

C6522237

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington

M2400002489

CONFIDENTIAL -SUBJECT TO PROTECTIVE ORDER

Repair Inquiry

Repair Number: **RE00151225** Serial: C6522237 Model M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Repairman: Status: Closed 9/16/2008 2:27:21 PM

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

Serial Number: **C6522237**

Mode: **M24 SWS**

RE00151225

M-24 INSPECTION CHECKLIST
CONTRACT # DAAE-20-02-C-0149

ITEM # 151225
SERIAL # C6522237
DATE 9-16-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-17-08	RTZ
505	RE-BARREL	9-22-08	RTZ
500	ASSEMBLE	9-22-08	RTZ
600	PROOF	9-22-08	L.P.D.
605	CHECK HEADSPACE	9-22-08	L.P.D.
610	DIS-ASSEMBLE GUN	9-22-08	L.P.D.
612	MAGNAFLUX	9/30/08	(28)
610	DRILL AND TAP	9-23-08	SP
615	ROLLMARK CALIBER	9/30/08	RTZ
616	ROTO-BLAST		
620	APPLY COATINGS	10-1	
625	FINAL ASSEMBLY	10-6-08	RTZ
640	FUNCTION TEST AND	10-7-08	TC
650	TARGET	10-7-08	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-7-08	RTZ
	A) HEADSPACE	10-22-08	RTZ
		10-22-08	RTZ
	B) TRIGGER PULL	2.28 2.33 2.38 2.36 2.38	10-13-08 TC
	C) SAFETY ON FORCE	4.0 4.0 4.0	10-22-08 RTZ
	D) SAFETY OFF FORCE	4.0 4.0 5.0	10-22-08 RTZ
	E) FIRING PIN INDENT	-023 -023 -023	10-22-08 RTZ
690	PACK		10/31/08 Fry

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522237.___0

FILE DATE AND TIME: 10/07/2008 15:37

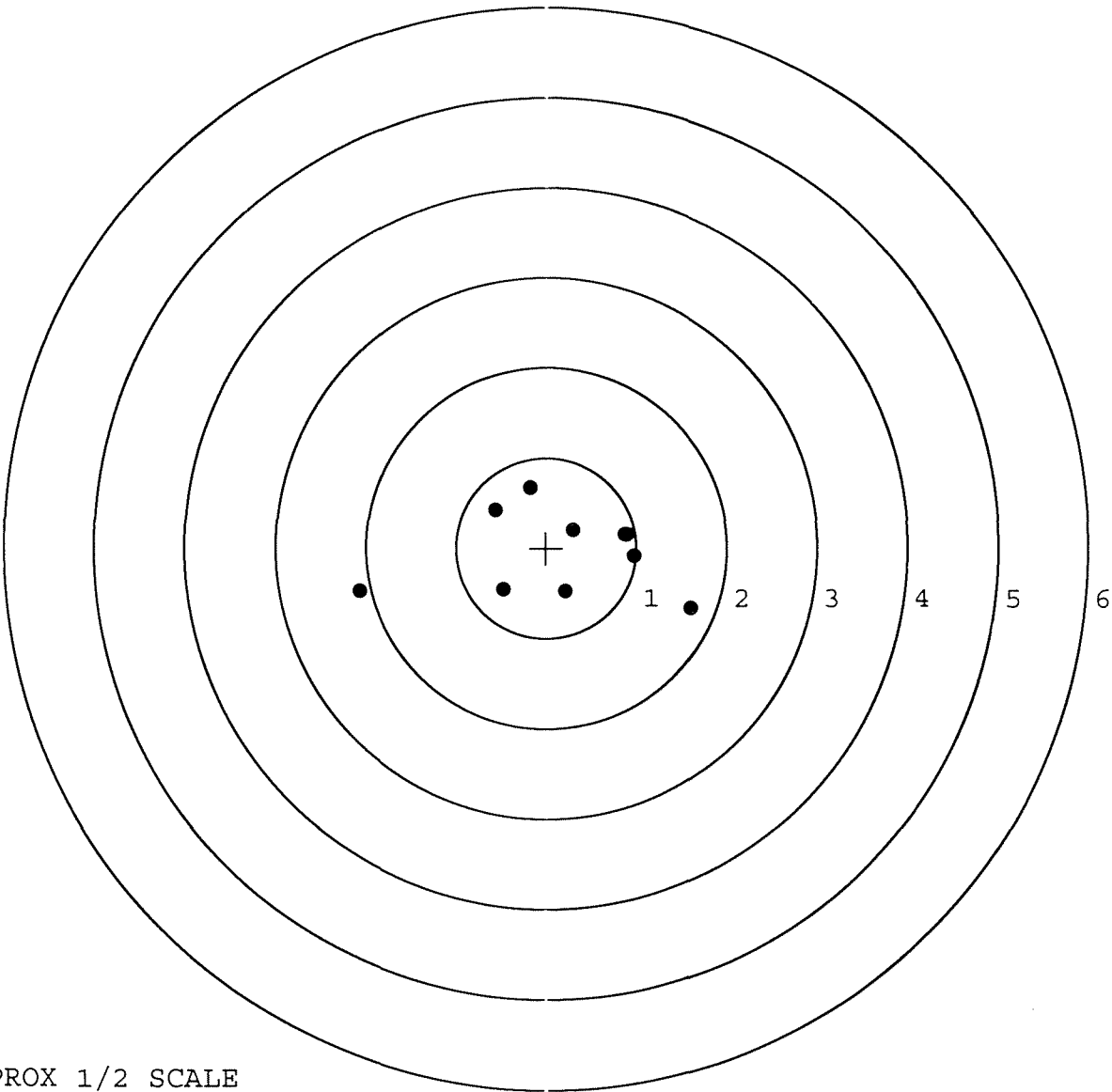
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.027
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.168
The Distance from Centroid Target #2 to Centroid Target #1:	0.194
The Distance from Centroid Target #3 to Centroid Target #1:	0.286
The Distance from Centroid Target #4 to Centroid Target #1:	0.284
The Distance from Centroid Target #5 to Centroid Target #1:	0.078

