

C6349184

MODEL 700™ M24

Model **SMS**™

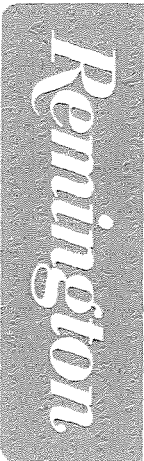
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00128534

Serial: C6349184 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 4/24/2007 7:45:11 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: ISSD ARMSROOM

ISSD 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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/24/2007

8:10 AM

CAPS

NUM

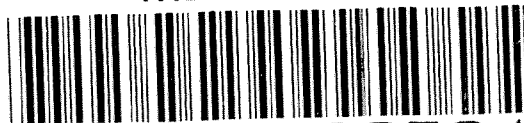
INS

SCRL

Serial
Number:

C6349184

Model: M24 SWS



RE00128534

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349184.___0
FILE DATE AND TIME: 06/04/2007 15:00

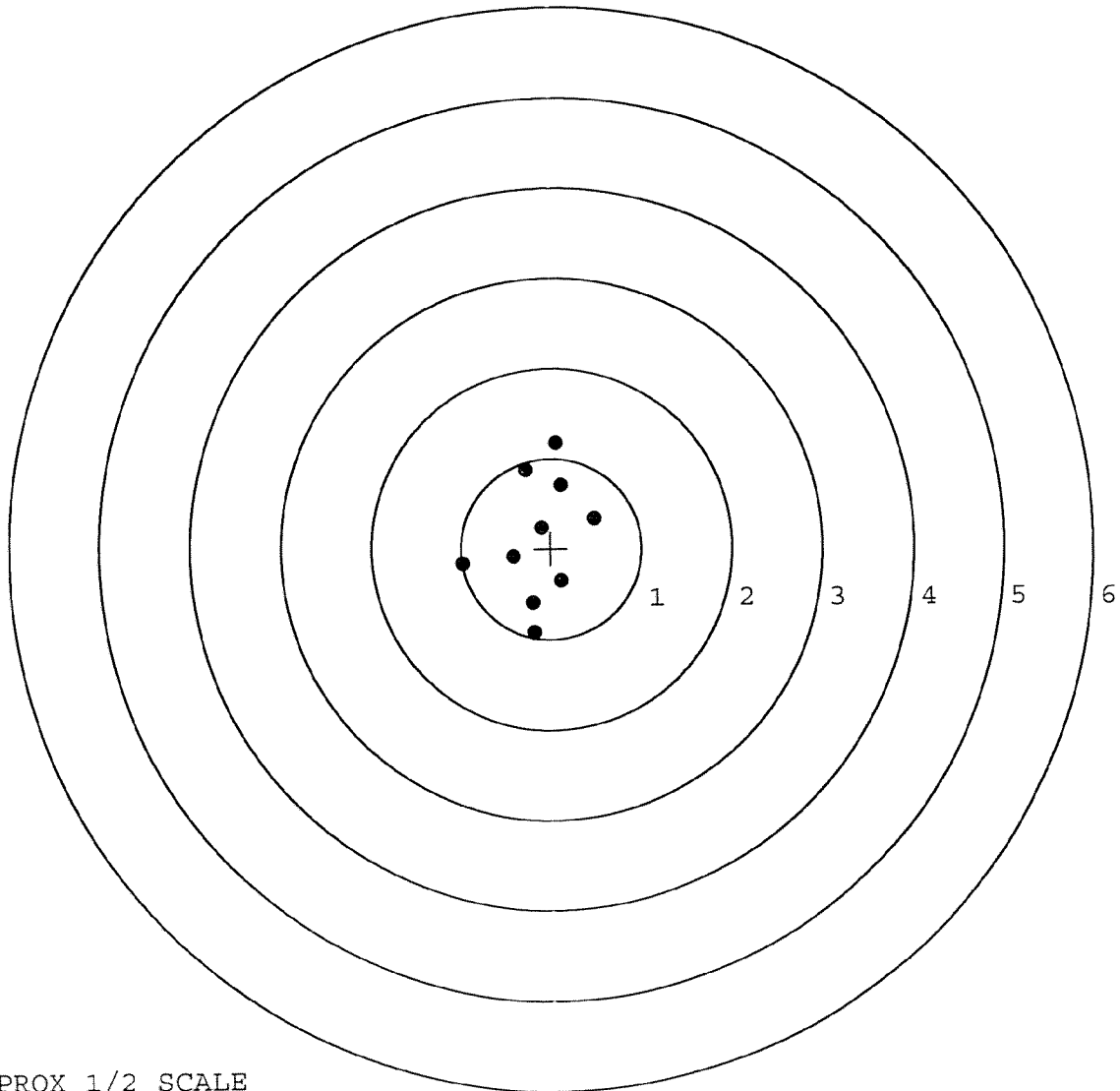
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.053
The Average Y Centroid of the Five Target Set:	-0.085
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.181
The Distance from Centroid Target #2 to Centroid Target #1:	0.379
The Distance from Centroid Target #3 to Centroid Target #1:	0.195
The Distance from Centroid Target #4 to Centroid Target #1:	0.165
The Distance from Centroid Target #5 to Centroid Target #1:	0.357

SERIAL NUMBER: C6349184. __0
 TARGET NUMBER: 1
 FILE DATE: 06/04/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	-0.279	0.879
2:	0.065	1.167
3:	0.119	0.705
4:	0.481	0.332
5:	-0.104	0.232
6:	-0.418	-0.093
7:	0.120	-0.362
8:	-0.981	-0.169
9:	-0.204	-0.602
10:	-0.189	-0.930

X CENTROID: -0.139
 Y CENTROID: 0.116
 POA TO CENTROID: 0.181
 HORZ SPREAD: 1.462
 VERT SPREAD: 2.097
 GROUP SPREAD: 2.112
 MIN RADIUS: 0.121
 MAX RADIUS: 1.071
 MEAN RADIUS: 0.682
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

