

1
G 6738640
Replaces
C 6225164

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: RE00147675

Serial: C6225164 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/17/2008 6:22:59 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: PBO 1/75 RANGER REGIMENT

PBO 1/75 RANGER REGIMENT

Address 1: ATTN: W01 CURTIS B MATHIS

ATTN: W01 CURTIS B MATHIS

Address 2: 1036 LIBERATOR RD

PO Box:

1036 LIBERATOR RD

PO Box:

City: HUNTER AAF

HUNTER AAF

State: GA

Zip Code: 31409

Country: US

State: GA

Zip Code: 31409

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

naglatj

7/17/2008

8:09 AM

CAPS

NUM

INS

SCRL



8:09 AM

66738640 (New)

C6225164 Reset

Model: M24 SWS

RE00147675

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE20-02-C-0149

R & E NUMBER

147625

SERIAL NUMBER

C6225102

LOG-IN DATE

7-16-08

G6738640 (New)

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-25-08	RTZ
505	RE-BARREL	9-30-08	RTZ
560	ASSEMBLE	9-30-08	RTZ
600	PROOF	10-2-08	SPD
605	CHECK HEADSPACE	10-2-08	SPD
610	DIS-ASSEMBLE GUN	10-2-08	SPD
612	MAGNAFLUX	10/8/08	RT
510	DRILL AND TAP	10-6-08	SP
615	ROLLMARK CALIBER	10/8/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-11	
625	FINAL ASSEMBLY	10-15-08	RTZ
640	FUNCTION TEST AND	10-16-08	SP
650	TARGET	10-16-08	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-16-08	TL
	A) HEADSPACE	10-16-08	TL
	B) TRIGGER PULL	2.50 2.49 2.53 2.56 2.57	10-17-08 TL
680	F) SAFETY ON FORCE	4.0 4.0 4.5	10-21-08 SP
	G) SAFETY OFF FORCE	6.0 6.0 5.0	10-21-08 SP
	I) FIRING PIN INDENT	.020 .021 .021	10-21-08 SP
690	PACK	10/22/08	FM

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

1. 25 LBS: 116.1 LBS

2. 25 LBS: 116.1 LBS

3. 25 LBS: 116.1 LBS

DATE

9-23-08

TESTER

TAE

	25 LBS INITIAL	25 LBS AFTER 5 CYCLES	FINAL TEST & TO RESET 25 LBS		COMMENTS
PULL #1	272	232		236	
PULL #2	266	243		236	
PULL #3	265	238		227	
PULL #4	263	230		232	
PULL #5	262	224		220	
TOTAL	1328	1167		1151	
AVERAGE	265	233		230	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	333	341		
PULL #2	330	340		
PULL #3	308	339		
PULL #4	331	338		
PULL #5	353	337		
TOTAL	1702	1693		
AVERAGE	340	338		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	409	452		455
PULL #2	452	450		468
PULL #3	442	446		430
PULL #4	449	455		418
PULL #5	439	460		433
TOTAL	2191	2263		2204
AVERAGE	438	452		440

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6738640.___0
FILE DATE AND TIME: 10/17/2008 05:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

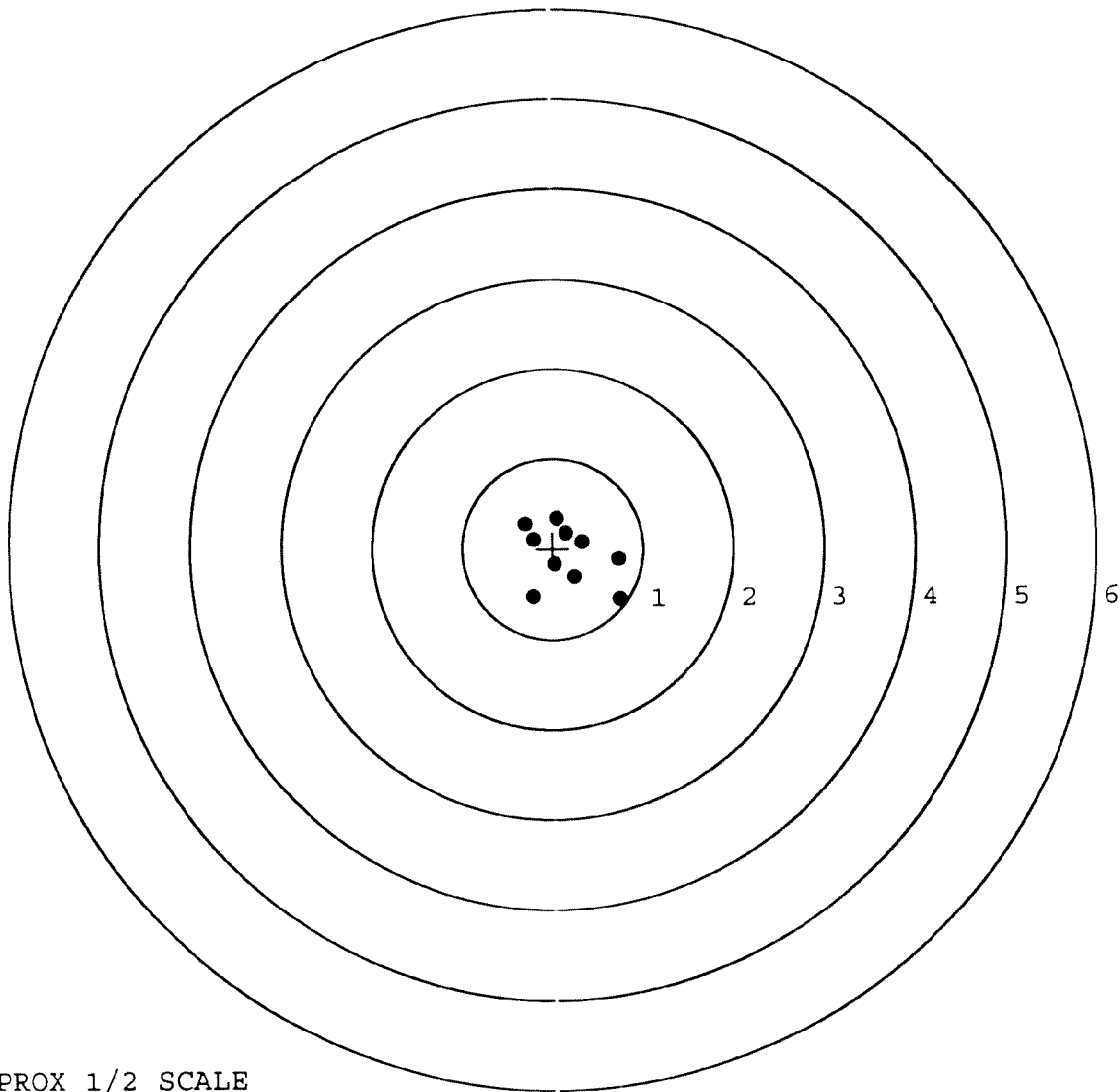
The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	-0.187
The Average Point of Impact of the Five Target Set:	0.192
The Average Mean Radius of the Five Target Set:	0.534
The Distance from POA to Centroid Target #1:	0.168
The Distance from Centroid Target #2 to Centroid Target #1:	0.065
The Distance from Centroid Target #3 to Centroid Target #1:	0.291
The Distance from Centroid Target #4 to Centroid Target #1:	0.221
The Distance from Centroid Target #5 to Centroid Target #1:	0.245

BARBER - M24 0001588

SERIAL NUMBER: G6738640. __0
 TARGET NUMBER: 1
 FILE DATE: 10/17/2008
 FILE TIME: 05:38

POINT#	X	Y
1:	-0.225	-0.536
2:	0.740	-0.564
3:	0.729	-0.121
4:	0.243	-0.320
5:	0.022	-0.175
6:	-0.218	0.102
7:	-0.309	0.278
8:	0.049	0.335
9:	0.149	0.179
10:	0.329	0.079

X CENTROID: 0.151
 Y CENTROID: -0.074
 POA TO CENTROID: 0.168
 HORZ SPREAD: 1.049
 VERT SPREAD: 0.899
 GROUP SPREAD: 1.345
 MIN RADIUS: 0.164
 MAX RADIUS: 0.766
 MEAN RADIUS: 0.427
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



