

06225339

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00061096

Serial: C6225339 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/4/2003 5:19:41 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: COMMANDER

COMMANDER

Address 1: ATTN SGT GONZALEZ

ATTN SGT GONZALEZ

Address 2: 1/1 SFG (A) UNIT 35123

PO Box:

1/1 SFG (A) UNIT 35123

PO Box:

City: APO

APO

State: XX

Zip Code: 96376

Country: AP

State: XX

Zip Code: 96376

Country: AP

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition: REC'D IN SAME HARD CASE
Notes: W/ SER# C6225190 & SER#
C6348798

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

naglej

2/6/2003

7:52 AM

CAPS

NUM

IINS

SCRL

start

Inbox - Microsof...

Calendar - Micro...

Shot Show? - M...

Arms Services R...

7:52 AM

Serial Number: C6225339

Model: 700



RE00061096

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

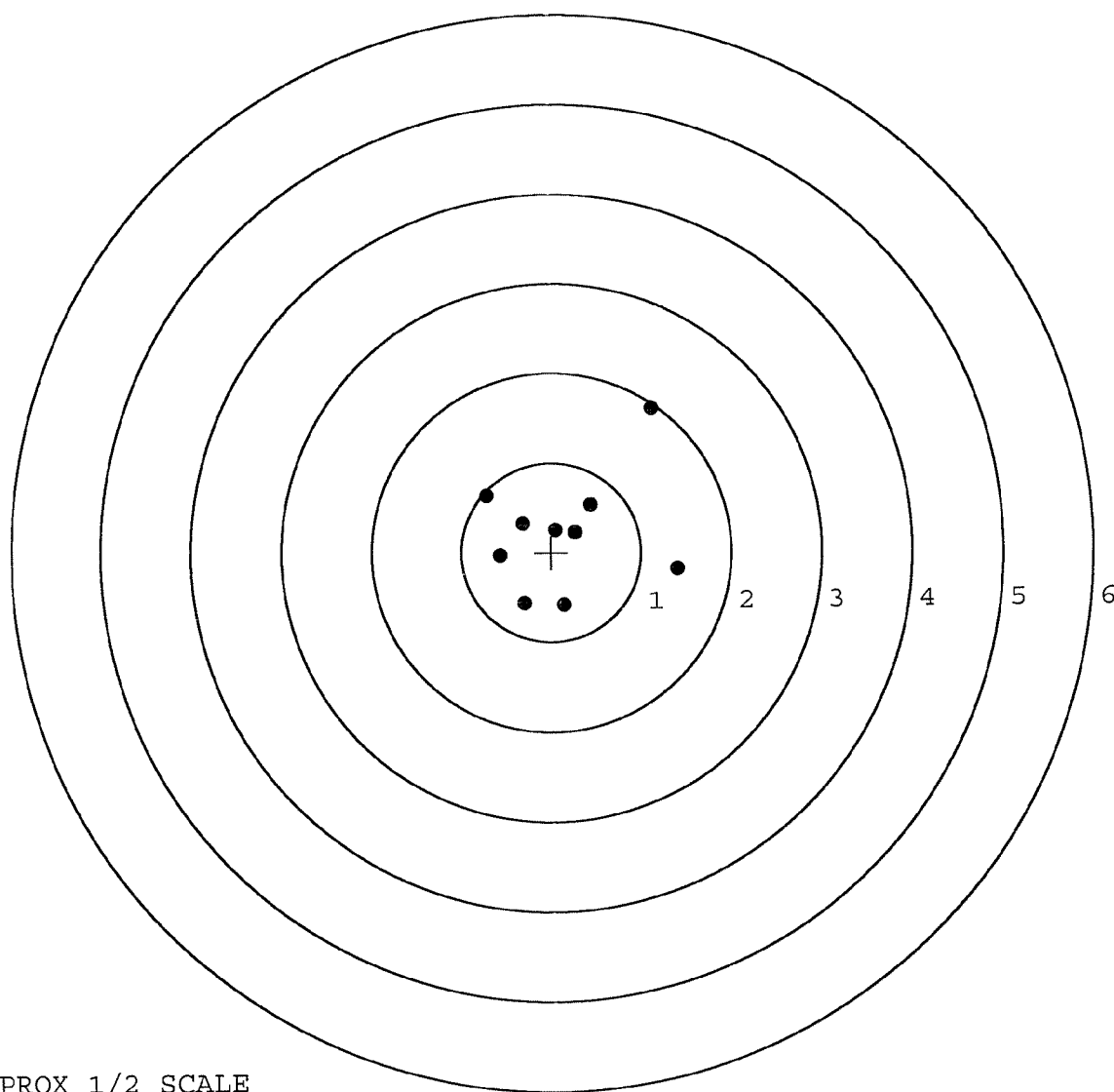
FIREARM SERIAL NUMBER / DATASET NAME: C6225339.___0
FILE DATE AND TIME: 03/09/2003 11:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.056
The Average Y Centroid of the Five Target Set:	0.098
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	0.628
The Distance from POA to Centroid Target #1:	0.265
The Distance from Centroid Target #2 to Centroid Target #1:	0.146
The Distance from Centroid Target #3 to Centroid Target #1:	0.228
The Distance from Centroid Target #4 to Centroid Target #1:	0.297
The Distance from Centroid Target #5 to Centroid Target #1:	0.195

SERIAL NUMBER: C6225339. __0
TARGET NUMBER: 1
FILE DATE: 03/09/2003
FILE TIME: 11:12

		POINT#	X	Y
X CENTROID:	0.153	1:	1.406	-0.198
Y CENTROID:	0.216	2:	1.124	1.599
POA TO CENTROID:	0.265	3:	-0.720	0.640
HORZ SPREAD:	2.126	4:	0.145	-0.596
VERT SPREAD:	2.195	5:	-0.305	-0.574
GROUP SPREAD:	2.601	6:	-0.570	-0.035
MIN RADIUS:	0.109	7:	-0.314	0.323
MAX RADIUS:	1.689	8:	0.049	0.251
MEAN RADIUS:	0.761	9:	0.272	0.223
# IN 1 IN DIAMETER:	4	10:	0.442	0.532
# IN 2 IN DIAMETER:	8			
# in 3 IN DIAMETER:	9			

