

C6349036

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00146473**

Serial: C6349036 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status:

Closed 6/17/2008 9:41:07 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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/17/2008

10:46 AM

CAPS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par ...

Ar ...

Cre ...

My ...

10:46 AM

Number: **C6349036**

Model: **M24 SWS**



RE00146473

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400106349

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER 146473
SERIAL NUMBER 06349036
LOG-IN DATE 6-17-08

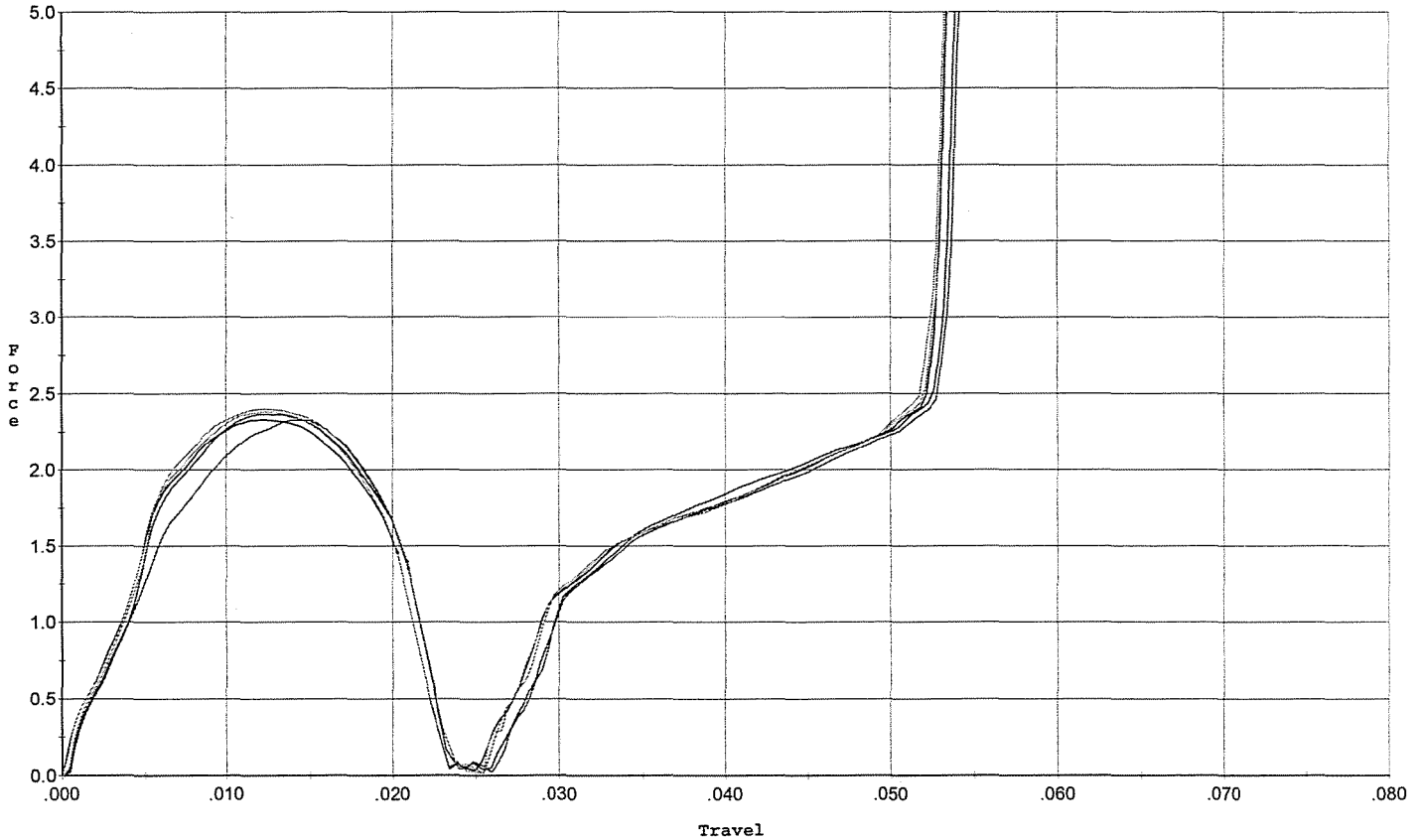
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-9-09	RTZ
505	RE-BARREL	9-11-09	RTZ
420	ASSEMBLE	9-11-09	RTZ
440	PROOF	9-11-09	SPD
460	CHECK HEADSPACE	9-11-09	SPD
470	DIS-ASSEMBLE GUN	9-11-09	SPD
480	MAGNAFLUX	9-11-09	RTZ
510	DRILL AND TAP	9-14-09	SP
500	ROLLMARK CALIBER	9-17-09	SP
520	GOFF BLAST BBL / REC	9-17-09	SP
530 & 540	APPLY COATINGS	9-18-09	SP
560	FINAL ASSEMBLY	9-23-09	RTZ
640	FUNCTION TEST AND	9-28-09	RP
650	TARGET	9-28-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-28-09	SPD
	A) HEADSPACE	9-29-09	LB
	B) TRIGGER PULL	272 275 2.83 282 294 9/29/09	RR
680	F) SAFETY ON FORCE	3° 3° 3°	
	G) SAFETY OFF FORCE	7° 7° 7°	
	I) FIRING PIN INDENT	.021 .020 .020	
690	PACK	10/12/09	FM

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.



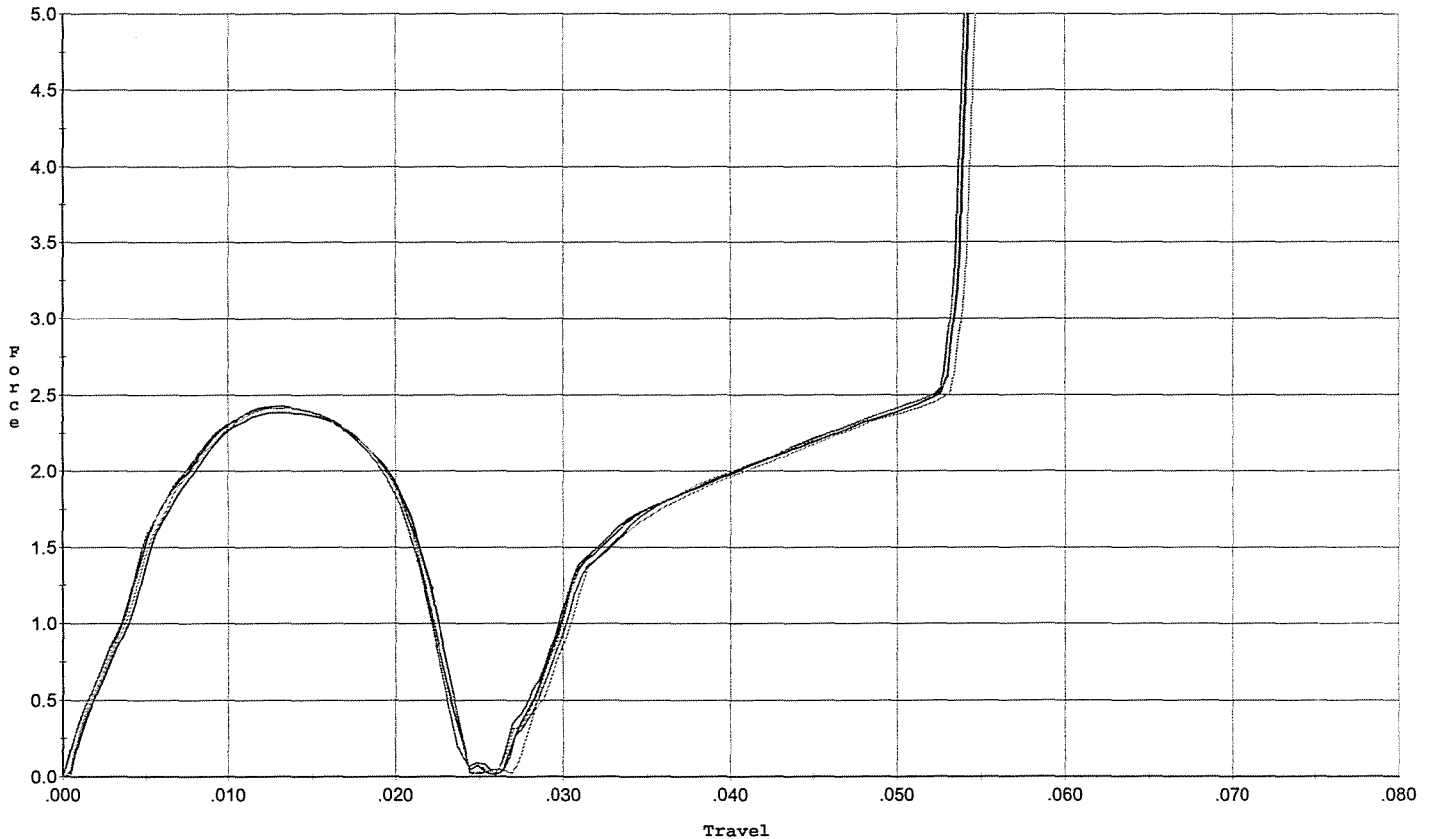
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.367	0.021	0.00	0.038	0.035		Set Trigger
2	2.330	0.020	0.00	0.038	0.034		Set Trigger
3	2.328	0.021	0.00	0.038	0.033		Set Trigger
4	2.382	0.020	0.00	0.038	0.034		Set Trigger
5	2.402	0.021	0.00	0.037	0.036		Set Trigger

Avg 2.36

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.