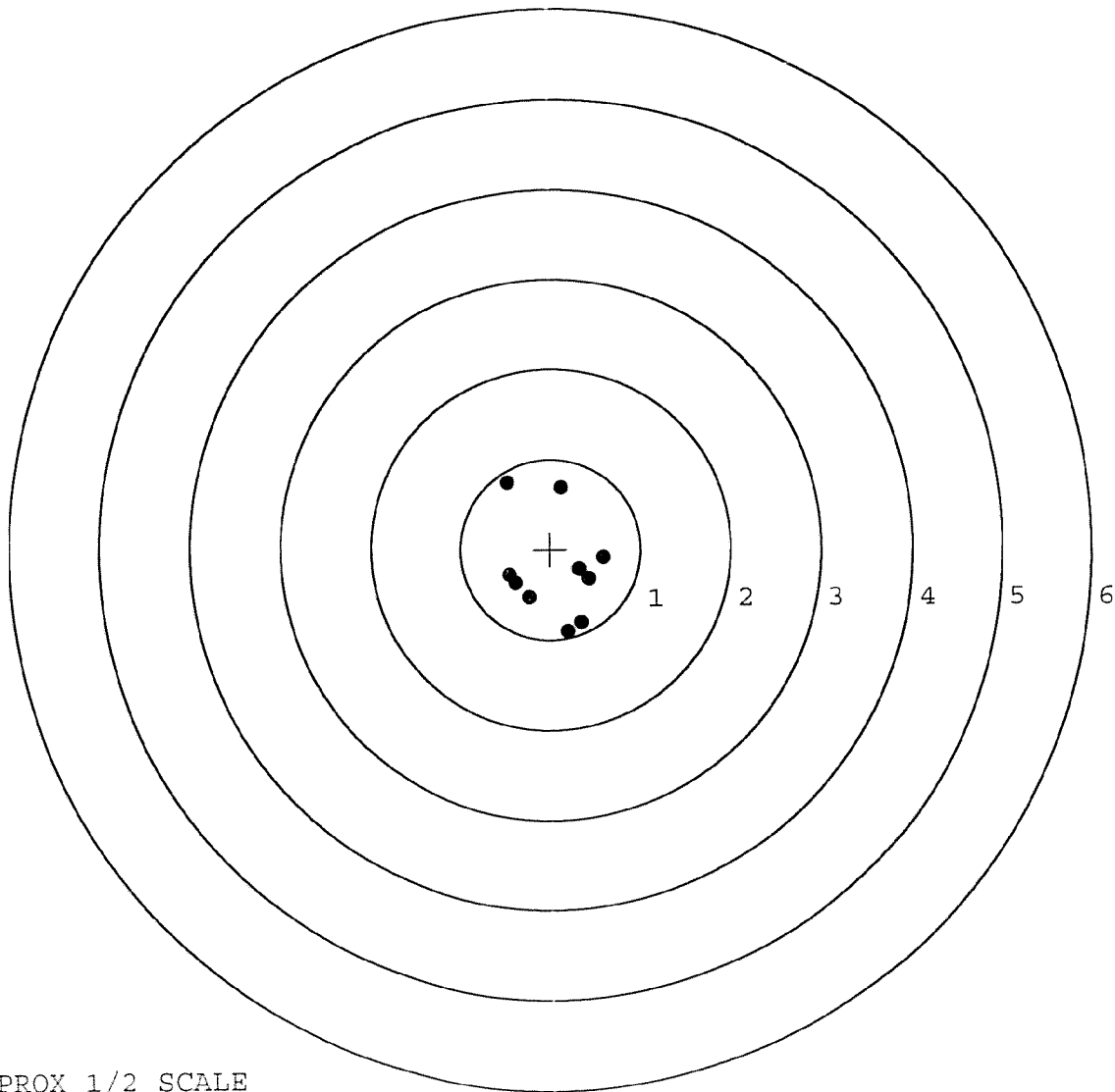


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349184. __0
 TARGET NUMBER: 2
 FILE DATE: 06/04/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.346	-0.816
2:	0.194	-0.919
3:	0.429	-0.332
4:	0.324	-0.222
5:	0.589	-0.099
6:	-0.239	-0.536
7:	-0.456	-0.285
8:	-0.393	-0.380
9:	0.131	0.686
10:	-0.476	0.745

X CENTROID: 0.045
 Y CENTROID: -0.216
 POA TO CENTROID: 0.220
 HORZ SPREAD: 1.065
 VERT SPREAD: 1.664
 GROUP SPREAD: 1.794
 MIN RADIUS: 0.279
 MAX RADIUS: 1.093
 MEAN RADIUS: 0.603
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

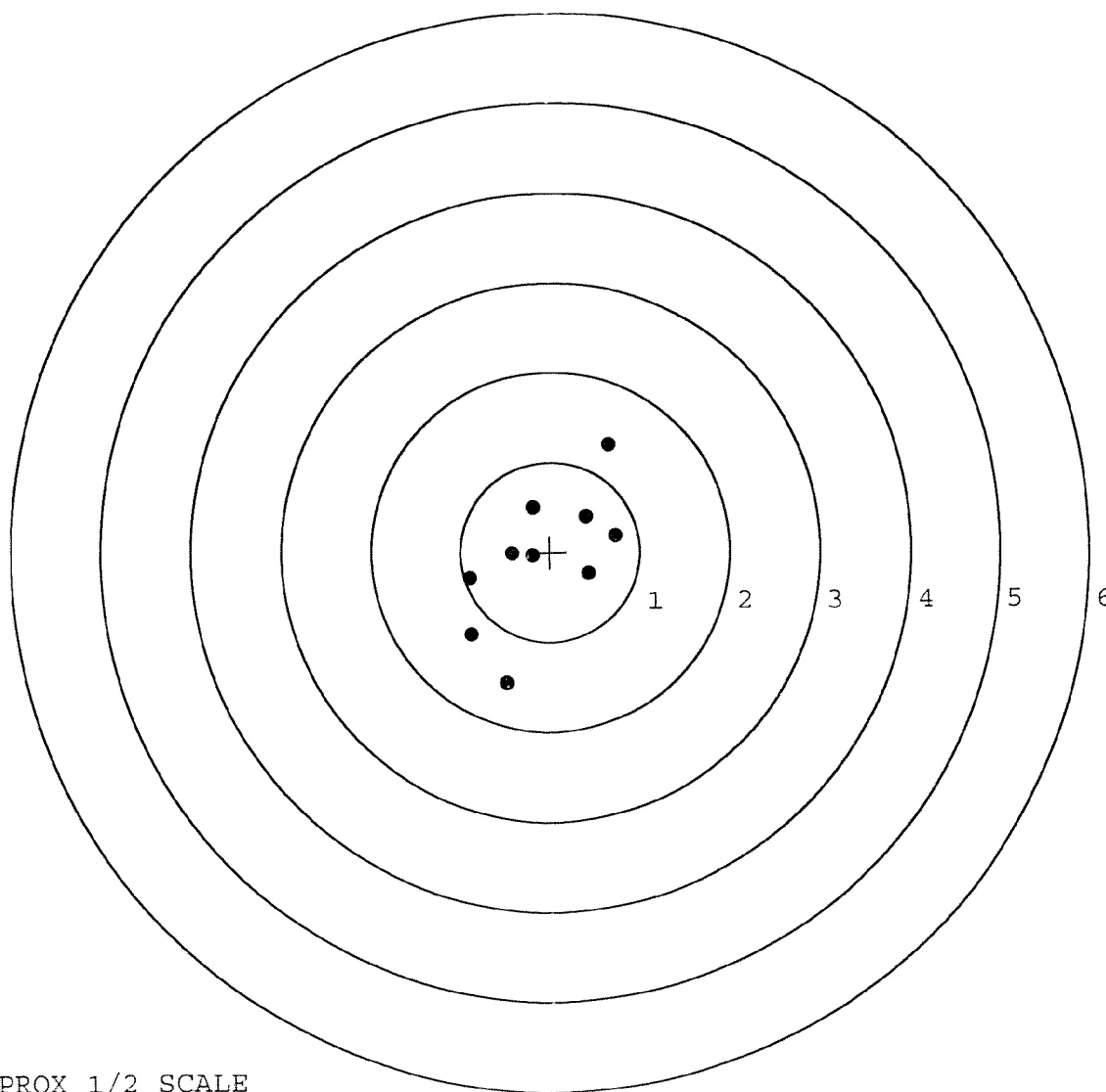


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349184. __0
 TARGET NUMBER: 3
 FILE DATE: 06/04/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.659	1.186
2:	0.730	0.179
3:	0.404	0.396
4:	-0.189	0.503
5:	0.428	-0.247
6:	-0.200	-0.038
7:	-0.423	-0.018
8:	-0.895	-0.296
9:	-0.885	-0.924
10:	-0.493	-1.461

X CENTROID: -0.086
 Y CENTROID: -0.072
 POA TO CENTROID: 0.112
 HORZ SPREAD: 1.625
 VERT SPREAD: 2.647
 GROUP SPREAD: 2.887
 MIN RADIUS: 0.119
 MAX RADIUS: 1.462
 MEAN RADIUS: 0.804
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



