

C6348821

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

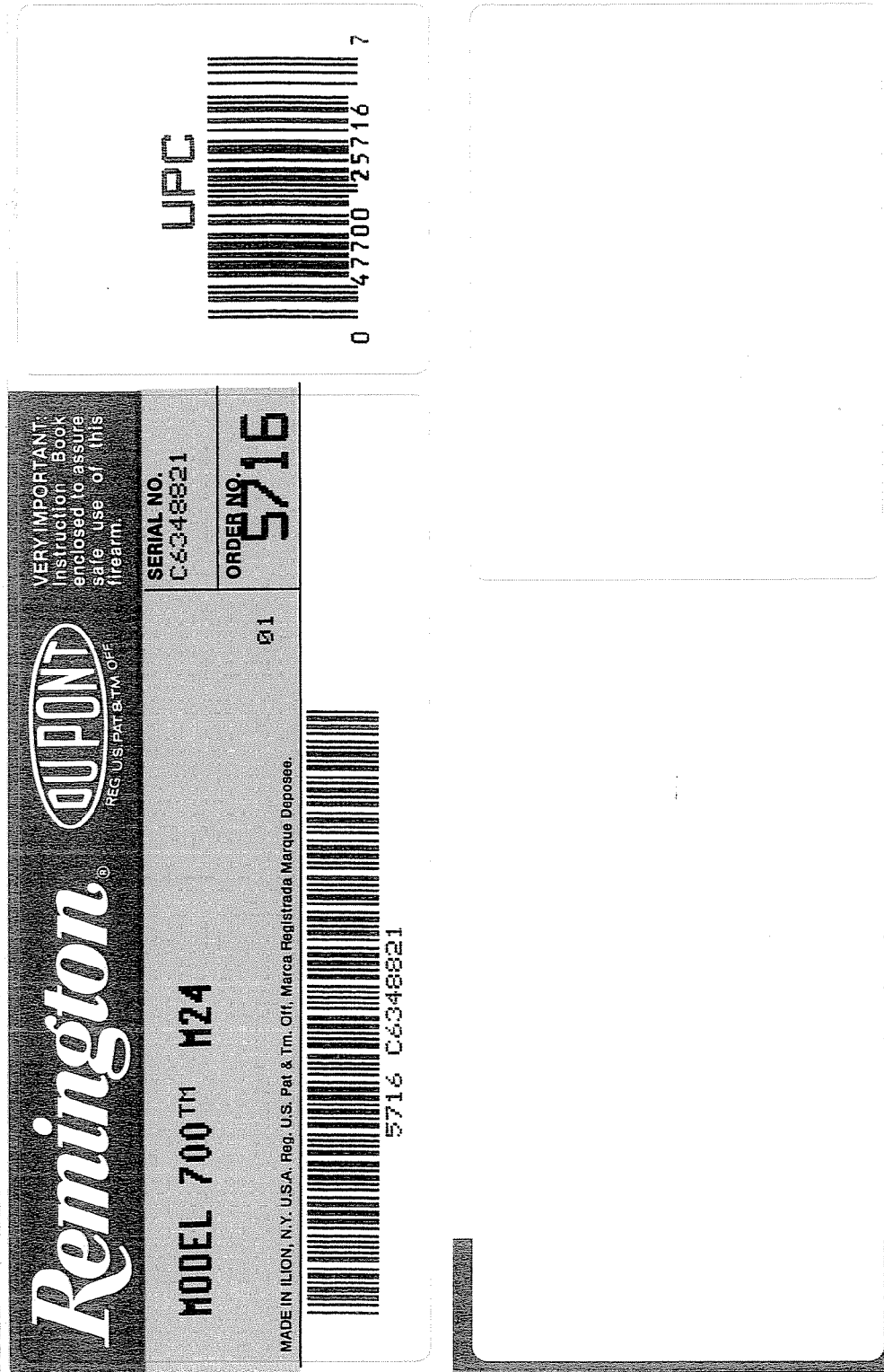
Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

Sweet's



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348821

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 11	89	RW
600	Proof	8 11	89	RW
607	Check Headspace	8 11	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber		8/15/89	JL
7	Drill and Tap Sight Holes	8 16	89	
618	Polish Barrel <i>RB</i>	8 16	89	
620	Apply Coatings (Barrel Action)		8-19-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/21/89	RW
	C) Inspect Ejector Hole for Chamfer		8/21/89	RW
	D) Oil Firing Pin Ass'y		8/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/23/89	JCP

op. #	BARBER M24 0039002	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6			23 Aug 89	JS
	G) Safety Off Force	4	4	4			23 Aug 89	JS
	H) Trigger Pull Test & Retainability						23 Aug 89	JS
	I) Firing Pin Indent	0205	0205	0205			23 Aug 89	JS
	J) Assemble Stock						8/23/89	RW
	K) Assemble Swivel Studs						28 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/23/89	RW
	M) Iron Sight Alignment						8/23/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/23/89	RW
	O) Attach Scope to Rifle						23 Aug 89	JS
	P) Detach & Attach Scope 20 Times						23 Aug 89	JS
640	Gallery Target & Test	74 R	76 L				8-25-89	DH
	A) Time						8-25-89	DH
	B) Malfunctions						8-25-89	DH
	C) Pierced Primers						8-25-89	DH
	D) Optical Clarity of Scope						8-25-89	DH
645	Inspect for Live Ammo						8-25-89	DH
655	Final Inspection							
	A) Headspace						28 Aug 89	JS
	B) Trigger Pull	2.67	2.73	2.79	2.75	2.77	28 Aug 89	JS
	C) Function						28 Aug 89	JS
660	Pack						20 Sept 89	JS

BARBER - M24 0039003

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 66348821

DATE 4/11/90

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.42	2.57	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.62	2.38	
PULL #3	2.52	2.41	2.33	
PULL #4	2.40	2.37	2.26	
PULL #5	2.38	2.33	2.24	
TOTAL	12.18	12.30	11.68	
AVG.	2.44	2.46	2.34	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.17		
PULL #2	3.10	3.15		
PULL #3	3.08	3.09		
PULL #4	3.12	3.03		
PULL #5	3.09	3.02		
TOTAL	15.58	15.46		
AVG.	3.12	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.13		
PULL #2	4.11	4.09		
PULL #3	4.09	4.08		
PULL #4	4.04	4.10		
PULL #5	4.02	4.07		
TOTAL	20.46	20.47		
AVG.	4.09	4.09		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348821
28 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.518337
1 TO	2	.445439
1 TO	3	.559242
1 TO	4	.134112
1 TO	5	1.21318

