

CE348904

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092958** Serial: C6348904 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/13/1999 Repairman: Status: Closed 2/10/2005 1:50:07 PM

Address Information

Customer: ☒ Received From Return to: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Good

Condition Notes: CSP Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

negal 2/14/2005 9:19 AM CAPS NUM JINS SCPL

start 5 2 4 ARMS SERVICE

Serial Number: **C6348904**

Model: **M24 SWS**



RE00092958

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348904.___0
FILE DATE AND TIME: 06/21/2005 08:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.150
The Average Y Centroid of the Five Target Set:	-0.084
The Average Point of Impact of the Five Target Set:	0.172
The Average Mean Radius of the Five Target Set:	1.127
The Distance from POA to Centroid Target #1:	0.060
The Distance from Centroid Target #2 to Centroid Target #1:	0.101
The Distance from Centroid Target #3 to Centroid Target #1:	0.284
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.943

SERIAL NUMBER: C6348904. __0

TARGET NUMBER: 1

FILE DATE: 06/21/2005

FILE TIME: 08:27

X CENTROID: 0.013

Y CENTROID: -0.058

POA TO CENTROID: 0.060

HORZ SPREAD: 2.742

VERT SPREAD: 2.895

GROUP SPREAD: 3.056

MIN RADIUS: 0.478

MAX RADIUS: 2.035

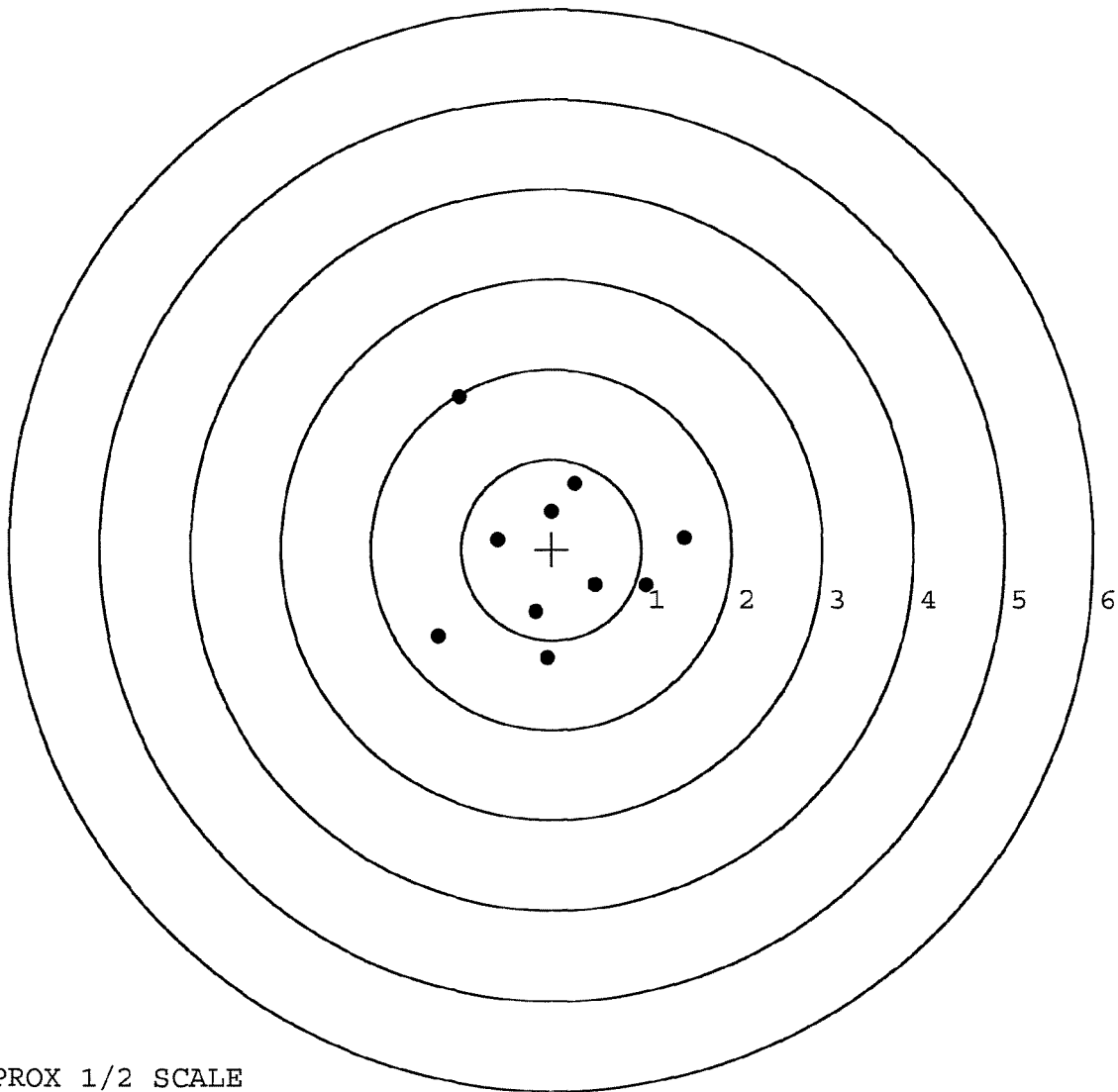
MEAN RADIUS: 1.050

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.478	0.131
2:	1.051	-0.396
3:	0.481	-0.392
4:	-0.183	-0.687
5:	0.257	0.727
6:	-0.007	0.419
7:	-0.605	0.103
8:	-1.031	1.689
9:	-0.052	-1.206
10:	-1.264	-0.970