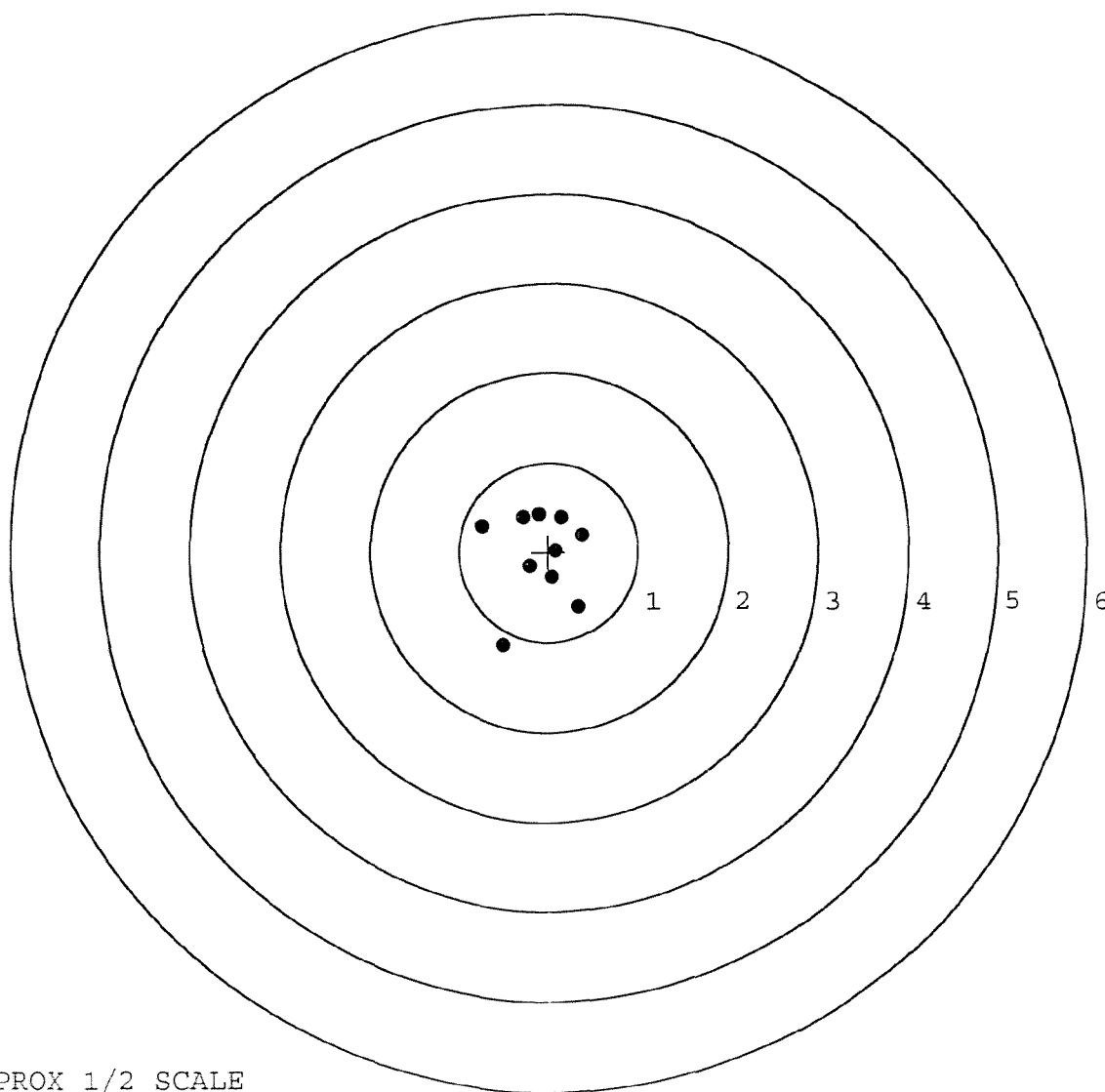
TARGET APPROX 1/2 SCALE

BARBER - M24 0109618

SERIAL NUMBER: C6349184. __0
 TARGET NUMBER: 4
 FILE DATE: 06/04/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.334	-0.617
2:	-0.519	-1.037
3:	-0.743	0.288
4:	-0.282	0.393
5:	-0.111	0.421
6:	0.145	0.382
7:	0.380	0.183
8:	0.081	0.018
9:	-0.209	-0.157
10:	0.043	-0.284

X CENTROID: -0.088
 Y CENTROID: -0.041
 POA TO CENTROID: 0.097
 HORZ SPREAD: 1.123
 VERT SPREAD: 1.458
 GROUP SPREAD: 1.567
 MIN RADIUS: 0.168
 MAX RADIUS: 1.085
 MEAN RADIUS: 0.509
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