4 5 <----POB

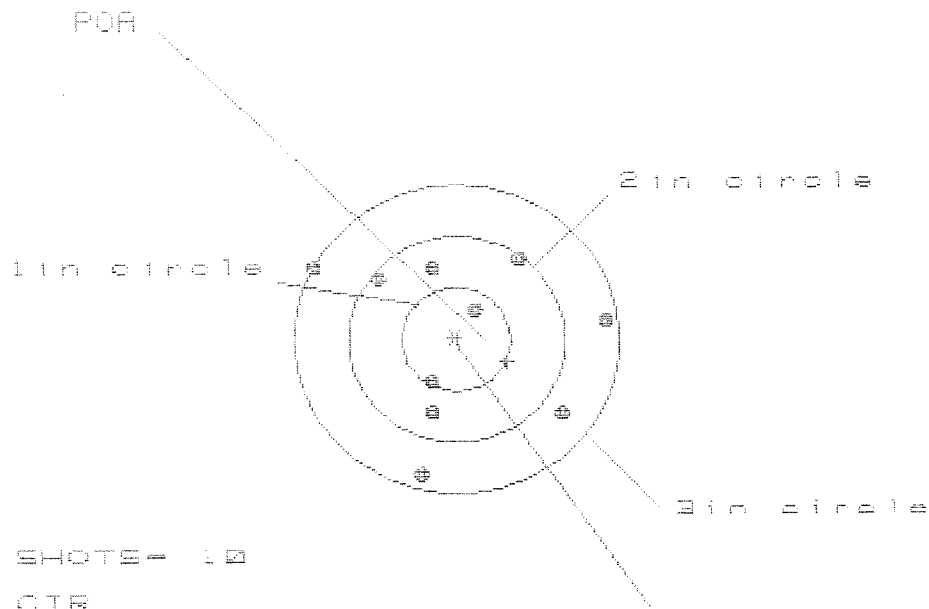
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0568
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0728
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0923368

THE AMR FOR THIS RIFLE IS: 1.021

25 AUG 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B8821

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 2.638

VS = 2.129

GS = 2.675

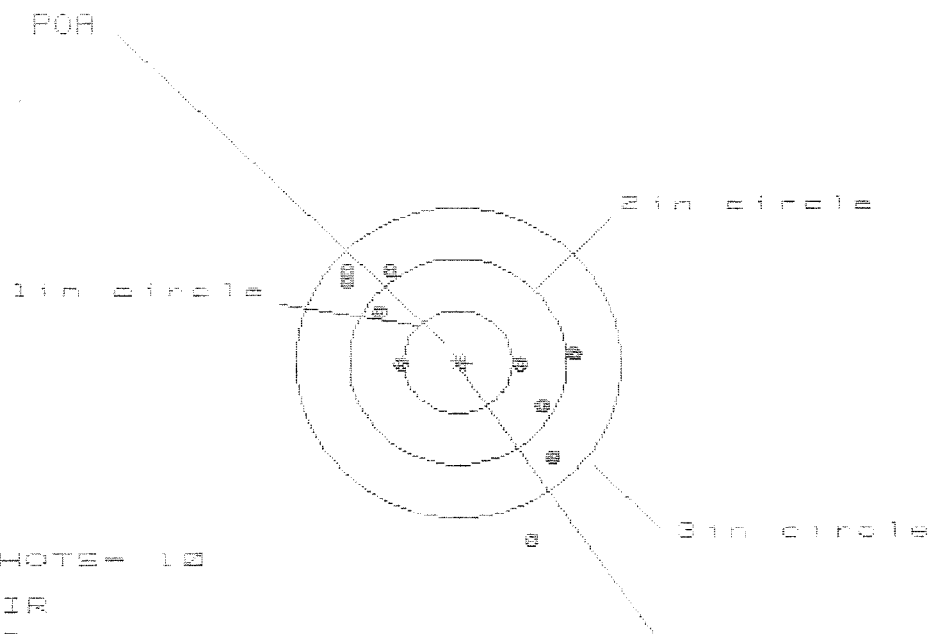
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.326	1.182	1.119
MINIMUM X	-1.299	-0.869	-0.932
MAXIMUM Y	.783	.860	.701
MINIMUM Y	-1.346	-1.269	-0.841
CENTROID X	-.473	-.329	-.266
CENTROID Y	.212	.135	.294
FOR TO CENTROID in.	.518	.356	.387
MIN RADIUS	.317	.328	.165
MEAN RADIUS	.948	.890	.810
MAX RADIUS	1.469	1.364	1.124
HORIZONTAL SPREAD	2.625	2.051	2.051
VERTICAL SPREAD	2.129	2.129	1.542
EXTREME SPREAD	2.675	2.326	2.153
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

25 Aug 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B821

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 9

HS = 2.088

VS = 2.578

GS = 3.102

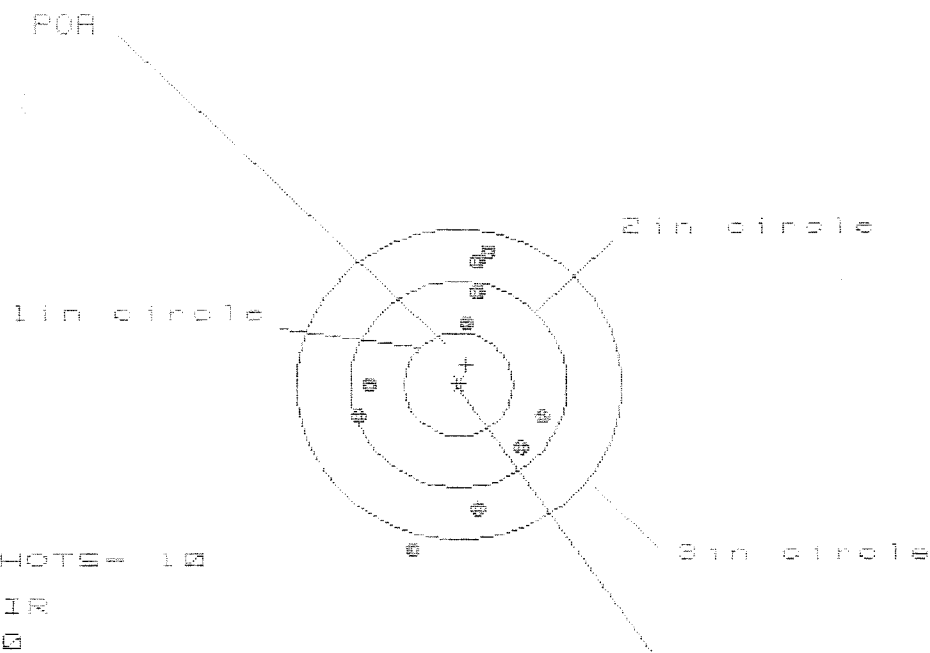
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.045	1.121	1.000
MINIMUM X	-1.043	-0.967	-1.070
MAXIMUM Y	.872	.682	.750
MINIMUM Y	-1.706	-1.115	-1.029
CENTROID X	-.073	-.149	-.020
CENTROID Y	.016	.206	.120
POR TO CENTROID in.	.075	.254	.124
MIN RADIUS	.513	.476	.550
MEAN RADIUS	1.071	.954	.933
MAX RADIUS	1.837	1.472	1.329
HORIZONTAL SPREAD	2.088	2.088	2.070
VERTICAL SPREAD	2.578	1.797	1.779
EXTREME SPREAD	3.102	2.636	2.566
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348881

