

CS348824

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00129489

Serial: C6348824 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 5/18/2007 7:25:46 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: FMC 25TH BSB (1-25TH SBCT)

FMC 25TH BSB (1-25TH SBCT)

Address 1: ATTN: CW3 A.J. AIYETORO

ATTN: CW3 A.J. AIYETORO

Address 2: 1060 GAFFNEY ROAD #9100

1060 GAFFNEY ROAD #9100

PO Box:

PO Box:

City: FORT WAINWRIGHT

FORT WAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

5/18/2007

8:00 AM

CAPS

NUM

INS

SCRL

start

3 M...

2 M...

5 L...

Part ...

Arms...

Stoc...

8:00 AM

Serial Number: C6348824

Model: M24 SWS



RE00129489

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348824.___0
FILE DATE AND TIME: 07/09/2007 07:04

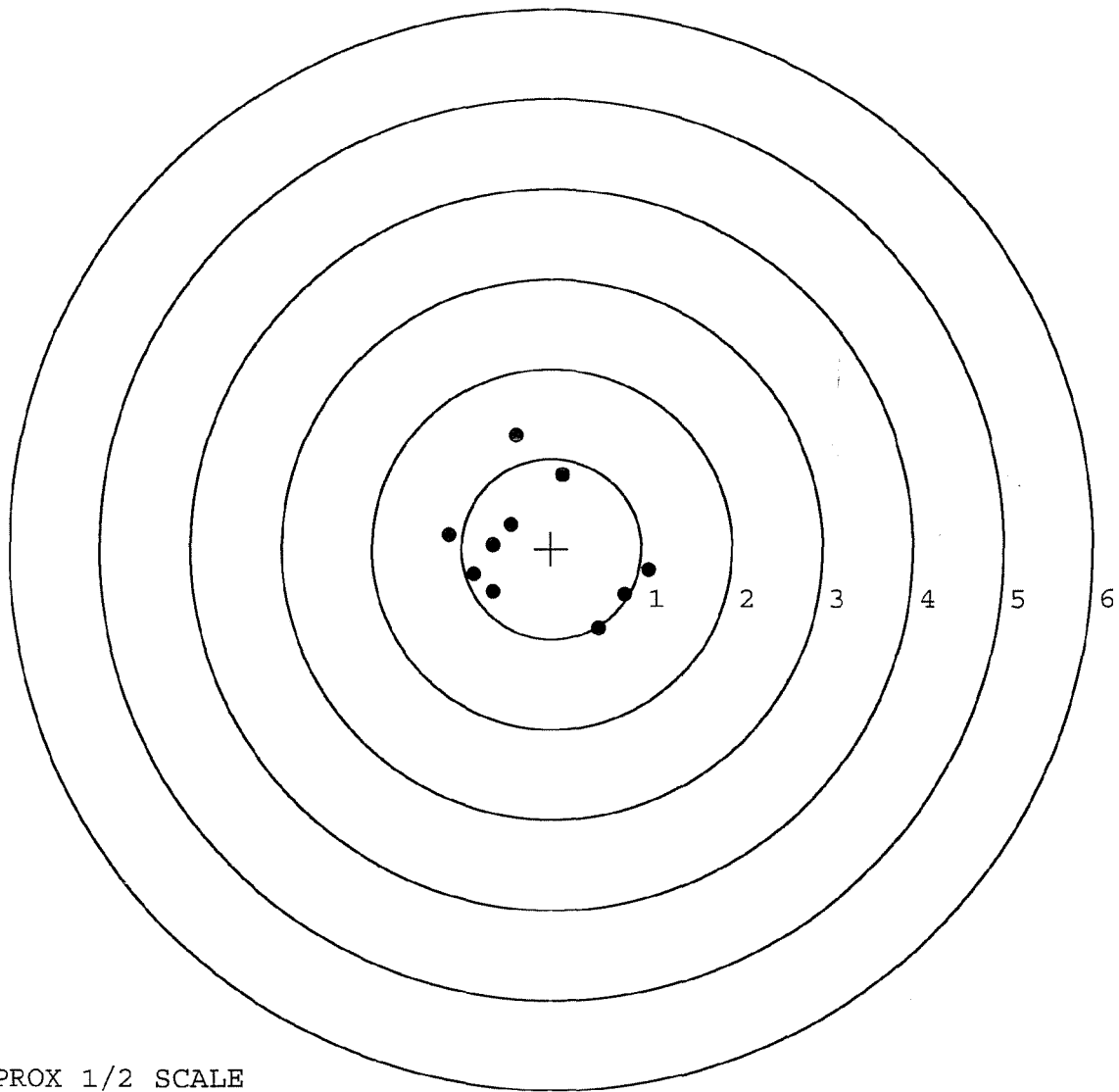
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	-0.035
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.745
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.184
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.216
The Distance from Centroid Target #5 to Centroid Target #1:	0.247

SERIAL NUMBER: C6348824.___0
TARGET NUMBER: 1
FILE DATE: 07/09/2007
FILE TIME: 07:04

X CENTROID: -0.161
Y CENTROID: 0.012
POA TO CENTROID: 0.161
HORZ SPREAD: 2.225
VERT SPREAD: 2.136
GROUP SPREAD: 2.258
MIN RADIUS: 0.386
MAX RADIUS: 1.269
MEAN RADIUS: 0.896
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.524	-0.881
2:	0.816	-0.507
3:	1.083	-0.238
4:	0.131	0.820
5:	-0.397	1.255
6:	-0.453	0.265
7:	-0.658	0.037
8:	-0.647	-0.482
9:	-0.864	-0.293
10:	-1.142	0.146



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348824. __0

TARGET NUMBER: 2

FILE DATE: 07/09/2007

FILE TIME: 07:04

POINT#	X	Y
1:	0.012	-1.205
2:	-0.912	-0.447
3:	0.306	-0.530
4:	0.357	-0.250
5:	0.818	0.309
6:	0.535	0.660
7:	0.240	0.181
8:	0.153	0.333
9:	-0.299	0.510
10:	-1.000	0.866

