

C6498828

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00151220

Serial: C6498828 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 9/16/2008 2:27:08 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
A007	With Stud	3
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/16/2008

3:26 PM

CAPS

NUM

INS

SCRL

start

8 M

21

3 M

Ar...

Par...

Eas...

5to...

3:26 PM

Serial Number: C6498828
Model M24 SWS
RE00151220

M-24 INSPECTION CHECKLIST
CONTRACT # DAAE-20-02-C-0146

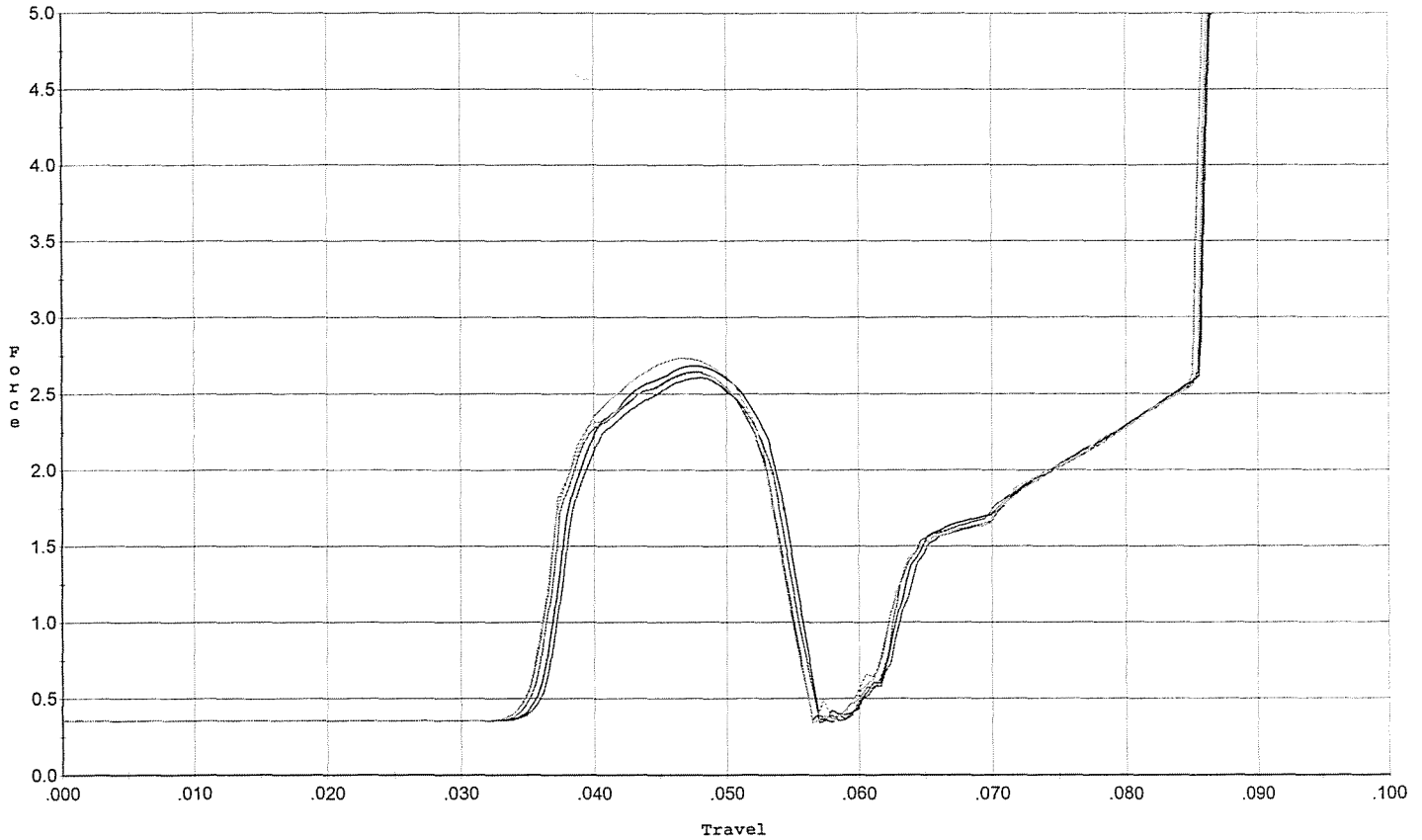
ITEM NUMBER: 151220
SERIAL NUMBER: C6498828
EVAL DATE: 9-16-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-18-08	RTZ
505	RE-BARREL	9-22-08	RTZ
560	ASSEMBLE	9-22-08	RTZ
600	PROOF	9-22-08	SPD
605	CHECK HEADSPACE	9-22-08	SPD
610	DIS-ASSEMBLE GUN	9-22-08	SPD
612	MAGNAFLUX	9/30/08	RTZ
610	DRILL AND TAP	9-23-08	SP
615	ROLLMARK CALIBER	9/30/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-1-08	RTZ
625	FINAL ASSEMBLY	10-8-08	RTZ
640	FUNCTION TEST AND	10-9-08	TL
650	TARGET	10-9-08	TL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-9-08	FSW
	A) HEADSPACE	10-22-08	LJ
		10-22-08	LJ
	B) TRIGGER PULL	2.66 2.56 2.55 2.62 2.55	10-13-08 TL
	C) SAFETY ON FORCE	5.5 5.5 6.0	10-22-08 LJ
	D) SAFETY OFF FORCE	5.0 5.0 5.0	10-22-08 LJ
	E) FIRING PIN INDENT	.022 .022 .022	10-22-08 LJ
690	PACK		10/3/08 Fm

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/15/08

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



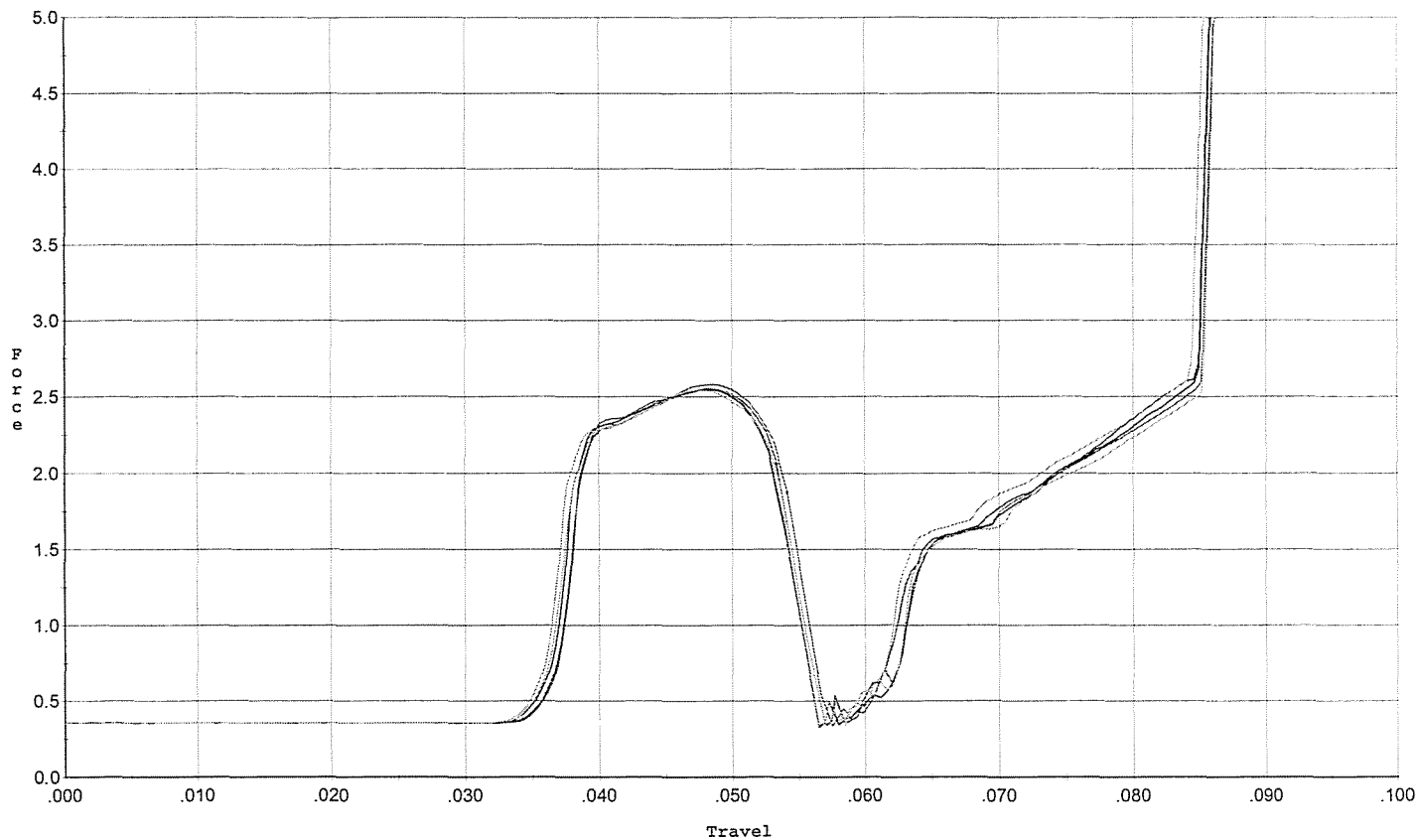
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.607	0.053	0.036	0.038	0.052		Set Trigger
2	2.683	0.054	0.035	0.037	0.055		Set Trigger
3	2.645	0.053	0.035	0.037	0.053		Set Trigger
4	2.639	0.053	0.035	0.037	0.053		Set Trigger
5	2.734	0.055	0.035	0.037	0.056		Set Trigger