SERIAL NUMBER: C6522237. 0
TARGET NUMBER: 1
FILE DATE: 10/07/2008
FILE TIME: 15:37

X CENTROID: 0.158
Y CENTROID: -0.058
POA TO CENTROID: 0.168
HORZ SPREAD: 3.672
VERT SPREAD: 1.331
GROUP SPREAD: 3.676
MIN RADIUS: 0.296
MAX RADIUS: 2.270
MEAN RADIUS: 0.933
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.602	-0.664
2:	0.978	-0.090
3:	0.898	0.160
4:	0.302	0.201
5:	0.220	-0.481
6:	-0.476	-0.464
7:	-0.569	0.426
8:	-0.183	0.667
9:	-2.070	-0.492
10:	0.876	0.159



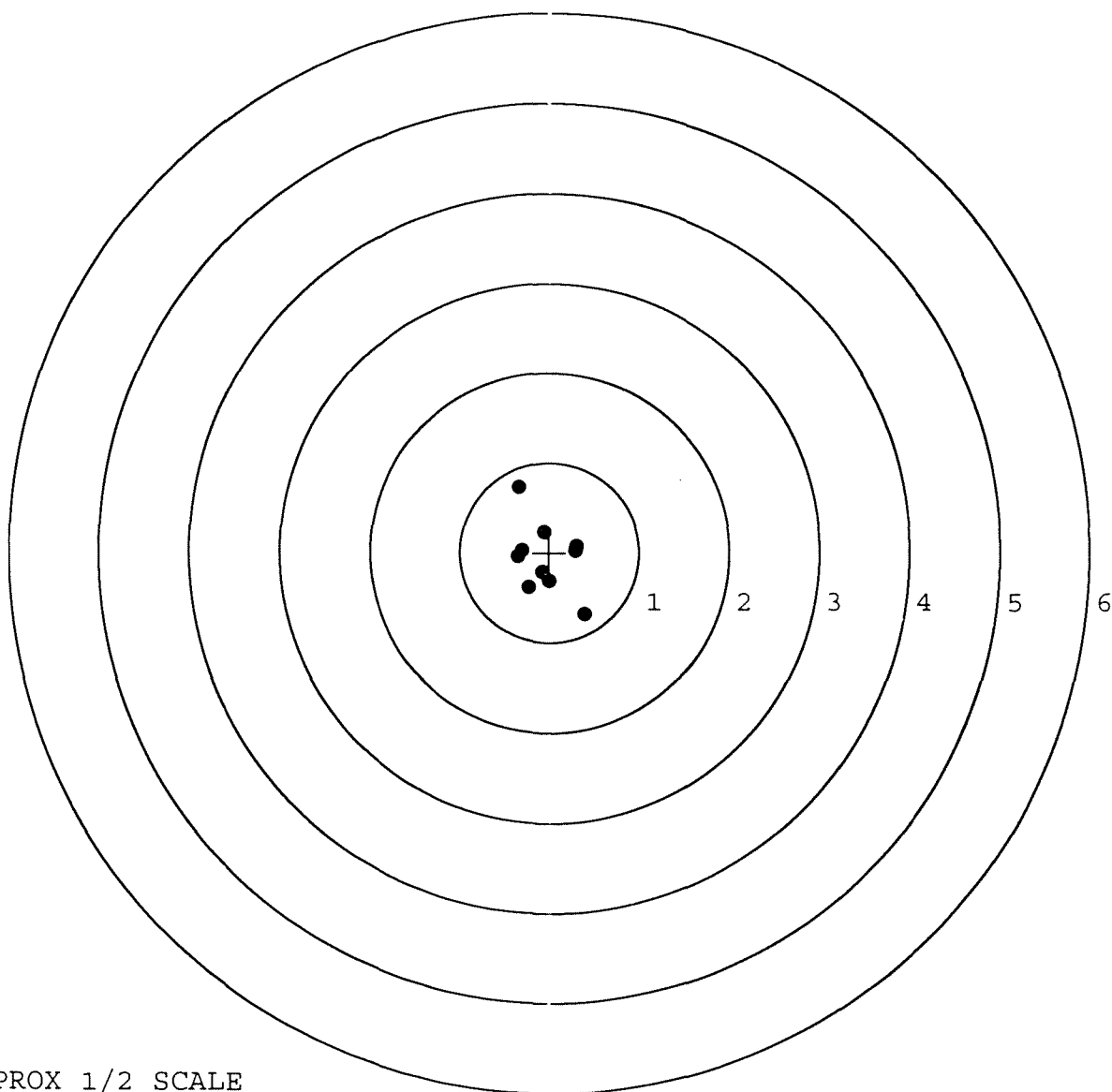
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522237. 0
TARGET NUMBER: 2
FILE DATE: 10/07/2008
FILE TIME: 15:37

	POINT#	X	Y
	1:	-0.344	0.723
	2:	0.395	-0.687
	3:	-0.057	0.232
	4:	-0.304	0.024
	5:	-0.230	-0.395
	6:	0.004	-0.324
	7:	0.299	0.024
	8:	-0.352	-0.052
	9:	0.308	0.080
	10:	-0.079	-0.225

X CENTROID:	-0.036
Y CENTROID:	-0.060
POA TO CENTROID:	0.070
HORZ SPREAD:	0.747
VERT SPREAD:	1.410
GROUP SPREAD:	1.592
MIN RADIUS:	0.171
MAX RADIUS:	0.841
MEAN RADIUS:	0.403

# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

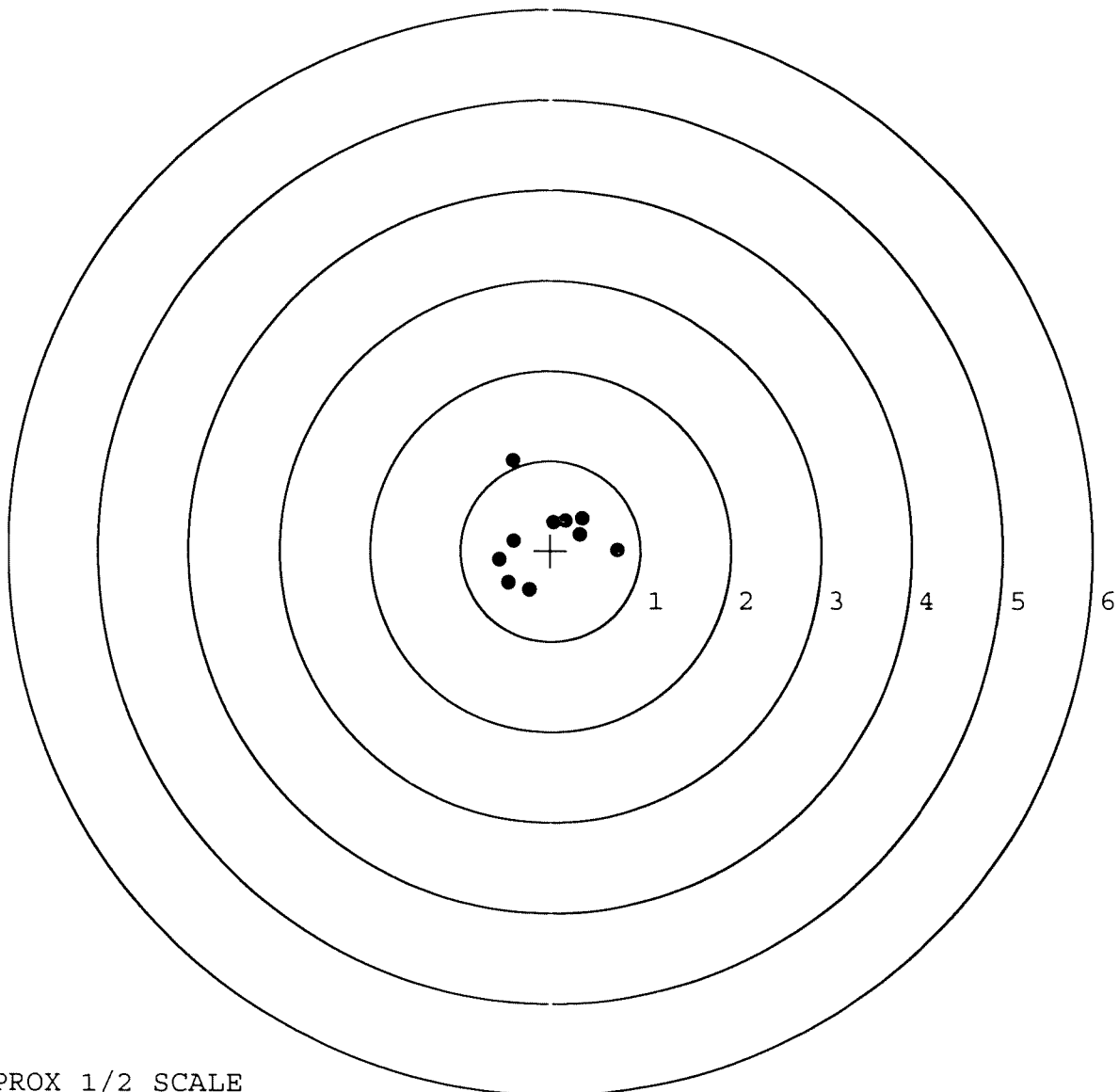


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522237. __0
TARGET NUMBER: 3
FILE DATE: 10/07/2008
FILE TIME: 15:37

X CENTROID: -0.047
Y CENTROID: 0.142
POA TO CENTROID: 0.149
HORZ SPREAD: 1.309
VERT SPREAD: 1.439
GROUP SPREAD: 1.529
MIN RADIUS: 0.190
MAX RADIUS: 0.939
MEAN RADIUS: 0.526
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.416	1.005
2:	0.355	0.363
3:	0.332	0.181
4:	0.742	0.007
5:	0.034	0.314
6:	0.171	0.337
7:	-0.239	-0.434
8:	-0.468	-0.356
9:	-0.567	-0.106
10:	-0.411	0.107