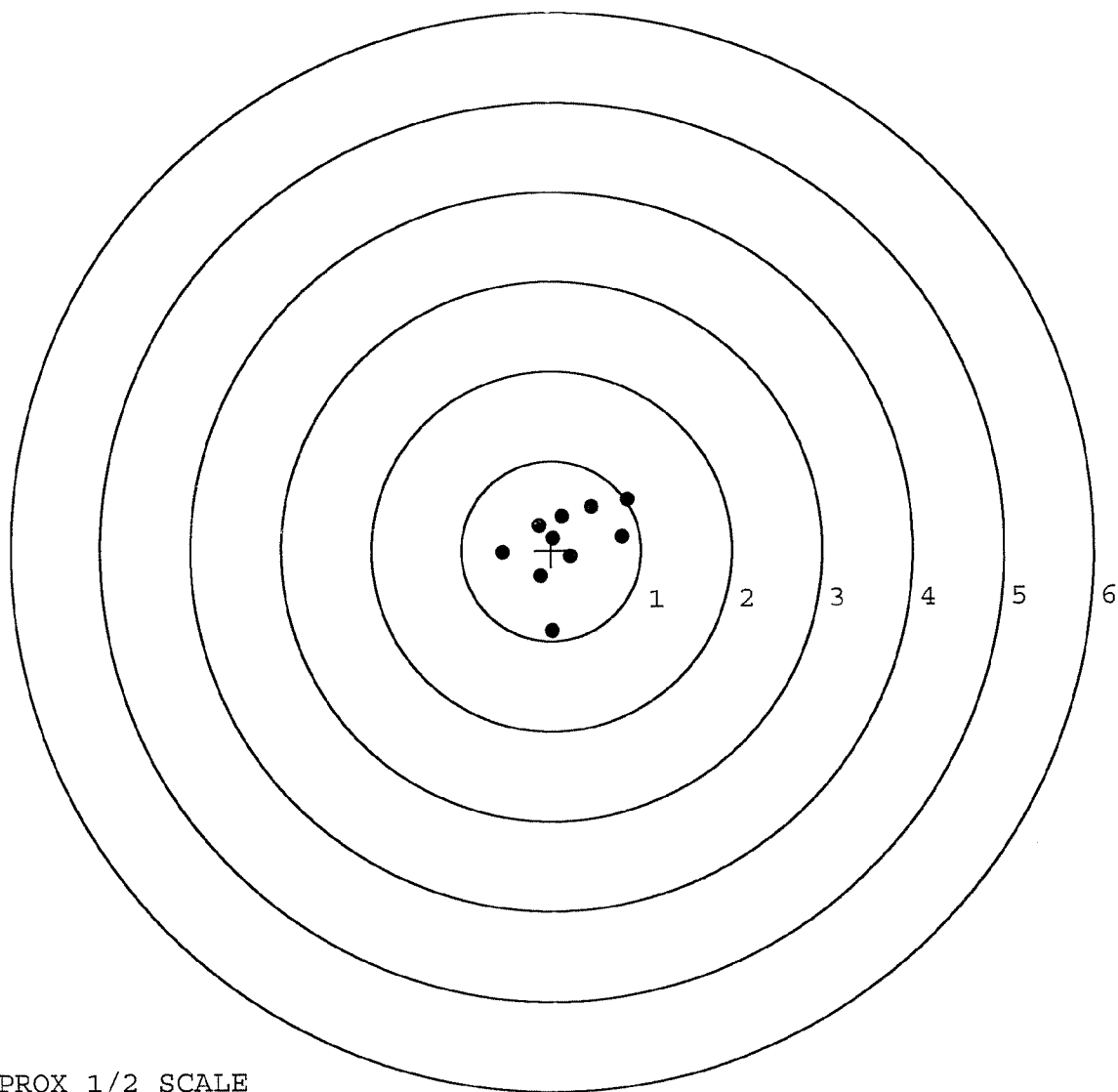


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225339.___0
 TARGET NUMBER: 2
 FILE DATE: 03/09/2003
 FILE TIME: 11:12

X CENTROID: 0.165
 Y CENTROID: 0.071
 POA TO CENTROID: 0.179
 HORZ SPREAD: 1.392
 VERT SPREAD: 1.460
 GROUP SPREAD: 1.684
 MIN RADIUS: 0.147
 MAX RADIUS: 0.978
 MEAN RADIUS: 0.510
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.008	-0.894
2:	0.848	0.566
3:	0.215	-0.067
4:	0.123	0.378
5:	-0.140	0.275
6:	-0.544	-0.026
7:	0.024	0.139
8:	0.787	0.150
9:	-0.123	-0.291
10:	0.447	0.482

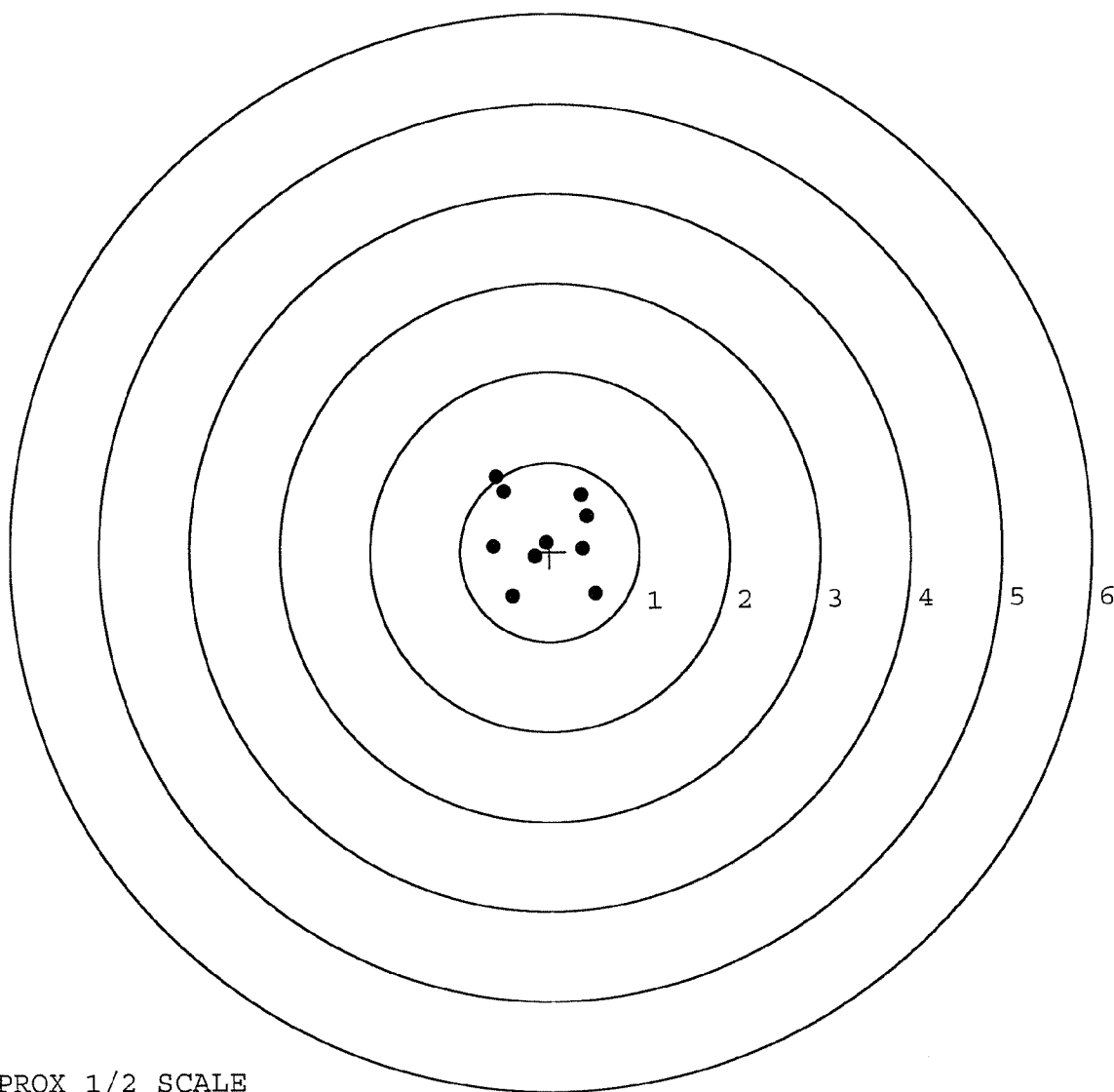


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225339. __0
TARGET NUMBER: 3
FILE DATE: 03/09/2003
FILE TIME: 11:12

POINT#	X	Y
1:	0.509	-0.472
2:	-0.416	-0.494
3:	-0.633	0.061
4:	-0.509	0.679
5:	-0.594	0.842
6:	0.415	0.400
7:	0.359	0.638
8:	0.368	0.037
9:	-0.041	0.105
10:	-0.172	-0.056

X CENTROID: -0.071
Y CENTROID: 0.174
POA TO CENTROID: 0.188
HORZ SPREAD: 1.142
VERT SPREAD: 1.336
GROUP SPREAD: 1.716
MIN RADIUS: 0.075
MAX RADIUS: 0.868
MEAN RADIUS: 0.567
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