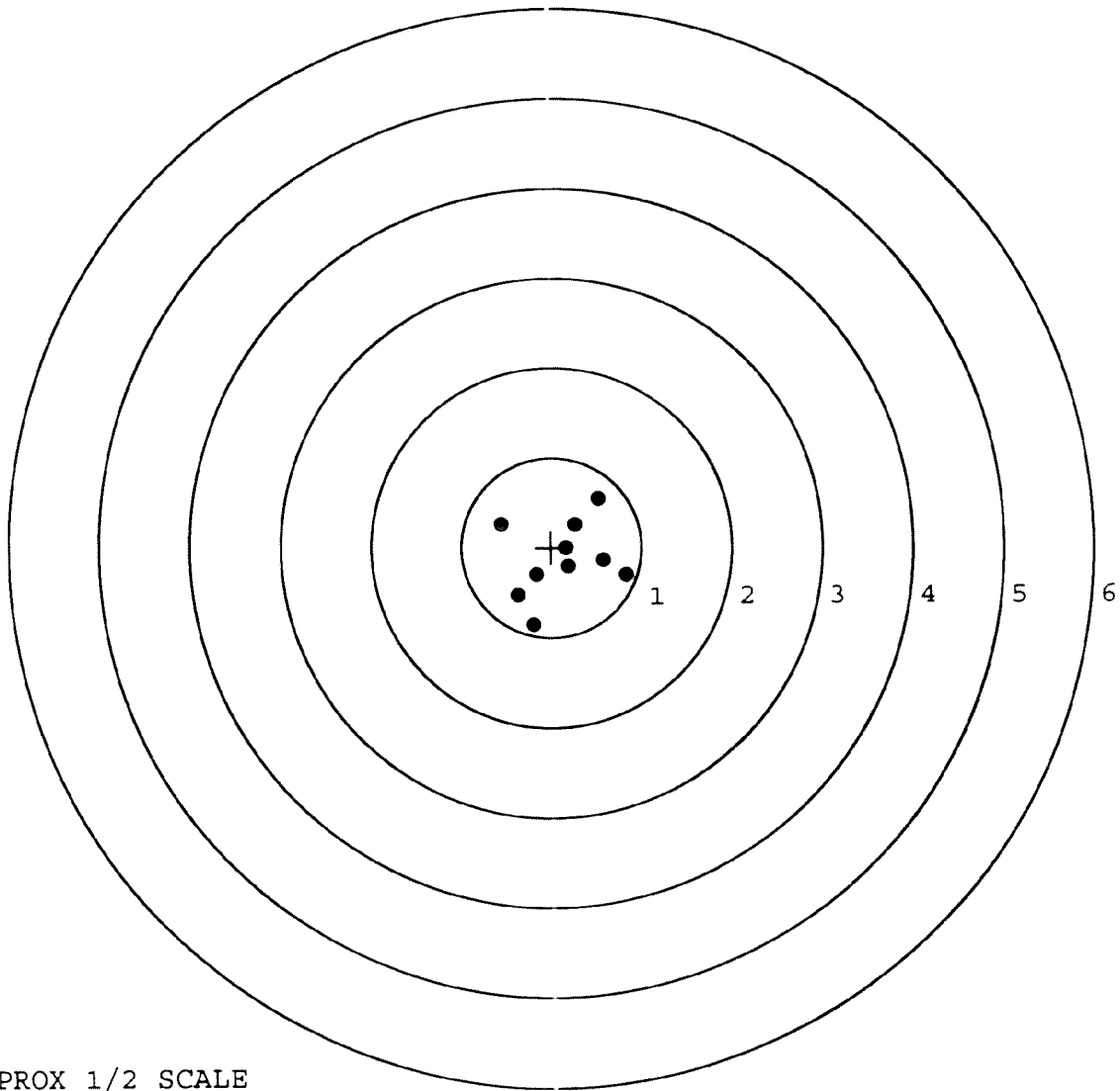
TARGET APPROX 1/2 SCALE

BARBER - M24 0001589

SERIAL NUMBER: G6738640. __0
 TARGET NUMBER: 2
 FILE DATE: 10/17/2008
 FILE TIME: 05:38

POINT#	X	Y
1:	0.526	0.546
2:	-0.555	0.264
3:	-0.204	-0.865
4:	-0.379	-0.538
5:	-0.170	-0.310
6:	0.191	-0.219
7:	0.163	-0.009
8:	0.828	-0.317
9:	0.578	-0.150
10:	0.263	0.259

X CENTROID: 0.124
 Y CENTROID: -0.134
 POA TO CENTROID: 0.183
 HORZ SPREAD: 1.383
 VERT SPREAD: 1.411
 GROUP SPREAD: 1.589
 MIN RADIUS: 0.108
 MAX RADIUS: 0.801
 MEAN RADIUS: 0.520
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



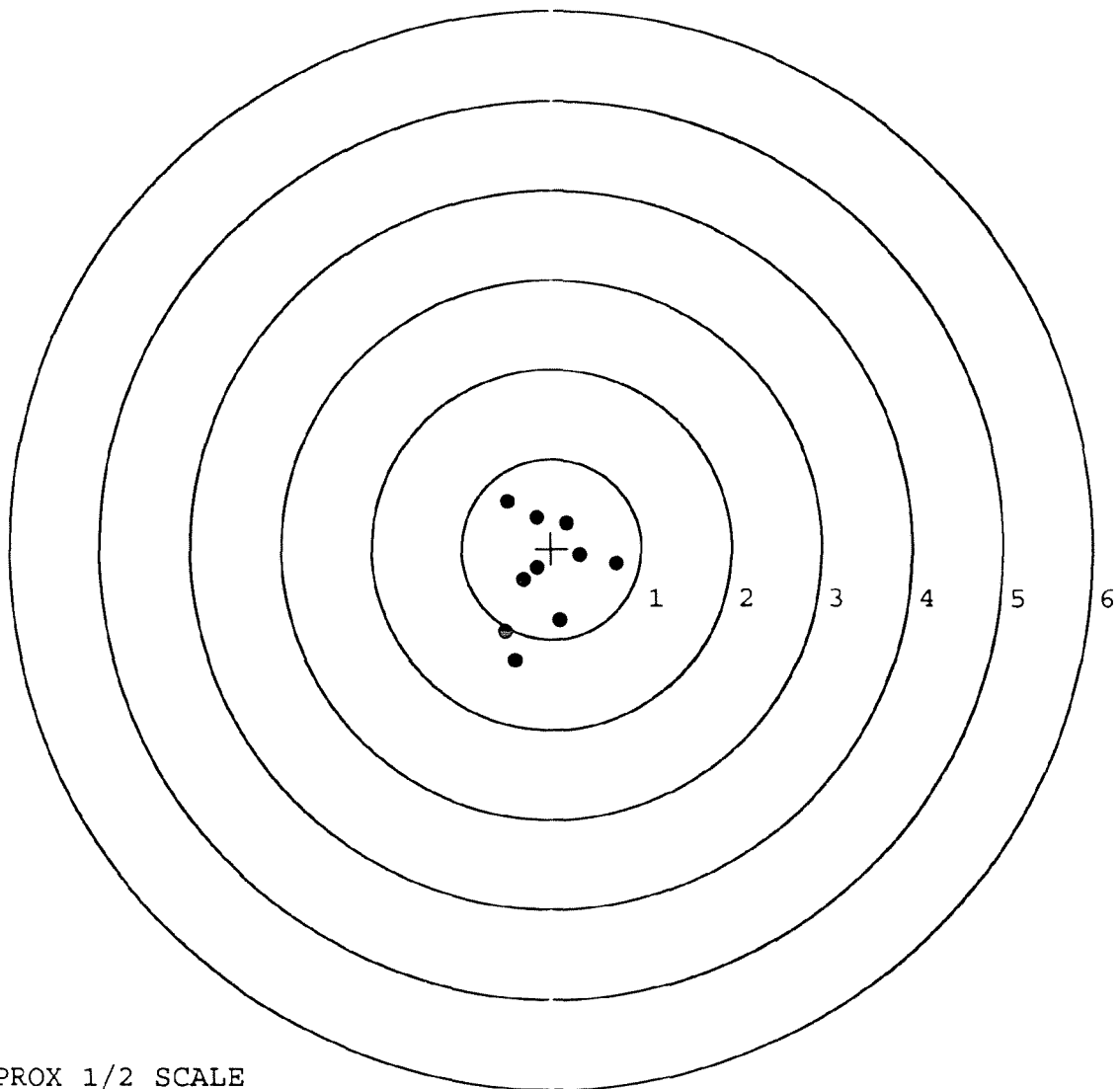
TARGET APPROX 1/2 SCALE

BARBER - M24 0001590

SERIAL NUMBER: G6738640. __ 0
 TARGET NUMBER: 3
 FILE DATE: 10/17/2008
 FILE TIME: 05:38

POINT#	X	Y
1:	-0.408	-1.244
2:	-0.514	-0.923
3:	0.095	-0.797
4:	-0.311	-0.349
5:	-0.157	-0.216
6:	0.325	-0.068
7:	0.728	-0.169
8:	0.167	0.291
9:	-0.161	0.346
10:	-0.490	0.525

X CENTROID: -0.073
 Y CENTROID: -0.260
 POA TO CENTROID: 0.270
 HORZ SPREAD: 1.242
 VERT SPREAD: 1.769
 GROUP SPREAD: 1.771
 MIN RADIUS: 0.095
 MAX RADIUS: 1.039
 MEAN RADIUS: 0.610
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



