

C6349060

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00115162** Serial: C6349060 Model M24 SWS Center Fire
 Verify Repair Caliber: 308 Produced: 03/19/1990 Repairman: Status: Closed 7/31/2006 2:18:40 PM

Address Information

Customer: Received From Return To: Received From
 Name: DOTA DOTA
 Address 1: HHC 2ND BAT 27TH INFANTRY HHC 2ND BAT 27TH INFANTRY
 Address 2: PO Box: PO Box:
 City: SCHOFIELD BARRACKS SCHOFIELD BARRACKS
 State: HI Zip Code: 96857 Country: US State: HI Zip Code: 96857 Country: US

FFL: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information
 Phone: 808 722 0282
 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
B000	FRONT AND REAR E	1

Repair Search Refresh Close

naglelj 8/1/2006 7:31 AM CAPS NUM INS SCRL

start 2 Micros... Part Search... 5 Intern... RAC0179... Arms Servi...

*Convert to
A2's
JW*

Serial Number: **C6349060**

Model: **M24 SWS**



RE00115162

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349060.___0

FILE DATE AND TIME: 11/13/2006 21:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.052
The Average Y Centroid of the Five Target Set:	-0.067
The Average Point of Impact of the Five Target Set:	0.085
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.219
The Distance from Centroid Target #2 to Centroid Target #1:	0.393
The Distance from Centroid Target #3 to Centroid Target #1:	0.366
The Distance from Centroid Target #4 to Centroid Target #1:	0.480
The Distance from Centroid Target #5 to Centroid Target #1:	0.155

SERIAL NUMBER: C6349060. 0

TARGET NUMBER: 1

FILE DATE: 11/13/2006

FILE TIME: 21:16

POINT#	X	Y
1:	-0.613	0.544
2:	-0.564	0.061
3:	0.017	0.489
4:	-0.164	0.347
5:	0.345	0.102
6:	0.672	0.192
7:	1.163	-0.163
8:	0.988	-0.499
9:	1.173	-0.811
10:	-1.829	1.575