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 1.691

VS= 2.954

GS= 3.021

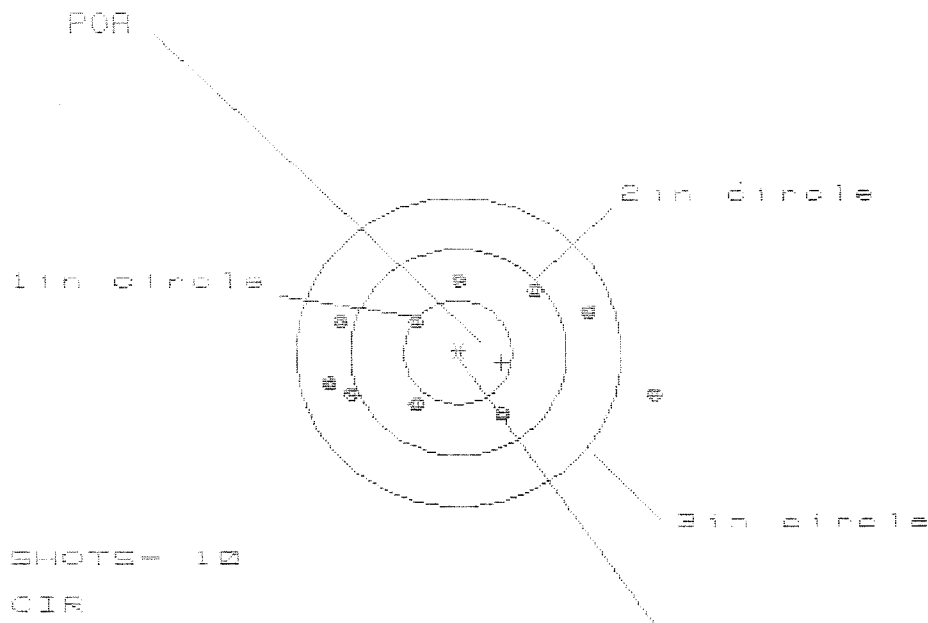
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.755
MINIMUM X	-.936
MAXIMUM Y	1.324
MINIMUM Y	-1.630
CENTROID X	-.074
CENTROID Y	-.194
POA TO CENTROID in.	.208
MIN RADIUS	.597
MEAN RADIUS	1.035
MAX RADIUS	1.677
HORIZONTAL SPREAD	1.691
VERTICAL SPREAD	2.954
EXTREME SPREAD	3.021
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B8821

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.962

VS = 1.361

GS = 2.989

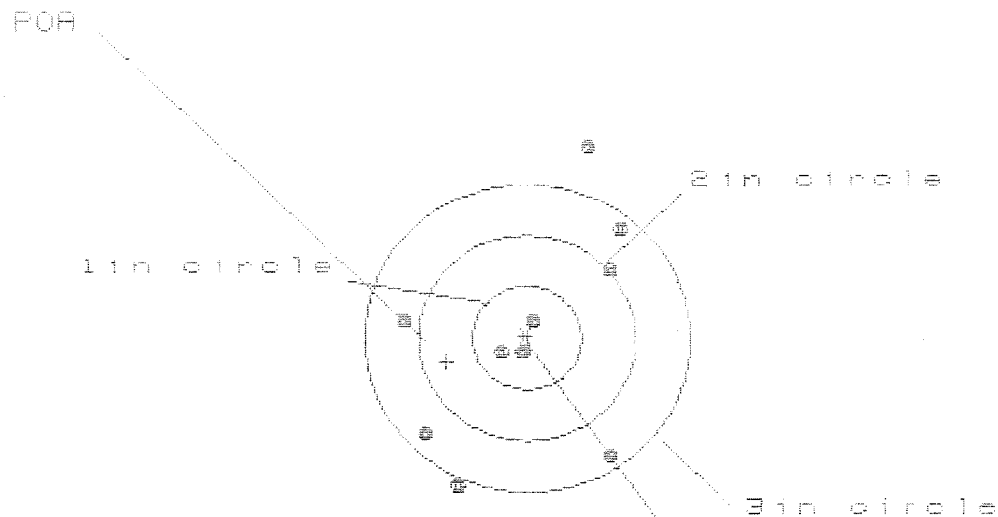
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.869	1.402	1.691
MINIMUM X	-1.153	-.952	-.777
MAXIMUM Y	.729	.690	.730
MINIMUM Y	-.632	-.671	-.631
CENTROID X	-.404	-.605	-.780
CENTROID Y	.097	.136	.096
POA TO CENTROID in.	.415	.620	.786
MIN RADIUS	.526	.364	.347
MEAN RADIUS	1.019	.893	.796
MAX RADIUS	1.843	1.437	1.236
HORIZONTAL SPREAD	2.962	2.354	1.888
VERTICAL SPREAD	1.361	1.361	1.361
EXTREME SPREAD	2.989	2.453	2.060
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

22 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348821

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 3

3in = 8

HS= 3.034

VS= 3.264

GS= 3.462

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.858	.919	.858
MINIMUM X	-1.176	-1.115	-1.184
MAXIMUM Y	1.817	1.232	1.077
MINIMUM Y	-1.447	-1.245	-1.089
CENTROID X	.740	.679	.748
CENTROID Y	.233	.031	.186
POA TO CENTROID in.	.776	.680	.771
MIN RADIUS	.120	.103	.074
MEAN RADIUS	1.033	.930	.855
MAX RADIUS	1.897	1.537	1.372
HORIZONTAL SPREAD	2.034	2.034	2.034
VERTICAL SPREAD	3.264	2.477	2.166
EXTREME SPREAD	3.462	2.880	2.702
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

Repair Inquiry

Repair Number: **RE00118481**Serial: C6348821 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1989

Repairman:

Status:

Closed 10/5/2006 9:42:44 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 1ST BN 5TH SFG (A)

1ST BN 5TH SFG (A)

Address 1: 8TH DESERT STORM (BLDG 5210 PBO)

8TH DESERT STORM (BLDG 5210 PBO)

Address 2: PO Box:

PO Box:

City: FT CAMBELL

FT CAMBELL

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: NA

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

10/6/2006

7:08 AM

CAPS

NUM

INS

SCRL

start

5 Mic...

Arms S...

Part S...

2 Mic...

3 Int...

SAP Lo...