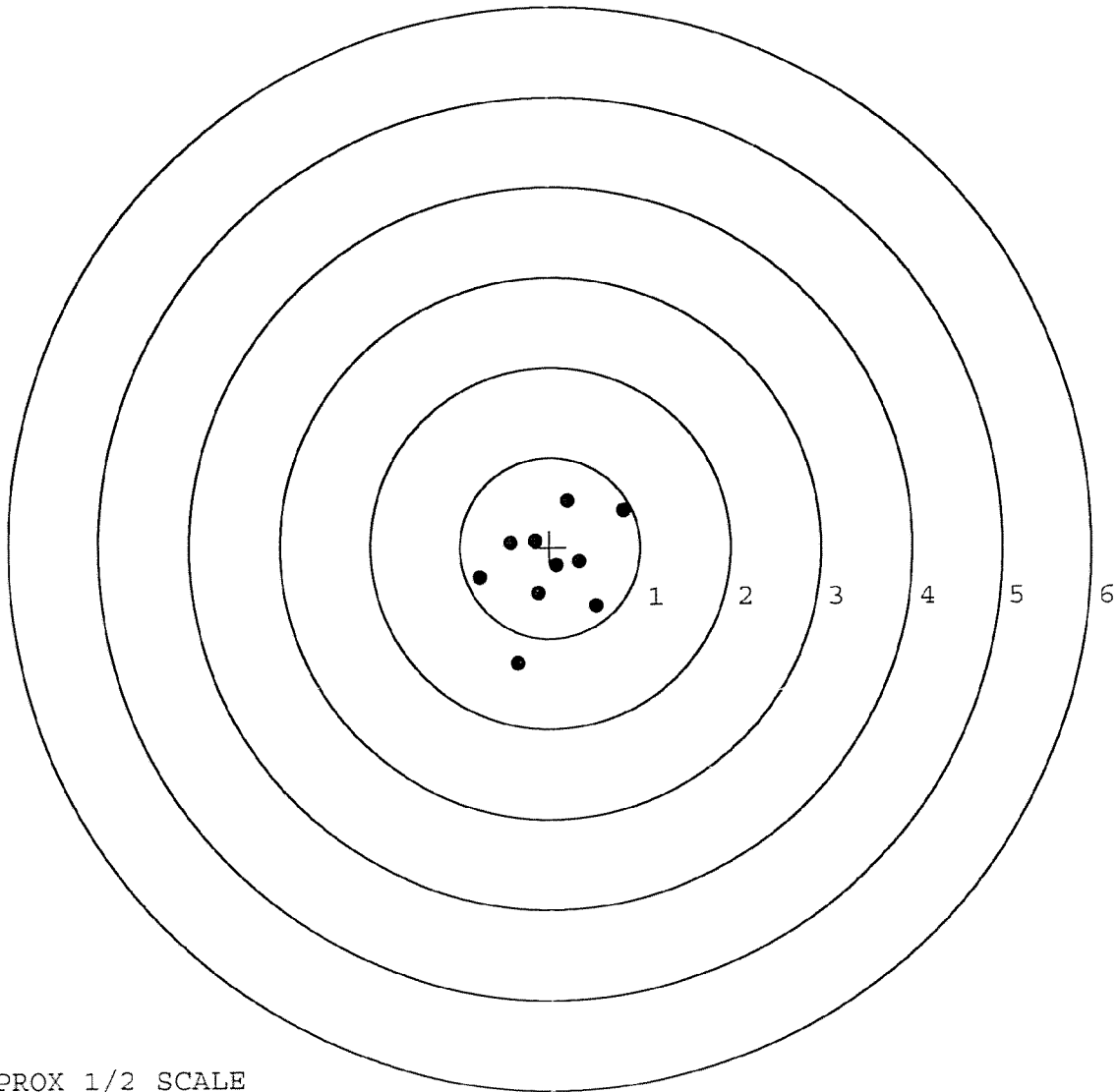


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349184. __0
 TARGET NUMBER: 5
 FILE DATE: 06/04/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.820	0.409
2:	0.201	0.519
3:	0.332	-0.166
4:	0.509	-0.650
5:	-0.363	-1.286
6:	-0.130	-0.507
7:	-0.782	-0.338
8:	-0.439	0.048
9:	-0.164	0.071
10:	0.077	-0.204

X CENTROID: 0.006
 Y CENTROID: -0.210
 POA TO CENTROID: 0.210
 HORZ SPREAD: 1.602
 VERT SPREAD: 1.805
 GROUP SPREAD: 2.067
 MIN RADIUS: 0.071
 MAX RADIUS: 1.137
 MEAN RADIUS: 0.595
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	128534		
SERIAL NUMBER	C6349184		
LOG-IN DATE	4-24-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-15-07	RR
505	RE-BARREL	5-18-07	RTZ
560	ASSEMBLE	5-18-07	RTZ
600	PROOF	5-18-07	TRW
605	CHECK HEADSPACE	5-18-07	TRW
610	DIS-ASSEMBLE GUN	5-21-07	RTZ
612	MAGNAFLUX	5-21-07	TRW
510	DRILL AND TAP	5-21-07	TRW
615	ROLLMARK CALIBER	5-21-07	CW
618	ROTO-BLAST	5-22-07	LB
620	APPLY COATINGS	5-24-07	W
625	FINAL ASSEMBLY	6-1-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 6-4-07	TRW
650	TARGET	PASS FAIL 6-4-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-4-07	FM
	A) HEADSPACE	PASS FAIL 6-7-07	RTZ
	B) TRIGGER PULL	240 239 245 248 251 6-5-07	TRW
680	F) SAFETY ON FORCE	4.5 4.0 4.5 6-5-07	RA
	G) SAFETY OFF FORCE	2.0 2.0 2.0 6-5-07	RA
	I) FIRING PIN INDENT	.023 .023 .023 6-5-07	RA
690	PACK	6-5-07	RA

Remington®

MODEL 700™ M24

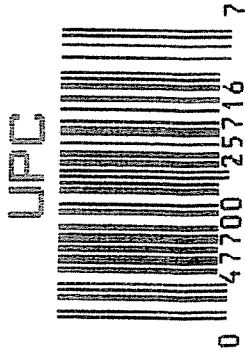
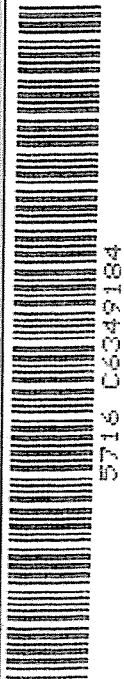
DUPONT
REG. U.S. PAT. & TM. OFF.

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

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

01

SERIAL NO. C6349184	ORDER NO. 5716
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94B

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
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>C co 3/5 SFG(A)</i>		B. LOCATION <i>Ft. Campbell KY 42223</i>	
2. SERIAL NO. <i>C 6349184</i>		3. NOUN NOMENCLATURE <i>7.62 Sigroc Rifle M24</i>		C. UNIT IDENT CODE <i>WH06B0</i>	
7A. MAINTENANCE ACTIVITY <i>TMO</i>		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	4. LINE NO. <i>R45387</i>
					5. MODEL <i>M24</i>
				9B. ERC	6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>
				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). <i>S 200 Rnds Fired</i>					
B. REMARKS <i>W52H095345H245</i>					
- 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 <i>Terry J. [Signature]</i>		24. RECEIVED BY			
JULIAN DATE		JULIAN DATE			

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0109622

94B

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				1	1	CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>C co 3/5 SFG(A)</i>		B. LOCATION <i>FT. Campbell KY 47223</i>			C. UNIT IDENT CODE <i>WH0680</i>		
2. SERIAL NO. <i>C 6349184</i>		3. NOUN NOMENCLATURE <i>762 Signal RCo M24</i>		4. LINE NO. <i>R45387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY <i>IMO</i>		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		☐ 068 Inoperative	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☒ H Other		☐ 258 Overheating	
								☐ 790 Out of Adjustment	
								☐ 008 Noisy	
								☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>5 200 RADS Fired</i>									
B. REMARKS <i>W 55 H 095 345 H 545</i>									
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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									\$
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									\$
									\$
									\$
									\$
									\$
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST	K. TOTAL PARTS COST		
						\$	\$		
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools									
22. Date Transcribed									
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One)									
☐ A To User		☐ D Evacuated							
☐ B To Stock		☐ E Cannibalization							
☐ C Salvaged									

RECEIVING BARBER M24 10009620 RT

COMMENTS

ORDER
R 95-30906

INITIALS CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

SCOPE 89-0991

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

12/04/95

12/05/95

C6349184

700

7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

TRANSPORTATION OFFICE
FT CAMPBELL

KY 42223

TRANSPORTATION OFFICE
FT CAMPBELLKY
42223

CUST NO:087942 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

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
Mag Spring 15677

Repower Coat Trigger Guard
Assy Front & Rear Sight Bases
Reticle Scope Base, Rings &
Swivel Studs

Scope Sent back to Vendor
to be Checked

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6825 RL

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0424092109663

Final Inspection

Sn: C6349184

DATE REC'D: 12/04/95

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:

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6349184

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		<i>12/21/95</i>	<i>RW</i>
600	Proof		<i>12/21/95</i>	<i>RW</i>
607	Check Headspace		<i>12/21/95</i>	<i>RW</i>
610	Dis-assemble Gun		<i>12/21/95</i>	<i>RW</i>
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		<i>1/5/96</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>1/5/96</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>1/5/96</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>1/5/96</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>1/5/96</i>	<i>RW</i>

op. #	BARBER - M24 0109627 OP. NAME	READINGS					DATE	INIT
625 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						1/8/96	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						1/8/96	RW
655	Final Inspection							
	A) Headspace						1/10/96	RW
	B) Trigger Pull	2.62	2.56	2.55	2.56	2.64	1/10/96	RW
	C) Function						1/10/96	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # .06349184
 7 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.881229
1 TO	2	.729653
1 TO	3	.386928
--		-----