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522237. __0

TARGET NUMBER: 4

FILE DATE: 10/07/2008

FILE TIME: 15:37

X CENTROID: -0.088

Y CENTROID: 0.085

POA TO CENTROID: 0.122

HORZ SPREAD: 2.471

VERT SPREAD: 2.083

GROUP SPREAD: 2.700

MIN RADIUS: 0.237

MAX RADIUS: 1.715

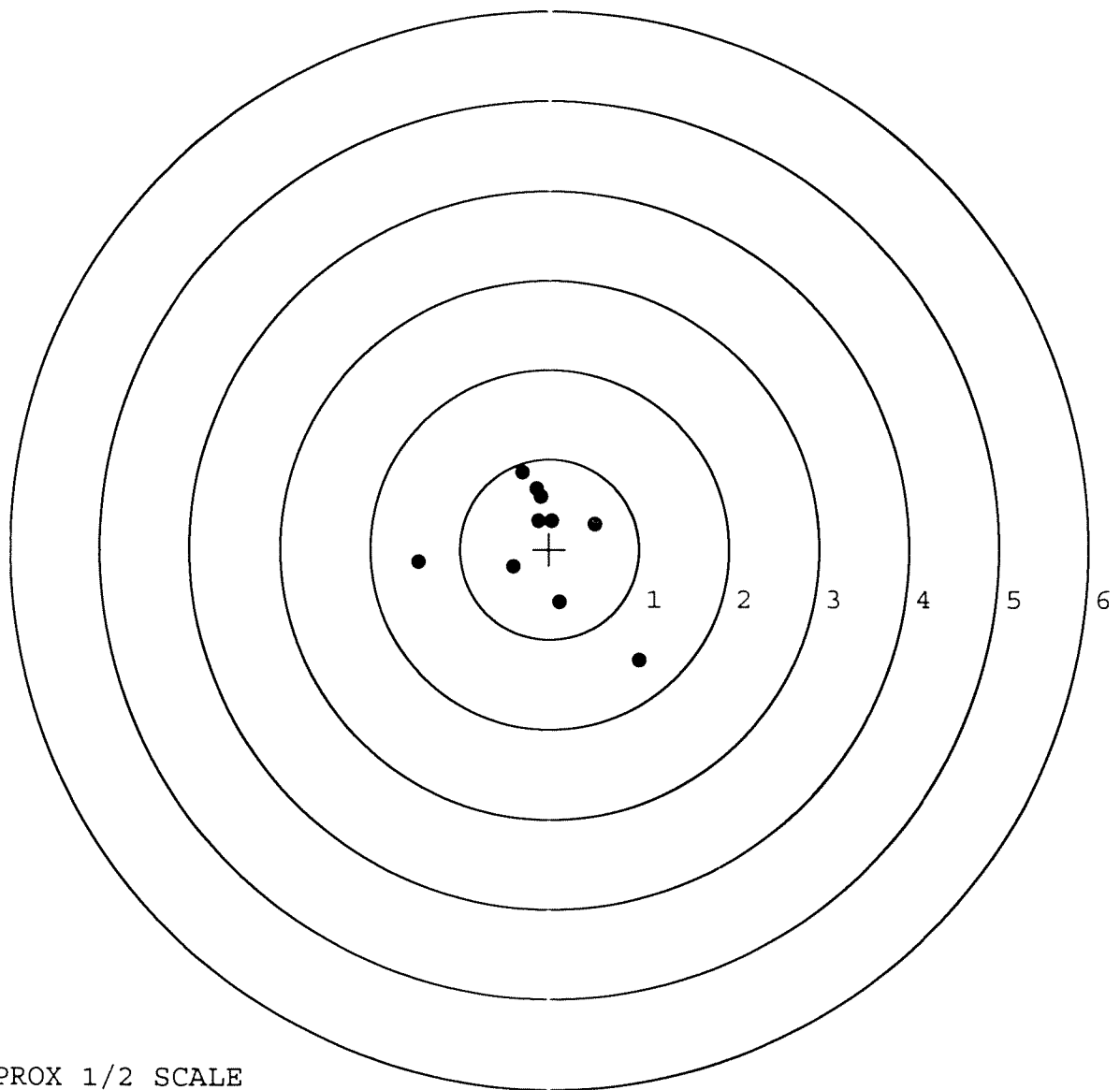
MEAN RADIUS: 0.724

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.509	0.280
2:	0.029	0.315
3:	-0.125	0.319
4:	-0.142	0.671
5:	-0.304	0.847
6:	-1.466	-0.147
7:	-0.406	-0.195
8:	0.117	-0.588
9:	1.005	-1.236
10:	-0.100	0.581



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522237. __0

TARGET NUMBER: 5

FILE DATE: 10/07/2008

FILE TIME: 15:37

X CENTROID: 0.148

Y CENTROID: -0.135

POA TO CENTROID: 0.200

HORZ SPREAD: 1.633

VERT SPREAD: 1.169

GROUP SPREAD: 1.754

MIN RADIUS: 0.316

MAX RADIUS: 1.345

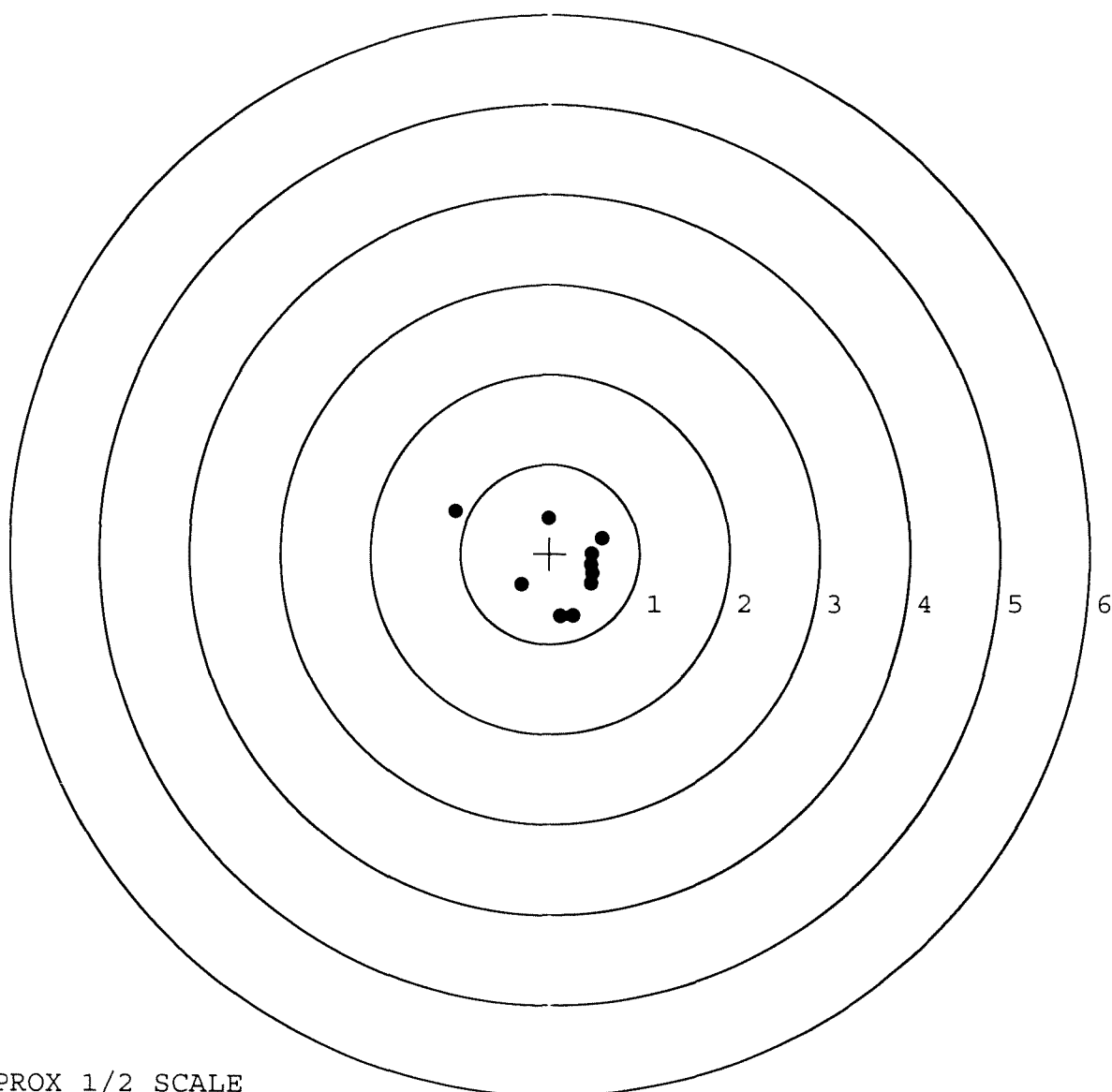
MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.051	0.475
2:	-0.007	0.398
3:	-0.316	-0.343
4:	0.126	-0.694
5:	0.263	-0.687
6:	0.466	-0.333
7:	0.479	-0.218
8:	0.463	-0.126
9:	0.471	0.003
10:	0.582	0.174



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

R 99-09168

INITIAL
SWSCUSTOMER ORDER NO.
377

DATE RECEIVED

04/07/99

DATE OPENED

04/08/99

DATE CODE

OK 7-90

SERIAL NUMBER

C6522237

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

M24

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

US ARMY
ATTN: JAMES C STARNES JR
GSC 5TH SFG (A)
FORT CAMPBELL

KY 42223

SHIP TO:

US ARMY
ATTN: JAMES C STARNES JR
GSC 5TH SFG (A)
FORT CAMPBELL

KY

42223

CUST NO: 208414 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

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

PARTS

COMMENTS

Barrel
Extractor96003
91816

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTE

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M240000249

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

File # 00377

Delivery Date 4 / 7 / 99

Customer Name (Print) US Army, James C Starns Jr
Address GSC 5th SFG, Ft. Campbell State KY Zip 42223
Phone Number (502)- 798-2882/7932

Firearm Description Model 700 (m24) Cal./ Ga. 7.62
Serial Number 6522237

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 [X]

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

Signature James C Starns Jr Date 4/7/99
person delivering firearm.