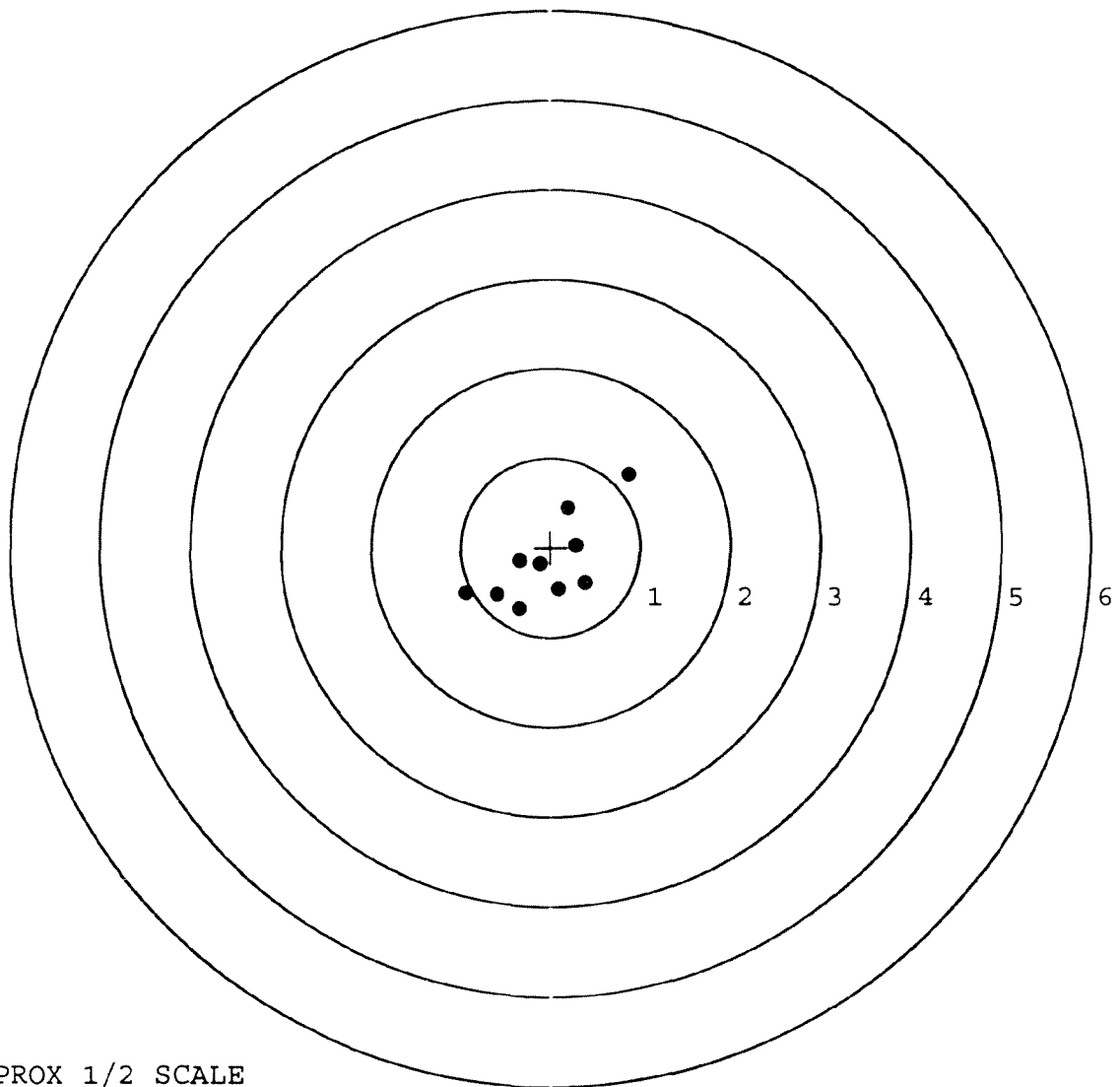
TARGET APPROX 1/2 SCALE

BARBER - M24 0001591

SERIAL NUMBER: G6738640. __0
 TARGET NUMBER: 4
 FILE DATE: 10/17/2008
 FILE TIME: 05:38

POINT#	X	Y
1:	0.876	0.813
2:	0.195	0.442
3:	0.286	0.026
4:	0.391	-0.399
5:	0.096	-0.464
6:	-0.122	-0.184
7:	-0.346	-0.148
8:	-0.353	-0.682
9:	-0.597	-0.527
10:	-0.941	-0.515

X CENTROID: -0.051
 Y CENTROID: -0.164
 POA TO CENTROID: 0.172
 HORZ SPREAD: 1.817
 VERT SPREAD: 1.495
 GROUP SPREAD: 2.251
 MIN RADIUS: 0.073
 MAX RADIUS: 1.347
 MEAN RADIUS: 0.580
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



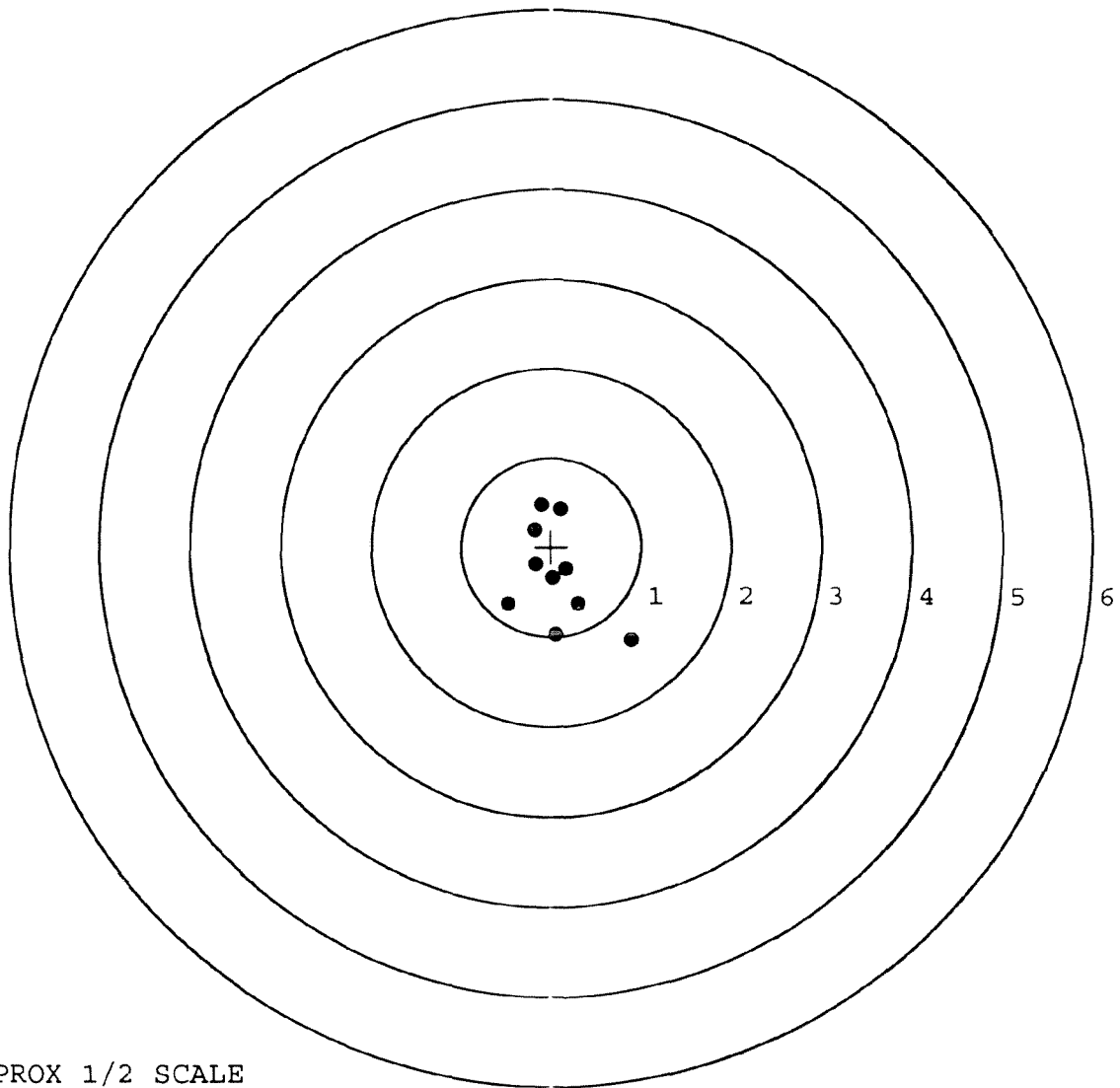
TARGET APPROX 1/2 SCALE

BARBER - M24 0001592

SERIAL NUMBER: G6738640. __0
 TARGET NUMBER: 5
 FILE DATE: 10/17/2008
 FILE TIME: 05:38

POINT#	X	Y
1:	0.887	-1.044
2:	0.058	-0.986
3:	-0.477	-0.643
4:	0.305	-0.634
5:	0.169	-0.251
6:	0.025	-0.352
7:	-0.172	-0.200
8:	-0.185	0.191
9:	-0.112	0.472
10:	0.111	0.423

X CENTROID: 0.061
 Y CENTROID: -0.302
 POA TO CENTROID: 0.308
 HORZ SPREAD: 1.364
 VERT SPREAD: 1.516
 GROUP SPREAD: 1.816
 MIN RADIUS: 0.061
 MAX RADIUS: 1.110
 MEAN RADIUS: 0.535
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING BARBER M24 0001632

COMMENTS

ORDER
R 93-25378

INITIAL CUSTOMER ORDER NO.

