

C6594670

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M2400021524

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: RE00144818

Serial: C6594670 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:40 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

nagletj

4/24/2008

12:24 PM

NUM



Serial Number: C6594670

Model: M24 SWS



RE00144818

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594670.___0

FILE DATE AND TIME: 05/28/2008 05:46

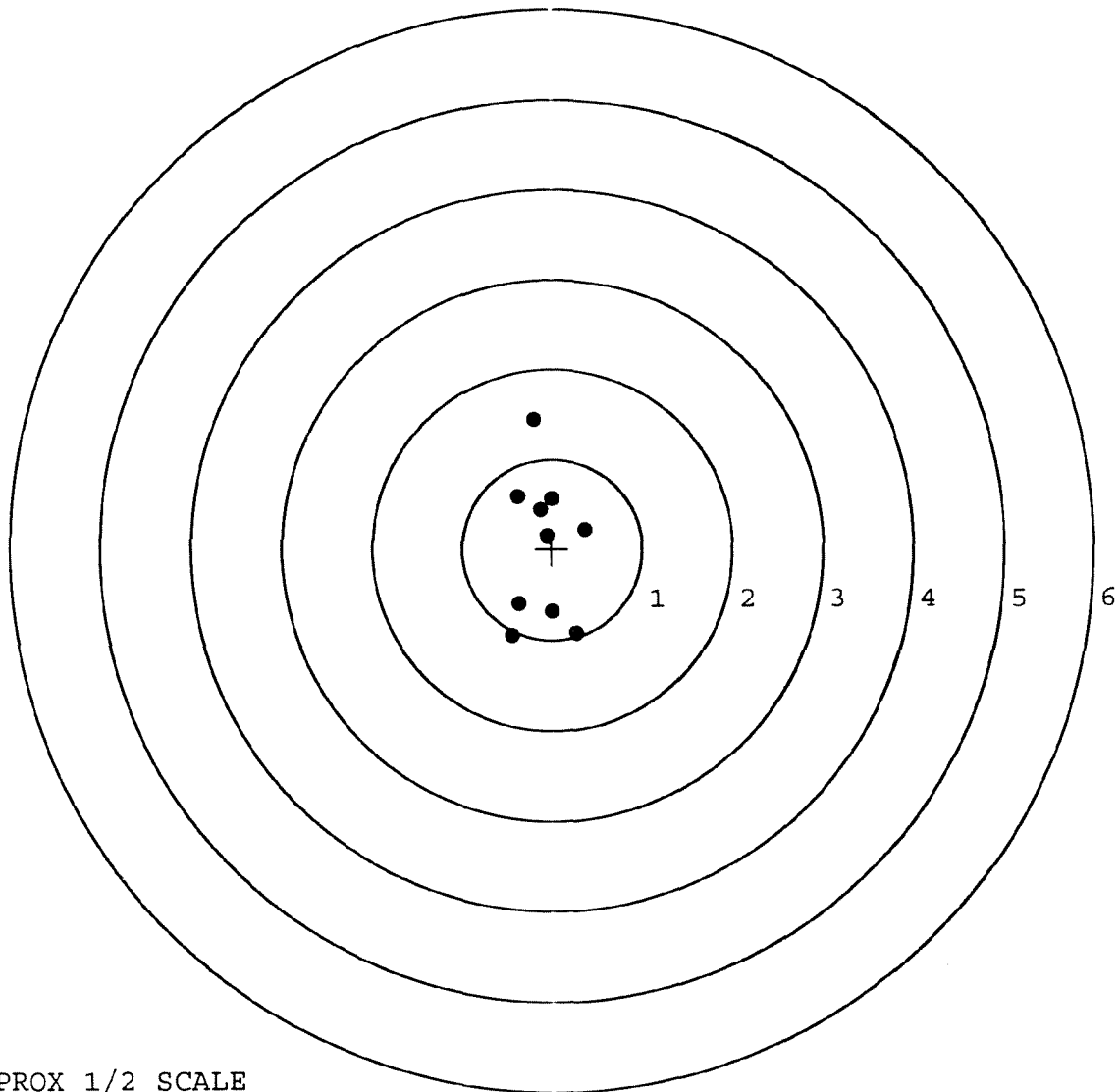
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.096
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.257
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.080

SERIAL NUMBER: C6594670. __0
TARGET NUMBER: 1
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID: -0.094
Y CENTROID: 0.020
POA TO CENTROID: 0.096
HORZ SPREAD: 0.811
VERT SPREAD: 2.394
GROUP SPREAD: 2.413
MIN RADIUS: 0.141
MAX RADIUS: 1.423
MEAN RADIUS: 0.712
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.201	1.439
2:	-0.381	0.582
3:	0.363	0.219
4:	-0.048	0.153
5:	-0.132	0.436
6:	0.000	0.555
7:	0.005	-0.697
8:	-0.373	-0.609
9:	-0.448	-0.955
10:	0.271	-0.927