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348904. __0

TARGET NUMBER: 2

FILE DATE: 06/21/2005

FILE TIME: 08:27

X CENTROID: 0.077

Y CENTROID: -0.136

POA TO CENTROID: 0.156

HORZ SPREAD: 3.107

VERT SPREAD: 2.930

GROUP SPREAD: 3.251

MIN RADIUS: 0.297

MAX RADIUS: 2.081

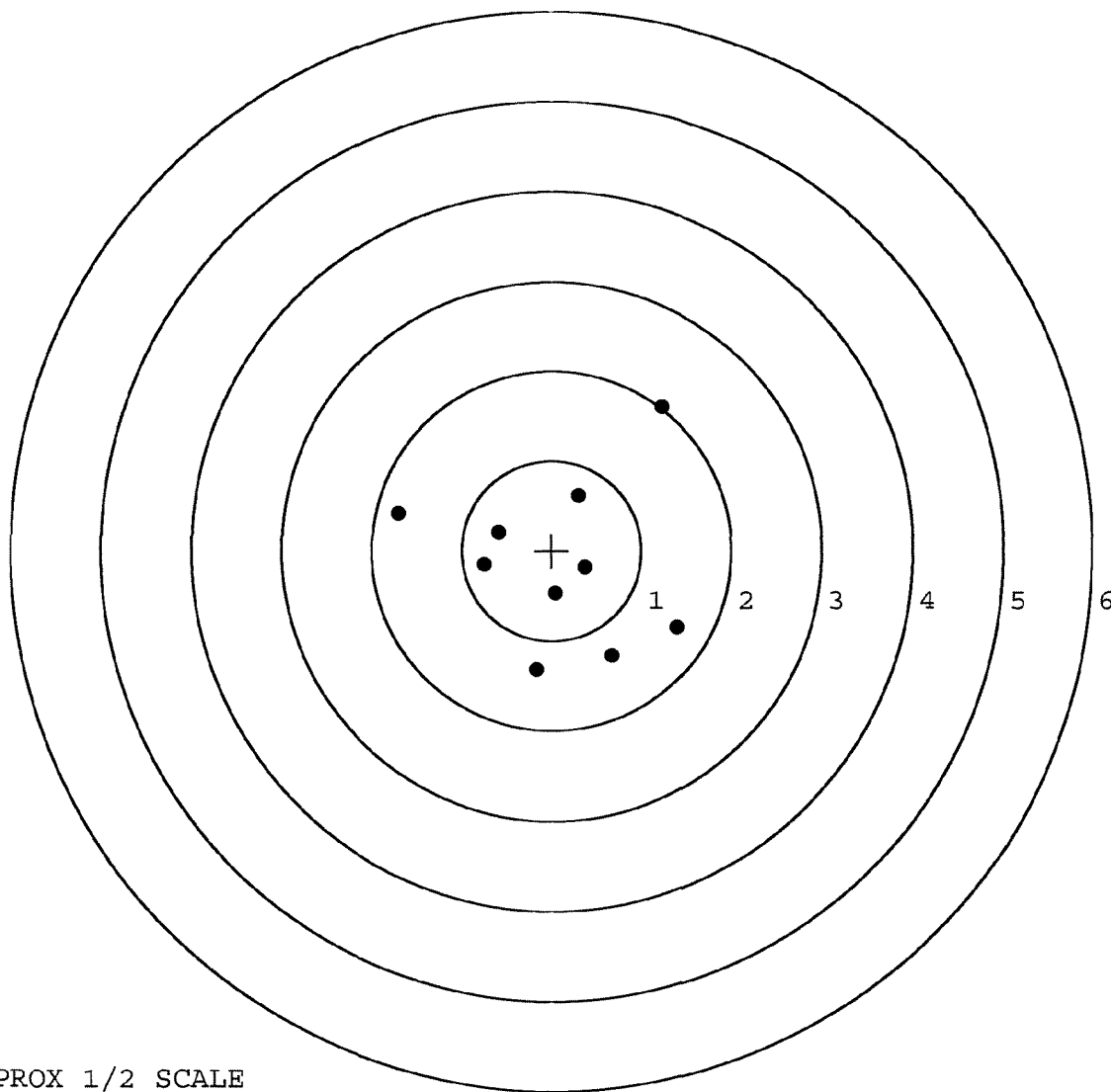
MEAN RADIUS: 1.087

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.399	-0.857
2:	0.670	-1.168
3:	-0.179	-1.333
4:	0.041	-0.477
5:	0.370	-0.187
6:	0.298	0.613
7:	-0.596	0.201
8:	-0.750	-0.157
9:	-1.708	0.409
10:	1.229	1.597



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348904. __0

TARGET NUMBER: 3

FILE DATE: 06/21/2005

FILE TIME: 08:27

X CENTROID: -0.224

Y CENTROID: 0.098

POA TO CENTROID: 0.245

HORZ SPREAD: 3.145

VERT SPREAD: 1.489

GROUP SPREAD: 3.152

MIN RADIUS: 0.344

MAX RADIUS: 2.161

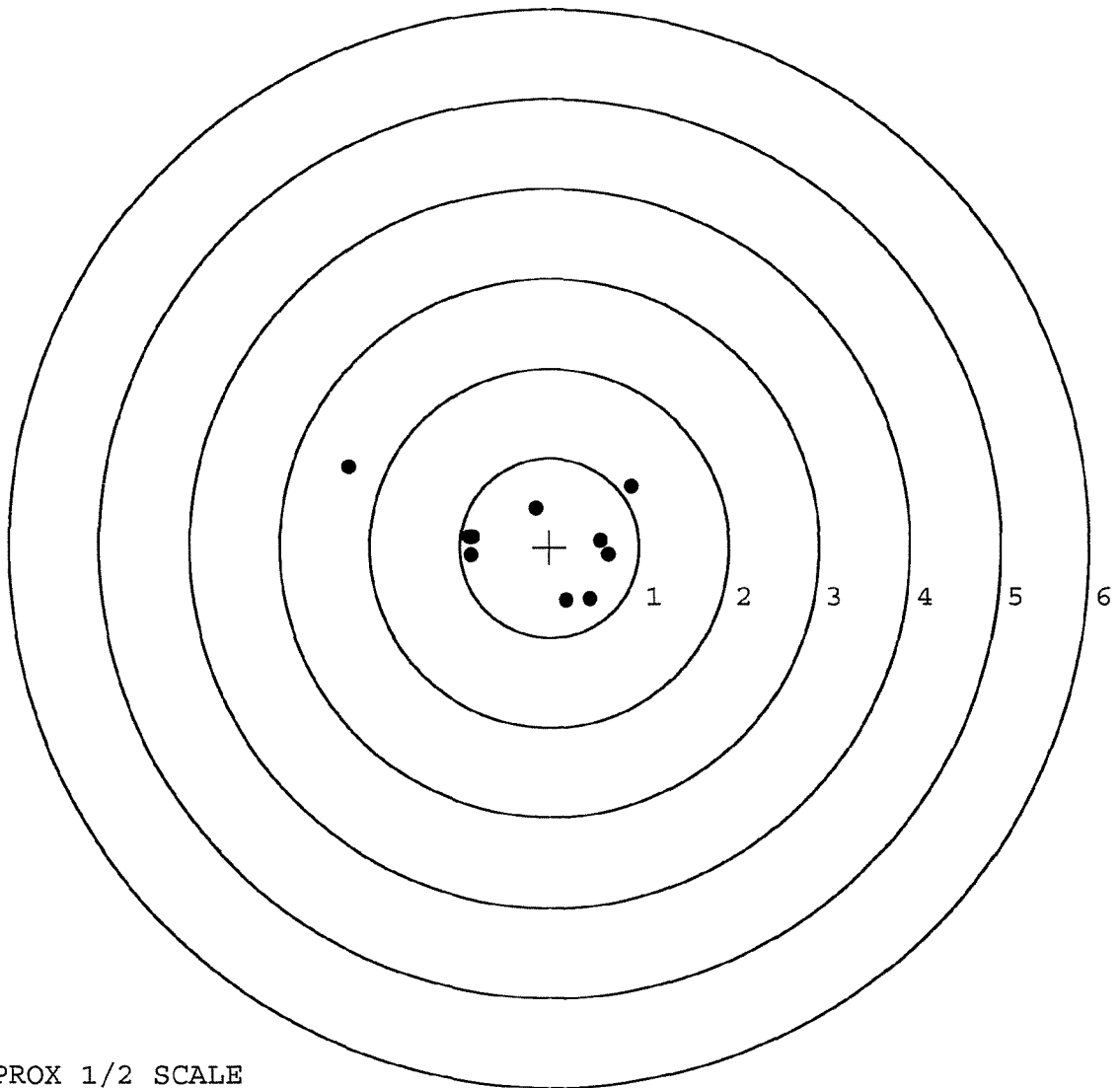
MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.912	0.683
2:	0.568	0.077
3:	0.660	-0.082
4:	0.451	-0.576
5:	0.184	-0.593
6:	-0.155	0.435
7:	-0.895	0.117
8:	-2.233	0.896
9:	-0.855	0.114
10:	-0.879	-0.087