M-24 W/ULTRA 10X-M3A SCOPE & BI POD
ATTN: FRED MARTIN

FPS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/23/93

11/23/93

DI 9-88

C6225164

700 7.62

NATO

ACCESSORIES

HARD CASE

W/STUDS

SCOPE MNTS

SCOPE BASE

FROM:

DEPT. OF THE ARMY
A CO. 1/75 RGR REGT
HAAF

GA 31409

SHIP TO:

DEPT. OF THE ARMY
A CO. 1/75 RGR REGT
HAAFGA
31409

CUST NO: 087736 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. 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

Barrel is Not Free Floating

PARTS

COMMENTS

Barrel Assy - 96002

Re-Zinc - Scope Base, Scope Rings &
Survival Studs.
Re-powder Coat - Floor plate, latch,
Trigger Guard, Front & Rear
Sight Bases.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0001632

USE TYPEWRITER OR BALL POINT PEN
PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

DOC IDENT		ROUT IDENT		FSC		NIN		ADD		UNIT OF ISSUE		QUANTITY		ACQUISITIONER		DATE		SERIAL		ISSUING SUPPLEMENTARY ADDRESS		FUND		DISTRIBUTION		PROJECT		PRICING		REQ DEL DATE		ADV STAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="10">EDITING DATA</th> <th colspan="2">DOC IDENT</th> <th colspan="2">ROUTING IDENTIFIER</th> <th colspan="2">M</th> <th colspan="10">STOCK NUMBER</th> <th colspan="2">UNIT OF ISSUE</th> <th colspan="2">QUANTITY</th> </tr> <tr> <td colspan="2">DOC IDENT</td> <td colspan="2">RQ - TO</td> <td colspan="2">LSUP</td> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> </tr> <tr> <td colspan="2">1</td> <td colspan="2">2</td> <td colspan="2">3</td> <td colspan="2">4</td> <td colspan="2">5</td> <td colspan="2">6</td> <td colspan="2">7</td> <td colspan="2">8</td> <td colspan="2">9</td> <td colspan="2">10</td> <td colspan="2">11</td> <td colspan="2">12</td> <td colspan="2">13</td> <td colspan="2">14</td> <td colspan="2">15</td> <td colspan="2">16</td> <td colspan="2">17</td> </tr> <tr> <td colspan="18">FTE</td> <td colspan="10">K 1005-01-240-2136</td> <td colspan="2">SY 00001</td> </tr> </table>																		EDITING DATA										DOC IDENT		ROUTING IDENTIFIER		M		STOCK NUMBER										UNIT OF ISSUE		QUANTITY		DOC IDENT		RQ - TO		LSUP		1		2		3		4		5		6		7		8		9		10		11		12		13		14		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		FTE																		K 1005-01-240-2136										SY 00001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

BARBER - M24 0061597

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG PD		PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION ACo 175 RGR		B. LOCATION BLDG 126W HAAF GA 31409			C. UNIT IDENT CODE WH3LAO		
2. SERIAL NO. 06225164		3. NOUN NOMENCLATURE M24 SWS		4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)		15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)							
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other		☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other							
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) BARREL IS NOT FREE FLOATING									
B. REMARKS									
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)									
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.					13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.				
23. SUBMITTED BY [Signature]		24. RECEIVED BY							
JULIAN DATE 93319		JULIAN DATE							

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

RECEIPT COPY 1

BARBER MAINTENANCE REQUEST				PAGE NO. <u>1</u>	NO. OF PAGES <u>1</u>	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <u>ACO 175 RGR</u>		B. LOCATION			C. UNIT IDENT CODE		
2. SERIAL NO. <u>C6225164</u>		3. NOUN NOMENCLATURE <u>M24 SWS</u>		4. LINE NO. <u>1</u>		5. MODEL		6. NATIONAL STOCK NUMBER	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
						9C. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <u>BARREL IS NOT FREE FLOATING</u>									
B. REMARKS									
SECTION II - WORK ACCOMPLISHED									
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor			
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE					
									\$
									\$
									\$
									\$
									\$
									\$
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									\$
									\$
									\$
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST		K. TOTAL PARTS COST		
					\$		\$		
21. DELAY (Select One) ☐ 1 Paris ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools									
22. Date Transcribed									
23. SUBMITTED BY <u>[Signature]</u>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
JULIAN DATE <u>9339</u>		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One)									
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged									

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 M24099901638

BARBER - M24 0001600

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225164
27 Oct 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0238

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0124

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0268365

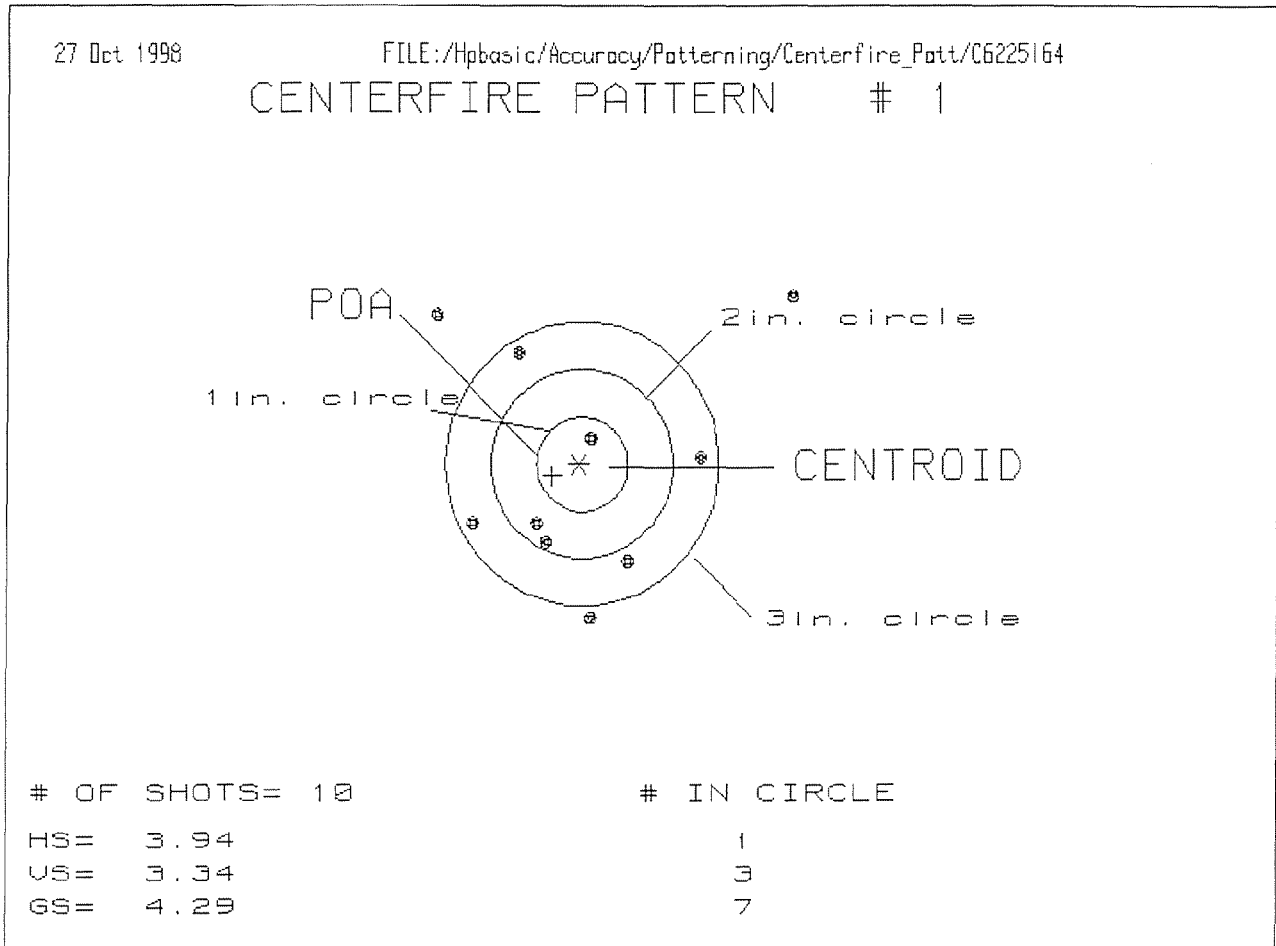
THE AMR FOR THIS RIFLE IS: 1.134

CENTROIDAL DISTANCES

Ø TO	1	.323934
1 TO	2	.376183
1 TO	3	.408187
1 TO	4	.331435
1 TO	5	.629222

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

PATTERN #: 010
 POA TO CENTROID: .324
 MIN RADIUS : .298
 MEAN RADIUS : 1.411
 MAX RADIUS : ~~2.930~~
 CENTROID X : .298
 CENTROID Y : .127