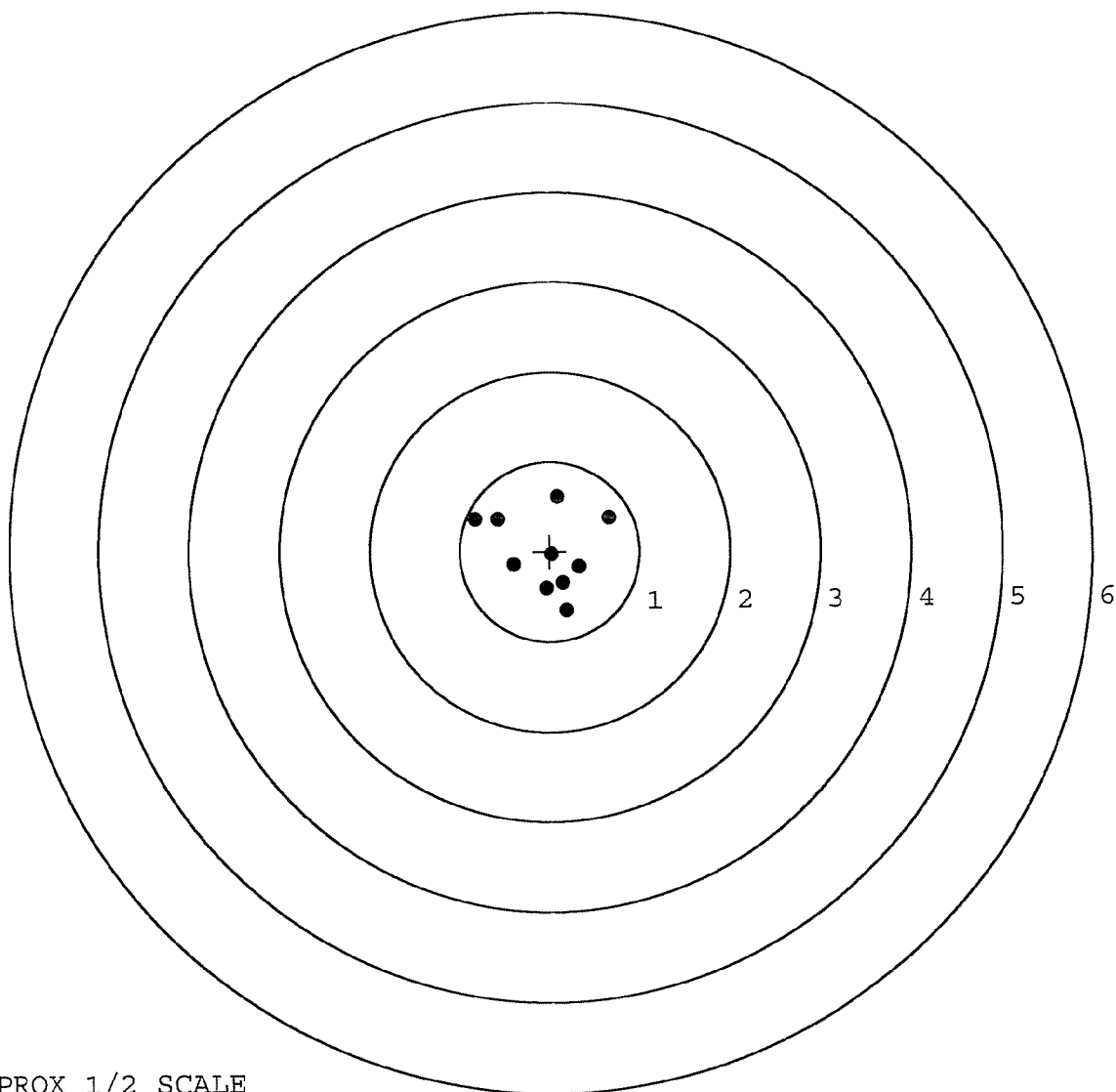


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225339. __0
TARGET NUMBER: 4
FILE DATE: 03/09/2003
FILE TIME: 11:12

X CENTROID: -0.042
Y CENTROID: -0.008
POA TO CENTROID: 0.043
HORZ SPREAD: 1.489
VERT SPREAD: 1.274
GROUP SPREAD: 1.489
MIN RADIUS: 0.071
MAX RADIUS: 0.871
MEAN RADIUS: 0.533
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.660	0.377
2:	0.088	0.612
3:	-0.579	0.365
4:	-0.829	0.365
5:	-0.405	-0.153
6:	0.188	-0.662
7:	0.328	-0.178
8:	0.023	-0.038
9:	0.151	-0.354
10:	-0.043	-0.416



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225339. __0

TARGET NUMBER: 5

FILE DATE: 03/09/2003

FILE TIME: 11:12

POINT#	X	Y
1:	0.630	-0.906
2:	0.317	-0.922
3:	1.230	0.254
4:	0.260	-0.031
5:	-0.502	-0.693
6:	-0.713	0.629
7:	0.033	0.822
8:	0.154	0.636
9:	-0.221	0.335
10:	-0.417	0.247

X CENTROID: 0.077

Y CENTROID: 0.037

POA TO CENTROID: 0.086

HORZ SPREAD: 1.943

VERT SPREAD: 1.744

GROUP SPREAD: 1.979

MIN RADIUS: 0.195

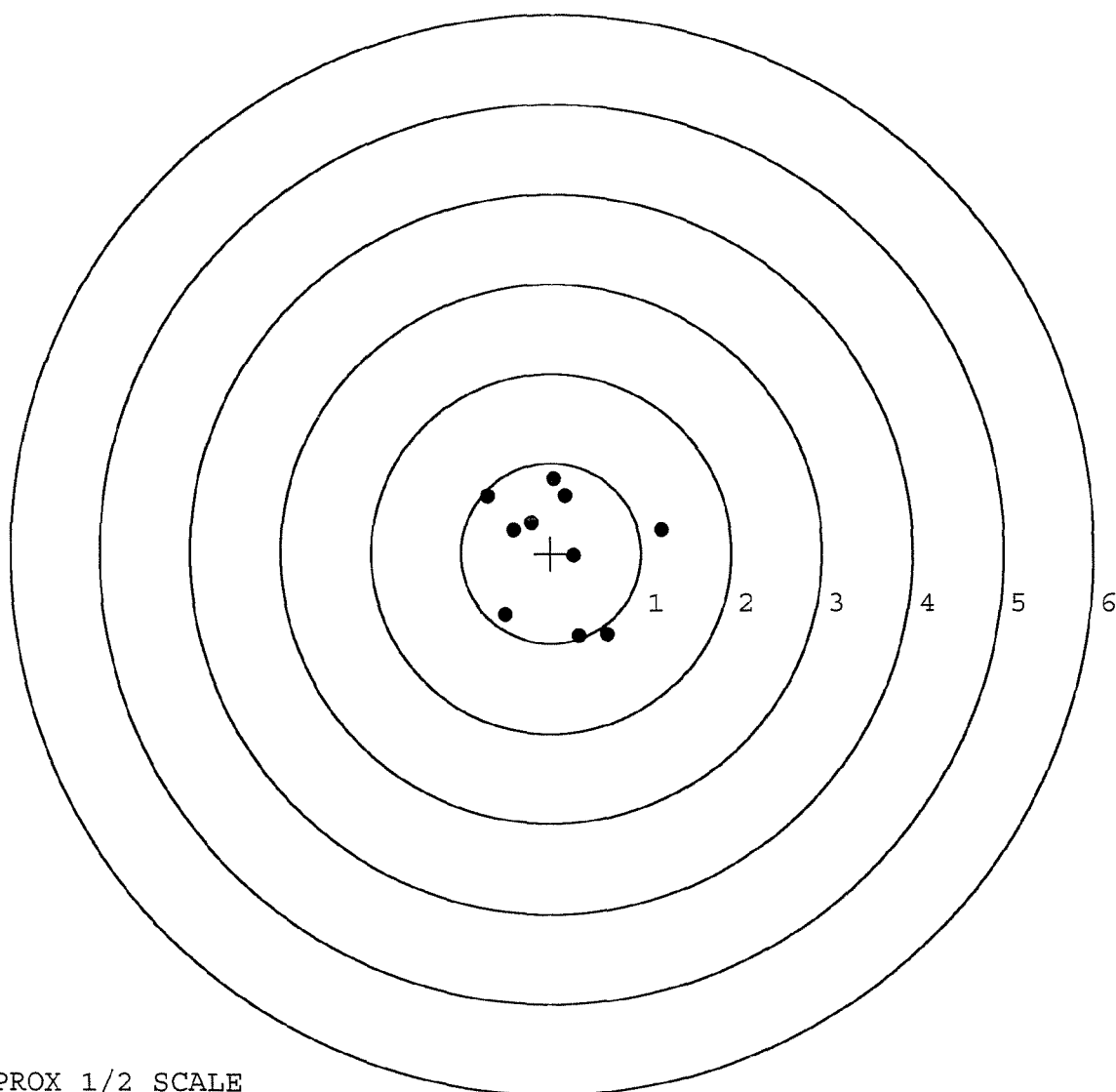
MAX RADIUS: 1.173

MEAN RADIUS: 0.772

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C1622533 9 INSPECTED BY: RTL

DATE REC'D: 2-4-03 DATE RET'D: 3/16/03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

[illegible]

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: **RE00030143** Serial: C6225339 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 7/30/01 1:47:58 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **COMMANDER** **COMMANDER**

Address 1: **1ST BN 1ST SFG (A)** **1ST BN 1ST SFG (A)**

Address 2: **PO Box** **PO Box**

City: **APD** **APD**

State: **OK** Zip Code: **96376** Country: **US** State: **OK** Zip Code: **96376** Country: **US**

FPI: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Condition Notes:

CSR Notes: **SER#C6348850 WAS ALSO SHIPPED IN SAME HARD CASE.**

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1

Repair Search Refresh Close

maglet 7/31/01 7:12 AM CAPS NUM INS SCPL

Start Arms Services Repair

Serial Number: **C6225339**

Model: **700**



RE00030143

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225339
14 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.08
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .081745