AVG 2.66

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/15/08

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



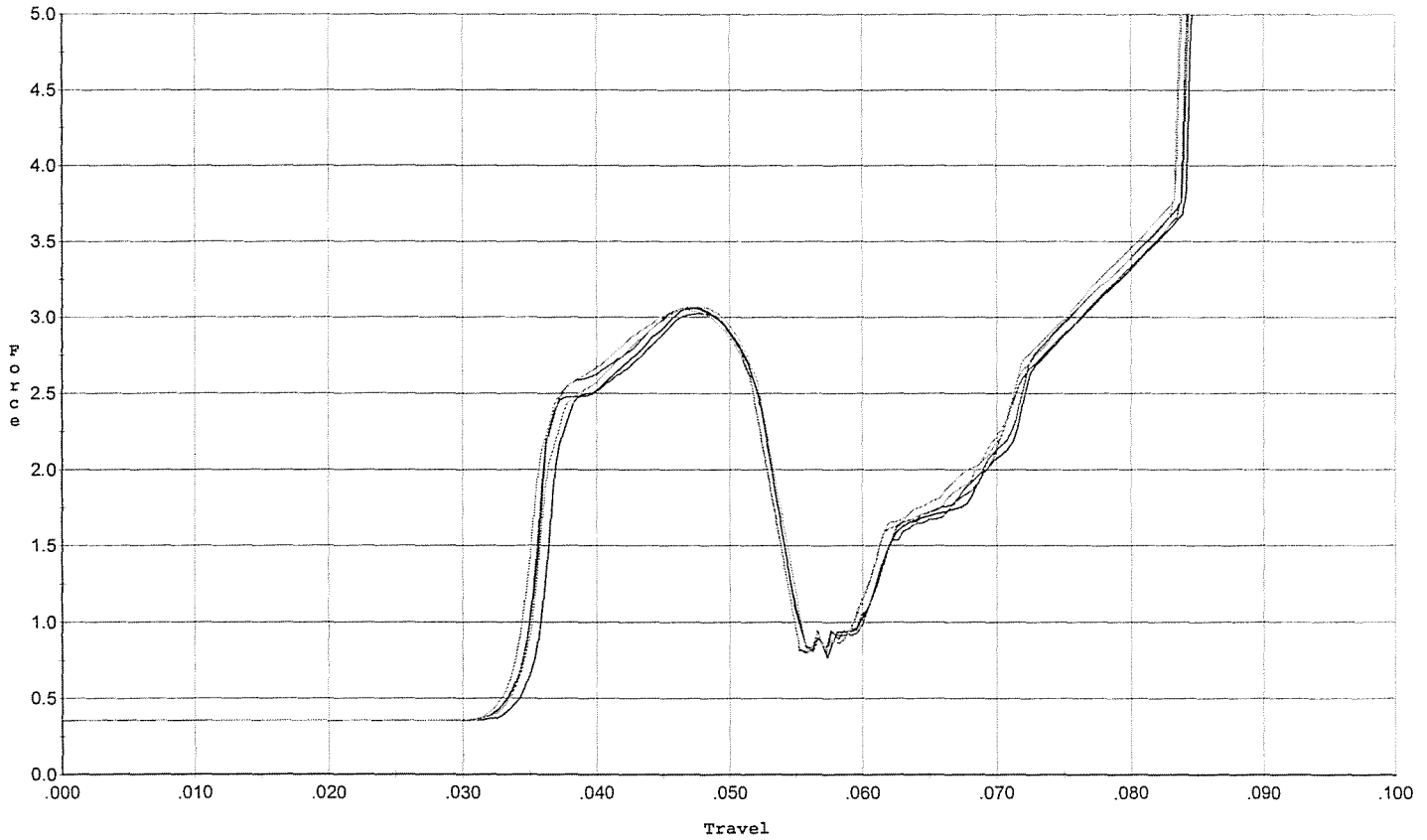
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.552	0.053	0.036	0.037	0.052		Set Trigger
2	2.548	0.054	0.036	0.037	0.053		Set Trigger
3	2.582	0.054	0.036	0.037	0.054		Set Trigger
4	2.545	0.054	0.035	0.037	0.053		Set Trigger
5	2.561	0.054	0.035	0.037	0.054		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/15/08

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



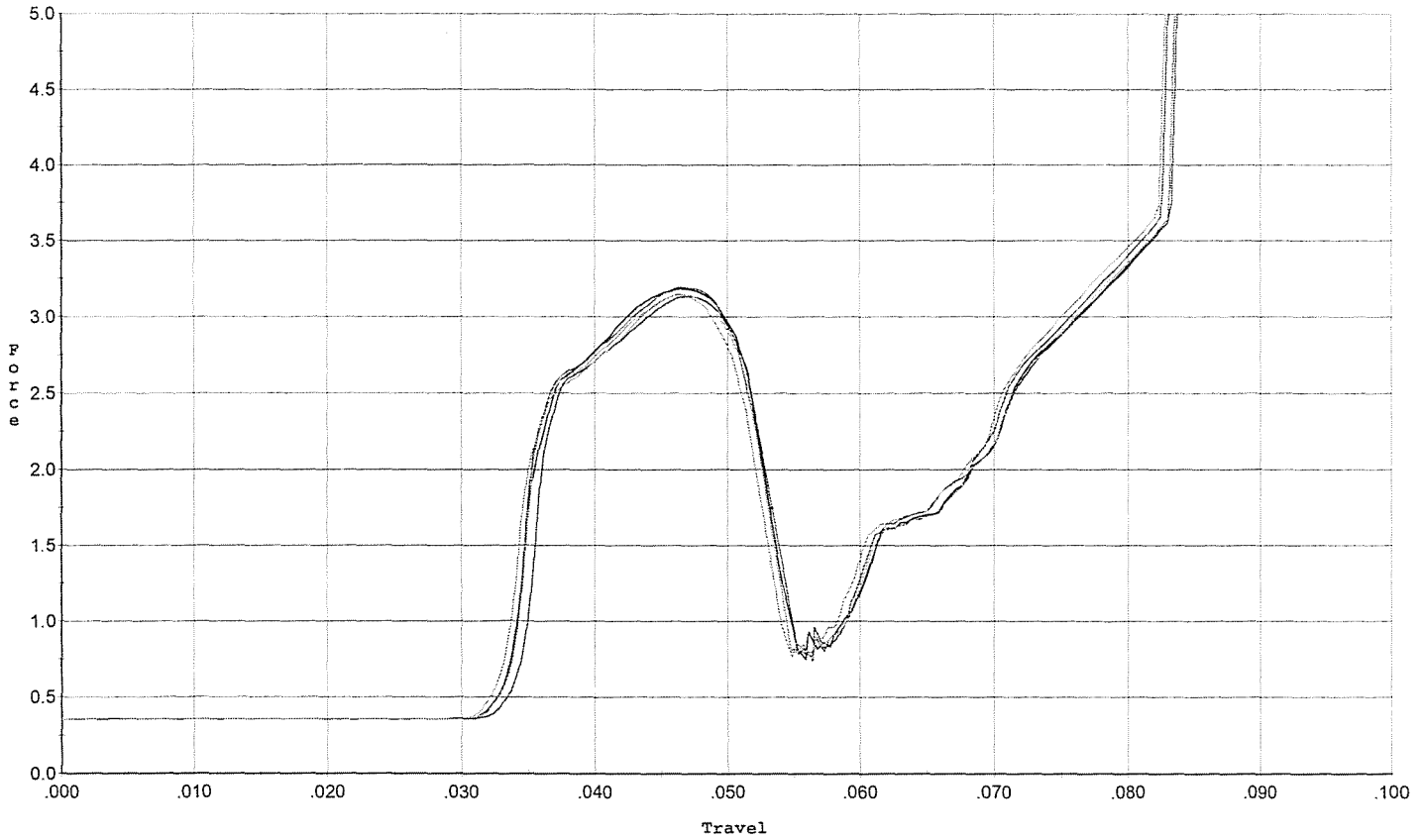
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.026	0.052	0.034	0.036	0.060		Set Trigger
2	3.058	0.052	0.035	0.036	0.058		Set Trigger
3	3.061	0.052	0.034	0.036	0.059		Set Trigger
4	3.069	0.054	0.034	0.035	0.062		Set Trigger
5	3.052	0.052	0.034	0.035	0.060		Set Trigger

Avg 3.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/15/08

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



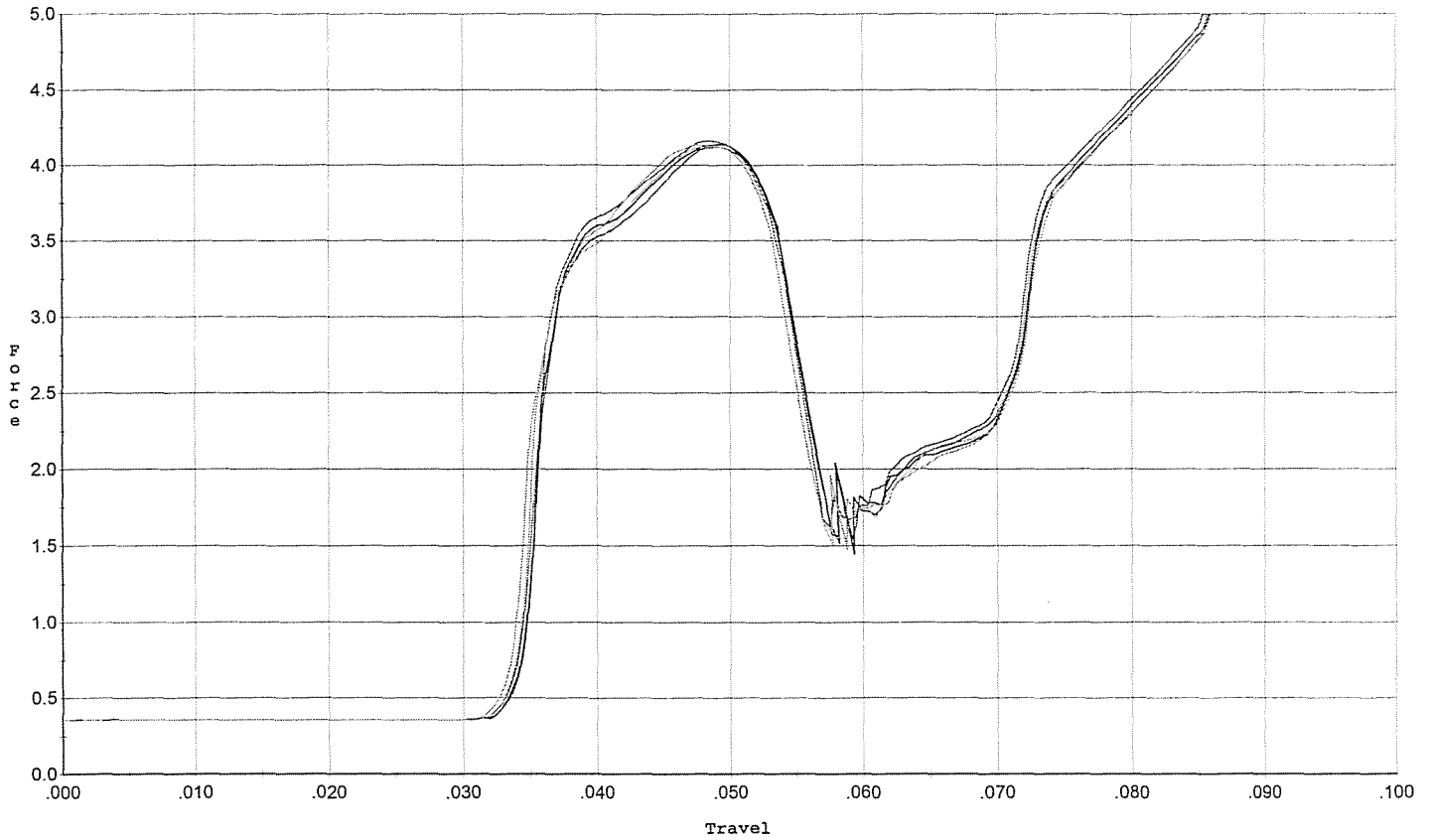
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.133	0.053	0.034	0.035	0.062		Set Trigger
2	3.184	0.052	0.033	0.035	0.062		Set Trigger
3	3.193	0.052	0.033	0.035	0.063		Set Trigger
4	3.148	0.052	0.033	0.035	0.062		Set Trigger
5	3.144	0.051	0.032	0.035	0.061		Set Trigger

