

05348935

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: **RE00052611** Serial: **C6348935** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW9)** Repairman: Status: **Closed 9/19/02 2:40:18 PM**

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☐ Received From: ☐

Name: **A CO** **A CO**

Address 1: **3/1 SFG (A)** **3/1 SFG (A)**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FEL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
X	FRT & REAR SGT BA	1

Repair Search **Refresh** **Close**

maglet 9/19/02 3:24 PM E4PS NUM INS SCRL

Start [Icons] 3:24 PM

Serial Number: **C6348935**

Model: **700**



RE00052611

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348935.___0
FILE DATE AND TIME: 10/15/2002 13:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

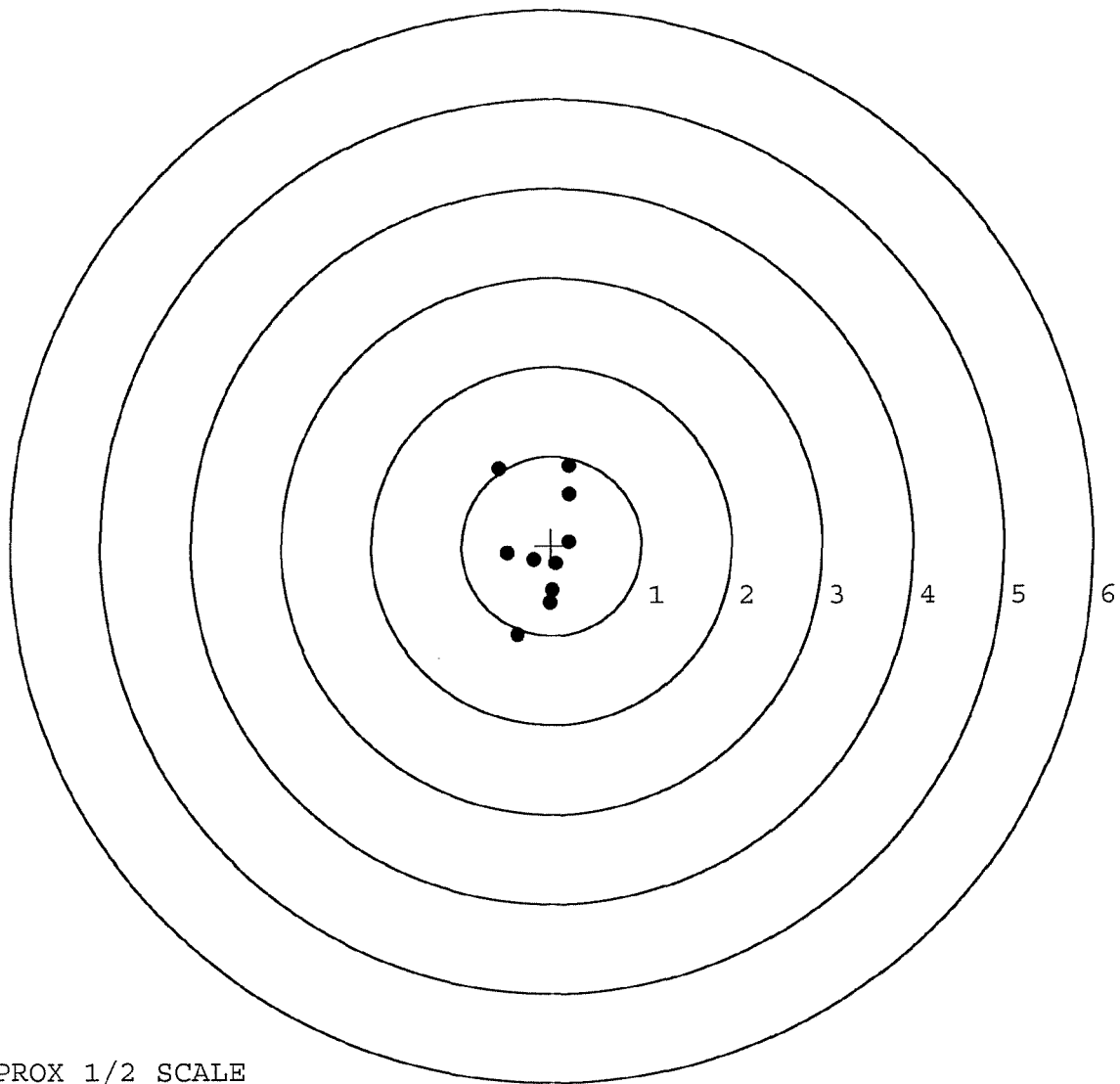
The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.676
The Distance from POA to Centroid Target #1:	0.106
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.313
The Distance from Centroid Target #4 to Centroid Target #1:	0.123
The Distance from Centroid Target #5 to Centroid Target #1:	0.059

BARBER - M24 0041978

SERIAL NUMBER: C6348935. __0
 TARGET NUMBER: 1
 FILE DATE: 10/15/2002
 FILE TIME: 13:49

POINT#	X	Y
1:	-0.383	-1.006
2:	-0.493	-0.087
3:	-0.585	0.861
4:	0.194	0.897
5:	0.197	0.581
6:	0.197	0.038
7:	-0.022	-0.646
8:	-0.198	-0.163
9:	0.053	-0.204
10:	0.011	-0.506

X CENTROID: -0.103
 Y CENTROID: -0.024
 POA TO CENTROID: 0.106
 HORZ SPREAD: 0.782
 VERT SPREAD: 1.903
 GROUP SPREAD: 1.989
 MIN RADIUS: 0.169
 MAX RADIUS: 1.022
 MEAN RADIUS: 0.590
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