Signature [Signature] Date 4/7/99
security officer

Signature [Signature] Date 4/7/99
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 # c6522237
21 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1222
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0472
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .130999

THE AMR FOR THIS RIFLE IS: 1.228

CENTROIDAL DISTANCES

Ø TO	1	.292746
1 TO	2	.582409
1 TO	3	.0731642
1 TO	4	1.2281
1 TO	5	.70214

4

5

+ <----POA

3

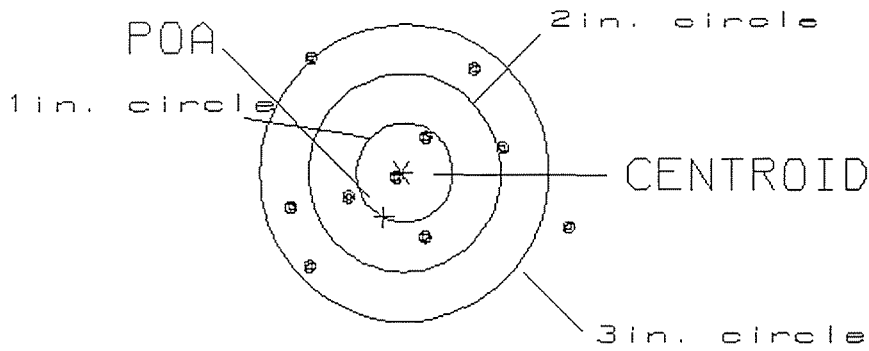
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .481
 MIN RADIUS : .144
 MEAN RADIUS : .998
 MAX RADIUS : 1.767
 CENTROID X : .182
 CENTROID Y : .445

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522237

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.82
 VS= 2.10
 GS= 3.20

2
 4
 8

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .946

MIN RADIUS : .294

MEAN RADIUS : 1.543

MAX RADIUS : 3.439

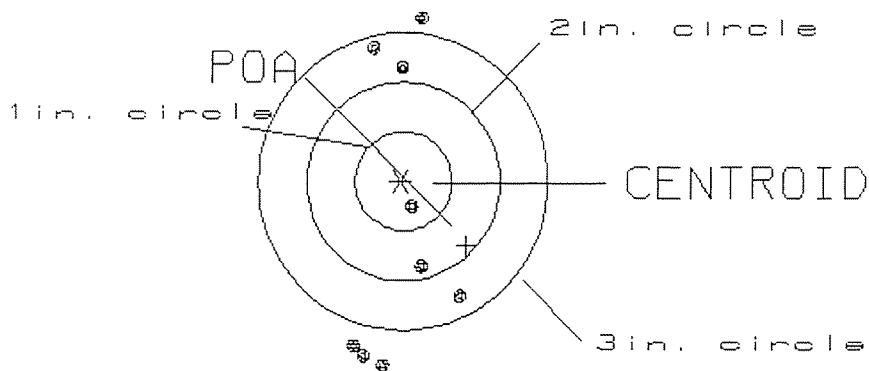
CENTROID X : -.686

CENTROID Y : .651

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522237

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.11

1

VS= 5.26

2

GS= 5.28

5

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .253

MIN RADIUS : .402

MEAN RADIUS : 1.119

MAX RADIUS : 2.003

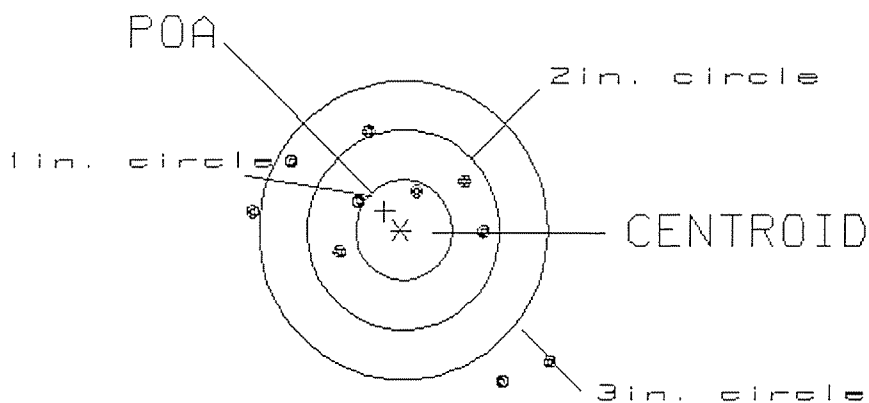
CENTROID X : .169

CENTROID Y : -.188

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522237

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.11

1

VS= 2.49

5

GS= 3.46

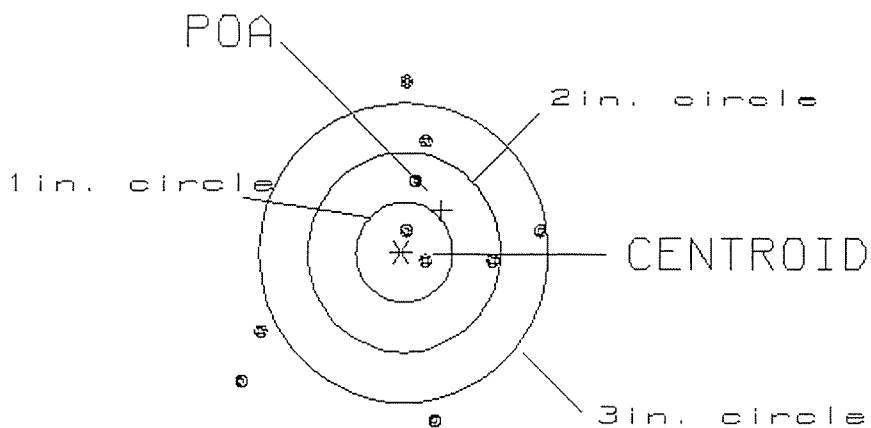
7

PATTERN #: 4
 POA TO CENTROID: .590
 MIN RADIUS : .198
 MEAN RADIUS : 1.186
 MAX RADIUS : 2.086
 CENTROID X : -.418
 CENTROID Y : -.416