1 TO	4	.564316
1 TO	5	.580582

2
1
3

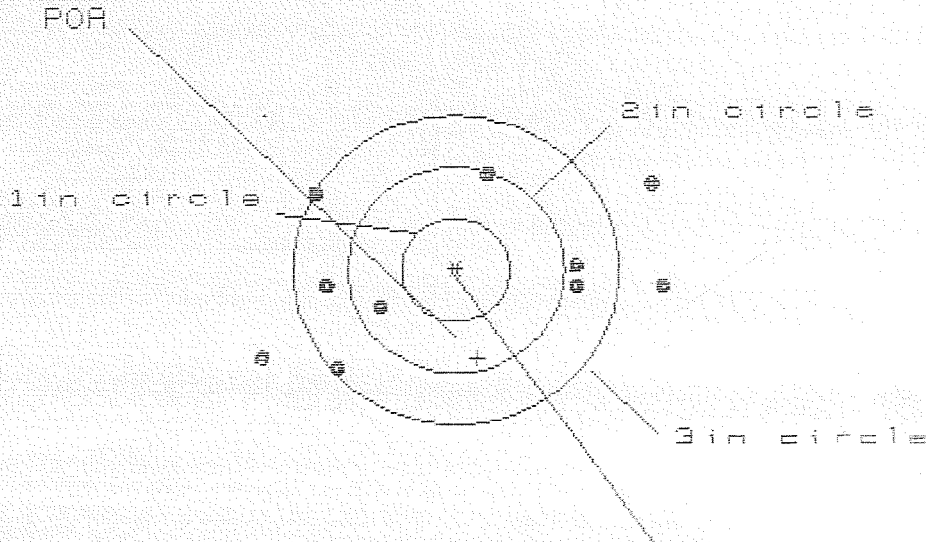
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0438
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.2358
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.23658
 THE AMR FOR THIS RIFLE IS: 1.036

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_FATT/C8349184

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 6

HS= 3.753

VS= 1.852

GS= 3.998

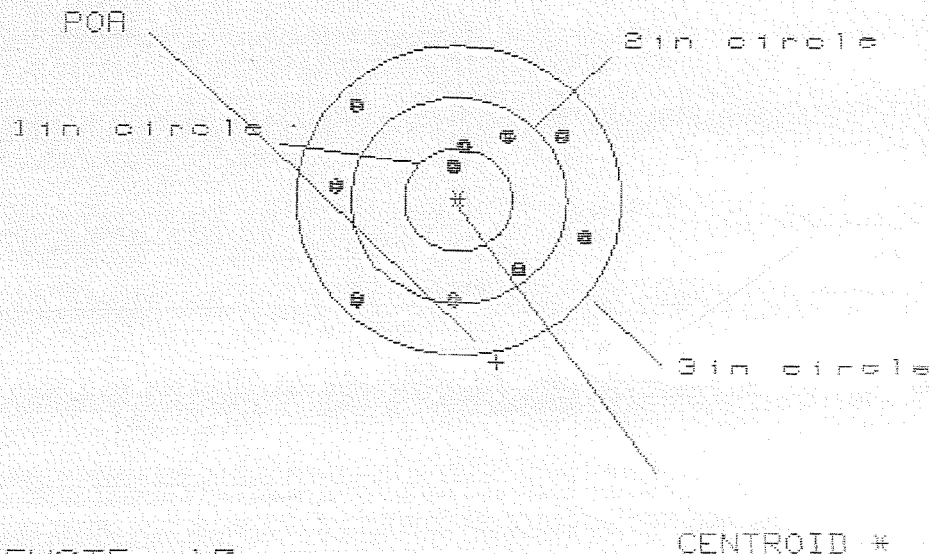
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.916	1.712	1.908
MINIMUM X	-1.837	-1.532	-1.336
MAXIMUM Y	.912	.819	.918
MINIMUM Y	-.940	-1.033	-.934
CENTROID X	-.201	.003	-.193
CENTROID Y	.858	.951	.852
POA TO CENTROID in.	.882	.951	.873
MIN RADIUS	.768	.823	.771
MEAN RADIUS	1.393	1.308	1.242
MAX RADIUS	2.018	1.757	1.912
HORIZONTAL SPREAD	3.753	3.244	3.244
VERTICAL SPREAD	1.852	1.852	1.852
EXTREME SPREAD	3.998	3.406	3.354
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	2	2	2
NUMBER IN THREE INCH CIRCLE =	6	6	6

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C63491B4

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.349

VS= 1.936

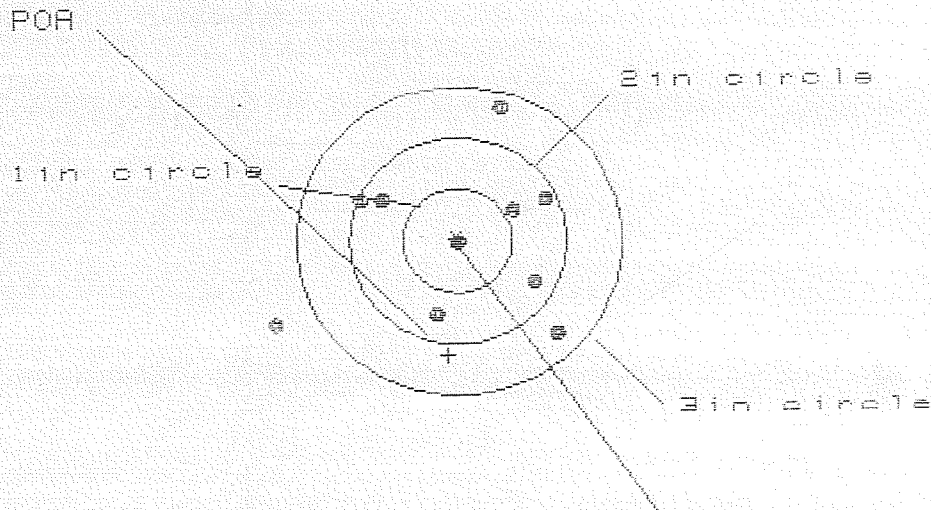
GS= 2.558

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.199	1.094	.957
MINIMUM X	-1.150	-1.255	-1.392
MAXIMUM Y	.919	.807	.611
MINIMUM Y	-1.017	-1.109	-1.009
CENTROID X	-.356	-.251	-.114
CENTROID Y	1.571	1.683	1.583
POA TO CENTROID in.	1.610	1.702	1.587
MIN RADIUS	.320	.250	.415
MEAN RADIUS	.976	.901	.846
MAX RADIUS	1.384	1.361	1.394
HORIZONTAL SPREAD	2.349	2.349	2.349
VERTICAL SPREAD	1.936	1.916	1.620
EXTREME SPREAD	2.558	2.558	2.401
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C63491B4

