

C6587508

MODEL 700™ M24

Model **SWS**™

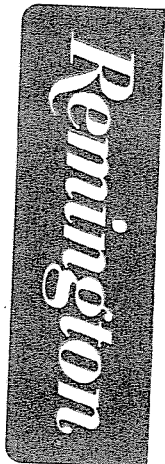
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



SL 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: **RE00092912** Serial: C6587508 Model: M24 SWS Genie Fire
 Caliber: 7.62 NATO Produced: 12/13/1990

Verify Repair: [Redacted] Status: Closed 2/10/2005 11:39:30 AM

Address Information

Customer: ☐ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: [Redacted] Address 2: [Redacted] PO Box: [Redacted]

City: **ANNISTON** **ANNISTON**

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

FIL: [Redacted]

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: [Redacted]

Fax: [Redacted]

Email: [Redacted]

Comments: [Redacted]

Received/Condition

Good: [Redacted]

Condition Notes: [Redacted]

CSR Notes: [Redacted]

Accessories Received

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

Repair Search Refresh Close

maglev 2/14/2005 10:23 AM CAPS INUM INS SCPL

start 5 2 4 Arms Service

Serial Number: **C6587508**

Model: **M24 SWS**



RE00092912

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587508.___0

FILE DATE AND TIME: 06/27/2005 07:01

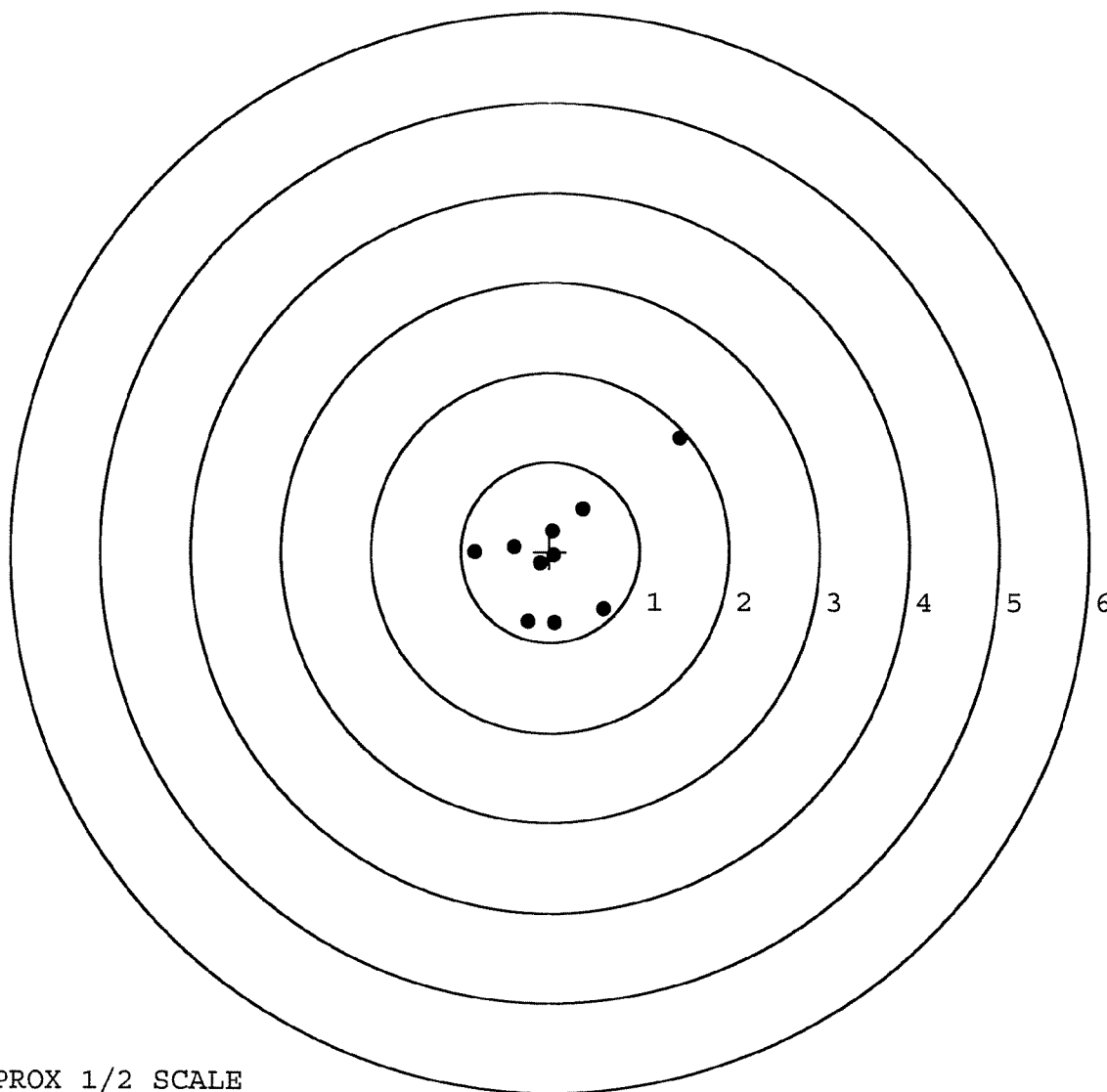
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	0.151
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.881
The Distance from POA to Centroid Target #1:	0.101
The Distance from Centroid Target #2 to Centroid Target #1:	0.287
The Distance from Centroid Target #3 to Centroid Target #1:	0.418
The Distance from Centroid Target #4 to Centroid Target #1:	0.354
The Distance from Centroid Target #5 to Centroid Target #1:	0.233

SERIAL NUMBER: C6587508.___0
TARGET NUMBER: 1
FILE DATE: 06/27/2005
FILE TIME: 07:01

POINT#	X	Y
1:	0.041	-0.046
2:	0.601	-0.636
3:	0.056	-0.789
4:	-0.244	-0.778
5:	0.367	0.476
6:	0.030	0.231
7:	-0.110	-0.130
8:	-0.402	0.057
9:	-0.842	-0.008
10:	1.446	1.271

X CENTROID: 0.094
Y CENTROID: -0.035
POA TO CENTROID: 0.101
HORZ SPREAD: 2.288
VERT SPREAD: 2.060
GROUP SPREAD: 2.656
MIN RADIUS: 0.054
MAX RADIUS: 1.880
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