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522237

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.02
 VS= 3.38
 GS= 3.39

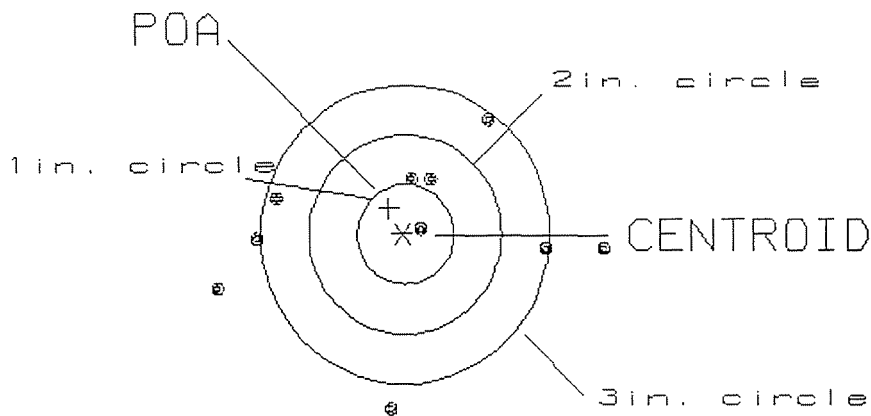
2
 4
 6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .293
 MIN RADIUS : .130
 MEAN RADIUS : 1.295
 MAX RADIUS : 2.063
 CENTROID X : .142
 CENTROID Y : -.256

21 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522237

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.97
 VS= 2.95
 GS= 3.99

1
 3
 6




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

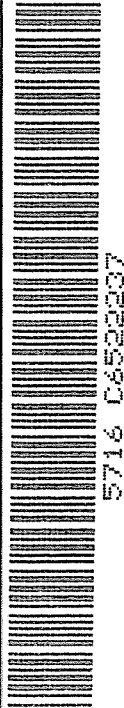
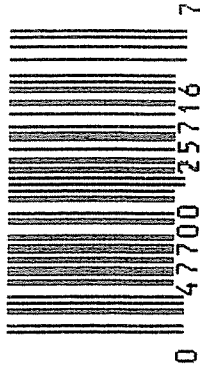
MODEL 700™ H24

SERIAL NO.
06522237

ORDER NO.
5716

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

LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522237

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/9/90	KQ
600	Proof		7/9/90	KQ
607	Check Headspace		7/9/90	KQ
610	Dis-assemble Gun		7/9/90	KQ
612	Magnaflux Barrel Action		7/11/90	KR
	Magnaflux Bolt		7/12/90	KR
615	Rollmark Caliber		7/17/90	GL
617	Drill and Tap Sight Holes		7/23/90	FB
618	Polish Barrel RB		7/24/90	WLB
620	Apply Coatings (Barrel Action)		7/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/16/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/16/90	KS
	C) Inspect Ejector Hole for Chamfer		8/16/90	KS
	D) Oil Firing Pin Ass'y		8/16/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-13-90	RL

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4	4	4		8/16/90	JE
	G) Safety Off Force	3	3	3		8/16/90	JE
	H) Trigger Pull Test & Retainability					9/13/90	JE
	I) Firing Pin Indent	.023	.023	.023		8/16/90	JE
	J) Assemble Stock					8/17/90	KS
	K) Assemble Swivel Studs					9/14/90	KS
	L) Attach Front and Rear Sight Assemblies					8/17/90	KS
	M) Iron Sight Alignment					8/17/90	KS
	N) Detach Front & Rear Sights & place in numbered container					8/17/90	KS
	O) Attach Scope to Rifle					8/17/90	KS
	P) Detach & Attach Scope 20 Times					8/17/90	KS
640	Gallery Target & Test					8-20-90	DH
	A) Time					8-20-90	DH
	B) Malfunctions					8-20-90	DH
	C) Pierced Primers					8-20-90	DH
	D) Optical Clarity of Scope					8-20-90	DH
645	Inspect for Live Ammo					8-20-90	DH
655	Final Inspection						
	A) Headspace					9/14/90	928
	B) Trigger Pull	239	206	2.24	2.50	2.20	9/14/90
	C) Function					9/14/90	928
660	Pack					9-18-90	JE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. 06522237DATE 9-13-90TESTER J21.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.21	2.26	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.44	2.23	2.06	
PULL #3	2.50	2.16	2.31	2.26	
PULL #4	2.19	2.21	2.28	2.50	
PULL #5	2.30	2.24	2.31	2.20	
TOTAL	11.74	11.26	11.39	11.41	
AVG.	2.348	2.252	2.278	2.282	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.27		
PULL #2	3.43	3.11		
PULL #3	3.47	3.25		
PULL #4	3.10	3.19		
PULL #5	3.12	3.18		
TOTAL	16.50	16.00		
AVG.	3.3	3.2		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.10		4.30
PULL #2	4.11	4.23		4.36
PULL #3	4.35	4.17		4.32
PULL #4	4.19	4.22		4.30
PULL #5	4.12	4.22		4.30
TOTAL	20.89	20.94		21.58
AVG.	4.178	4.188		4.316

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522237
21 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.157487
1 TO	2	.382645
1 TO	3	.415326
1 TO	4	.229839
1 TO	5	.152801