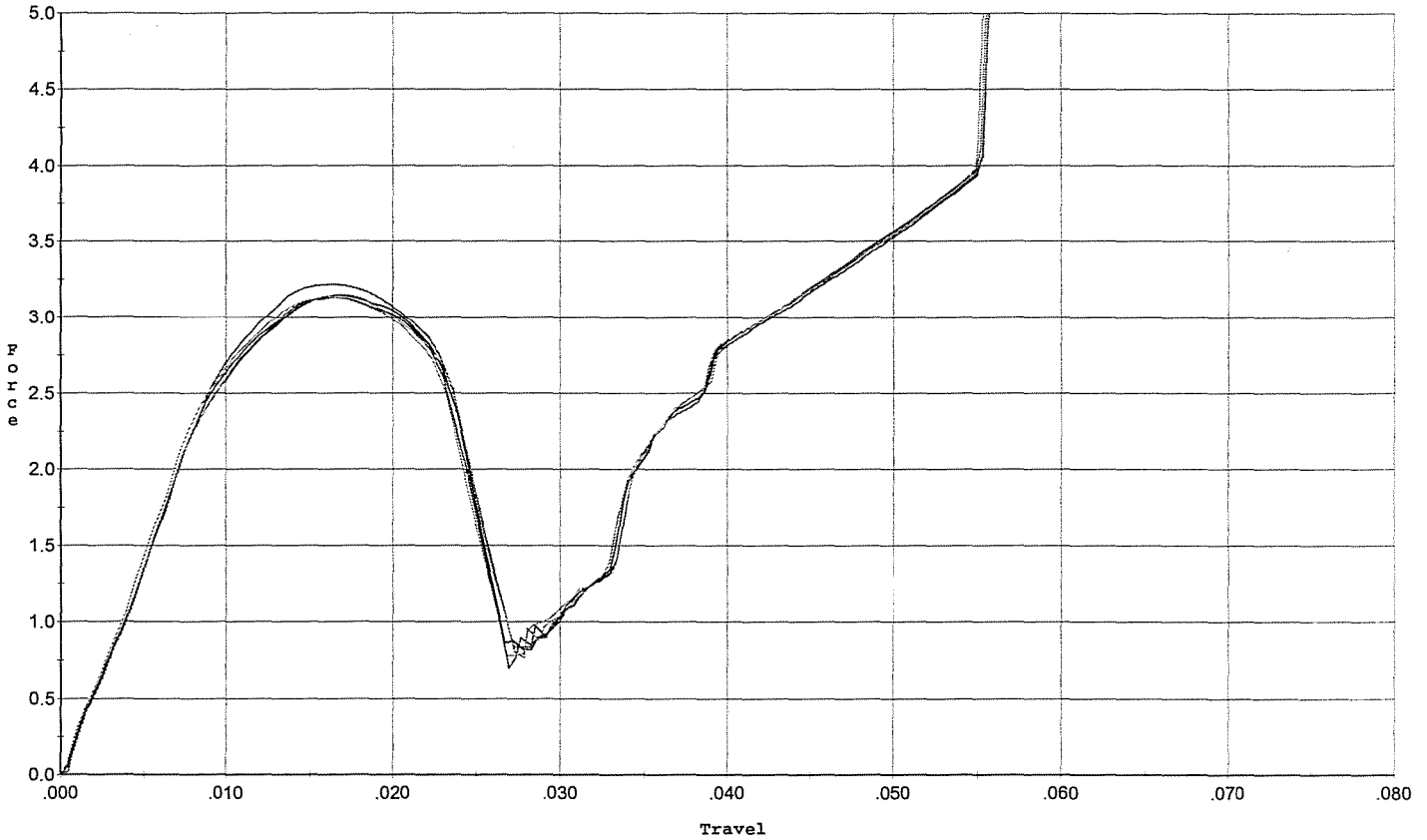
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.428	0.021	0.00	0.037	0.037		Set Trigger
2	2.386	0.022	0.00	0.037	0.037		Set Trigger
3	2.414	0.021	0.00	0.038	0.037		Set Trigger
4	2.415	0.022	0.00	0.038	0.038		Set Trigger
5	2.418	0.021	0.00	0.037	0.037		Set Trigger

Avg 2.41

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.



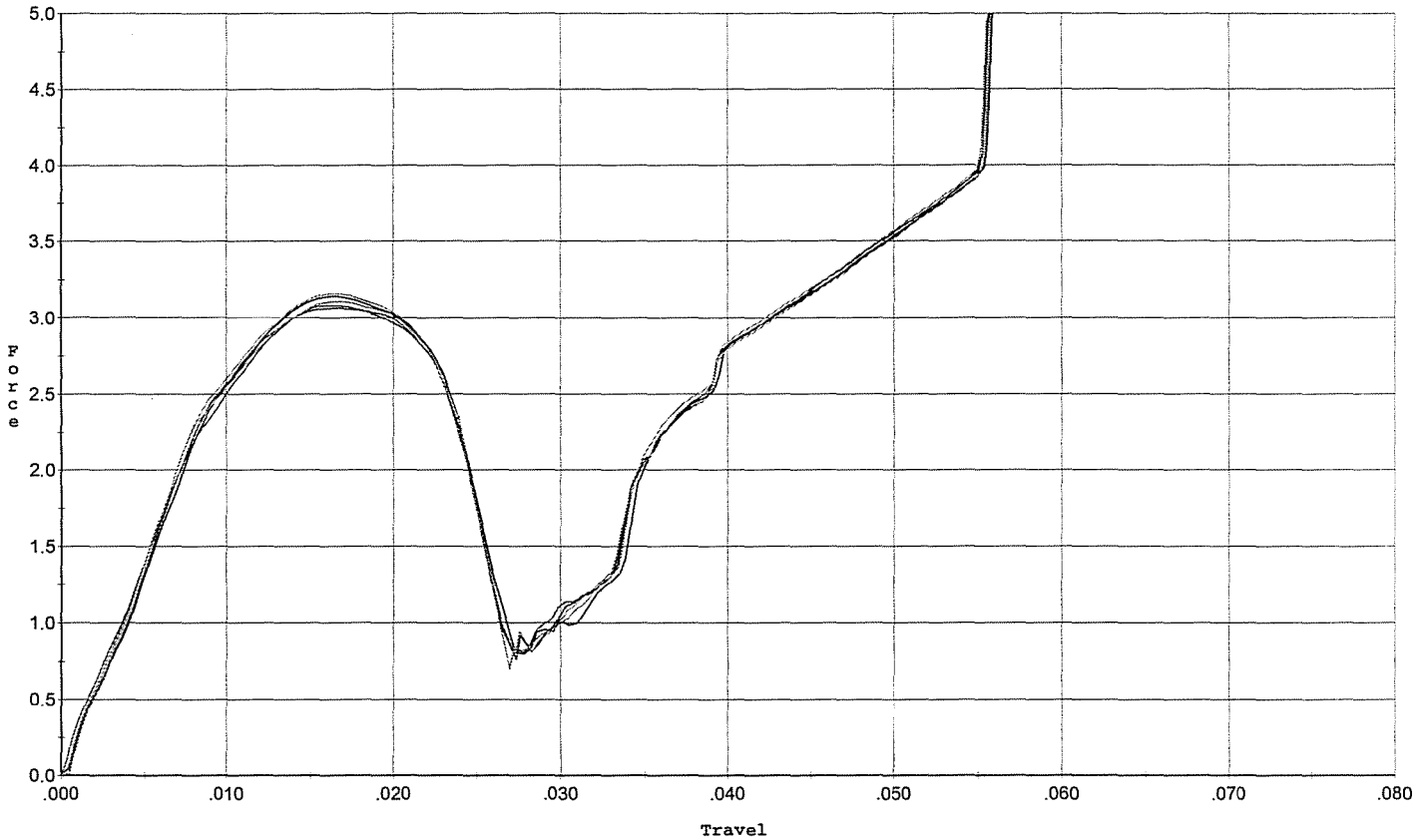
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.128	0.024	0.00	0.035	0.053		Set Trigger
2	3.144	0.024	0.00	0.035	0.051		Set Trigger
3	3.215	0.024	0.00	0.035	0.052		Set Trigger
4	3.128	0.023	0.00	0.035	0.050		Set Trigger
5	3.150	0.024	0.00	0.035	0.051		Set Trigger

Aug 3.15

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.