7:08 AM

Serial
Number:**C6348821**Model: **M24 SWS****RE00118481**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348821.___0

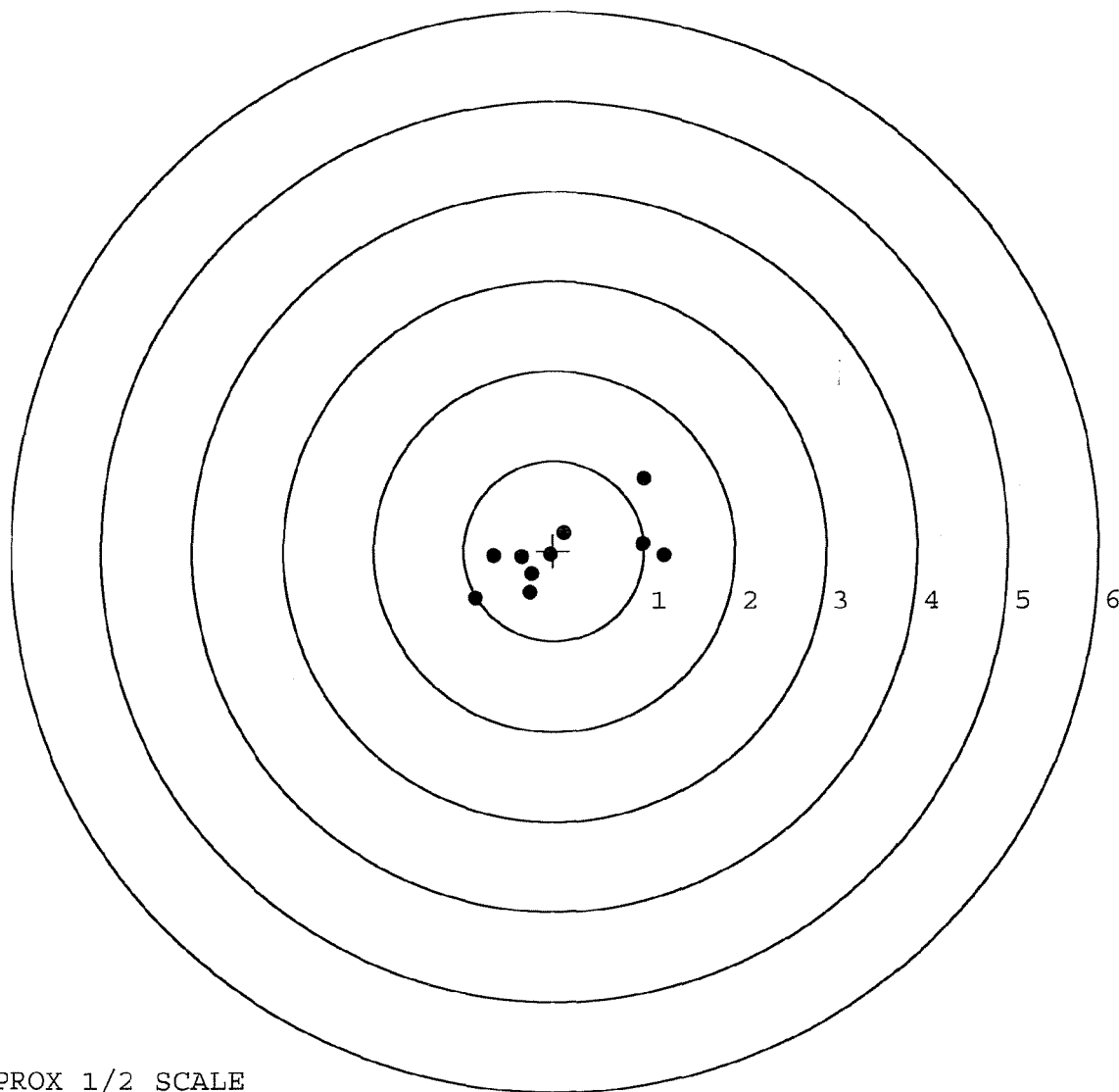
FILE DATE AND TIME: 10/17/2006 13:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.057
The Average Y Centroid of the Five Target Set:	0.019
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.623
The Distance from POA to Centroid Target #1:	0.099
The Distance from Centroid Target #2 to Centroid Target #1:	0.221
The Distance from Centroid Target #3 to Centroid Target #1:	0.154
The Distance from Centroid Target #4 to Centroid Target #1:	0.166
The Distance from Centroid Target #5 to Centroid Target #1:	0.279

BARBER - M24 0039012

SERIAL NUMBER: C6348821. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	1.222	-0.052
FILE DATE: 10/17/2006	2:	0.986	0.085
FILE TIME: 13:35	3:	0.996	0.803
	4:	-0.869	-0.528
X CENTROID: 0.091	5:	-0.660	-0.054
Y CENTROID: -0.040	6:	-0.261	-0.470
POA TO CENTROID: 0.099	7:	-0.242	-0.265
HORZ SPREAD: 2.091	8:	-0.348	-0.070
VERT SPREAD: 1.331	9:	-0.033	-0.044
GROUP SPREAD: 2.291	10:	0.119	0.200
MIN RADIUS: 0.124			
MAX RADIUS: 1.236			
MEAN RADIUS: 0.686			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



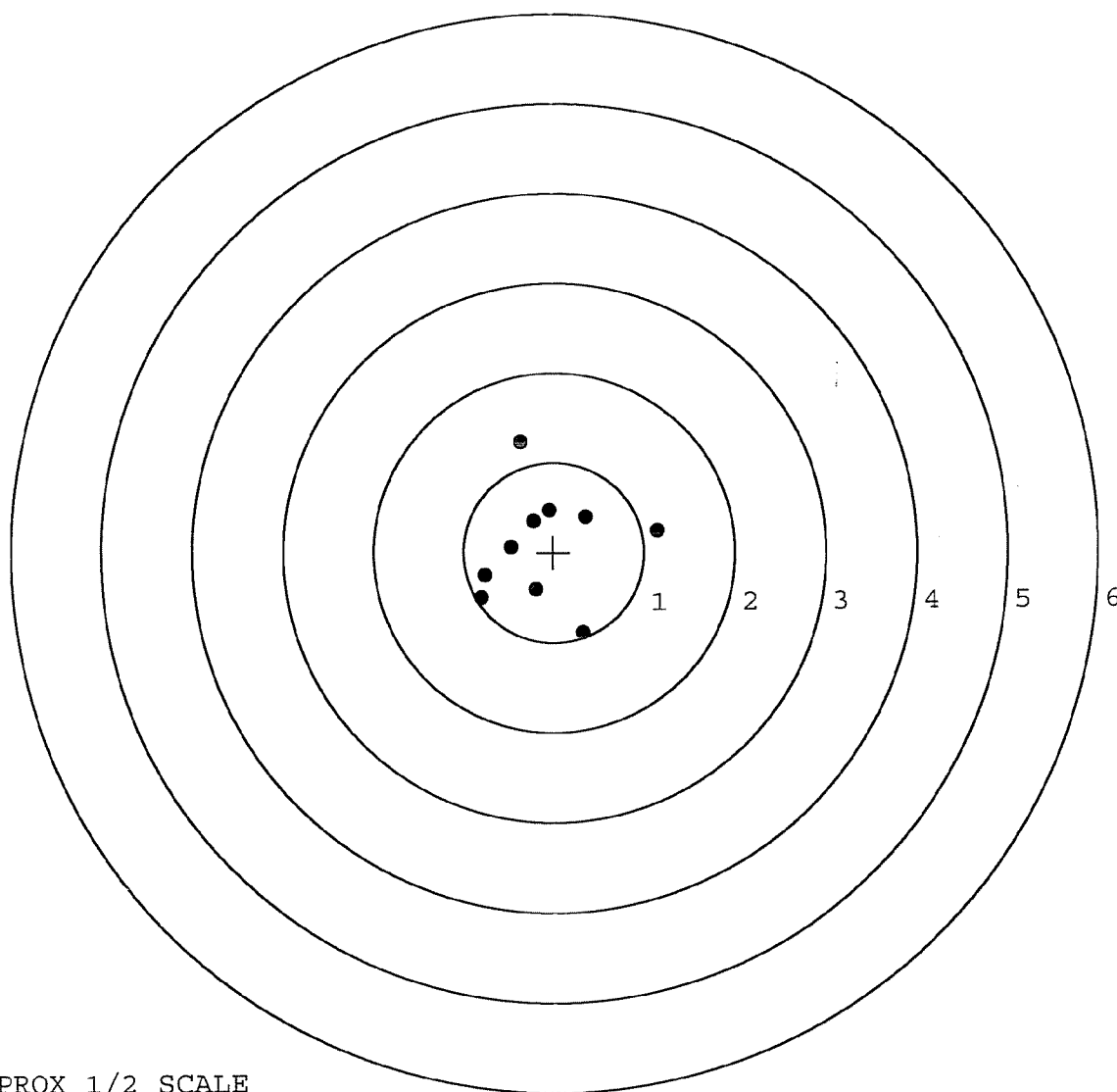
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348821. __0
 TARGET NUMBER: 2
 FILE DATE: 10/17/2006
 FILE TIME: 13:35