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.630

VS= 2.180

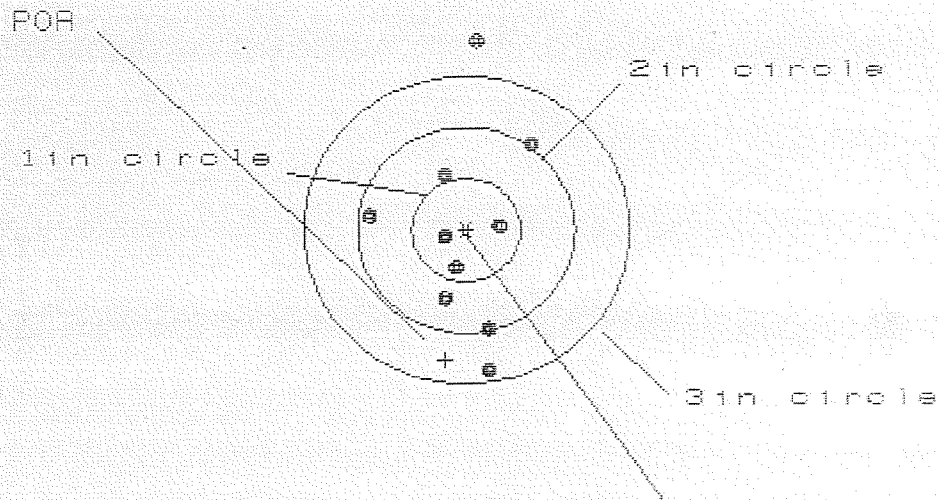
GS= 2.985

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.940	.753	.783
MINIMUM X	-1.690	-1.072	-1.042
MAXIMUM Y	1.321	1.235	.486
MINIMUM Y	-.859	-.945	-.791
CENTROID X	.096	.283	.253
CENTROID Y	1.106	1.192	1.030
POA TO CENTROID in.	1.110	1.225	1.068
MIN RADIUS	.032	.236	.182
MEAN RADIUS	.932	.819	.754
MAX RADIUS	1.860	1.259	1.150
HORIZONTAL SPREAD	2.630	1.825	1.825
VERTICAL SPREAD	2.180	2.180	1.277
EXTREME SPREAD	2.985	2.238	2.227
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349184

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 1.506

VS = 3.222

GS = 3.223

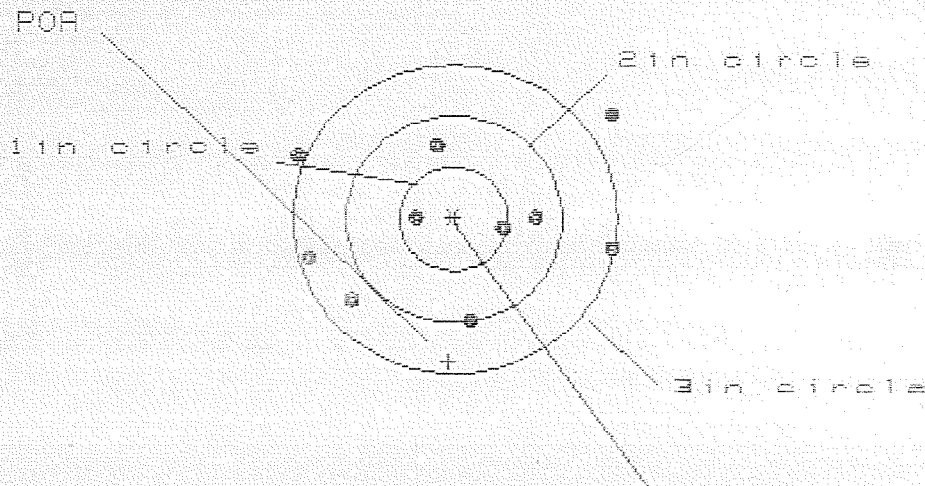
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.650	.663	.687
MINIMUM X	-.856	-.843	-.819
MAXIMUM Y	1.842	1.025	.878
MINIMUM Y	-1.380	-1.175	-.857
CENTROID X	.193	.180	.156
CENTROID Y	1.262	1.057	1.204
POA TO CENTROID in.	1.276	1.072	1.214
MIN RADIUS	.195	.177	.150
MEAN RADIUS	.821	.679	.611
MAX RADIUS	1.846	1.221	1.115
HORIZONTAL SPREAD	1.506	1.506	1.506
VERTICAL SPREAD	3.222	2.200	1.735
EXTREME SPREAD	3.223	2.250	1.779
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C63491B4

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.842

VS = 1.996

GS = 3.037

CENTROID #

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.424	1.575	1.418
MINIMUM X	-1.418	-1.260	-1.300
MAXIMUM Y	1.003	.840	.927
MINIMUM Y	-.993	-.881	-.794
CENTROID X	.049	-.109	.048
CENTROID Y	1.382	1.270	1.183
POA TO CENTROID in.	1.383	1.275	1.184
MIN RADIUS	.343	.250	.426
MEAN RADIUS	1.057	.973	.907
MAX RADIUS	1.742	1.582	1.419
HORIZONTAL SPREAD	2.842	2.835	2.718
VERTICAL SPREAD	1.996	1.721	1.721
EXTREME SPREAD	3.037	2.957	2.719
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349184

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		g.s.
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/3/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/25/90	TH

op. #	BARBER - M24 0109635					DATE	INIT	
	OP. NAME	READINGS						
625 cont.	F) Safety On Force	4		4		4	4/26/90	RL
	G) Safety Off Force	3		2		3	4/26/90	RL
	H) Trigger Pull Test & Retainability						4/25/90	RL
	I) Firing Pin Indent	.0215		.0215		.0215	4/26/90	RL
	J) Assemble Stock						4/26/90	RW
	K) Assemble Swivel Studs						5/10/90	W.B
	L) Attach Front and Rear Sight Assemblies						4/26/90	RW
	M) Iron Sight Alignment						4/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/26/90	RW
	O) Attach Scope to Rifle						4/26/90	RL
	P) Detach & Attach Scope 20 Times						4/26/90	RL
640	Gallery Target & Test						4-26-90	AC
	A) Time						4-26-90	AC
	B) Malfunctions						4-26-90	AC
	C) Pierced Primers						4-26-90	AC
	D) Optical Clarity of Scope						4-26-90	AC
645	Inspect for Live Ammo						4-26-90	AC
655	Final Inspection						5/10/90	W.B
	A) Headspace							
	B) Trigger Pull	2.42	2.40	2.33	2.32	2.35	5/10/90	W.B
	C) Function						5/10/90	W.B
660	Pack						6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06349184DATE 4/25/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.26	2.49	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.27	2.49	2.40	
PULL #3	2.51	2.22	2.50	2.33	
PULL #4	2.16	2.28	2.34	2.32	
PULL #5	2.22	2.22	2.51	2.35	
TOTAL	11.68	11.25	12.33		
AVG.	2.336	2.25	2.466		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.28		
PULL #2	3.40	3.32		
PULL #3	3.41	3.46		
PULL #4	3.50	3.44		
PULL #5	3.11	3.35		
TOTAL	16.62	16.85		
AVG.	3.324	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.47		4.36
PULL #2	4.21	4.36		4.34
PULL #3	4.37	4.52		4.42
PULL #4	4.26	4.49		4.41
PULL #5	4.36	4.41		4.21
TOTAL	21.54	22.25		21.74
AVG.	4.308	4.45		4.348

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349184
26 Apr 1990

CENTROIDAL DISTANCES

0 TO 1	.261536
1 TO 2	.575196
1 TO 3	.497743
1 TO 4	.32404
1 TO 5	.369034

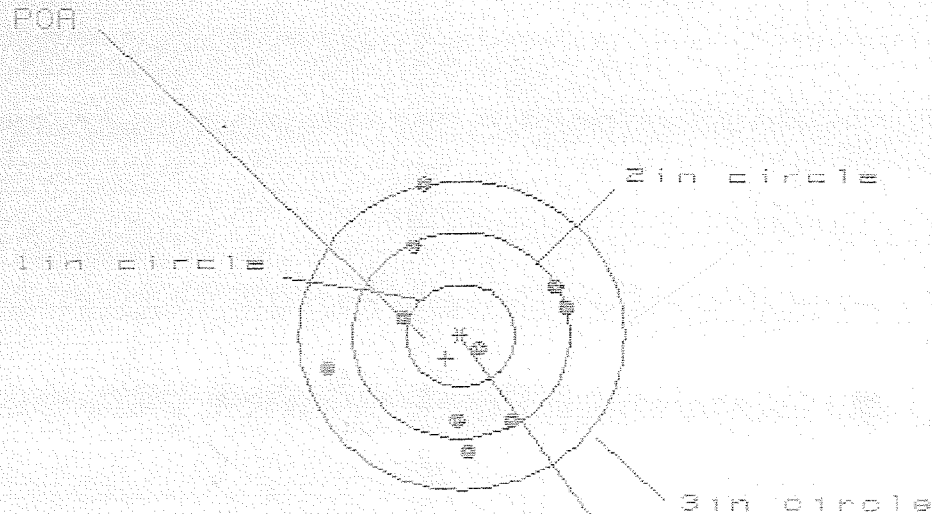
1 2 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0534
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .293695
THE AMR FOR THIS RIFLE IS: .9938