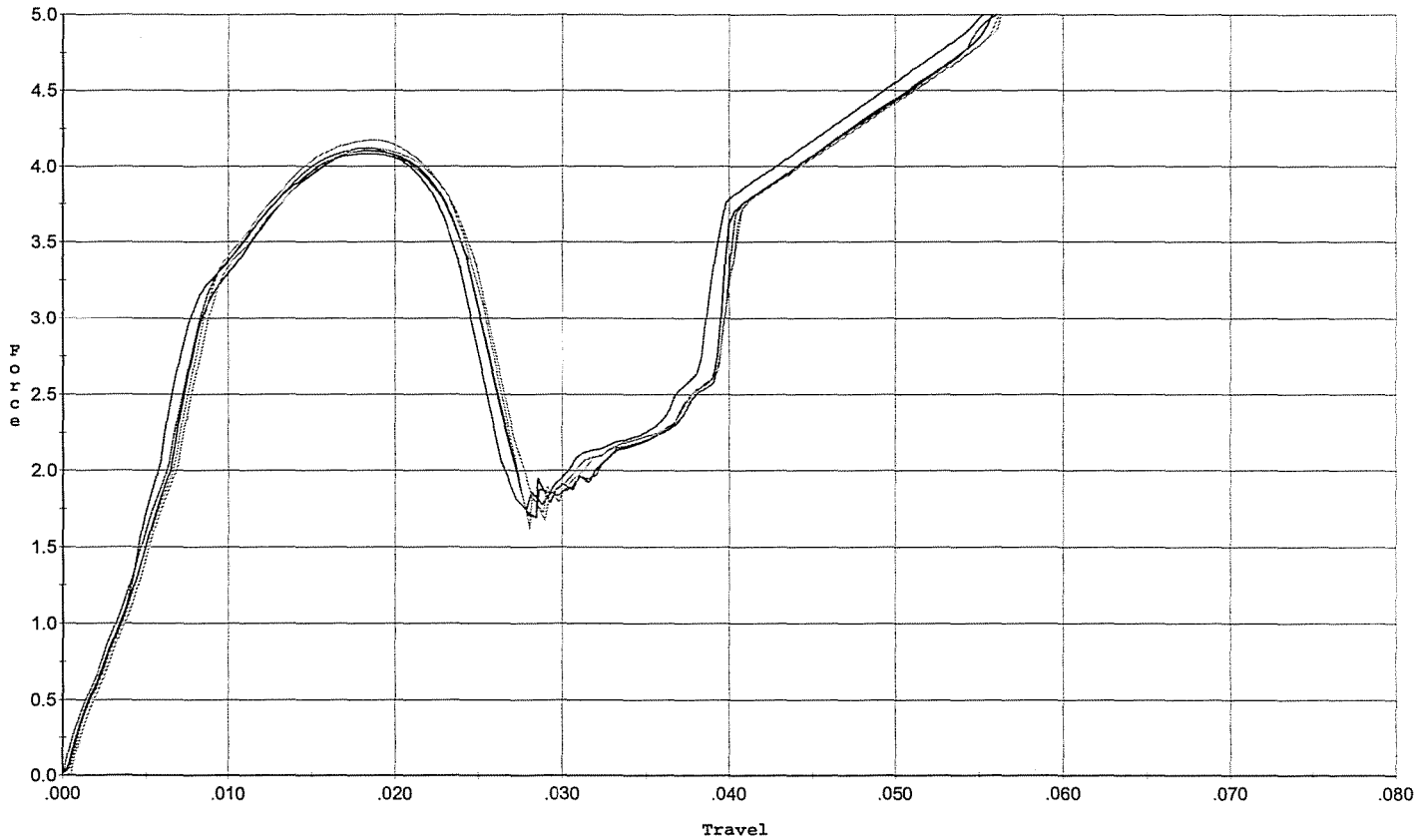
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.065	0.024	0.00	0.035	0.051		Set Trigger
2	3.140	0.024	0.00	0.035	0.051		Set Trigger
3	3.081	0.024	0.00	0.035	0.052		Set Trigger
4	3.107	0.024	0.00	0.035	0.051		Set Trigger
5	3.156	0.024	0.00	0.035	0.053		Set Trigger

Avg 3.11

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.



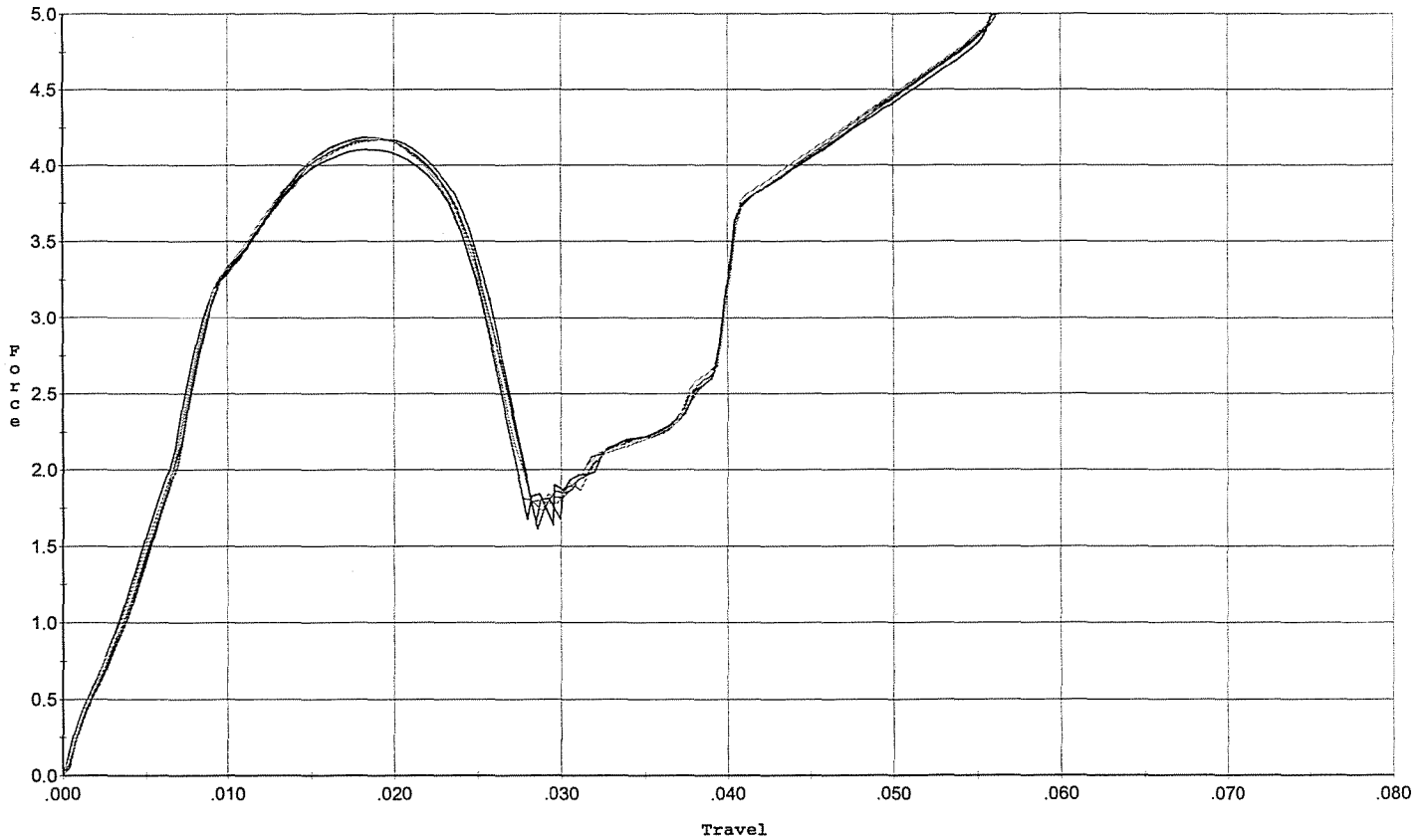
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.083	0.024	0.00	0.033	0.067		Set Trigger
2	4.103	0.024	0.00	0.033	0.067		Set Trigger
3	4.121	0.024	0.00	0.033	0.068		Set Trigger
4	4.118	0.025	0.00	0.033	0.068		Set Trigger
5	4.175	0.025	0.00	0.033	0.070		Set Trigger

Avg 4.12

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.