X CENTROID: 0.021

Y CENTROID: 0.043

POA TO CENTROID: 0.048

HORZ SPREAD: 1.818

VERT SPREAD: 2.071

GROUP SPREAD: 2.305

MIN RADIUS: 0.259

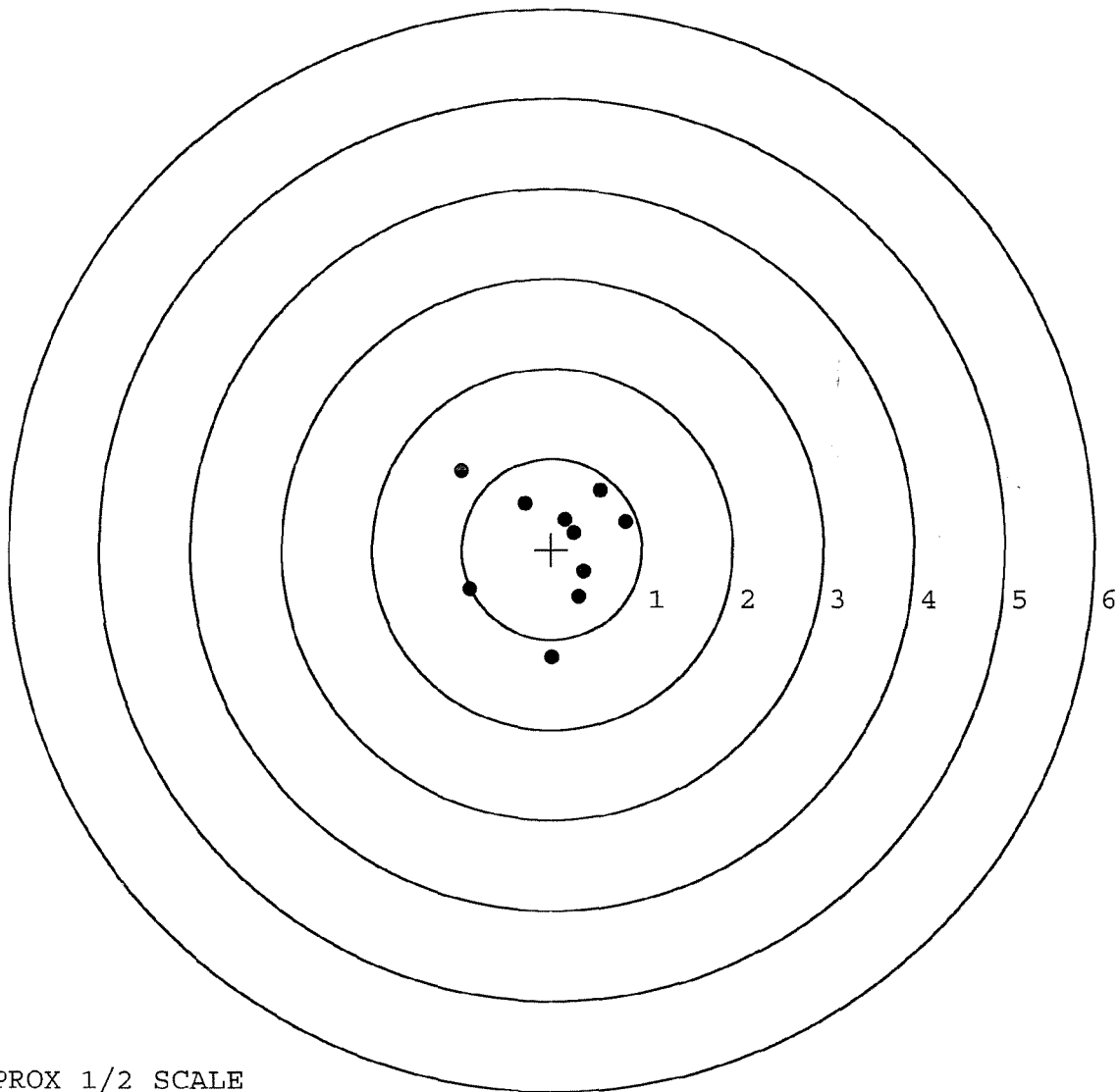
MAX RADIUS: 1.312

MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348824. 0

TARGET NUMBER: 3

FILE DATE: 07/09/2007

FILE TIME: 07:04

POINT#	X	Y
--------	---	---

1:	0.258	-1.136
----	-------	--------

2:	-0.145	-0.839
----	--------	--------

3:	0.290	-0.467
----	-------	--------

4:	-0.095	-0.270
----	--------	--------

5:	-0.153	0.089
----	--------	-------

6:	0.180	0.040
----	-------	-------

7:	0.070	0.316
----	-------	-------

8:	-0.106	0.675
----	--------	-------

9:	-0.740	0.098
----	--------	-------

10:	-0.826	0.398
-----	--------	-------

X CENTROID: -0.127

Y CENTROID: -0.110

POA TO CENTROID: 0.168

HORZ SPREAD: 1.116

VERT SPREAD: 1.811

GROUP SPREAD: 1.878

MIN RADIUS: 0.164

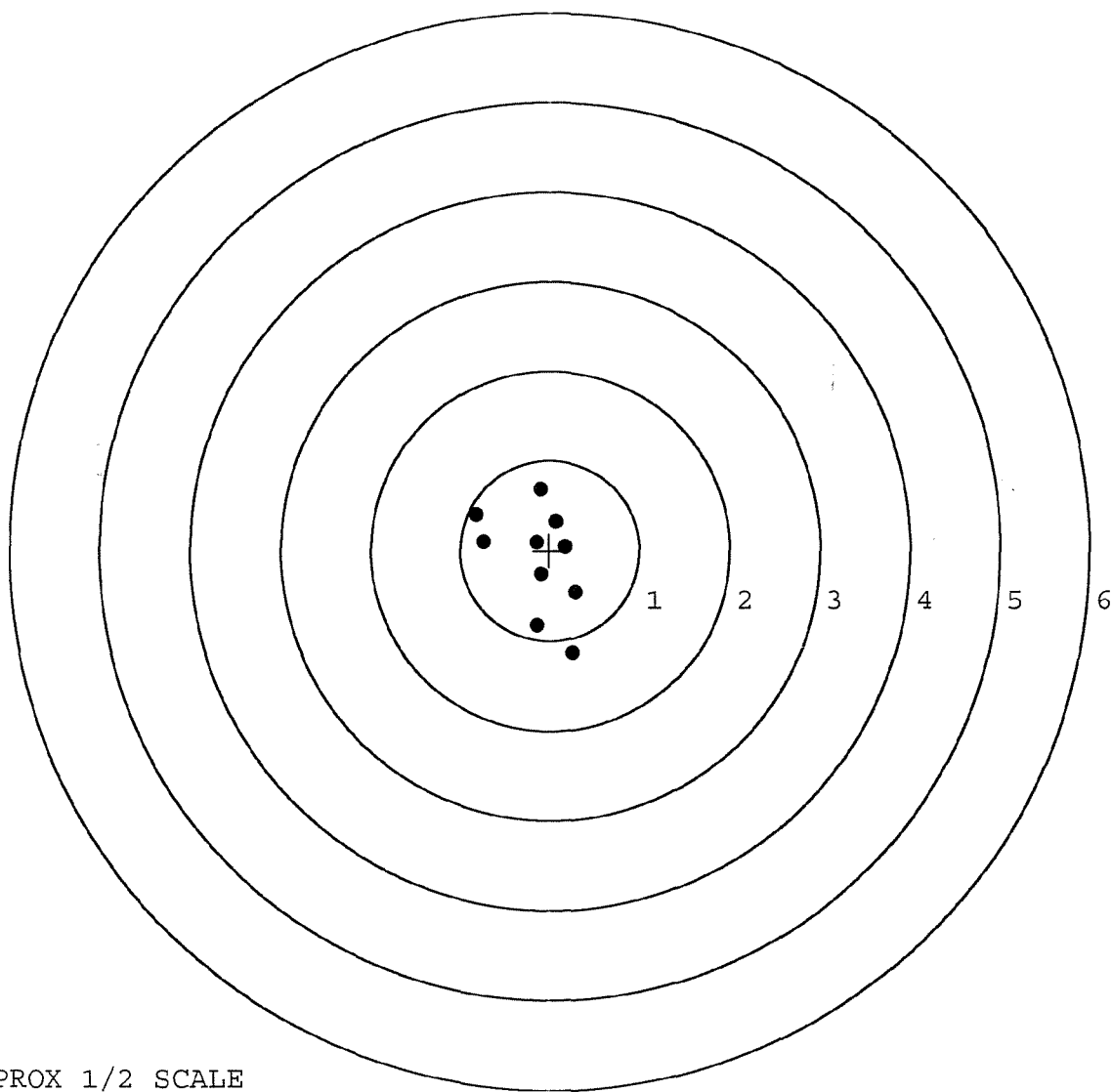
MAX RADIUS: 1.096

MEAN RADIUS: 0.585

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348824. 0

TARGET NUMBER: 4

FILE DATE: 07/09/2007

FILE TIME: 07:04

X CENTROID: 0.051

Y CENTROID: -0.032

POA TO CENTROID: 0.060

HORZ SPREAD: 2.052

VERT SPREAD: 1.338

GROUP SPREAD: 2.138

MIN RADIUS: 0.011

MAX RADIUS: 1.171

MEAN RADIUS: 0.693

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
--------	---	---

1:	-0.309	-0.657
----	--------	--------

2:	0.111	-0.505
----	-------	--------

3:	0.056	-0.022
----	-------	--------

4:	0.945	-0.457
----	-------	--------

5:	0.573	-0.180