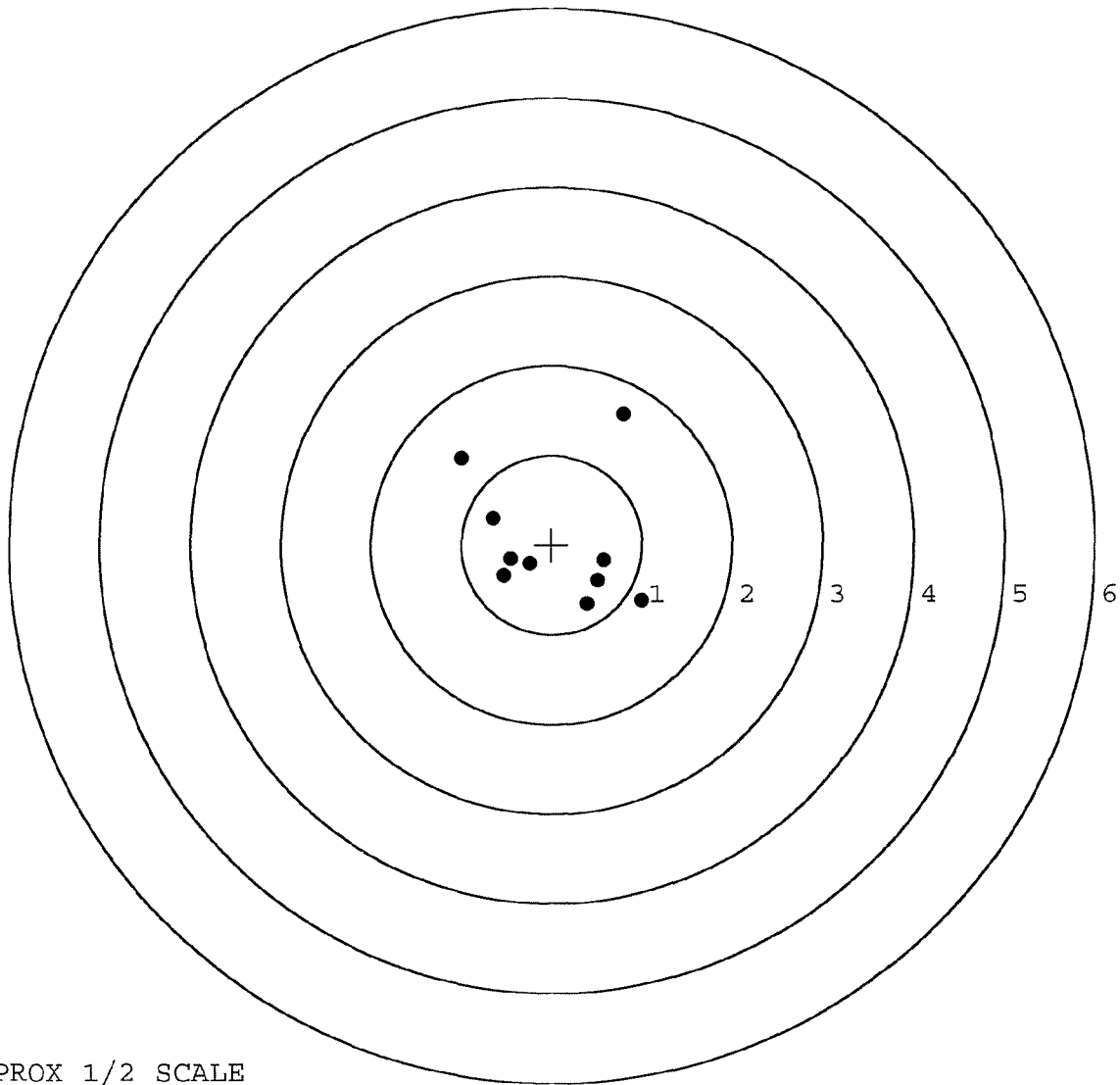


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348935. __0
 TARGET NUMBER: 2
 FILE DATE: 10/15/2002
 FILE TIME: 13:49

POINT#	X	Y
1:	0.995	-0.630
2:	0.391	-0.665
3:	0.512	-0.402
4:	0.577	-0.178
5:	-0.242	-0.216
6:	-0.527	-0.351
7:	-0.458	-0.161
8:	-0.652	0.299
9:	-0.998	0.969
10:	0.799	1.458

X CENTROID: 0.040
 Y CENTROID: 0.012
 POA TO CENTROID: 0.042
 HORZ SPREAD: 1.993
 VERT SPREAD: 2.123
 GROUP SPREAD: 2.243
 MIN RADIUS: 0.363
 MAX RADIUS: 1.633
 MEAN RADIUS: 0.847
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