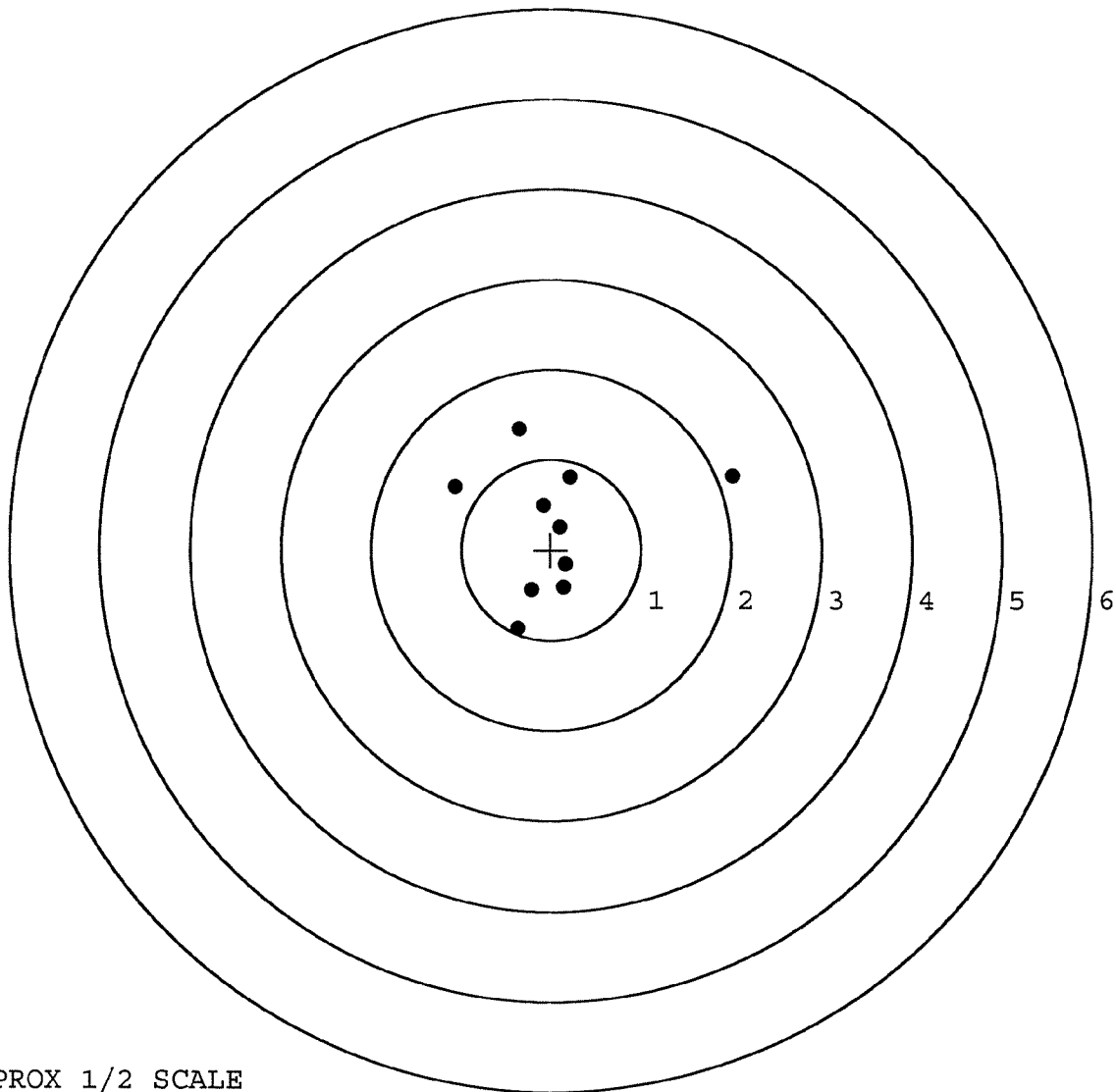


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587508. __0
TARGET NUMBER: 2
FILE DATE: 06/27/2005
FILE TIME: 07:01

X CENTROID: 0.055
Y CENTROID: 0.249
POA TO CENTROID: 0.255
HORZ SPREAD: 3.085
VERT SPREAD: 2.210
GROUP SPREAD: 3.087
MIN RADIUS: 0.051
MAX RADIUS: 2.040
MEAN RADIUS: 0.837
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	2.015	0.814
2:	-0.354	1.338
3:	0.214	0.804
4:	-1.070	0.695
5:	-0.086	0.492
6:	0.106	0.248
7:	0.164	-0.165
8:	0.145	-0.418
9:	-0.214	-0.444
10:	-0.372	-0.872