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348904. __0

TARGET NUMBER: 4

FILE DATE: 06/21/2005

FILE TIME: 08:27

X CENTROID: 0.059

Y CENTROID: 0.216

POA TO CENTROID: 0.224

HORZ SPREAD: 2.524

VERT SPREAD: 2.348

GROUP SPREAD: 2.904

MIN RADIUS: 0.308

MAX RADIUS: 1.655

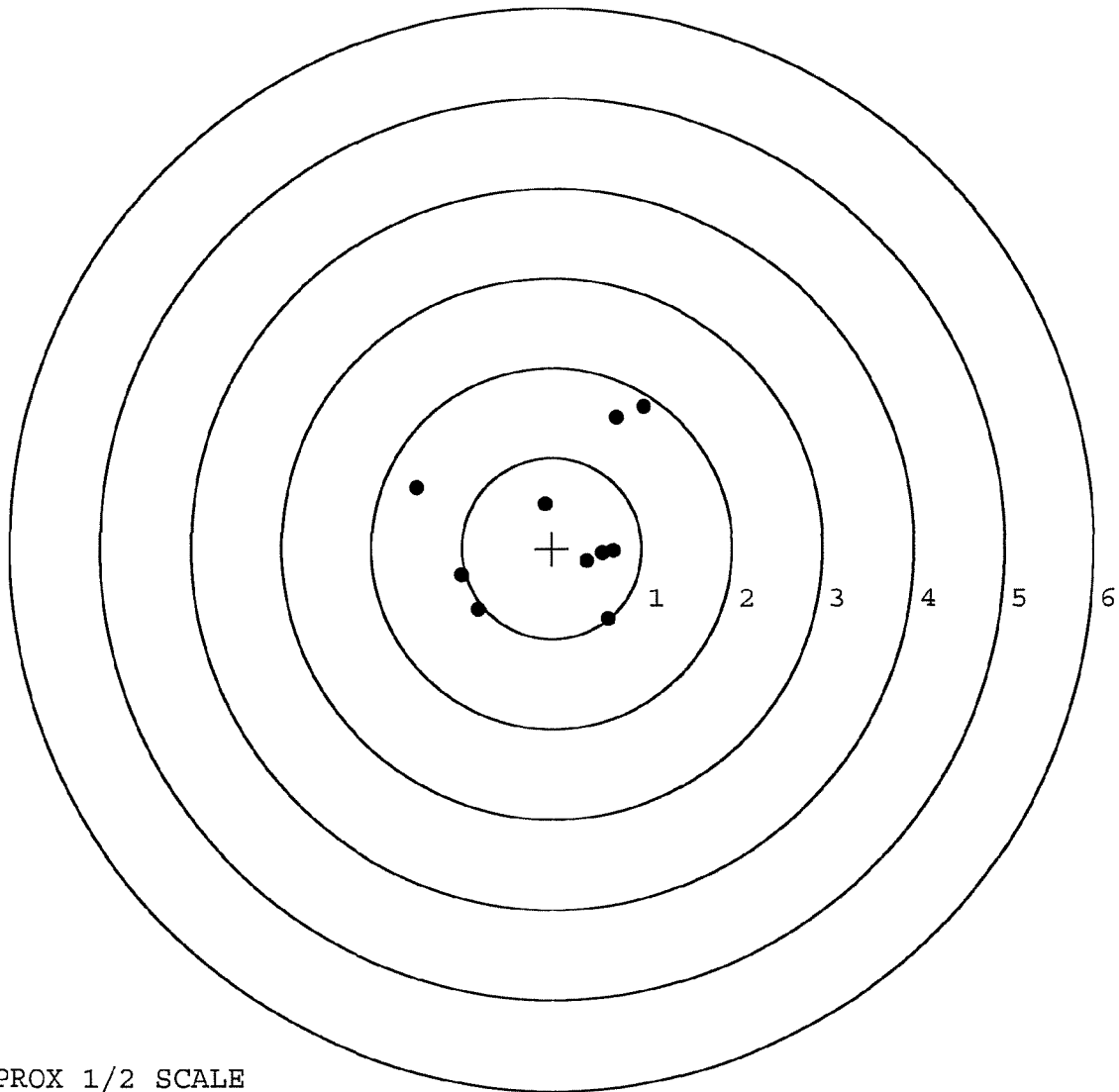
MEAN RADIUS: 1.030

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

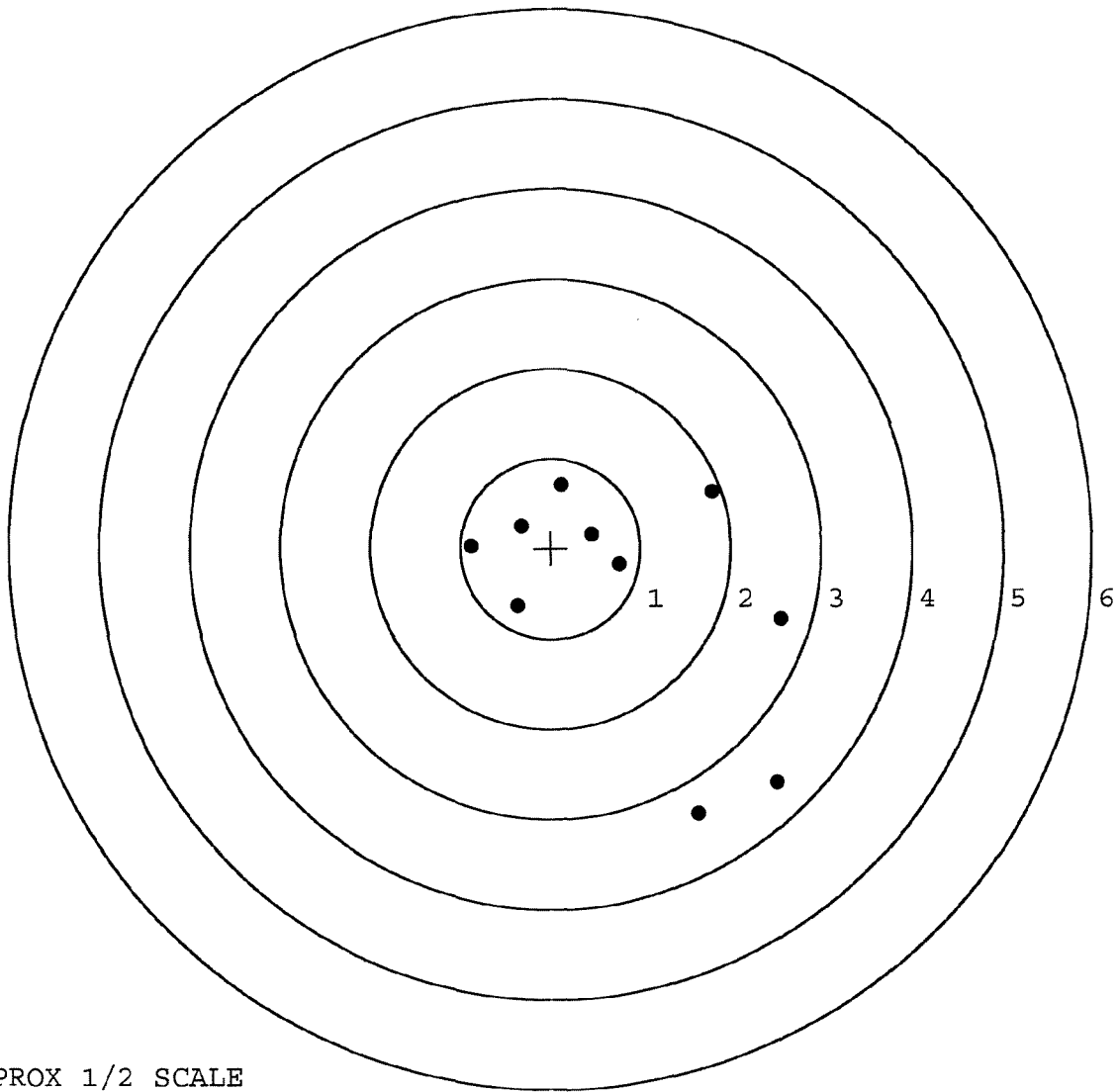
POINT#	X	Y
1:	0.622	-0.785
2:	0.686	-0.031
3:	0.564	-0.054
4:	0.388	-0.142
5:	-0.081	0.491
6:	1.022	1.563
7:	0.715	1.443
8:	-0.820	-0.682
9:	-1.002	-0.303
10:	-1.502	0.664



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348904. __ 0
 TARGET NUMBER: 5
 FILE DATE: 06/21/2005
 FILE TIME: 08:27

	POINT#	X	Y
	1:	2.551	-0.793
	2:	1.794	0.633
	3:	0.761	-0.174
	4:	0.457	0.155
X CENTROID:	5:	0.117	0.704
Y CENTROID:	6:	-0.340	0.242
POA TO CENTROID:	7:	-0.881	0.020
HORZ SPREAD:	8:	-0.379	-0.637
VERT SPREAD:	9:	2.510	-2.601
GROUP SPREAD:	10:	1.644	-2.944
MIN RADIUS:		0.371	
MAX RADIUS:		2.664	
MEAN RADIUS:		1.546	
# IN 1 IN DIAMETER:		1	
# IN 2 IN DIAMETER:		2	
# in 3 IN DIAMETER:		5	



TARGET APPROX 1/2 SCALE

R & E NUMBER	92958		
SERIAL NUMBER	C6348904		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-26-05	RTZ
560 A	RE-BARREL	5-3-05	RTZ
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTZ
600	PROOF	5-4-05	A
605	CHECK HEADSPACE	5-4-05	A
610	DIS-ASSEMBLE GUN	5-6-05	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	WJ
625 A	FINAL ASSEMBLY	6-21-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-22-05	AC
D	SAFETY "OFF" FORCE	6-22-05	AC
E	FIRING PIN INDENT	6-22-05	AC
640	TARGET	6-21-05	TRW
655	FINAL INSPECT	6-22-05	AC
660	PACK	7-11-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-10972