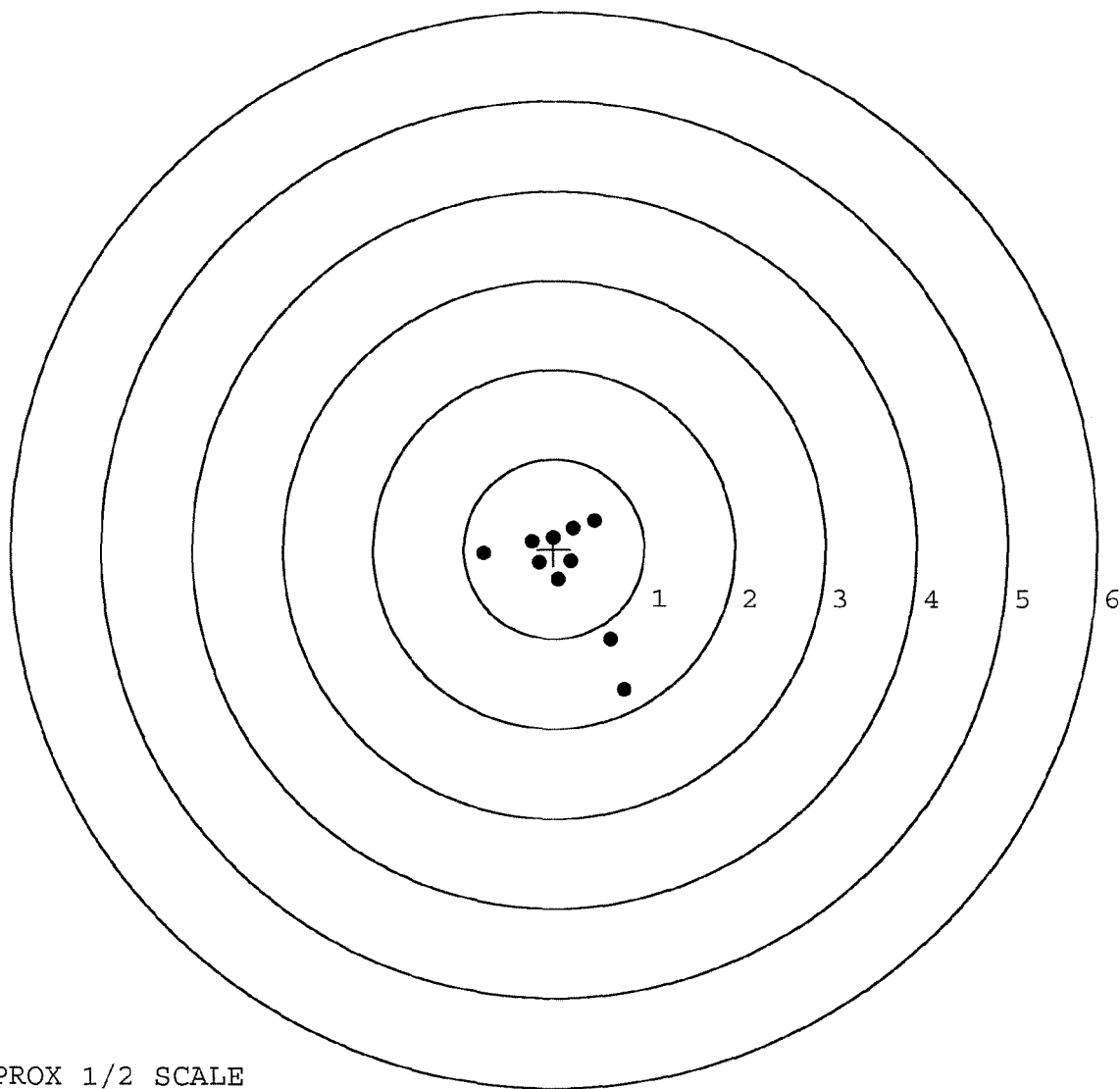
TARGET APPROX 1/2 SCALE

BARBER - M24 0041980

SERIAL NUMBER: C6348935. __0
 TARGET NUMBER: 3
 FILE DATE: 10/15/2002
 FILE TIME: 13:49

POINT#	X	Y
1:	0.784	-1.567
2:	0.633	-1.013
3:	-0.776	-0.053
4:	0.447	0.317
5:	0.207	0.238
6:	0.192	-0.135
7:	0.052	-0.346
8:	-0.162	-0.158
9:	-0.248	0.085
10:	-0.007	0.129

X CENTROID: 0.112
 Y CENTROID: -0.250
 POA TO CENTROID: 0.274
 HORZ SPREAD: 1.560
 VERT SPREAD: 1.884
 GROUP SPREAD: 2.174
 MIN RADIUS: 0.113
 MAX RADIUS: 1.478
 MEAN RADIUS: 0.590
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