X CENTROID: 0.119

Y CENTROID: 0.184

POA TO CENTROID: 0.219

HORZ SPREAD: 3.002

VERT SPREAD: 2.386

GROUP SPREAD: 3.835

MIN RADIUS: 0.241

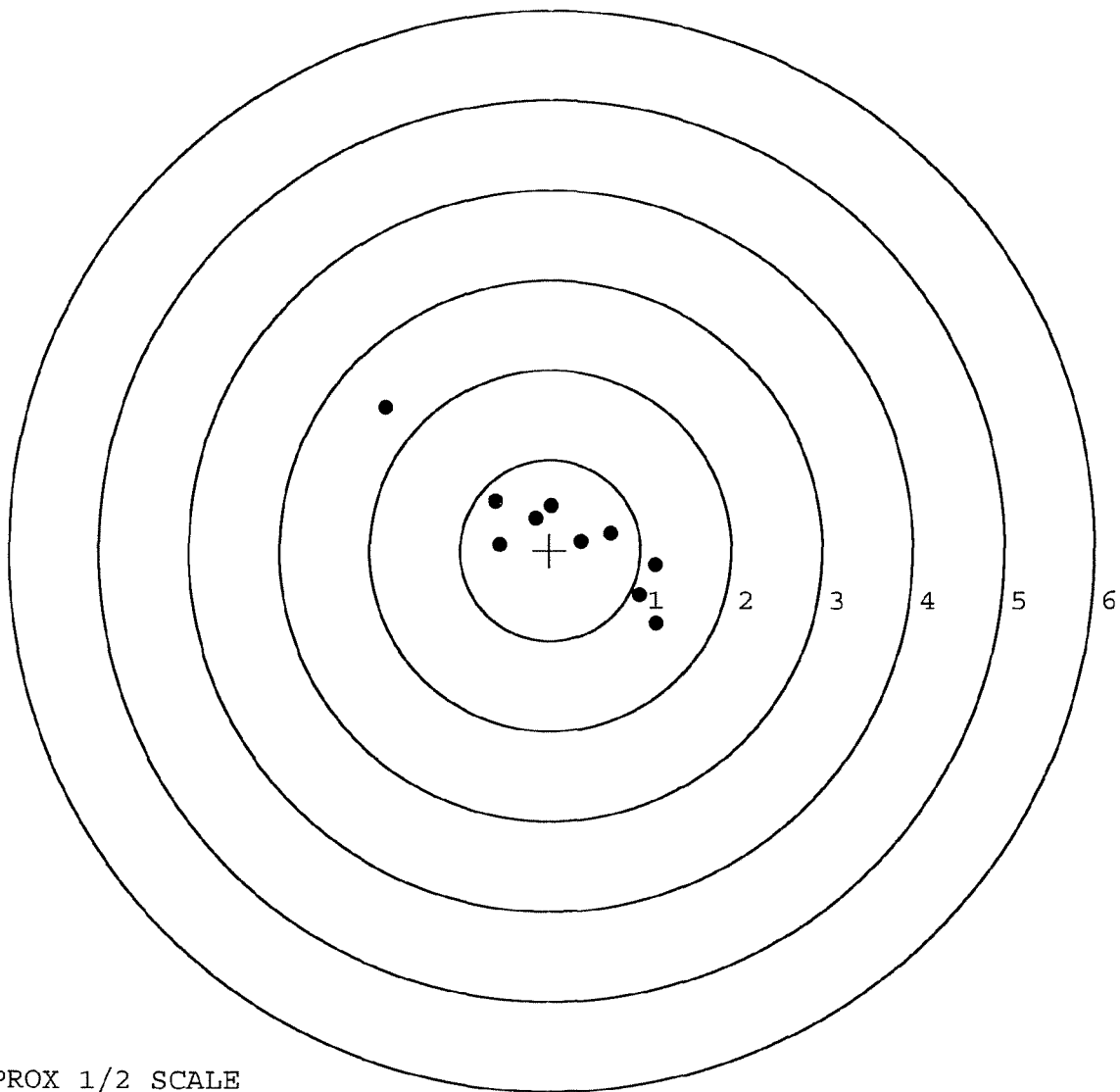
MAX RADIUS: 2.394

MEAN RADIUS: 0.900

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349060.___0

TARGET NUMBER: 2

FILE DATE: 11/13/2006

FILE TIME: 21:16

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

1:	-0.389	0.372
----	--------	-------

2:	-0.072	0.312
----	--------	-------

3:	0.065	0.097
----	-------	-------

4:	0.272	-0.099
----	-------	--------

5:	0.152	-0.267
----	-------	--------

6:	-0.038	-0.099
----	--------	--------

7:	-0.164	-0.169
----	--------	--------

8:	-0.521	-0.298
----	--------	--------

9:	-0.277	-0.563
----	--------	--------

10:	0.507	-1.009
-----	-------	--------

X CENTROID: -0.047

Y CENTROID: -0.172

POA TO CENTROID: 0.178

HORZ SPREAD: 1.028

VERT SPREAD: 1.381

GROUP SPREAD: 1.646

MIN RADIUS: 0.074

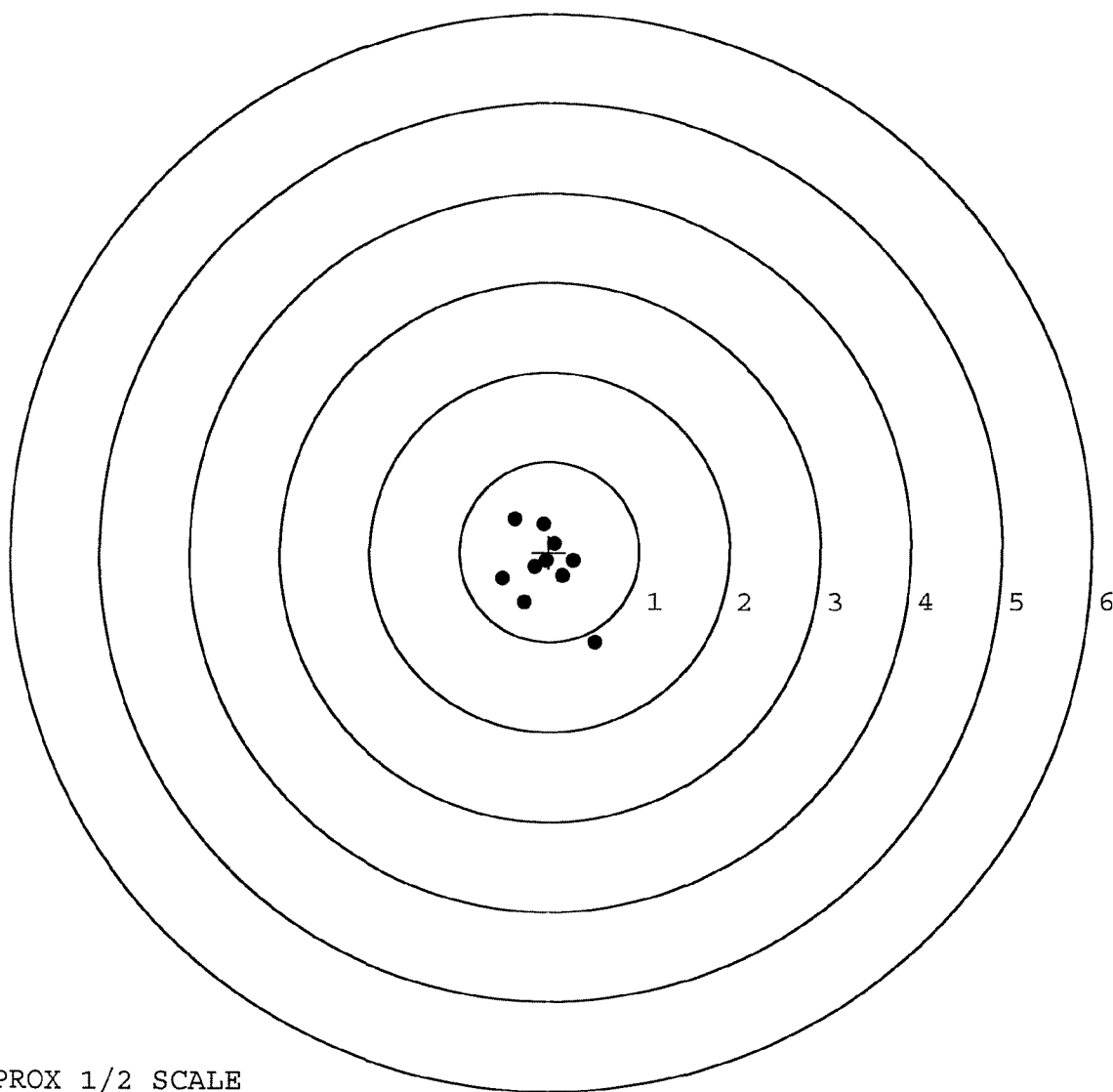
MAX RADIUS: 1.003

MEAN RADIUS: 0.411

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349060. __ 0

TARGET NUMBER: 3

FILE DATE: 11/13/2006

FILE TIME: 21:16

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

1:	0.172	0.646
----	-------	-------

2:	0.473	0.868
----	-------	-------

3:	-0.427	0.153