Avg 3.16

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/15/08

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



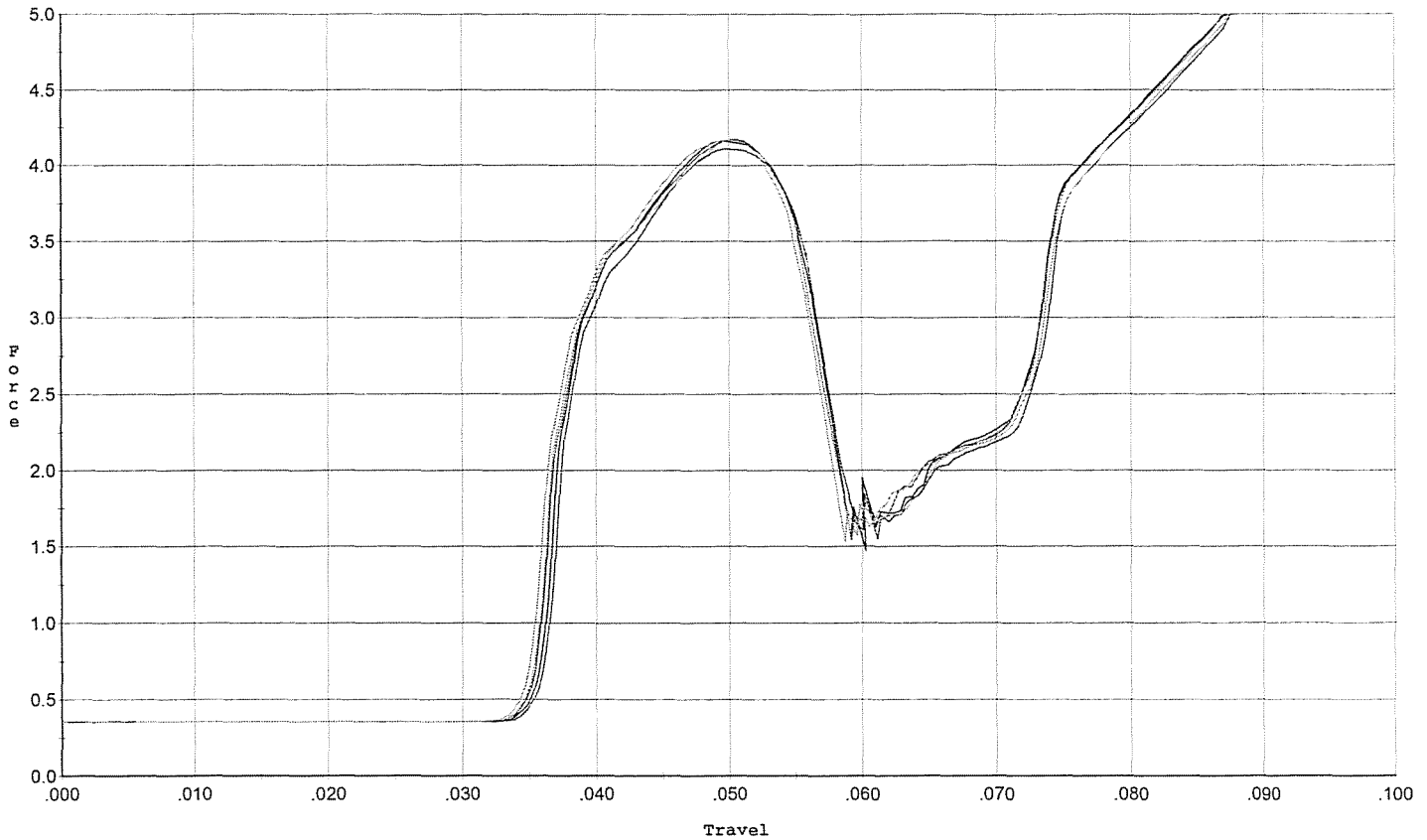
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.123	0.054	0.034	0.035	0.083		Set Trigger
2	4.140	0.054	0.034	0.035	0.083		Set Trigger
3	4.159	0.054	0.033	0.035	0.085		Set Trigger
4	4.126	0.053	0.033	0.035	0.082		Set Trigger
5	4.136	0.053	0.033	0.035	0.084		Set Trigger

Avg 4.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/15/08

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	4.108	0.056	0.035	0.036	0.084		Set Trigger
2	4.161	0.056	0.035	0.035	0.086		Set Trigger
3	4.169	0.055	0.035	0.035	0.084		Set Trigger
4	4.174	0.055	0.035	0.035	0.084		Set Trigger
5	4.164	0.056	0.035	0.035	0.086		Set Trigger

Avg 4.15

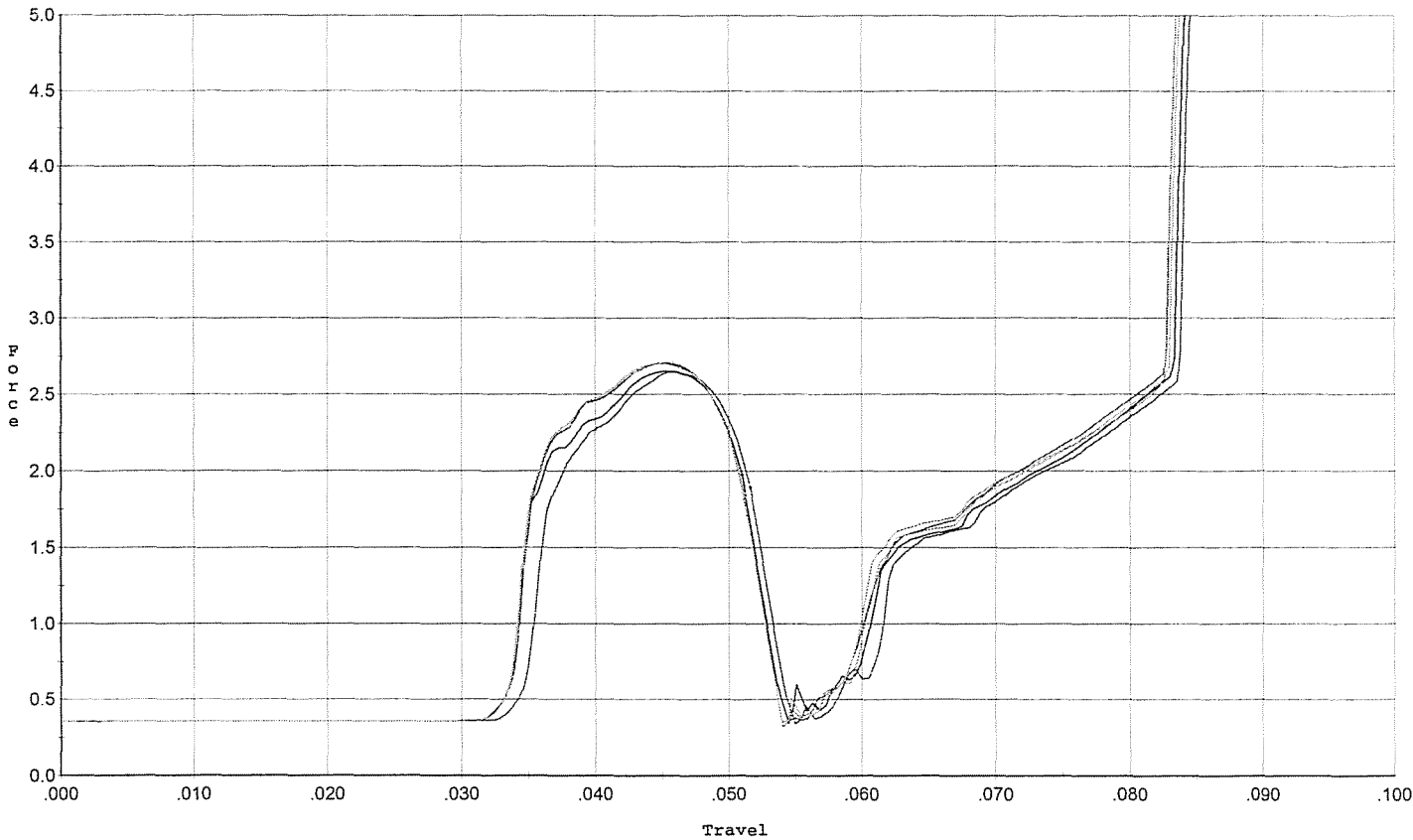
Trigger Profile [lbs,inch]

Profile
GunType:
Make:
Note:

SWS
Rifle
Remington
R. Putch 9/15/08

Model:
Serial No:
Trigger:

M/24
Form #F005
reset to 2.5 lbs. +/- .50 lbs. for final test



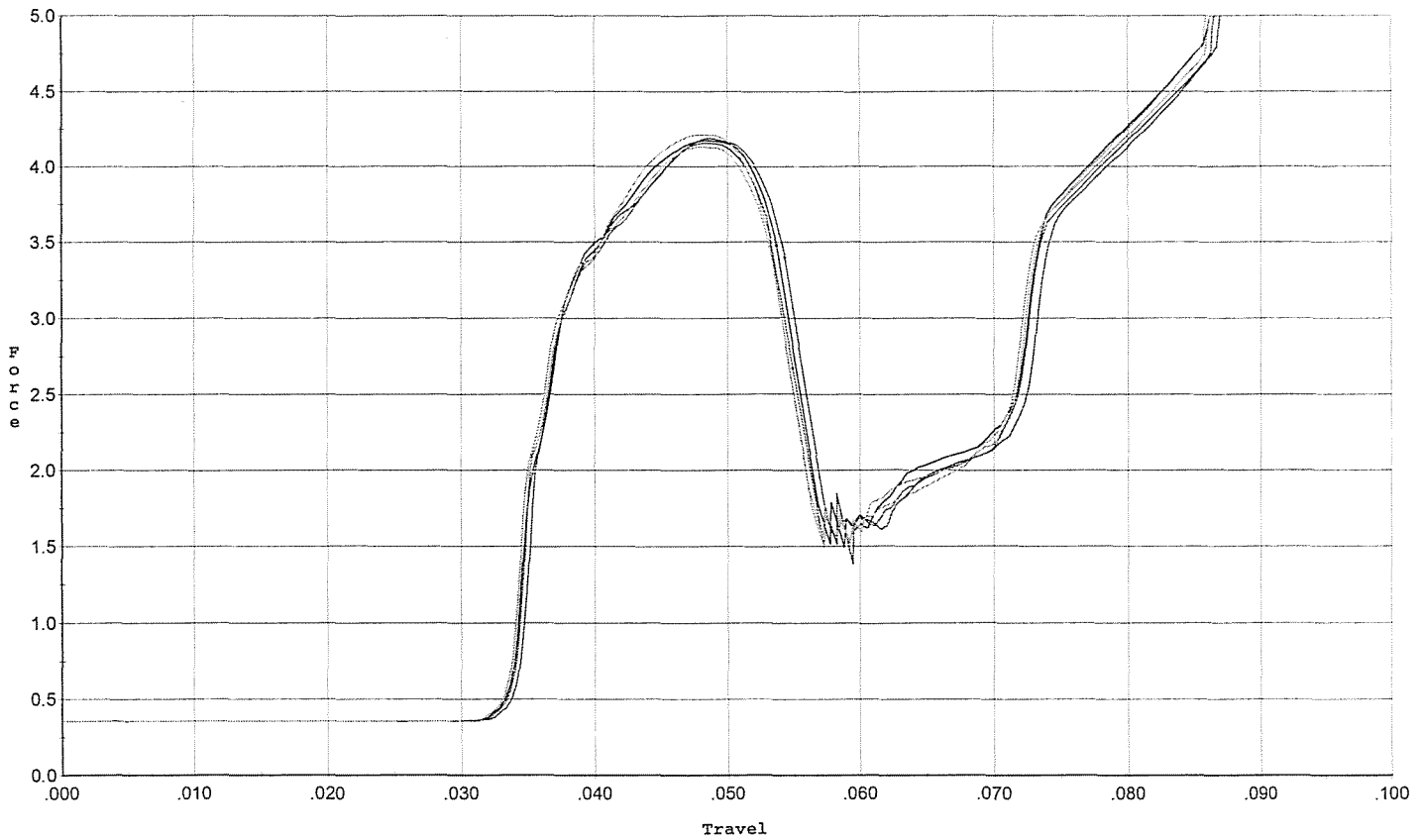
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.647	0.052	0.035	0.037	0.051		Set Trigger
2	2.651	0.051	0.034	0.037	0.052		Set Trigger
3	2.706	0.051	0.034	0.036	0.053		Set Trigger
4	2.704	0.051	0.034	0.036	0.053		Set Trigger
5	2.712	0.051	0.034	0.036	0.054		Set Trigger

Avg 2.68

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/15/08

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
4.188	0.054	0.034	0.035	0.085		Set Trigger
171	0.054	0.034	0.035	0.084		Set Trigger
3	0.055	0.034	0.035	0.084		Set Trigger
	0.053	0.033	0.035	0.082		Set Trigger
	0.053	0.033	0.035	0.083		Set Trigger

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498828.___0
FILE DATE AND TIME: 10/09/2008 15:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.072
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.095
The Distance from Centroid Target #4 to Centroid Target #1:	0.314
The Distance from Centroid Target #5 to Centroid Target #1:	0.090

SERIAL NUMBER: C6498828. __0

TARGET NUMBER: 1

FILE DATE: 10/09/2008

FILE TIME: 15:46

X CENTROID: -0.029

Y CENTROID: -0.066

POA TO CENTROID: 0.072

HORZ SPREAD: 1.398

VERT SPREAD: 2.242

GROUP SPREAD: 2.422

MIN RADIUS: 0.361

MAX RADIUS: 1.320

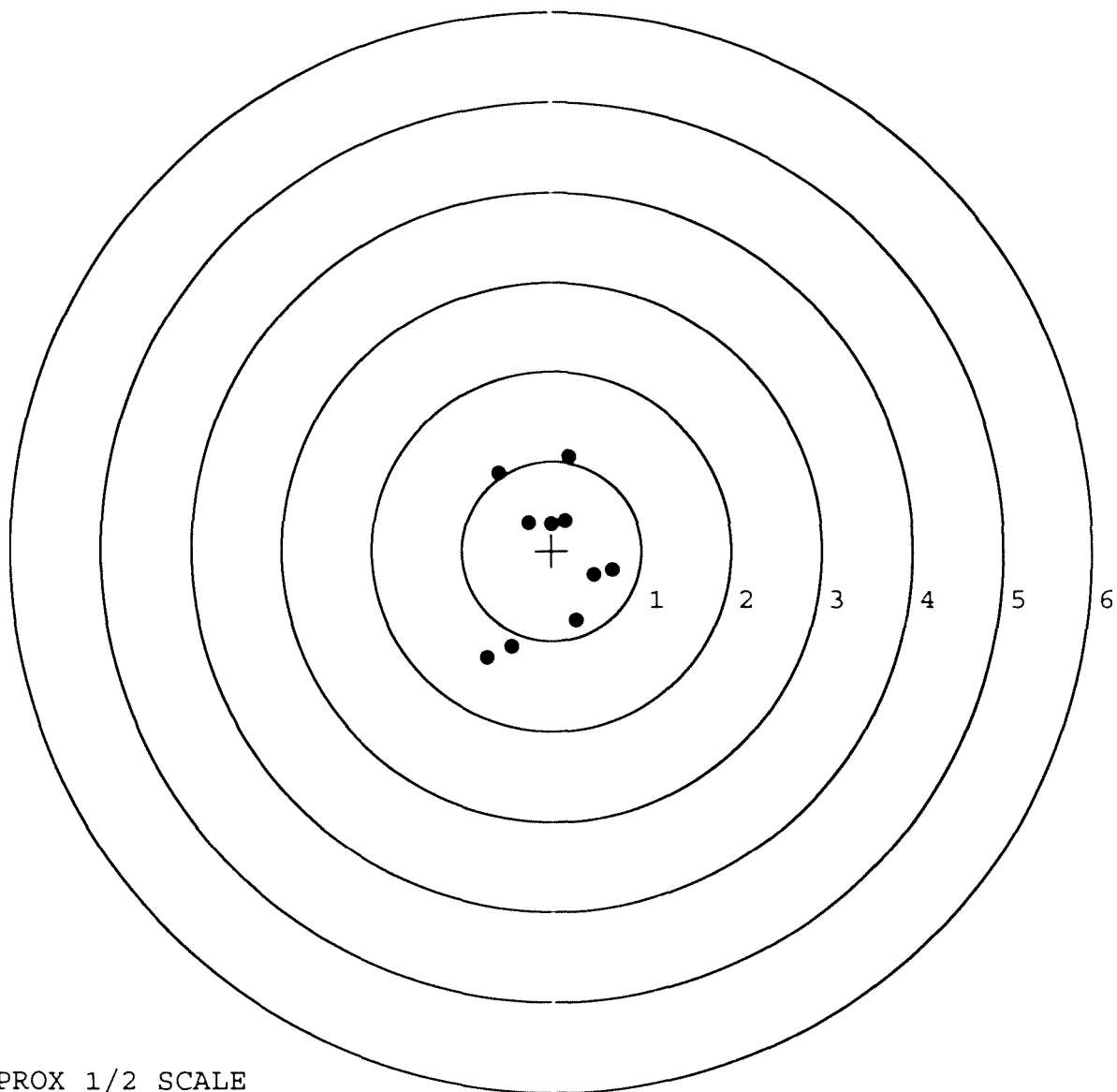
MEAN RADIUS: 0.790

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.195	1.053
2:	-0.593	0.872
3:	-0.722	-1.189
4:	-0.453	-1.067
5:	0.267	-0.775
6:	0.676	-0.214
7:	0.469	-0.271
8:	0.147	0.327
9:	-0.013	0.295
10:	-0.258	0.313