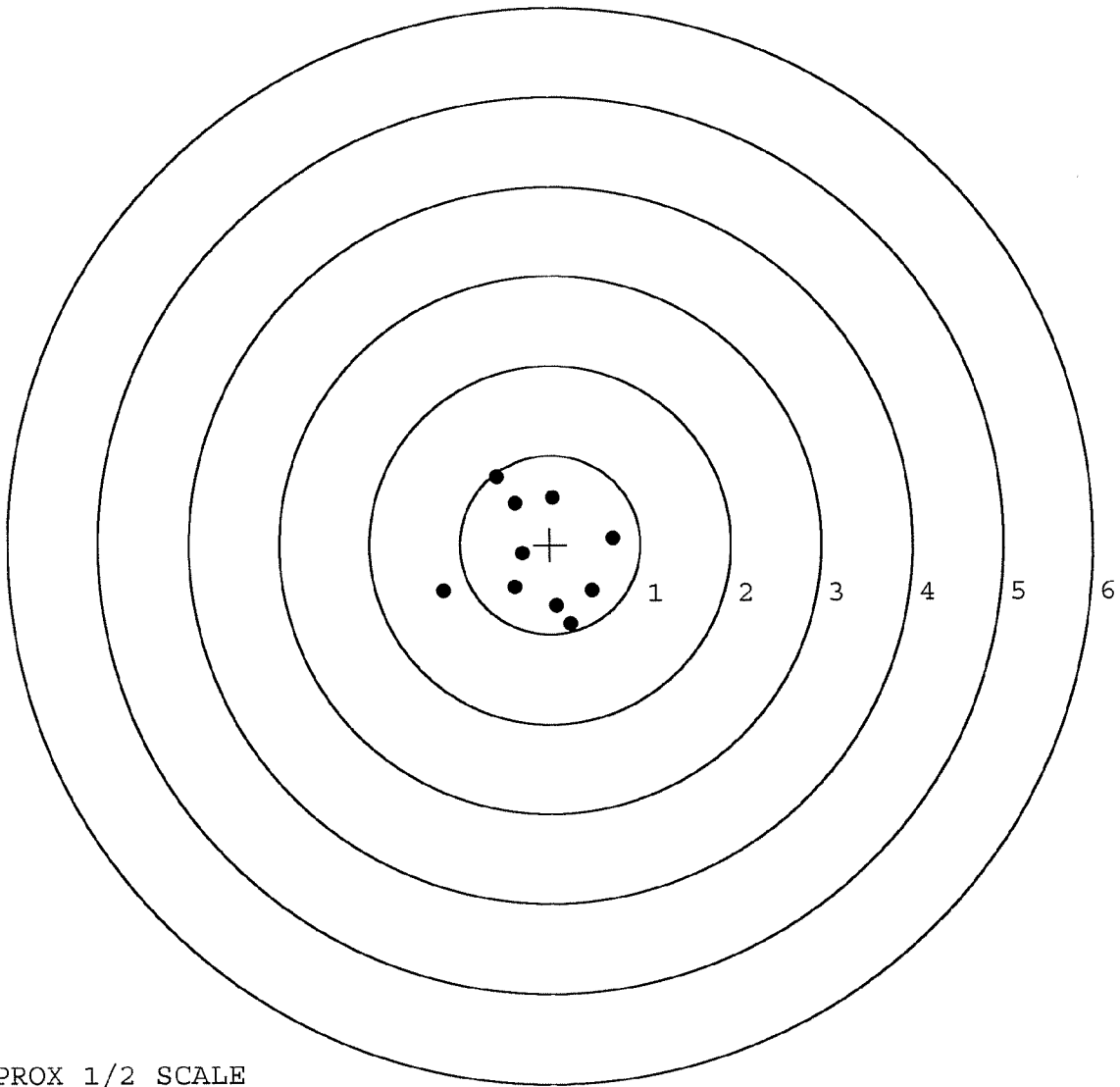
TARGET APPROX 1/2 SCALE

BARBER - M24 0041981

SERIAL NUMBER: C6348935. __0
TARGET NUMBER: 4
FILE DATE: 10/15/2002
FILE TIME: 13:49

POINT#	X	Y
1:	0.222	-0.898
2:	0.070	-0.693
3:	0.464	-0.522
4:	0.695	0.069
5:	0.028	0.524
6:	-0.388	0.463
7:	-0.591	0.756
8:	-0.313	-0.102
9:	-0.399	-0.482
10:	-1.184	-0.520

X CENTROID: -0.140
Y CENTROID: -0.141
POA TO CENTROID: 0.198
HORZ SPREAD: 1.879
VERT SPREAD: 1.654
GROUP SPREAD: 1.969
MIN RADIUS: 0.178
MAX RADIUS: 1.111
MEAN RADIUS: 0.706
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