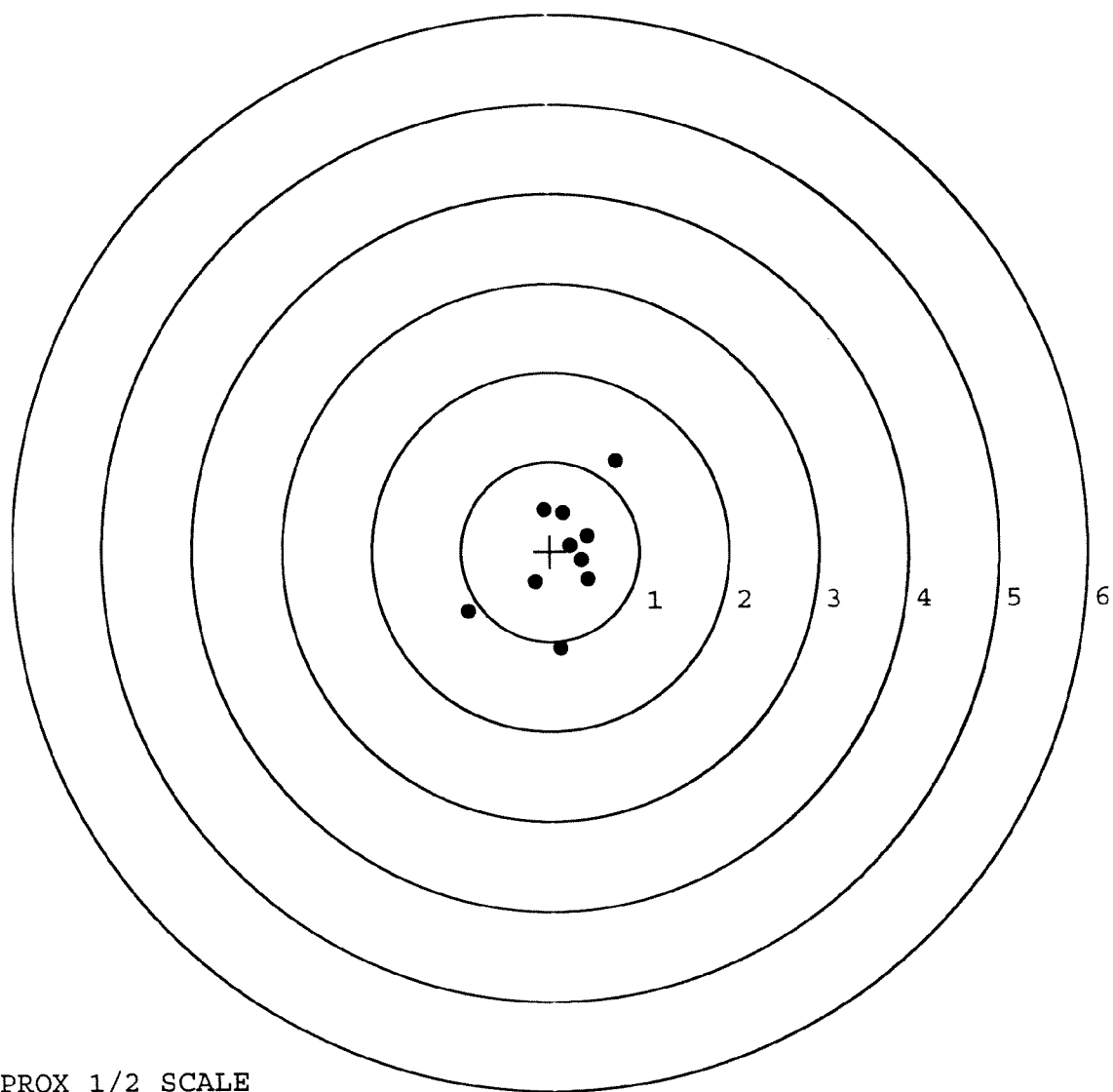


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.___0
TARGET NUMBER: 2
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID: 0.127
Y CENTROID: -0.038
POA TO CENTROID: 0.132
HORZ SPREAD: 1.663
VERT SPREAD: 2.090
GROUP SPREAD: 2.359
MIN RADIUS: 0.141
MAX RADIUS: 1.222
MEAN RADIUS: 0.605
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.118	-1.086
2:	-0.920	-0.669
3:	-0.169	-0.341
4:	0.743	1.004
5:	-0.073	0.465
6:	0.153	0.428
7:	0.414	0.167
8:	0.223	0.065
9:	0.351	-0.101
10:	0.426	-0.314

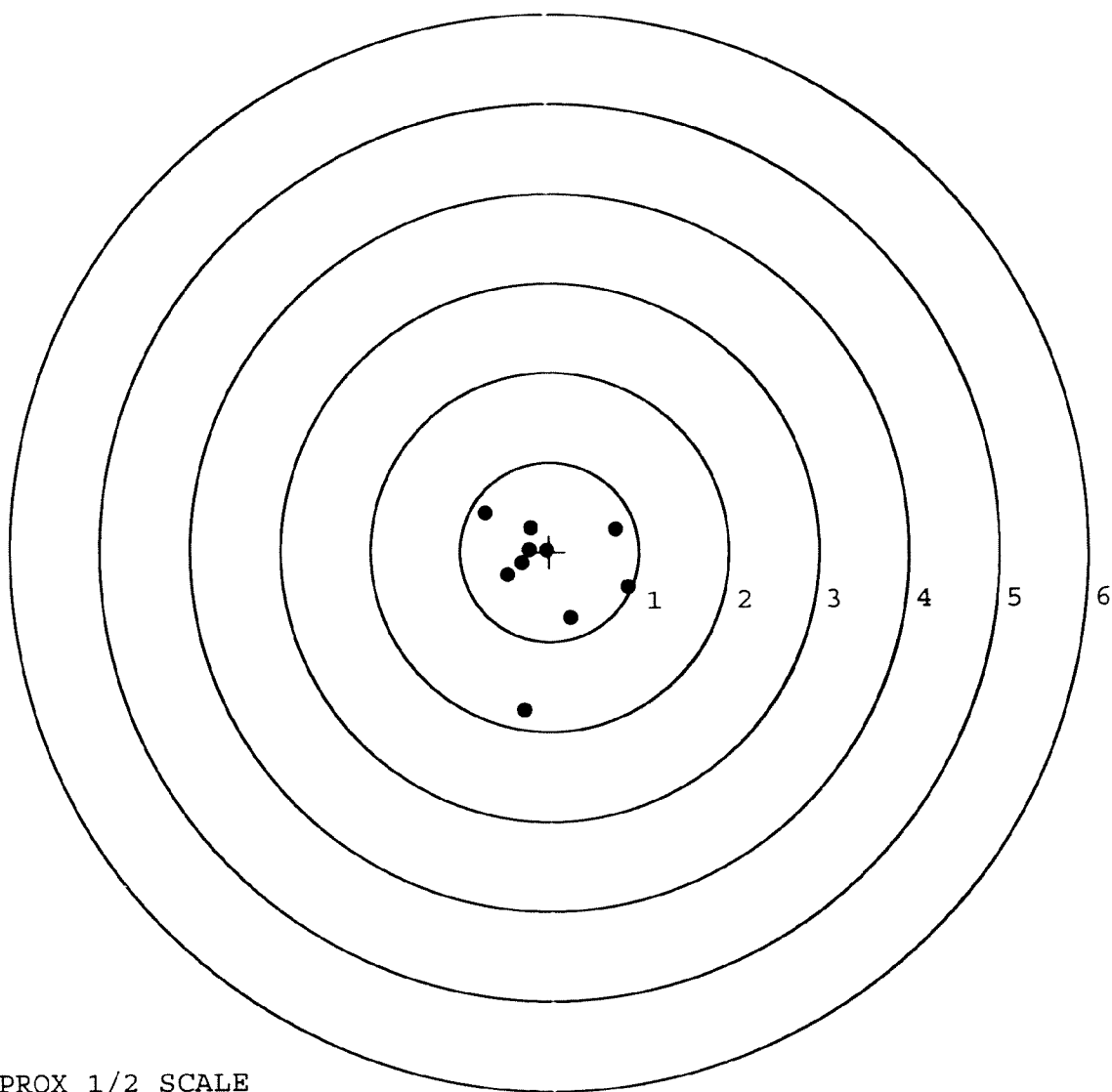


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.___0
TARGET NUMBER: 3
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID: -0.042
Y CENTROID: -0.232
POA TO CENTROID: 0.236
HORZ SPREAD: 1.597
VERT SPREAD: 2.206
GROUP SPREAD: 2.271
MIN RADIUS: 0.247
MAX RADIUS: 1.560
MEAN RADIUS: 0.676
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.879	-0.403
2:	0.743	0.248
3:	0.231	-0.744
4:	-0.296	-1.771
5:	-0.718	0.435
6:	-0.212	0.271
7:	-0.030	0.015
8:	-0.232	0.022
9:	-0.309	-0.128
10:	-0.473	-0.266