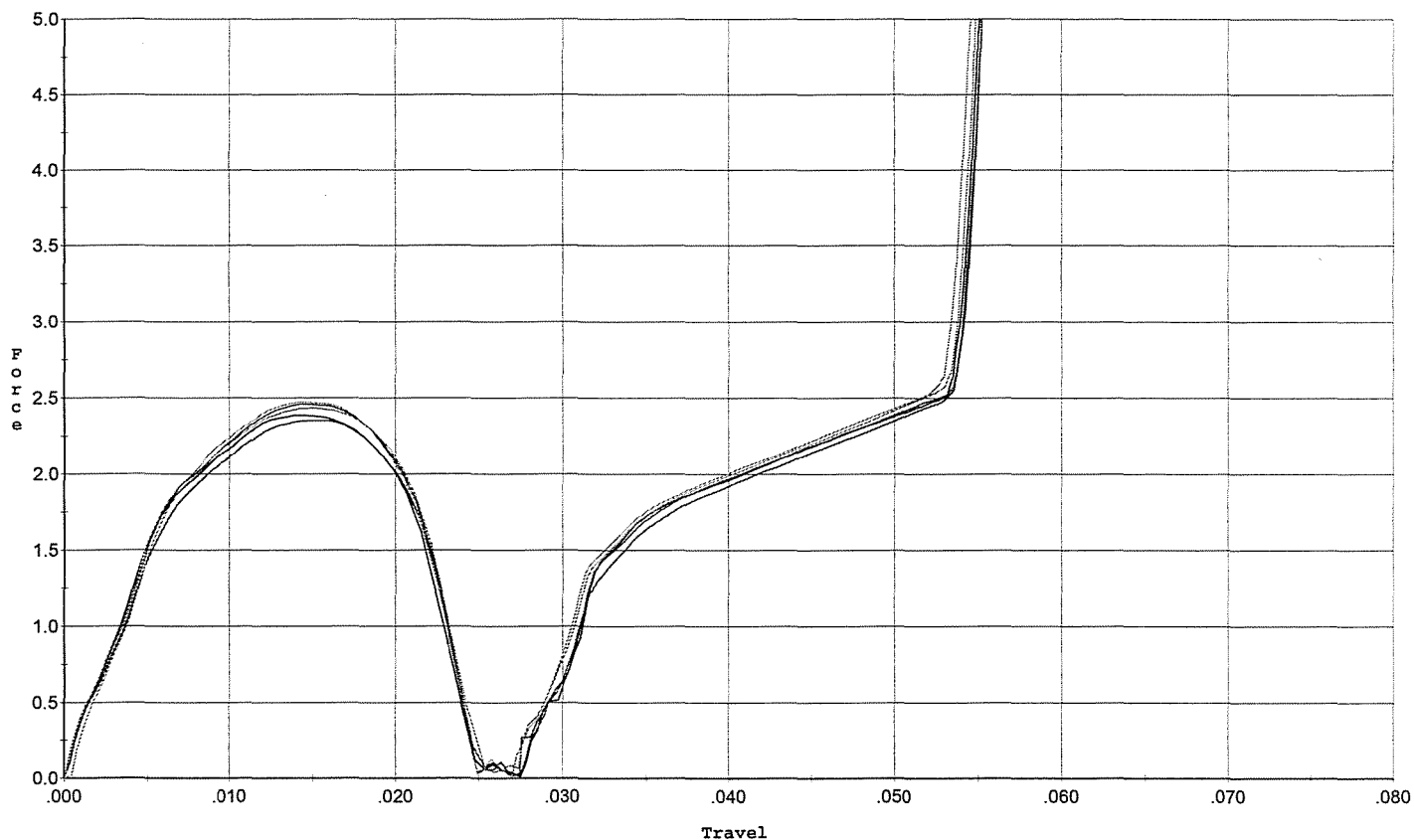
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.186	0.026	0.00	0.032	0.072		Set Trigger
2	4.104	0.025	0.00	0.033	0.070		Set Trigger
3	4.170	0.026	0.00	0.032	0.073		Set Trigger
4	4.182	0.025	0.00	0.032	0.070		Set Trigger
5	4.171	0.025	0.00	0.032	0.069		Set Trigger

Avg 4.16

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



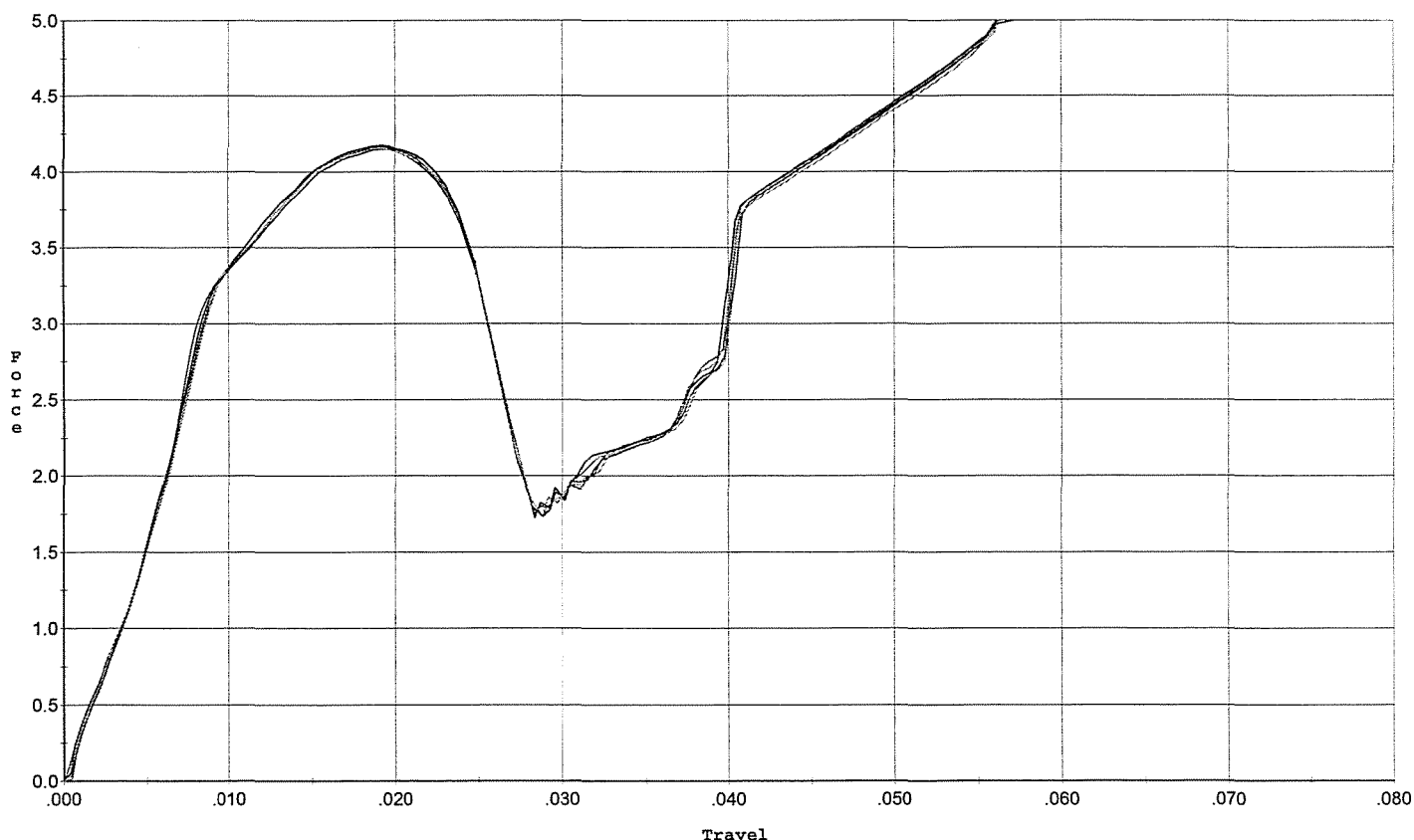
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.353	0.022	0.00	0.038	0.038		Set Trigger
2	2.388	0.023	0.00	0.038	0.040		Set Trigger
3	2.459	0.022	0.00	0.038	0.039		Set Trigger
4	2.472	0.023	0.00	0.037	0.040		Set Trigger
5	2.434	0.022	0.00	0.037	0.039		Set Trigger

Avg 2.42

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	4.148	0.025	0.00	0.033	0.070		Set Trigger
2	4.175	0.025	0.00	0.033	0.070		Set Trigger
3	4.165	0.025	0.00	0.033	0.069		Set Trigger
4	4.151	0.025	0.00	0.033	0.070		Set Trigger
5	4.176	0.025	0.00	0.033	0.069		Set Trigger

Avg 4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349036.____0
FILE DATE AND TIME: 09/29/2009 10:06