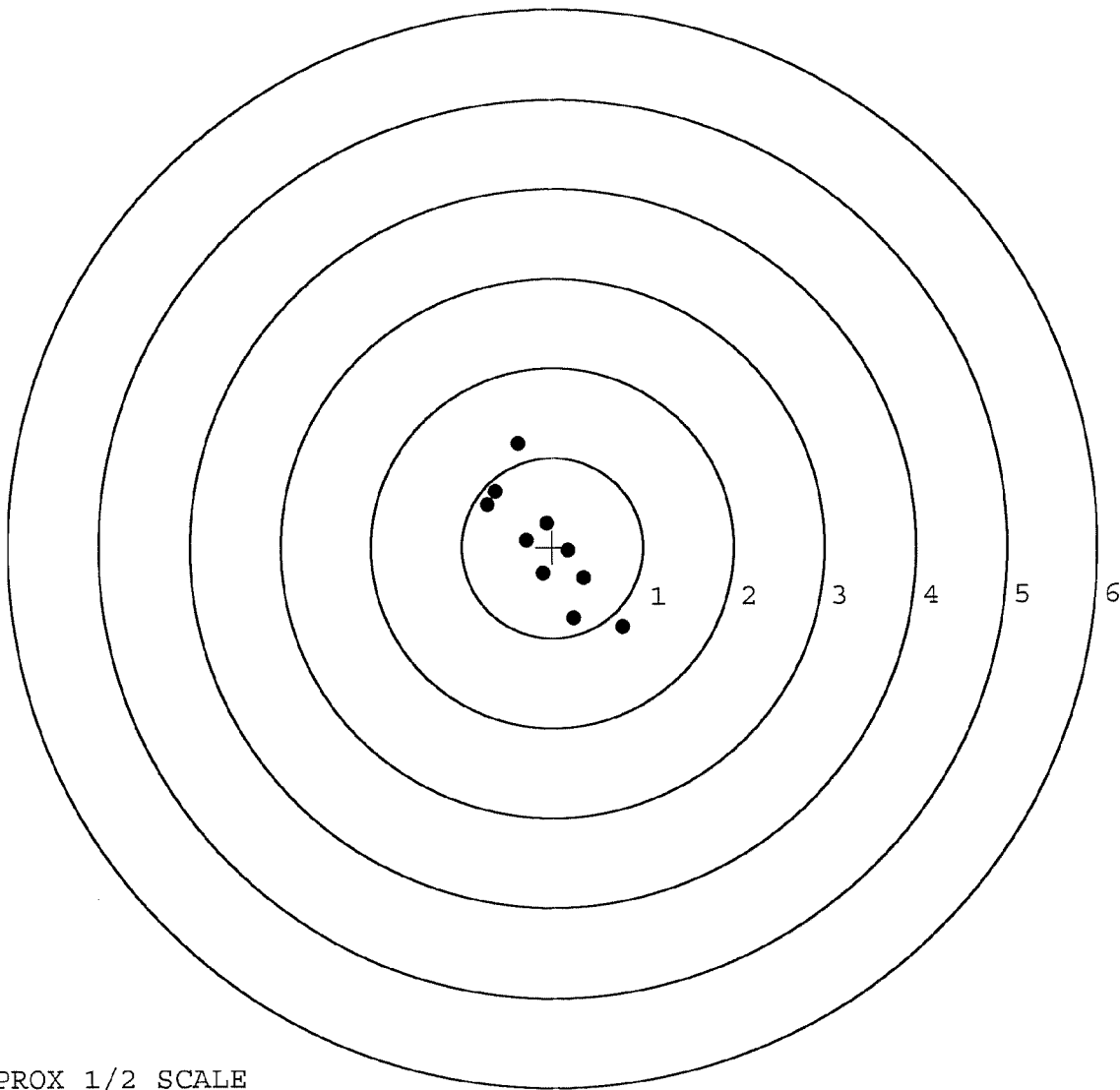
TARGET APPROX 1/2 SCALE

BARBER - M24 0041982

SERIAL NUMBER: C6348935. __0
TARGET NUMBER: 5
FILE DATE: 10/15/2002
FILE TIME: 13:49

POINT#	X	Y
1:	0.769	-0.887
2:	0.229	-0.787
3:	-0.718	0.479
4:	-0.630	0.621
5:	-0.374	1.155
6:	0.342	-0.347
7:	-0.112	-0.294
8:	0.171	-0.045
9:	-0.061	0.264
10:	-0.289	0.080

X CENTROID: -0.067
Y CENTROID: 0.024
POA TO CENTROID: 0.071
HORZ SPREAD: 1.487
VERT SPREAD: 2.042
GROUP SPREAD: 2.340
MIN RADIUS: 0.229
MAX RADIUS: 1.237
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

6348935

DATE REC'D: 9/19/02

DATE RET'D: 10/15/02

EDITOR: R

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: _____

R & E NUMBER	32611		
SERIAL NUMBER	C6348935		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-24-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-26-02	AC
605	CHECK HEADSPACE	9-26-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	OPERATOR	RL
615	ROLLMARK CALIBER	9/27/02	TU
618	ROTO-BLAST	9/29/02	SO
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/11/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-14-02	AC
655	FINAL INSPECT	10-15-02	RL
660	PACK	10-16-02	1979
		SHIP DATE	
QAR INSPECTION DATE			

Remington
MODEL 700™ M24

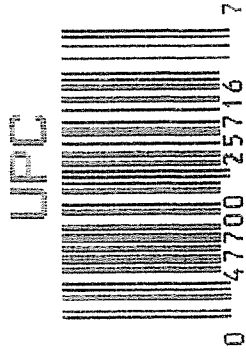
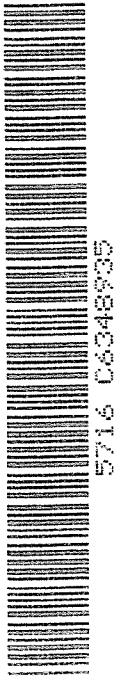
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

SERIAL NO.
C6348935

ORDER NO.
5716

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348935

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun		89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		LS
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-1/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		11/10/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/10/89	228

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/19/89	JK
	G) Safety Off Force	3	3	3			10/19/89	JK
	H) Trigger Pull Test & Retainability						19 Oct 89	JK
	I) Firing Pin Indent	.0215	.0215	.021			14/19/89	JK
	J) Assemble Stock						10/18/89	JK
	K) Assemble Swivel Studs						23 Oct 89	JK
	L) Attach Front and Rear Sight Assemblies						12/4/89	JK
	M) Iron Sight Alignment						12/4/89	JK
	N) Detach Front & Rear Sights & place in numbered container						12/4/89	JK
	O) Attach Scope to Rifle						19 Oct 89	JK
	P) Detach & Attach Scope 20 Times						19 Oct 89	JK
640	Gallery Target & Test						10-20-89	DH
	A) Time						10-20-89	DH
	B) Malfunctions						10-20-89	DH
	C) Pierced Primers						10-20-89	DH
	D) Optical Clarity of Scope						10-20-89	DH
645	Inspect for Live Ammo						10-20-89	DH
655	Final Inspection							
	A) Headspace						23 Oct 89	JK
	B) Trigger Pull	242	259	250	270	273	23 Oct 89	JK
	C) Function						23 Oct 89	JK
660	Pack						15 Dec 89	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348735DATE 3-26-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	^{2 3} 2.32	^{2 1} 2.45		^{2 1} 2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.46		2.53	
PULL #3	2.48	2.42		2.60	
PULL #4	2.49	2.50		2.50	
PULL #5	2.47	2.34		2.52	
TOTAL	12.24	12.17		12.71	
AVG.	2.448	2.434		2.542	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	^{2 2} 3.51	^{2 2} 3.56		
PULL #2	3.43	3.46		
PULL #3	3.56	3.62		
PULL #4	3.49	3.54		
PULL #5	3.55	3.54		
TOTAL	17.54	17.72		
AVG.	3.508	3.544		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.29		
PULL #2	4.10	4.04		
PULL #3	4.31	4.30		
PULL #4	4.32	4.34		
PULL #5	4.34	4.34		
TOTAL	20.17	21.31		
AVG.	4.234	4.262		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348935
28 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.485507
1 TO	2	.494418
1 TO	3	.116503
1 TO	4	.765722
1 TO	5	.250018

σ^2 ← PDR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .061
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2114
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220025
THE AMR FOR THIS RIFLE IS: .9162