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.___0

TARGET NUMBER: 4

FILE DATE: 05/28/2008

FILE TIME: 05:46

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

1:	0.734	0.198
----	-------	-------

2:	0.107	0.769
----	-------	-------

3:	0.069	-1.165
----	-------	--------

4:	-0.122	-0.823
----	--------	--------

5:	-0.139	0.135
----	--------	-------

6:	-0.475	-0.069
----	--------	--------

7:	-0.523	0.459
----	--------	-------

8:	0.345	-0.438
----	-------	--------

9:	0.105	-0.325
----	-------	--------

10:	-0.139	-0.376
-----	--------	--------

X CENTROID: -0.004

Y CENTROID: -0.164

POA TO CENTROID: 0.164

HORZ SPREAD: 1.257

VERT SPREAD: 1.934

GROUP SPREAD: 1.934

MIN RADIUS: 0.195

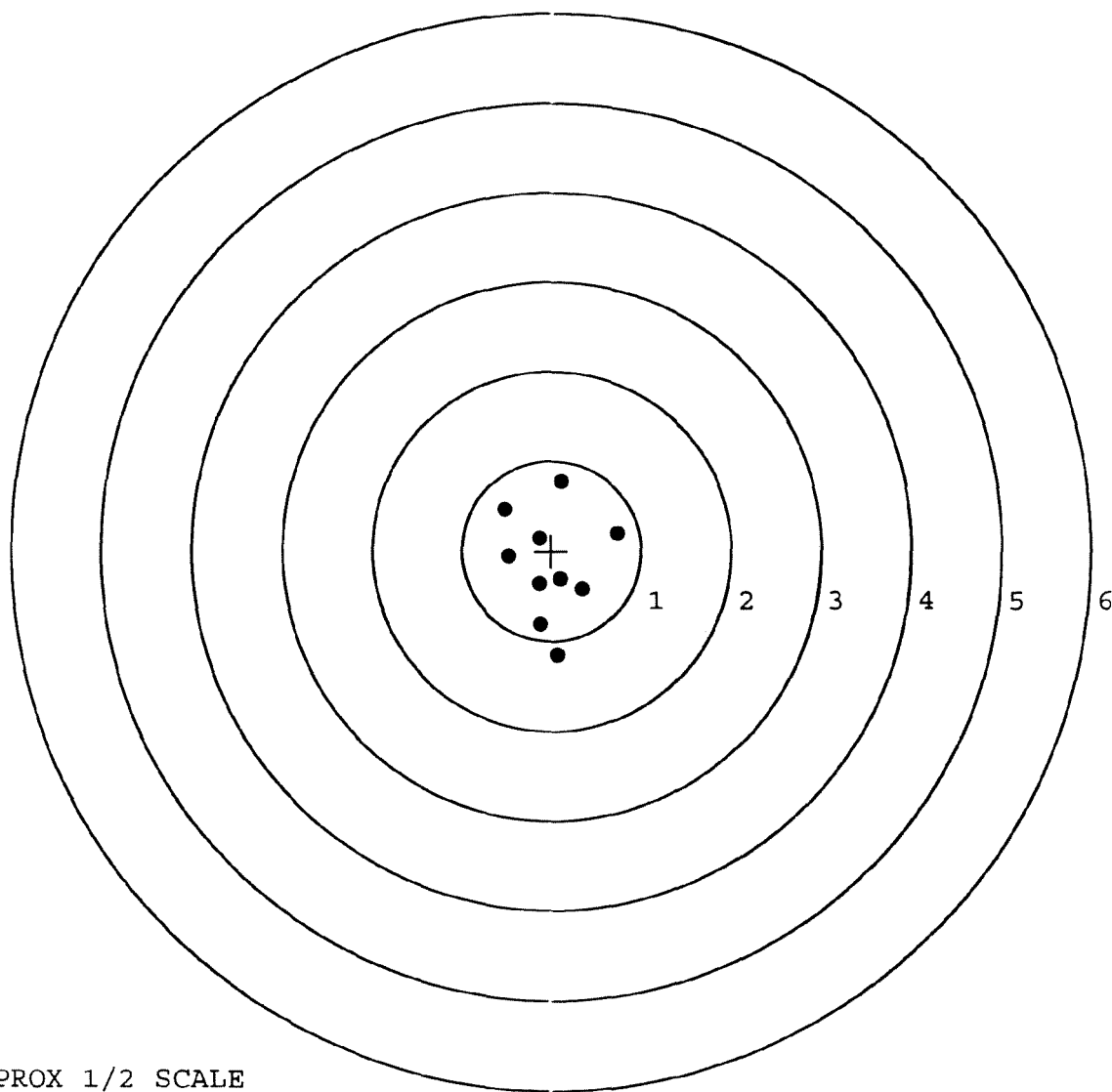
MAX RADIUS: 1.004

MEAN RADIUS: 0.594

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.___0

TARGET NUMBER: 5

FILE DATE: 05/28/2008

FILE TIME: 05:46

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

1:	0.997	-0.169
----	-------	--------

2:	0.234	0.117
----	-------	-------

3:	-0.222	0.446
----	--------	-------

4:	-0.678	1.014
----	--------	-------

5:	-0.155	0.530
----	--------	-------

6:	-0.364	0.060
----	--------	-------

7:	-0.260	-0.333
----	--------	--------

8:	-0.053	-0.171
----	--------	--------

9:	0.168	-0.262
----	-------	--------

10:	0.034	-0.567
-----	-------	--------

X CENTROID: -0.030

Y CENTROID: 0.067

POA TO CENTROID: 0.073

HORZ SPREAD: 1.675

VERT SPREAD: 1.581

GROUP SPREAD: 2.051

MIN RADIUS: 0.239

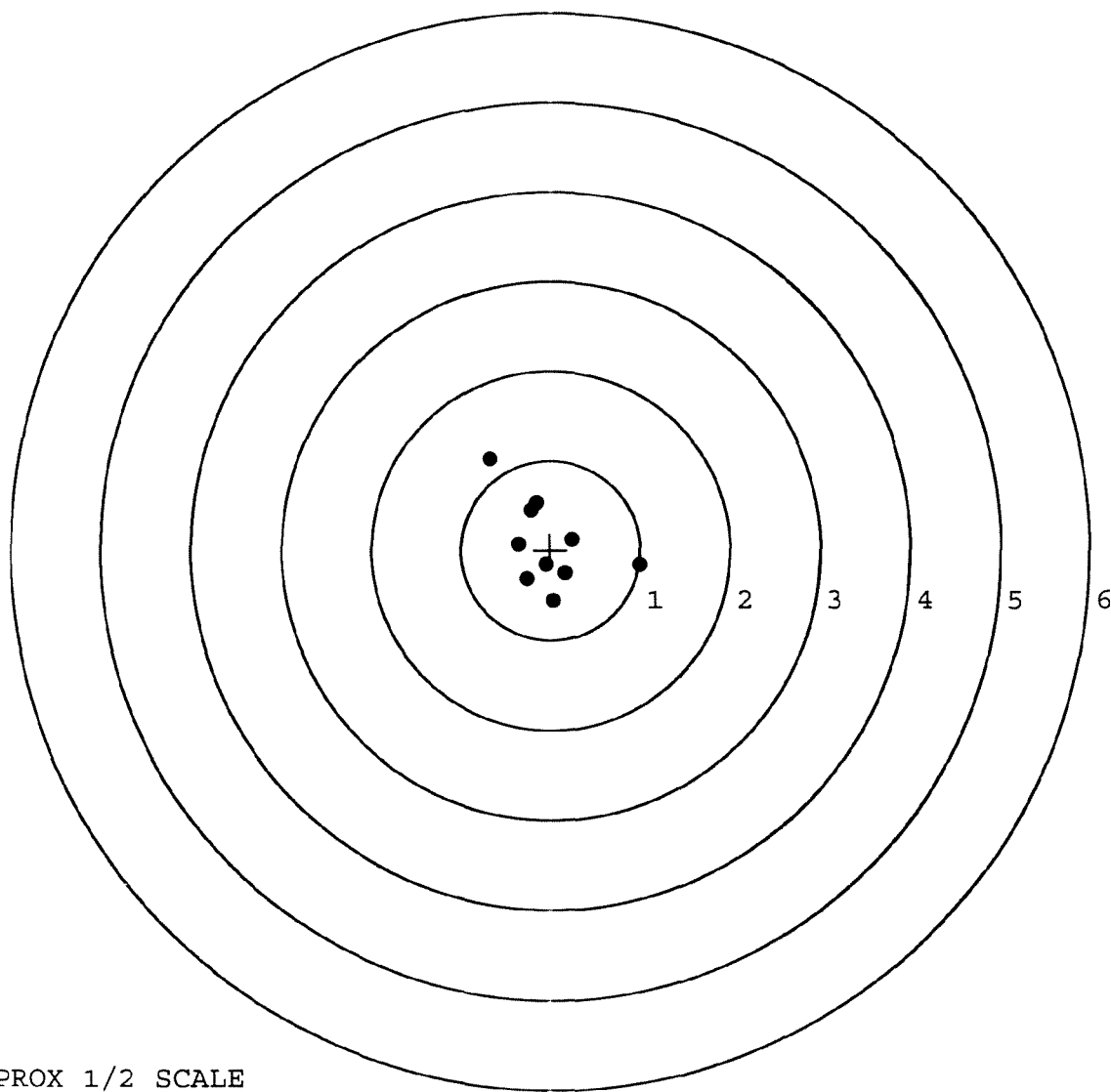
MAX RADIUS: 1.148

MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 7

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

144818

SERIAL NUMBER

C6594670

LOG-IN DATE

4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-28-08	RTZ
505	RE-BARREL			
560	ASSEMBLE		4-30-08	TRW
600	PROOF		4-30-08	TRW
605	CHECK HEADSPACE		4-30-08	TRW
610	DIS-ASSEMBLE GUN		4-30-08	TRW
612	MAGNAFLUX	MAGNA - FLUX OPERATOR <i>unms</i>	5-1-08	unms
510	DRILL AND TAP		5-1-08	TRW
615	ROLLMARK CALIBER		5-1-08	CW
618	ROTO-BLAST		5-1-08	DS