POINT#	X	Y
1:	0.323	-0.897
2:	1.152	0.235
3:	0.356	0.389
4:	-0.195	-0.417
5:	-0.805	-0.503
6:	-0.766	-0.256
7:	-0.469	0.055
8:	-0.226	0.344
9:	-0.045	0.466
10:	-0.364	1.229

X CENTROID: -0.104
 Y CENTROID: 0.064
 POA TO CENTROID: 0.122
 HORZ SPREAD: 1.957
 VERT SPREAD: 2.126
 GROUP SPREAD: 2.092
 MIN RADIUS: 0.305
 MAX RADIUS: 1.267
 MEAN RADIUS: 0.728

IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



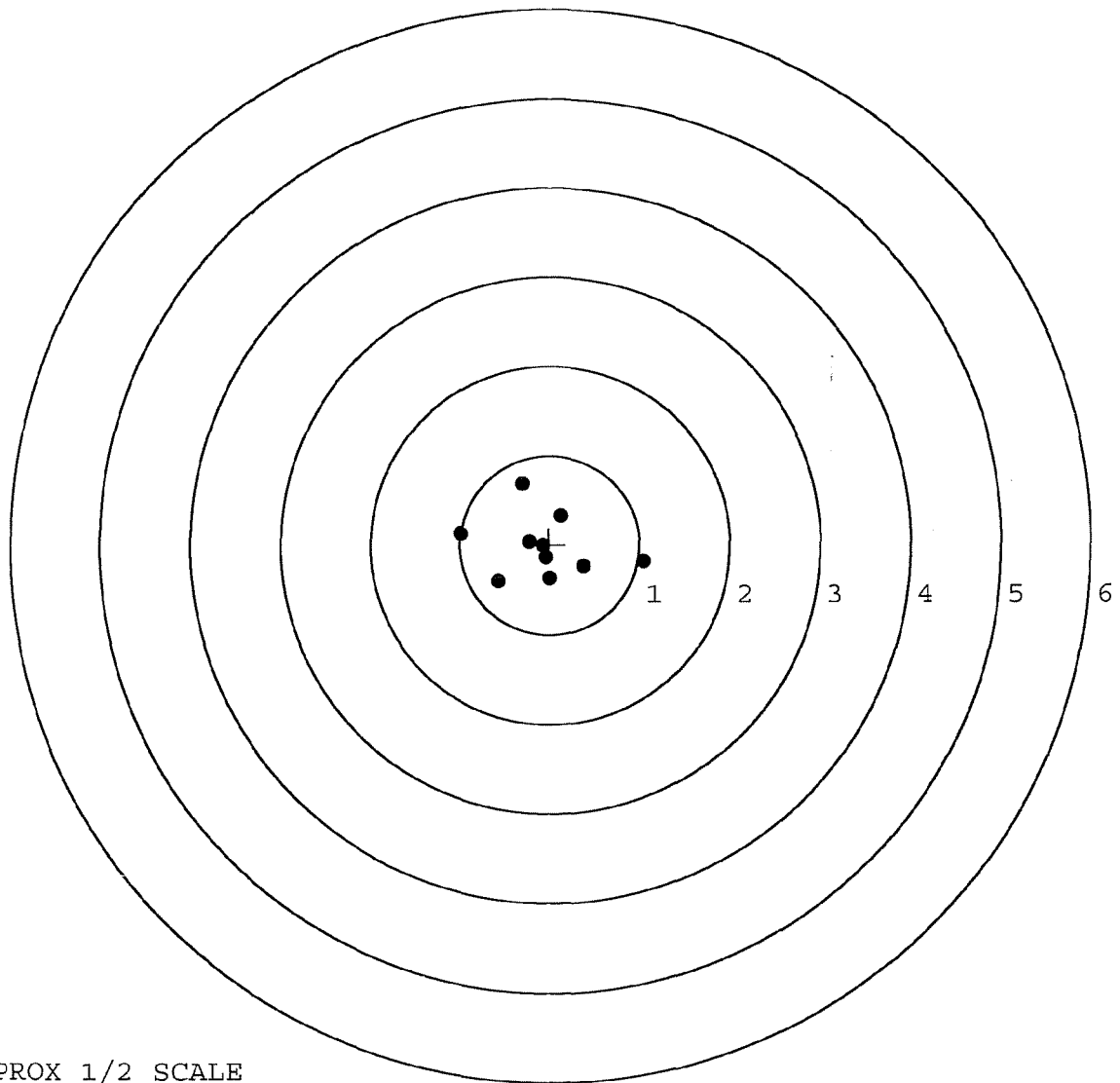
TARGET APPROX 1/2 SCALE

BARBER - M24 0039014

SERIAL NUMBER: C6348821. 0
 TARGET NUMBER: 3
 FILE DATE: 10/17/2006
 FILE TIME: 13:35

POINT#	X	Y
1:	1.053	-0.190
2:	0.381	-0.246
3:	-0.568	-0.417
4:	-0.997	0.121
5:	-0.304	0.680
6:	0.133	0.323
7:	0.010	-0.383
8:	-0.034	-0.153
9:	-0.071	-0.015
10:	-0.224	0.029

X CENTROID: -0.062
 Y CENTROID: -0.025
 POA TO CENTROID: 0.067
 HORZ SPREAD: 2.050
 VERT SPREAD: 1.097
 GROUP SPREAD: 2.073
 MIN RADIUS: 0.013
 MAX RADIUS: 1.127
 MEAN RADIUS: 0.503
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