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348935

CENTERFIRE PATTERNS

1

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HE= 2.204

VS= 2.051

GS= 2.440

PATTERN #

1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.981	.834	.931
MINIMUM X	:	-1.323	-1.388	-1.291
MAXIMUM Y	:	1.144	1.148	1.035
MINIMUM Y	:	-.907	-.903	-.932
CENTROID X	:	-.066	.081	-.016
CENTROID Y	:	-.481	-.485	-.372
POB TO CENTROID in.	:	.486	.492	.373
MIN RADIUS	:	.100	.231	.215
MEAN RADIUS	:	.950	.907	.866
MAX RADIUS	:	1.324	1.400	1.324
HORIZONTAL SPREAD	:	2.304	2.222	2.222
VERTICAL SPREAD	:	2.051	2.051	1.967
EXTREME SPREAD	:	2.440	2.407	2.407
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348335

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 9

HS= 1.888

VS= 2.702

GS= 2.784

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.121	1.036	1.014
MINIMUM X	-0.765	-0.628	-0.650
MAXIMUM Y	1.535	1.586	1.462
MINIMUM Y	-1.167	-0.997	-1.258
CENTROID X	0.102	0.187	0.209
CENTROID Y	-0.016	-0.186	-0.062
POA TO CENTROID in.	0.103	0.264	0.218
MIN RADIUS	0.087	0.067	0.054
MEAN RADIUS	0.649	0.497	0.441
MAX RADIUS	1.715	1.043	1.043
HORIZONTAL SPREAD	1.886	1.664	1.664
VERTICAL SPREAD	2.702	1.583	1.720
EXTREME SPREAD	2.784	1.681	1.681
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

28 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346535

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 7

HS= 2.202

VS= 3.602

CS= 3.630

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.513	1.486	1.396
MINIMUM X	-1.689	-1.716	-1.695
MAXIMUM Y	1.723	1.515	1.597
MINIMUM Y	-1.879	-1.057	-1.868
CENTROID X	-1.003	1.024	1.114
CENTROID Y	-1.383	-1.175	-1.364
POA TO CENTROID in.	1.383	1.176	1.381
MIN RADIUS	1.241	1.045	1.219
MEAN RADIUS	1.947	1.797	1.725
MAX RADIUS	1.894	1.675	1.400
HORIZONTAL SPREAD	2.202	2.202	2.091
VERTICAL SPREAD	3.602	2.572	1.465
EXTREME SPREAD	3.630	2.855	2.100
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 7		

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348935

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 2.502

VS= 2.574

GS= 3.225

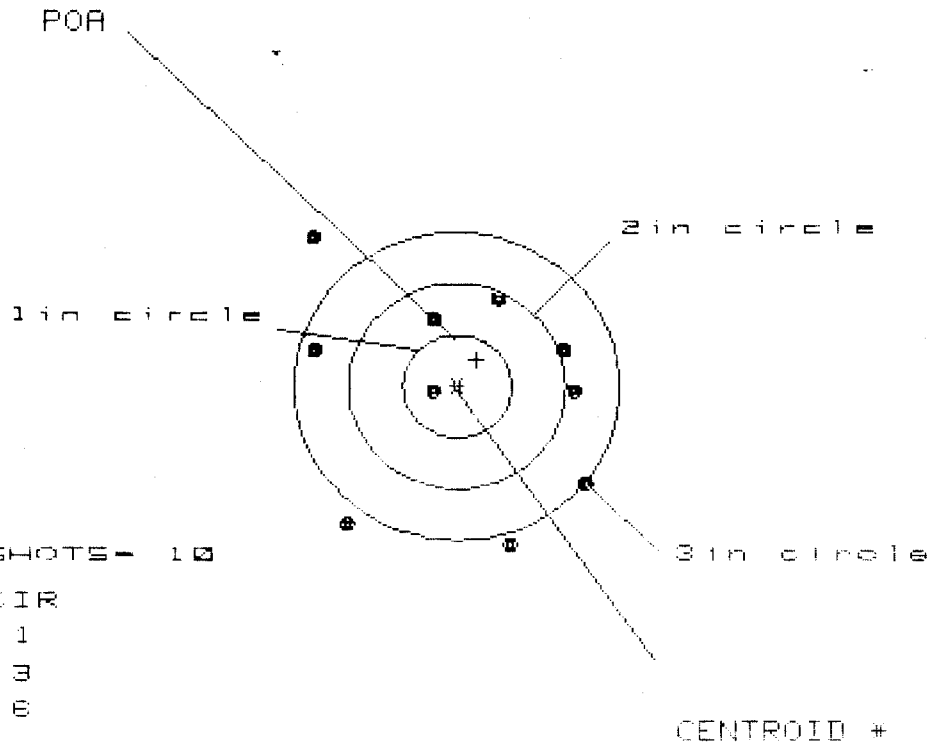
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.776	.553	.496
MINIMUM X	:	-.726	-.528	-.585
MAXIMUM Y	:	.979	1.038	.845
MINIMUM Y	:	-1.595	-1.536	-.807
CENTROID X	:	.453	.255	.312
CENTROID Y	:	.082	.023	.216
POA TO CENTROID in.	:	.460	.256	.379
MIN RADIUS	:	.102	.285	.139
MEAN RADIUS	:	.817	.687	.546
MAX RADIUS	:	1.853	1.602	.980
HORIZONTAL SPREAD	:	2.502	1.081	1.081
VERTICAL SPREAD	:	2.574	2.574	1.653
EXTREME SPREAD	:	3.225	2.764	1.675
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