620	APPLY COATINGS		5-5-08	CA
625	FINAL ASSEMBLY		5-23-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-27-08	SD
650	TARGET	PASS FAIL	5-27-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-27-08	RP
670	FINAL INSPECTION		5/28/08	Fm
	A) HEADSPACE	PASS FAIL	5/28/08	Fm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.92 2.90 2.92 2.94 2.97 5/28/08	Fm
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5 ⁵ 5 ⁵ 5 ⁵ 5/28/08	Fm
	G) SAFETY OFF FORCE	2 LBS	3 3 ⁵ 3 ⁵ 5/28/08	Fm
	I) FIRING PIN INDENT	.020	.022 .022 .022 5/28/08	Fm
690	PACK		5/29/08	Fm

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18062

INITIAL
FDC
CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

Scope # 90-0536

DATE RECEIVED
06/09/94
DATE OPENED
06/09/94
DATE CODESERIAL NUMBER
C6594670

NEW SERIAL NUMBER

MODEL AND GRADE

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

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
ANNISTONAL
36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

✓ Trigger Assy

✓ New firing Pin

✓ Front + Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

3/22/96

3/22/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400021533

SWS TRIGGER PULL TEST

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

SERIAL NO. 06594670
DATE 3/9/96
TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.57	2.81	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.95	2.64	
PULL #3	2.54	2.90	2.59	
PULL #4	2.54	3.0	2.64	
PULL #5	2.55	3.01	2.70	
TOTAL	12.43	11.673	13.30	
AVG.	2.48	2.33	2.66	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.28	3.40	
PULL #2	3.45	3.40	
PULL #3	3.45	3.43	
PULL #4	3.45	3.43	
PULL #5	3.40	3.46	
TOTAL	17.03	17.12	
AVG.	3.406	3.42	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.07	3.90	
PULL #2	4.19	4.00	3.90	
PULL #3	4.01	3.98	3.88	
PULL #4	4.02	3.97	3.88	
PULL #5	4.07	3.91	3.92	
TOTAL	20.48	19.93	19.48	
AVG.	4.096	3.986	3.896	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594670
22 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	1.37873
1 TO	2	.646174
1 TO	3	.983712
1 TO	4	.802841
1 TO	5	.604206