----	-------	--------

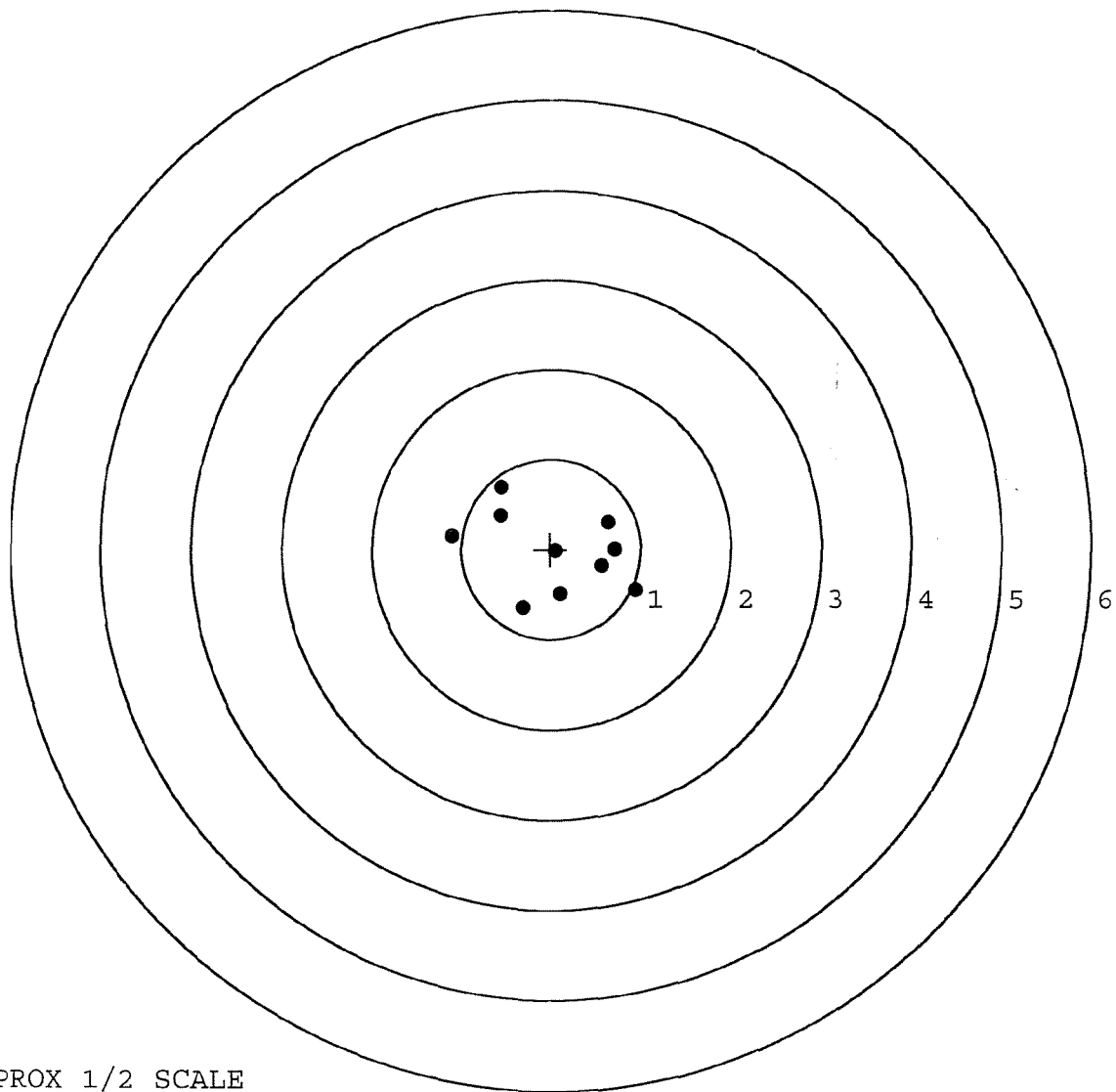
6:	0.720	0.005
----	-------	-------

7:	0.639	0.302
----	-------	-------

8:	-0.558	0.681
----	--------	-------

9:	-0.561	0.373
----	--------	-------

10:	-1.107	0.144
-----	--------	-------



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348824. __ 0

TARGET NUMBER: 5

FILE DATE: 07/09/2007

FILE TIME: 07:04

POINT#	X	Y
--------	---	---

1:	1.247	-0.948
----	-------	--------

2:	-0.025	-0.955
----	--------	--------

3:	0.266	-0.571
----	-------	--------

4:	0.206	-0.249
----	-------	--------

5:	0.739	-0.195
----	-------	--------

6:	-0.633	-0.497
----	--------	--------

7:	-0.588	0.258
----	--------	-------

8:	-0.091	0.321
----	--------	-------

9:	-0.438	0.732
----	--------	-------

10:	-0.028	1.232
-----	--------	-------

X CENTROID: 0.066

Y CENTROID: -0.087

POA TO CENTROID: 0.109

HORZ SPREAD: 1.880

VERT SPREAD: 2.187

GROUP SPREAD: 2.525

MIN RADIUS: 0.214

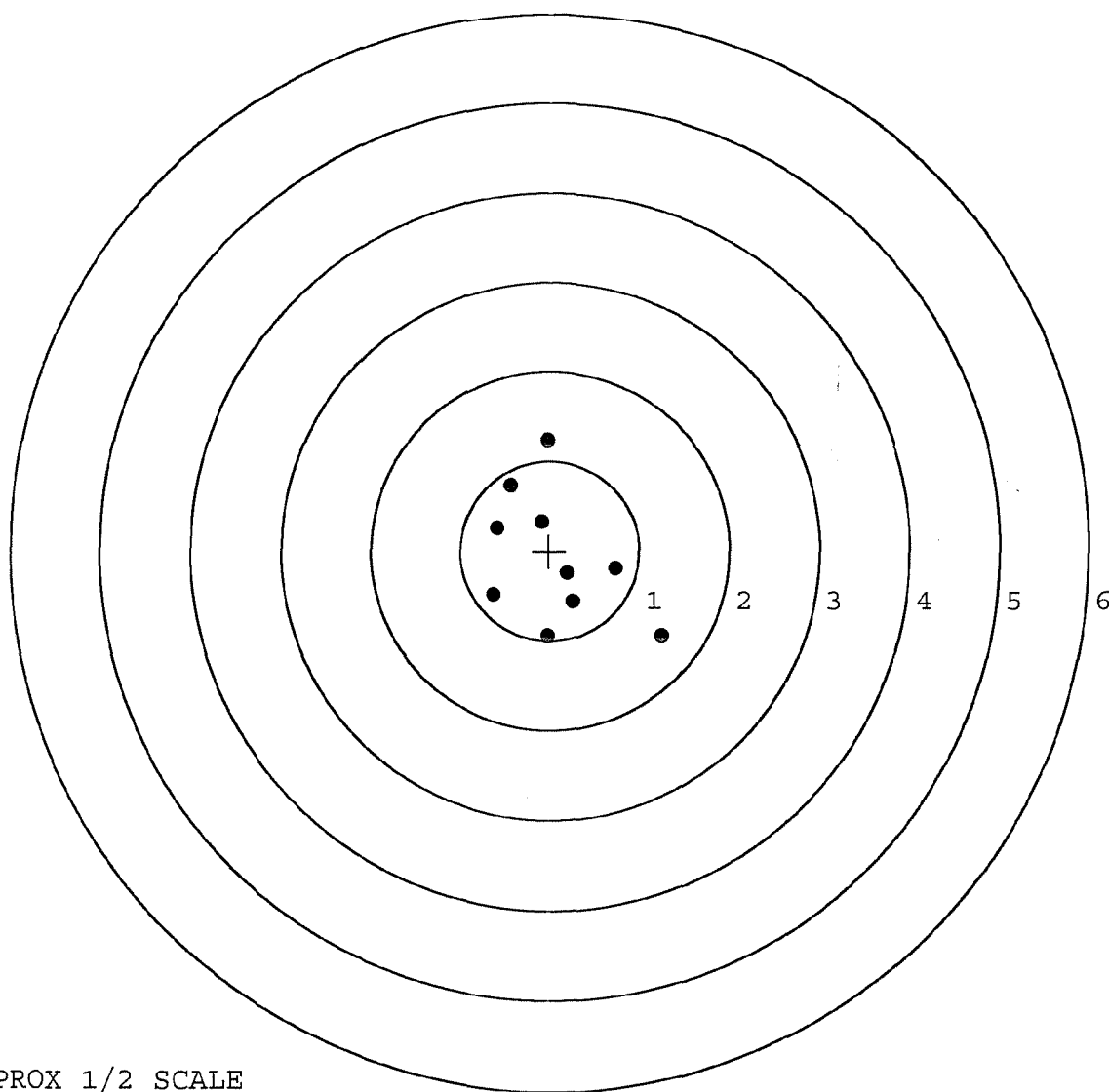
MAX RADIUS: 1.462

MEAN RADIUS: 0.802

IN 1 IN DIAMETER: 2

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		129489	
SERIAL NUMBER		C6348824	
LOG-IN DATE		5-18-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-12-07	RTZ
505	RE-BARREL	6-15-07	RTZ
560	ASSEMBLE	6-18-07	RTZ
600	PROOF	6-18-07	TRW
605	CHECK HEADSPACE	6-18-07	TRW
610	DIS-ASSEMBLE GUN	6-18-07	RTZ
612	MAGNAFLUX	6-19-07	Wms
510	DRILL AND TAP	6-18-07	SD
615	ROLLMARK CALIBER	6-19-07	CW
618	ROTO-BLAST	6-19-07	DG
620	APPLY COATINGS	6-21-07	TRW
625	FINAL ASSEMBLY	7-5-07	R.P.D.