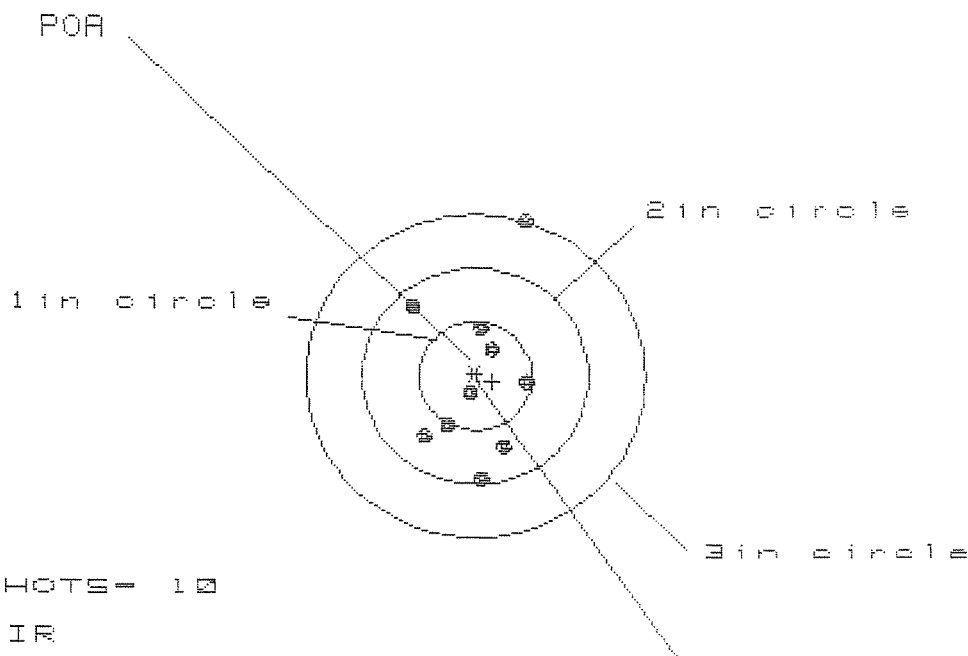
$\frac{54}{23}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.113
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0816
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .139383
THE AMR FOR THIS RIFLE IS: .7998

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522237

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= 1.067

VS= 2.366

GS= 2.386

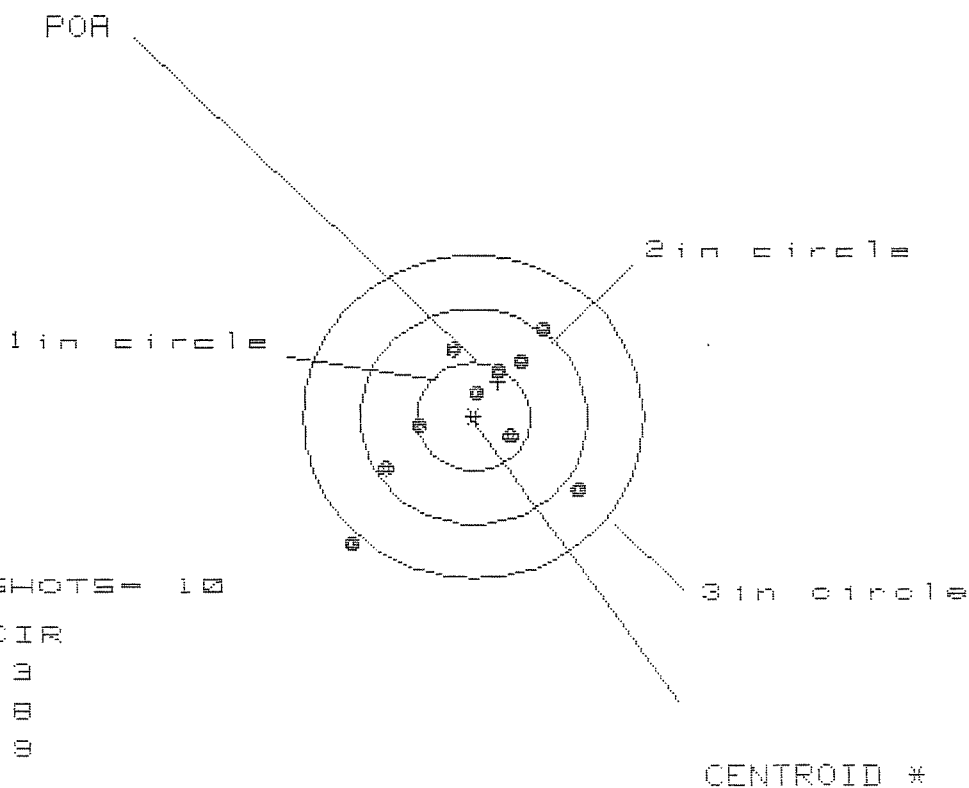
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.474	.518	.535
MINIMUM X	:	-.593	-.549	-.532
MAXIMUM Y	:	1.408	.826	.725
MINIMUM Y	:	-.958	-.801	-.596
CENTROID X	:	-.149	-.193	-.210
CENTROID Y	:	.051	-.106	-.005
POA TO CENTROID in.	:	.157	.220	.210
MIN RADIUS	:	.204	.051	.130
MEAN RADIUS	:	.660	.543	.515
MAX RADIUS	:	1.464	.991	.899
HORIZONTAL SPREAD	:	1.067	1.067	1.067
VERTICAL SPREAD	:	2.366	1.627	1.321
EXTREME SPREAD	:	2.386	1.766	1.547
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522237