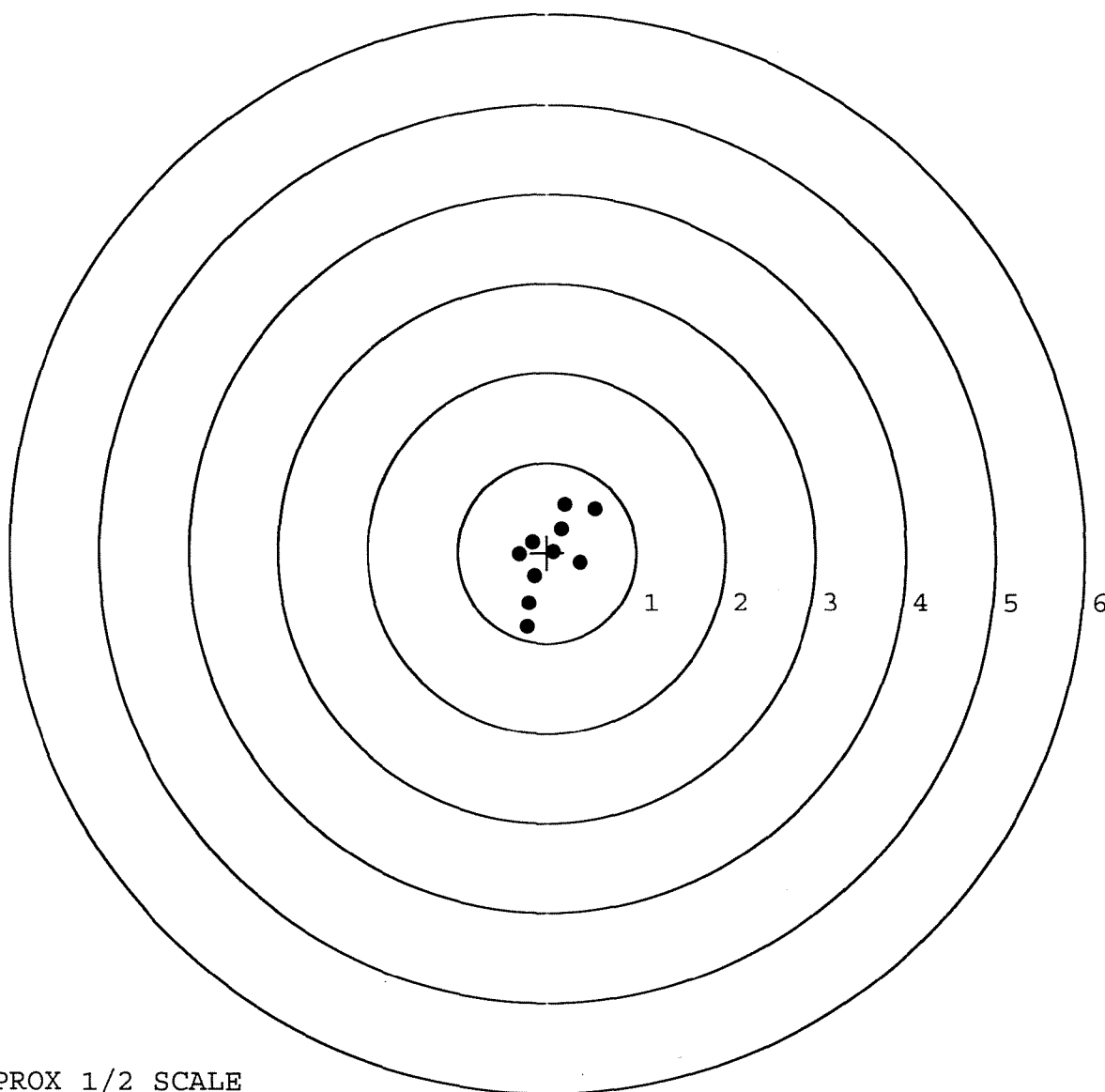
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.077
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.502
The Distance from POA to Centroid Target #1:	0.050
The Distance from Centroid Target #2 to Centroid Target #1:	0.066
The Distance from Centroid Target #3 to Centroid Target #1:	0.073
The Distance from Centroid Target #4 to Centroid Target #1:	0.219
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

SERIAL NUMBER: C6349036.____0
TARGET NUMBER: 1
FILE DATE: 09/29/2009
FILE TIME: 10:06

X CENTROID: 0.029
Y CENTROID: -0.041
POA TO CENTROID: 0.050
HORZ SPREAD: 0.846
VERT SPREAD: 1.354
GROUP SPREAD: 1.507
MIN RADIUS: 0.067
MAX RADIUS: 0.822
MEAN RADIUS: 0.432
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.197	0.530
2:	0.537	0.479
3:	0.160	0.254
4:	0.373	-0.119
5:	-0.161	0.109
6:	-0.309	-0.026
7:	-0.221	-0.824
8:	-0.207	-0.561
9:	-0.146	-0.262
10:	0.069	0.013

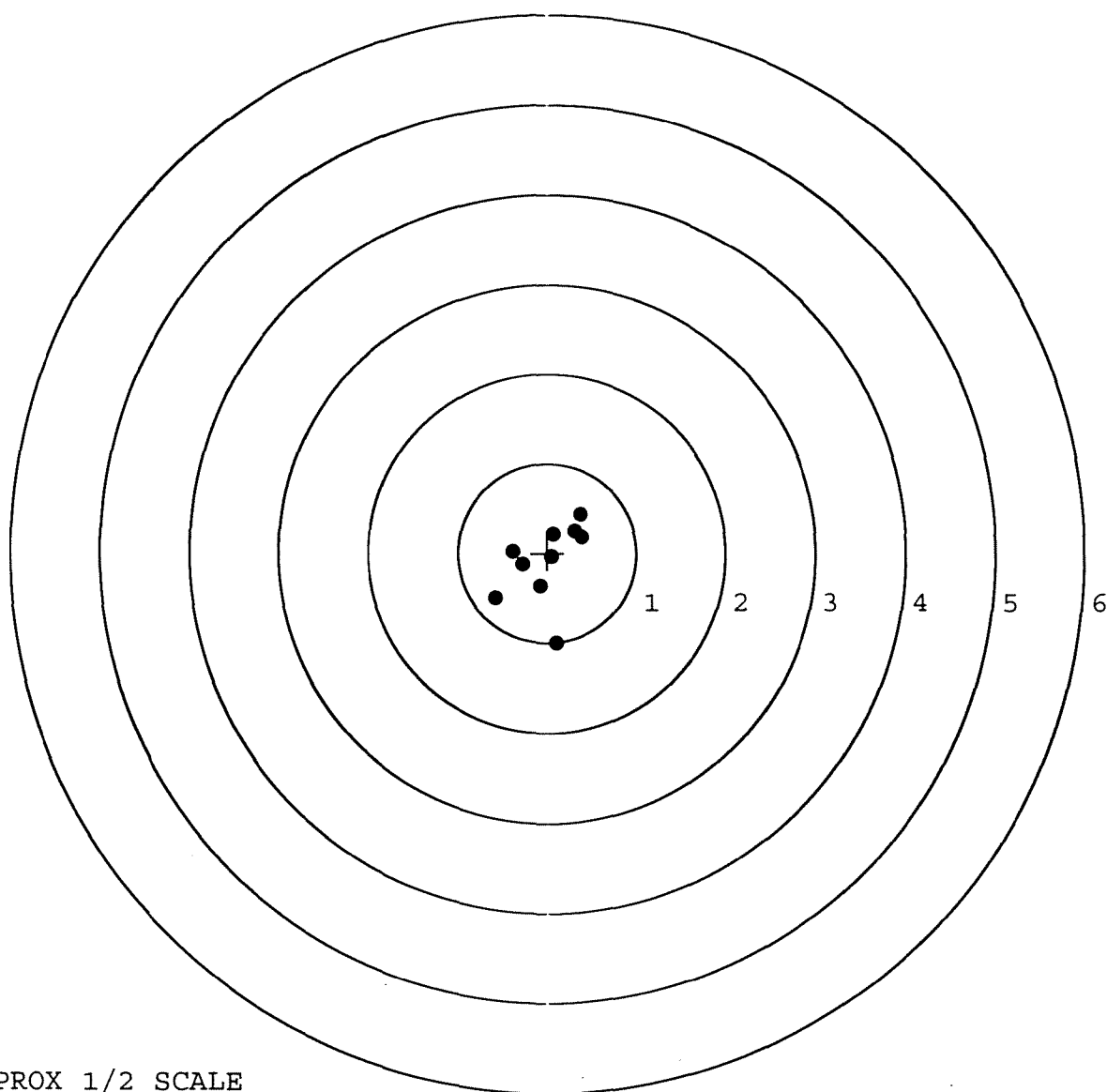


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349036. __0
TARGET NUMBER: 2
FILE DATE: 09/29/2009
FILE TIME: 10:06

X CENTROID: -0.004
Y CENTROID: -0.098
POA TO CENTROID: 0.098
HORZ SPREAD: 0.969
VERT SPREAD: 1.440
GROUP SPREAD: 1.464
MIN RADIUS: 0.074
MAX RADIUS: 0.921
MEAN RADIUS: 0.456
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.104	-1.013
2:	-0.582	-0.502
3:	-0.082	-0.367
4:	-0.386	0.019
5:	0.047	-0.044
6:	0.387	0.177
7:	0.367	0.427
8:	0.069	0.213
9:	0.311	0.241
10:	-0.277	-0.130