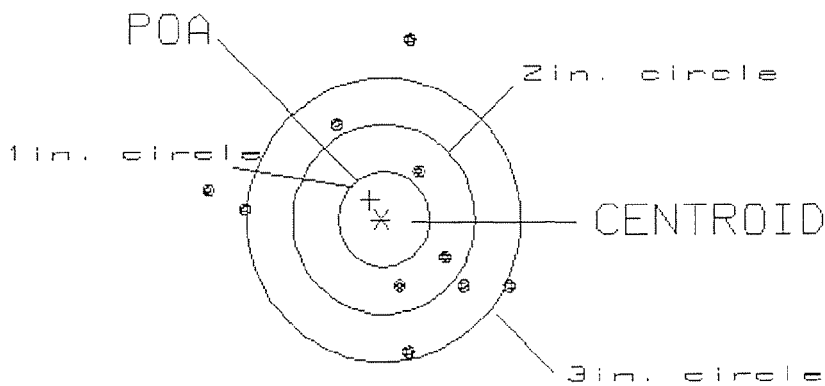


PATTERN #: 2
 POA TO CENTROID: .240
 MIN RADIUS : .626
 MEAN RADIUS : 1.270
 MAX RADIUS : 1.996
 CENTROID X : .123
 CENTROID Y : -.206

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225164

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.35

0

VS= 3.28

3

GS= 3.49

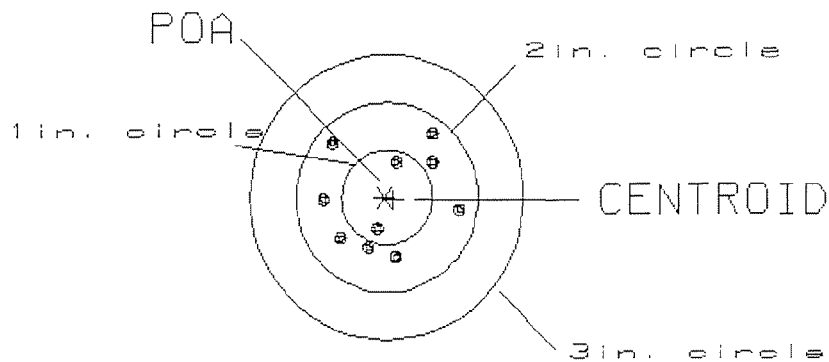
6

PATTERN #: 3
 POA TO CENTROID: .102
 MIN RADIUS : .310
 MEAN RADIUS : .640
 MAX RADIUS : .879
 CENTROID X : -.098
 CENTROID Y : .028

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225164

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.51
 VS= 1.35
 GS= 1.56

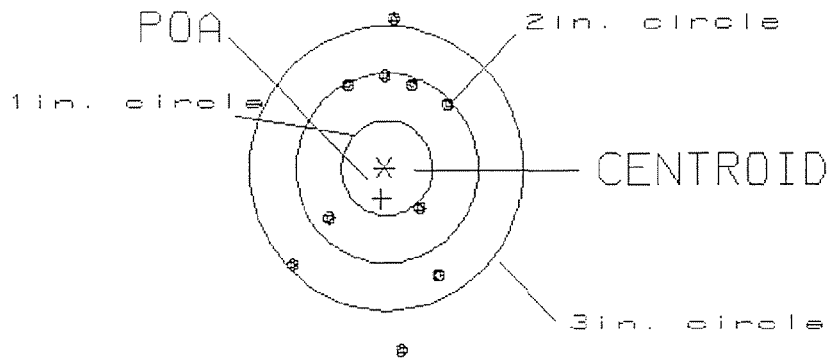
2
 10
 10

PATTERN #: 4
 POA TO CENTROID: .323
 MIN RADIUS : .518
 MEAN RADIUS : 1.134
 MAX RADIUS : 1.922
 CENTROID X : .030
 CENTROID Y : .322

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/06225164

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.78

0

VS= 3.51

6

GS= 3.51

8

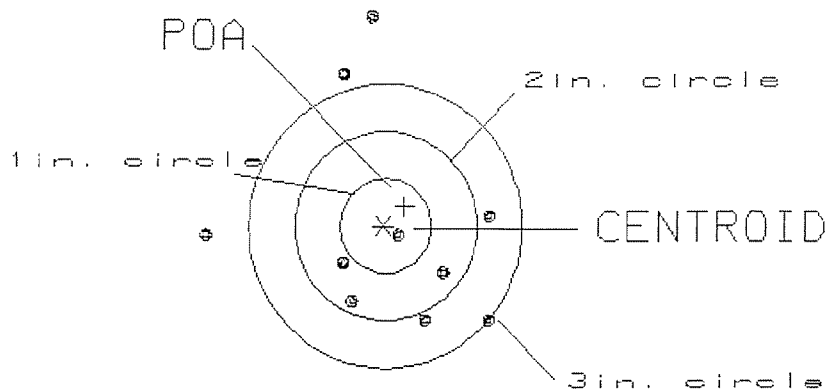
PATTERN #: 5

POA TO CENTROID: .313
 MIN RADIUS : .157
 MEAN RADIUS : 1.214
 MAX RADIUS : 2.217
 CENTROID X : -.234
 CENTROID Y : -.209

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225164

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.11
 VS= 3.23
 GS= 3.44

1
 4
 7

RECEIVED BARBER - M24 0001606

COMMENTS

ORDER

R 98-18187

INITIAL CUSTOMER ORDER NO.

W/BI-POD

SWS

Scope - 1284

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

09/09/98

09/09/98

C6225164

700

7.62

NATO

ACCESSORIES

SCOPE BASE

HARD CASE

FROM:

SHIP TO:

CDR 1/75TH RGR REGT BLDG 1036

ATTN PBO CW3 HUMES

43 LIBERATOR RD SUITE 102

HUNTER AAF

GA 31409

CDR 1/75TH RGR REGT BLDG 1036

ATTN PBO CW3 HUMES

43 LIBERATOR RD SUITE 102

HUNTER AAF

GA

31409

CUST NO: 119494 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. 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

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D1

E1

F1

METAL

C2

D2

E2

F2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD923 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 000160601645

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM: HHC 1/75TH RANGER REGT.		TO: PBO 1/75TH RANGER REGT.		HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER 1005-01-240-2136	END ITEM DESCRIPTION 7.62mm M24 SNIPER WEAPON SYSTEM	PUBLICATION NUMBER TM 9-1005-306-10		PUBLICATION DATE JUNE 1989		QUANTITY 6				
STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
1005012602662	SYSTEM CASE		U	EA	1	6	/				
1005012602663	FOAM, TOP		U	EA	1	6	1				
1005012602664	FOAM, BOTTOM		U	EA	1	6	1				
1005012622818	SOFT RIFLE CARRYING CASE		U	EA	1	0	0				
1005007141245	SLING, SMALL ARMS		U	EA	1	0	0				
1005012602665	BIPOD(OPTIONAL)		U	EA	1	6	1				
1005012602647	DEPLOYMENT CASE		U	EA	1	0	0				
1005012602666	DAY OPTIC SIGHT CASE		U	EA	1	0	0				
NSN	DEPLYMENT KIT		U	KT	1	0	0				
NSN	FRONT SIGHT		U	EA	1	0	0				
NSN	REAR SIGHT		U	EA	1	0	0				
NSN	DAY OPTIC SIGHT SN # 881268, 881280, 881284, 881290, 881202, 881294		U	EA	1	6	1				
1001012402136	RIFLE SN # C6225098, C6225114, C6225164, C6225283, C6225368, C6225260		U	EA	1	6	1				

* WHEN USED AS A:
 HAND RECEIPT, enter Hand Receipt Annex Number
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

BARBER - M24 ~~0081689~~ M2400001648

RECEIVING BARBER M24 0001649

COMMENTS

ORDER
REGISTRY REF MAIL
R92-07513

INITIAL
JJM

CUSTOMER ORDER NO.

W/10X SCOPE
M-24

DATE RECEIVED
03/16/92

DATE OPENED
03/16/92

DATE CODE
DI 9-88

SERIAL NUMBER
C6225164

NEW SERIAL NUMBER

MODEL AND GRADE
700 07.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

HARD CASE

FROM: CDR, 1ST BN 75TH RANGER REGT
ATTN CPT CHINN
ADRG-FB-ACD
HAAF
GA 31409

SHIP TO: CDR, 1ST BN 75TH RANGER REGT
ATTN CPT CHINN
ADRG-FB-ACD
HAAF
GA 31409

CUST NO: 059608 CLOD

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐ CLEAN/TEST

PROM. DATE

ESTIMATED

VIA
UPS

GUN CONDITION
☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE

REPAIR CHARGE
EXCISE
TAX
INSURANCE
UPS
PARCEL POST
TOTAL \$ 5.50

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

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

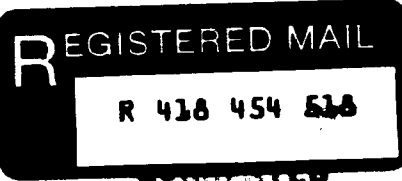
DEPARTMENT OF THE ARMY

CDR, 1st Bn 75th RANGER REGT
ATTN: CPT CHINN
AORG-FB-Aco
HAAF, GA 31409

5#

OFFICIAL BUSINESS

REMINGTON ARMS CO, INC.
ATTN: CUSTOM SHOP
14 HOEFLER AVENUE
LLION, N.Y. 13357



DA Label 18, Mar 83
Edition of Apr 89 will be used until exhausted.