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 2.017

VS = 1.947

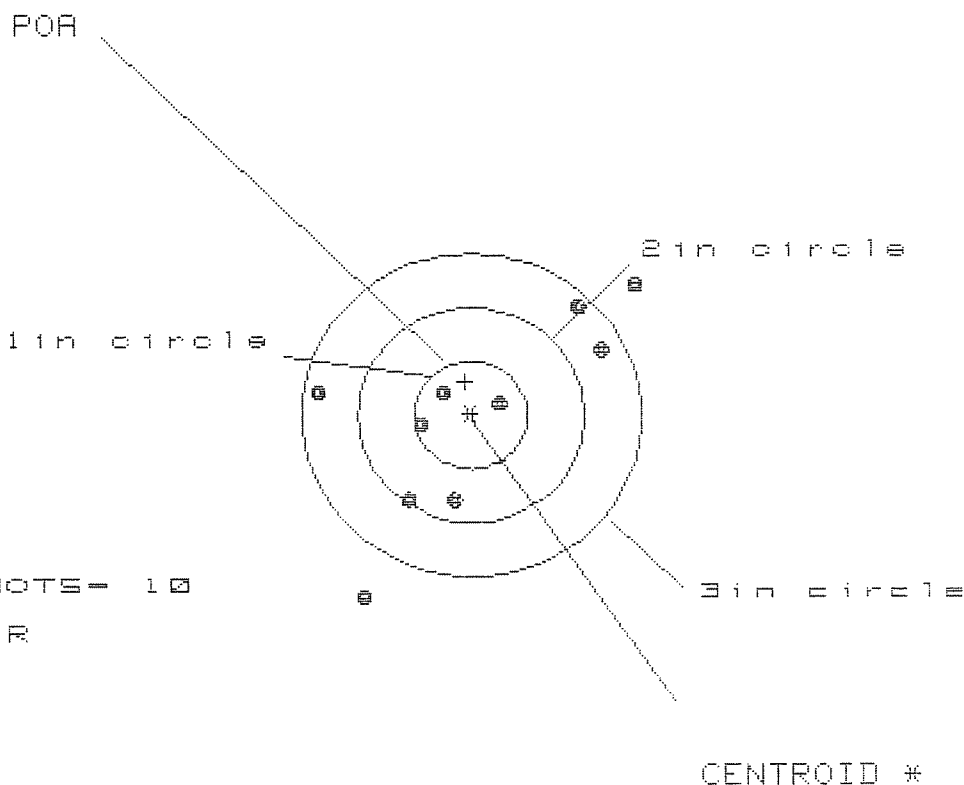
GS = 2.550

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.949	.830	.563
MINIMUM X	:	-1.068	-.889	-.785
MAXIMUM Y	:	.793	.665	.570
MINIMUM Y	:	-1.154	-.756	-.713
CENTROID X	:	-.220	-.101	-.205
CENTROID Y	:	-.325	-.197	-.102
POA TO CENTROID in.	:	.393	.221	.229
MIN RADIUS	:	.202	.081	.062
MEAN RADIUS	:	.741	.604	.527
MAX RADIUS	:	1.572	1.123	1.060
HORIZONTAL SPREAD	:	2.017	1.719	1.348
VERTICAL SPREAD	:	1.947	1.421	1.283
EXTREME SPREAD	:	2.550	1.861	1.861
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522237

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.746

VS= 2.881

GS= 3.736

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.409	1.301	1.181
MINIMUM X	:	-1.337	-1.445	-1.283
MAXIMUM Y	:	1.171	.981	.922
MINIMUM Y	:	-1.710	-.977	-.854
CENTROID X	:	.051	.159	-.003
CENTROID Y	:	-.313	-.123	-.246
POA TO CENTROID in.	:	.318	.201	.246
MIN RADIUS	:	.248	.109	.245
MEAN RADIUS	:	1.052	.949	.832
MAX RADIUS	:	1.966	1.629	1.349
HORIZONTAL SPREAD	:	2.746	2.746	2.464
VERTICAL SPREAD	:	2.881	1.958	1.776
EXTREME SPREAD	:	3.736	2.903	2.492
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522237

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.000

VS= 1.839

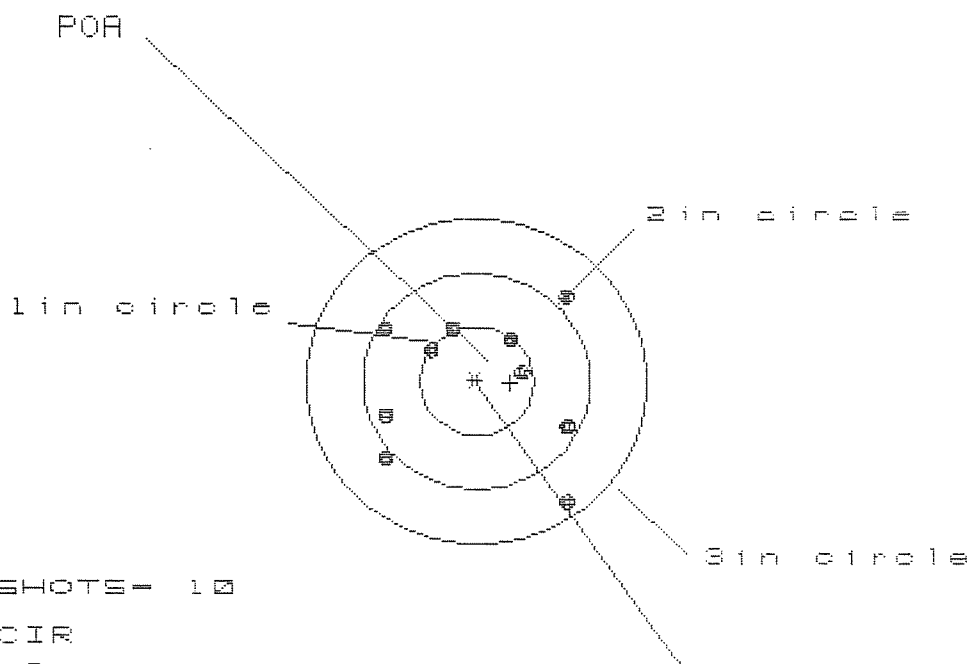
GS= 2.200

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.001	.863	.752
MINIMUM X	:	-.999	-.888	-.801
MAXIMUM Y	:	.903	.849	.895
MINIMUM Y	:	-.935	-.990	-.944
CENTROID X	:	.050	-.061	.050
CENTROID Y	:	.166	.220	.174
POA TO CENTROID in.	:	.173	.228	.181
MIN RADIUS	:	.242	.256	.248
MEAN RADIUS	:	.742	.687	.652
MAX RADIUS	:	1.115	1.055	.977
HORIZONTAL SPREAD	:	2.000	1.751	1.553
VERTICAL SPREAD	:	1.839	1.839	1.839
EXTREME SPREAD	:	2.200	1.849	1.839
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS522237

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.578

VS= 1.911

GS= 2.217

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.776	.849	.948
MINIMUM X	:	-.802	-.716	-.610
MAXIMUM Y	:	.808	.685	.463
MINIMUM Y	:	-1.103	-.804	-.718
CENTROID X	:	-.297	-.383	-.489
CENTROID Y	:	.013	.136	.050
POA TO CENTROID in.	:	.297	.406	.491
MIN RADIUS	:	.381	.346	.373
MEAN RADIUS	:	.804	.717	.673
MAX RADIUS	:	1.349	1.091	1.046
HORIZONTAL SPREAD	:	1.578	1.565	1.558
VERTICAL SPREAD	:	1.911	1.489	1.181
EXTREME SPREAD	:	2.217	2.160	1.761
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		