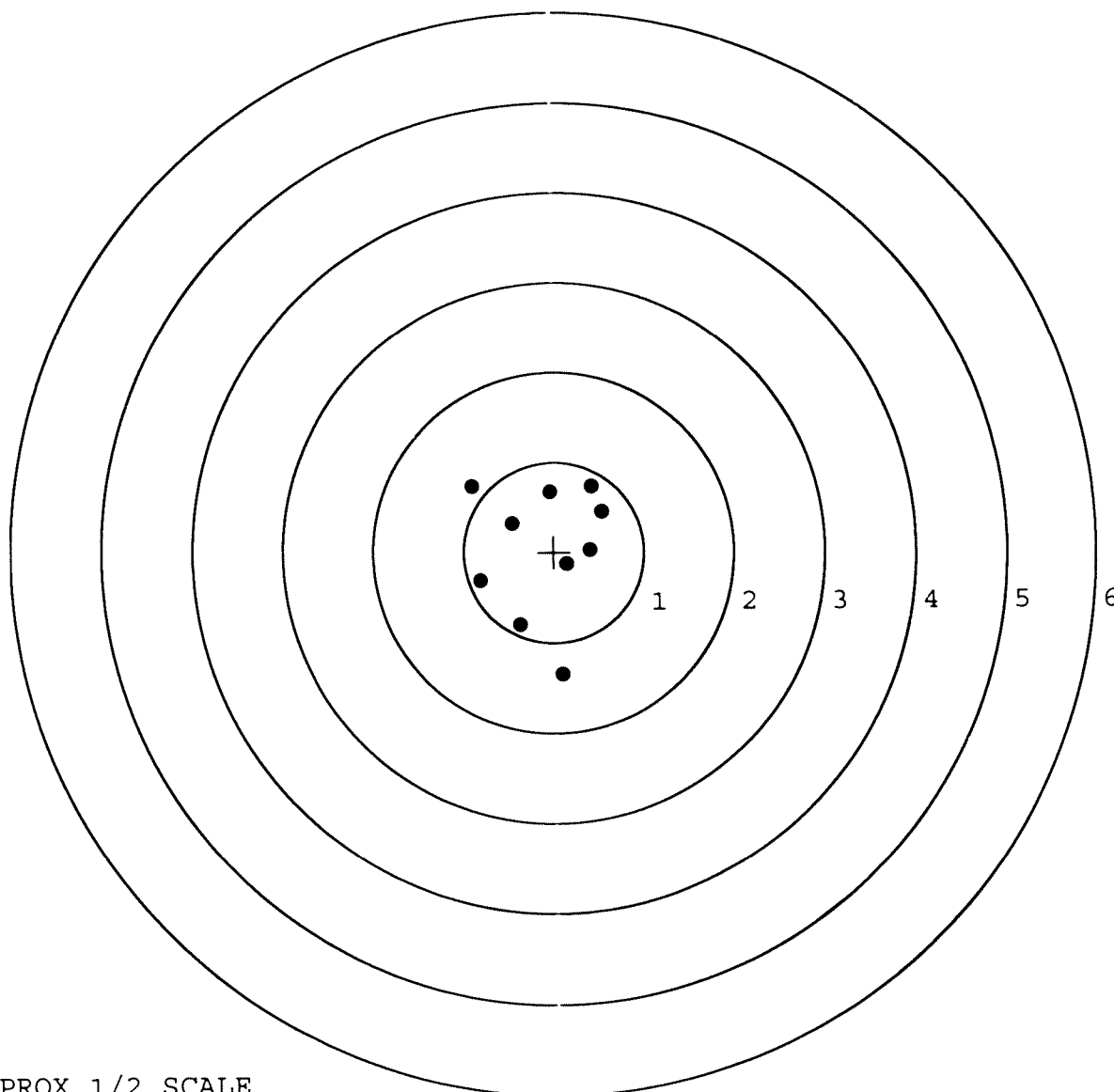


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498828. __0
TARGET NUMBER: 2
FILE DATE: 10/09/2008
FILE TIME: 15:46

X CENTROID: -0.101
Y CENTROID: 0.032
POA TO CENTROID: 0.106
HORZ SPREAD: 1.443
VERT SPREAD: 2.094
GROUP SPREAD: 2.320
MIN RADIUS: 0.299
MAX RADIUS: 1.404
MEAN RADIUS: 0.770
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.093	-1.358
2:	-0.386	-0.802
3:	-0.815	-0.319
4:	-0.905	0.736
5:	0.538	0.451
6:	0.422	0.732
7:	-0.041	0.672
8:	-0.465	0.325
9:	0.403	0.023
10:	0.145	-0.137

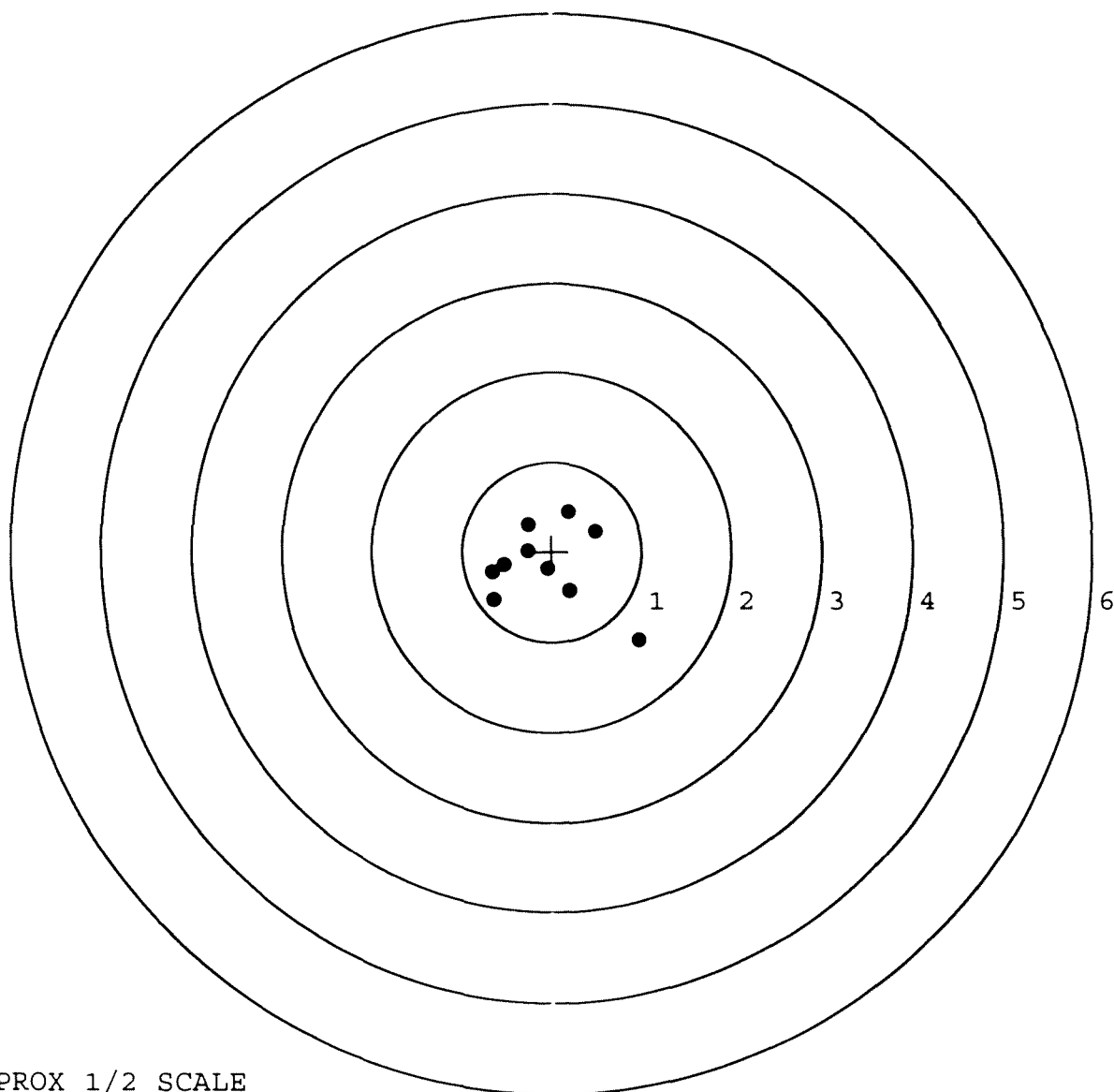


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498828. 0
TARGET NUMBER: 3
FILE DATE: 10/09/2008
FILE TIME: 15:46

X CENTROID: -0.061
Y CENTROID: -0.155
POA TO CENTROID: 0.166
HORZ SPREAD: 1.630
VERT SPREAD: 1.436
GROUP SPREAD: 1.796
MIN RADIUS: 0.046
MAX RADIUS: 1.321
MEAN RADIUS: 0.563
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.967	-0.984
2:	0.180	0.452
3:	0.491	0.231
4:	-0.272	0.300
5:	0.196	-0.436
6:	-0.050	-0.199
7:	-0.272	0.008
8:	-0.648	-0.540
9:	-0.663	-0.229
10:	-0.539	-0.151

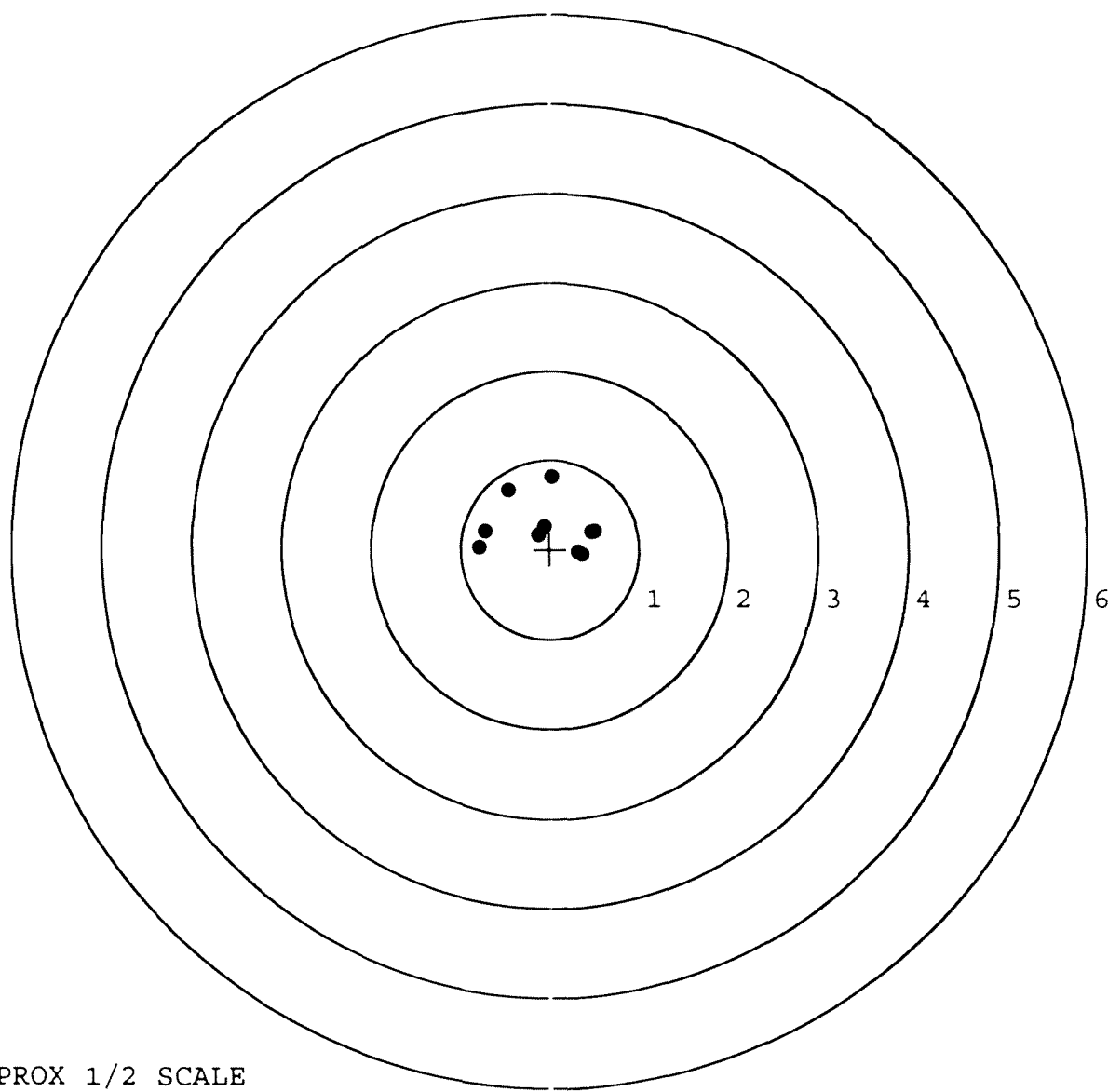


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498828. __0
TARGET NUMBER: 4
FILE DATE: 10/09/2008
FILE TIME: 15:46