THE AMR FOR THIS RIFLE IS: 1.059

CENTROIDAL DISTANCES

0	TO	1	.199271
1	TO	2	.259017
1	TO	3	.231353
1	TO	4	.181246
1	TO	5	.477942

4¹
3² <----POA
5

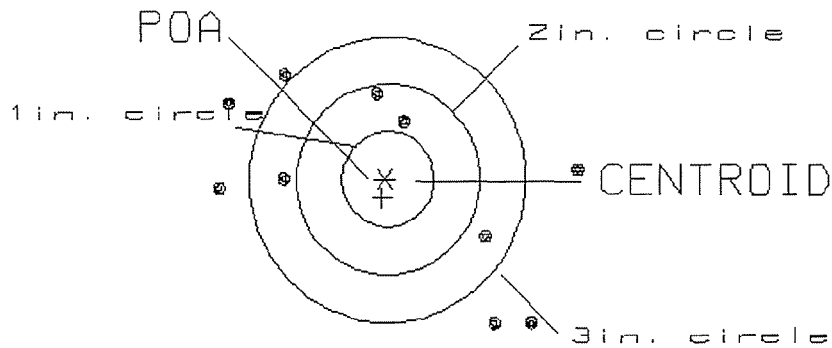
PATTERN #: 1

POA TO CENTROID: .199
 MIN RADIUS : .617
 MEAN RADIUS : 1.532
 MAX RADIUS : 2.146
 CENTROID X : .030
 CENTROID Y : .197

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.91
 VS= 2.61
 GS= 4.03

0
 2
 4

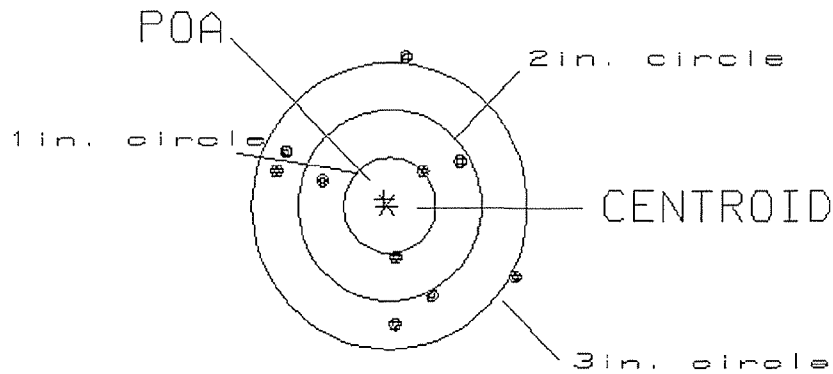
PATTERN #: 2

POA TO CENTROID: .070
 MIN RADIUS : .489
 MEAN RADIUS : 1.053
 MAX RADIUS : 1.540
 CENTROID X : .033
 CENTROID Y : -.062

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.56
 VS= 2.73
 GS= 2.78

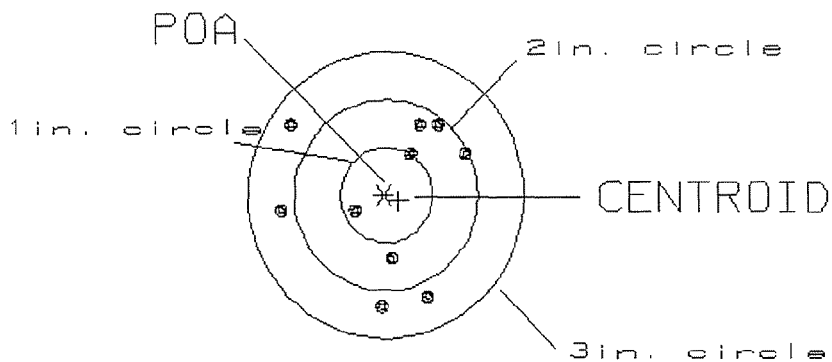
1
 4
 8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .172
 MIN RADIUS : .397
 MEAN RADIUS : .902
 MAX RADIUS : 1.268
 CENTROID X : -.160
 CENTROID Y : .065

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.00

1

VS= 1.90

5

GS= 2.34

10

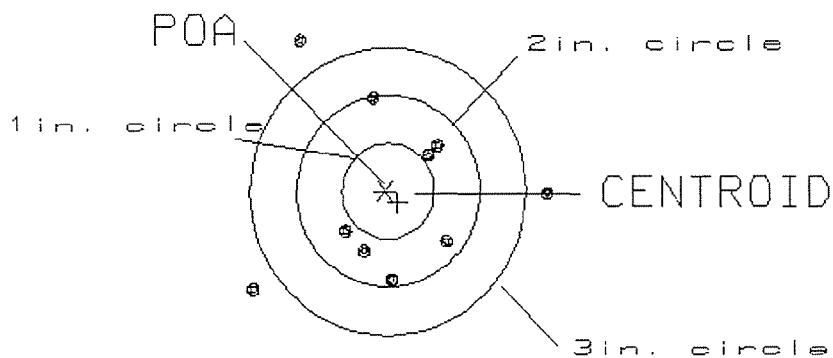
PATTERN #: 4

POA TO CENTROID: .182
 MIN RADIUS : .546
 MEAN RADIUS : 1.072
 MAX RADIUS : 1.880
 CENTROID X : -.135
 CENTROID Y : .122

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.16
 VS= 2.58
 GS= 3.29

0
 6
 7

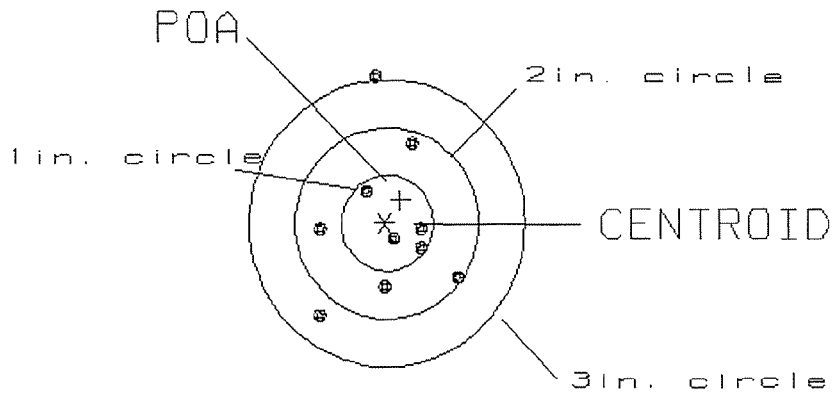
PATTERN #: 5

POA TO CENTROID: .291
MIN RADIUS : .199
MEAN RADIUS : .738
MAX RADIUS : 1.497
CENTROID X : -.168
CENTROID Y : -.238

14 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.55

4

VS= 2.47

6

GS= 2.55

10

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER

SERIAL NUMBER C 6225339

LOG-IN DATE 7/31/01

[illegible]

Final Inspection

S.N. 6225339

DATE REC'D: 7/31/01

DATE RET'D: 8/15/01

AUDITOR: *[Signature]*

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ Finish
- ☒ Looseness
- ☒ Clarity

Misc.

- ☒ DD-250
- ☒ BAR CODE
- ☒ PACKAGING

Item:

STOCK ASSY.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☒ Scope Case
- ☒ Iron SIGHTS
- ☒ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: _____

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R99-12458

INITIAL

CUSTOMER ORDER NO.

SWS

011-81-611-744-4441

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/09/10

06/10/99

WI 8-88

C6225339

700 7.62

M2A/NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER

1ST BN 1ST SFG A UNIT 35123

ATTN PROPERTY BOOK OFFICER

PSC 560 TORII STA. CA 96376

COMMANDER

1ST BN 1ST SFG A UNIT 35123

ATTN PROPERTY BOOK OFFICER

PSC 560 TORII STA. CA

96376

CUST NO:198287 C.O.L.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

UPS

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

96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

Ru

-

-

-

-

Ru

9-3-99

9-7-99

8-7-99

OFFICE COPY

PD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400013151

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION				2. NOMENCLATURE AND MODEL RIFLE, SNIPER M24 7.62x51			
3. REGISTRATION/SERIAL/NSN C6225339/SCOPE 287739	4a. MILES	b. HOURS	c. ROUNDS FIRED UNK	d. HOT STARTS	e. DATE 3/17/99	6. TYPE INSPECTION LTI	

7. APPLICABLE REFERENCE			
TM NUMBER	TM DATE	TM NUMBER	TM DATE

COLUMN a — Enter TM item number.	COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN b — Enter the applicable condition status symbol.	COLUMN e — Individual ascertaining completed corrective action initial in this column.
COLUMN c — Enter deficiencies and shortcomings.	