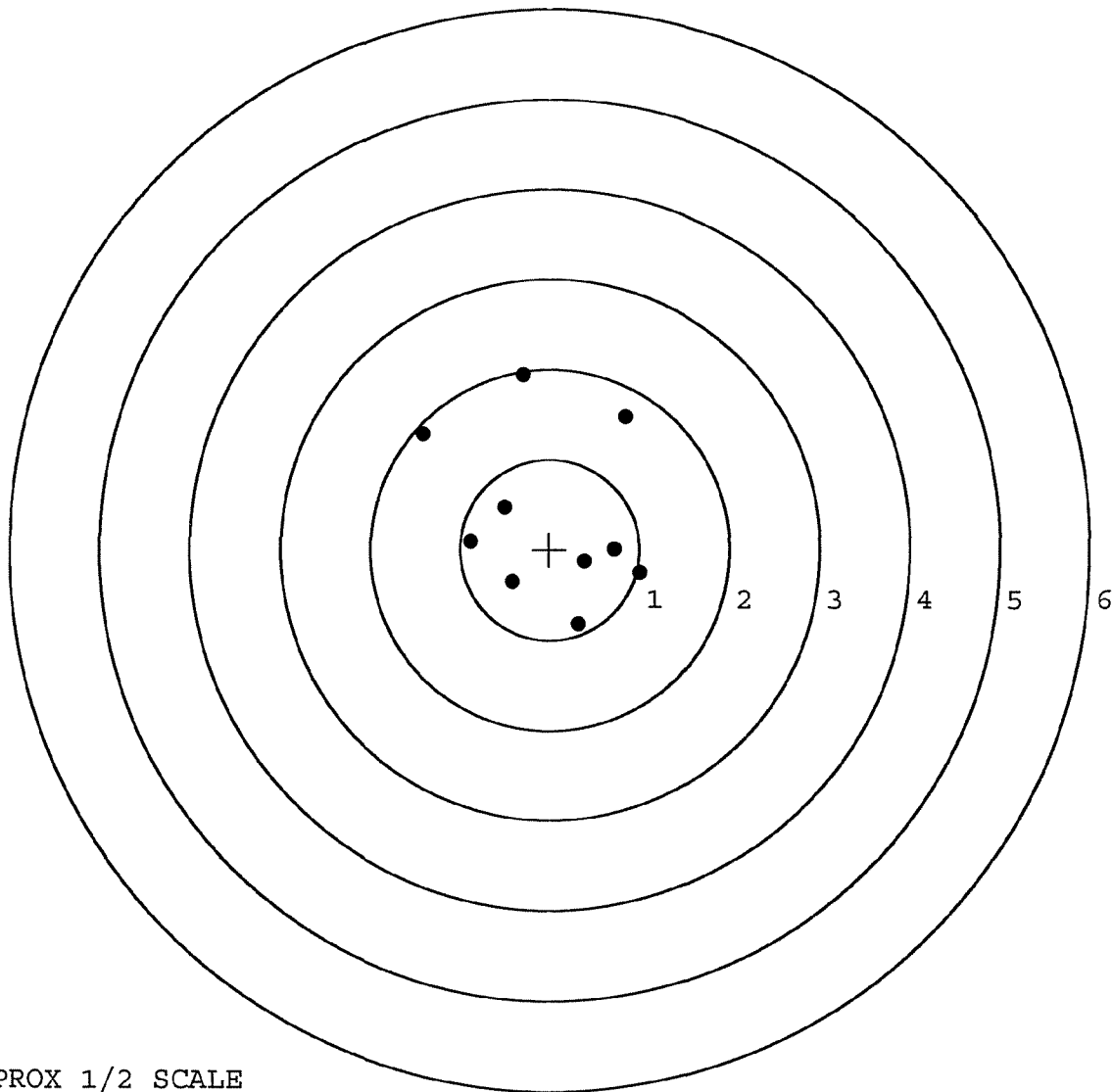


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587508. __0
TARGET NUMBER: 3
FILE DATE: 06/27/2005
FILE TIME: 07:01

X CENTROID: -0.023
Y CENTROID: 0.365
POA TO CENTROID: 0.366
HORZ SPREAD: 2.422
VERT SPREAD: 2.769
GROUP SPREAD: 2.874
MIN RADIUS: 0.498
MAX RADIUS: 1.667
MEAN RADIUS: 1.083
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.005	-0.266
2:	0.725	0.000
3:	0.321	-0.832
4:	0.390	-0.134
5:	-0.414	-0.364
6:	-0.881	0.091
7:	-0.510	0.473
8:	0.846	1.468
9:	-0.299	1.937
10:	-1.417	1.281

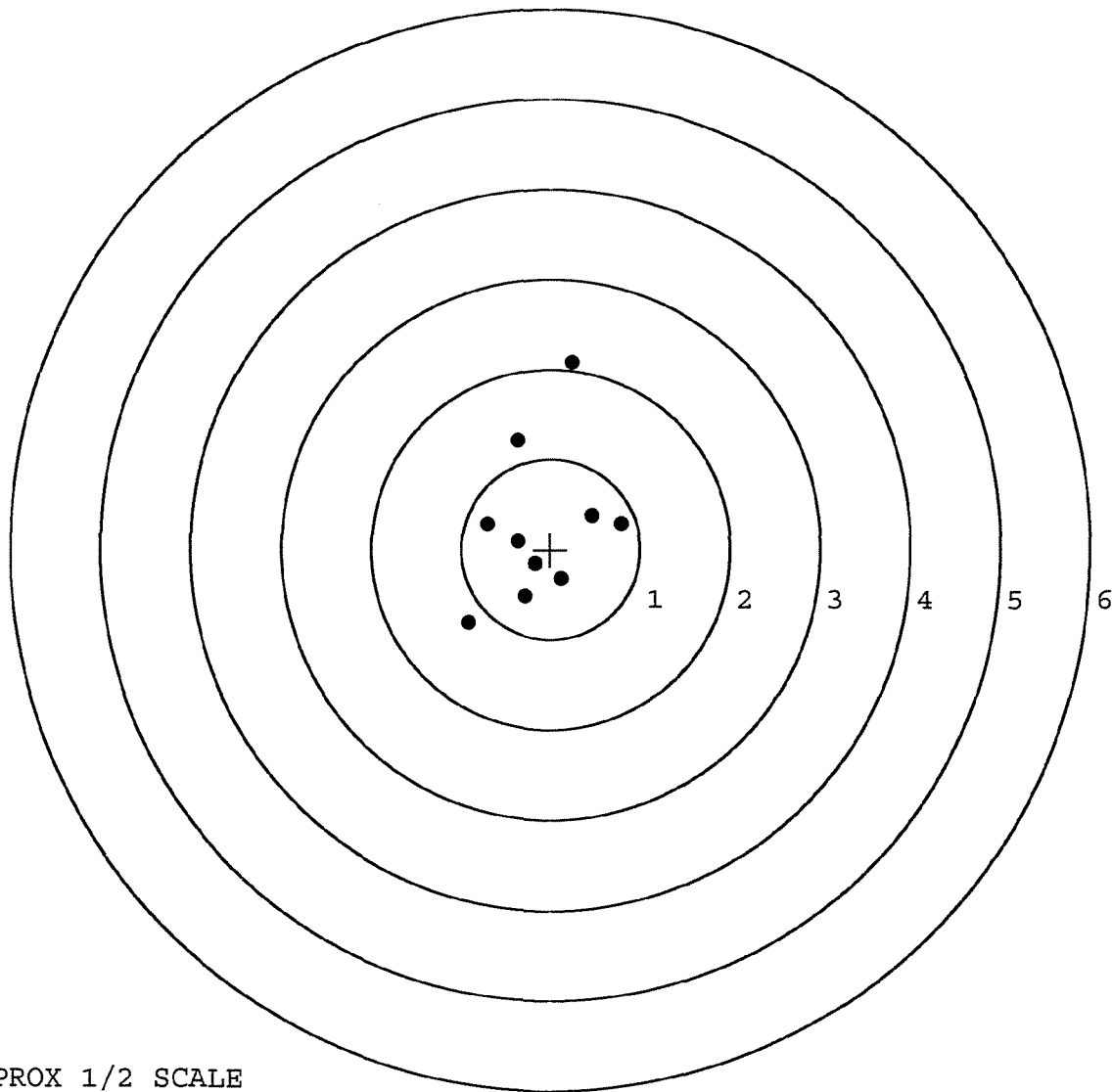


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587508. 0
TARGET NUMBER: 4
FILE DATE: 06/27/2005
FILE TIME: 07:01