INITIAL CUSTOMER ORDER NO.

FJB

W/10X SCOPE SNIPER

ATTN: FRED MARTIN

Scope S/N 91 0268

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/30/95

03/31/95

DJ 9-89

C6348904

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

W/ BI POD

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

7-16-96 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

NEW BARREL

STOCK

TRIGGER ASSY

FIRING PIN ASSY

Front & Rear Sight Assy.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

REP

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

7/22/96

7/22/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041181 1220

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

SERIAL NO. C6348904DATE 7-11-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.42	2.48		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.61	2.41		
PULL #3	2.58	2.77	2.40		
PULL #4	2.65	2.60	2.45		
PULL #5	2.49	2.54	2.43		
TOTAL	12.67	12.94	12.17		
AVG.	2.53	2.58	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.06		
PULL #2	3.21	3.00		
PULL #3	3.22	2.99		
PULL #4	3.24	2.94		
PULL #5	3.39	2.90		
TOTAL	16.12	14.89		
AVG.	3.22	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.00		4.23
PULL #2	4.12	4.33		4.24
PULL #3	4.14	4.05		4.27
PULL #4	4.07	4.16		4.30
PULL #5	4.12	4.16		4.25
TOTAL	20.55	20.70		21.29
AVG.	4.11	4.14		4.25

op. #	BARBER - M24 0041183 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	6	7			7-12	REP
	G) Safety Off Force	4.5	4.5	4			7-12	REP
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.0215	.021			7-12	REP
	J) Assemble Stock						7-16	REP
	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						7-16	REP
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.77	2.57	2.57	2.59	2.61	8/2	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348904