STATUS SYMBOLS

“X”—Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH “(-)”—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL “(/)”—Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

**LAST NAME INITIAL IN BLACK, BLUE-BLACK INK,
OR PENCIL**-Indicates that a completely satisfactory
condition exists.

FOR AIRCRAFT-Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED
IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MAN HOURS REQUIRED
Charlie Jan				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1		LOOSE Scope Ring Cap SCREWS	Tighten	CJ
2		Pitted BARREL	Replace	
3		NO Rounds fired card		
4		NO GREASE ON BACK of BOLT Lugs	GREASE	CJ
		Condition Code: F	needs parts & or repair	

[illegible]

SHIPPING CONTAINER TALLY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REQUISITION AND INVOICE / SHIPPING DOCUMENT										<i>Form Approved</i> <i>OMB No. 0704-0248</i> <i>Expires Dec 13, 1996</i>		
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0248), Washington, DC 20503.												
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE ADDRESS IN ITEM 2												
1. FROM: (Include ZIP Code) Commander 1st Bn, 1st SFG (A) APO, AP 96376 Attn: PBO Com #: 011-81-611-744-4441						SHEET NO.	NO. OF SHEETS	5. REQUISITION DATE		8. REQUISITION NUMBER		
						7. DATE MATERIAL REQUIRED (YYMMDD)				8. PRIORITY		
2. TO: (Include ZIP Code) Remington Arms Co., Inc. 14 Hoeffler Avenue Llion, NY 13357-1816						9. AUTHORITY OR PURPOSE						
						10. SIGNATURE				11a. VOUCHER NUMBER & DATE (YYMMDD)		
3. SHIP TO - MARK FOR Attn: Fabricated Products Dept.						12. DATE SHIPPED (YYMMDD)		b.				
						13. MODE OF SHIPMENT		14. BILL OF LADING NUMBER				
						15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.						
4. APPROPRIATIONS SYMBOL AND SUBHEAD				OBJECT CLASS	EXPENDITURE ACCOUNT <i>(From)</i> <i>(To)</i>		CHARGEABLE ACTIVITY		BUREAU CONTROL ACTIVITY NO.		BUREAU CONTROL NO.	AMOUNT
ITEM NO. (a)	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIAL AND / OR SERVICES (b)					UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CON-TAINER (f)	CON-TAINER NOS. (g)	UNIT PRICE (h)	TOTAL COST (i)
1.	1005-01-01-240-2136 Rifle, 7.62mm Sniper M24 S/N# C6225190/871127, C6225339, C6225343/881219, C6348920, C6225218					EA	55				5,145.00	25,725.00
	-----Nothing Follows-----											
18. TRANSPORTATION VIA MATS OR MSTs CHARGEABLE TO						17. SPECIAL HANDLING						
18. RECORD OF SHIPMENT	ISSUED BY	TOTAL CON-TAINERS	TYPE CON-TAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE	19. RECEIPT	CONTAINERS RECEIVED EXCEPT AS NOTED	DATE (YYMMDD)	BY	SHEET TOTAL	
	CHECKED BY							QUANTITIES RECEIVED EXCEPT AS NOTED	DATE (YYMMDD)	BY	GRAND TOTAL	
	PACKED BY							POSTED	DATE (YYMMDD)	BY	20. RECEIVER'S VOUCHER NO.	
	← → TOTAL											

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225339
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.235
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2578

THE AMR FOR THIS RIFLE IS: 1.272

CENTROIDAL DISTANCES

0	TO	1	.353142
1	TO	2	.441938
1	TO	3	.673451
1	TO	4	.327951
1	TO	5	.186561

2⁺_{4 5} 1 <----POA

3

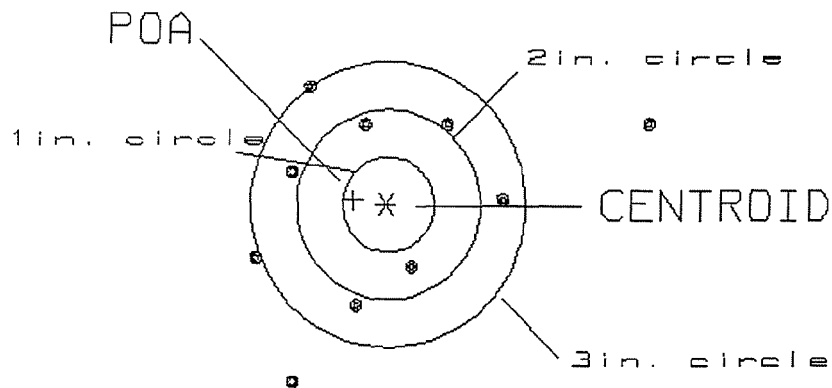
PATTERN #: 1

POA TO CENTROID: .353
 MIN RADIUS : .722
 MEAN RADIUS : 1.441
 MAX RADIUS : 3.009
 CENTROID X : .350
 CENTROID Y : -.047

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.38
 VS= 3.18
 GS= 4.80

0
 2
 6

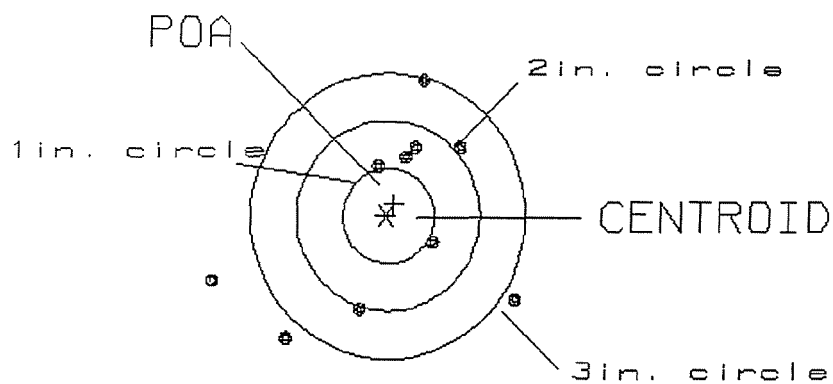
PATTERN #: 2

POA TO CENTROID: .151
 MIN RADIUS : .555
 MEAN RADIUS : 1.137
 MAX RADIUS : 1.992
 CENTROID X : -.085
 CENTROID Y : -.125

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.28

0

US= 2.63

4

GS= 3.30

7

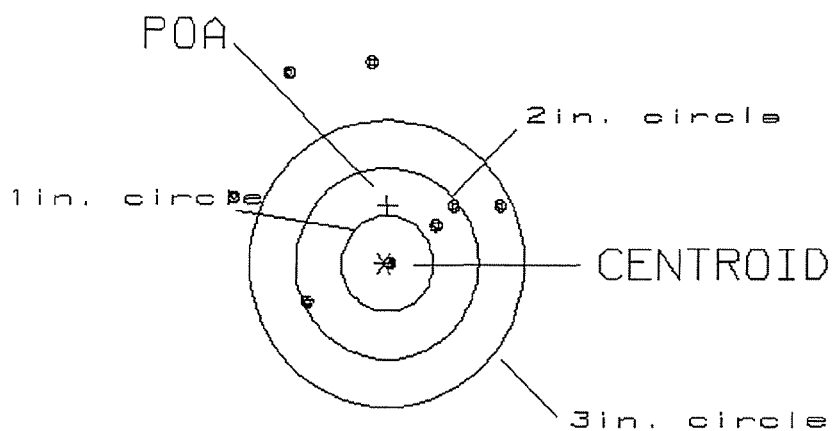
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .604
 MIN RADIUS : .033
 MEAN RADIUS : 1.648
 MAX RADIUS : 3.598
 CENTROID X : -.030
 CENTROID Y : -.603

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.19

1

VS= 5.36

3

GS= 5.85

5

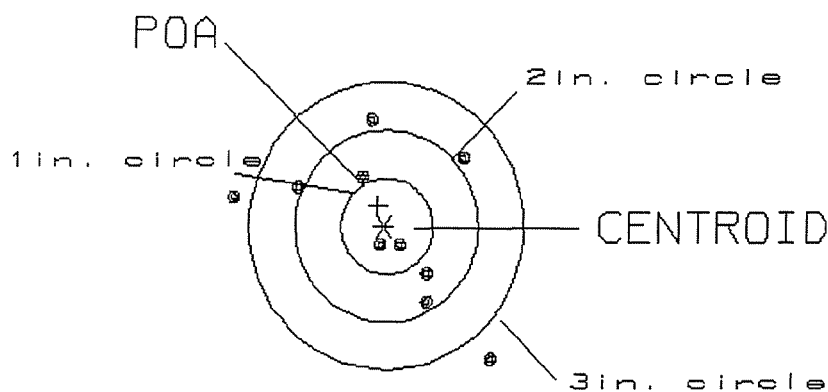
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .221
 MIN RADIUS : .220
 MEAN RADIUS : .939
 MAX RADIUS : 1.793
 CENTROID X : .066
 CENTROID Y : -.211