25 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349184

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.221

VS= 2.607

GS= 2.639

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.997	.961	.804
MINIMUM X	-1.224	-1.260	-.737
MAXIMUM Y	1.491	1.035	1.012
MINIMUM Y	-1.116	-.950	-.973
CENTROID X	.135	.171	.328
CENTROID Y	.224	.058	.081
POA TO CENTROID in.	.261	.180	.338
MIN RADIUS	.241	.154	.008
MEAN RADIUS	.944	.853	.775
MAX RADIUS	1.525	1.273	1.187
HORIZONTAL SPREAD	2.221	2.221	1.541
VERTICAL SPREAD	2.607	1.985	1.985
EXTREME SPREAD	2.639	2.311	2.052
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

26 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C63491B4

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.278

VS= 2.366

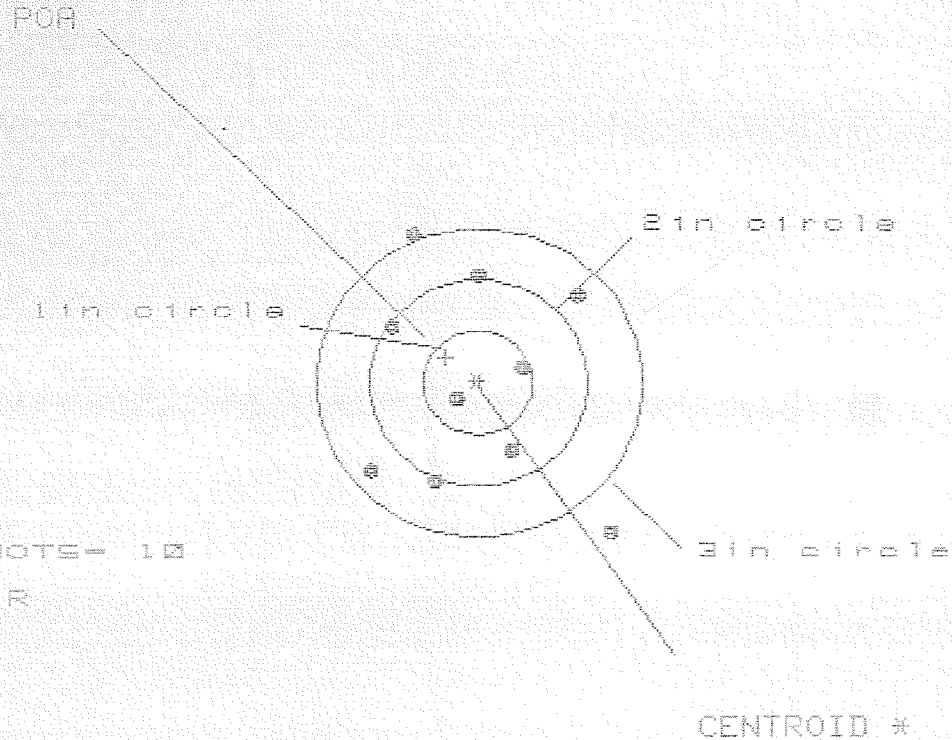
GS= 2.412

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.533	.518	.541
MINIMUM X	-.745	-.575	-.552
MAXIMUM Y	1.422	1.513	1.275
MINIMUM Y	-.944	-.853	-.664
CENTROID X	.660	.490	.467
CENTROID Y	-.011	-.102	-.291
POA TO CENTROID in.	.660	.500	.550
MIN RADIUS	.351	.412	.238
MEAN RADIUS	.896	.764	.608
MAX RADIUS	1.737	1.524	1.325
HORIZONTAL SPREAD	2.278	1.093	1.093
VERTICAL SPREAD	2.366	2.366	1.939
EXTREME SPREAD	2.412	2.367	2.005
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

26 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CS349184

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.210

VS= 2.900

GS= 3.446

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.250
MINIMUM X	-.960
MAXIMUM Y	1.456
MINIMUM Y	-1.444
CENTROID X	.293
CENTROID Y	-.248
POA TO CENTROID in	.384
MIN RADIUS	.189
MEAN RADIUS	1.037
MAX RADIUS	1.909
HORIZONTAL SPREAD	2.210
VERTICAL SPREAD	2.900
EXTREME SPREAD	3.446
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

26 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349184

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.603

VS= 2.937

GS= 3.264

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.387	1.322	.871
MINIMUM X	-1.216	-1.281	-1.115
MAXIMUM Y	1.773	1.403	1.324
MINIMUM Y	-1.164	-.967	-1.046
CENTROID X	.226	.291	.126
CENTROID Y	-.087	-.284	-.205
POA TO CENTROID in.	.242	.406	.240
MIN RADIUS	.530	.560	.401
MEAN RADIUS	1.195	1.092	1.029
MAX RADIUS	1.866	1.538	1.545
HORIZONTAL SPREAD	2.603	2.603	1.986
VERTICAL SPREAD	2.937	2.370	2.370
EXTREME SPREAD	3.264	2.959	2.440
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

26 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349164

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 1.857

VS = 2.563

GS = 2.758

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.931	1.012	1.080
MINIMUM X	-.936	-.855	-.728
MAXIMUM Y	1.595	.759	.726
MINIMUM Y	-.968	-.791	-.824
CENTROID X	.130	.049	-.078
CENTROID Y	-.145	-.322	-.289
POA TO CENTROID in.	.195	.326	.299
MIN RADIUS	.291	.125	.064
MEAN RADIUS	.897	.754	.706
MAX RADIUS	1.756	1.062	1.121
HORIZONTAL SPREAD	1.867	1.867	1.808
VERTICAL SPREAD	2.563	1.550	1.550
EXTREME SPREAD	2.758	2.033	1.808
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

Serial Number: C6349184
Model: 700

RE00004858

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: RE00004858
Verify Repair

Serial: C6349184 Model 700 Center Fire Caliber: 7.62 M-24 (SWS)

Repairman:
Status: New 2/16/00 7:50:02 AM

Address Information

Customer:
Name: TRANSPORTATION OFFICER
Address 1: ATTN: AFZB-DL-T0
Address 2: BLDG.873
City: FORT CAMPBELL
State: KY Zip Code: 422231294 Country: US

Received From
Return To: TRANSPORTATION OFFICER
ATTN: AFZB-DL-T0
BLDG.873
FORT CAMPBELL
KY 422231294 US

IFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone:
Fax:
Email:
Comments:

Fair
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search

Refresh

Close

nagletj 2/16/00 8:52 AM C&PS NUM INS SCPL

Start Inb... Na... SA... Mic... Exp... At... Fin... DE... UP... SA... Prin... 8:52 AM

BBL - 96003

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349184
24 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.228$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.0642$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.236866$