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7-12	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7-12	REP
	C) Inspect Ejector Hole for Chamfer		7-12	REP
	D) Oil Firing Pin Ass'y		7-12	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348904
12 Jan 1900

CENTROIDAL DISTANCES

Ø TO	1	.0975141
1 TO	2	.172003
1 TO	3	.190851
1 TO	4	.303318
1 TO	5	.339229

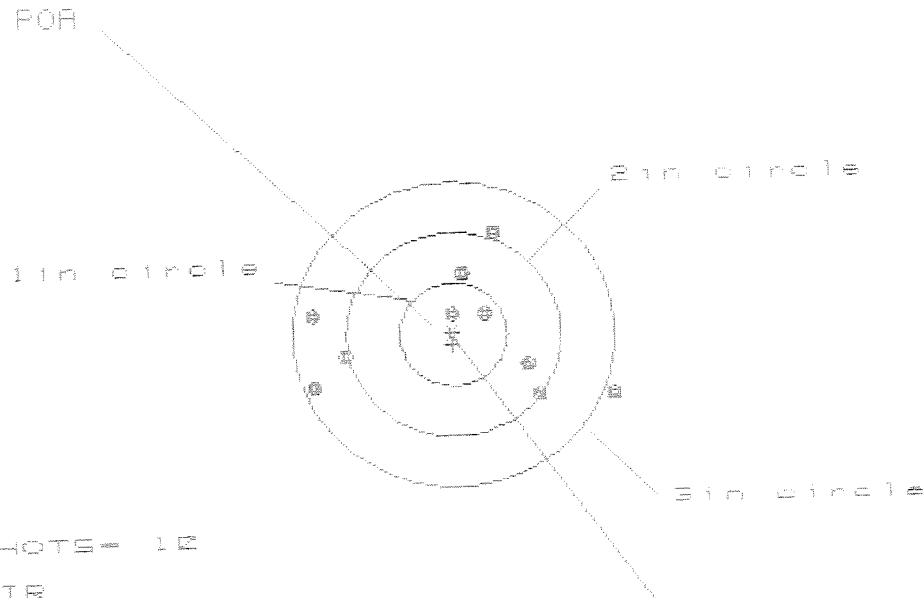
S_2 $\frac{1}{4}$ <----POA .

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1676
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .189298
THE AMR FOR THIS RIFLE IS: .8332

10 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348984

CENTERFIRE PATTERNS # 1



OF SHOTS = 12

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.824

VS = 1.559

GS = 2.873

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10		
MAXIMUM X	1.473	-1.191	-1.279
MINIMUM X	-1.354	.902	.826
MAXIMUM Y	.964	-.657	-.733
MINIMUM Y	-.595	-.153	-.005
CENTROID X	.010	.159	.235
CENTROID Y	.097	.221	.235
POA TO CENTROID in.	.098	.193	.071
MIN RADIUS	.209	.855	.745
MEAN RADIUS	.924	1.335	1.282
MAX RADIUS	1.573	2.112	2.052
HORIZONTAL SPREAD	2.824	1.559	1.559
VERTICAL SPREAD	1.559	2.274	2.210
EXTREME SPREAD	2.873		
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 9		

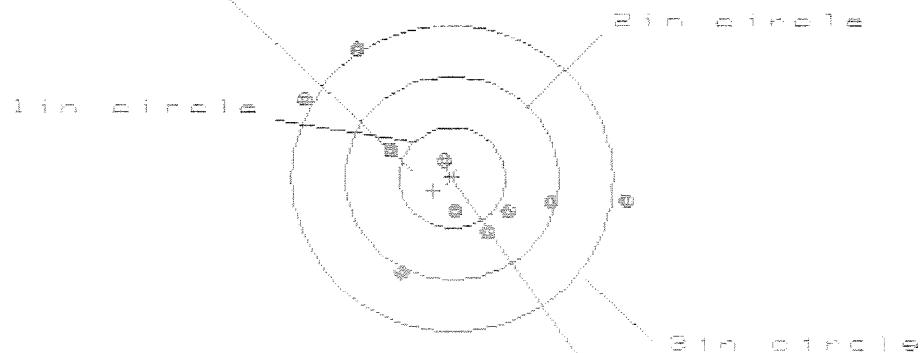
10 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06346304

CENTERFIRE PATTERNS

2

POR



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

CENTROID #

HE = 3.064

VB = 2.206

GB = 3.223

PATTERN #	2		
SHOTS (BEST OF)	10	8	8
MAXIMUM X	1.649	1.132	.978
MINIMUM X	-1.415	-1.232	-.861
MAXIMUM Y	1.302	1.274	1.363
MINIMUM Y	-.904	-.932	-.843
CENTROID X	.179	-.004	.150
CENTROID Y	.129	.157	.069
POR TO CENTROID in.	.221	.157	.165
MIN RADIUS	.220	.202	.243
MEAN RADIUS	.926	.850	.743
MAX RADIUS	1.668	1.457	1.612
HORIZONTAL SPREAD	3.064	2.364	1.839
VERTICAL SPREAD	2.206	2.206	2.206
EXTREME SPREAD	3.223	2.566	2.407
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C63489B4

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= .761

VS= 1.832

GS= 1.833

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

8

MAXIMUM X

.357

.389

.437

MINIMUM X

-.404

-.372

-.324

MAXIMUM Y

.851

.742

.750

MINIMUM Y

-.981

-.611

-.518

CENTROID X

.128

.096

.048

CENTROID Y

.247

.356

.263

POA TO CENTROID in.