20 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346335

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 2.538

VS = 3.039

GS = 3.534

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.180	1.034	.890
MINIMUM X	:	-1.358	-1.504	-1.640
MAXIMUM Y	:	1.505	1.046	.904
MINIMUM Y	:	-1.534	-1.367	-1.509
CENTROID X	:	-.181	-.035	.109
CENTROID Y	:	-.259	-.426	-.284
POA TO CENTROID in.	:	.315	.427	.304
MIN RADIUS	:	.231	.416	.522
MEAN RADIUS	:	1.218	1.139	1.045
MAX RADIUS	:	1.996	1.617	1.692
HORIZONTAL SPREAD	:	2.538	2.538	2.538
VERTICAL SPREAD	:	3.039	2.413	2.413
EXTREME SPREAD	:	3.534	2.947	2.847
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

RECEIVING BARBER ESTIM M24 0041295 RT

COMMENTS

ORDER

R 96-09651

INITIALS
JJM

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/08/96

04/08/96

EJ 10-89

C6348935

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA
98433

CUST NO: 141138 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
Stock - 96018
Mag Spring - 15677

Repowder Coat Trigger Guard
Assy, Front of Rear Sight Bases
ReZinc Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041295 RT

Barrel
Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348935

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/15/96	RW
600	Proof		4/15/96	RW
607	Check Headspace		4/15/96	RW
610	Dis-assemble Gun		4/15/96	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		4/22/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/22/96	RW
	C) Inspect Ejector Hole for Chamfer		4/22/96	RW
	D) Oil Firing Pin Ass'y		4/22/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0041997 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		4/22/96	RW
	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		4/22/96	AT
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/20/96	AT
655	Final Inspection			
	A) Headspace		4/23/96	RW
	B) Trigger Pull		4/23/96	RW
	C) Function		4/23/96	RW
660	Pack			

Final Inspection

Sn: C6348935

DATE REC'D: 4/8/96

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

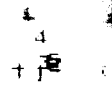
☒ SAFETY OPERATION☒ SET

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348935
22 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.399825
1 TO	2	.344398
1 TO	3	.244659
1 TO	4	.675758
1 TO	5	.376778


 ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5378
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1968
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .572677
 THE AMR FOR THIS RIFLE IS: 1.078

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348935

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in - 0

2in - 6

3in - 10

HS= 1.933

VS= 2.738

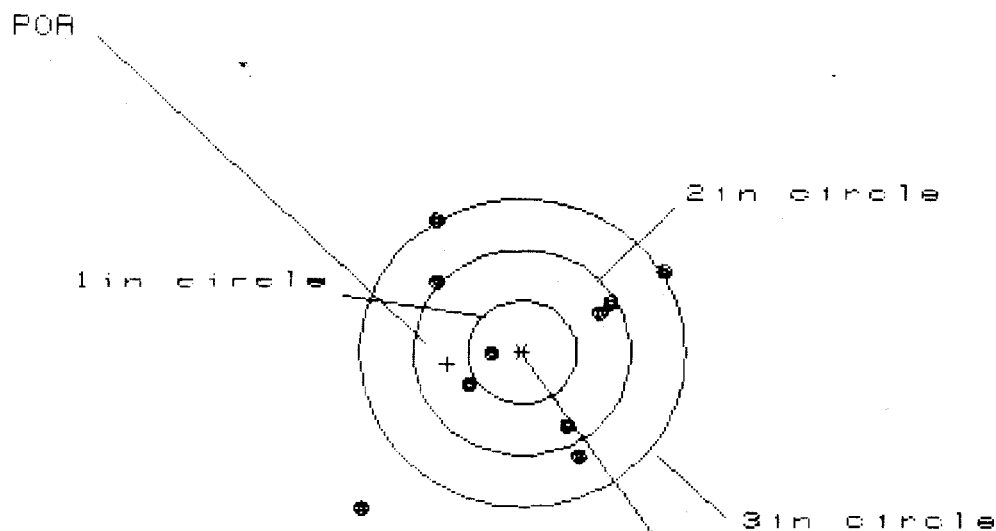
GS= 2.774

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.778	.775	.828
MINIMUM X	-1.155	-1.158	-1.105
MAXIMUM Y	1.483	1.346	1.210
MINIMUM Y	-1.255	-1.090	-.942
CENTROID X	.394	.396	.343
CENTROID Y	-.068	-.233	-.097
POA TO CENTROID in.	.399	.460	.357
MIN RADIUS	.606	.475	.556
MEAN RADIUS	1.018	.929	.915
MAX RADIUS	1.487	1.444	1.340
HORIZONTAL SPREAD	1.933	1.933	1.933
VERTICAL SPREAD	2.738	2.436	2.152
EXTREME SPREAD	2.774	2.438	2.209
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348935