1
P
3
1 <----POA

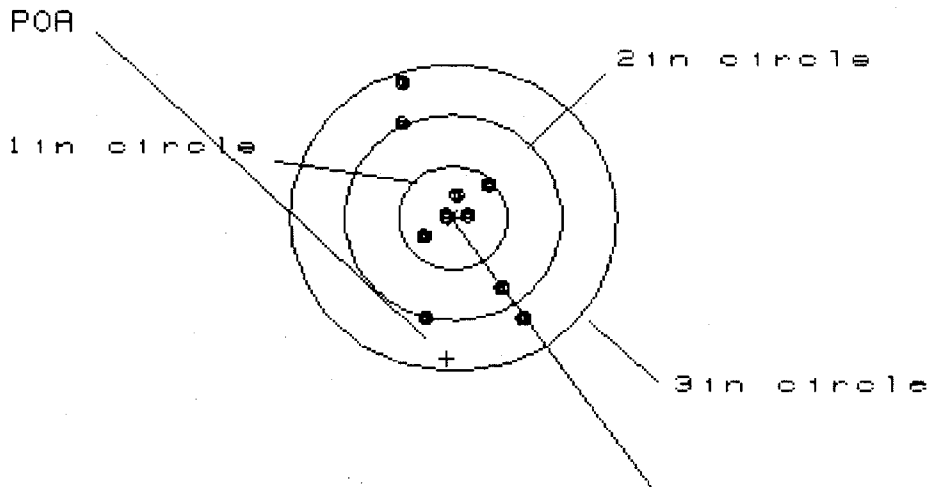
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0782
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .783
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .786895

THE AMR FOR THIS RIFLE IS: 1.019

22 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

CENTROID *

IN CIR

1in = 5

2in = 6

3in = 10

HS= 1.051

VS= 2.320

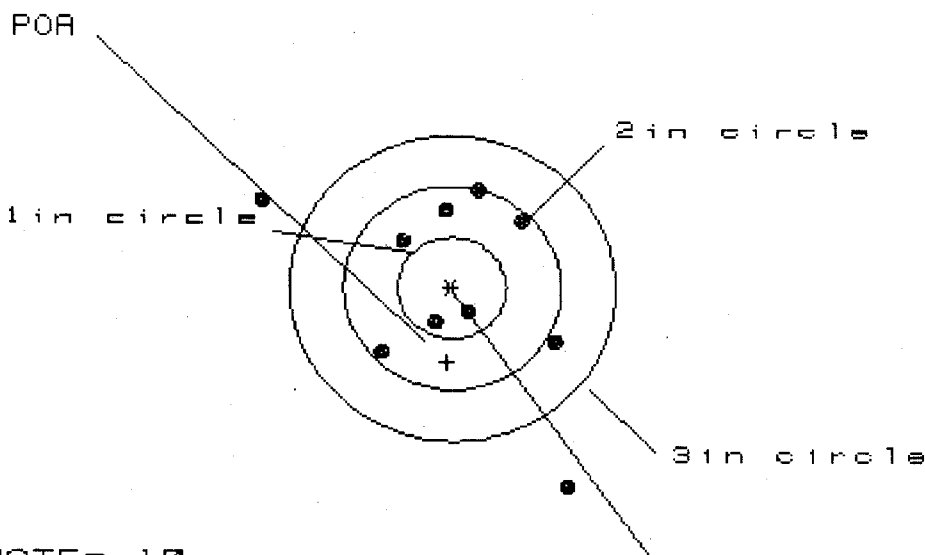
GS= 2.470

PATTERN #	:			
SHOTS (BEST OF)	:			8
MAXIMUM X	:	1.507	.506	.416
MINIMUM X	:	-1.474	.515	-.448
MAXIMUM Y	:	1.005	1.080	.981
MINIMUM Y	:	-1.017	-.872	-.971
CENTROID X	:	.069	.120	.052
CENTROID Y	:	1.377	1.232	1.331
POA TO CENTROID in.	:	1.379	1.238	1.332
MIN RADIUS	:	.091	.167	.085
MEAN RADIUS	:	.659	.588	.516
MAX RADIUS	:	1.381	1.196	1.078
HORIZONTAL SPREAD	:	1.051	1.051	.864
VERTICAL SPREAD	:	2.320	1.952	1.932
EXTREME SPREAD	:	2.470	2.146	1.961
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.846

VS= 2.926

GS= 4.021

CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	8		
MAXIMUM X	1.450		.848
MINIMUM X	-.739		-.739
MAXIMUM Y	.821		.821
MINIMUM Y	-.750		-.750
CENTROID X	.054	-.063	.147
CENTROID Y	.731	.950	.868
POR TO CENTROID in.	.733	.952	.880
MIN RADIUS	.262	.411	.371
MEAN RADIUS	1.811	.967	.732
MAX RADIUS	2.232	1.800	1.072
HORIZONTAL SPREAD	2.846	2.735	1.587
VERTICAL SPREAD	2.926	1.571	1.571
EXTREME SPREAD	4.021	3.068	1.817
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

22 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

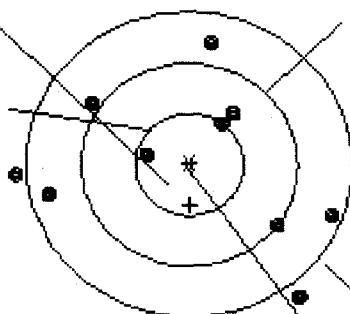
CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle



CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 2.846

VS= 2.509

GS= 2.875

PATTERN #

3

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

8

1.232

-1.348

1.076

-0.797

0.060

0.564

0.567

0.300

0.906

1.433

2.580

1.873

2.585

2

3

8

22 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in = 7

HS= 3.177

VS= 2.165

GS= 3.509

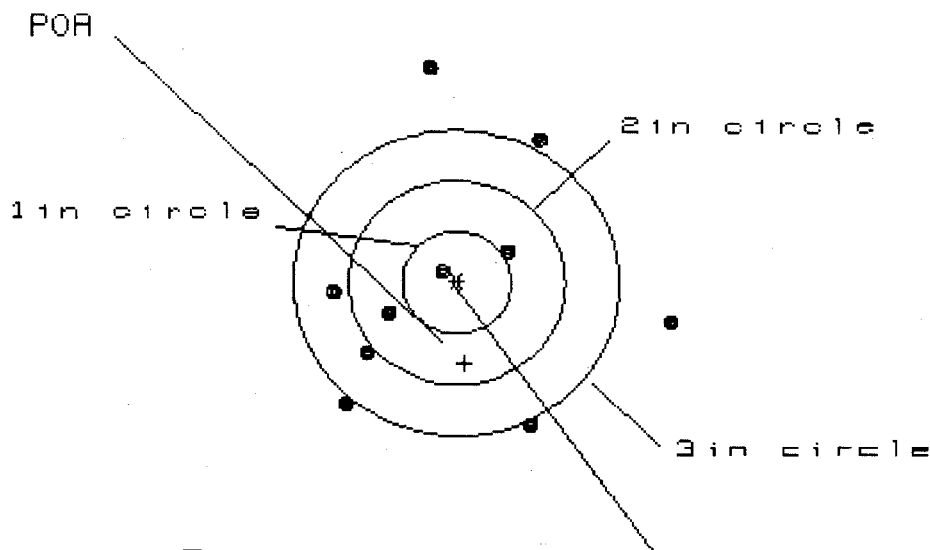
CENTROID *

PATTERN #	:	4	:	8
SHOTS (BEST OF)	:	10	:	8
MAXIMUM X	:		:	.880
MINIMUM X	:		:	-1.286
MAXIMUM Y	:		:	.857
MINIMUM Y	:		:	-1.308
CENTROID X	:	.045	:	.422
CENTROID Y	:	.583	:	.720
POA TO CENTROID in.	:	.710	:	.835
MIN RADIUS	:	.361	:	.426
MEAN RADIUS	:	1.117	:	.924
MAX RADIUS	:	1.940	:	1.532
HORIZONTAL SPREAD	:	3.177	:	2.166
VERTICAL SPREAD	:	2.165	:	2.165
EXTREME SPREAD	:	3.509	:	2.873
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

22 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06594670

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 5

HS= 3.086

VS= 3.506

GS= 3.618

CENTROID #

PATTERN #	:	5	:	5	:	8
SHOTS (BEST OF)	:	10	:	9	:	8
MAXIMUM X	:		:		:	0.55
MINIMUM X	:		:		:	-0.887
MAXIMUM Y	:		:		:	1.673
MINIMUM Y	:		:		:	-1.143
CENTROID X	:		:		:	-0.291
CENTROID Y	:		:		:	0.568
POA TO CENTROID in.	:		:		:	0.638
MIN RADIUS	:		:		:	0.327
MEAN RADIUS	:	1.234	:	1.132	:	0.972
MAX RADIUS	:	2.153	:	1.959	:	1.926
HORIZONTAL SPREAD	:	3.086	:	3.086	:	1.842
VERTICAL SPREAD	:	3.506	:	2.816	:	2.816
EXTREME SPREAD	:	3.618	:	3.140	:	3.140
NUMBER IN ONE INCH CIRCLE	=		=	1	=	
NUMBER IN TWO INCH CIRCLE	=		=	3	=	
NUMBER IN THREE INCH CIRCLE	=		=	5	=	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594670

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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	2.5 6	6			5/8/96	RW
	G) Safety Off Force	2.5	2.5	2.5			5/4/96	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.021	.021			5/4/96	RW
	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							
	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	2.89	2.89	2.79	2.89	2.89	5/4/96	JDR
	C) Function							
660	Pack							

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

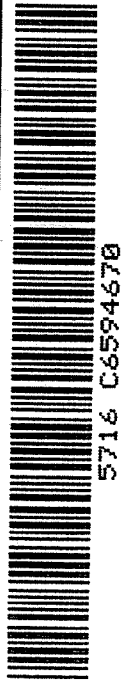
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

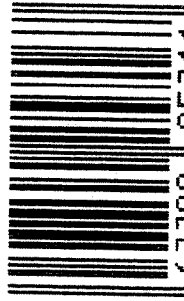
SERIAL NO.
C6594670

ORDER NO.
5716

20



UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594670**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600 920	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	2 2 9 1		FB
618	Polish Barrel <i>P.B.B.</i>	2 2 9 1		WB
620	Apply Coatings (Barrel Action)		2-11-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/27/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/27/91	KS
	C) Inspect Ejector Hole for Chamfer		2/27/91	KS
	D) Oil Firing Pin Ass'y		2/27/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		2/27/91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force						2/27/91	DH
	G) Safety Off Force						2/27/91	DH
	H) Trigger Pull Test & Retainability						2/27/91	DH
	I) Firing Pin Indent						2/27/91	DH
	J) Assemble Stock						3/4/91	KL
	K) Assemble Swivel Studs						3-5-91	DH
	L) Attach Front and Rear Sight Assemblies						3/4/91	KL
	M) Iron Sight Alignment						3/4/91	KL
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	KL
	O) Attach Scope to Rifle						3/4/91	KL
	P) Detach & Attach Scope 20 Times						3/4/91	KL
640	Gallery Target & Test						3/4/91	KL
	A) Time							KL
	B) Malfunctions							KL
	C) Pierced Primers							KL
	D) Optical Clarity of Scope							KL
645	Inspect for Live Ammo						3/4/91	KL
655	Final Inspection							
	A) Headspace						3-5-91	DH
	B) Trigger Pull	2.32	2.32	2.54	2.42	2.40	3-5-91	KL
	C) Function						3-5-91	DH
660	Pack						3-5-91	DH

SWS TRIGGER PULL TEST

TIME 0.00

06594670

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. ~~06594670~~

DATE 7-25-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.48	2.36	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.44	2.62	2.32	
PULL #3	2.57	2.19	2.53	2.54	
PULL #4	2.67	2.35	2.67	2.42	
PULL #5	2.66	2.39	2.69	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	2.73		
PULL #2	3.33	3.30		
PULL #3	3.29	3.05		
PULL #4	3.32	3.27		
PULL #5	3.32	3.16		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.41		4.05
PULL #2	4.42	4.58		3.98
PULL #3	4.49	4.61		3.94
PULL #4	4.42	4.62		3.98
PULL #5	4.56	4.62		4.02
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06594670
5 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.147472
1 TO	2	.141315
1 TO	3	.13813
1 TO	4	.184098
1 TO	5	.206545