----	--------	-------

4:	-0.330	-0.424
----	--------	--------

5:	-0.388	-0.487
----	--------	--------

6:	-0.121	-0.377
----	--------	--------

7:	0.087	-0.351
----	-------	--------

8:	0.048	-0.607
----	-------	--------

9:	0.254	-0.621
----	-------	--------

10:	0.490	-0.501
-----	-------	--------

X CENTROID: 0.026

Y CENTROID: -0.170

POA TO CENTROID: 0.172

HORZ SPREAD: 0.917

VERT SPREAD: 1.489

GROUP SPREAD: 1.605

MIN RADIUS: 0.191

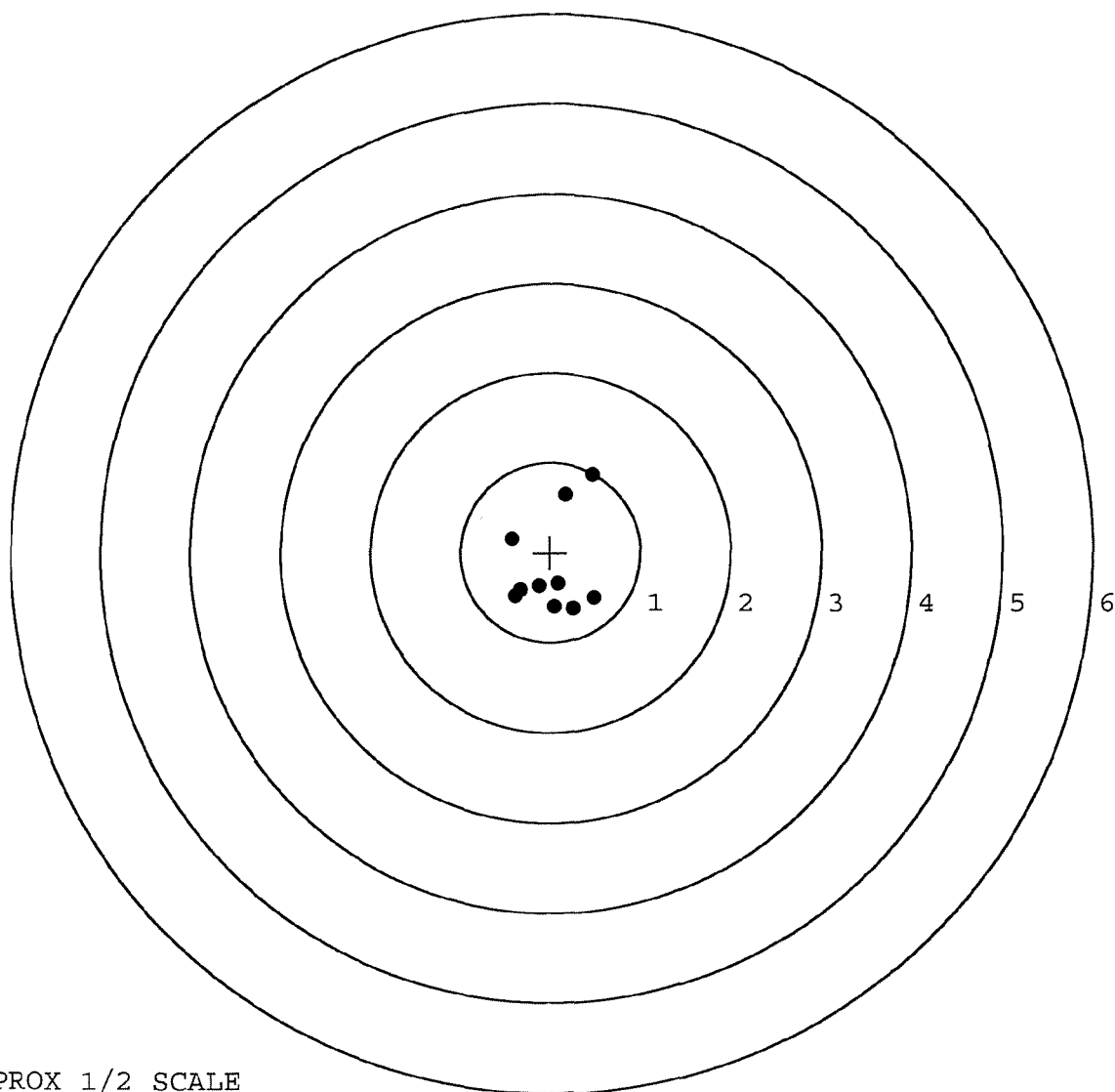
MAX RADIUS: 1.130

MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

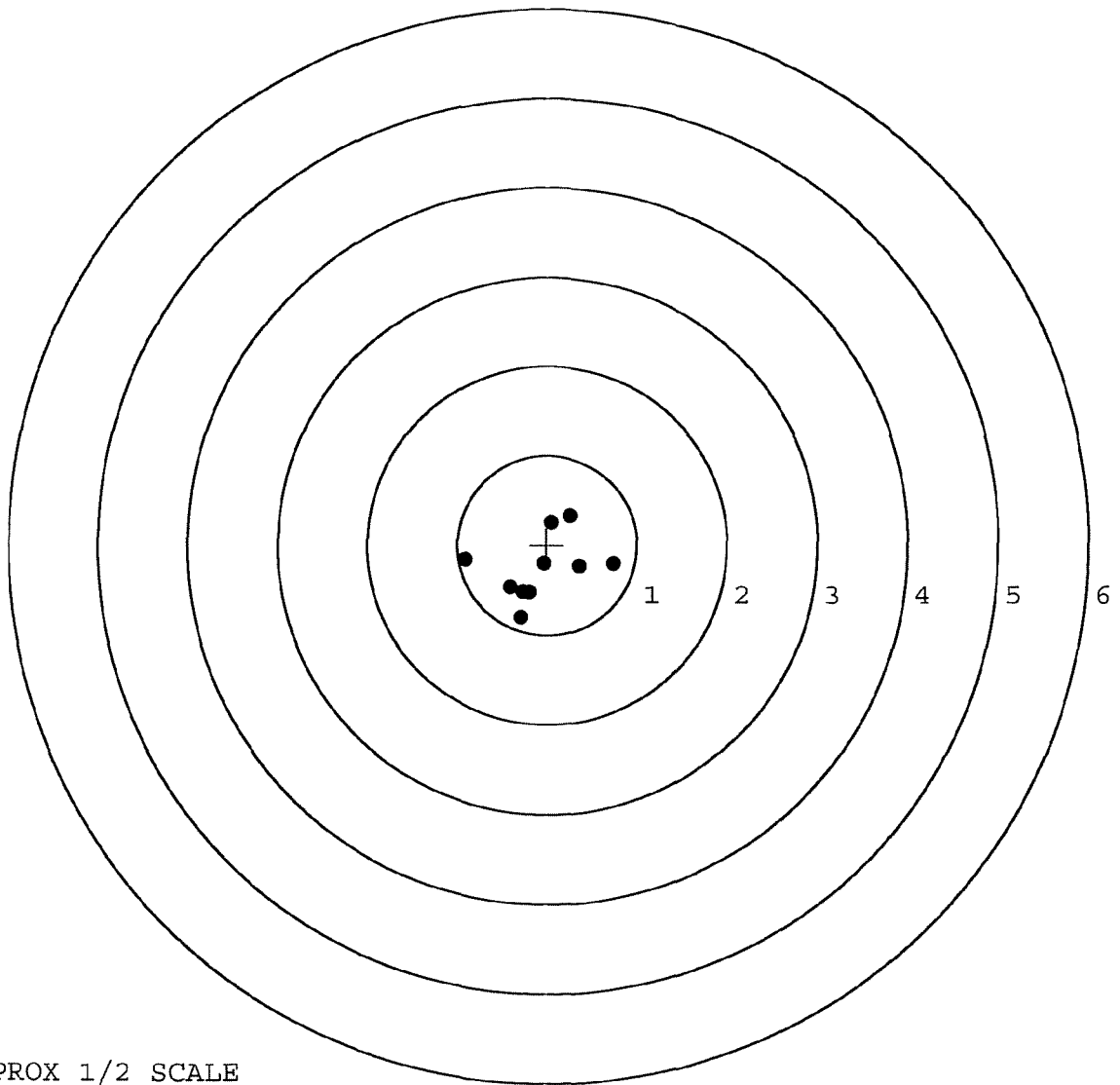


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349060. 0
TARGET NUMBER: 4
FILE DATE: 11/13/2006
FILE TIME: 21:16

POINT#	X	Y
1:	0.054	0.250
2:	0.257	0.329
3:	0.746	-0.208
4:	0.366	-0.238
5:	-0.033	-0.211
6:	-0.412	-0.470
7:	-0.198	-0.528
8:	-0.290	-0.810
9:	-0.271	-0.525
10:	-0.910	-0.166

X CENTROID: -0.069
Y CENTROID: -0.258
POA TO CENTROID: 0.267
HORZ SPREAD: 1.656
VERT SPREAD: 1.139
GROUP SPREAD: 1.657
MIN RADIUS: 0.059
MAX RADIUS: 0.846
MEAN RADIUS: 0.498
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

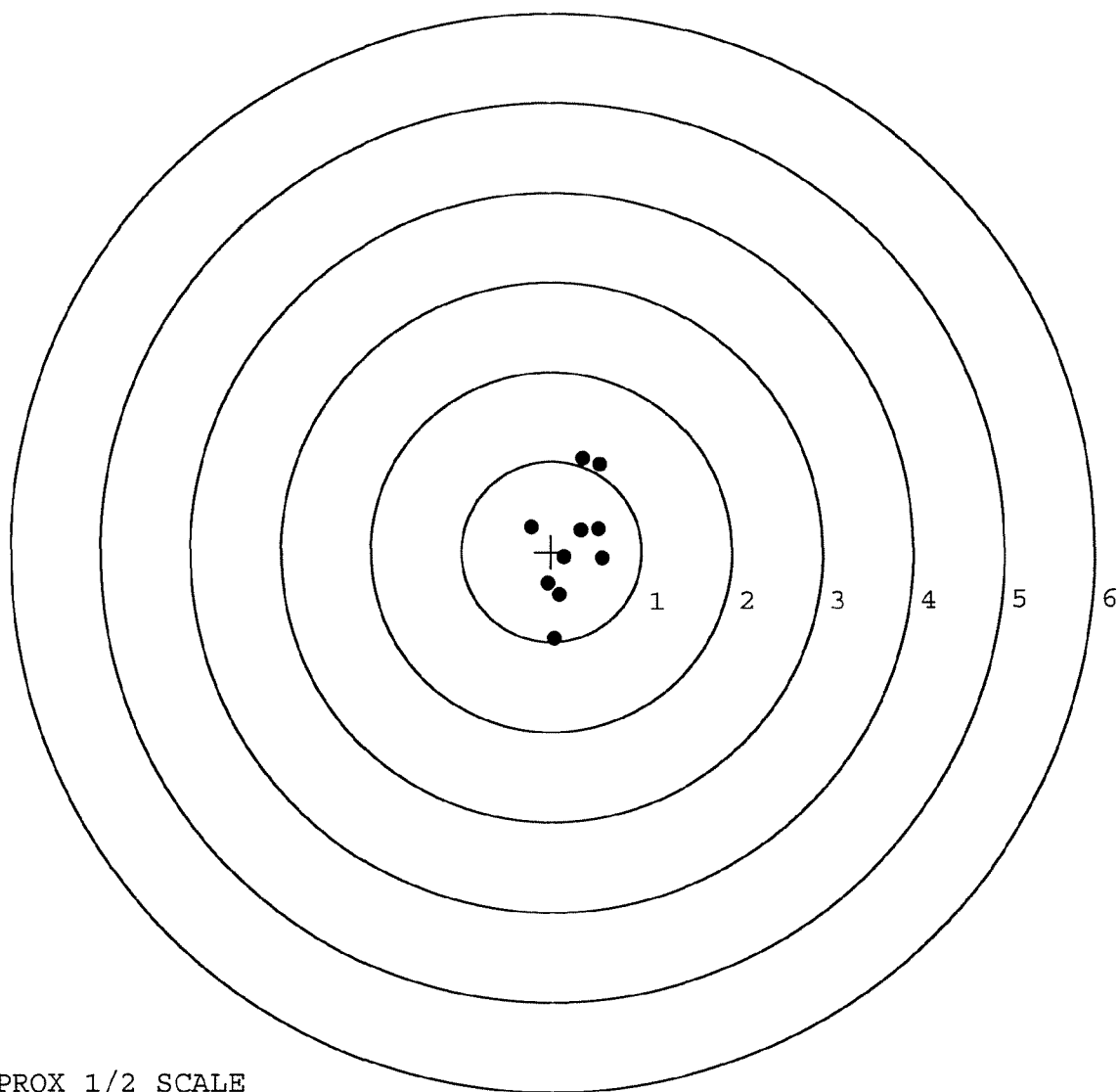


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349060. __0
TARGET NUMBER: 5
FILE DATE: 11/13/2006
FILE TIME: 21:16