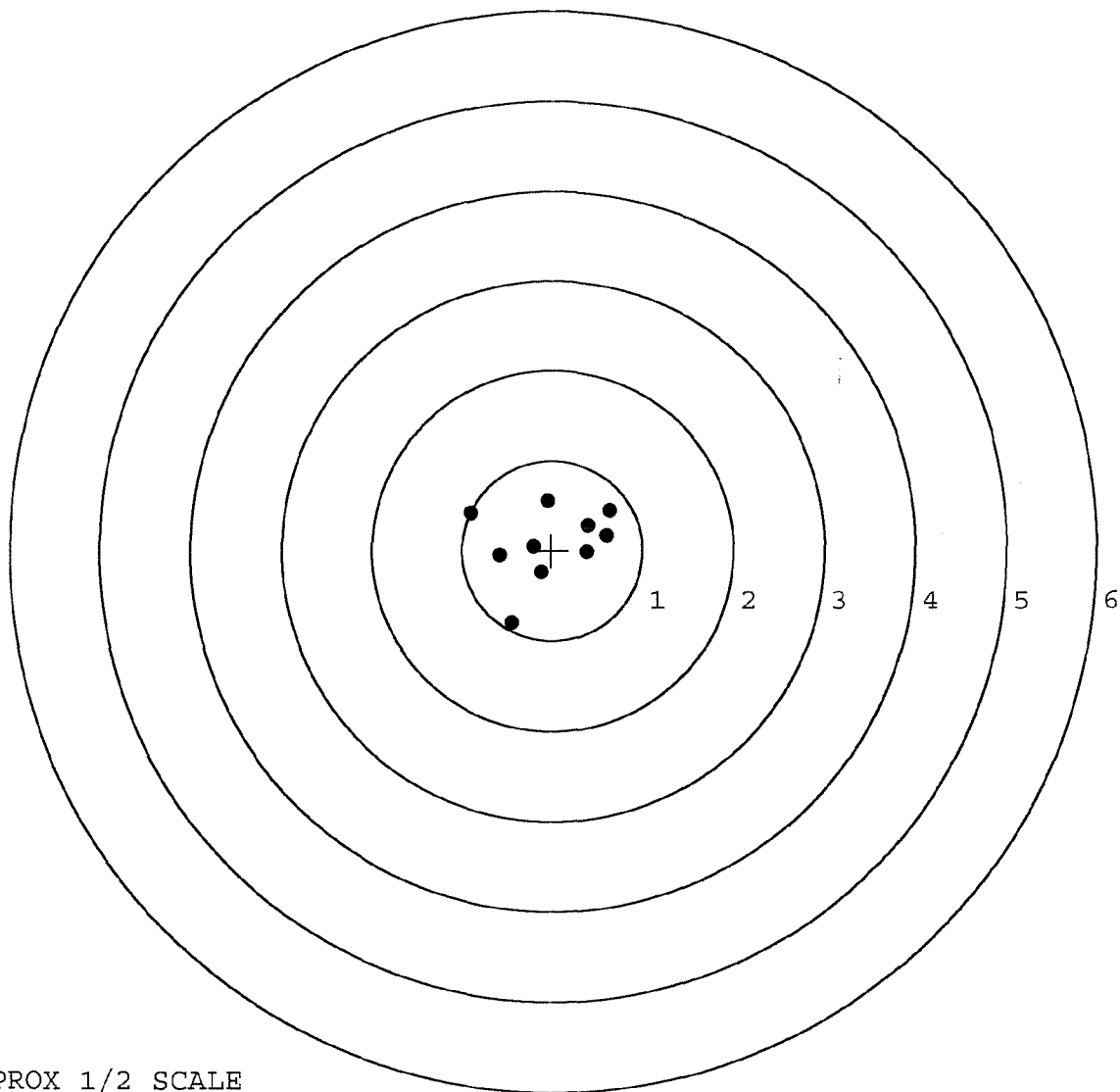
TARGET APPROX 1/2 SCALE

BARBER - M24 0039015

SERIAL NUMBER: C6348821. __0
 TARGET NUMBER: 4
 FILE DATE: 10/17/2006
 FILE TIME: 13:35

POINT#	X	Y
1:	-0.441	-0.811
2:	-0.116	-0.249
3:	-0.203	0.044
4:	-0.577	-0.059
5:	-0.902	0.419
6:	-0.050	0.551
7:	0.393	-0.017
8:	0.603	0.173
9:	0.396	0.283
10:	0.634	0.452

X CENTROID: -0.026
 Y CENTROID: 0.079
 POA TO CENTROID: 0.083
 HORZ SPREAD: 1.536
 VERT SPREAD: 1.362
 GROUP SPREAD: 1.659
 MIN RADIUS: 0.180
 MAX RADIUS: 0.982
 MEAN RADIUS: 0.578
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