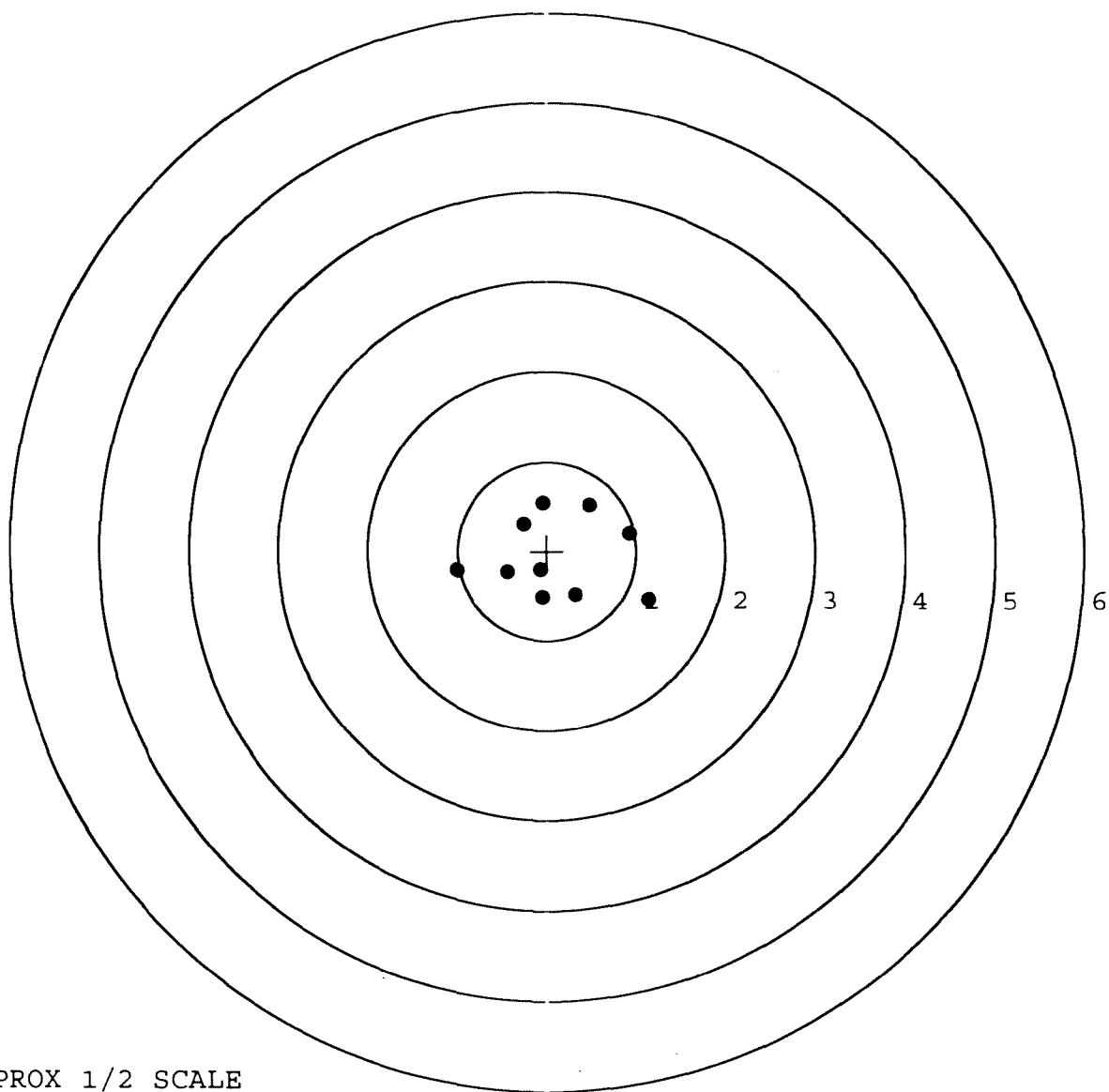


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349036. __0
TARGET NUMBER: 3
FILE DATE: 09/29/2009
FILE TIME: 10:06

X CENTROID: 0.097
Y CENTROID: -0.068
POA TO CENTROID: 0.118
HORZ SPREAD: 2.143
VERT SPREAD: 1.080
GROUP SPREAD: 2.168
MIN RADIUS: 0.226
MAX RADIUS: 1.140
MEAN RADIUS: 0.670
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.134	-0.542
2:	0.929	0.198
3:	-1.009	-0.217
4:	-0.440	-0.238
5:	-0.079	-0.210
6:	0.318	-0.493
7:	0.479	0.508
8:	-0.047	0.538
9:	-0.256	0.300
10:	-0.059	-0.519

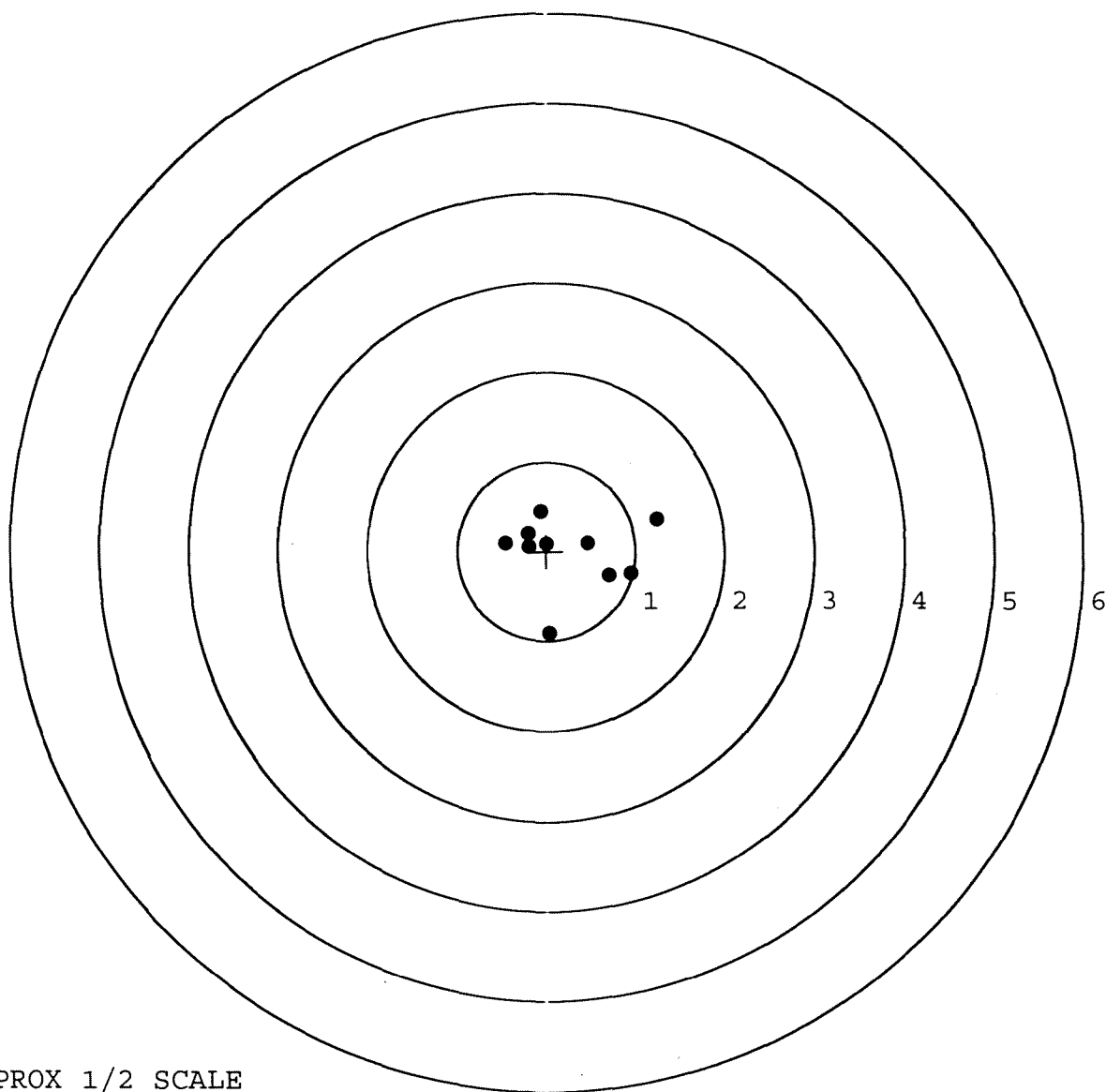


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349036. __0
TARGET NUMBER: 4
FILE DATE: 09/29/2009
FILE TIME: 10:06

X CENTROID: 0.246
Y CENTROID: -0.012
POA TO CENTROID: 0.246
HORZ SPREAD: 1.694
VERT SPREAD: 1.366
GROUP SPREAD: 1.755
MIN RADIUS: 0.238
MAX RADIUS: 1.058
MEAN RADIUS: 0.598
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.038	-0.924
2:	1.237	0.358
3:	0.462	0.088
4:	0.949	-0.247
5:	0.705	-0.275
6:	-0.069	0.442
7:	-0.006	0.086
8:	-0.205	0.204
9:	-0.457	0.090
10:	-0.196	0.059