Hunter Army Air Field
A Co 1/15-

Port 5052
Gun 5164
(912) 352-6350

H-24

CONTRACT # DAAA21-87-C-0086

1784

GUN SERIAL # C6225164

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	PJC.
	Magnaflux Bolt		9-14-88	PJC.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/2/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		4 NOV 88	JSJ
	F) Safety on Force	5 : 5 : 5	8 NOV 88	JSJ
	G) Safety off Force	3 : 3 : 3	8 NOV 88	JSJ
	H) Trigger Pull Test & Retainability		4 NOV 88	JSJ
	I) Firing Pin Indent	.0205 : .0205 : .0205	8 NOV 88	JSJ
	J) Assemble Stock		11/9/88	RW
	K) Attach Front & Rear Sight Assemblies		11/9/88	RW
	L) Iron Sight Alignment		11/9/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/9/88	RW
	N) Attach Scope to Rifle		11/9/88	RW
	O) Detach & Attach Scope 20 times		10 NOV 88	JSJ
640	Gallery Target & Test	52 R 94L	11/10/88	AC
	A) Optical Clarity of Scope	OK	11/10/88	AC
645	Inspect for Live Ammo	NONE	11/10/88	AC
655	Final Inspection A) Headspace		29 NOV 88	JSJ
	B) Trigger Pull	2.50 : 2.50 : 2.49	2.51 : 2.58	JSJ
	C) Function		29 NOV 88	JSJ
	D) Assemble Swivel Studs		29 NOV 88	JSJ
660	Pack		15 Dec 88	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225164DATE 4 Nov 88TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.36	2.49	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.40	2.40	2.50	
PULL #3	2.46	2.39	2.49	2.49	
PULL #4	2.48	2.38	2.44	2.51	
PULL #5	2.46	2.34	2.48	2.58	
TOTAL	12.33	11.87	12.30	12.58	
AVG.	2.466	2.374	2.46	2.516	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.27		
PULL #2	3.29	3.32		
PULL #3	3.31	3.34		
PULL #4	3.30	3.35		
PULL #5	3.27	3.33		
TOTAL	16.49	16.61		
AVG.	3.298	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.09		4.52
PULL #2	4.21	4.19		4.29
PULL #3	4.09	4.19		4.54
PULL #4	4.20	4.20		4.43
PULL #5	4.20	4.23		4.56
TOTAL	20.91	20.90		22.34
AVG.	4.182	4.18		4.468

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225164

CENTROIDAL DISTANCES

0 TO	1	.843774
1 TO	2	1.31986
1 TO	3	1.08828
1 TO	4	.860523
1 TO	5	1.02954

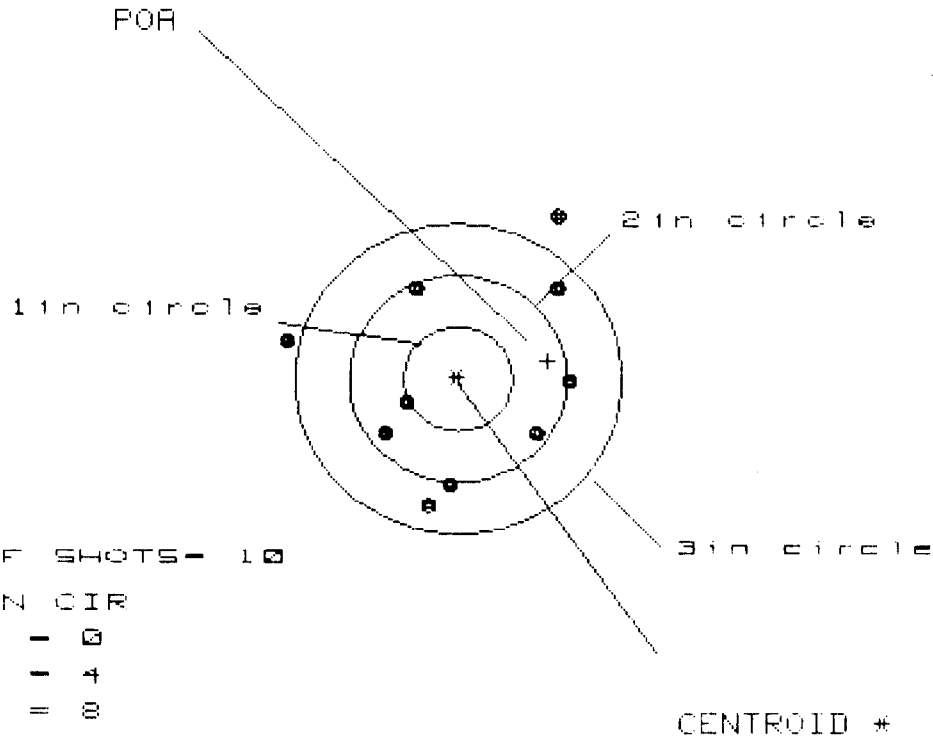
1 ⁶/₁₃₂ <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0378
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .12505
THE AMR FOR THIS RIFLE IS: 1.065

10 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/062251B4

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 4

3 in - 8

HS - 2.581

VS - 2.781

GS - 3.047

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.028	1.131	.949
MINIMUM X	:	-1.553	-1.450	-.747
MAXIMUM Y	:	1.557	1.048	1.112
MINIMUM Y	:	-1.224	-1.051	-.987
CENTROID X	:	-.825	-.928	-.746
CENTROID Y	:	-.177	-.350	-.414
POA TO CENTROID in.	:	.844	.991	.854
MIN RADIUS	:	.574	.424	.600
MEAN RADIUS	:	1.124	1.011	.938
MAX RADIUS	:	1.809	1.540	1.385
HORIZONTAL SPREAD	:	2.581	2.581	1.696
VERTICAL SPREAD	:	2.781	2.099	2.099
EXTREME SPREAD	:	3.047	2.614	2.431
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225164

CENTERFIRE PATTERNS # 2

FOR

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 6

HS = 3.715

VS = 2.448

GS = 4.080

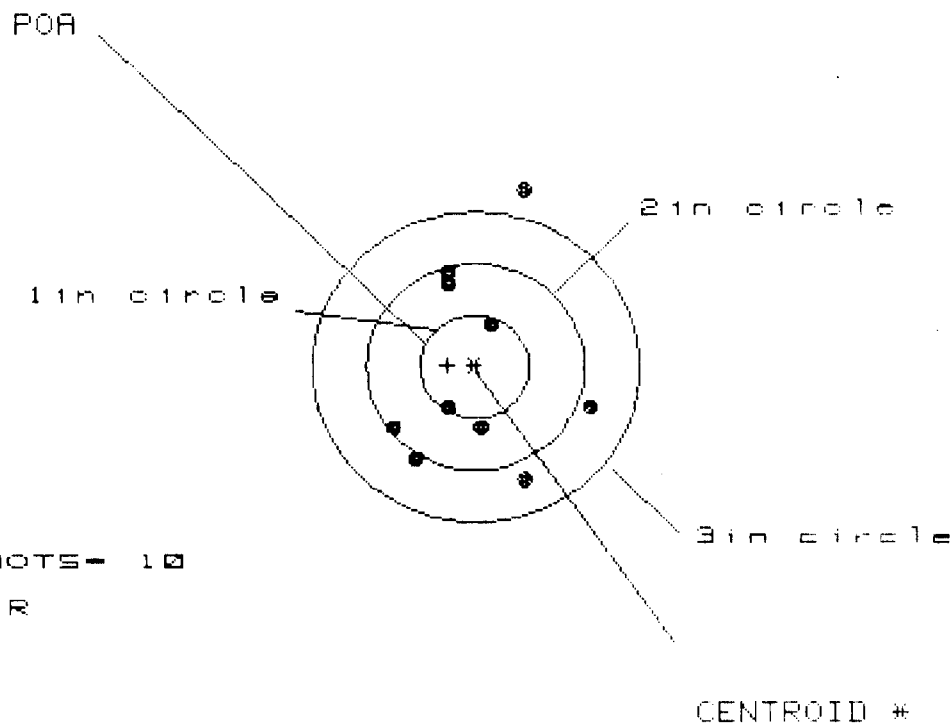
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.498	1.252	1.349
MINIMUM X	:	-2.217	-1.351	-1.194
MAXIMUM Y	:	1.120	1.160	.999
MINIMUM Y	:	-1.328	-1.288	-1.029
CENTROID X	:	.469	.715	.558
CENTROID Y	:	.083	.043	.204
FOR TO CENTROID in.	:	.476	.716	.594
MIN RADIUS	:	.253	.440	.404
MEAN RADIUS	:	1.242	1.131	1.023
MAX RADIUS	:	2.246	1.796	1.696
HORIZONTAL SPREAD	:	3.715	2.603	2.543
VERTICAL SPREAD	:	2.448	2.448	2.028
EXTREME SPREAD	:	4.080	3.505	3.179
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225164