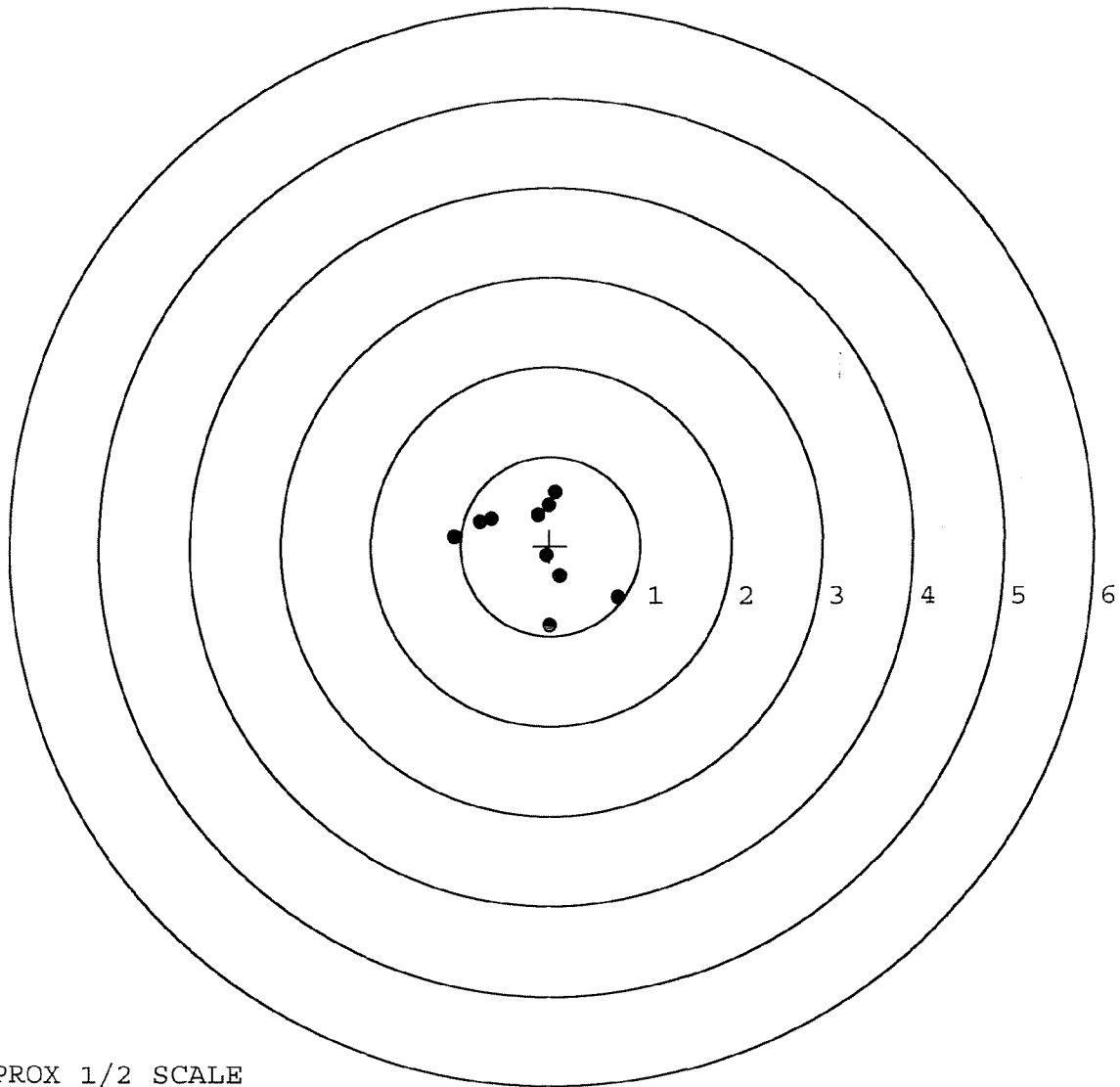
TARGET APPROX 1/2 SCALE

BARBER - M24 0039016

SERIAL NUMBER: C6348821. __0
 TARGET NUMBER: 5
 FILE DATE: 10/17/2006
 FILE TIME: 13:35

POINT#	X	Y
1:	0.747	-0.575
2:	-0.007	-0.888
3:	0.110	-0.335
4:	-0.044	-0.107
5:	-0.664	0.304
6:	-0.787	0.268
7:	-1.071	0.105
8:	-0.140	0.344
9:	-0.021	0.454
10:	0.059	0.604

X CENTROID: -0.182
 Y CENTROID: 0.017
 POA TO CENTROID: 0.183
 HORZ SPREAD: 1.818
 VERT SPREAD: 1.492
 GROUP SPREAD: 1.941
 MIN RADIUS: 0.186
 MAX RADIUS: 1.102
 MEAN RADIUS: 0.621
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

DATE: 20060525

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WH04AA
UTIL CODE: 0

1ST BN, 5TH SFG(A)

PHONE: (270) 798-4766

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: WGYBAA

584TH MAINT COMPANY

PHONE: 798-5260
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE

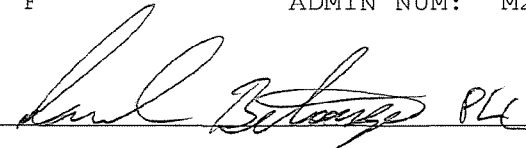
NOUN: RIFLE 7.62MM SNIP SER NUM: C6348821 QTY: 00001

ORG WON: H04AA1606841 PRIORITY: 02 FAILURE DETECTED: A

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: M24-28

DEFICIENCY: BENT BARREL

PD AUTHENTICATING SIGNATURE:  PLC

----- SIGNATURE DATA -----

SUBMITTED BY: _____ ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

DATE: 20060525

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WH04AA
UTIL CODE: 0

1ST BN, 5TH SFG(A)

PHONE: (270) 798-4766

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: WGYBAA

584TH MAINT COMPANY

PHONE: 798-5260
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE

NOUN: RIFLE 7.62MM SNIP SER NUM: C6348821 QTY: 00001

ORG WON: H04AA1606841 PRIORITY: 02 FAILURE DETECTED: A

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: M24-28

DEFICIENCY: BENT BARREL

PD AUTHENTICATING SIGNATURE: 

----- SIGNATURE DATA -----

SUBMITTED BY: _____ ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 10-6-06

TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.46	2.30	2.59		
PULL #2	2.51	2.29	2.69		
PULL #3	2.54	2.27	2.51		
PULL #4	2.44	2.25	2.58		
PULL #5	2.48	2.34	2.53		
TOTAL	1243	1145	1290		
AVERAGE	248	229	258		

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	2.96		
PULL #2	3.09	2.83		
PULL #3	3.06	3.01		
PULL #4	3.08	2.99		
PULL #5	3.03	2.99		
TOTAL	1540	1478		
AVERAGE	308	295		

	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	4.05	3.98		4.00
PULL #2	4.11	4.00		4.07
PULL #3	4.14	3.95		4.00
PULL #4	4.10	4.05		3.98
PULL #5	4.19	4.00		4.09
TOTAL	2059	1998		2014
AVERAGE	411	399		402

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	118481			
SERIAL NUMBER	C6348821			
LOG-IN DATE	10-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		10-9-06	RTZ
505	RE-BARREL		10-8-06	RTZ
420	ASSEMBLE		10-8-06	RTZ
440	PROOF	MAGNA-FLUX	10-10-06	TRW
460	CHECK HEADSPACE	INSPECTED	10-10-06	RTZ
470	DIS-ASSEMBLE GUN	OCT 13 2006		
480	MAGNAFLUX	OPERATOR <i>unint</i>	10/13/06	<i>unint</i>
510	DRILL AND TAP		10-13-06	TRW
500	ROLLMARK CALIBER		10-13-06	CW
520	GOFF BLAST BBL / REC		10-14-06	CB
530 & 540	APPLY COATINGS		10/16/06	TRB
560	FINAL ASSEMBLY		10-17-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-17-06	TRW
650	TARGET	PASS FAIL	10-17-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		10-17-06	WIK
	A) HEADSPACE	PASS FAIL	10-18-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.54 2.47 2.53 2.5 2.21	10-18-06 RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 6.0 6.0	10-18-06 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	3.50 3.50 3.25	10-18-06 RTZ
	I) FIRING PIN INDENT	.020	.021 .021 .022	10-18-06 RTZ
690	PACK		10-19-06	DA

F006 REV 5/2006

BARREL ASSEMBLY BARREL RECEIVER FRONT SIGHT BASE REAR SIGHT BASE SCREWS FINISH		STOCK ASSEMBLY STOCK SLING SWIVEL STUDS BUTT PATE LOCK NUTS BARREL CLEARANCE COLOR / FINISH	
SCOPE ASSEMBLY SCOPE SCOPE RINGS MOUNTING SCREWS MOUNTING BASE SCREWS FINISH CLARITY		SYSTEM CASE SCOPE CASE IRON SIGHTS DEPLOYMENT KIT TRIGGER ASSEMBLY SAFETY OPERATION RE-SET TO FACTORY SPECS	
COMMENTS:			

F006 REV 5/2006

[illegible]

Serial Number: C6348821

Model: 700



RE00022073

BARBER - M24 0039023

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348821
13 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0652
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0602
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0887416