POINT#	X	Y
1:	0.351	1.030
2:	0.543	0.961
3:	0.529	0.252
4:	0.564	-0.078
5:	0.340	0.235
6:	0.146	-0.062
7:	-0.219	0.272
8:	-0.045	-0.360
9:	0.092	-0.485
10:	0.034	-0.973

X CENTROID: 0.233
Y CENTROID: 0.079
POA TO CENTROID: 0.247
HORZ SPREAD: 0.783
VERT SPREAD: 2.003
GROUP SPREAD: 2.028
MIN RADIUS: 0.166
MAX RADIUS: 1.071
MEAN RADIUS: 0.562
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	115162	A-2		
SERIAL NUMBER	C6349060			
LOG-IN DATE	7-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		9-19-06	RTZ
505	RE-BARREL		9-20-06	RTZ
420	ASSEMBLE		9-20-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED	9-20-06	RTZ
460	CHECK HEADSPACE		9-20-06	RTZ
470	DIS-ASSEMBLE GUN	SEP 20 2006	9-20-06	RTZ
480	MAGNAFLUX	OPERATOR <i>unmud</i>	9/20/06	<i>unmud</i>
510	DRILL AND TAP			
500	ROLLMARK CALIBER		9-20-06	CW
520	GOFF BLAST BBL / REC			
530 & 540	APPLY COATINGS		9/22/06	KB
560	FINAL ASSEMBLY		11-11-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	11-11-06	TRW
650	TARGET	(PASS) FAIL	11-11-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-11-06	DK
670	FINAL INSPECTION		11-14-06	RTZ
	A) HEADSPACE	(PASS) FAIL	11-14-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	253 247 278 274 249	11-14-06 RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5° 5° 5°	11-14-06 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2° 2° 2°	11-14-06 RTZ
	I) FIRING PIN INDENT	.020	.022 .022 .022	11-14-06 RTZ
690	PACK			11-15-06 DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Remington



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

MODEL 700TM M24

SERIAL NO.
C6349060

ORDER NO.
5716

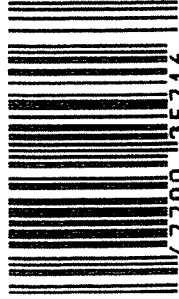
Q1

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



5716 C6349060

UPC



0 47700 25716 7

PC - -15
Replaced

M-24

INTERCHANGEABILITY

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349060

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1 12 90	RW
600	Proof		1 12 90	A
607	Check Headspace		1 12 90	A
610	Dis-assemble Gun		1 12 90	RW
612	Magnaflux Barrel Action		1-16-90	KCR
	Magnaflux Bolt		1-17-90	KCR
615	Rollmark Caliber		1-17-90	GS
617	Drill and Tap Sight Holes		1-19-90	FB
618	Polish Barrel RB		1-22-90	WB
620	Apply Coatings (Barrel Action)		1-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly		2/1/90	WB
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/90	RW
	C) Inspect Ejector Hole for Chamfer		2/1/90	RW
	D) Oil Firing Pin Ass'y		2/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/6/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2-1-90	JS
	G) Safety Off Force	3	3	3			2-1-90	JS
	H) Trigger Pull Test & Retainability						12/6/90	JS
	I) Firing Pin Indent	.022	.022	.022			2-1-90	JS
	J) Assemble Stock						3/1/90	RW
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						3/1/90	RW
	M) Iron Sight Alignment						3/1/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/1/90	RW
	O) Attach Scope to Rifle						3/1/90	WB
	P) Detach & Attach Scope 20 Times						3/1/90	WB
640	Gallery Target & Test						3-2-90	AC
	A) Time						3-2-90	AC
	B) Malfunctions						1	AC
	C) Pierced Primers						1	AC
	D) Optical Clarity of Scope						1	AC
645	Inspect for Live Ammo						3-2-90	AC
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.40	2.31	2.37	2.31	2.29	3/12/90	GS
	C) Function						3/12/90	WB
660	Pack						20 MAR 90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349060

DATE 1 Feb 90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	202	209	212	240	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	204	219	202	231	
PULL #3	202	226	203	237	
PULL #4	213	203	229	231	
PULL #5	210	219	215	229	
TOTAL	1031	1076	1061		
AVG.	2062	2152	2122		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	306	298		
PULL #2	311	297		
PULL #3	311	303		
PULL #4	311	300		
PULL #5	306	308		
TOTAL	1545	1506		
AVG.	309	3012		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	406	412		411
PULL #2	395	426		405
PULL #3	395	393		407
PULL #4	395	405		407
PULL #5	397	409		408
TOTAL	1988	2045		2038
AVG.	3976	409		4076

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349060
3 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.253712
1 TO	2	.343804
1 TO	3	.395487
1 TO	4	.200412
1 TO	5	.159962

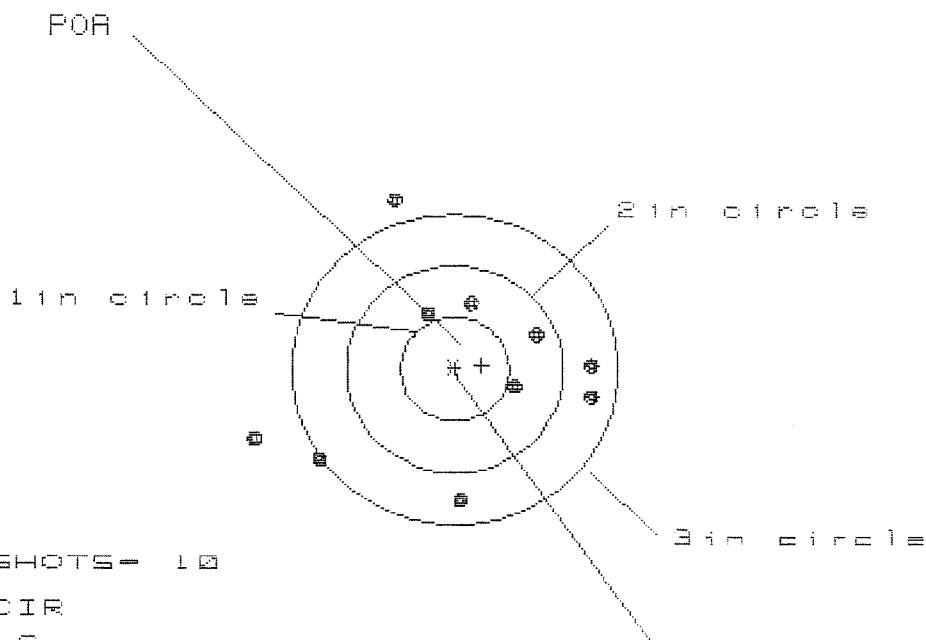
$\bar{x}_E$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1658
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .166219
THE AMR FOR THIS RIFLE IS: 1.075