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.74

2

VS= 2.48

5

GS= 3.23

8

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .297

MIN RADIUS : .212

MEAN RADIUS : 1.194

MAX RADIUS : 2.267

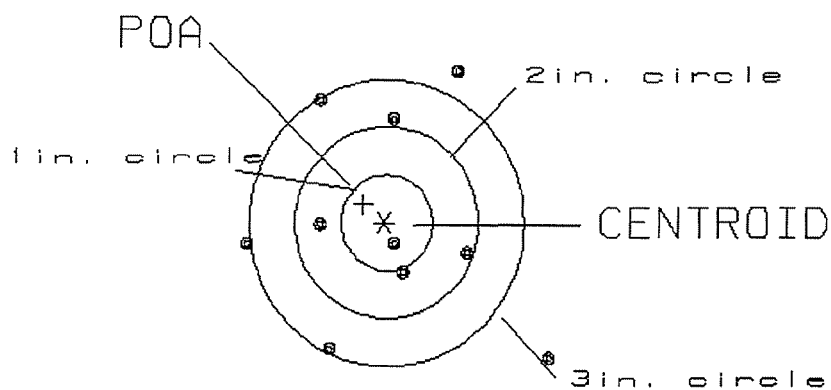
CENTROID X : .229

CENTROID Y : -.189

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225339

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.33

1

VS= 2.97

4

GS= 3.64

7

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225339

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	6-14-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6-16-99	RW
605	CHECK HEADSPACE	6-16-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	6-16-99	
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-7-99	RW
655	FINAL INSPECT	9-10-99	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225339

DATE REC'D: 6-9-99

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☐ SCOPE☐ SCOPE RINGS☐ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: _____

88299

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225339*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>1/22</i>	<i>FB</i>
600	PROOF	<i>1/28/88</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>P/C</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>P/C</i>
620	COATING	<i>8/11/88</i>	<i>TJA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1239

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225339

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/1/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/1/88	RW
	C) Inspect Ejector Hole for Chamfer		9/1/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/1/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		29 Aug 88	J.U. + J.S.
	F) Safety on Force	5 4.5 5	29 Aug 88	J.U. + J.S.
	G) Safety off Force	3.75 3.75 3.75	29 Aug 88	J.U. + J.S.
	H) Trigger Pull Test & Retainability		29 Aug 88	J.U. + J.S.
	I) Firing Pin Indent	.023 .0225 .023	29 Aug 88	J.U. + J.S.
	J) Assemble Stock		9/1/88	RW
	K) Assemble Swivel Studs		10-14-88	J.U.
	L) Attach Front & Rear Sight Assemblies		9/1/88	RW
	M) Iron Sight Alignment		9/1/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/1/88	RW
	O) Attach Scope to Rifle		9/12/88	RW
	P) Detach & Attach Scope 20 times		9/12/88	W.B.
640	Gallery Target & Test	73 R 81 L	9/19/88	AC
	A) Optical Clarity of Scope	OK	9/19/88	AC
645	Inspect for Live Ammo	NONE	9/19/88	AC
655	Final Inspection			
	A) Headspace	OK	9/30/88	J.S.
	B) Trigger Pull	OK	9/30/88	J.S.
	C) Function	OK	9/30/88	J.S.
660	Pack		10-21-88	J.S.

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225339
DATE 29 Aug 88
TESTER J. H. + R. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.52	2.87	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.53	2.79	2.65	
PULL #3	2.61	2.58	2.81	2.59	
PULL #4	2.62	2.54	2.78	2.62	
PULL #5	2.73	2.57	2.80	2.62	
TOTAL	13.16	12.74	14.05	13.06	
AVG.	2.632	2.548	2.81	2.61	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.18		
PULL #2	3.19	3.23		
PULL #3	3.18	3.22		
PULL #4	3.19	3.27		
PULL #5	3.19	3.26		
TOTAL	15.90	16.16		
AVG.	3.18	3.232		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.12		4.27
PULL #2	4.19	4.26		4.23
PULL #3	4.26	4.29		4.24
PULL #4	4.26	4.29		4.30
PULL #5	4.24	4.32		4.28
TOTAL	21.17	21.28		21.32
AVG.	4.234	4.256		4.264

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE #: C6225339

CENTROIDAL DISTANCES

Ø TO	1	1.49614
1 TO	2	1.45736
1 TO	3	.765669
1 TO	4	.688151
1 TO	5	1.19779

3 1
25 4
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4174
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .633
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .758229
THE AMR FOR THIS RIFLE IS: 1.107

18 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225333

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.113

VS = 2.873

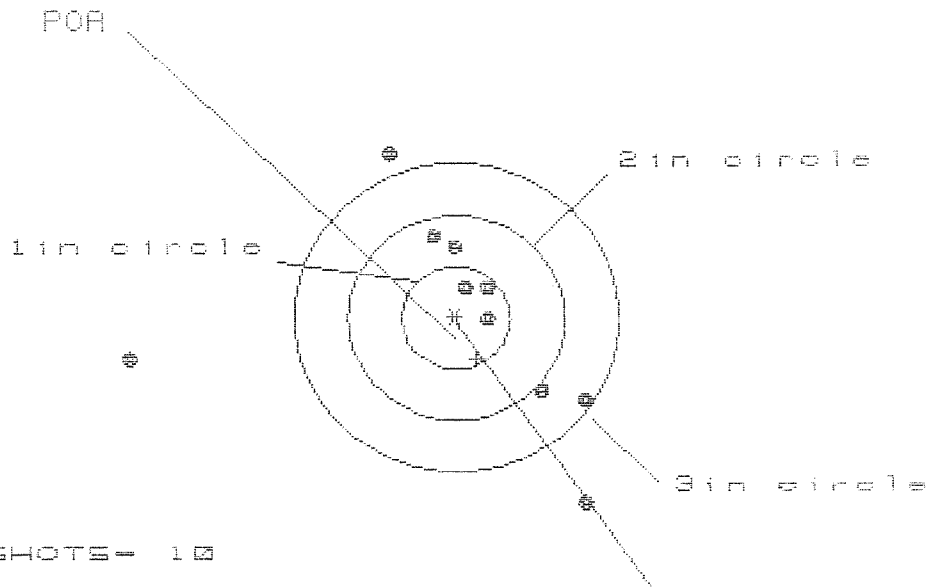
GS = 2.878

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.888	.870	.744
MINIMUM X	-1.313	-1.243	-1.369
MAXIMUM Y	1.896	1.185	.596
MINIMUM Y	-.977	-.766	-.618
CENTROID X	1.168	1.098	1.224
CENTROID Y	.935	.724	.576
POA TO CENTROID in.	1.496	1.316	1.353
MIN RADIUS	.432	.471	.394
MEAN RADIUS	1.034	.903	.792
MAX RADIUS	1.997	1.553	1.398
HORIZONTAL SPREAD	2.113	2.113	2.113
VERTICAL SPREAD	2.873	1.951	1.214
EXTREME SPREAD	2.878	2.785	2.297
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

19 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225338

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 7

HS = 4.2000

VS = 3.365

GS = 4.439

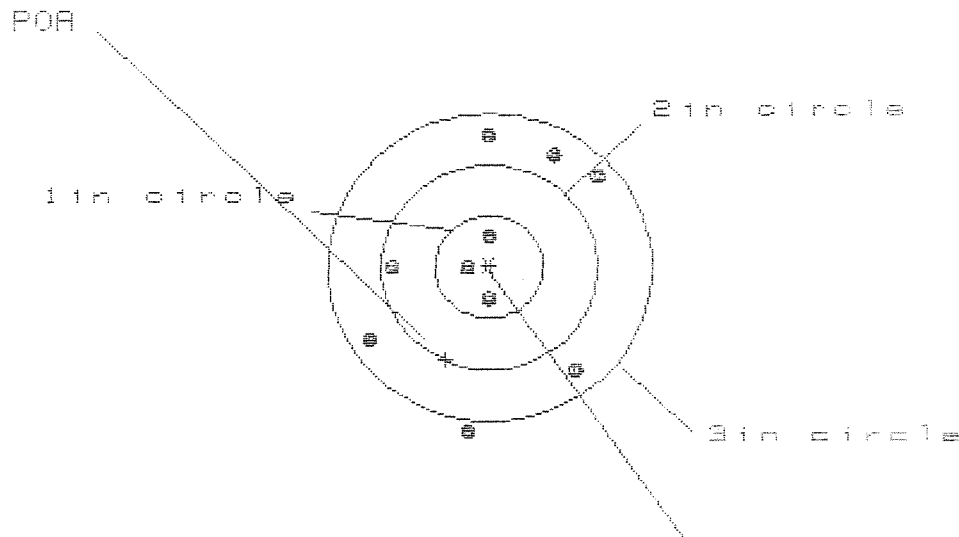
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.205	.870	.978
MINIMUM X	-3.015	-.927	-.819
MAXIMUM Y	1.570	1.524	1.294
MINIMUM Y	-1.795	-1.841	-1.060
CENTROID X	-.188	.147	.039
CENTROID Y	.401	.447	.677
POA TO CENTROID in.	.442	.470	.678
MIN RADIUS	.264	.074	.110
MEAN RADIUS	1.193	.919	.735
MAX RADIUS	3.044	2.035	1.532
HORIZONTAL SPREAD	4.220	1.797	1.797
VERTICAL SPREAD	3.365	3.365	2.354
EXTREME SPREAD	4.439	3.814	2.962
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