THE AMR FOR THIS RIFLE IS: 1.086

CENTROIDAL DISTANCES

Ø TO	1	.402892
1 TO	2	.997366
1 TO	3	.667906
1 TO	4	.164879
1 TO	5	1.20055

2 4₁

 + <----POA

 3

 5

BARBER - M24 0109645

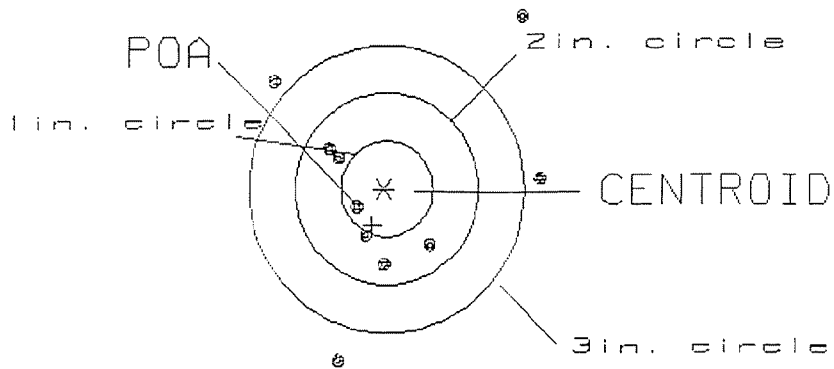
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
POA TO CENTROID: .403
MIN RADIUS : .356
MEAN RADIUS : 1.127
MAX RADIUS : 2.306
CENTROID X : .131
CENTROID Y : .381

24 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349184

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.87

1

VS= 3.60

6

GS= 4.10

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

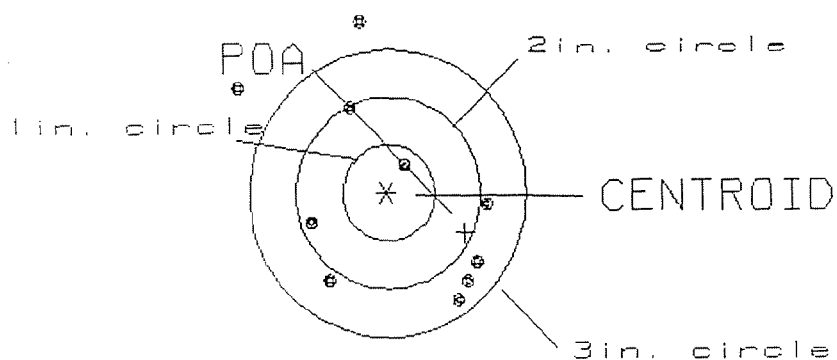
PATTERN #: 2

POA TO CENTROID: .957
 MIN RADIUS : .285
 MEAN RADIUS : 1.193
 MAX RADIUS : 1.972
 CENTROID X : -.866
 CENTROID Y : .408

24 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349184

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.71
 US= 2.92
 GS= 3.22

1
 2
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

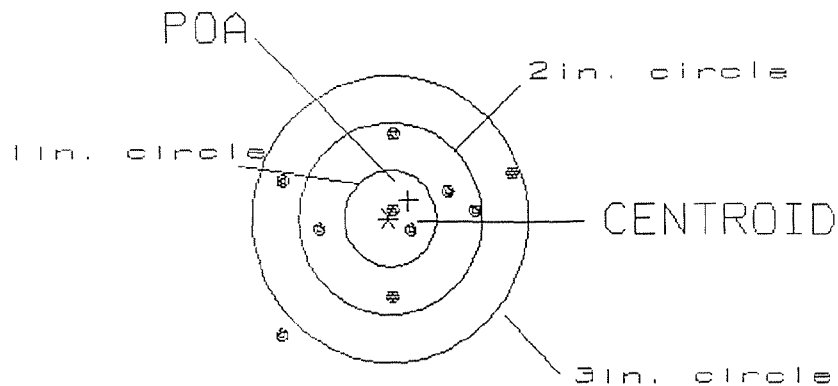
PATTERN #: 3

POA TO CENTROID: .290
 MIN RADIUS : .119
 MEAN RADIUS : .869
 MAX RADIUS : 1.673
 CENTROID X : -.222
 CENTROID Y : -.186

24 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349184

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.50

2

US= 2.09

7

GS= 3.01

9

BARBER - M24 0109648

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .493

MIN RADIUS : .636

MEAN RADIUS : 1.003

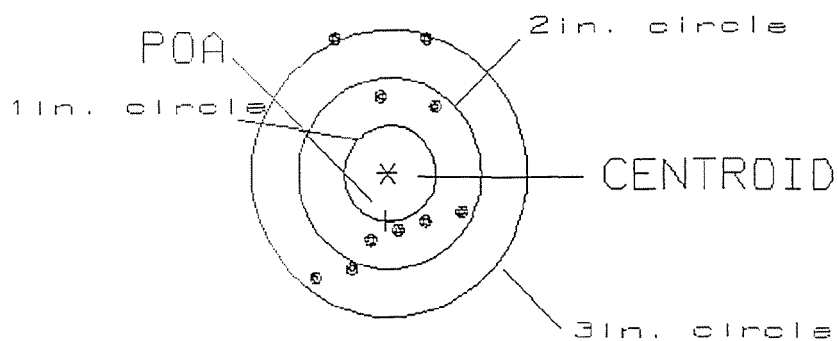
MAX RADIUS : 1.582

CENTROID X : .010

CENTROID Y : .493

24 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349184

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 1.59

0

US= 2.57

6

GS= 2.79

9

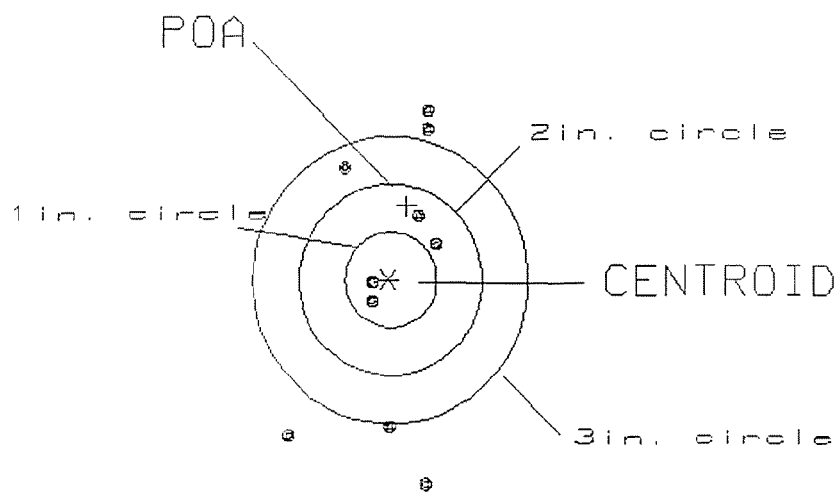
PATTERN #: 5

POA TO CENTROID: .799
 MIN RADIUS : .209
 MEAN RADIUS : 1.236
 MAX RADIUS : 2.206
 CENTROID X : -.193
 CENTROID Y : -.775

24 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6349184

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.59
 VS= 3.99
 GS= 3.99

2
 4
 5

Final Inspection

S.N. C6349184

DATE REC'D: J-16-00

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:

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

R & E NUMBER		0000 4858	
SERIAL NUMBER		C 6349184	
LOG-IN DATE		2-16-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	2-28-00	RW
605	CHECK HEADSPACE	2-28-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
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	4-24-00	RW
655	FINAL INSPECT	4-25-00	RW
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	