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349060

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.087

VS= 2.849

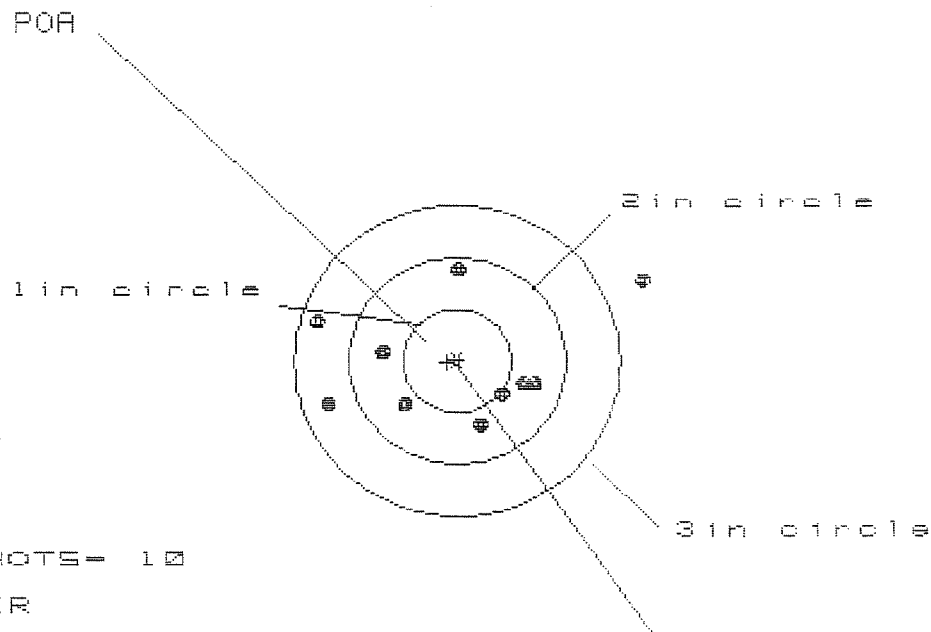
GS= 3.167

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.210	1.002	.909
MINIMUM X	:	-1.877	-1.431	-1.524
MAXIMUM Y	:	1.595	1.525	.770
MINIMUM Y	:	-1.254	-1.324	-1.133
CENTROID X	:	-.251	-.043	.050
CENTROID Y	:	-.037	.033	-.158
POA TO CENTROID in.	:	.254	.054	.166
MIN RADIUS	:	.547	.425	.286
MEAN RADIUS	:	1.148	1.002	.905
MAX RADIUS	:	1.980	1.698	1.687
HORIZONTAL SPREAD	:	3.087	2.433	2.433
VERTICAL SPREAD	:	2.849	2.849	1.903
EXTREME SPREAD	:	3.167	2.900	2.600
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Mar 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6349060

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

HS= 2.977

VS= 1.509

GS= 3.097

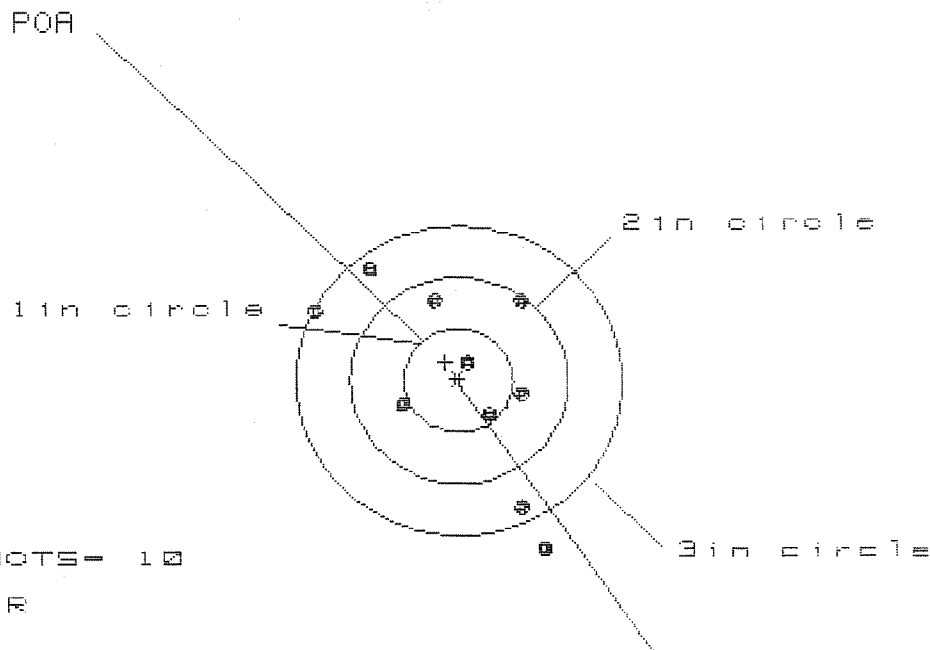
CENTROID *

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.672
MINIMUM X	:	-1.305
MAXIMUM Y	:	.921
MINIMUM Y	:	-.588
CENTROID X	:	.089
CENTROID Y	:	.014
POA TO CENTROID in.	:	.090
MIN RADIUS	:	.542
MEAN RADIUS	:	.924
MAX RADIUS	:	1.837
HORIZONTAL SPREAD	:	2.977
VERTICAL SPREAD	:	1.509
EXTREME SPREAD	:	3.097
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	7
NUMBER IN THREE INCH CIRCLE	=	9

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6345060

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.077

VS= 2.650

GS= 3.069

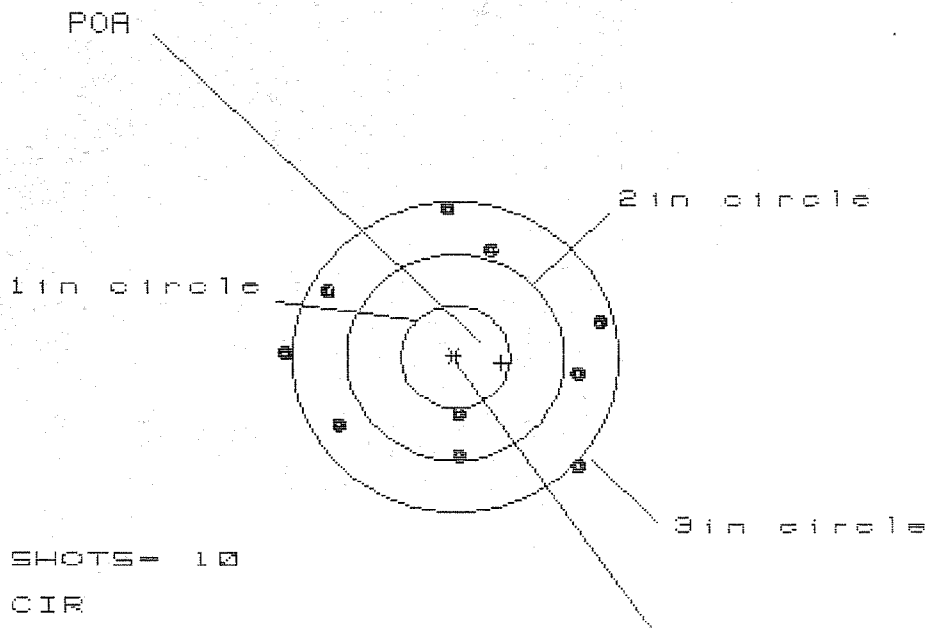
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.757	.696	.542
MINIMUM X	-1.320	-1.236	-.860
MAXIMUM Y	1.044	.866	.923
MINIMUM Y	-1.606	-1.388	-1.331
CENTROID X	.120	.036	.190
CENTROID Y	-.174	.004	-.053
POA TO CENTROID in.	.211	.036	.198
MIN RADIUS	.181	.157	.045
MEAN RADIUS	.946	.844	.755
MAX RADIUS	1.775	1.527	1.416
HORIZONTAL SPREAD	2.077	1.932	1.402
VERTICAL SPREAD	2.650	2.254	2.254
EXTREME SPREAD	3.069	2.631	2.624
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	9	9	9

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349060

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS= 2.963

VS= 2.510

GS= 2.972

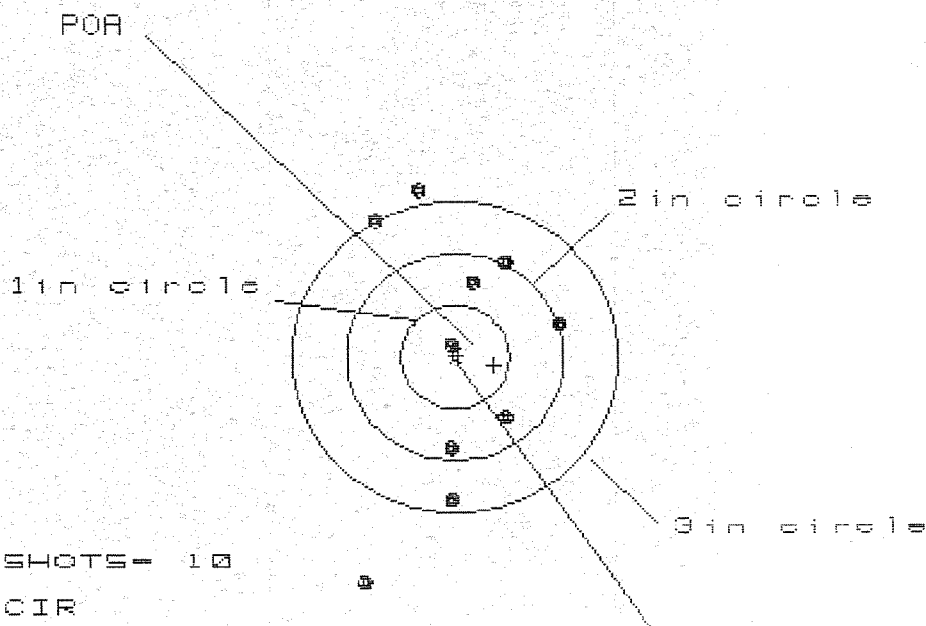
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.353	1.174	1.291
MINIMUM X	:	-1.611	-1.364	-1.247
MAXIMUM Y	:	1.433	1.442	1.388
MINIMUM Y	:	-1.077	-1.068	-1.123
CENTROID X	:	-.428	-.250	-.367
CENTROID Y	:	.057	.048	.182
POA TO CENTROID in.	:	.432	.254	.410
MIN RADIUS	:	.555	.571	.682
MEAN RADIUS	:	1.245	1.188	1.161
MAX RADIUS	:	1.612	1.504	1.404
HORIZONTAL SPREAD	:	2.963	2.538	2.538
VERTICAL SPREAD	:	2.510	2.510	2.431
EXTREME SPREAD	:	2.972	2.863	2.641
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	8		

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349060

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 1.723

VS= 3.777

GS= 3.807

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.918	.829	.776
MINIMUM X	-.805	-.811	-.863
MAXIMUM Y	1.639	1.402	1.248
MINIMUM Y	-2.138	-1.587	-1.412
CENTROID X	-.359	-.270	-.217
CENTROID Y	.081	.318	.143
POA TO CENTROID in.	.368	.417	.260
MIN RADIUS	.074	.183	.135
MEAN RADIUS	1.111	.953	.877
MAX RADIUS	2.284	1.594	1.517
HORIZONTAL SPREAD	1.723	1.640	1.640
VERTICAL SPREAD	3.777	2.989	2.660
EXTREME SPREAD	3.807	3.002	2.743
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349060
16 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.167932
1 TO	2	.129314
1 TO	3	.309829
1 TO	4	.274521
1 TO	5	.126625

$\frac{4}{5}$

<----POB

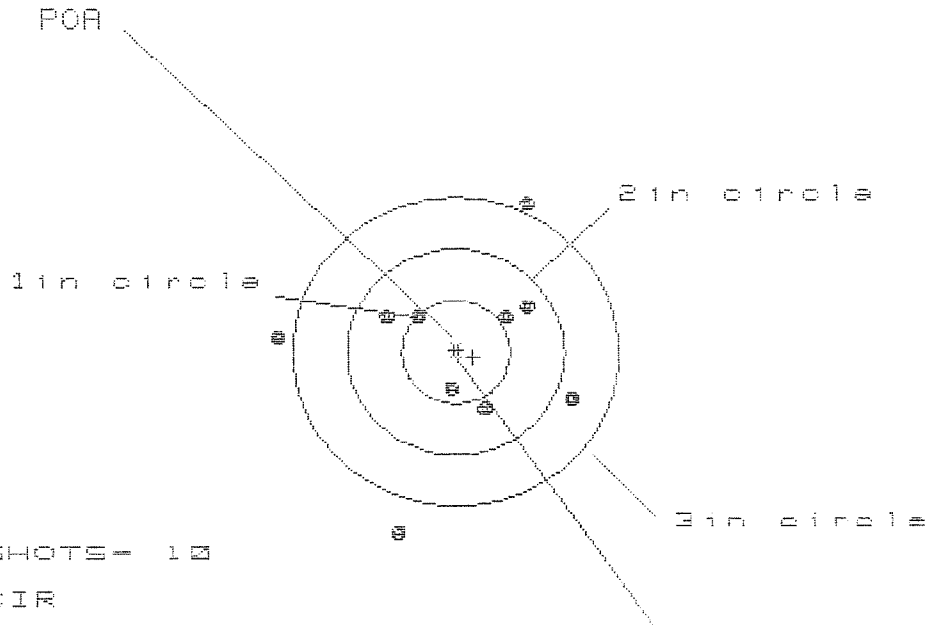
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.094
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0514
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107135

THE AMR FOR THIS RIFLE IS: 1.007

18 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349060.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 2.741

VS= 3.207

GS= 3.441

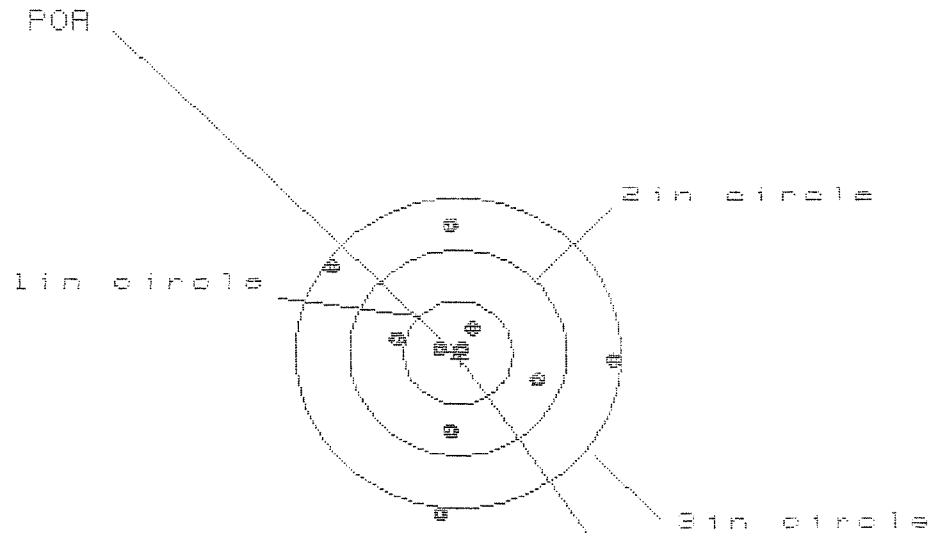
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.062	1.000	.782
MINIMUM X	-1.679	-1.741	-.899
MAXIMUM Y	1.473	1.280	1.275
MINIMUM Y	-1.734	-.778	-.783
CENTROID X	-.160	-.098	.120
CENTROID Y	.051	.244	.249
POA TO CENTROID in.	.168	.263	.277
MIN RADIUS	.375	.417	.266
MEAN RADIUS	.996	.891	.763
MAX RADIUS	1.822	1.742	1.339
HORIZONTAL SPREAD	2.741	2.741	1.681
VERTICAL SPREAD	3.207	2.058	2.058
EXTREME SPREAD	3.441	2.814	2.096
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349050.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.593

VS= 2.812

GS= 2.814

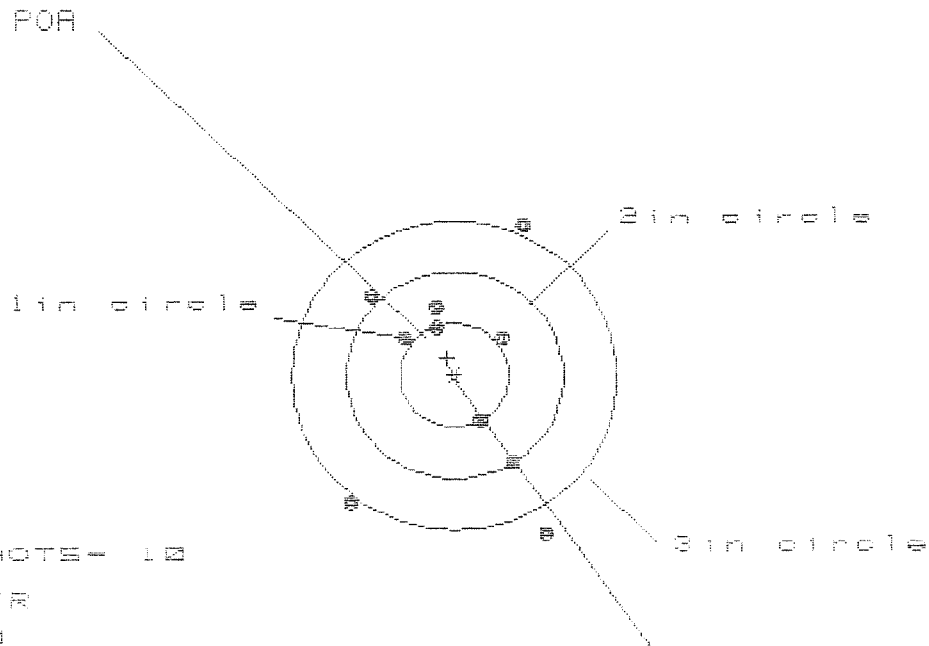
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.460	1.436	.909
MINIMUM X	-1.133	-1.157	-.977
MAXIMUM Y	1.255	1.082	1.059
MINIMUM Y	-1.557	-.885	-.908
CENTROID X	-.031	-.007	-.187
CENTROID Y	.060	.233	.256
POA TO CENTROID in.	.067	.233	.317
MIN RADIUS	.012	.065	.174
MEAN RADIUS	.826	.746	.655
MAX RADIUS	1.571	1.448	1.186
HORIZONTAL SPREAD	2.593	2.593	1.886
VERTICAL SPREAD	2.812	1.967	1.967
EXTREME SPREAD	2.814	2.739	2.182
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349080.1

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 7

HS = 1.917

VS = 3.024

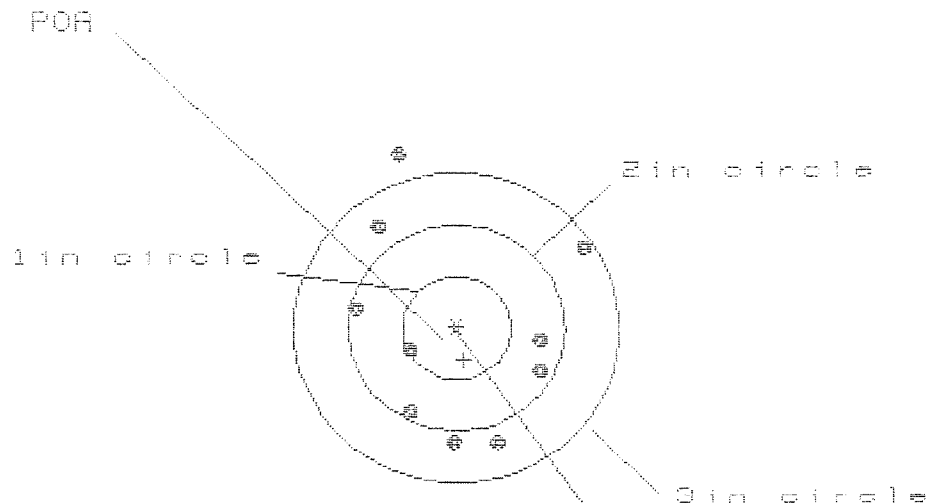
GS = 3.201

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.824	.752	.719
MINIMUM X	:	-.993	-.902	-.808
MAXIMUM Y	:	1.497	1.328	.721
MINIMUM Y	:	-1.527	-1.413	-1.247
CENTROID X	:	.065	-.026	-.120
CENTROID Y	:	-.162	.007	-.139
POA TO CENTROID in.	:	.175	.027	.199
MIN RADIUS	:	.517	.329	.458
MEAN RADIUS	:	.987	.862	.802
MAX RADIUS	:	1.735	1.676	1.486
HORIZONTAL SPREAD	:	1.817	1.654	1.527
VERTICAL SPREAD	:	3.024	2.741	1.968
EXTREME SPREAD	:	3.201	3.201	2.163
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349060.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.129

VS= 2.787

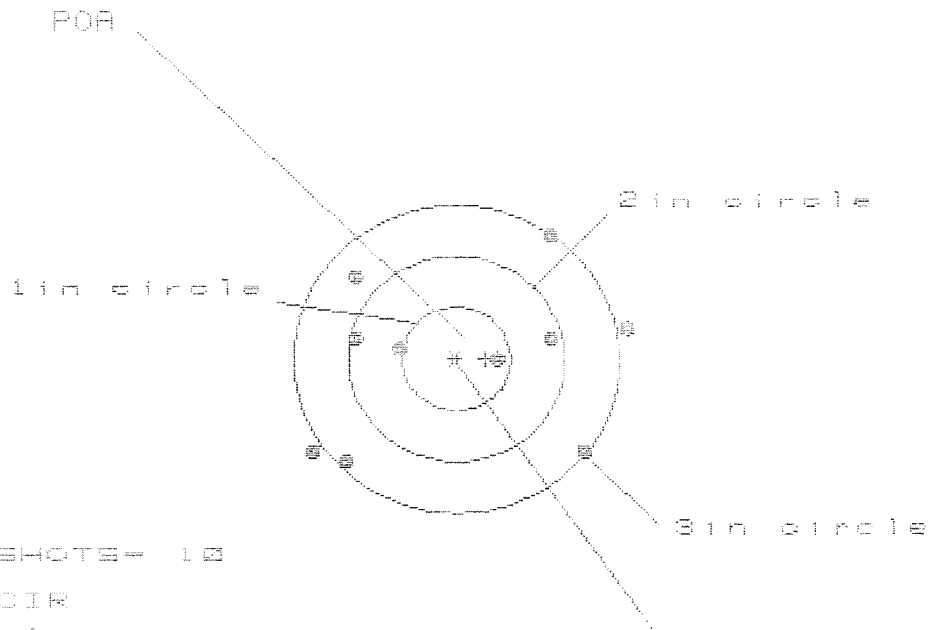
GS= 2.919

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.211	1.154	.822
MINIMUM X	:	-.917	-.975	-.831
MAXIMUM Y	:	1.706	1.196	1.318
MINIMUM Y	:	-1.081	-.891	-.768
CENTROID X	:	-.069	-.012	-.156
CENTROID Y	:	.310	.120	-.003
POA TO CENTROID in.	:	.318	.121	.157
MIN RADIUS	:	.527	.530	.391
MEAN RADIUS	:	1.068	.952	.851
MAX RADIUS	:	1.782	1.519	1.476
HORIZONTAL SPREAD	:	2.129	2.129	1.852
VERTICAL SPREAD	:	2.787	2.087	2.087
EXTREME SPREAD	:	2.919	2.371	2.371
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349060.1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 5

ME = 2.2227

VS = 2.227

GS = 3.124

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.543	1.391	1.184
MINIMUM X	-1.363	-1.175	-1.001
MAXIMUM Y	1.248	1.151	1.173
MINIMUM Y	-.979	-1.076	-1.054
CENTROID X	-.275	-.123	-.207
CENTROID Y	-.002	.095	.073
POA TO CENTROID in.	.275	.156	.306
MIN RADIUS	.388	.209	.423
MEAN RADIUS	1.156	1.098	1.042
MAX RADIUS	1.617	1.593	1.555
HORIZONTAL SPREAD	2.986	2.566	2.185
VERTICAL SPREAD	2.227	2.227	2.227
EXTREME SPREAD	3.124	2.897	2.897
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-11746

INITIALS CUSTOMER ORDER NO.