640	FUNCTION TEST AND	PASS FAIL	7-6-07 TRW
650	TARGET	PASS FAIL	7-6-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	7-10-07 RA
	B) TRIGGER PULL	2.76 2.77 2.85 2.84 2.88 7.9.07	RA
680	F) SAFETY ON FORCE	4.5 4.5 4.5 7.9.07	RA
	G) SAFETY OFF FORCE	2.2 2.5 2.5 7.9.07	RA
	I) FIRING PIN INDENT	.022 1.022 .023 7.9.07	RA
690	PACK	7-11-07	RA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 96-02005

INITIAL CUSTOMER ORDER NO.

JLM

W/LEUPOLD SCOPE W/BI-POD

W/DEPLOYMENT KIT

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/16/96

01/17/96

C6348024

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

US ARMY
HHC 4/9 INF
FT WAINWRIGHT

AK 99703

US ARMY
HHC 4/9 INF
FT WAINWRIGHTAK
99703

CUST NO: 135896 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

☐ NEW☐ LIGHTLY WORN☐ WORN☐ VERY WORN☐ UNREPAIRABLE☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

✓ Barrel - 96003

✓ Stock - 96018

✓ Mag Spring - 15677

✓ Scope Dust Cover front & Rear - 96043 + 96044

✓ Bipod - 96117

✓ Soft Carrying Case - 96076

Re powder Coat - Trigger Guard
ASSY Front + Rear Sight Bases
Re line Scope Base, Rings &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400039132

PAGE NO.

[illegible]

M2400039133

Form Approved
OMB No. 0702-0027
Expires Sep 30, 1992

DISTRIBUTION INSTRUCTIONS

- SECTION A - To be completed by the SHIPPER.

SECTION B - To be completed by each person accepting custody of classified or protected material requiring the use of transportation protective service during transit.