19 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225333

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 3

HS= 2.078

VS= 2.986

CS= 2.992

CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.003	.986	.987
MINIMUM X	-1.075	-1.092	-1.091
MAXIMUM Y	1.339	1.156	1.083
MINIMUM Y	-1.647	-1.221	-1.077
CENTROID X	.403	.420	.419
CENTROID Y	.903	1.086	.942
POA TO CENTROID in.	.989	1.165	1.031
MIN RADIUS	.255	.129	.266
MEAN RADIUS	.990	.903	.864
MAX RADIUS	1.655	1.445	1.337
HORIZONTAL SPREAD	2.078	2.078	2.078
VERTICAL SPREAD	2.986	2.377	2.160
EXTREME SPREAD	2.992	2.624	2.624
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

19 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225333

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 3.389

VS = 2.488

GS = 3.426

CENTROID *

PATTERN #

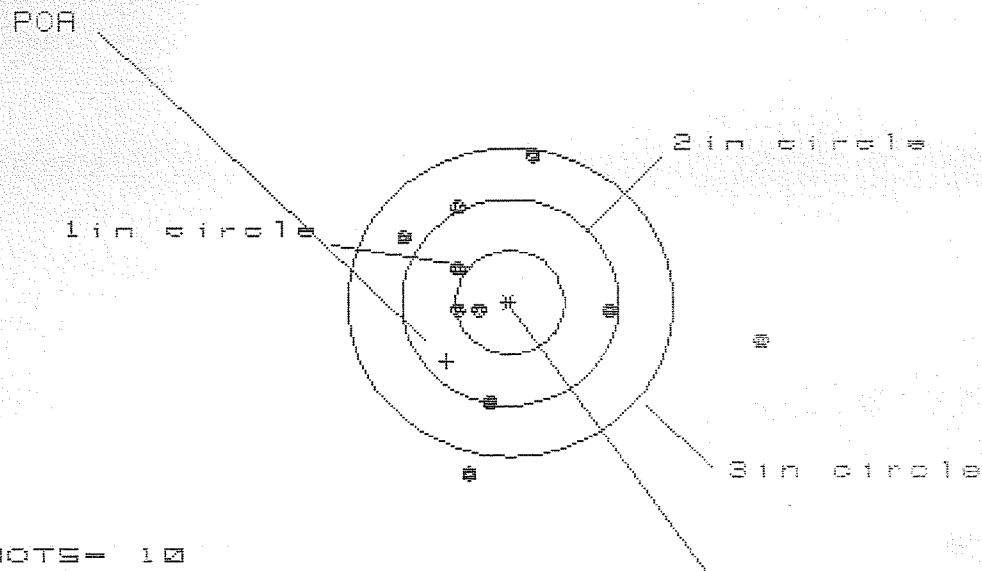
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	.892	.745
MINIMUM X	-2.247	-1.179	-1.149
MAXIMUM Y	.999	1.055	.876
MINIMUM Y	-1.489	-1.433	-1.404
CENTROID X	.120	.370	.517
CENTROID Y	.355	.299	.478
POA TO CENTROID in.	.374	.476	.705
MIN RADIUS	.397	.565	.452
MEAN RADIUS	1.198	1.044	.892
MAX RADIUS	2.302	1.856	1.578
HORIZONTAL SPREAD	3.389	2.071	1.894
VERTICAL SPREAD	2.488	2.488	2.280
EXTREME SPREAD	3.426	3.237	2.710
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

19 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225339

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.344

VS= 3.159

GS= 3.476

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.332	1.170	1.150
MINIMUM X	:	-1.012	-.753	-.773
MAXIMUM Y	:	1.458	1.417	1.199
MINIMUM Y	:	-1.701	-1.742	-1.238
CENTROID X	:	.584	.325	.345
CENTROID Y	:	.571	.612	.830
POA TO CENTROID in.	:	.817	.693	.898
MIN RADIUS	:	.343	.159	.292
MEAN RADIUS	:	1.120	.904	.800
MAX RADIUS	:	2.360	1.749	1.283
HORIZONTAL SPREAD	:	3.344	1.923	1.923
VERTICAL SPREAD	:	3.159	3.159	2.437
EXTREME SPREAD	:	3.476	3.222	2.476
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS FOR RIFLE # C6225339

CENTROIDAL DISTANCES

Ø TO	1	.825926
1 TO	2	.636553
1 TO	3	.934561
1 TO	4	.748644
1 TO	5	.119854

⊕ 3
⊕
+ <----POA

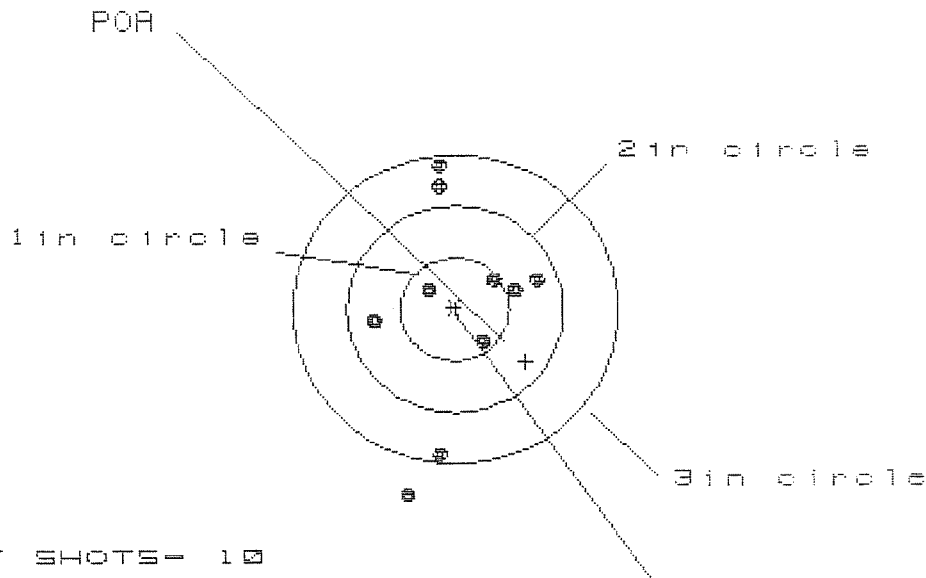
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5782
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9412
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.10461
THE AMR FOR THIS RIFLE IS: 1.024

INTERCHANGEABILITY

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225339.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.516

VS= 3.157

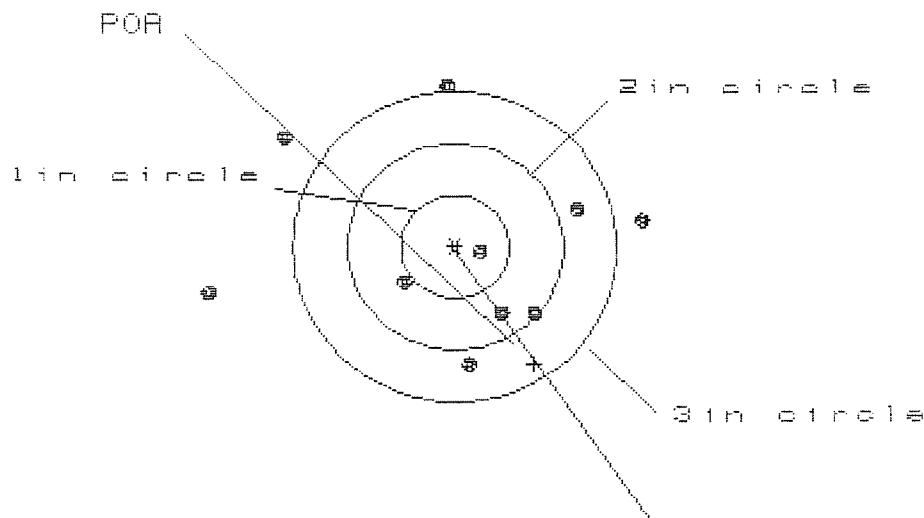
GS= 3.169

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.723	.674	.648
MINIMUM X	-.793	-.842	-.868
MAXIMUM Y	1.392	1.196	1.183
MINIMUM Y	-1.765	-1.559	-1.410
CENTROID X	-.652	-.683	-.577
CENTROID Y	.587	.703	.554
POA TO CENTROID in.	.826	.927	.800
MIN RADIUS	.328	.324	.374
MEAN RADIUS	.928	.801	.743
MAX RADIUS	1.818	1.568	1.423
HORIZONTAL SPREAD	1.516	1.516	1.516
VERTICAL SPREAD	3.157	2.755	2.593
EXTREME SPREAD	3.169	2.755	2.594
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225889.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 3.244