X CENTROID: -0.050
Y CENTROID: 0.247
POA TO CENTROID: 0.252
HORZ SPREAD: 1.294
VERT SPREAD: 0.865
GROUP SPREAD: 1.307
MIN RADIUS: 0.020
MAX RADIUS: 0.769
MEAN RADIUS: 0.479
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.320	-0.027
2:	0.470	0.201
3:	0.022	0.810
4:	-0.473	0.665
5:	-0.788	0.032
6:	-0.721	0.213
7:	-0.132	0.161
8:	-0.066	0.259
9:	0.363	-0.055
10:	0.506	0.213

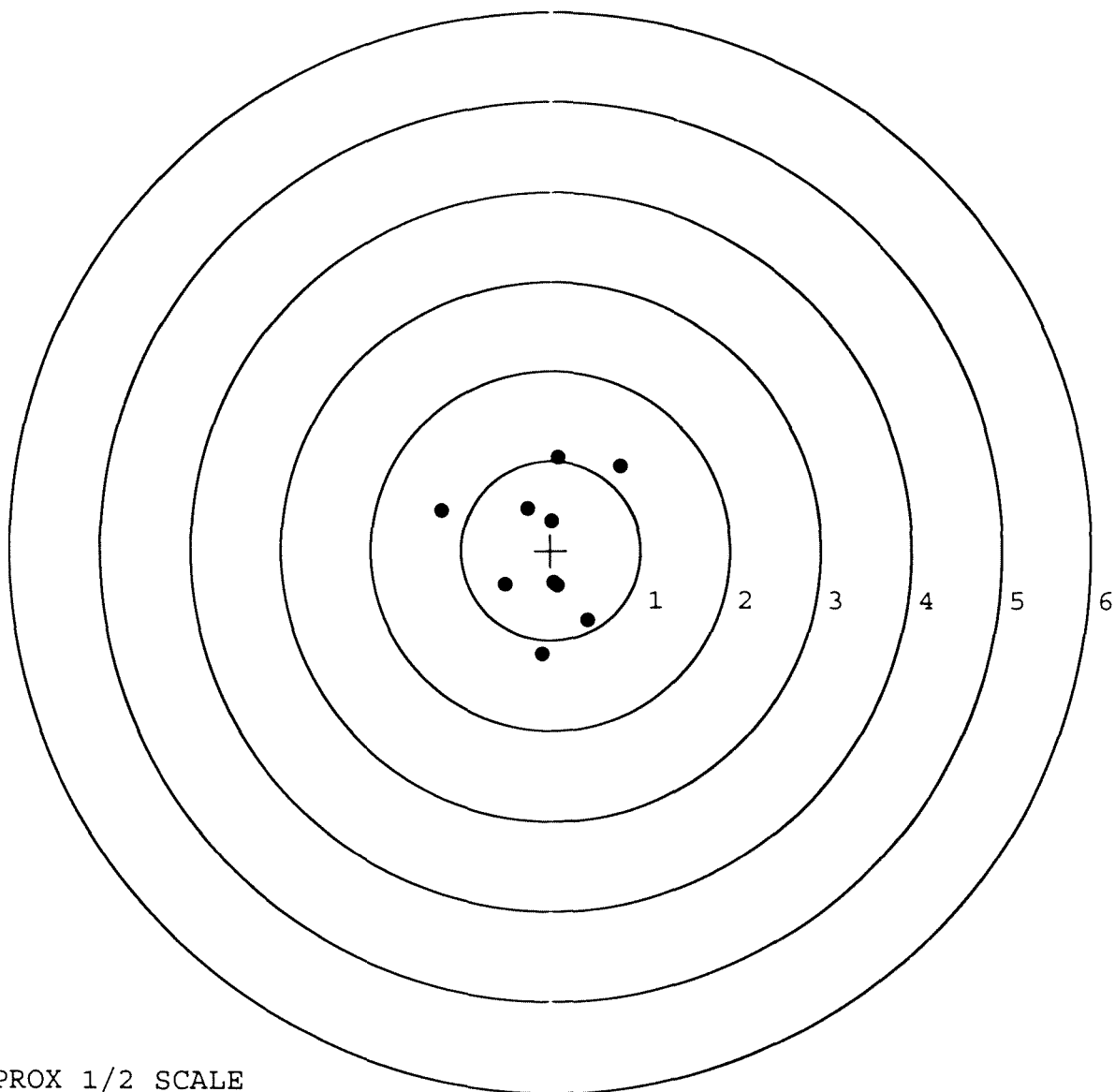


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498828. 0
TARGET NUMBER: 5
FILE DATE: 10/09/2008
FILE TIME: 15:46

X CENTROID: -0.069
Y CENTROID: 0.014
POA TO CENTROID: 0.071
HORZ SPREAD: 1.991
VERT SPREAD: 2.203
GROUP SPREAD: 2.281
MIN RADIUS: 0.328
MAX RADIUS: 1.255
MEAN RADIUS: 0.787
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.777	0.941
2:	-1.214	0.446
3:	0.083	1.037
4:	-0.266	0.472
5:	0.010	0.333
6:	-0.097	-1.166
7:	0.413	-0.777
8:	-0.512	-0.381
9:	0.036	-0.365
10:	0.079	-0.396



TARGET APPROX 1/2 SCALE

R 99-09178

FROM:	SHIP TO:
US ARMY	US ARMY
ATTN: JAMES C STARNES JR	ATTN: JAMES C STARNES JR
GSC 5TH SFG (A)	GSC 5TH SFG (A)
FORT CAMPBELL	FORT CAMPBELL
KY 42223	KY 42223

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

[illegible]

OFFICE COPY

BD6925 REV. 7/81

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M240000849

Receipt Of Firearm(s) Delivered to the Plant for Repair
Firearm Checked For Live Ammunition ☒

File #

00374

Delivery Date 4/17/99

Customer Name (Print) US ARMY JAMES C. STOKES JR.
Address 656 5TH SFG State FL Zip 32223
Phone Number (502)-798-2882/7132

Firearm Description Model 700 (M24) Cal./ Ga. 762

Serial Number 66498828

Stock/ Fore-end Condition circle the description

(Excellent; Good; Fair; Poor; Fancy; Plain; Synthetic; Wood)

Comments on Stock/ Fore-end condition _____

Metal Condition circle the description

(Excellent; Good; Fair; Poor; Fancy; Plain; Stainless Steel)

Comments on Metal condition _____

Barrel Type (VT. Rib; Plain; Deer; Stainless Steel) Barrel length _____

List additional accessories IE Scope, Sling, Gun case and description; _____

Customer request: RECONDITIONING

Return Process Return to Clark St. Ent. ☐ Return via UPS ☒

By signing this receipt the person delivering the firearm understands to be the only person to receive the firearm upon completion of repairs.

Signature [Signature] Date 4/17/99
person delivering firearm

Signature [Signature] Date 4/17/99
security officer

Signature [Signature] Date 4/17/99
arms service / CSR

Customer Pick Up Verification

I certify, I am the same person whom delivered the above described firearm to the Remington Ilion plant for repair and may lawfully possess a firearm in New York State

Signature _____ Date ____/____/____
person receiving firearm must be the same whom delivered

Signature _____ Date ____/____/____
security officer or other witness returning the firearm

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6498828
21 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .260852

THE AMR FOR THIS RIFLE IS: 1.02

CENTROIDAL DISTANCES

0	TO	1	.109078
1	TO	2	.64438
1	TO	3	.284478
1	TO	4	.321442
1	TO	5	.190252

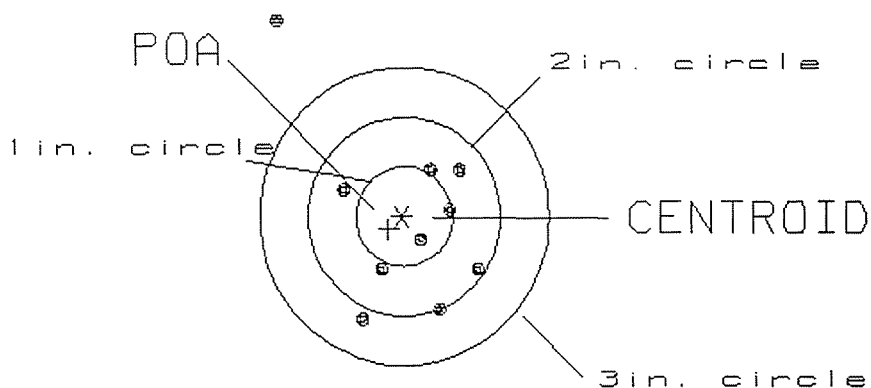
4
5
+1 3 <----POA
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .185
 MIN RADIUS : .245
 MEAN RADIUS : .855
 MAX RADIUS : 2.358
 CENTROID X : .133
 CENTROID Y : .129

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498828.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.03
 VS= 2.98
 GS= 3.36

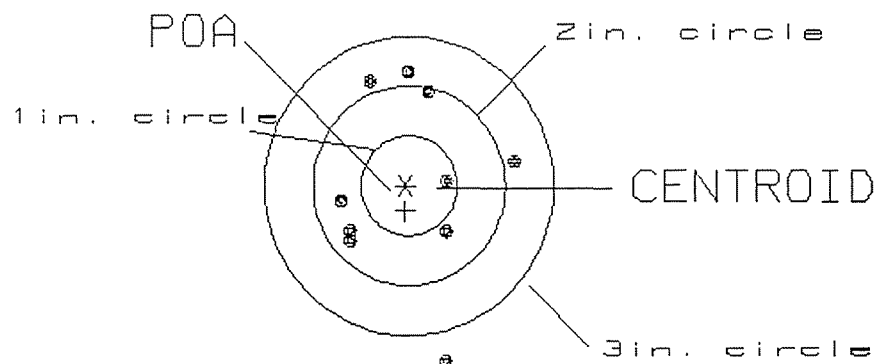
2
 7
 9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .253
 MIN RADIUS : .413
 MEAN RADIUS : .952
 MAX RADIUS : 1.807
 CENTROID X : .008
 CENTROID Y : .253