• <----POA

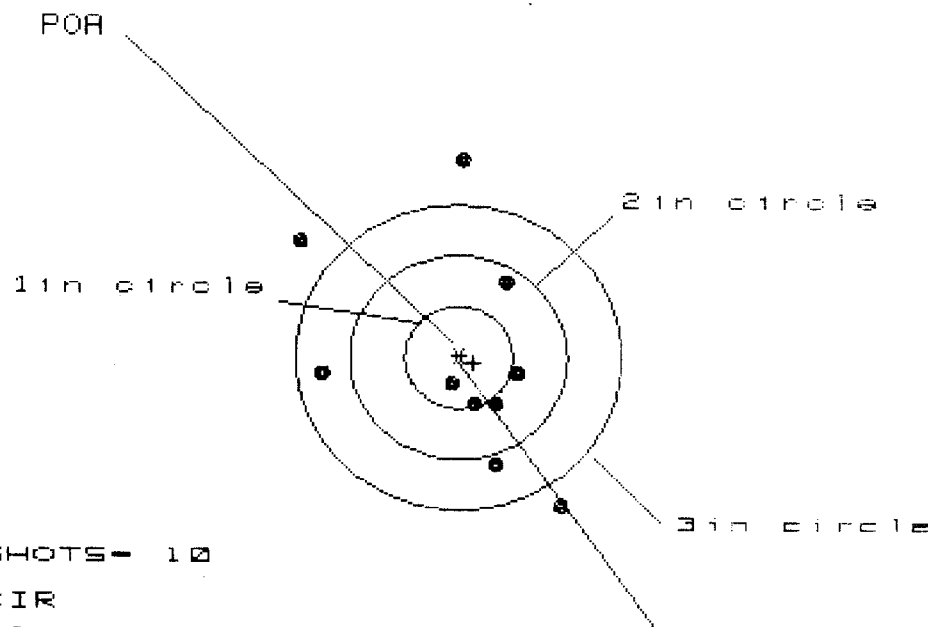
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0182
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0624
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .065

THE AMR FOR THIS RIFLE IS: 1.061

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594670

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 7

HS = 2.310

VS = 3.459

GS = 3.566

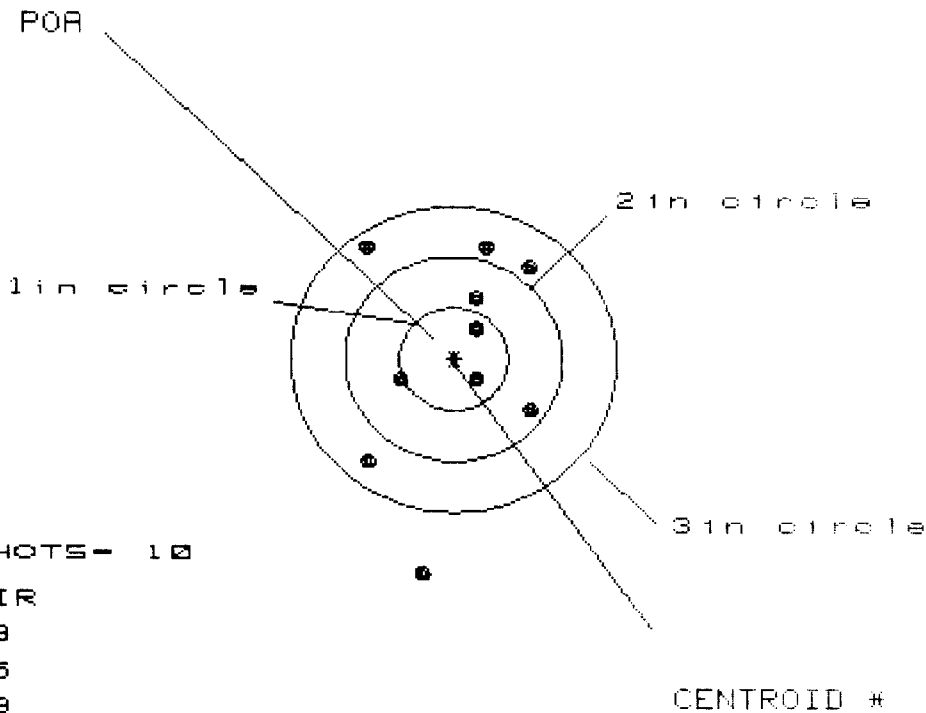
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.898	.902	.726
MINIMUM X	-1.412	-1.408	-1.427
MAXIMUM Y	1.992	1.368	1.139
MINIMUM Y	-1.467	-1.246	-1.075
CENTROID X	-.138	-.142	.034
CENTROID Y	.052	-.169	-.340
POA TO CENTROID in.	.148	.221	.342
MIN RADIUS	.252	.048	.073
MEAN RADIUS	1.053	.880	.691
MAX RADIUS	1.992	1.963	1.455
HORIZONTAL SPREAD	2.310	2.310	2.153
VERTICAL SPREAD	3.459	2.614	2.214
EXTREME SPREAD	3.566	3.488	2.546
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 1.509

VS = 3.236

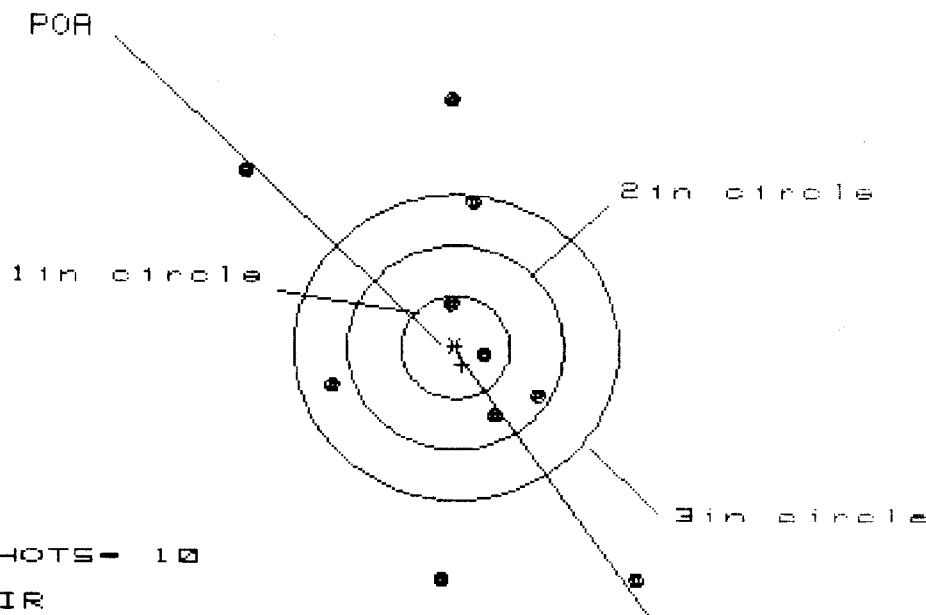
GS = 3.288

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.720	.686	.583
MINIMUM X	:	-.789	-.823	-.883
MAXIMUM Y	:	1.118	.883	.990
MINIMUM Y	:	-2.118	-1.269	-1.162
CENTROID X	:	-.007	.027	.130
CENTROID Y	:	-.001	.234	.127
POA TO CENTROID in.	:	.007	.235	.182
MIN RADIUS	:	.289	.154	.198
MEAN RADIUS	:	.975	.805	.748
MAX RADIUS	:	2.139	1.489	1.460
HORIZONTAL SPREAD	:	1.509	1.509	1.466
VERTICAL SPREAD	:	3.236	2.152	2.152
EXTREME SPREAD	:	3.288	2.407	2.407
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 3.580