M2400039134

[illegible]

M2400039135

M2400039136

5

CONTRACT # DAAA21-87-C-0086

New Barrel
Stock

GUN SERIAL # C6348824

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	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		1/31/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/31/96	RW
	C) Inspect Ejector Hole for Chamfer		1/31/96	RW
	D) Oil Firing Pin Ass'y		1/31/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	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		1/31/96	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		2/1/96	AO
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		2/1/96	AO
655	Final Inspection			
	A) Headspace		2/2/96	RW
	B) Trigger Pull			
	C) Function		2/2/96	RW
660	Pack			

Final Inspection

S.N: C6348824

DATE REC'D: 1/17/96

DATE RET'D:

AUDITOR: *AW*

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 # C6348824
3 Jan 1988

CENTROIDAL DISTANCES

0 TO 1	1.53277
1 TO 2	.3972
1 TO 3	.272413
1 TO 4	.329317
1 TO 5	.354006

21

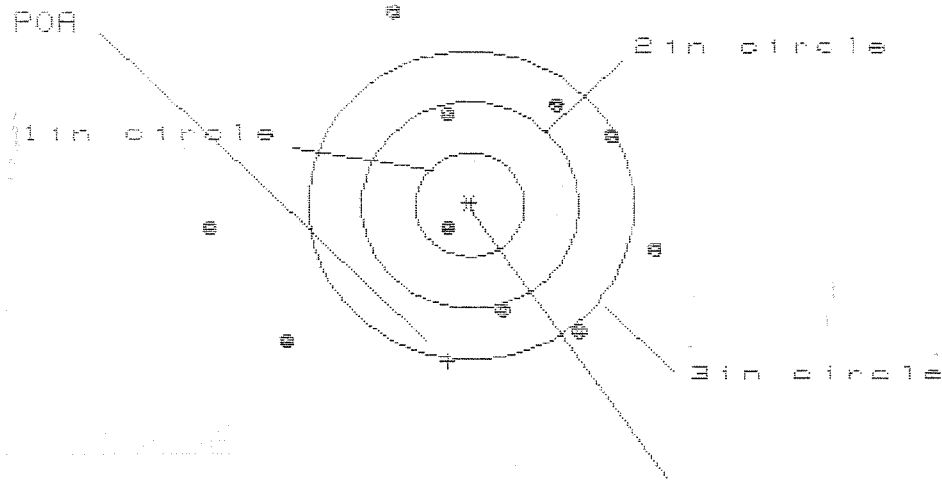
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.008
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.385
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.38502
THE AMR FOR THIS RIFLE IS: 1.214

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/0634B024

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

CENTROID *

IN CIR

1in = 1

2in = 2

3in = 5

HS= 4.108

VS= 3.173

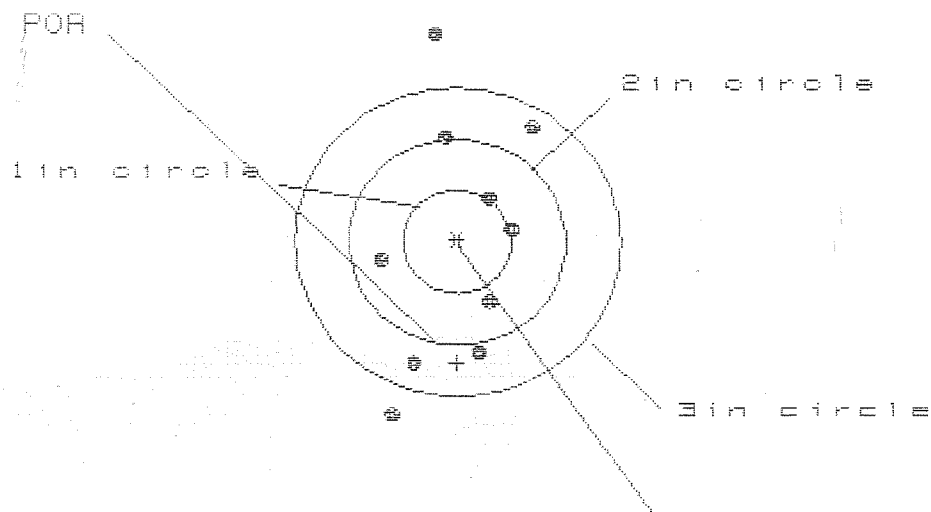
GS= 4.116

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.721	1.456	1.213
MINIMUM X	:	-2.387	-1.943	-1.186
MAXIMUM Y	:	1.885	1.865	1.702
MINIMUM Y	:	-1.208	-1.308	-1.405
CENTROID X	:	.205	.470	.713
CENTROID Y	:	1.519	1.539	1.702
POA TO CENTROID in.	:	1.532	1.609	1.846
MIN RADIUS	:	.287	.502	.794
MEAN RADIUS	:	1.487	1.364	1.220
MAX RADIUS	:	2.394	2.343	2.074
HORIZONTAL SPREAD	:	4.108	3.399	2.399
VERTICAL SPREAD	:	3.173	3.173	3.107
EXTREME SPREAD	:	4.116	3.586	3.536
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348824

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 1.362

VS = 3.668

GS = 3.687

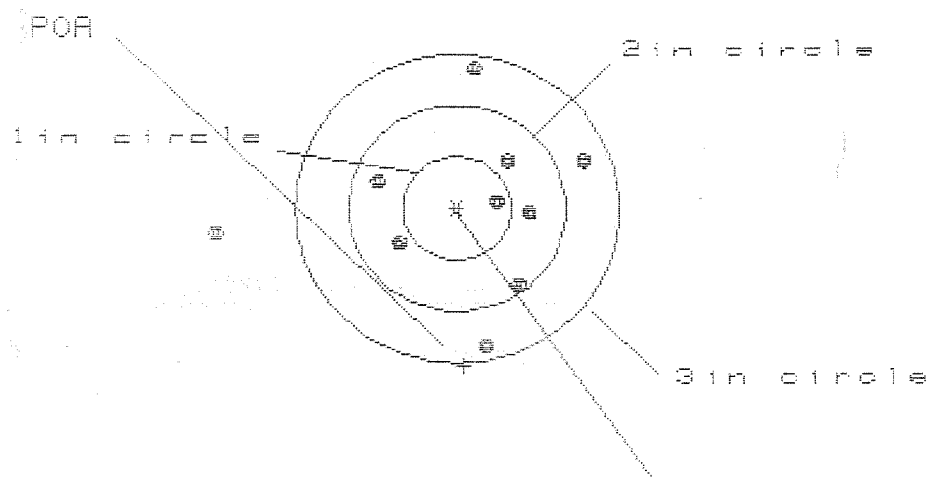
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.674	.653	.581
MINIMUM X	:	-.688	-.709	-.781
MAXIMUM Y	:	1.995	1.358	1.176
MINIMUM Y	:	-1.673	-1.451	-1.131
CENTROID X	:	.003	.024	.096
CENTROID Y	:	1.177	.955	1.137
FOR TO CENTROID in.	:	1.177	.956	1.141
MIN RADIUS	:	.473	.388	.451
MEAN RADIUS	:	1.068	.945	.852
MAX RADIUS	:	2.004	1.561	1.312
HORIZONTAL SPREAD	:	1.362	1.362	1.362
VERTICAL SPREAD	:	3.668	2.809	2.307
EXTREME SPREAD	:	3.687	3.066	2.543
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C634B024