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6490020.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.82
 VS= 2.87
 GS= 2.97

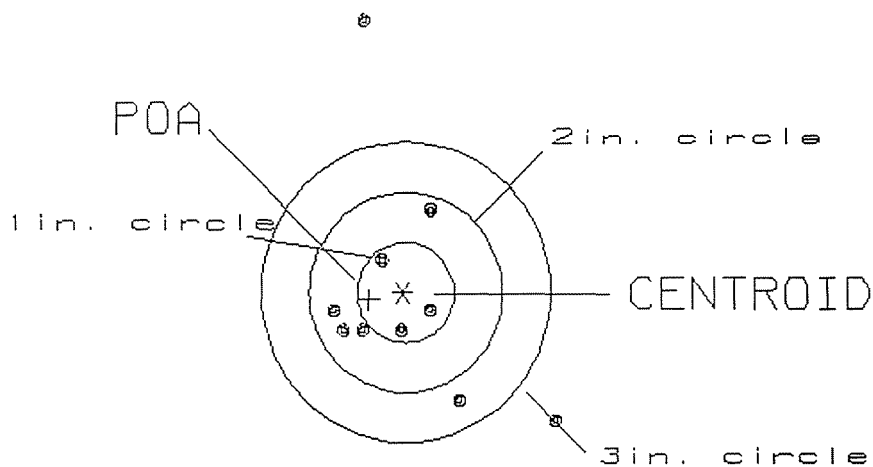
1
 6
 9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .353
 MIN RADIUS : .286
 MEAN RADIUS : 1.001
 MAX RADIUS : 2.716
 CENTROID X : .345
 CENTROID Y : .075

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498828.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.32
 VS= 3.94
 GS= 4.42

3
 7
 8

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .749

MIN RADIUS : .351

MEAN RADIUS : 1.411

MAX RADIUS : 2.525

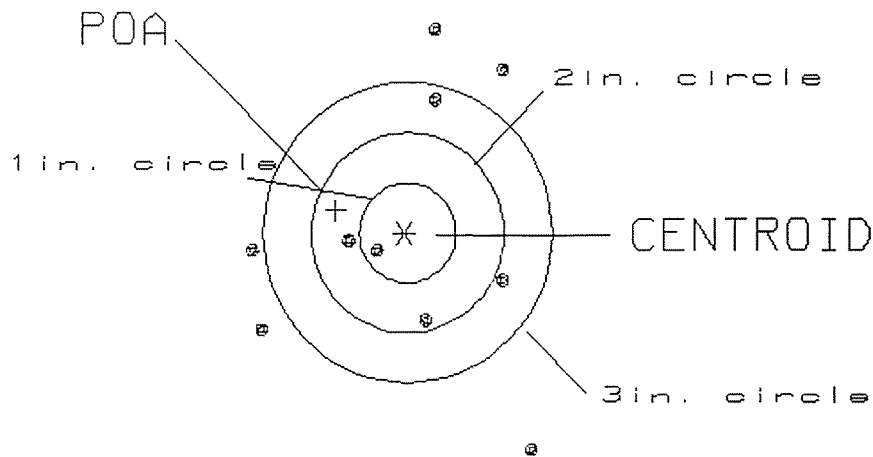
CENTROID X : .714

CENTROID Y : -.229

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498828.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.89

1

VS= 4.14

3

GS= 4.27

5

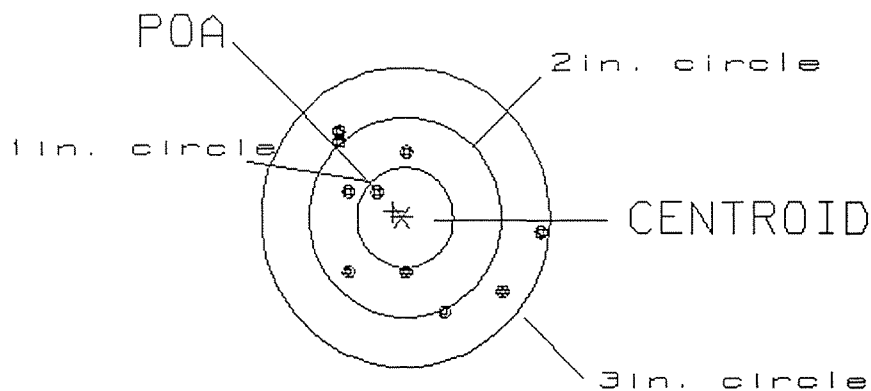
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .109
 MIN RADIUS : .434
 MEAN RADIUS : .883
 MAX RADIUS : 1.451
 CENTROID X : .093
 CENTROID Y : -.057

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498828.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

H3= 2.17
 VS= 1.80
 GS= 2.40

1
 7
 10

Remington®



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

MODEL 700™ H24

SERIAL NO.

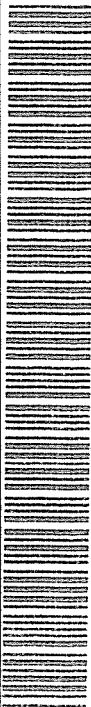
C6498828

ORDER NO.

5716

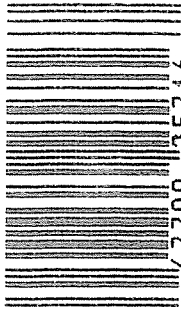
01

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



5716 C6498828

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498828

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12 90		RW
600	Proof	7 12 90		RW
607	Check Headspace	7 12 90		RW
610	Dis-assemble Gun	7 12 90		RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	YG
617	Drill and Tap Sight Holes		7/23/90	LB
618	Polish Barrel RB		7/24/90	WB
620	Apply Coatings (Barrel Action)		7-16-90	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-13-90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/14/90	91
	G) Safety Off Force	3	3	3			8/14/90	91
	H) Trigger Pull Test & Retainability						8-13-90	91
	I) Firing Pin Indent	.022	.021	.0215			8/14/90	91
	J) Assemble Stock						8/14/90	RW
	K) Assemble Swivel Studs						9/14/90	918
	L) Attach Front and Rear Sight Assemblies						8/14/90	RW
	M) Iron Sight Alignment						8/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/14/90	RW
	O) Attach Scope to Rifle						8/14/90	RW
	P) Detach & Attach Scope 20 Times						8/14/90	RW
640	Gallery Target & Test						8/15/90	NF
	A) Time						8/15/90	NF
	B) Malfunctions						8/15/90	NF
	C) Pierced Primers						8/15/90	NF
	D) Optical Clarity of Scope						8/15/90	NF
645	Inspect for Live Ammo						8/15/90	NF
655	Final Inspection							
	A) Headspace						9/14/90	918
	B) Trigger Pull	2.49	2.32	2.34	2.21	2.24	9-13-90	91
	C) Function						9/14/90	918
660	Pack						9-18-90	91

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6498828

DATE 9-13-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.34	2.24	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.33	2.24	2.32	
PULL #3	2.26	2.48	2.23	2.34	
PULL #4	2.43	2.45	2.34	2.21	
PULL #5	2.41	2.29	2.21	2.24	
TOTAL	12.13	11.89	11.26	11.60	
AVG.	2.426	2.378	2.252	2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.13		
PULL #2	3.51	3.22		
PULL #3	3.20	3.50		
PULL #4	3.14	3.15		
PULL #5	3.13	3.20		
TOTAL	16.21	16.20		
AVG.	3.242	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.20		4.29
PULL #2	4.32	4.22		4.34
PULL #3	4.26	4.45		4.28
PULL #4	4.19	4.43		4.27
PULL #5	4.34	4.51		4.41
TOTAL	21.38	21.81		21.59
AVG.	4.276	4.362		4.318

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498828
16 Aug 1990

CENTROIDAL DISTANCES

0	TO	1	.439659
1	TO	2	.328381
1	TO	3	.6228
1	TO	4	.106888
1	TO	5	.435984

$\begin{matrix} +42 \\ 3 \end{matrix}$ <----POA
 $\begin{matrix} 12 \\ 5 \end{matrix}$

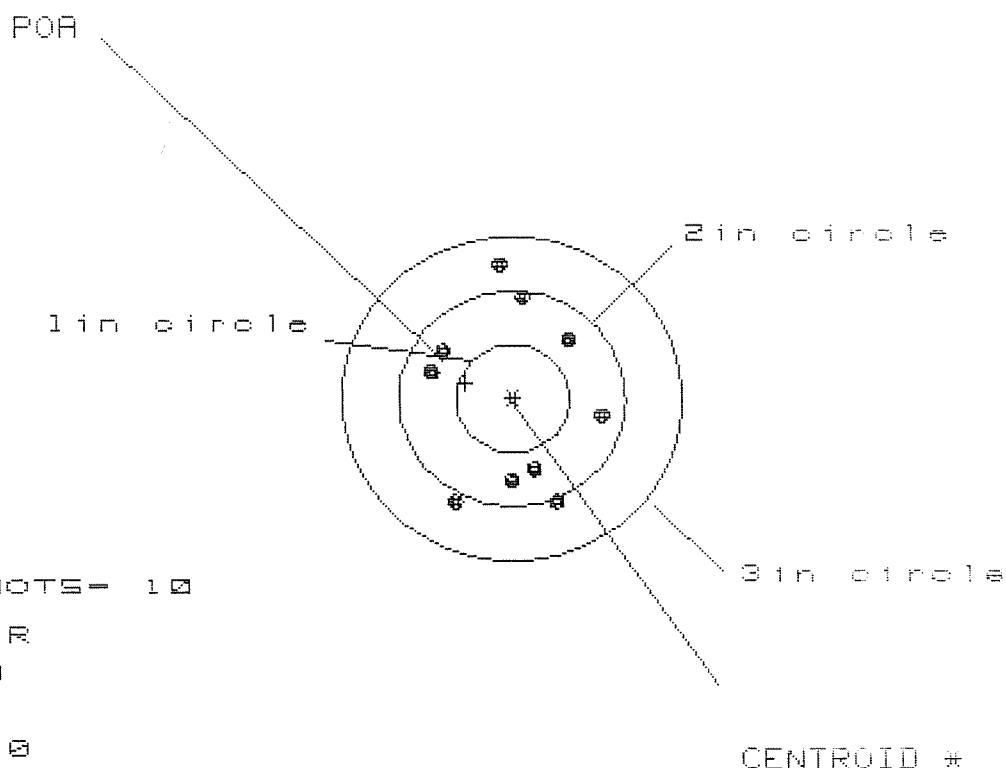
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .395227
THE AMR FOR THIS RIFLE IS: .8888