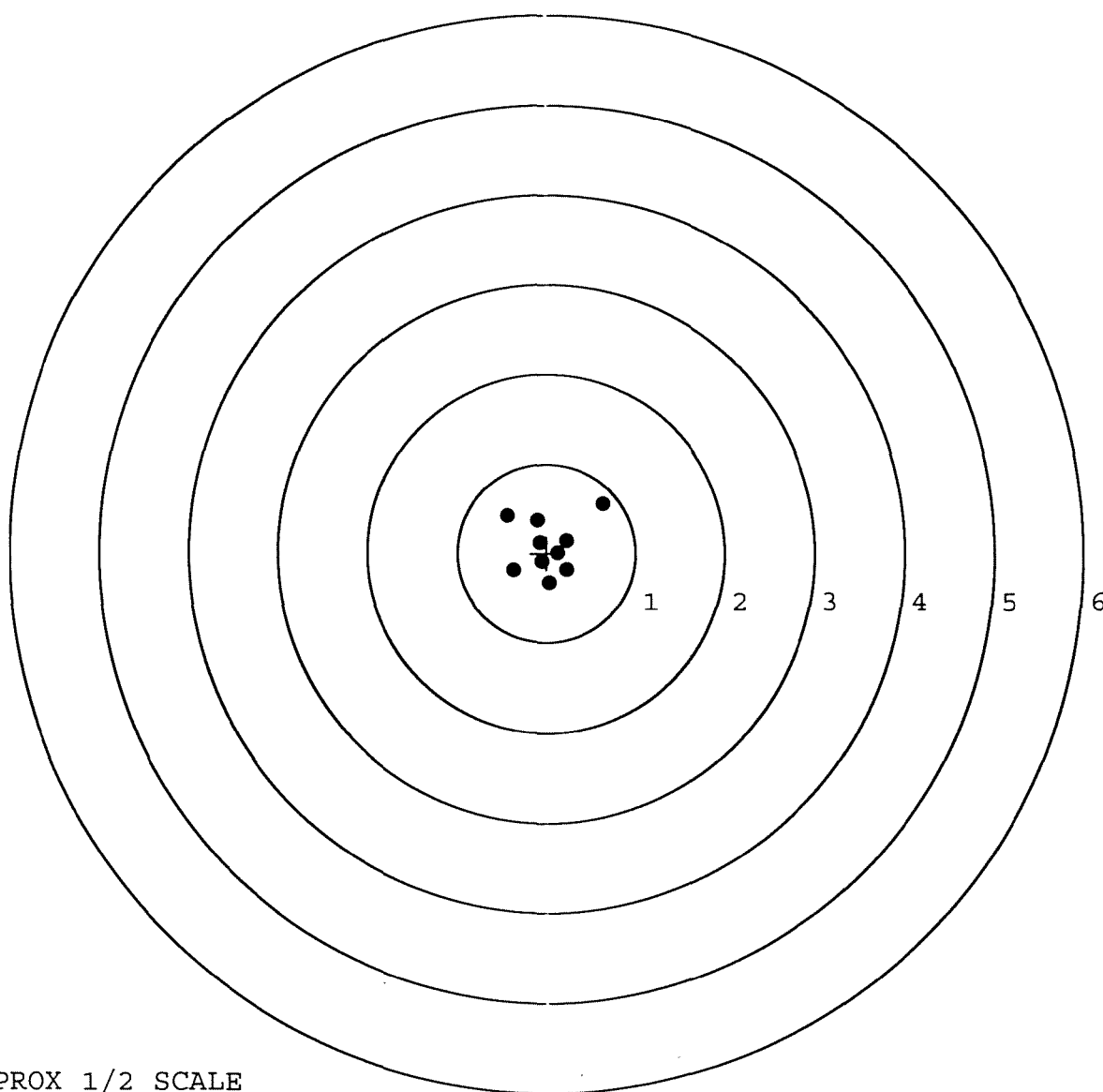


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349036. __0
TARGET NUMBER: 5
FILE DATE: 09/29/2009
FILE TIME: 10:06

X CENTROID: 0.019
Y CENTROID: 0.077
POA TO CENTROID: 0.079
HORZ SPREAD: 1.073
VERT SPREAD: 0.891
GROUP SPREAD: 1.256
MIN RADIUS: 0.105
MAX RADIUS: 0.782
MEAN RADIUS: 0.352
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.639	0.553
2:	-0.434	0.415
3:	-0.105	0.368
4:	0.220	0.134
5:	0.223	-0.192
6:	0.030	-0.338
7:	-0.371	-0.194
8:	-0.059	-0.094
9:	-0.078	0.117
10:	0.122	0.000



TARGET APPROX 1/2 SCALE

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

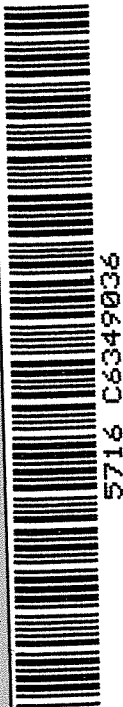
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

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

SERIAL NO.
C6349036

ORDER NO.
5716

Ø1



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349036

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	RW
600	Proof	1 30	90	A
607	Check Headspace	1 30	90	A
610	Dis-assemble Gun	1 30	90	RW
612	Magnaflux Barrel Action	2-5-90		KCR
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber	2-5-90		GS
617	Drill and Tap Sight Holes	2-5-90		FB
618	Polish Barrel RB	2-5-90		WB
620	Apply Coatings (Barrel Action)		2-17-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/90	WB
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/18/90	94

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/19/90	96
	G) Safety Off Force	4	4	4			4/19/90	821
	H) Trigger Pull Test & Retainability						4/18/90	821
	I) Firing Pin Indent	.022	.0215	.0215			4/19/90	821
	J) Assemble Stock						4/19/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/19/90	RW
	M) Iron Sight Alignment						4/19/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/19/90	RW
	O) Attach Scope to Rifle						4/20/90	RW
	P) Detach & Attach Scope 20 Times						4/20/90	RW
640	Gallery Target & Test						4-20-90	DH
	A) Time						4-20-90	DA
	B) Malfunctions						4-20-90	DH
	C) Pierced Primers						4-20-90	DH
	D) Optical Clarity of Scope						4-20-90	DH
645	Inspect for Live Ammo						4-20-90	DH
655	Final Inspection						4/26/90	WB
	A) Headspace							
	B) Trigger Pull	2.66	2.49	2.65	2.57	2.56	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						4/19/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6349036

DATE 4-18-90

TESTER gfl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.38	2.50	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.27	2.53	2.49	
PULL #3	2.27	2.28	2.54	2.65	
PULL #4	2.20	2.31	2.55	2.57	
PULL #5	2.20	2.34	2.56	2.56	
TOTAL	10.12	11.79	12.68		
AVG.	2.224	2.358	2.536		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.28		
PULL #2	3.26	3.41		
PULL #3	3.23	3.36		
PULL #4	3.29	3.29		
PULL #5	3.25	3.41		
TOTAL	16.19	16.75		
AVG.	3.238	3.35		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.33		4.36
PULL #2	4.49	4.56		4.37
PULL #3	4.11	4.43		4.36
PULL #4	4.10	4.50		4.27
PULL #5	4.49	4.53		4.33
TOTAL	21.69	22.35		21.69
AVG.	4.338	4.47		4.338

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349036
20 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.227507
1 TO	2	.228081
1 TO	3	.186944
1 TO	4	.0541295
1 TO	5	.247736

$\bar{x}$ <----POI

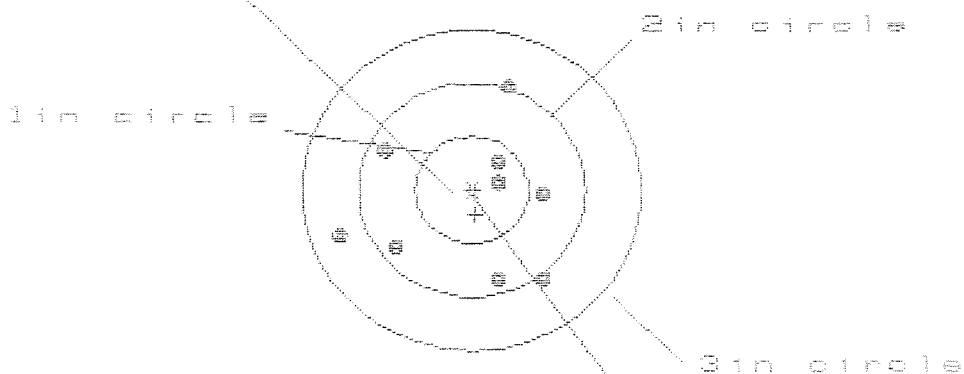
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0274
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .13
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .132856
THE AMR FOR THIS RIFLE IS: .917

28 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349036

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.839

VS= 1.792

GS= 1.988

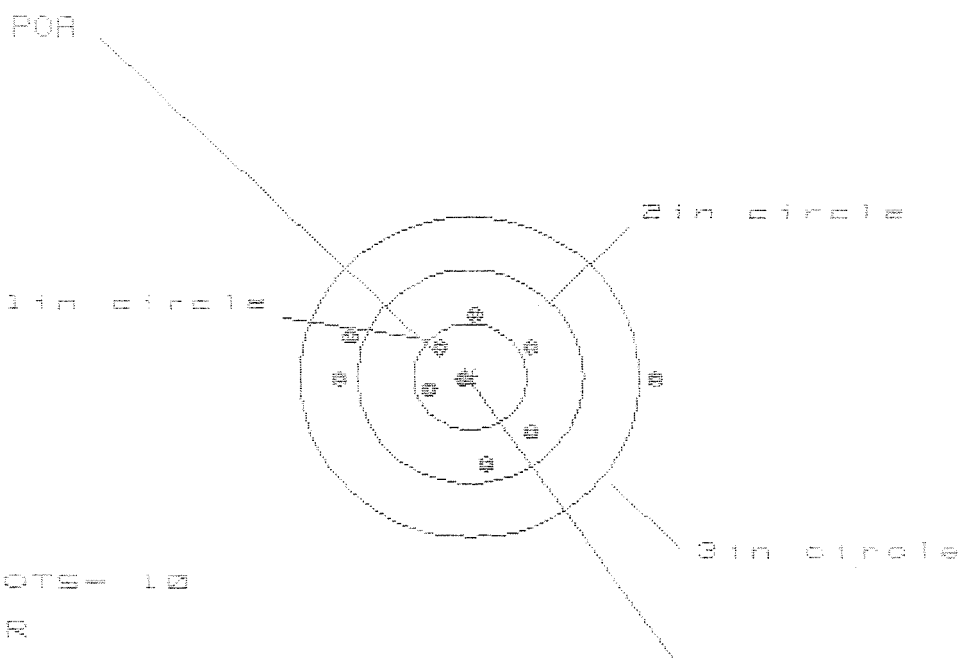
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.674	.545	.682
MINIMUM X	:	-1.165	-.865	-.888
MAXIMUM Y	:	.934	.889	.776
MINIMUM Y	:	-.858	-.983	-.987
CENTROID X	:	-.027	.102	.045
CENTROID Y	:	.226	.271	.384
FOR TO CENTROID in.	:	.228	.289	.386
MIN RADIUS	:	.200	.071	.181
MEAN RADIUS	:	.797	.716	.679
MAX RADIUS	:	1.232	1.010	.993
HORIZONTAL SPREAD	:	1.839	1.410	1.410
VERTICAL SPREAD	:	1.792	1.792	1.763
EXTREME SPREAD	:	1.998	1.832	1.768
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HE= 2.853