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

CENTROID *

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 3.415

VS= 2.728

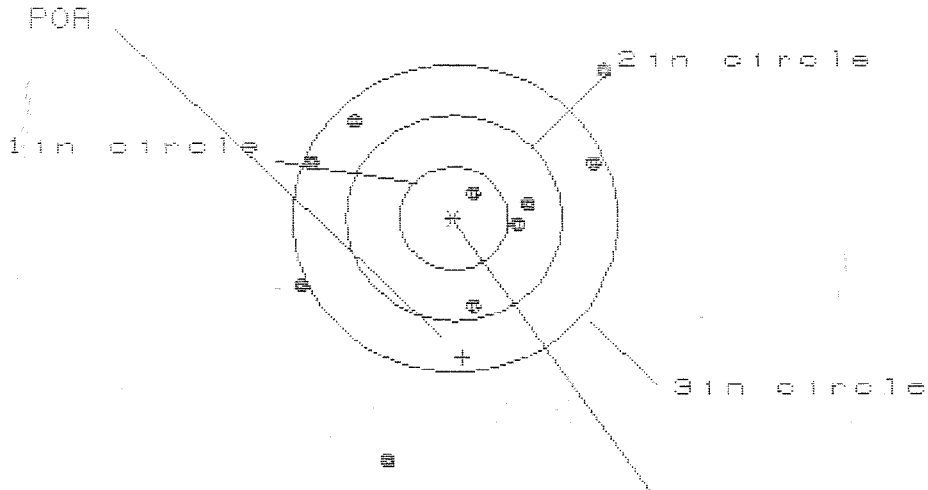
GS= 3.494

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.134	.881	.883
MINIMUM X	:	-2.281	-1.022	-1.019
MAXIMUM Y	:	1.361	1.335	1.161
MINIMUM Y	:	-1.367	-1.393	-.929
CENTROID X	:	-.067	.186	.183
CENTROID Y	:	1.534	1.560	1.734
POA TO CENTROID in.	:	1.536	1.571	1.743
MIN RADIUS	:	.328	.075	.170
MEAN RADIUS	:	1.031	.827	.753
MAX RADIUS	:	2.292	1.393	1.167
HORIZONTAL SPREAD	:	3.415	1.903	1.903
VERTICAL SPREAD	:	2.728	2.728	2.090
EXTREME SPREAD	:	3.494	2.732	2.134
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8345824

CENTERFIRE PATTERNS # 4



+ OF SHOTS- 10

CENTROID #

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.780

VS= 3.743

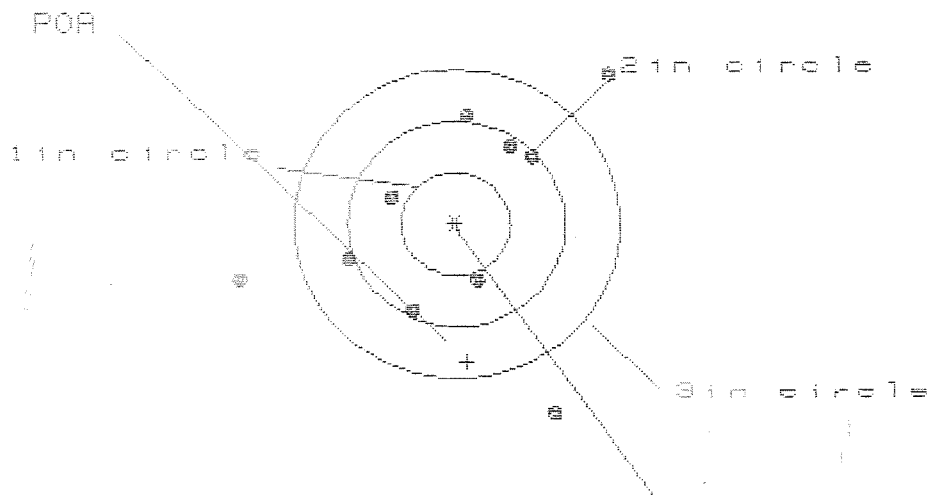
GS= 4.207

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.349	1.286	1.357
MINIMUM X	-1.431	-1.494	-1.333
MAXIMUM Y	1.409	1.149	.782
MINIMUM Y	-2.334	-1.141	-.997
CENTROID X	-.088	-.017	-.178
CENTROID Y	1.354	1.614	1.470
POA TO CENTROID in.	1.357	1.614	1.481
MIN RADIUS	.330	.131	.329
MEAN RADIUS	1.253	1.088	1.030
MAX RADIUS	2.403	1.742	1.531
HORIZONTAL SPREAD	2.780	2.780	2.690
VERTICAL SPREAD	3.743	2.290	1.779
EXTREME SPREAD	4.207	3.452	2.951
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

2 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/0834B824

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

CENTROID #

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS = 3.404

VS = 3.315

QS = 3.967

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.445
MINIMUM X	-1.959
MAXIMUM Y	1.470
MINIMUM Y	-1.845
CENTROID X	-1.101
CENTROID Y	1.341
POA TO CENTROID in.	1.345
MIN RADIUS	.562
MEAN RADIUS	1.230
MAX RADIUS	2.070
HORIZONTAL SPREAD	3.404
VERTICAL SPREAD	3.315
EXTREME SPREAD	3.967
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	7

Remington



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

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

MODEL 700TM H24

SERIAL NO.

06348824

ORDER NO.

5716

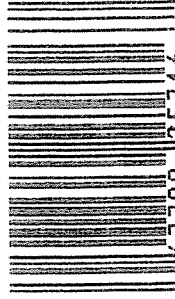
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 06348824

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

CG348824

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	G.S.
7	Drill and Tap Sight Holes	9 15	89	FB
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		1/6/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/16/89	92/
	G) Safety Off Force	3	3	3			10/16/89	92/
	H) Trigger Pull Test & Retainability						10/16/89	92/
	I) Firing Pin Indent	.021	.021	.0225			10/14/89	92/
	J) Assemble Stock						10/17/89	92/
	K) Assemble Swivel Studs						10/17/89	92/
	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						12/11/89	RW
	O) Attach Scope to Rifle						10/17/89	92/
	P) Detach & Attach Scope 20 Times						10/17/89	92/
640	Gallery Target & Test						10-18-89	DH
	A) Time						10-18-89	DH
	B) Malfunctions						10-18-89	DH
	C) Pierced Primers						10-18-89	DH
	D) Optical Clarity of Scope						10-18-89	DH
645	Inspect for Live Ammo						10-18-89	DH
655	Final Inspection							
	A) Headspace						250/89	92/
	B) Trigger Pull	237	247	251	250	253	250/89	92/
	C) Function						250/89	92/
660	Pack						15 Dec 89	92/