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.742

VS= 2.702

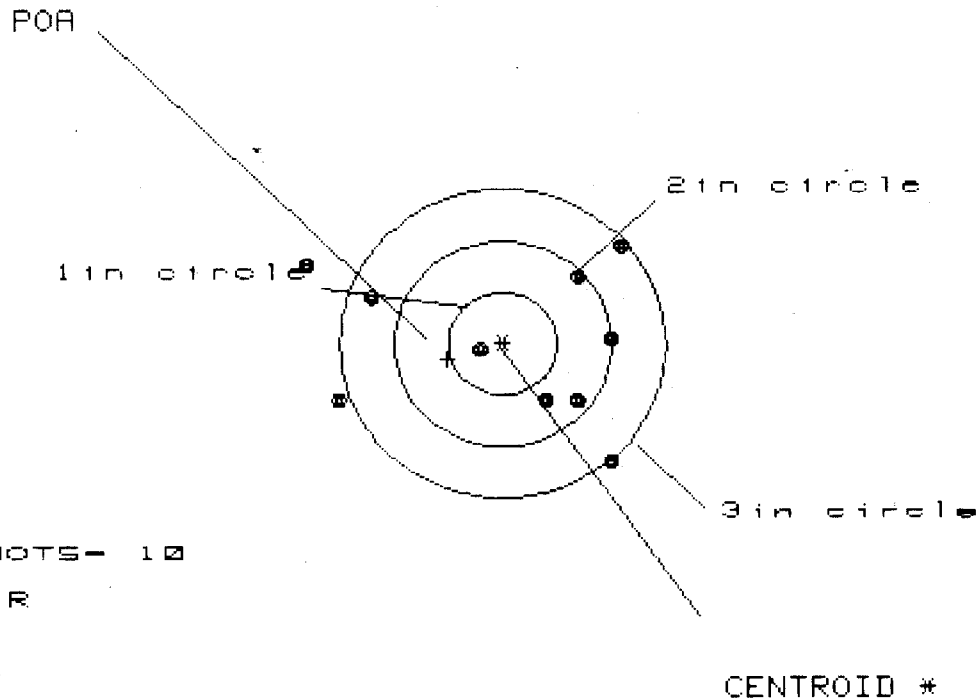
GS= 3.548

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.298	1.137	.841
MINIMUM X	-1.444	-.944	-.801
MAXIMUM Y	1.253	1.088	1.164
MINIMUM Y	-1.479	-1.181	-1.105
CENTROID X	.687	.848	.706
CENTROID Y	.113	.278	.202
POA TO CENTROID in.	.696	.892	.734
MIN RADIUS	.323	.509	.351
MEAN RADIUS	1.088	.968	.909
MAX RADIUS	2.067	1.440	1.414
HORIZONTAL SPREAD	2.742	2.981	1.642
VERTICAL SPREAD	2.702	2.269	2.269
EXTREME SPREAD	3.548	2.613	2.613
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348935

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 8

HS- 2.853

VS- 2.089

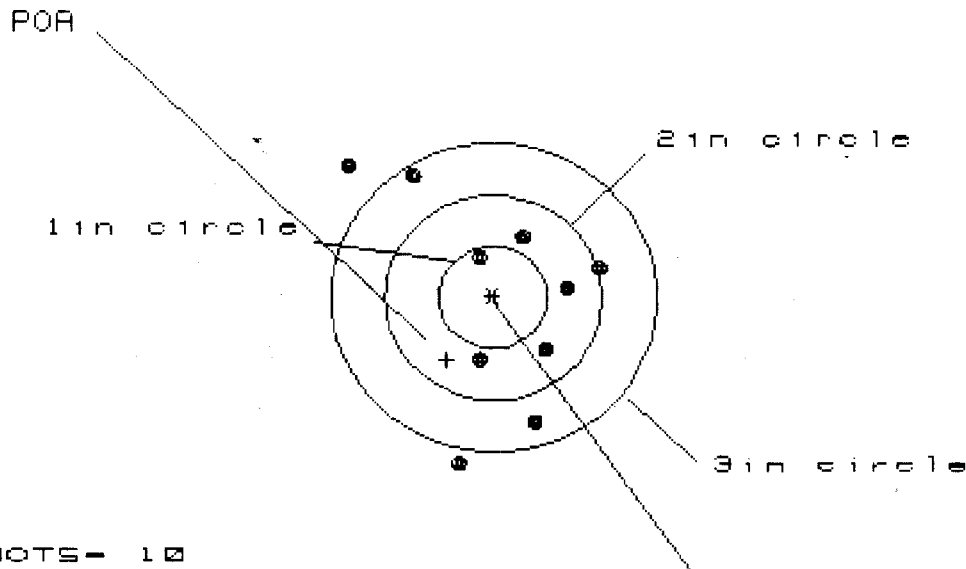
GS- 3.279

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.094	.899	.683
MINIMUM X	:	-1.759	-1.723	-1.660
MAXIMUM Y	:	.981	1.063	1.006
MINIMUM Y	:	-1.108	-1.026	-1.083
CENTROID X	:	.507	.702	.918
CENTROID Y	:	.149	.067	.124
POA TO CENTROID in.	:	.528	.705	.926
MIN RADIUS	:	.190	.384	.516
MEAN RADIUS	:	1.132	1.011	.880
MAX RADIUS	:	1.906	1.783	1.713
HORIZONTAL SPREAD	:	2.853	2.622	2.343
VERTICAL SPREAD	:	2.089	2.089	2.089
EXTREME SPREAD	:	3.279	3.030	2.670
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348935

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in - 1

2in - 6

3in - 8

HS - 2.285

VS - 2.861

GS - 3.044

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.930	.780	.721
MINIMUM X	-1.355	-.905	-.964
MAXIMUM Y	1.298	1.378	1.201
MINIMUM Y	-1.563	-1.419	-1.210
CENTROID X	.426	.576	.635
CENTROID Y	.607	.463	.640
POA TO CENTROID in.	.742	.739	.901
MIN RADIUS	.413	.477	.426
MEAN RADIUS	1.013	.886	.791
MAX RADIUS	1.876	1.649	1.540
HORIZONTAL SPREAD	2.285	.685	1.685
VERTICAL SPREAD	2.861		2.411
EXTREME SPREAD	3.04		2.670
NUMBER IN ONE INCH CIRCLE =			
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =			

22 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6346935

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.490

VS= 3.387

GS= 3.387

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.000	.960	.912
MINIMUM X	-1.490	-1.530	-1.578
MAXIMUM Y	1.496	1.285	1.030
MINIMUM Y	-1.891	-1.132	-.971
CENTROID X	.675	.715	.763
CENTROID Y	.183	.394	.233
POA TO CENTROID in.	.699	.816	.798
MIN RADIUS	.336	.236	.357
MEAN RADIUS	1.145	1.027	.981
MAX RADIUS	1.926	1.644	1.578
HORIZONTAL SPREAD	2.490	1.990	2.490
VERTICAL SPREAD	3.387	2.565	2.001
EXTREME SPREAD	3.387	2.565	2.565
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	