THE AMR FOR THIS RIFLE IS: 1.284

CENTROIDAL DISTANCES

Ø TO	1	.764199
1 TO	2	.834556
1 TO	3	1.07114
1 TO	4	.787064
1 TO	5	1.19282

5
3
2 4 <----POA
1

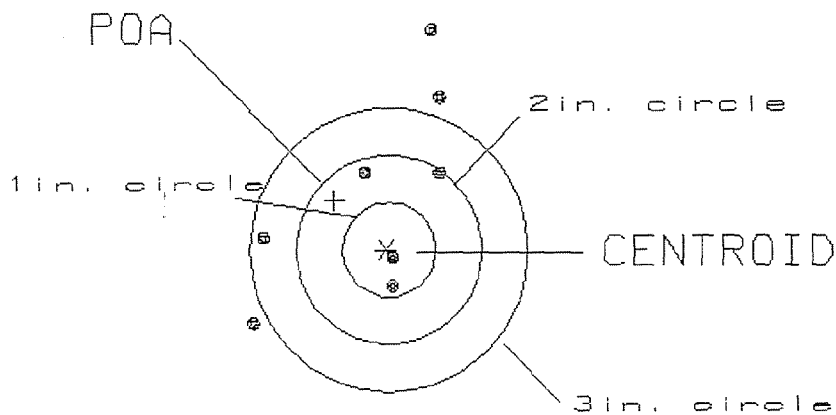
PATTERN #: 1

POA TO CENTROID: .764
 MIN RADIUS : .095
 MEAN RADIUS : 1.413
 MAX RADIUS : 2.363
 CENTROID X : .560
 CENTROID Y : -.520

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348821

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.19
 VS= 4.52
 GS= 4.53

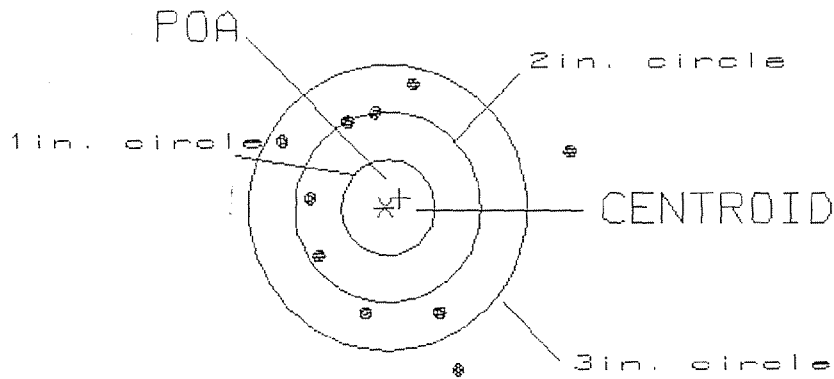
2
 3
 5

PATTERN #: 2
 POA TO CENTROID: .188
 MIN RADIUS : .882
 MEAN RADIUS : 1.287
 MAX RADIUS : 2.081
 CENTROID X : -.160
 CENTROID Y : -.098

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348821

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.11
 VS= 3.03
 GS= 3.12

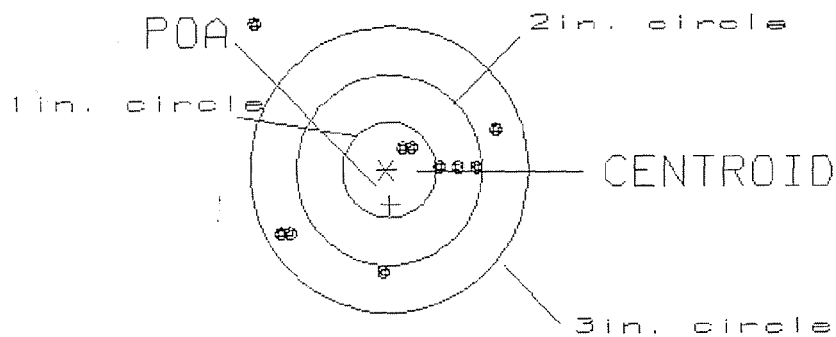
0
 3
 8

PATTERN #: 3
 POA TO CENTROID: .370
 MIN RADIUS : .224
 MEAN RADIUS : .982
 MAX RADIUS : 2.112
 CENTROID X : -.039
 CENTROID Y : .368

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348821

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.60

2

VS= 2.62

5

GS= 2.99

9

REMINGTON CENTERFIRE ACCURACY TEST

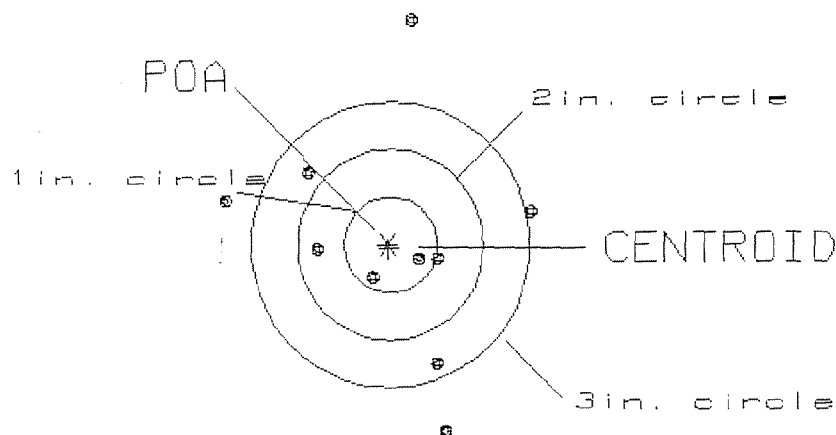
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .044
 MIN RADIUS : .320
 MEAN RADIUS : 1.235
 MAX RADIUS : 2.384
 CENTROID X : -.010
 CENTROID Y : .043

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348821

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.25

2

VS= 4.29

4

GS= 4.31

6

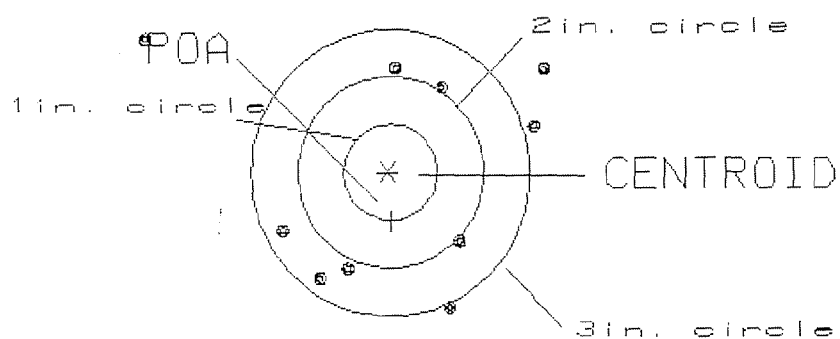
PATTERN #: 5

POA TO CENTROID: .510
 MIN RADIUS : 1.004
 MEAN RADIUS : 1.502
 MAX RADIUS : 3.037
 CENTROID X : -.045
 CENTROID Y : .508

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6340021

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.36

0

VS= 2.76

0

GS= 4.37

6

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

R & E NUMBER <u>22073</u>			
SERIAL NUMBER <u>C-634 8821</u>			
LOG-IN DATE <u>1-31-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<u>2-2-01</u>	<u>CK</u>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<u>2-12-01</u>	<u>CK</u>
605	CHECK HEADSPACE	<u>2-12-01</u>	<u>CK</u>
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		
655	FINAL INSPECT	<u>3-13-01</u>	<u>CK</u>
660	PACK	<u>3-15-01</u>	<u>CK</u>
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sn: C-6348821

DATE REC'D: 1-31-01

DATE RET'D:

Auditor: CK

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: