

06349169

MODEL 760™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00129627

Serial: C6349169 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status:

New 5/22/2007 11:48:37 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DODDAAC W81F64

DODDAAC W81F64

Address 1: CAMP ROBERTS MATES

CAMP ROBERTS MATES

Address 2: EAST GARRISON BLDG 25021

PO Box:

EAST GARRISON BLDG 25021

PO Box:

City: SAN MIGUEL

SAN MIGUEL

State: CA

Zip Code: 93451

Country: US

State: CA

Zip Code: 93451

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/23/2007

7:40 AM

CAPS

NUM

INS

SCRL

start

3 Mi...

Arms ...

Part ...

6 In...

3 Mi...

Stock...

7:40 AM

Serial Number: C6349169

Model: M24 SWS



RE00129627

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349169.___0

FILE DATE AND TIME: 07/09/2007 14:45

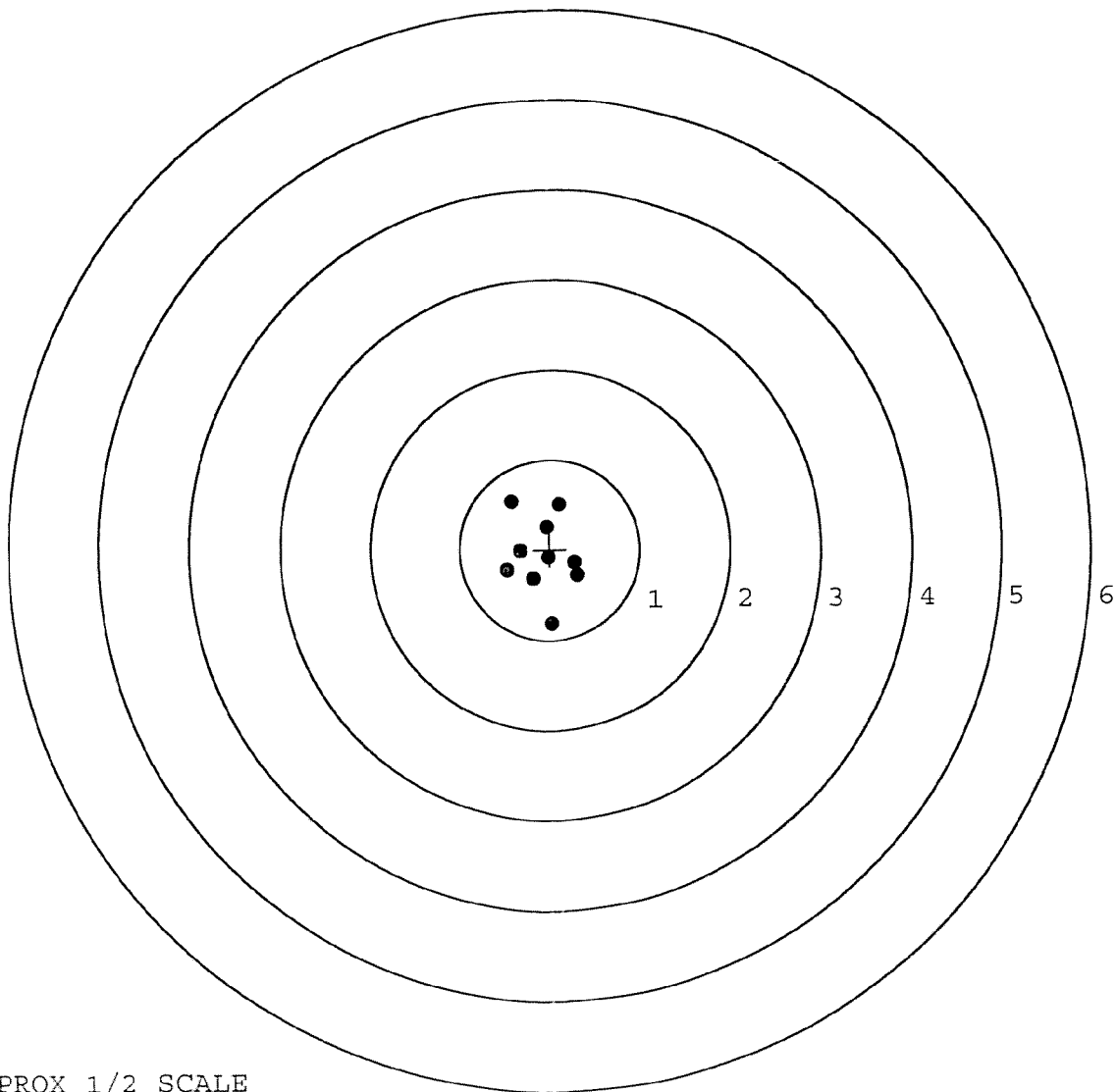
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.481
The Distance from POA to Centroid Target #1:	0.100
The Distance from Centroid Target #2 to Centroid Target #1:	0.015
The Distance from Centroid Target #3 to Centroid Target #1:	0.112
The Distance from Centroid Target #4 to Centroid Target #1:	0.095
The Distance from Centroid Target #5 to Centroid Target #1:	0.140

SERIAL NUMBER: C6349169. __0
TARGET NUMBER: 1
FILE DATE: 07/09/2007
FILE TIME: 14:45

POINT#	X	Y
1:	0.022	-0.821
2:	0.313	-0.291
3:	0.275	-0.150
4:	0.111	0.502
5:	-0.040	0.247
6:	-0.425	0.534
7:	-0.190	-0.326
8:	-0.478	-0.228
9:	-0.333	-0.016
10:	-0.019	-0.092

X CENTROID: -0.076
Y CENTROID: -0.064
POA TO CENTROID: 0.100
HORZ SPREAD: 0.791
VERT SPREAD: 1.355
GROUP SPREAD: 1.427
MIN RADIUS: 0.064
MAX RADIUS: 0.763
MEAN RADIUS: 0.422
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

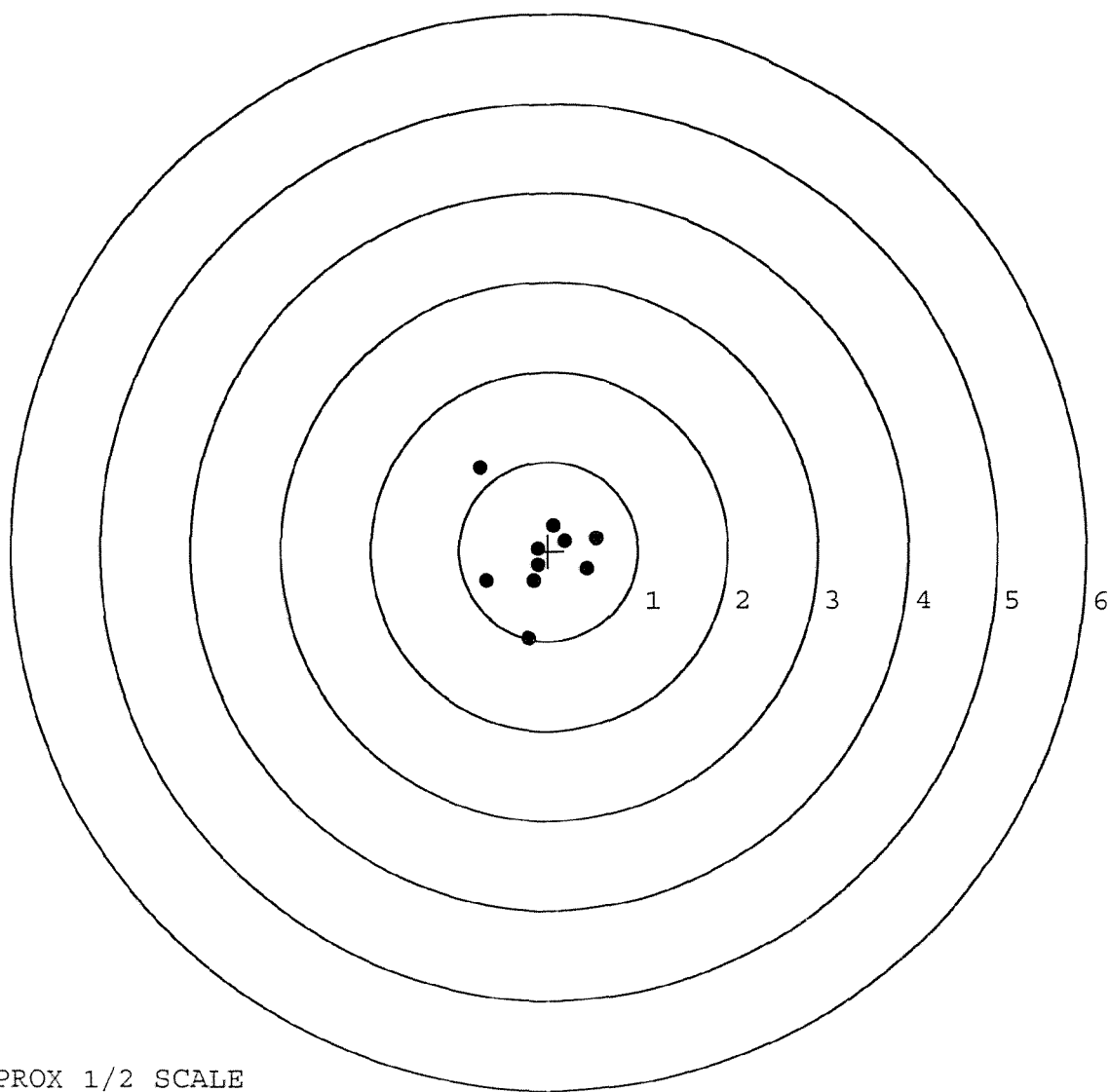


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349169. __0
TARGET NUMBER: 2
FILE DATE: 07/09/2007
FILE TIME: 14:45

POINT#	X	Y
1:	0.527	0.136
2:	0.439	-0.207
3:	-0.223	-0.980
4:	-0.700	-0.344
5:	-0.165	-0.335
6:	-0.763	0.929
7:	-0.114	-0.160
8:	-0.114	0.027
9:	0.189	0.113
10:	0.054	0.284

X CENTROID: -0.087
Y CENTROID: -0.054
POA TO CENTROID: 0.102
HORZ SPREAD: 1.290
VERT SPREAD: 1.909
GROUP SPREAD: 1.984
MIN RADIUS: 0.085
MAX RADIUS: 1.193
MEAN RADIUS: 0.517
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

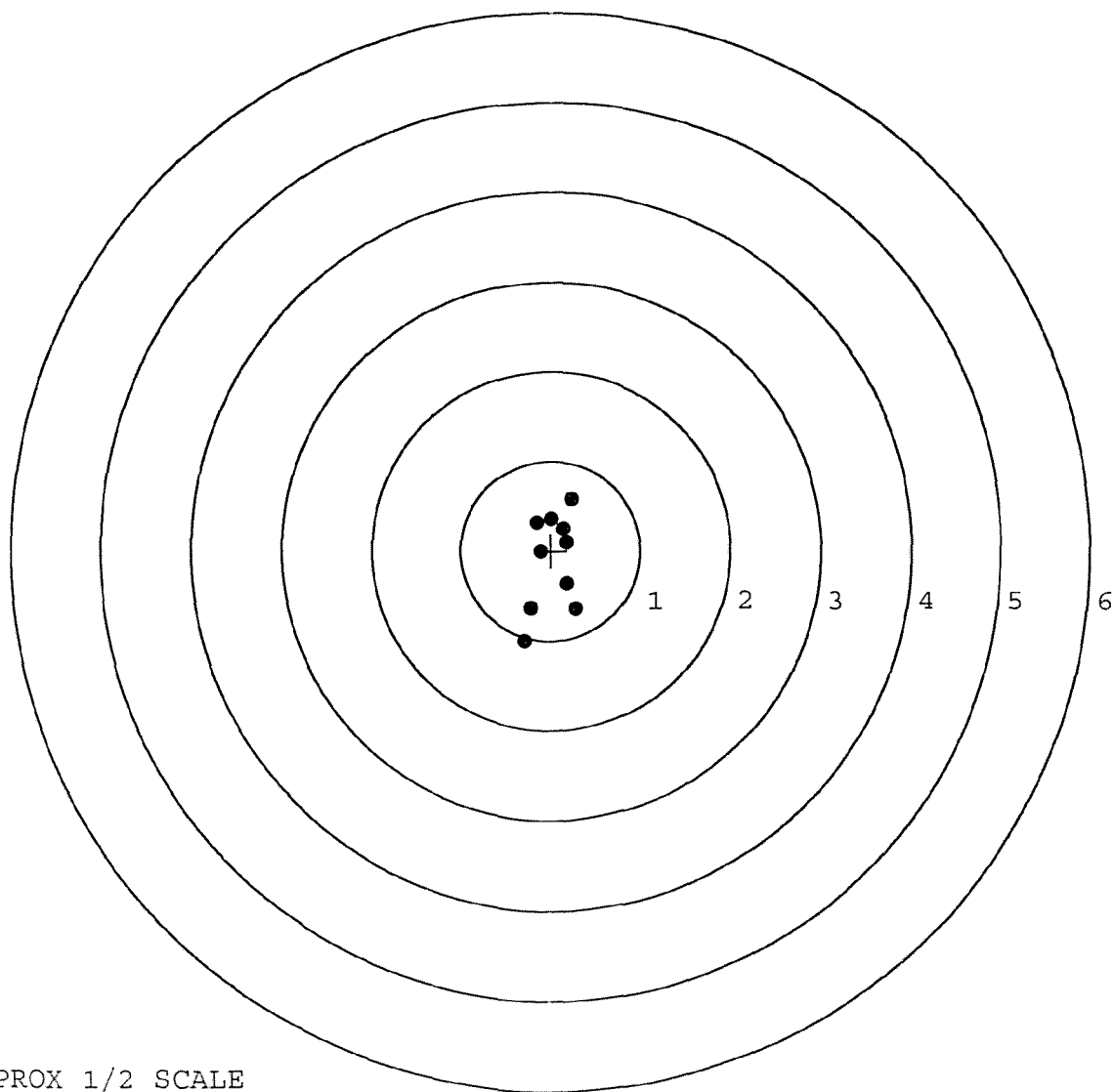


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349169. __0
TARGET NUMBER: 3
FILE DATE: 07/09/2007
FILE TIME: 14:45

POINT#	X	Y
1:	-0.290	-1.012
2:	-0.219	-0.643
3:	0.292	-0.652
4:	0.185	-0.370
5:	-0.117	-0.013
6:	-0.155	0.319
7:	0.178	0.087
8:	0.141	0.242
9:	0.007	0.354
10:	0.235	0.575

X CENTROID: 0.026
Y CENTROID: -0.111
POA TO CENTROID: 0.114
HORZ SPREAD: 0.582
VERT SPREAD: 1.587
GROUP SPREAD: 1.672
MIN RADIUS: 0.173
MAX RADIUS: 0.954
MEAN RADIUS: 0.489
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

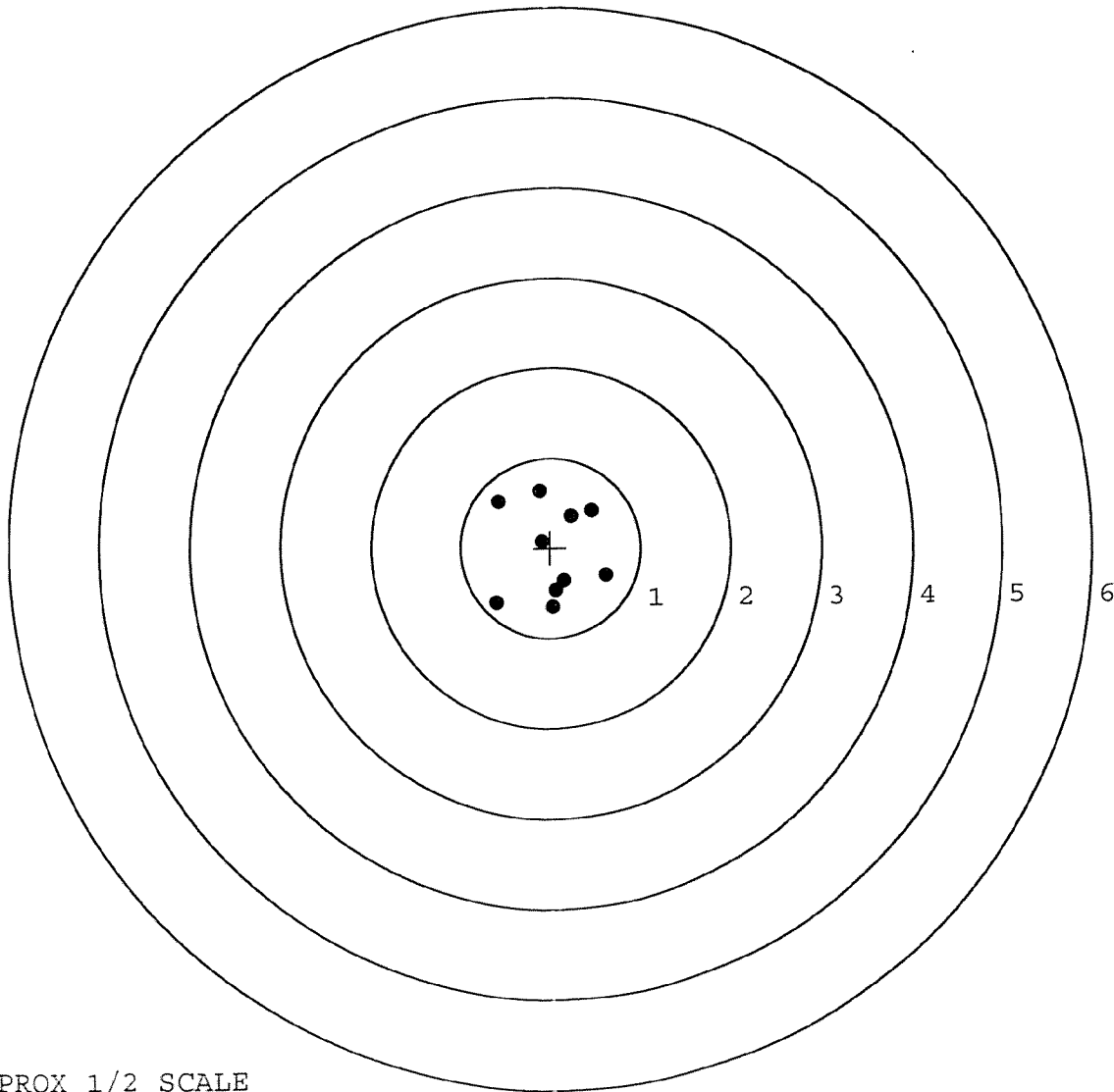


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349169. __0
TARGET NUMBER: 4
FILE DATE: 07/09/2007
FILE TIME: 14:45

POINT#	X	Y
1:	0.615	-0.307
2:	0.157	-0.367
3:	0.061	-0.476
4:	0.028	-0.666
5:	-0.601	-0.613
6:	-0.097	0.071
7:	0.238	0.350
8:	0.460	0.413
9:	-0.114	0.634
10:	-0.578	0.517

X CENTROID: 0.017
Y CENTROID: -0.044
POA TO CENTROID: 0.048
HORZ SPREAD: 1.216
VERT SPREAD: 1.300
GROUP SPREAD: 1.476
MIN RADIUS: 0.162
MAX RADIUS: 0.840
MEAN RADIUS: 0.566
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

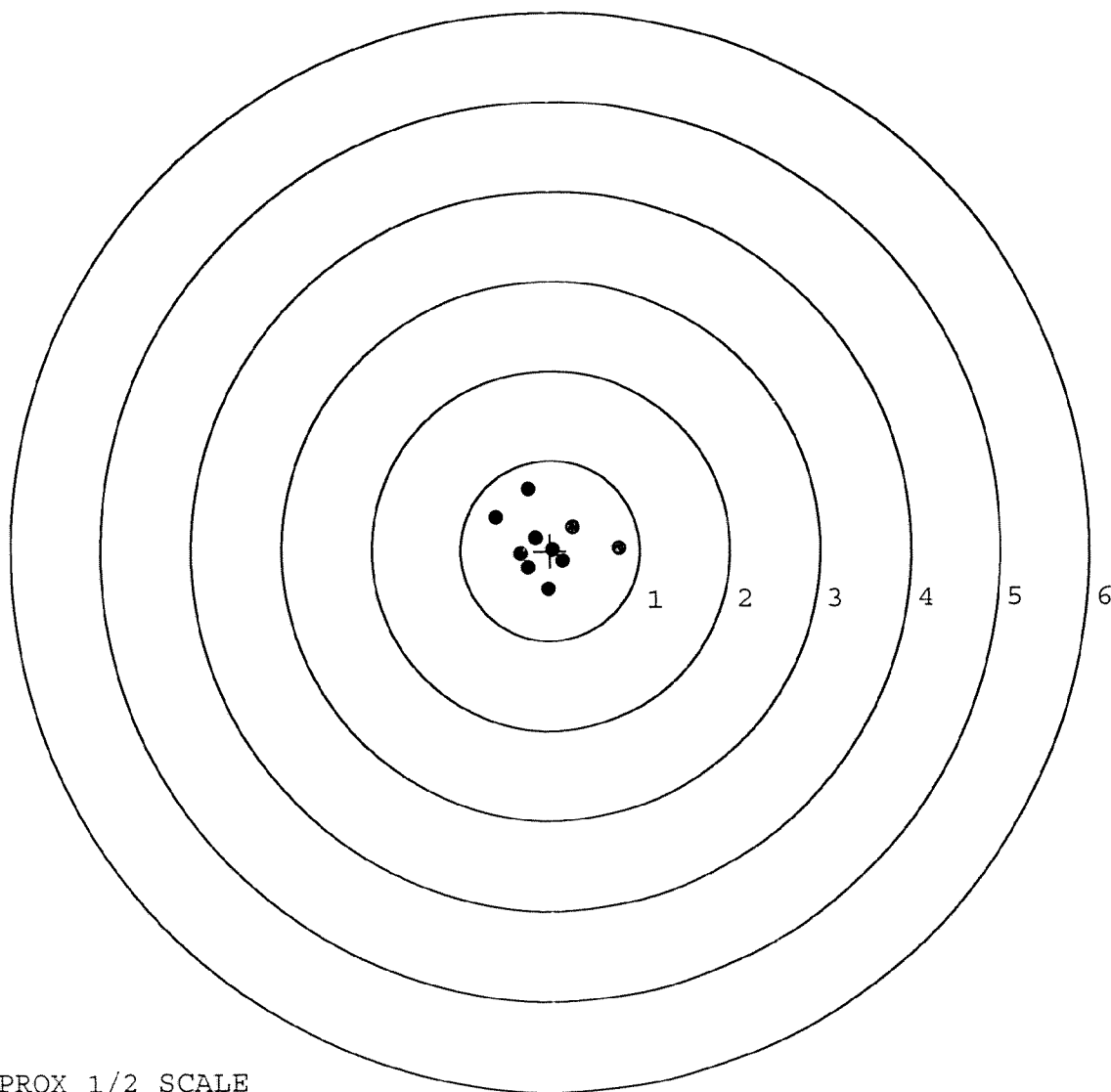


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349169. __0
TARGET NUMBER: 5
FILE DATE: 07/09/2007
FILE TIME: 14:45

X CENTROID: -0.040
Y CENTROID: 0.071
POA TO CENTROID: 0.081
HORZ SPREAD: 1.376
VERT SPREAD: 1.114
GROUP SPREAD: 1.419
MIN RADIUS: 0.091
MAX RADIUS: 0.813
MEAN RADIUS: 0.409
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.771	0.023
2:	-0.241	0.681
3:	-0.605	0.368
4:	-0.021	-0.433
5:	0.144	-0.116
6:	0.258	0.256
7:	-0.161	0.141
8:	-0.332	-0.036
9:	-0.247	-0.192
10:	0.032	0.015



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER		129627		
SERIAL NUMBER		C6349169		
LOG-IN DATE		5-22-07		
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-19-07	RTZ
505	RE-BARREL		6-22-07	RTZ
560	ASSEMBLE		6-22-07	RTZ
600	PROOF	MAGNETIC FLOX	6-22-07	TRW
605	CHECK HEADSPACE		6-22-07	TRW
610	DIS-ASSEMBLE GUN		6-22-07	RTZ
612	MAGNAFLUX	OPERATOR <i>WMB</i>	6-25-07	WMB
510	DRILL AND TAP		6-22-07	SD
615	ROLLMARK CALIBER		6-26-07	CW
618	ROTO-BLAST		6-26-07	LB
620	APPLY COATINGS		6-28-07	CM
625	FINAL ASSEMBLY		7-6-07	W.P.D.
640	FUNCTION TEST AND	(PASS) FAIL	7-9-07	TRW
650	TARGET	(PASS) FAIL	7-9-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-9-07	W.R.
	A) HEADSPACE	PASS FAIL	7-10-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.81 2.78 2.80 2.84 2.79 7-10-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.2 4.5 4.5 7-10-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	3.2 3.2 3.2 7-10-07	DA
	I) FIRING PIN INDENT	.020	1.025 1.025 1.024 7-10-07	DA
690	PACK		7-10-07	DA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-10951

INITIAL FJB	CUSTOMER ORDER NO.	W/10X SCOPE SNIPER W/DEPLOYMENT KIT ATTN: FRED MARTIN <i>Scope S/N 90 1078</i>			
DATE RECEIVED 03/30/95	DATE OPENED 03/31/95	DATE CODE RJ 11-89	SERIAL NUMBER C6349169	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES	SLING STRAP	SCOPE MNTS	SCOPE BASE	HARD CASE	SOFT CASE

FROM: *B- ped* 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

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED 7-10-96	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	
✓ NEW STOCK	
✓ TRIGGER ASSY	
✓ FIRING PIN ASSY	
✓ FRONT CENS COVER	
✓ FOLLOWER SPRING	
✓ AND MAG BOX	
✓ Front & Rear Sight Assy	
✓ Component Carrying Case Assy	96069
✓ Scope Case	96081

REPAIRMAN REP	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER RW	DATE	DATE	DATE	DATE	DATE
			7/20/96	7/20/96	
			8/8/96	8/8/96	

OFFICE COPY

RD 925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400109360

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6.5			7-10	REP
	G) Safety Off Force	4	4	5			7-10	REP
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.0215	.0225			7-10	REP
	J) Assemble Stock						7-10	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						7-10	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	2.31	2.37	2.37	2.41	2.39	8/23/96	RW
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C634 9169

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		7-10	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7-10	REP
	C) Inspect Ejector Hole for Chamfer		7-10	REP
	D) Oil Firing Pin Ass'y		7-10	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349169
DATE 7-10-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.30	2.28	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.30	2.71	
PULL #3	2.24	2.36	2.71	
PULL #4	2.27	2.33	2.59	
PULL #5	2.33	2.39	2.65	
TOTAL	11.54	11.66	13.24	
AVG.	2.30	2.33	2.64	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.09		
PULL #2	3.28	3.25		
PULL #3	3.12	3.15		
PULL #4	3.28	3.29		
PULL #5	3.14	3.09		
TOTAL	15.95	15.87		
AVG.	3.19	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.22		4.05
PULL #2	4.01	4.08		4.21
PULL #3	4.00	4.01		4.28
PULL #4	4.04	4.06		4.18
PULL #5	4.00	4.06		4.18
TOTAL	20.23	20.43		20.90
AVG.	4.04	4.08		4.18

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349169
1 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.0754718
1 TO	2	.864001
1 TO	3	.113
1 TO	4	.0873212
1 TO	5	.619923

4.52 - POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .126
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .134
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2925
THE AMR FOR THIS RIFLE IS: 1.381

1 Jan 1900

FILE://PATTERNING/CENTERFIRE_PATT/CG349169

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 5

HS= 5.643

VS= 4.004

GS= 6.446

CENTROID *

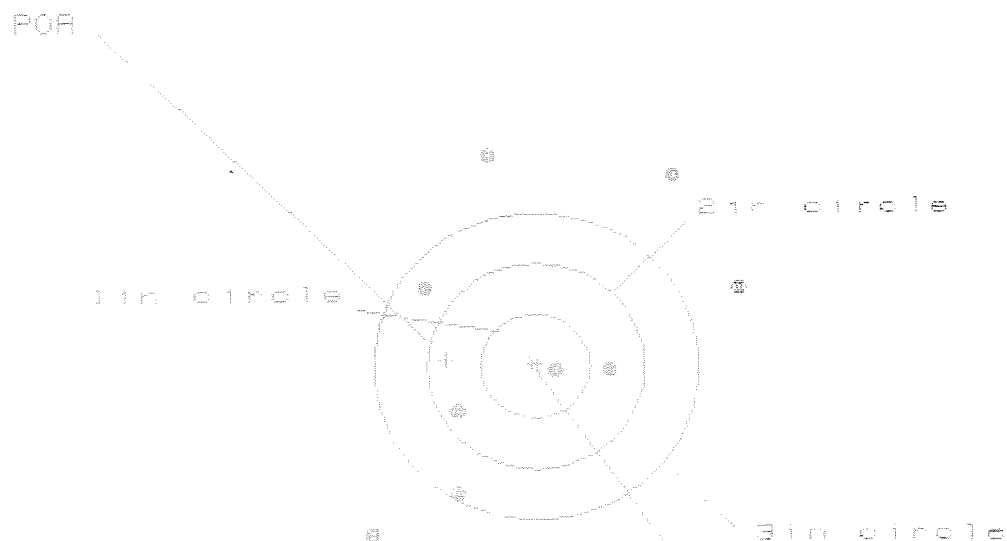
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	3.200	1.302	1.541
MINIMUM X	-2.443	2.087	-1.669
MAXIMUM Y	1.769	1.867	1.600
MINIMUM Y	-2.235	-2.137	-2.307
CENTROID X	-.040	-.396	-.135
CENTROID Y	-.064	-.162	.105
POA TO CENTROID in.	.076	.428	.171
MIN RADIUS	.720	.626	.879
MEAN RADIUS	1.840	1.656	1.469
MAX RADIUS	3.319	2.987	2.313
HORIZONTAL SPREAD	5.643	3.329	3.210
VERTICAL SPREAD	4.004	3.004	3.907
EXTREME SPREAD	6.446	3.742	4.144
NUMBER IN ONE INCH CIRCLE	=	0	0
NUMBER IN TWO INCH CIRCLE	=	3	3
NUMBER IN THREE INCH CIRCLE	=	5	5

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06849169

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 5

HS= 3.399

VS= 4.068

GS= 4.485

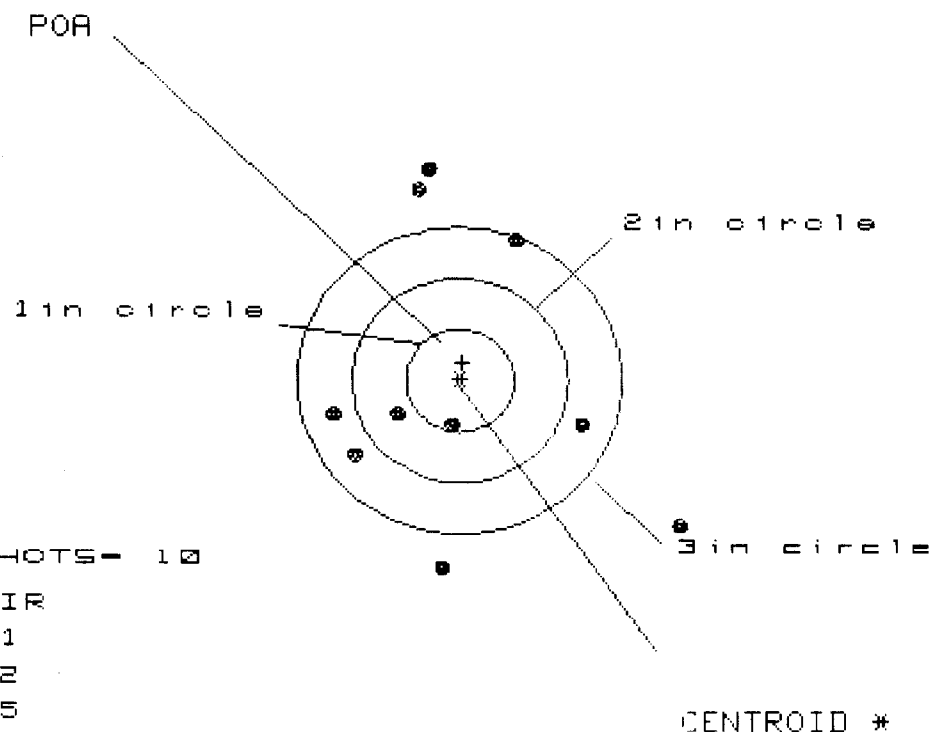
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.841	1.979	1.802
MINIMUM X	:	-1.558	-1.420	-1.106
MAXIMUM Y	:	2.064	2.274	2.099
MINIMUM Y	:	-2.004	-1.794	-1.969
CENTROID X	:	.824	.686	.863
CENTROID Y	:	-.065	-.275	-.100
POA TO CENTROID in.	:	.827	.739	.869
MIN RADIUS	:	.151	.297	.100
MEAN RADIUS	:	1.504	1.403	1.309
MAX RADIUS	:	2.264	2.289	2.144
HORIZONTAL SPREAD	:	3.399	3.399	2.908
VERTICAL SPREAD	:	4.068	4.068	4.068
EXTREME SPREAD	:	4.485	4.178	4.178
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6349169

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 2

3in = 5

HS= 3.162

VS= 3.907

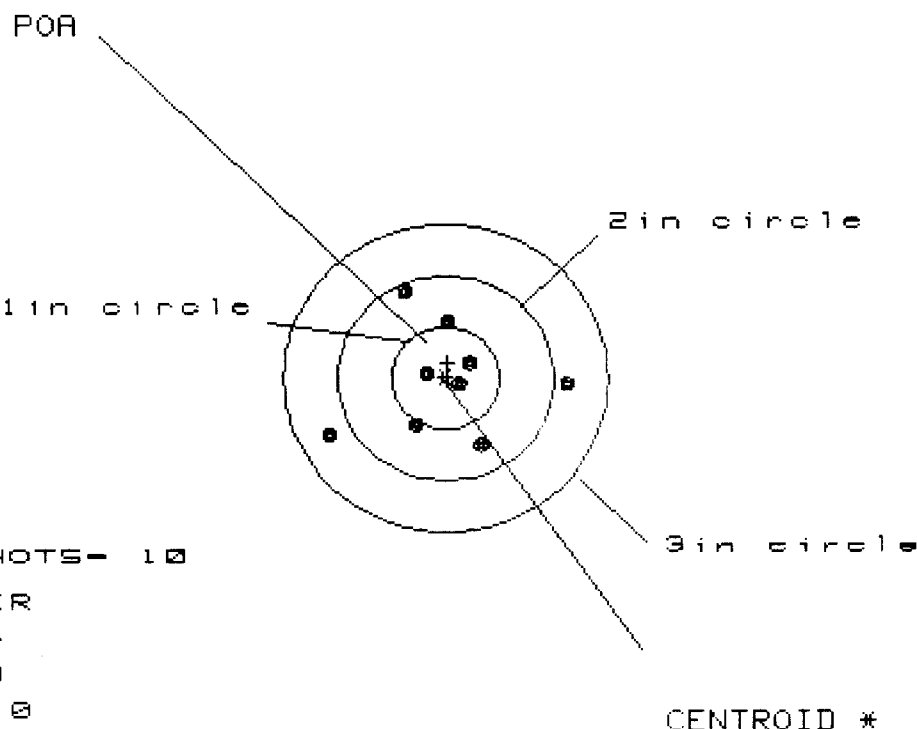
GS= 4.218

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.986	1.308	1.337
MINIMUM X	:	-1.176	-.955	-.956
MAXIMUM Y	:	2.120	1.956	1.948
MINIMUM Y	:	-1.787	-1.951	-1.706
CENTROID X	:	-.025	-.246	-.245
CENTROID Y	:	-.176	-.012	-.257
POA TO CENTROID in.	:	.177	.246	.355
MIN RADIUS	:	.396	.555	.319
MEAN RADIUS	:	1.452	1.326	1.182
MAX RADIUS	:	2.471	1.956	1.954
HORIZONTAL SPREAD	:	3.162	2.293	2.293
VERTICAL SPREAD	:	3.907	3.907	3.654
EXTREME SPREAD	:	4.218	3.907	3.660
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6349169

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 2.270

VS= 1.432

GS= 2.338

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.146	1.021	.291
MINIMUM X	:	-1.124	-.481	-.353
MAXIMUM Y	:	.829	.765	.756
MINIMUM Y	:	-.603	-.667	-.676
CENTROID X	:	-.020	.105	-.023
CENTROID Y	:	-.149	-.085	-.076
POA TO CENTROID in.	:	.150	.135	.079
MIN RADIUS	:	.141	.098	.176
MEAN RADIUS	:	.592	.494	.434
MAX RADIUS	:	1.260	1.024	.835
HORIZONTAL SPREAD	:	2.270	1.502	.644
VERTICAL SPREAD	:	1.432	1.432	1.432
EXTREME SPREAD	:	2.338	1.721	1.570
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349169

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

ME = 3.343

VS = 4.060

GS = 4.471

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

2.138

1.295

1.047

MINIMUM X

-1.185

-0.945

-0.783

MAXIMUM Y

1.976

1.767

1.232

MINIMUM Y

-2.084

-2.233

-2.073

CENTROID X

.561

.721

.159

CENTROID Y

-.216

-.037

-.227

POA TO CENTROID in.

.601

.921

.278

MIN RADIUS

.704

.647

.576

MEAN RADIUS

1.518

1.293

1.165

MAX RADIUS

2.866

2.458

2.322

HORIZONTAL SPREAD

3.349

2.240

1.830

VERTICAL SPREAD

4.060

4.060

3.905

EXTREME SPREAD

4.471

4.081

3.710

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

6

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349169

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		NOV-8-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		NOV-9-89	A
	C) Inspect Ejector Hole for Chamfer		NOV-8-89	A
	D) Oil Firing Pin Ass'y		NOV-8-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		15/NOV89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			15 NOV 89	JS
	G) Safety Off Force	3	3	3			15 NOV 89	JS
	H) Trigger Pull Test & Retainability						15 NOV 89	JS
	I) Firing Pin Indent	.021	.021	.021			15 NOV 89	JS
	J) Assemble Stock						NOV-15-89	AC
	K) Assemble Swivel Studs						27 NOV 89	JS
	L) Attach Front and Rear Sight Assemblies						NOV 15-89	AC
	M) Iron Sight Alignment						NOV 15-89	AC
	N) Detach Front & Rear Sights & place in numbered container						11/15/89	AC
	O) Attach Scope to Rifle						11/15/89	JS
	P) Detach & Attach Scope 20 Times						11/15/89	JS
640	Gallery Target & Test						11-17-89	DH
	A) Time						11-17-89	DH
	B) Malfunctions						11-17-89	DH
	C) Pierced Primers						11-17-89	DH
	D) Optical Clarity of Scope						11-17-89	DH
645	Inspect for Live Ammo						11-17-89	DH
655	Final Inspection						27 NOV 89	JS
	A) Headspace						27 NOV 89	JS
	B) Trigger Pull	213	237	238	236	237	27 NOV 89	JS
	C) Function						27 NOV 89	JS
660	Pack						15 NOV 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349169

DATE 3-12-90

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.39	2.49		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.48	2.46		
PULL #3	2.40	2.37	2.45		
PULL #4	2.33	2.47	2.44		
PULL #5	2.37	2.51	2.53		
TOTAL	11.77	12.22	12.37		
AVG.	2.354	2.444	2.474		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.35		
PULL #2	3.38	3.45		
PULL #3	3.38	3.44		
PULL #4	3.46	3.43		
PULL #5	3.40	3.47		
TOTAL	17.02	17.14		
AVG.	3.404	3.428		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.59	4.48		4.31
PULL #2	4.46	4.39		4.32
PULL #3	4.37	4.58		4.33
PULL #4	4.42	4.40		4.32
PULL #5	4.44	4.33		4.36
TOTAL	22.28	22.19		21.64
AVG.	4.456	4.438		4.328

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349169
17 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.499545
1 TO	2	.753558
1 TO	3	1.134
1 TO	4	.673482
1 TO	5	.293825

+ 3 <----POA
4
5 2

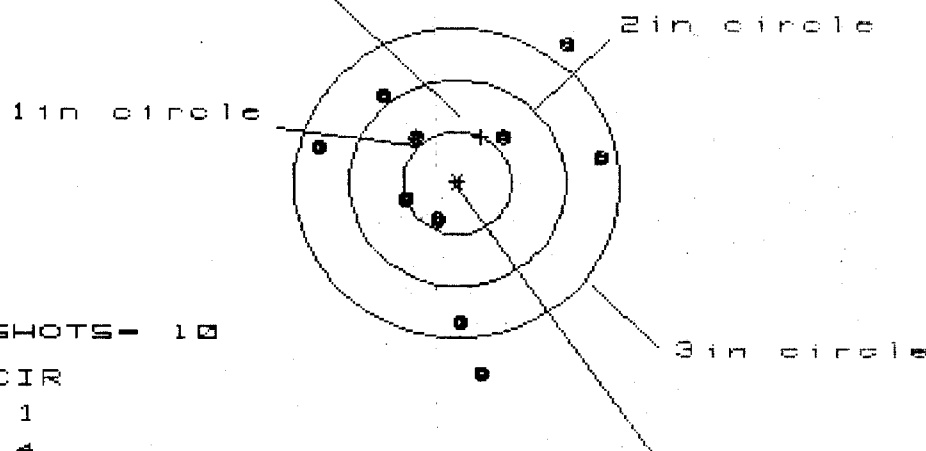
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2992
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3686
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .474749
THE AMR FOR THIS RIFLE IS: 1.084

17 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349169

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.545

VS= 3.200

GS= 3.306

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.271	1.291	1.419
MINIMUM X	-1.274	-1.254	-1.126
MAXIMUM Y	1.339	1.132	.822
MINIMUM Y	-1.861	-1.602	-1.461
CENTROID X	-.221	-.241	-.369
CENTROID Y	-.448	-.241	-.382
POA TO CENTROID in.	.499	.341	.531
MIN RADIUS	.340	.399	.369
MEAN RADIUS	1.070	.961	.967
MAX RADIUS	1.870	1.605	1.476
HORIZONTAL SPREAD	2.545	2.545	2.545
VERTICAL SPREAD	3.200	2.734	2.283
EXTREME SPREAD	3.306	2.891	2.549
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

17 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349169

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.817

VS= 2.108

GS= 3.065

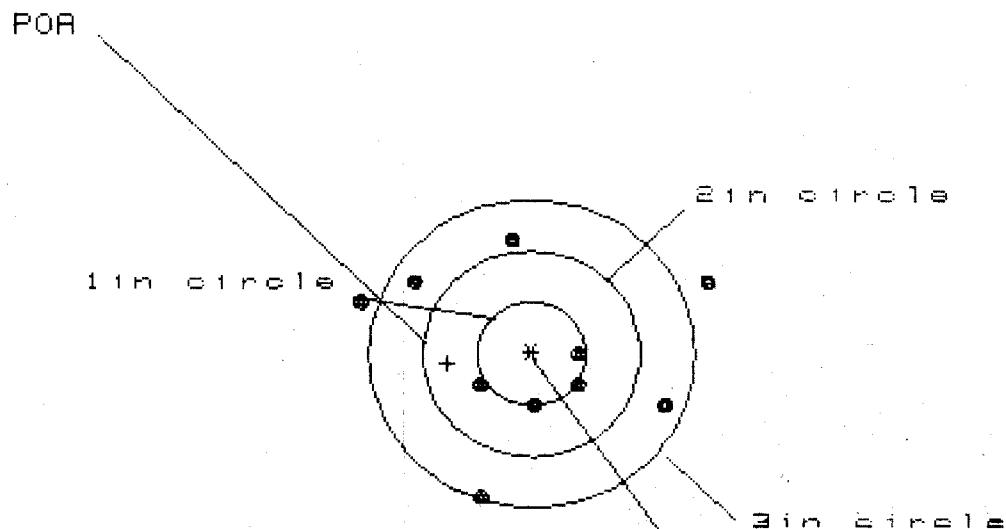
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	.967	.567
MINIMUM X	:	-1.665	-.662	-.541
MAXIMUM Y	:	1.027	1.048	.924
MINIMUM Y	:	-1.081	-1.060	-1.184
CENTROID X	:	.520	.705	.584
CENTROID Y	:	-.585	-.606	-.482
POA TO CENTROID in.	:	.783	.930	.757
MIN RADIUS	:	.377	.411	.294
MEAN RADIUS	:	.891	.792	.699
MAX RADIUS	:	1.676	1.388	1.242
HORIZONTAL SPREAD	:	2.817	1.629	1.108
VERTICAL SPREAD	:	2.108	2.108	2.108
EXTREME SPREAD	:	3.065	2.257	2.174
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

17 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349169

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.271

VS= 2.479

GS= 3.277

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.660	1.444	1.266
MINIMUM X	-1.611	-1.427	-1.056
MAXIMUM Y	1.089	1.170	1.248
MINIMUM Y	-1.390	-1.309	-1.232
CENTROID X	.774	.590	.768
CENTROID Y	.096	.014	-.064
POA TO CENTROID in.	.780	.590	.770
MIN RADIUS	.433	.390	.366
MEAN RADIUS	1.073	.983	.875
MAX RADIUS	1.815	1.555	1.333
HORIZONTAL SPREAD	3.271	2.871	2.322
VERTICAL SPREAD	2.479	2.479	2.479
EXTREME SPREAD	3.277	3.050	2.589
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

17 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349169

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

HS= 3.903

VS= .863

GS= 3.921

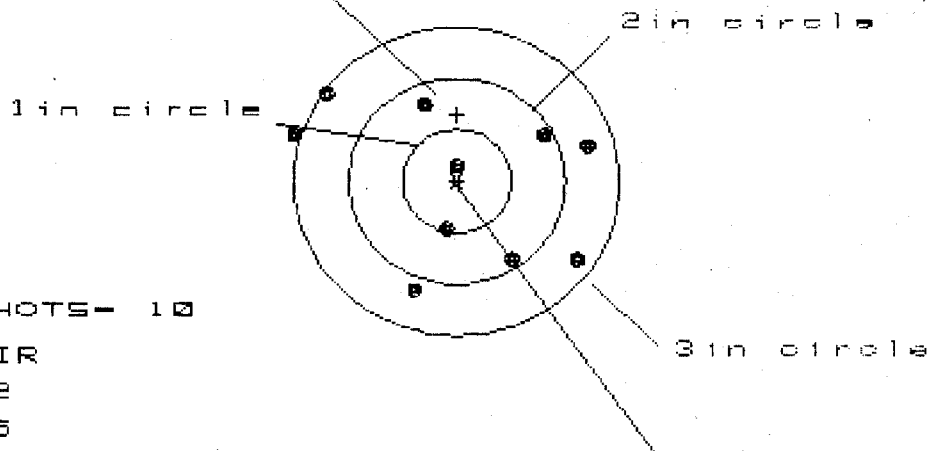
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.715	1.472	1.222
MINIMUM X	-2.188	-2.004	-1.966
MAXIMUM Y	.459	.430	.407
MINIMUM Y	-.404	-.433	-.456
CENTROID X	.426	.669	.919
CENTROID Y	-.261	-.232	-.209
POA TO CENTROID in.	.500	.708	.943
MIN RADIUS	.592	.449	.425
MEAN RADIUS	1.386	1.232	1.055
MAX RADIUS	2.204	2.012	1.976
HORIZONTAL SPREAD	3.903	3.476	3.188
VERTICAL SPREAD	.863	.863	.863
EXTREME SPREAD	3.921	3.486	3.191
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	7		

17 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349169

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.687

VS= 1.844

GS= 2.871

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.172
MINIMUM X	-1.515
MAXIMUM Y	.827
MINIMUM Y	-1.016
CENTROID X	-.003
CENTROID Y	-.645
POA TO CENTROID in.	.646
MIN RADIUS	.193
MEAN RADIUS	1.000
MAX RADIUS	1.591
HORIZONTAL SPREAD	2.687
VERTICAL SPREAD	1.844
EXTREME SPREAD	2.871
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9




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

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.

SERIAL NO.
C6349169

ORDER NO.
5716

D1