RC-30

SWS TRIGGER PULL TEST

8824

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348854

DATE 13 MAR 1980

TESTER J28

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	235	245		257	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	250	250		254	
PULL #3	245	251		257	
PULL #4	249	250		258	
PULL #5	251	254		258	
TOTAL	1230	1250			
AVG.	246	250			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	328	337		
PULL #2	334	324		
PULL #3	320	333		
PULL #4	337	329		
PULL #5	335	336		
TOTAL	1654	1659		
AVG.	3308	3318		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	443	448		
PULL #2	450	449		
PULL #3	439	453		
PULL #4	446	442		
PULL #5	414	416		
TOTAL	2192	2202		
AVG.	4384	4404		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348824
18 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.452435
1 TO	2	.497926
1 TO	3	.706416
1 TO	4	.797527
1 TO	5	.829759

1.25 (----POA

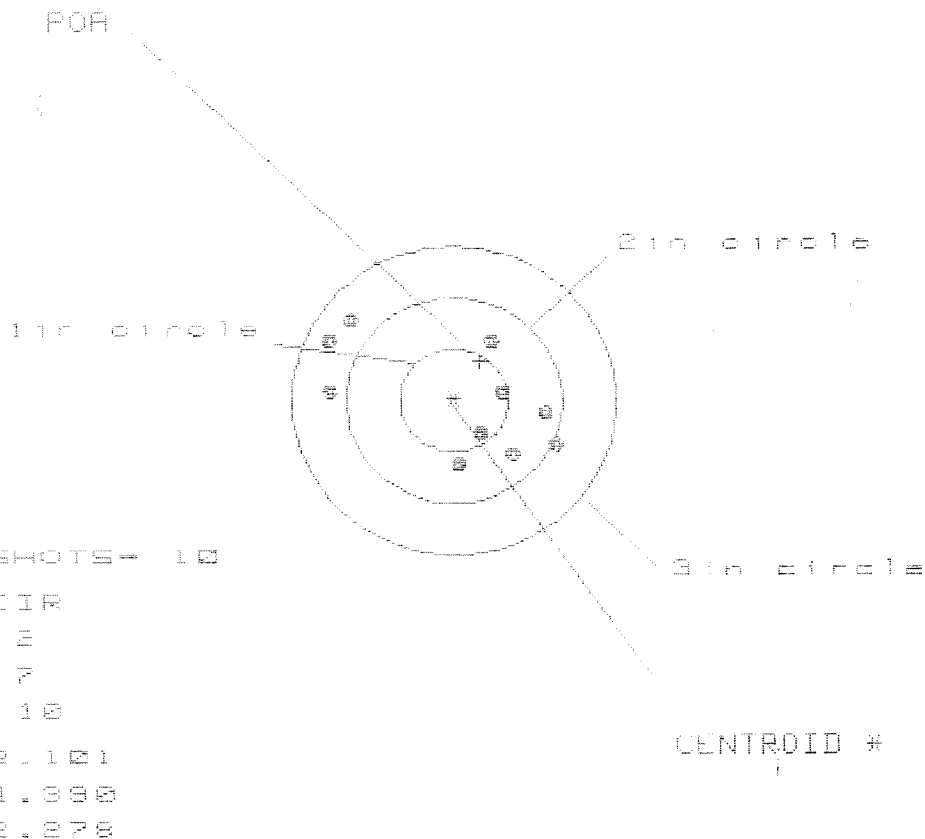
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2854
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.219
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .359742
THE AMR FOR THIS RIFLE IS: .9772

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06948824

CENTERFIRE PATTERNS

1



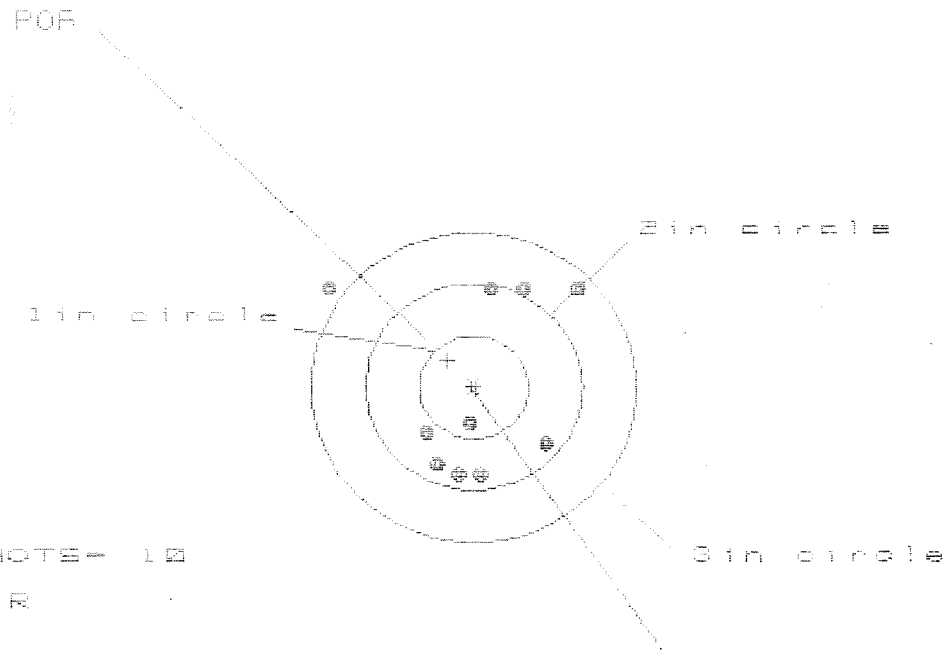
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.911	.783	.618
MINIMUM X	:	-1.190	-1.318	-1.200
MAXIMUM Y	:	.736	.796	.817
MINIMUM Y	:	-.654	-.594	-.573
CENTROID X	:	-.244	-.116	.049
CENTROID Y	:	-.381	-.441	-.462
POR TO CENTROID in.	:	.452	.456	.464
MIN RADIUS	:	.394	.289	.177
MEAN RADIUS	:	.839	.745	.620
MAX RADIUS	:	1.279	1.329	1.458
HORIZONTAL SPREAD	:	2.101	2.101	1.826
VERTICAL SPREAD	:	1.390	1.390	1.390
EXTREME SPREAD	:	2.278	2.164	2.155
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B824