15 Aug 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG43B828

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 1.499

VS= 2.113

GS= 2.191

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.772	.756	.694
MINIMUM X	-.727	-.743	-.885
MAXIMUM Y	1.202	1.067	.971
MINIMUM Y	-.911	-.778	-.874
CENTROID X	.414	.430	.492
CENTROID Y	-.148	-.281	-.185
POA TO CENTROID in.	.440	.514	.525
MIN RADIUS	.708	.596	.672
MEAN RADIUS	.873	.820	.805
MAX RADIUS	1.210	1.071	.971
HORIZONTAL SPREAD	1.499	1.499	1.499
VERTICAL SPREAD	2.113	1.845	1.845
EXTREME SPREAD	2.191	1.930	1.873
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

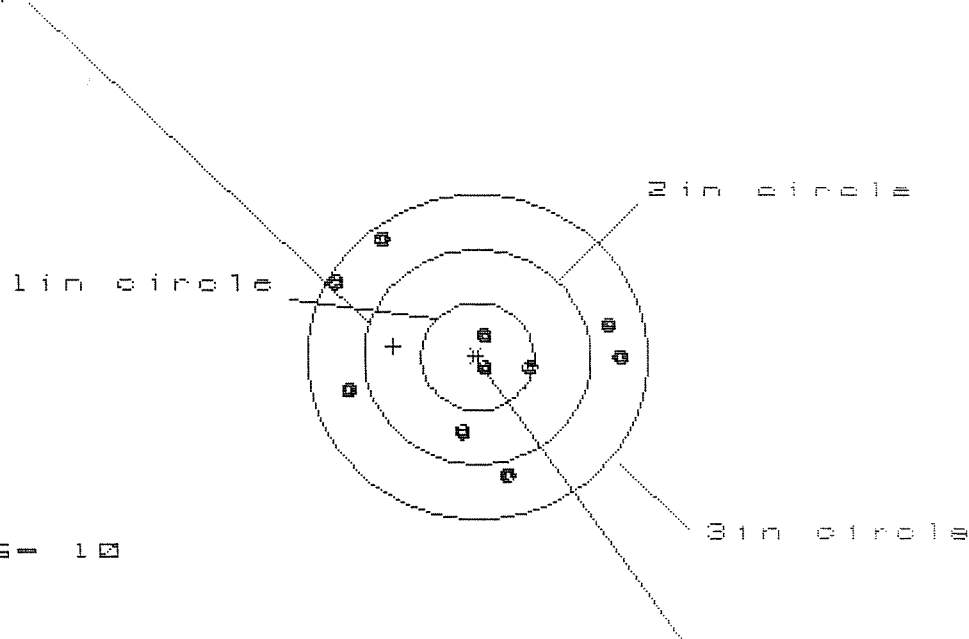
15 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG436828

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 10

HS= 2.480

VS= 2.172

GS= 2.565

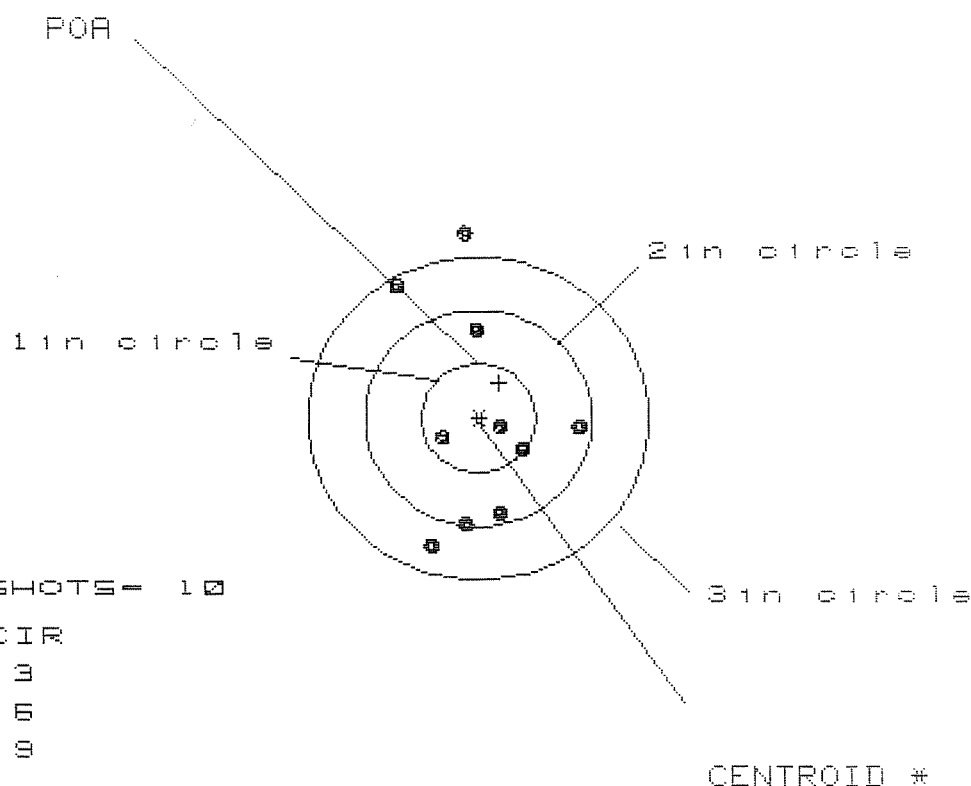
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.277	1.143	1.020
MINIMUM X	:	-1.203	-1.276	-1.399
MAXIMUM Y	:	1.078	1.154	.488
MINIMUM Y	:	-1.094	-1.018	-.874
CENTROID X	:	.739	.873	.996
CENTROID Y	:	-.101	-.177	-.321
POA TO CENTROID in.	:	.746	.891	1.046
MIN RADIUS	:	.084	.082	.202
MEAN RADIUS	:	.904	.828	.739
MAX RADIUS	:	1.384	1.516	1.401
HORIZONTAL SPREAD	:	2.480	2.419	2.419
VERTICAL SPREAD	:	2.172	2.172	1.362
EXTREME SPREAD	:	2.565	2.448	2.441
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498828

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.645

VS= 2.847

GS= 2.871

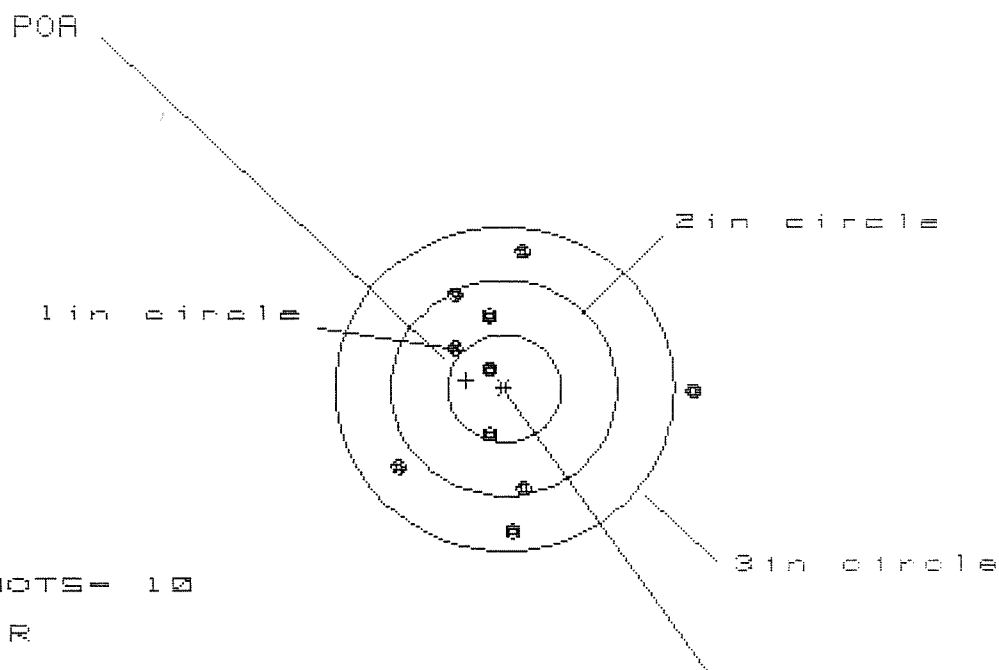
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.931	.923	.833
MINIMUM X	:	-.714	-.722	-.547
MAXIMUM Y	:	1.701	1.371	1.216
MINIMUM Y	:	-1.146	-.956	-.785
CENTROID X	:	-.184	-.176	-.086
CENTROID Y	:	-.322	-.511	-.682
FOR TO CENTROID in.	:	.371	.540	.687
MIN RADIUS	:	.207	.191	.270
MEAN RADIUS	:	.914	.789	.669
MAX RADIUS	:	1.703	1.549	1.219
HORIZONTAL SPREAD	:	1.645	1.645	1.380
VERTICAL SPREAD	:	2.847	2.327	2.001
EXTREME SPREAD	:	2.871	2.342	2.053
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Aug 1990

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.583

VS= 2.645

GS= 2.662

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.689	.397	.368
MINIMUM X	:	-.894	-.706	-.657
MAXIMUM Y	:	1.319	1.314	1.042
MINIMUM Y	:	-1.326	-1.331	-1.167
CENTROID X	:	.335	.147	.098
CENTROID Y	:	-.076	-.071	-.235
POA TO CENTROID in.	:	.344	.164	.255
MIN RADIUS	:	.183	.151	.290
MEAN RADIUS	:	.933	.819	.754
MAX RADIUS	:	1.689	1.373	1.203
HORIZONTAL SPREAD	:	2.583	1.103	1.025
VERTICAL SPREAD	:	2.645	2.645	2.209
EXTREME SPREAD	:	2.662	2.649	2.253
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498028

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 2.096

VS= 2.049

GS= 2.208

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	.641	.518
MINIMUM X	:	-1.006	-.885	-.805
MAXIMUM Y	:	1.112	1.035	.819
MINIMUM Y	:	-.937	-1.014	-.884
CENTROID X	:	.263	.142	.062
CENTROID Y	:	-.557	-.480	-.610
POA TO CENTROID in.	:	.616	.501	.613
MIN RADIUS	:	.340	.441	.481
MEAN RADIUS	:	.820	.762	.693
MAX RADIUS	:	1.291	1.218	.993
HORIZONTAL SPREAD	:	2.096	1.526	1.323
VERTICAL SPREAD	:	2.049	2.049	1.703
EXTREME SPREAD	:	2.208	2.067	1.744
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	