300	1.186
HORIZONTAL SPREAD	1.665	1.665	1.143
VERTICAL SPREAD	2.440	2.065	2.000
EXTREME SPREAD	2.555	2.324	2.011
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.376

VS = 2.151

GS = 2.398

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.800	.640	.619
MINIMUM X	:	-.576	-.487	-.508
MAXIMUM Y	:	1.176	1.068	.489
MINIMUM Y	:	-.975	-.628	-.495
CENTROID X	:	-.075	-.164	-.143
CENTROID Y	:	-.019	.089	-.044
POA TO CENTROID in.	:	.078	.187	.150
MIN RADIUS	:	.155	.233	.138
MEAN RADIUS	:	.640	.560	.485
MAX RADIUS	:	1.261	1.081	.710
HORIZONTAL SPREAD	:	1.376	1.127	1.127
VERTICAL SPREAD	:	2.151	1.696	.984
EXTREME SPREAD	:	2.398	1.749	1.298
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	