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.291

VS= 1.863

GS= 2.446

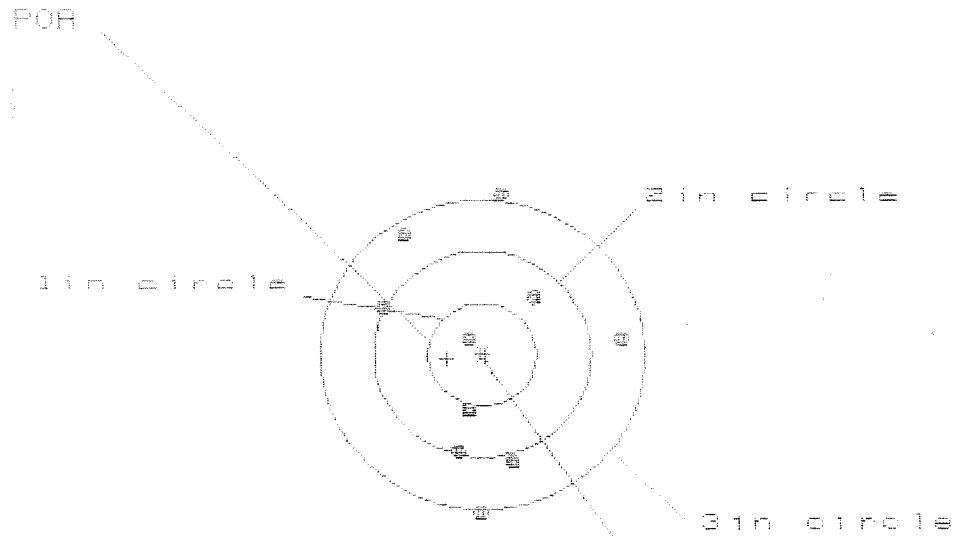
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.977	.831	.578
MINIMUM X	-1.314	-.564	-.460
MAXIMUM Y	.996	1.098	1.190
MINIMUM Y	-.867	-.765	-.628
CENTROID X	.239	.385	.281
CENTROID Y	-.260	-.362	-.499
POA TO CENTROID in.	.353	.528	.572
MIN RADIUS	.342	.283	.113
MEAN RADIUS	.932	.892	.700
MAX RADIUS	1.602	1.377	1.249
HORIZONTAL SPREAD	2.291	1.395	1.038
VERTICAL SPREAD	1.863	1.863	1.818
EXTREME SPREAD	2.446	2.181	1.869
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348824

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.177

VS= 3.063

GS= 3.074

CENTROID #

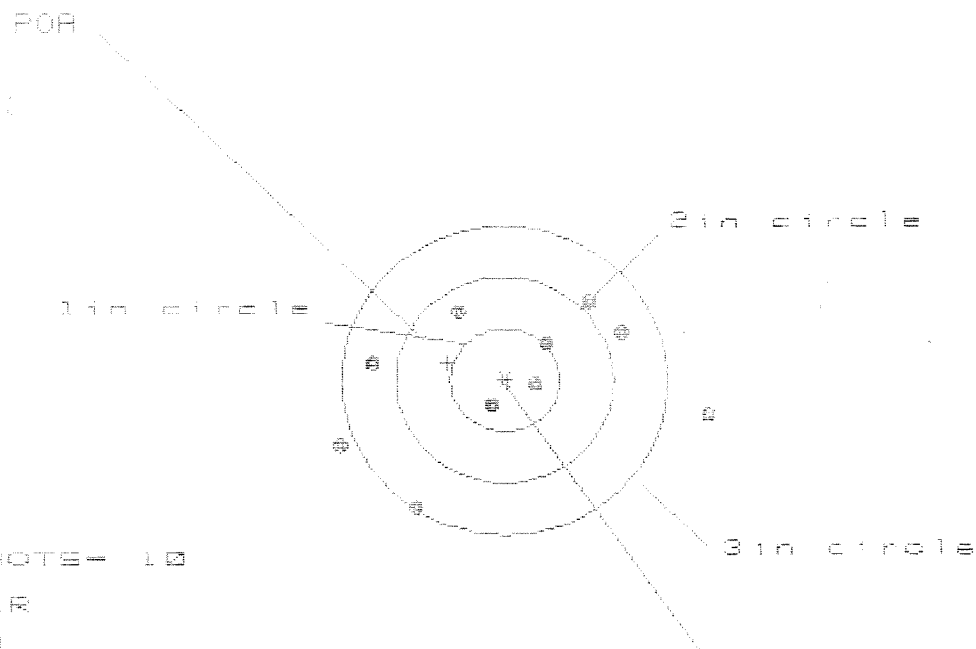
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.266
MINIMUM X	-1.909
MAXIMUM Y	1.537
MINIMUM Y	-1.526
CENTROID X	.324
CENTROID Y	.039
POR TO CENTROID in.	.326
MIN RADIUS	.220
MEAN RADIUS	1.018
MAX RADIUS	1.548
HORIZONTAL SPREAD	2.177
VERTICAL SPREAD	3.063
EXTREME SPREAD	3.074
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

18 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C834B824

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 3.354

VS= 1.967

CS= 3.371

CENTROID #

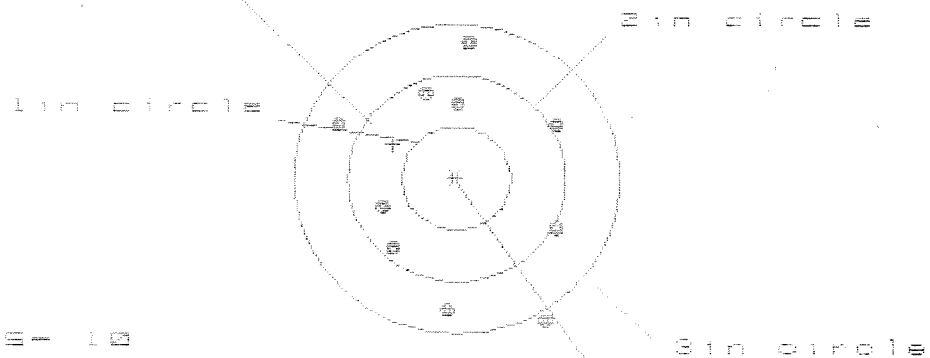
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.835	1.231	1.065
MINIMUM X	-1.529	-1.325	-1.235
MAXIMUM Y	.766	.724	.645
MINIMUM Y	-1.201	-1.243	-1.322
CENTROID X	.524	.320	.486
CENTROID Y	-.166	-.124	-.045
POR TO CENTROID in.	.550	.343	.438
MIN RADIUS	.237	.288	.297
MEAN RADIUS	1.022	.940	.836
MAX RADIUS	1.873	1.468	1.550
HORIZONTAL SPREAD	3.364	2.556	2.300
VERTICAL SPREAD	1.967	1.967	1.967
EXTREME SPREAD	3.371	2.769	2.527
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6834B824

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 2.058

VS= 2.663

GS= 2.740

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	1.017	1.044
MINIMUM X	:	-1.128	-1.041	-1.014
MAXIMUM Y	:	1.318	1.169	.839
MINIMUM Y	:	-1.345	-1.386	-1.240
CENTROID X	:	.584	.497	.470
CENTROID Y	:	-.327	-.178	-.324
FOR TO CENTROID in.	:	.669	.528	.571
MIN RADIUS	:	.742	.615	.600
MEAN RADIUS	:	1.075	.998	.972
MAX RADIUS	:	1.553	1.387	1.242
HORIZONTAL SPREAD	:	2.058	2.058	2.058
VERTICAL SPREAD	:	2.663	2.555	2.079
EXTREME SPREAD	:	2.740	2.561	2.262
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	