VS= 1.344

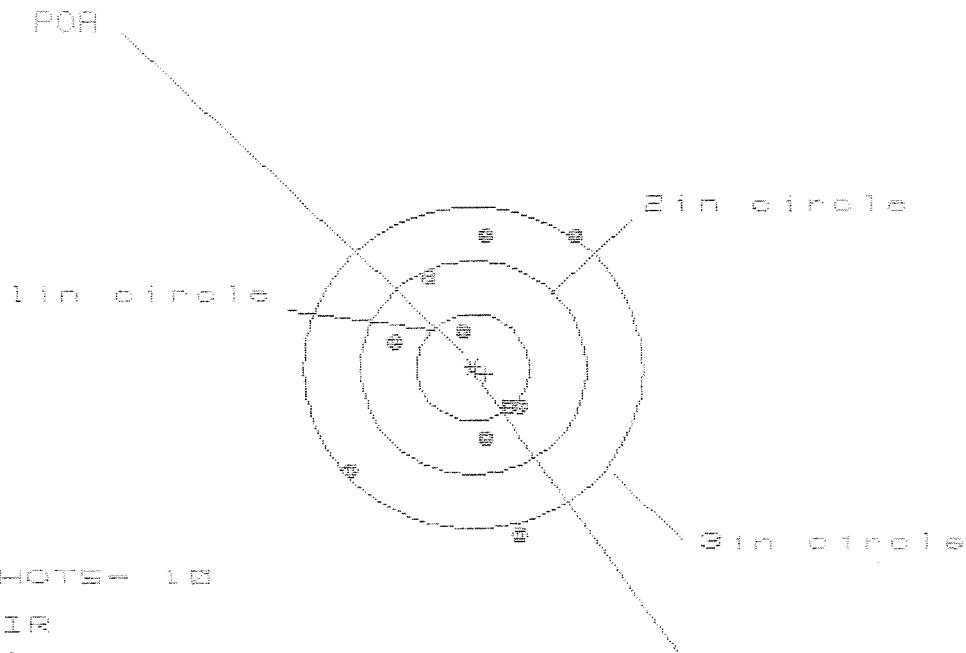
GS= 2.853

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.652	.734	.686
MINIMUM X	:	-1.281	-1.017	-1.017
MAXIMUM Y	:	.540	.535	.534
MINIMUM Y	:	-.884	-.889	-.810
CENTROID X	:	.062	-.122	.006
CENTROID Y	:	.016	.021	.022
POA TO CENTROID in.	:	.064	.123	.023
MIN RADIUS	:	.066	.123	.026
MEAN RADIUS	:	.754	.640	.577
MAX RADIUS	:	1.653	1.017	1.071
HORIZONTAL SPREAD	:	2.853	1.751	1.623
VERTICAL SPREAD	:	1.344	1.344	1.344
EXTREME SPREAD	:	2.853	1.824	1.824
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



* OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.017

VS= 2.766

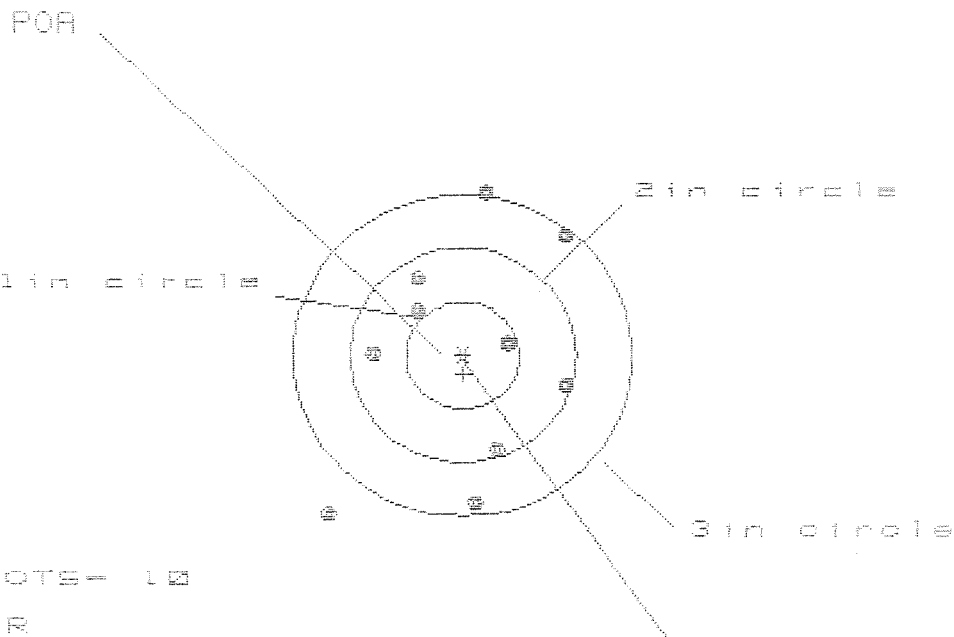
GS= 2.968

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.899	.944	.573
MINIMUM X	-1.118	-1.073	-.955
MAXIMUM Y	1.216	1.043	1.171
MINIMUM Y	-1.550	-1.153	-1.025
CENTROID X	-.109	-.154	-.272
CENTROID Y	.058	.231	.103
POA TO CENTROID in.	.123	.277	.291
MIN RADIUS	.383	.205	.328
MEAN RADIUS	.954	.868	.801
MAX RADIUS	1.603	1.575	1.401
HORIZONTAL SPREAD	2.017	2.017	1.528
VERTICAL SPREAD	2.766	2.196	2.196
EXTREME SPREAD	2.968	2.968	2.527
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 3

HS= 2.085

VS= 2.998

GS= 3.279

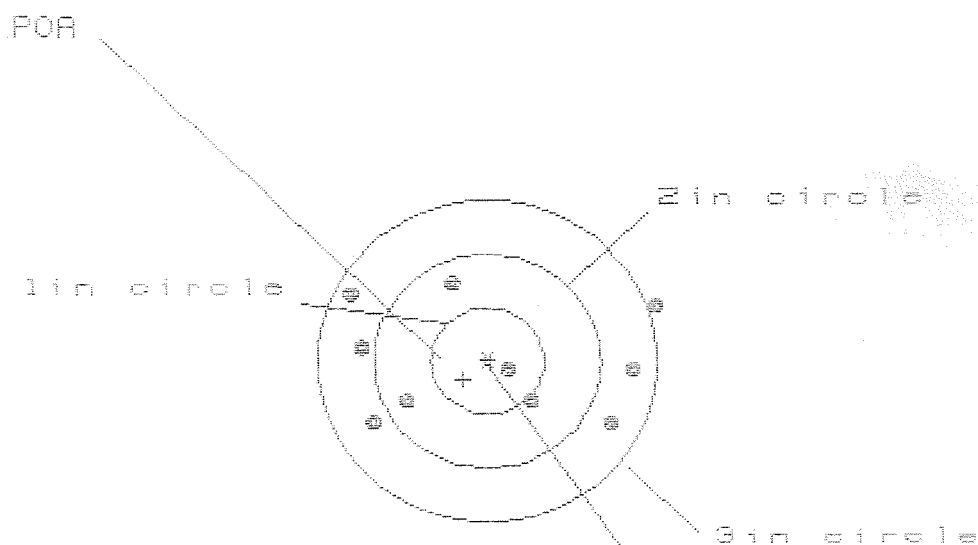
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.787	.791
MINIMUM X	:	-1.168	-.927	-.923
MAXIMUM Y	:	1.552	1.391	1.095
MINIMUM Y	:	-1.446	-1.583	-1.409
CENTROID X	:	-.004	.126	.122
CENTROID Y	:	.177	.338	.164
POA TO CENTROID in.	:	.177	.361	.205
MIN RADIUS	:	.405	.240	.302
MEAN RADIUS	:	1.068	.955	.901
MAX RADIUS	:	1.859	1.583	1.409
HORIZONTAL SPREAD	:	2.085	1.714	1.714
VERTICAL SPREAD	:	2.998	2.974	2.504
EXTREME SPREAD	:	3.279	2.975	2.635
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		3	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.665

VS= 1.338

GS= 2.746

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.478	1.457	1.328
MINIMUM X	:	-1.195	-1.031	-1.181
MAXIMUM Y	:	.751	.813	.898
MINIMUM Y	:	-.587	-.525	-.448
CENTROID X	:	.215	.051	.180
CENTROID Y	:	.173	.111	.026
POA TO CENTROID in.	:	.275	.122	.182
MIN RADIUS	:	.209	.358	.240
MEAN RADIUS	:	1.012	.943	.889
MAX RADIUS	:	1.571	1.457	1.332
HORIZONTAL SPREAD	:	2.665	2.488	2.429
VERTICAL SPREAD	:	1.338	1.338	1.338
EXTREME SPREAD	:	2.746	2.574	2.434
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	