X CENTROID: -0.120
Y CENTROID: 0.246
POA TO CENTROID: 0.274
HORZ SPREAD: 1.709
VERT SPREAD: 2.900
GROUP SPREAD: 3.122
MIN RADIUS: 0.288
MAX RADIUS: 1.863
MEAN RADIUS: 0.839
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.791	0.284
2:	0.462	0.377
3:	0.123	-0.328
4:	-0.284	-0.524
5:	-0.173	-0.164
6:	-0.364	0.093
7:	-0.707	0.274
8:	-0.918	-0.825
9:	-0.367	1.201
10:	0.238	2.075

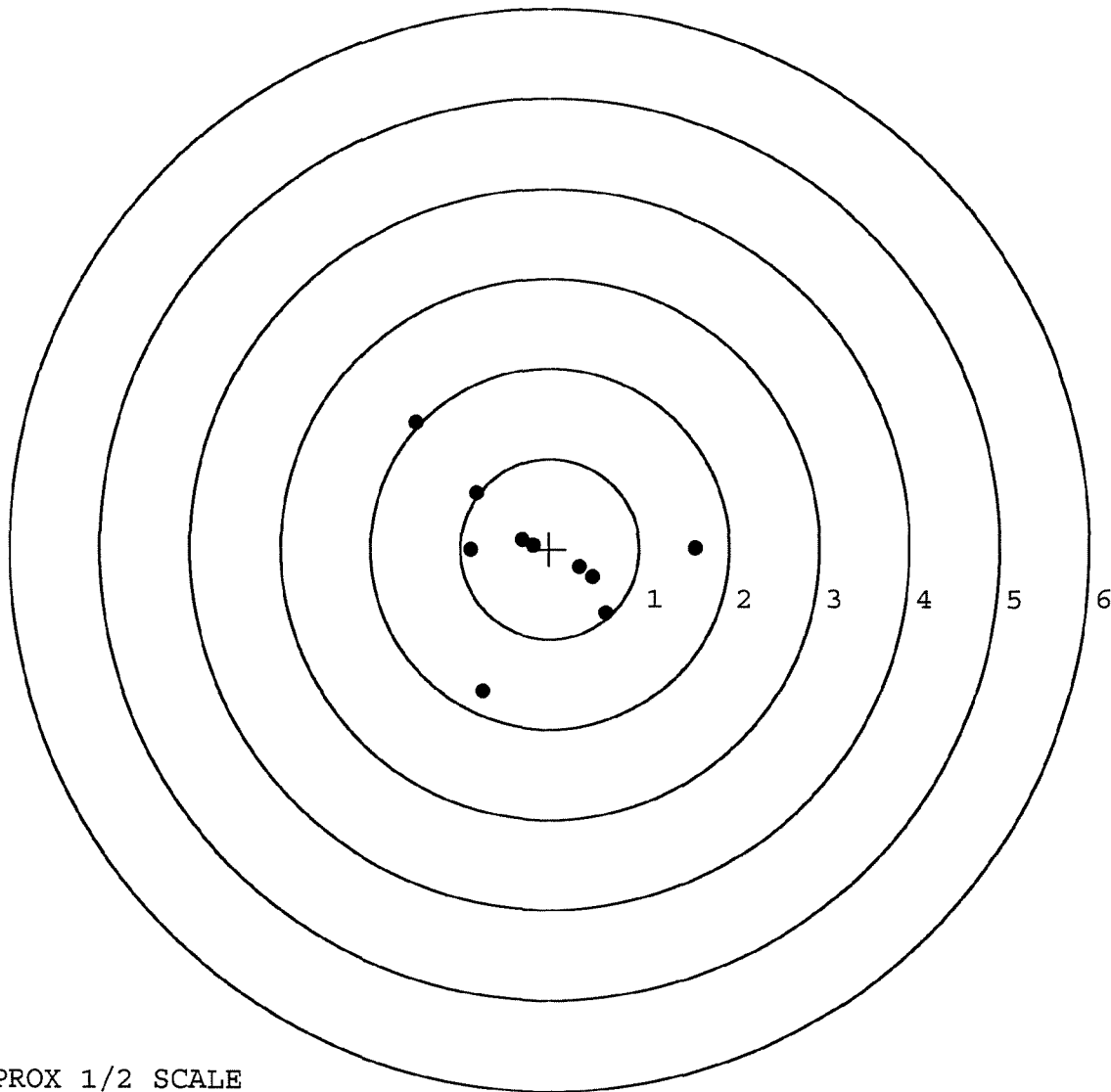


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587508. __0
TARGET NUMBER: 5
FILE DATE: 06/27/2005
FILE TIME: 07:01

X CENTROID: -0.136
Y CENTROID: -0.068
POA TO CENTROID: 0.152
HORZ SPREAD: 3.119
VERT SPREAD: 2.987
GROUP SPREAD: 3.416
MIN RADIUS: 0.119
MAX RADIUS: 1.999
MEAN RADIUS: 0.964
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.626	0.007
2:	0.632	-0.715
3:	0.482	-0.318
4:	0.338	-0.206
5:	-0.306	0.103
6:	-0.881	-0.020
7:	-0.823	0.616
8:	-1.493	1.399
9:	-0.749	-1.588
10:	-0.186	0.040



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92912				
SERIAL NUMBER	C6587508				
LOG-IN DATE	2-10-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	X	X		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
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			8-8-05	Ac
D	SAFETY "OFF" FORCE			8-8-05	Ac
E	FIRING PIN INDENT	8-8-05	Ac		
640	TARGET TEST	6-27-05	TRW		
655	FINAL INSPECT	8-8-05	Ac		
660	PACK	9-6-05	DA		
		SHIP DATE			
OAR INSPECTION DATE					

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-21348

INITIAL CUSTOMER ORDER NO.

JJM

W/LEUOPLD 10X SCOPE, DEPLOYMENT KIT

Scope S/N 90 0696

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

07/15/94

07/18/94

C6587508

700 7.62

NATO

ACCESSORIES

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
ANNISTON

AL
36201-5025

CUST NO: 098397 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

Stock

Trigger Assy

Firing pin Assy

Mag Spring

Mag Follower

Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

5/9/96

5/9/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400021762

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587508

DATE 7-11-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.78	2.82	2.89		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.82	2.78	2.78		
PULL #3	2.86	2.78	2.92		
PULL #4	2.89	2.65	2.90		
PULL #5	2.90	2.80	2.90		
TOTAL	14.25	13.83	14.39		
AVG.	2.85	2.76	2.87		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.00		
PULL #2	3.09	3.03		
PULL #3	2.90	3.11		
PULL #4	3.04	3.05		
PULL #5	3.05	3.10		
TOTAL	15.25	15.29		
AVG.	3.05	3.05		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.10		4.02
PULL #2	4.19	4.04		4.12
PULL #3	4.22	4.07		4.09
PULL #4	4.17	4.16		4.16
PULL #5	4.29	4.11		4.12
TOTAL	21.05	20.48		20.51
AVG.	4.21	4.09		4.10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587508
11 Mar 1900

CENTROIDAL DISTANCES

0 TO 1	.506952
1 TO 2	.756267
1 TO 3	.0941541
1 TO 4	.148762
1 TO 5	.245506

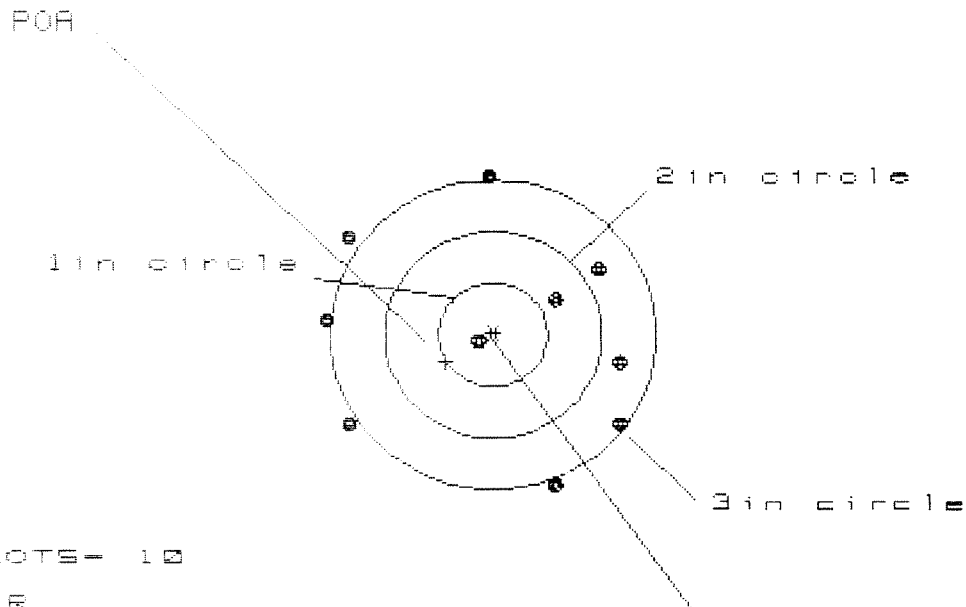
$\begin{matrix} 2 \\ 5 \\ +4 \end{matrix}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2542
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .411346
THE AMR FOR THIS RIFLE IS: 1.046

11 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6587508

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 2.743

VS= 2.960

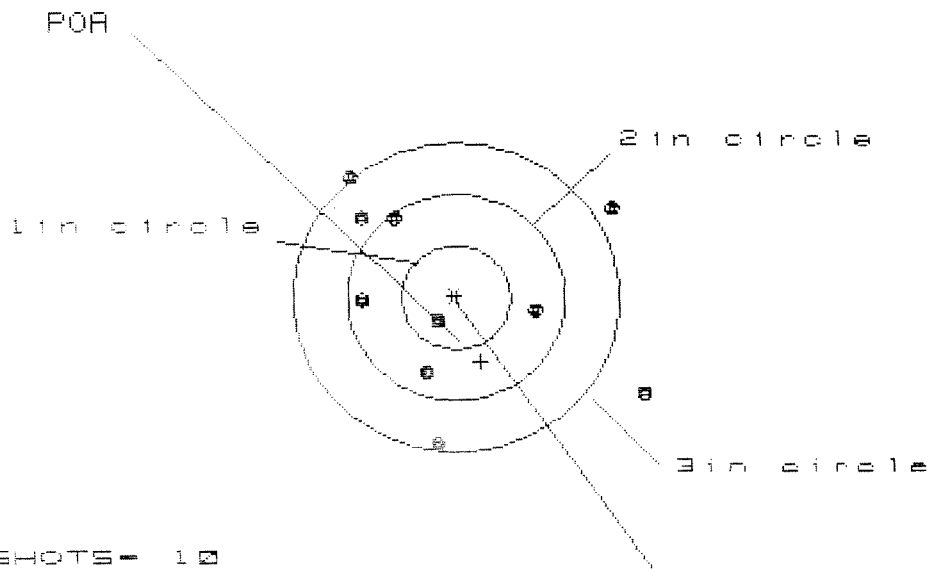
GS= 3.108

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.196	1.045	1.099
MINIMUM X	:	-1.547	-1.698	-1.643
MAXIMUM Y	:	1.502	1.603	1.433
MINIMUM Y	:	-1.458	-1.357	-1.968
CENTROID X	:	.434	.585	.530
CENTROID Y	:	.262	.161	.331
POA TO CENTROID in.	:	.507	.607	.625
MIN RADIUS	:	.159	.319	.270
MEAN RADIUS	:	1.245	1.191	1.144
MAX RADIUS	:	1.640	1.711	1.686
HORIZONTAL SPREAD	:	2.743	2.743	2.743
VERTICAL SPREAD	:	2.960	2.960	2.401
EXTREME SPREAD	:	3.108	3.028	2.891
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587508

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.652

VS= 2.601

GS= 3.357

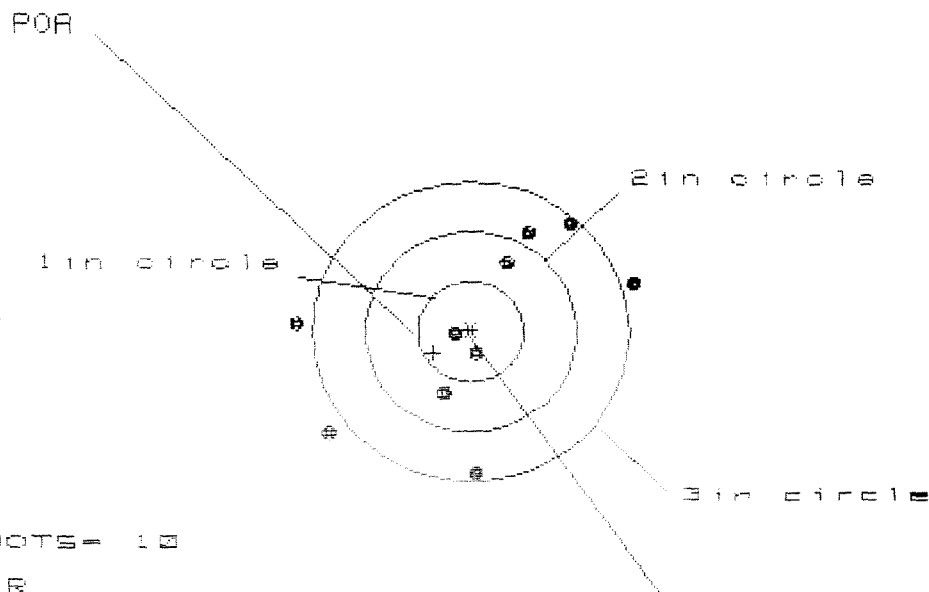
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.688	1.615	1.073
MINIMUM X	-.964	-.776	-.574
MAXIMUM Y	1.155	1.054	1.148
MINIMUM Y	-1.446	-1.547	-1.453
CENTROID X	-.230	-.418	-.620
CENTROID Y	.624	.725	.631
POA TO CENTROID in.	.666	.837	.885
MIN RADIUS	.309	.369	.360
MEAN RADIUS	1.134	1.023	.894
MAX RADIUS	1.915	1.782	1.473
HORIZONTAL SPREAD	2.652	2.391	1.647
VERTICAL SPREAD	2.601	2.601	2.601
EXTREME SPREAD	3.357	2.786	2.727
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

11 Mar 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587508

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.187

VS = 2.451

GS = 3.296

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.578	1.428	.946
MINIMUM X	-1.609	-1.759	-1.581
MAXIMUM Y	1.042	.925	.968
MINIMUM Y	-1.409	-1.526	-1.483
CENTROID X	.353	.503	.325
CENTROID Y	.214	.331	.288
POR TO CENTROID in.	.413	.602	.434
MIN RADIUS	.178	.319	.164
MEAN RADIUS	1.065	.996	.915
MAX RADIUS	1.712	1.759	1.581
HORIZONTAL SPREAD	3.187	3.187	2.526
VERTICAL SPREAD	2.451	2.451	2.451
EXTREME SPREAD	3.296	3.209	2.702
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in - 10

HS- 2.103

VS- 1.901

GS- 2.333

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.929

.799

.889

MINIMUM X

-1.174

-.890

-.800

MAXIMUM Y

1.020

.940

.832

MINIMUM Y

-.881

-.961

-1.069

CENTROID X

.487

.617

.527

CENTROID Y

.123

.203

.311

POA TO CENTROID in.

.502

.649

.612

MIN RADIUS

.436

.365

.298

MEAN RADIUS

.864

.782

.718

MAX RADIUS

1.374

1.128

1.128

HORIZONTAL SPREAD

2.103

1.689

1.689

VERTICAL SPREAD

1.901

1.901

1.901

EXTREME SPREAD

2.333

2.079

1.906

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587508

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.574

VS= 2.031

GS= 2.868

PATTERN #

SHOTS (BEST OF)

MAXIMUM X	: 1.101	.937	1.052
MINIMUM X	: -1.473	-1.088	-.971
MAXIMUM Y	: .931	.923	.704
MINIMUM Y	: -1.099	-1.108	-.992
CENTROID X	: .227	.391	.274
CENTROID Y	: .394	.402	.286
POA TO CENTROID in.	: .454	.561	.396
MIN RADIUS	: .227	.318	.344
MEAN RADIUS	: .921	.863	.800
MAX RADIUS	: 1.475	1.553	1.388
HORIZONTAL SPREAD	: 2.574	2.025	2.023
VERTICAL SPREAD	: 2.031	2.031	1.696
EXTREME SPREAD	: 2.868	2.868	2.391
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587508

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	9	9	9			5/29/96	AC
	G) Safety Off Force	4	4	4			5/29/96	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.022	.022			5/29/96	AC
	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	2.38	2.41	2.43	2.41	2.42	5/30/96	ALB
	C) Function							
660	Pack							

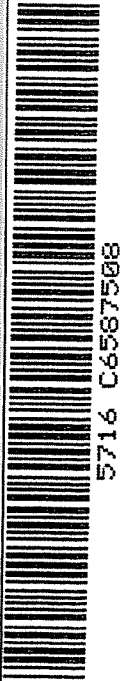
Remington  REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

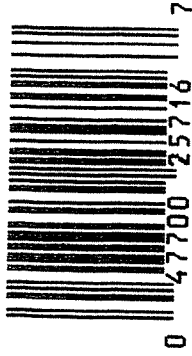
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6587508	ORDER NO. 5716
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UPC



MOD. _____ GA. CAL. 306 GUN # C6587508

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Don't eject	RW
	2nd	Polish Ejector Ream Ejector Hole	11/ 28/ 90 RW
	3rd	100 Eject	R
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587508

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023 90		RW
600	Proof	1023 90		RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	GL
617	Drill and Tap Sight Holes		10/24/90	WB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/19/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/21/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/21/90	WB
	H) Trigger Pull Test & Retainability						11/19/90	WB
	I) Firing Pin Indent	0215	0215	0215			11/21/90	WB
	J) Assemble Stock						11/26/90	RW
	K) Assemble Swivel Studs						11-28-90	JS
	L) Attach Front and Rear Sight Assemblies						11/26/90	RW
	M) Iron Sight Alignment						11/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/26/90	RW
	O) Attach Scope to Rifle						11/26/90	RW
	P) Detach & Attach Scope 20 Times						11/26/90	RW
640	Gallery Target & Test						11-27-90	AC
	A) Time						11-27-90	AC
	B) Malfunctions						11-27-90	AC
	C) Pierced Primers						11-27-90	AC
	D) Optical Clarity of Scope						11-27-90	AC
645	Inspect for Live Ammo						11-22-90	AC
655	Final Inspection							
	A) Headspace						12-10-90	JS
	B) Trigger Pull	247	241	240	237	238	11-28-90	JS
	C) Function						12-10-90	JS
660	Pack						12-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587508

DATE 11/19/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.43	2.37	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.29	2.38	2.41	
PULL #3	2.36	2.38	2.35	2.40	
PULL #4	2.34	2.43	2.42	2.37	
PULL #5	2.32	2.37	2.35	2.38	
TOTAL	11.74	11.90	11.87		
AVG.	2.35	2.38	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.00		
PULL #2	3.06	3.06		
PULL #3	3.14	3.03		
PULL #4	3.13	3.06		
PULL #5	3.07	3.00		
TOTAL	15.54	15.15		
AVG.	3.11	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.08		4.08
PULL #2	4.00	4.03		4.11
PULL #3	4.12	4.06		4.08
PULL #4	4.09	4.03		4.06
PULL #5	4.00	4.00		4.00
TOTAL	20.39	20.20		20.33
AVG.	4.08	4.04		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587508
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.401688
1 TO	2	.555306
1 TO	3	.278002
1 TO	4	.1922
1 TO	5	.239852

←----POA

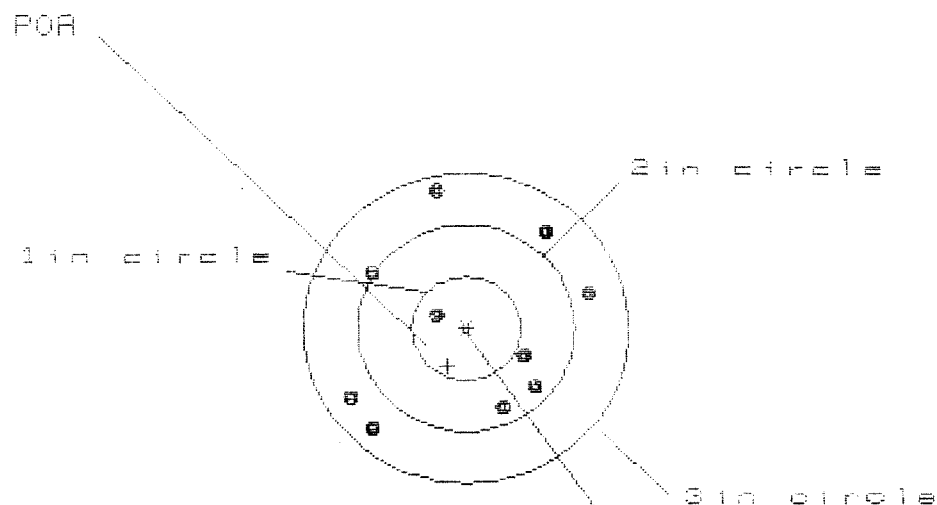
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1214
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .171827
THE AMR FOR THIS RIFLE IS: .9248

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587508

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.173

VS= 2.268

GS= 2.410

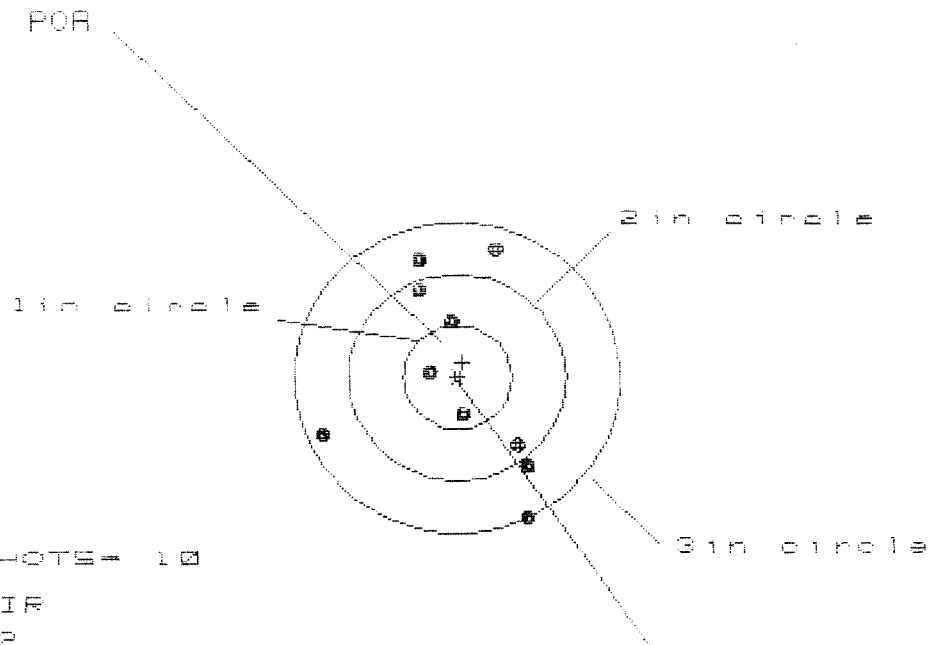
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	1.076	.969
MINIMUM X	-1.064	-1.097	-1.204
MAXIMUM Y	1.298	1.044	.941
MINIMUM Y	-.970	-.826	-.767
CENTROID X	.172	.205	.312
CENTROID Y	.363	.219	.322
POA TO CENTROID in.	.402	.300	.449
MIN RADIUS	.320	.441	.461
MEAN RADIUS	.977	.925	.879
MAX RADIUS	1.332	1.236	1.338
HORIZONTAL SPREAD	2.173	2.173	2.173
VERTICAL SPREAD	2.268	1.870	1.708
EXTREME SPREAD	2.410	2.410	2.378
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 10		

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587508

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 1.845

VS= 2.571

GS= 2.729

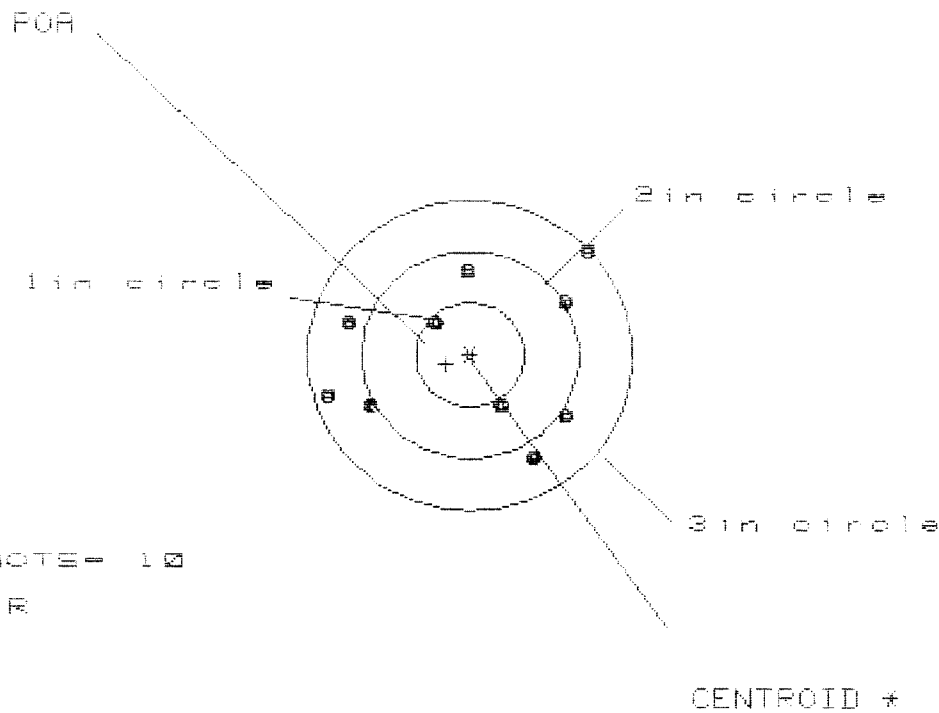
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.643	.712	.571
MINIMUM X	:	-1.202	-1.133	-.417
MAXIMUM Y	:	1.207	1.056	.969
MINIMUM Y	:	-1.364	-.995	-1.082
CENTROID X	:	-.050	-.119	.022
CENTROID Y	:	-.146	.005	.092
POR TO CENTROID in.	:	.154	.119	.095
MIN RADIUS	:	.255	.219	.359
MEAN RADIUS	:	.931	.851	.793
MAX RADIUS	:	1.501	1.328	1.223
HORIZONTAL SPREAD	:	1.845	1.845	.988
VERTICAL SPREAD	:	2.571	2.051	2.051
EXTREME SPREAD	:	2.729	2.352	2.258
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587508

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.407

VS= 2.007

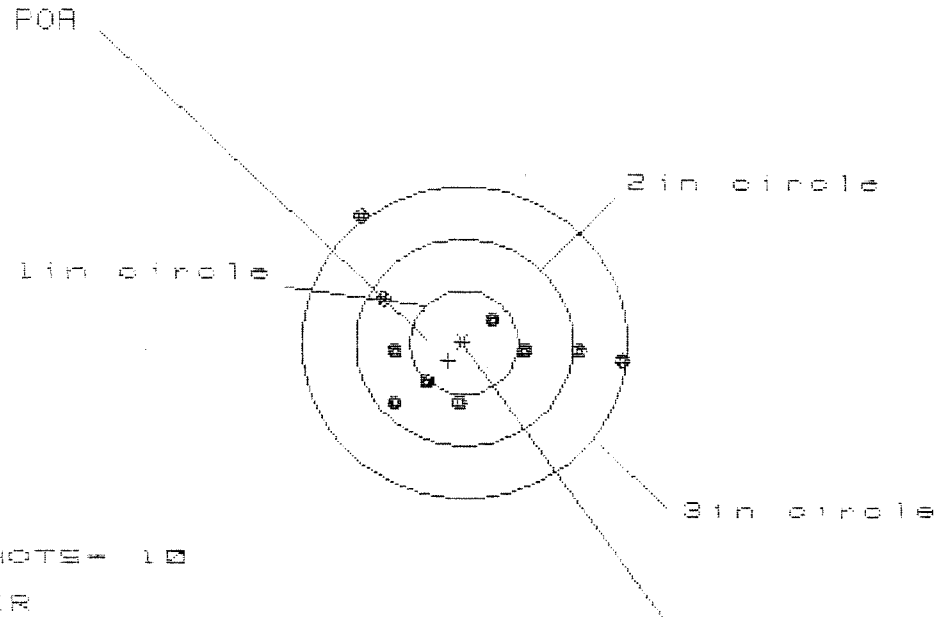
GS= 2.807

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.100	1.006	.858
MINIMUM X	:	-1.307	-1.185	-1.173
MAXIMUM Y	:	1.026	.889	.851
MINIMUM Y	:	-.981	-.867	-.905
CENTROID X	:	.219	.097	.245
CENTROID Y	:	.089	-.025	.013
FOR TO CENTROID in.	:	.237	.100	.245
MIN RADIUS	:	.494	.520	.508
MEAN RADIUS	:	1.010	.947	.901
MAX RADIUS	:	1.504	1.223	1.236
HORIZONTAL SPREAD	:	2.407	2.191	2.031
VERTICAL SPREAD	:	2.007	1.756	1.756
EXTREME SPREAD	:	2.807	2.376	2.205
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

IS = 2.440

VS = 1.837

GS = 2.785

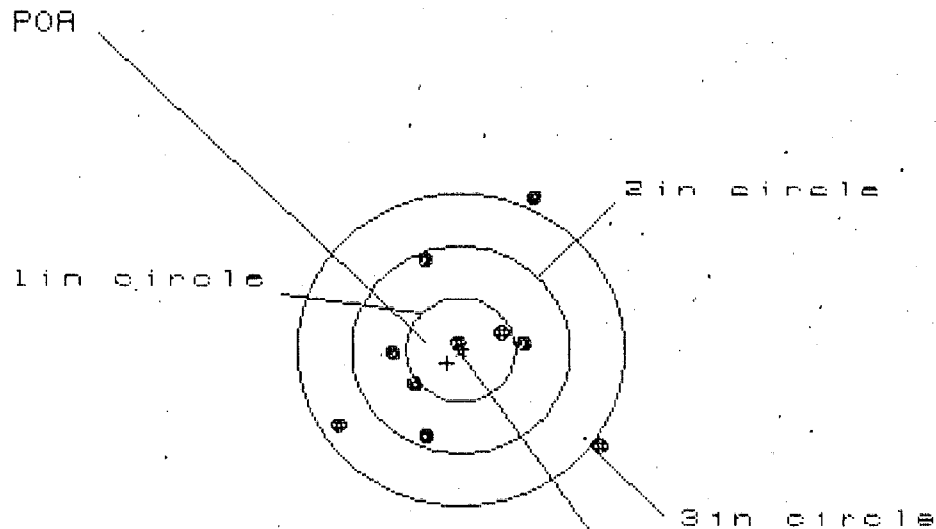
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.483	1.376	1.167
MINIMUM X	-.957	-.860	-.688
MAXIMUM Y	1.216	.539	.540
MINIMUM Y	-.621	-.486	-.485
CENTROID X	.143	.250	.078
CENTROID Y	.173	.038	.037
POA TO CENTROID in.	.225	.253	.086
MIN RADIUS	.299	.344	.361
MEAN RADIUS	.851	.763	.662
MAX RADIUS	1.547	1.376	1.169
HORIZONTAL SPREAD	2.440	2.236	1.855
VERTICAL SPREAD	1.837	1.025	1.025
EXTREME SPREAD	2.785	2.298	1.916
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

27 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587508

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 2.452

VS = 2.394

GS = 2.834

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	.853	.798
MINIMUM X	:	-1.171	-1.029	-.922
MAXIMUM Y	:	1.425	1.317	.973
MINIMUM Y	:	-.969	-.900	-.735
CENTROID X	:	.124	-.018	-.125
CENTROID Y	:	.128	.236	.071
POA TO CENTROID in.	:	.178	.236	.144
MIN RADIUS	:	.124	.108	.277
MEAN RADIUS	:	.855	.760	.649
MAX RADIUS	:	1.606	1.570	1.121
HORIZONTAL SPREAD	:	2.452	1.882	1.720
VERTICAL SPREAD	:	2.394	2.217	1.708
EXTREME SPREAD	:	2.834	2.834	1.893
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	