WOG 3 OF 3 W/LEUPOLD 10X SCOPE

S/N 89-1235

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/01/98	06/02/98	BK 1-90	C6349060		700 7.62	NATO

ACCESSORIES SOFT CASE SCOPE MNTS SCOPE BASE W/STUDS W/Bi-Pod

FROM:

SHIP TO:

U S ARMY
HHC 2-27 INF
SCHFIELD BARRACKS

HI 96857

U S ARMY
HHC 2-27 INF
SCHFIELD BARRACKS HI
96857

CUST NO:188259 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

A

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

METAL

C2

D5

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6025 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400106982

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6349060
21 Jul 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0172$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.1396$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.140656$

THE AMR FOR THIS RIFLE IS: $.884$

CENTROIDAL DISTANCES

0 TO 1	.387319
1 TO 2	.356972
1 TO 3	.407682
1 TO 4	.662435
1 TO 5	.357514

5
3 1
2
4 <----POA

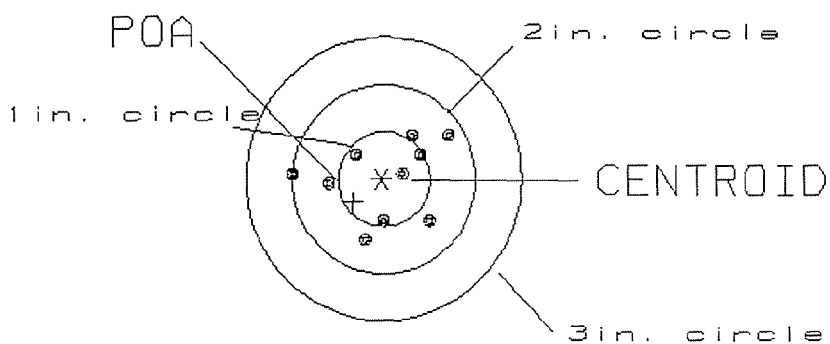
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .387
MIN RADIUS : .263
MEAN RADIUS : .574
MAX RADIUS : .970
CENTROID X : .304
CENTROID Y : .240

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349060.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.62

4

VS= 1.09

10

GS= 1.66

10

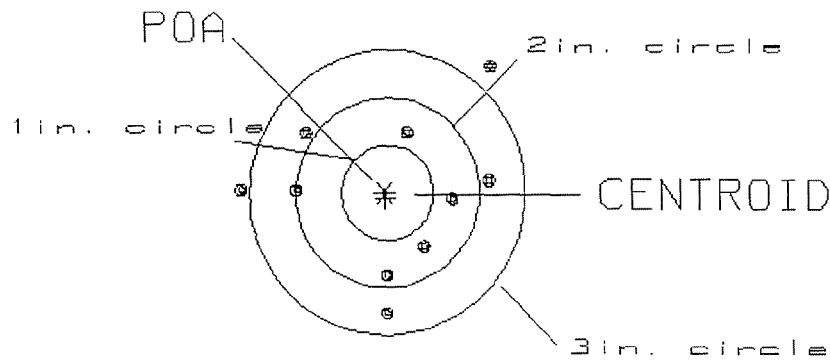
PATTERN #: 2

POA TO CENTROID: .063
 MIN RADIUS : .658
 MEAN RADIUS : 1.060
 MAX RADIUS : 1.694
 CENTROID X : -.006
 CENTROID Y : .063

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349868.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.66

0

VS= 2.55

4

GS= 2.91

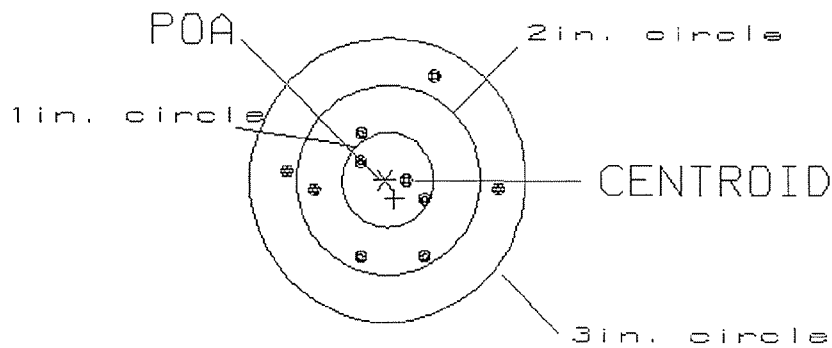
6

PATTERN #: 3
 POA TO CENTROID: .228
 MIN RADIUS : .178
 MEAN RADIUS : .765
 MAX RADIUS : 1.243
 CENTROID X : -.102
 CENTROID Y : .203

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349050.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.31

3

VS= 1.90

7

GS= 2.32

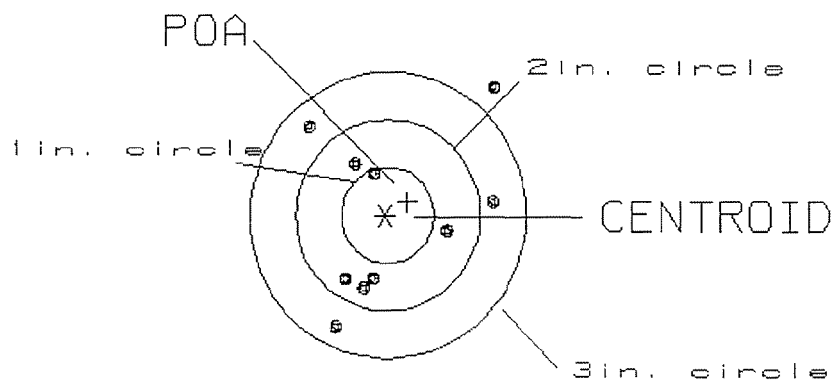
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .277
 MIN RADIUS : .447
 MEAN RADIUS : .957
 MAX RADIUS : 1.740
 CENTROID X : -.240
 CENTROID Y : -.138

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349060.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.94

1

VS= 2.46

6

GS= 2.99

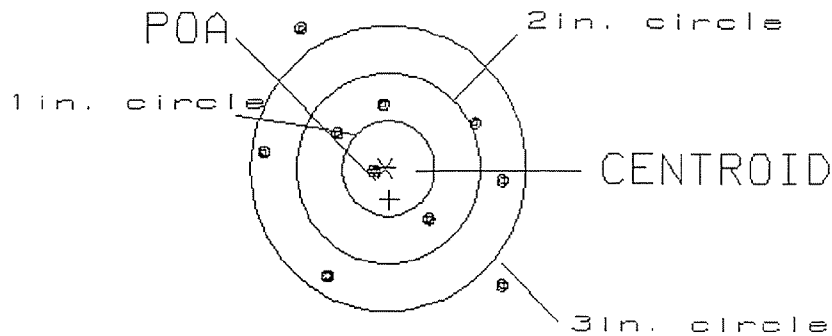
9

PATTERN #: 5
 POA TO CENTROID: .332
 MIN RADIUS : .196
 MEAN RADIUS : 1.064
 MAX RADIUS : 1.782
 CENTROID X : -.042
 CENTROID Y : .330

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349060.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.64

1

VS= 2.69

4

GS= 3.52

8

ATTN: Darrell Bureltnfski

I fax the Maintenance Request form &
the Round time Fired to you, as requested.
Any question? Call me at DSN 455 - 0579 / 9893

CW2 Jessica Lee
2-27 INF BN, PBO

M24 Serial #	Blank Rounds Fired	M118 Rounds Fired	Last Turn-in Date
Gun1 Q6349127	329	6546	Unknown
Gun2C6348789	372	6610	Unknown
Gun3C6349060	359	6327	Unknown

To Whom It May Concern:

I am sending the round count for the following weapons as asked. Please be advised that these weapons have never been sent to your company while under my control. Therefore I do not have an accurate count for the rounds that were fired from these weapons before I became sniper NCOIC and gained control of these weapons. If you have any questions feel free to give me a call at 808-655-6971.

Sincerely,

John C. Miranda SGT/USA
HHC 2/27 INF. [Scouts]

AOE DOC# WX3WAW8118 -0303

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

M2400106991