VS = 2.694

GS = 3.997

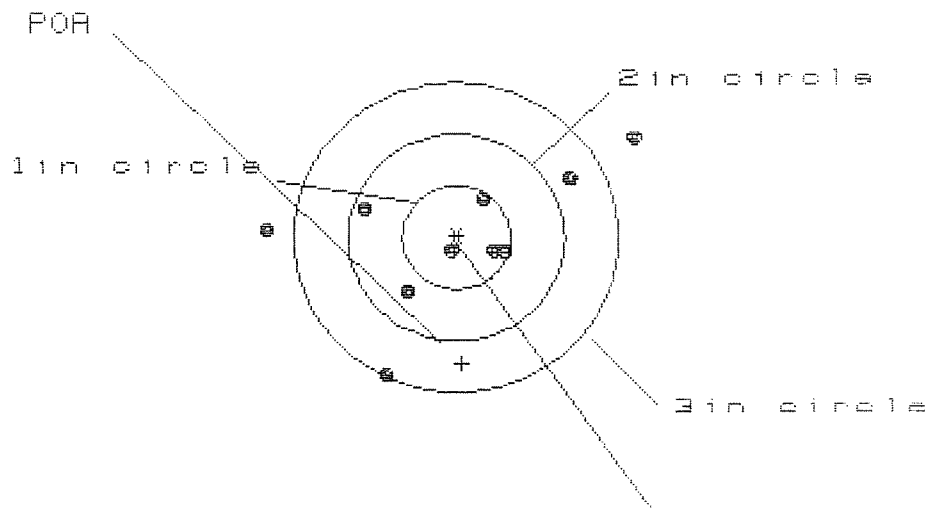
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.708	1.459	1.232
MINIMUM X	:	-2.236	-1.820	-.909
MAXIMUM Y	:	1.569	1.522	1.652
MINIMUM Y	:	-1.125	-1.172	-1.042
CENTROID X	:	-.728	-.479	-.252
CENTROID Y	:	1.139	1.186	1.056
POA TO CENTROID in.	:	1.352	1.279	1.086
MIN RADIUS	:	.250	.076	.234
MEAN RADIUS	:	1.231	1.070	.906
MAX RADIUS	:	2.275	2.092	1.736
HORIZONTAL SPREAD	:	3.944	3.279	2.141
VERTICAL SPREAD	:	2.694	2.694	2.694
EXTREME SPREAD	:	3.997	3.387	2.699
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225333.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 7

HS= 3.371

VS= 2.339

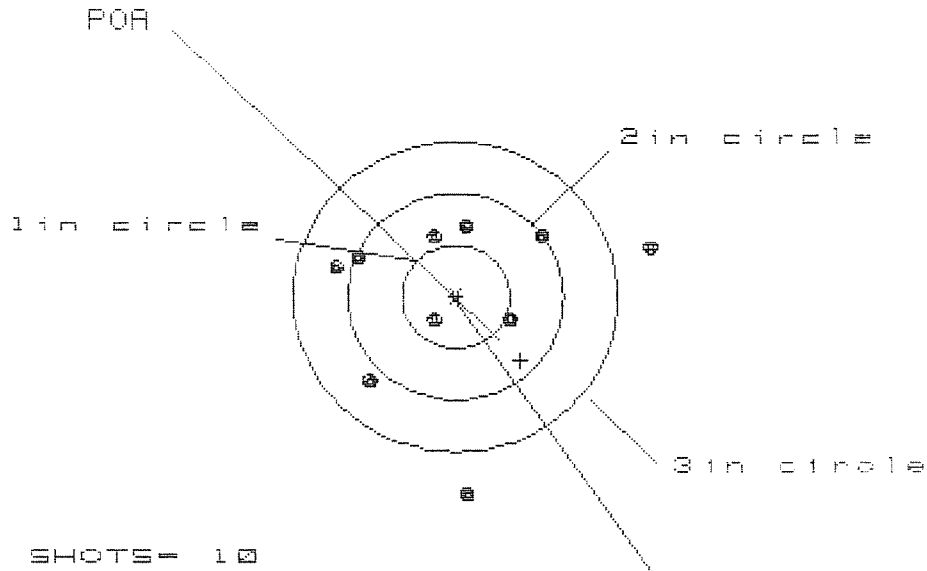
GS= 3.477

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.666	1.269	1.079
MINIMUM X	:	-1.705	-1.520	-.881
MAXIMUM Y	:	.979	.683	.713
MINIMUM Y	:	-1.360	-1.252	-1.222
CENTROID X	:	-.049	-.234	-.044
CENTROID Y	:	1.221	1.113	1.083
POA TO CENTROID in.	:	1.222	1.137	1.084
MIN RADIUS	:	.143	.102	.091
MEAN RADIUS	:	.941	.831	.708
MAX RADIUS	:	1.932	1.538	1.381
HORIZONTAL SPREAD	:	3.371	2.789	1.960
VERTICAL SPREAD	:	2.339	1.935	1.935
EXTREME SPREAD	:	3.477	2.825	2.590
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225339.1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 2.9000

VS = 2.579

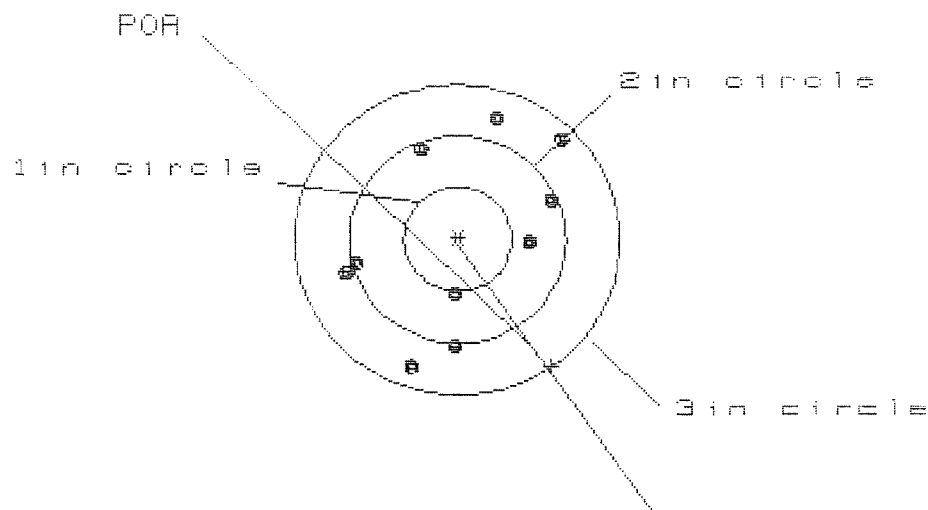
CS = 2.971

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.777	1.784	1.856
MINIMUM X	:	-1.123	-1.116	-.893
MAXIMUM Y	:	.666	.453	.491
MINIMUM Y	:	-1.913	-1.008	-.970
CENTROID X	:	-.598	-.605	-.828
CENTROID Y	:	.614	.827	.789
POA TO CENTROID in.	:	.857	1.025	1.144
MIN RADIUS	:	.264	.435	.373
MEAN RADIUS	:	1.019	.896	.762
MAX RADIUS	:	1.915	1.809	1.145
HORIZONTAL SPREAD	:	2.900	2.900	1.949
VERTICAL SPREAD	:	2.579	1.461	1.461
EXTREME SPREAD	:	2.971	2.907	2.154
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225339.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 10

HS = 1.963

VS = 2.364

GS = 2.564

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.922	.983	.939
MINIMUM X	:	-1.041	-.938	-.982
MAXIMUM Y	:	1.164	1.271	1.135
MINIMUM Y	:	-1.200	-1.093	-1.104
CENTROID X	:	-.864	-.967	-.923
CENTROID Y	:	1.225	1.118	1.254
POA TO CENTROID in.	:	1.499	1.478	1.557
MIN RADIUS	:	.490	.377	.513
MEAN RADIUS	:	1.003	.950	.927
MAX RADIUS	:	1.334	1.369	1.226
HORIZONTAL SPREAD	:	1.963	1.921	1.921
VERTICAL SPREAD	:	2.364	2.364	2.239
EXTREME SPREAD	:	2.564	2.516	2.280
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	