.278

.368

.267

MIN RADIUS

.157

.096

.090

MEAN RADIUS

.538

.469

.407

MAX RADIUS

1.821

.836

.761

HORIZONTAL SPREAD

.761

.761

.761

VERTICAL SPREAD

1.832

1.353

1.268

EXTREME SPREAD

1.833

1.491

1.308

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

9

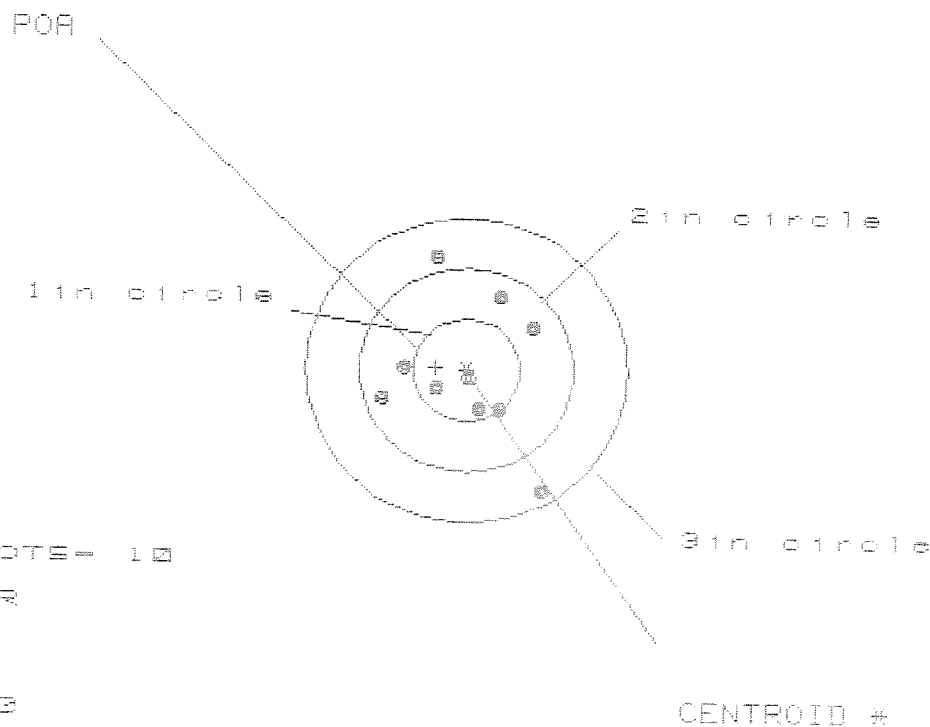
NUMBER IN THREE INCH CIRCLE =

10

10 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348904

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.507

VS = 2.248

GS = 2.448

PATTERN #

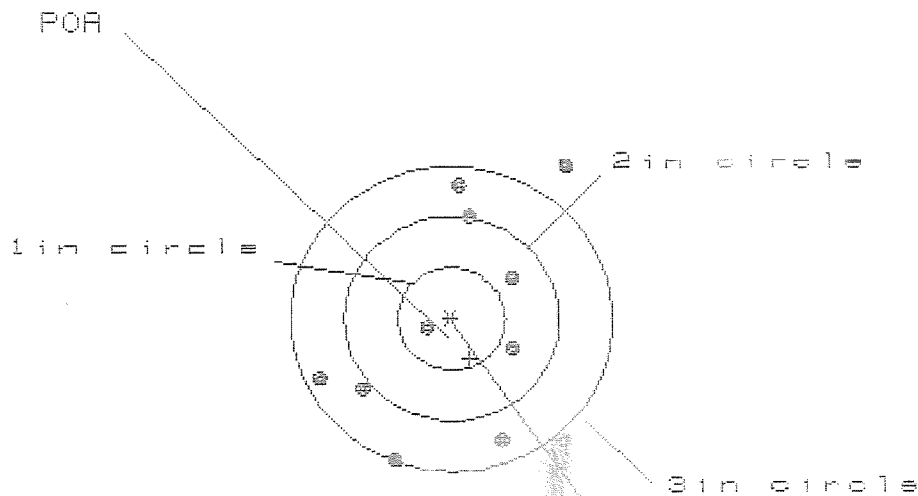
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.679	.649	.623
MINIMUM X	-.828	-.752	-.778
MAXIMUM Y	1.118	.993	.744
MINIMUM Y	-1.130	-.478	-.354
CENTROID X	.289	.213	.239
CENTROID Y	-.022	.103	-.021
POA TO CENTROID in.	.290	.237	.240
MIN RADIUS	.040	.186	.075
MEAN RADIUS	.655	.601	.512
MAX RADIUS	1.318	1.015	.820
HORIZONTAL SPREAD	1.507	1.401	1.401
VERTICAL SPREAD	2.248	1.471	1.098
EXTREME SPREAD	2.448	1.554	1.530
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

10 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C634B904

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 2.323

VS= 2.953

GS= 3.357

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.062
MINIMUM X	-1.261
MAXIMUM Y	1.553
MINIMUM Y	-1.400
CENTROID X	-0.166
CENTROID Y	0.387
POR TO CENTROID in.	0.421
MIN RADIUS	0.307
MEAN RADIUS	1.123
MAX RADIUS	1.881
HORIZONTAL SPREAD	2.323
VERTICAL SPREAD	2.953
EXTREME SPREAD	3.357
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	3
NUMBER IN THREE INCH CIRCLE	9