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 1.871

VS = 2.841

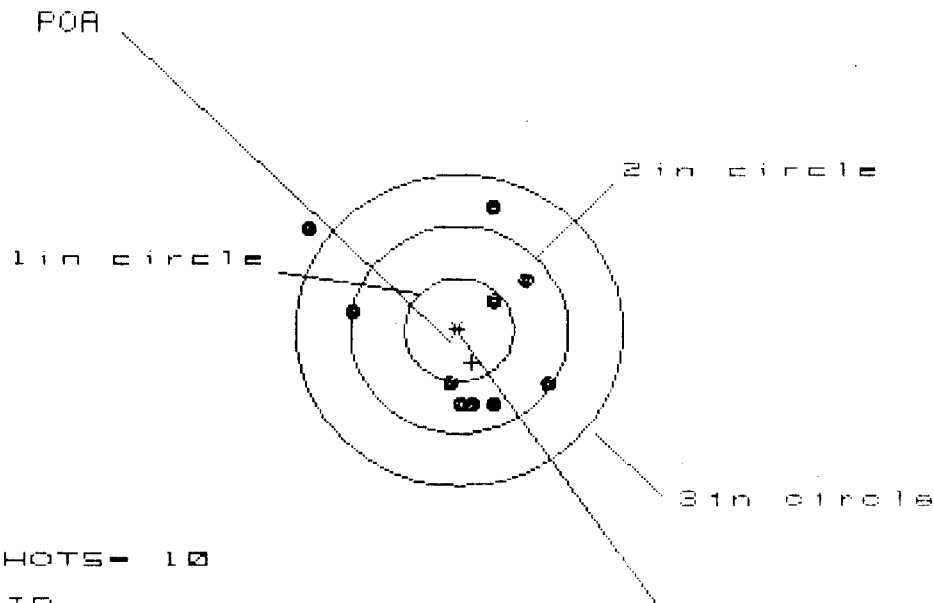
GS = 2.841

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.078	1.127	1.184
MINIMUM X	:	-.793	-.744	-.687
MAXIMUM Y	:	1.729	1.151	1.036
MINIMUM Y	:	-1.112	-.920	-.779
CENTROID X	:	.251	.202	.145
CENTROID Y	:	-.014	-.206	-.091
POA TO CENTROID in.	:	.251	.289	.171
MIN RADIUS	:	.464	.320	.370
MEAN RADIUS	:	.946	.820	.794
MAX RADIUS	:	1.784	1.163	1.225
HORIZONTAL SPREAD	:	1.871	1.871	1.871
VERTICAL SPREAD	:	2.841	2.071	1.815
EXTREME SPREAD	:	2.841	2.164	1.880
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

18 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225164

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS = 2.247

VS = 1.927

GS = 2.703

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.817	.658	.679
MINIMUM X	:	-1.430	-1.134	-1.113
MAXIMUM Y	:	1.174	1.288	.805
MINIMUM Y	:	-.753	-.639	-.478
CENTROID X	:	-.119	.040	.019
CENTROID Y	:	.315	.201	.040
POA TO CENTROID in.	:	.336	.205	.045
MIN RADIUS	:	.433	.420	.356
MEAN RADIUS	:	.893	.754	.646
MAX RADIUS	:	1.756	1.298	1.215
HORIZONTAL SPREAD	:	2.247	1.792	1.792
VERTICAL SPREAD	:	1.927	1.927	1.283
EXTREME SPREAD	:	2.703	1.928	1.922
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	9		

10 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225164

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.525

VS= 2.862

GS= 3.161

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.177	1.158	1.200
MINIMUM X	:	-1.348	-1.367	-1.222
MAXIMUM Y	:	1.806	.999	.892
MINIMUM Y	:	-1.056	-.855	-.662
CENTROID X	:	.035	.054	-.091
CENTROID Y	:	.389	.188	.295
POA TO CENTROID in.	:	.391	.196	.309
MIN RADIUS	:	.688	.609	.671
MEAN RADIUS	:	1.122	1.014	.964
MAX RADIUS	:	1.813	1.589	1.410
HORIZONTAL SPREAD	:	2.525	2.525	2.422
VERTICAL SPREAD	:	2.862	1.854	1.554
EXTREME SPREAD	:	3.161	3.025	2.612
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

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

SERIAL NO. C6295/64DATE 3/24/92TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.54	2.71	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.64	2.65	2.55	
PULL #3	2.53	2.62	2.67	
PULL #4	2.54	2.65	2.61	
PULL #5	2.55	2.63	2.66	
TOTAL	12.80	13.26	12.83	
AVG.	2.56	2.65	2.57	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.21	
PULL #2	3.23	3.32	
PULL #3	3.17	3.27	
PULL #4	3.21	3.27	
PULL #5	3.24	3.29	
TOTAL	16.03	16.36	
AVG.	3.21	3.27	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.12		4.17
PULL #2	4.22	4.08		4.14
PULL #3	4.15	4.10		4.10
PULL #4	4.26	4.23		4.13
PULL #5	4.30	4.10		4.12
TOTAL	21.16	20.63		20.66
AVG.	4.23	4.13		4.13

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225164

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/2/93	RW
600	Proof		12/2/93	RW
607	Check Headspace		12/2/93	RW
610	Dis-assemble Gun		12/2/93	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/8/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/8/93	RW
	C) Inspect Ejector Hole for Chamfer		12/8/93	RW
	D) Oil Firing Pin Ass'y		12/8/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						12/8/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						12/8/93	RW
655	Final Inspection							
	A) Headspace						12/9/93	RW
	B) Trigger Pull	2.34	2.35	2.31	2.28	2.26	12/9/93	RW
	C) Function						12/9/93	RW
660	Pack							

Final Inspection

In: C6225/64 DATE REC'D: 11/23/93 DATE RET'D: 12/10/93
Inspector: 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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225164
10 Dec 1993

CENTROIDAL DISTANCES

0 TO	1	.468943
1 TO	2	.593671
1 TO	3	.835508
1 TO	4	.255
1 TO	5	.834002

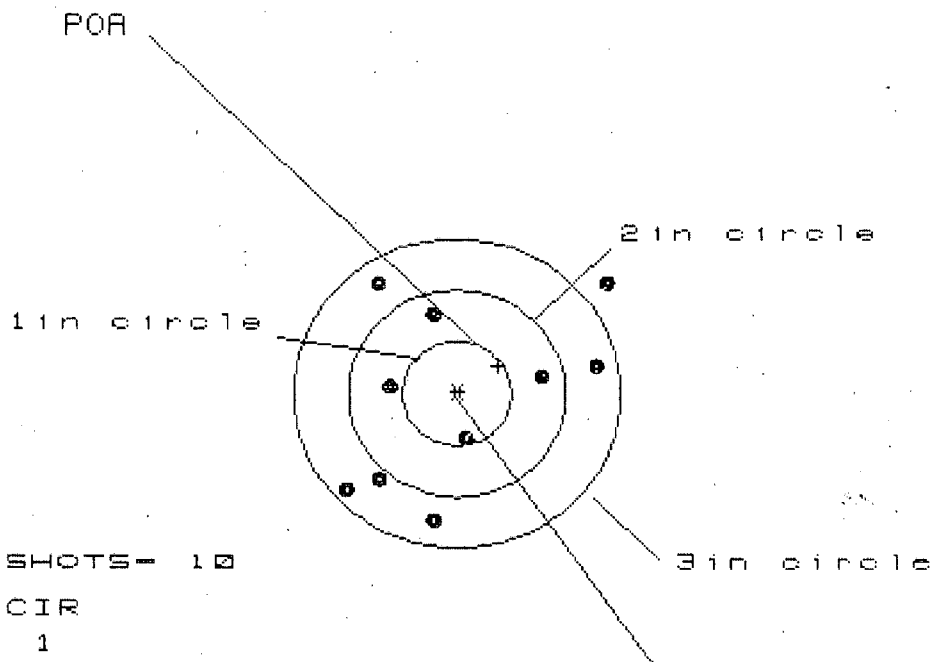
14123 ⁵ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0672
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0652
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0936316
THE AMR FOR THIS RIFLE IS: 1.037

10 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225164

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in - 1

2in - 4

3in = 9

HS = 2.417

VS = 2.368

GS = 3.146

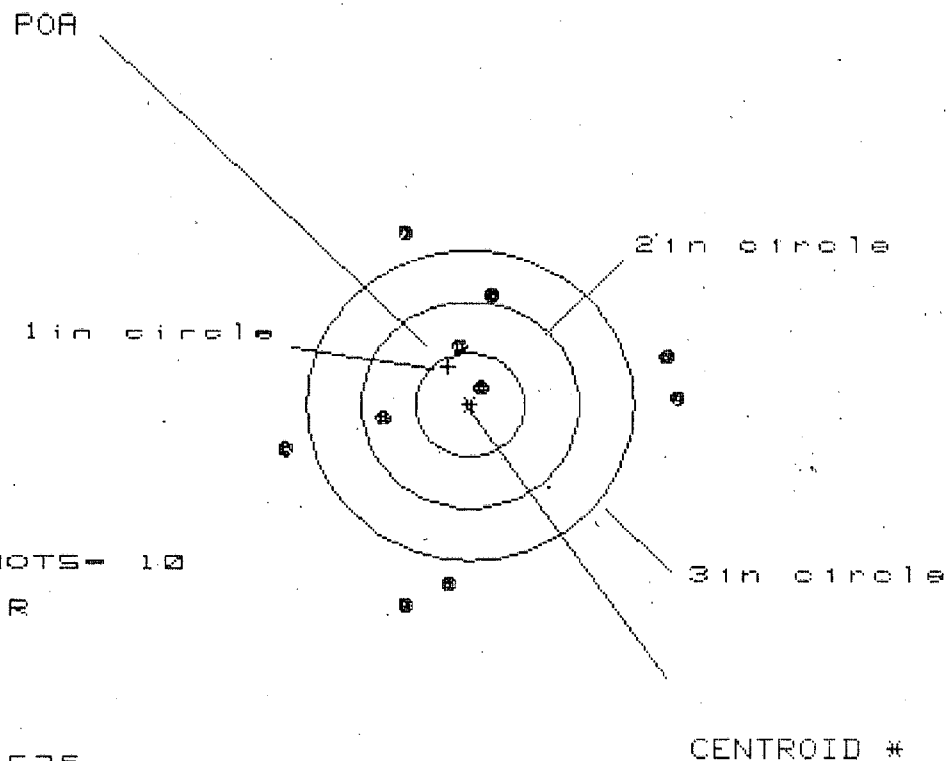
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.357	1.454	1.340
MINIMUM X	-1.060	-.909	-.709
MAXIMUM Y	1.112	1.193	1.096
MINIMUM Y	-1.256	-1.133	-1.230
CENTROID X	-.382	-.533	-.419
CENTROID Y	-.272	-.395	-.298
POA TO CENTROID in.	.469	.664	.514
MIN RADIUS	.405	.378	.394
MEAN RADIUS	1.077	.982	.951
MAX RADIUS	1.754	1.498	1.366
HORIZONTAL SPREAD	2.417	2.363	2.049
VERTICAL SPREAD	2.368	2.326	2.326
EXTREME SPREAD	3.146	2.623	2.372
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C8225164

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 4

HS= 3.635

VS= 3.661

GS= 3.669

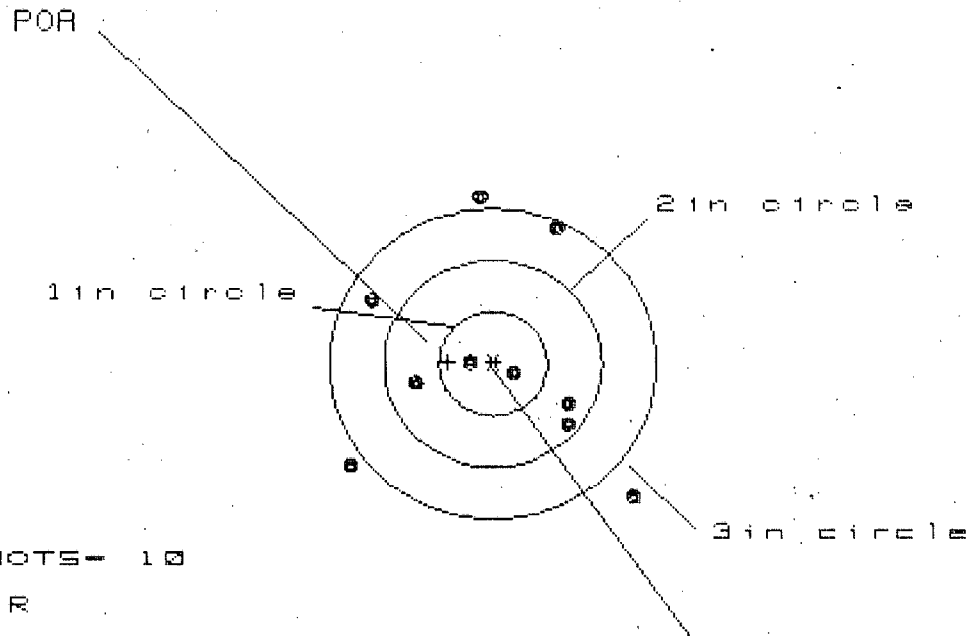
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.927	1.856	1.928
MINIMUM X	:	-1.708	-1.779	-1.547
MAXIMUM Y	:	1.700	1.482	1.469
MINIMUM Y	:	-1.961	-1.901	-1.914
CENTROID X	:	.199	.270	.038
CENTROID Y	:	-.368	-.150	-.137
POA TO CENTROID in.	:	.419	.309	.142
MIN RADIUS	:	.225	.082	.307
MEAN RADIUS	:	1.381	1.255	1.175
MAX RADIUS	:	2.061	1.915	1.946
HORIZONTAL SPREAD	:	3.635	3.635	3.475
VERTICAL SPREAD	:	3.661	3.383	3.383
EXTREME SPREAD	:	3.669	3.669	3.585
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		4	

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225164

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.588

VS= 2.829

GS= 3.189

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.323	.868	.729
MINIMUM X	-1.265	-1.118	-1.105
MAXIMUM Y	1.566	1.425	1.285
MINIMUM Y	-1.263	-1.118	-.849
CENTROID X	.413	.266	.405
CENTROID Y	-.015	.126	.265
POA TO CENTROID in.	.413	.294	.485
MIN RADIUS	.200	.180	.371
MEAN RADIUS	1.055	.975	.914
MAX RADIUS	1.830	1.581	1.293
HORIZONTAL SPREAD	2.588	1.986	1.834
VERTICAL SPREAD	2.829	2.543	2.135
EXTREME SPREAD	3.189	2.931	2.276
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.291

VS= 2.175

GS= 2.380

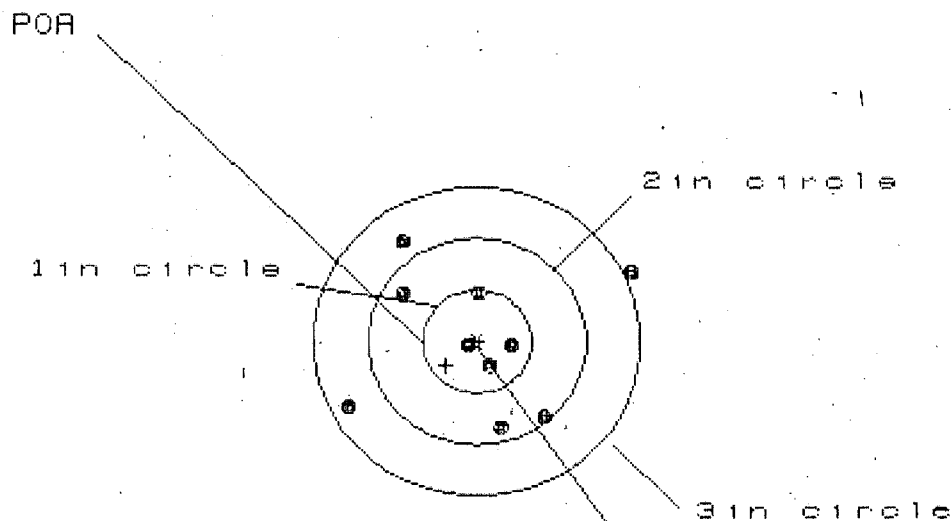
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.344	.888	.905
MINIMUM X	-.947	-.798	-.781
MAXIMUM Y	1.139	1.056	.697
MINIMUM Y	-1.036	-1.119	-.987
CENTROID X	-.178	-.327	-.344
CENTROID Y	-.119	-.036	-.168
POA TO CENTROID in.	.214	.329	.383
MIN RADIUS	.084	.122	.089
MEAN RADIUS	.892	.799	.763
MAX RADIUS	1.536	1.248	1.140
HORIZONTAL SPREAD	2.291	1.686	1.686
VERTICAL SPREAD	2.175	2.175	1.684
EXTREME SPREAD	2.380	2.215	1.954
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.576

VS= 1.825

GS= 2.894

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.435	.736	.613
MINIMUM X	-1.141	-.981	-.639
MAXIMUM Y	1.966	1.038	.965
MINIMUM Y	1.859	-.787	-.860
CENTROID X	.284	.124	.247
CENTROID Y	.230	.158	.231
POA TO CENTROID in.	.365	.201	.338
MIN RADIUS	.111	.073	.075
MEAN RADIUS	.780	.695	.613
MAX RADIUS	1.578	1.153	1.149
HORIZONTAL SPREAD	2.576	1.717	1.252
VERTICAL SPREAD	1.825	1.825	1.825
EXTREME SPREAD	2.894	2.118	2.118
NUMBER IN ONE INCH CIRCLE =	4	7	9
NUMBER IN TWO INCH CIRCLE =	7	9	9
NUMBER IN THREE INCH CIRCLE =	9	9	9