VS= 4.724

GS= 5.372

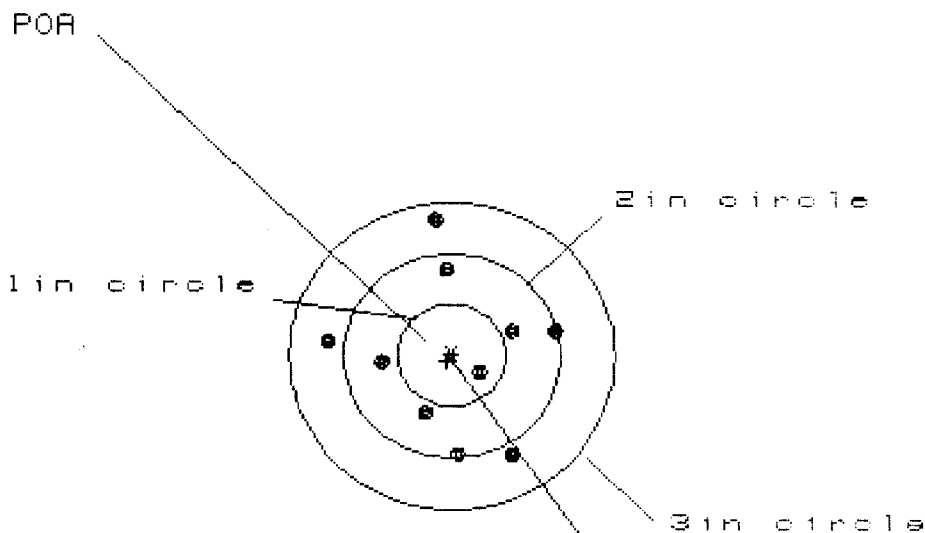
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.688	.910	.697
MINIMUM X	:	-1.892	-1.704	-1.139
MAXIMUM Y	:	2.451	2.199	2.384
MINIMUM Y	:	-2.273	-2.481	-2.296
CENTROID X	:	-.060	-.248	-.034
CENTROID Y	:	.166	.418	.233
POA TO CENTROID in.	:	.176	.486	.236
MIN RADIUS	:	.273	.274	.263
MEAN RADIUS	:	1.515	1.380	1.217
MAX RADIUS	:	2.831	2.481	2.384
HORIZONTAL SPREAD	:	3.580	2.614	1.836
VERTICAL SPREAD	:	4.724	4.680	4.680
EXTREME SPREAD	:	5.372	4.683	4.683
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

5 Mar 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.122

VS= 2.285

GS= 2.362

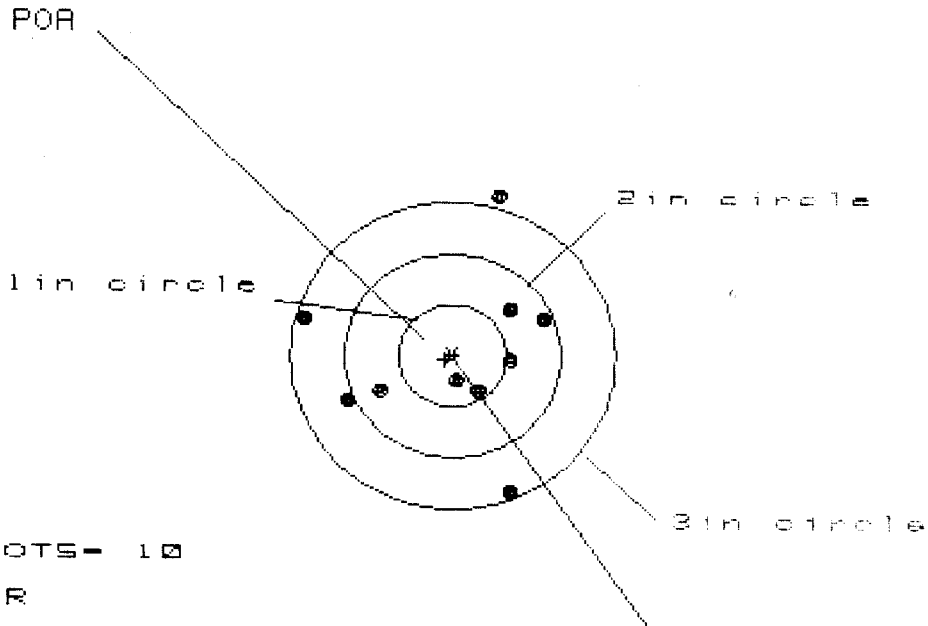
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.945	.797
MINIMUM X	:	-1.163	-1.177	-.832
MAXIMUM Y	:	1.307	.956	.986
MINIMUM Y	:	-.978	-.833	-.803
CENTROID X	:	.046	.060	.208
CENTROID Y	:	.058	-.087	-.117
POA TO CENTROID in.	:	.074	.106	.238
MIN RADIUS	:	.353	.280	.130
MEAN RADIUS	:	.856	.787	.712
MAX RADIUS	:	1.313	1.202	1.015
HORIZONTAL SPREAD	:	2.122	2.122	1.629
VERTICAL SPREAD	:	2.285	1.789	1.789
EXTREME SPREAD	:	2.362	2.126	1.873
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Mar 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.228

VS= 2.847

GS= 2.847

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.874	.927	.998
MINIMUM X	:	-1.353	-1.301	-1.230
MAXIMUM Y	:	1.535	.639	.496
MINIMUM Y	:	-1.312	-1.141	-.420
CENTROID X	:	.068	.016	-.055
CENTROID Y	:	.037	-.134	.009
POA TO CENTROID in.	:	.078	.135	.056
MIN RADIUS	:	.268	.105	.264
MEAN RADIUS	:	.906	.802	.763
MAX RADIUS	:	1.606	1.390	1.278
HORIZONTAL SPREAD	:	2.228	2.228	2.228
VERTICAL SPREAD	:	2.847	1.780	.916
EXTREME SPREAD	:	2.847	2.481	2.230
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	