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

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

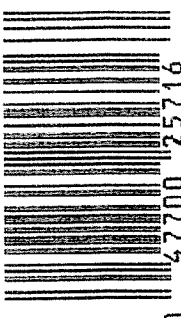
MODEL 700™ M24

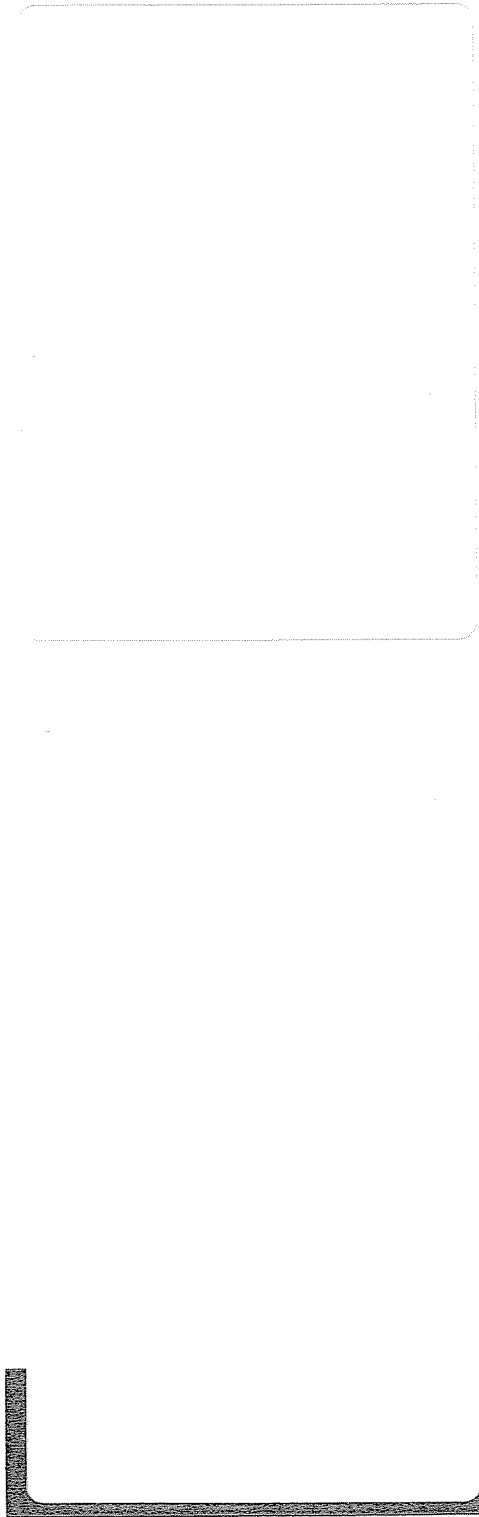
SERIAL NO.
06348904

ORDER NO.
5716

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

01


UPC
0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348904

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/15/89	GS
7	Drill and Tap Sight Holes	9 15	89	VB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		12/26/89	JS

op. #	BARBER - M24 0041193 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			18 Oct 89	JL
	G) Safety Off Force	3	3	3			18 Oct 89	JL
	H) Trigger Pull Test & Retainability						12 Oct 89	JL
	I) Firing Pin Indent	.021	.021	.020			18 Oct 89	JL
	J) Assemble Stock						10/23/89	RW
	K) Assemble Swivel Studs						24 Oct 89	JL
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/14/89	RW
	O) Attach Scope to Rifle						10/23/89	JL
	P) Detach & Attach Scope 20 Times						10/23/89	JL
640	Gallery Target & Test						10-23-89	AC
	A) Time						10-23-89	AC
	B) Malfunctions						10-23-89	AC
	C) Pierced Primers						10-23-89	AC
	D) Optical Clarity of Scope						10-23-89	AC
645	Inspect for Live Ammo						10-23-89	AC
655	Final Inspection A) Headspace						24 Oct 89	JL
	B) Trigger Pull	2.36	2.45	2.43	2.39	2.40	24 Oct 89	JL
	C) Function						24 Oct 89	JL
660	Pack						15 Dec 89	JL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348904

DATE 13/Mar/90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	242	240	219	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	246	259	241	
PULL #3	241	239	241	
PULL #4	241	262	241	
PULL #5	243	267	235	
TOTAL	1173	1267		
AVG.	234.6	253.4		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	348	329	
PULL #2	327	330	
PULL #3	325	328	
PULL #4	326	328	
PULL #5	332	324	
TOTAL	1658	1639	
AVG.	3.316	3.278	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	427	411		
PULL #2	415	421		
PULL #3	429	408		
PULL #4	433	419		
PULL #5	396	422		
TOTAL	2100	2081		
AVG.	4.20	4.162		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348904
24 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.57427
1 TO	2	.596969
1 TO	3	.313254
1 TO	4	.827887
1 TO	5	.544772

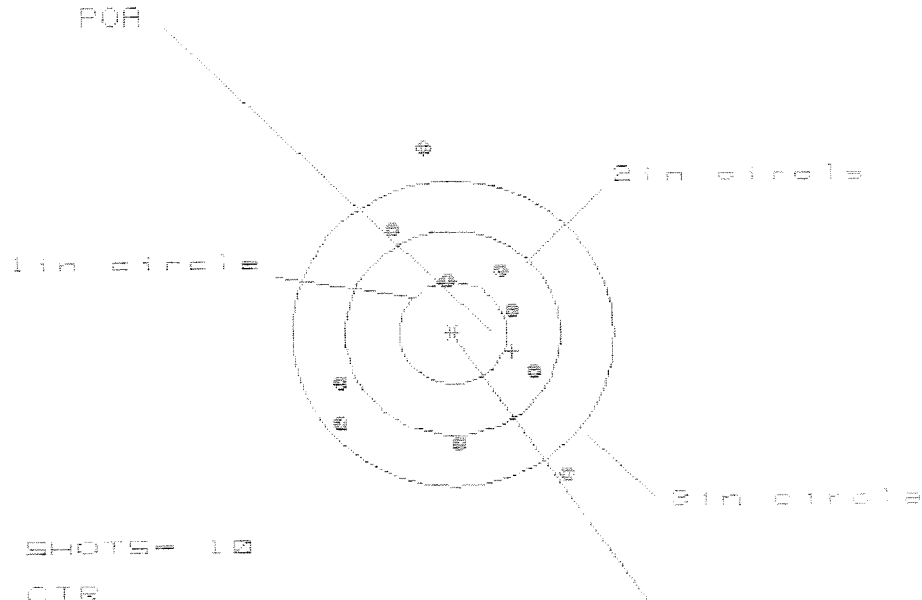
3
1 # <----POB
5 4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0274
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .32137
THE RMP FOR THIS RIFLE IS: .9772

24 Oct 1989

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.110

VS= 3.211

GS= 3.482

CENTROID #

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.062

1.031

.891

MINIMUM X

:

-1.048

-1.079

-.951

MAXIMUM Y

:

1.812

1.216

1.066

MINIMUM Y

:

-1.399

-1.197

-.999

CENTROID X

:

-.545

-.514

-.642

CENTROID Y

:

.181

-.021

.129

POA TO CENTROID in.

:

.574

.514

.655

MIN RADIUS

:

.538

.706

.587

MEAN RADIUS

:

1.107

1.028

.945

RAY RADIUS

:

1.835

1.580

1.229

HORIZONTAL SPREAD

:

2.110

2.110

1.842

VERTICAL SPREAD

:

3.211

2.413

2.065

EXTREME SPREAD

:

3.482

2.902

2.163

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

8

24 Oct 1989

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.228

VS= 2.635

GS= 2.678

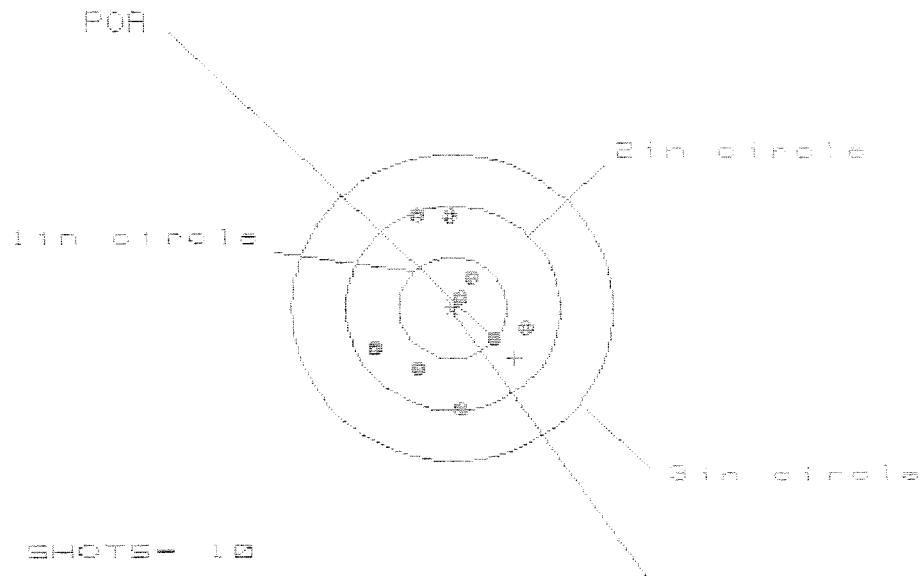
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	1.154	1.086
MINIMUM X	:	-1.114	-1.074	-0.930
MAXIMUM Y	:	1.218	1.050	.966
MINIMUM Y	:	-1.417	-0.753	-0.708
CENTROID X	:	.029	-.011	-.155
CENTROID Y	:	.017	.175	.269
POA TO CENTROID in.	:	.034	.175	.310
MIN RADIUS	:	.487	.550	.443
MEAN RADIUS	:	1.022	.962	.891
MAX RADIUS	:	1.463	1.378	1.136
HORIZONTAL SPREAD	:	2.228	2.228	2.016
VERTICAL SPREAD	:	2.635	1.813	1.674
EXTREME SPREAD	:	2.678	2.474	2.020
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 4

2in = 10

3in = 10

HS = 1.441

VS = 1.903

GS = 1.930

CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.712	.671	.670
MINIMUM X	-.729	-.770	-.771
MAXIMUM Y	.942	1.045	.937
MINIMUM Y	-.961	-.850	-.564
CENTROID X	-.573	-.532	-.531
CENTROID Y	.493	.390	.498
POA TO CENTROID in.	.756	.660	.728
MIN RADIUS	.067	.163	.056
MEAN RADIUS	.613	.574	.510
MAX RADIUS	.997	1.045	.938
HORIZONTAL SPREAD	1.441	1.441	1.441
VERTICAL SPREAD	1.903	1.903	1.501
EXTREME SPREAD	1.900	1.903	1.536
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	

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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 = 6

3 in = 7

HS= 3.669

VS= .882

GS= 3.759

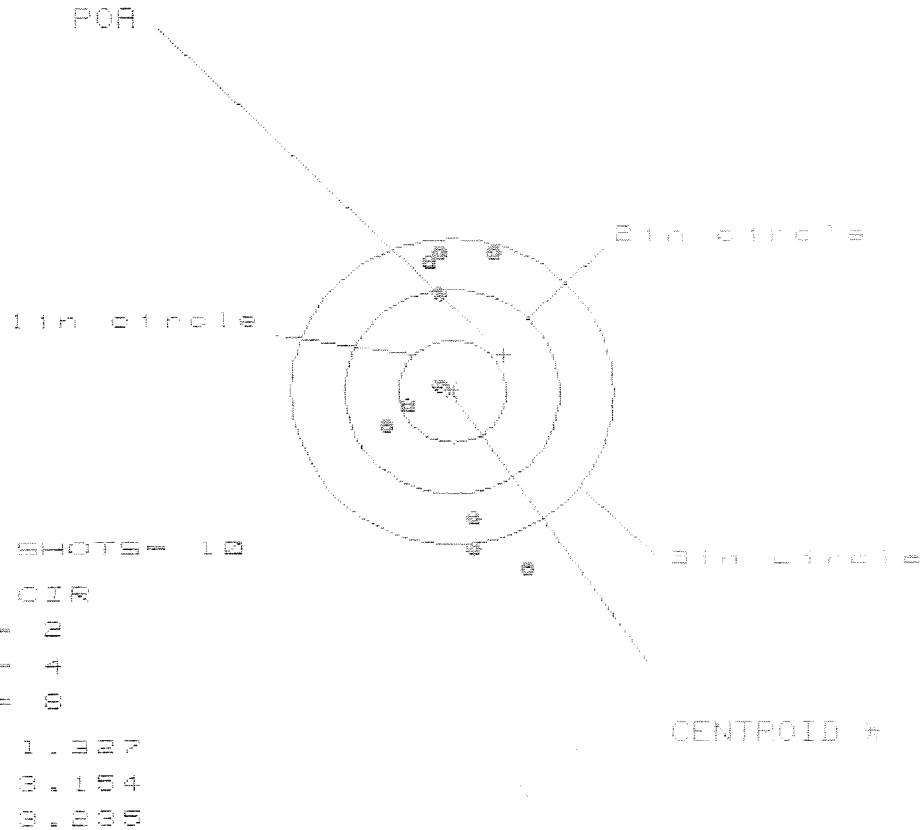
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.473	1.229	.984
MINIMUM X	-2.196	-1.967	-1.106
MAXIMUM Y	.471	.516	.563
MINIMUM Y	-.411	-.366	-.319
CENTROID X	-.031	.213	.458
CENTROID Y	-.468	-.513	-.568
POA TO CENTROID in.	.469	.555	.724
MIN RADIUS	.283	.131	.264
MEAN RADIUS	1.059	.873	.694
MAX RADIUS	2.233	2.003	1.147
HORIZONTAL SPREAD	3.669	3.196	2.090
VERTICAL SPREAD	.882	.862	.882
EXTREME SPREAD	3.759	3.282	2.181
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 5



PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.696	.456	.494
MINIMUM X	-1.631	-1.553	-1.515
MAXIMUM Y	1.339	1.204	.902
MINIMUM Y	-1.755	-1.692	-1.602
CENTROID X	-.481	-.559	-.597
CENTROID Y	-.360	-.165	.047
POA TO CENTROID in.	.601	.583	.599
MIN RADIUS	.084	.151	.366
MEAN RADIUS	1.085	.976	.872
MAX RADIUS	1.888	1.720	1.633
HORIZONTAL SPREAD	1.327	1.009	1.009
VERTICAL SPREAD	3.154	2.896	2.594
EXTREME SPREAD	3.235	2.900	2.600
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	