

C6225546

MODEL 700™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead
III
®

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



Remington®

MODEL 700™ H24

SERIAL NO.
C6225546

ORDER NO.
5716

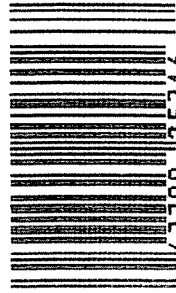
20

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



5716 C6225546

UPC



0 47700 25716 7

Repair Inquiry

Repair Number: RE00071838

Serial: C6225546 Model 700 CenterFire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

High Priority

Status:

New 10/22/2003 2:07:12 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: MICHAEL FRIEND

MICHAEL FRIEND

Address 1: POB 3 75TH RANGER

POB 3 75TH RANGER

Address 2: 82 AIRB DIV RD BLDG 2459

PO Box:

82 AIRB DIV RD BLDG 2459

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 706 545 3545

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
C000	FRT AND REAR BASI	1

Repair Search

Refresh

Close

negletj

10/22/2003

2:35 PM

CAPS

NUM

INS

SCPL

start

Inbox - Microsoft

Calendar - Microsoft

Arms Services R...

2:35 PM

Serial Number: C6225546

Model: 700



RE00071838

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225546.___0

FILE DATE AND TIME: 11/19/2003 11:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.202
The Average Y Centroid of the Five Target Set:	0.059
The Average Point of Impact of the Five Target Set:	0.210
The Average Mean Radius of the Five Target Set:	0.769
The Distance from POA to Centroid Target #1:	0.324
The Distance from Centroid Target #2 to Centroid Target #1:	0.259
The Distance from Centroid Target #3 to Centroid Target #1:	0.393
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.190

SERIAL NUMBER: C6225546. 0

TARGET NUMBER: 1

FILE DATE: 11/19/2003

FILE TIME: 11:35

X CENTROID: -0.321

Y CENTROID: -0.037

POA TO CENTROID: 0.324

HORZ SPREAD: 2.412

VERT SPREAD: 2.675

GROUP SPREAD: 3.368

MIN RADIUS: 0.295

MAX RADIUS: 1.970

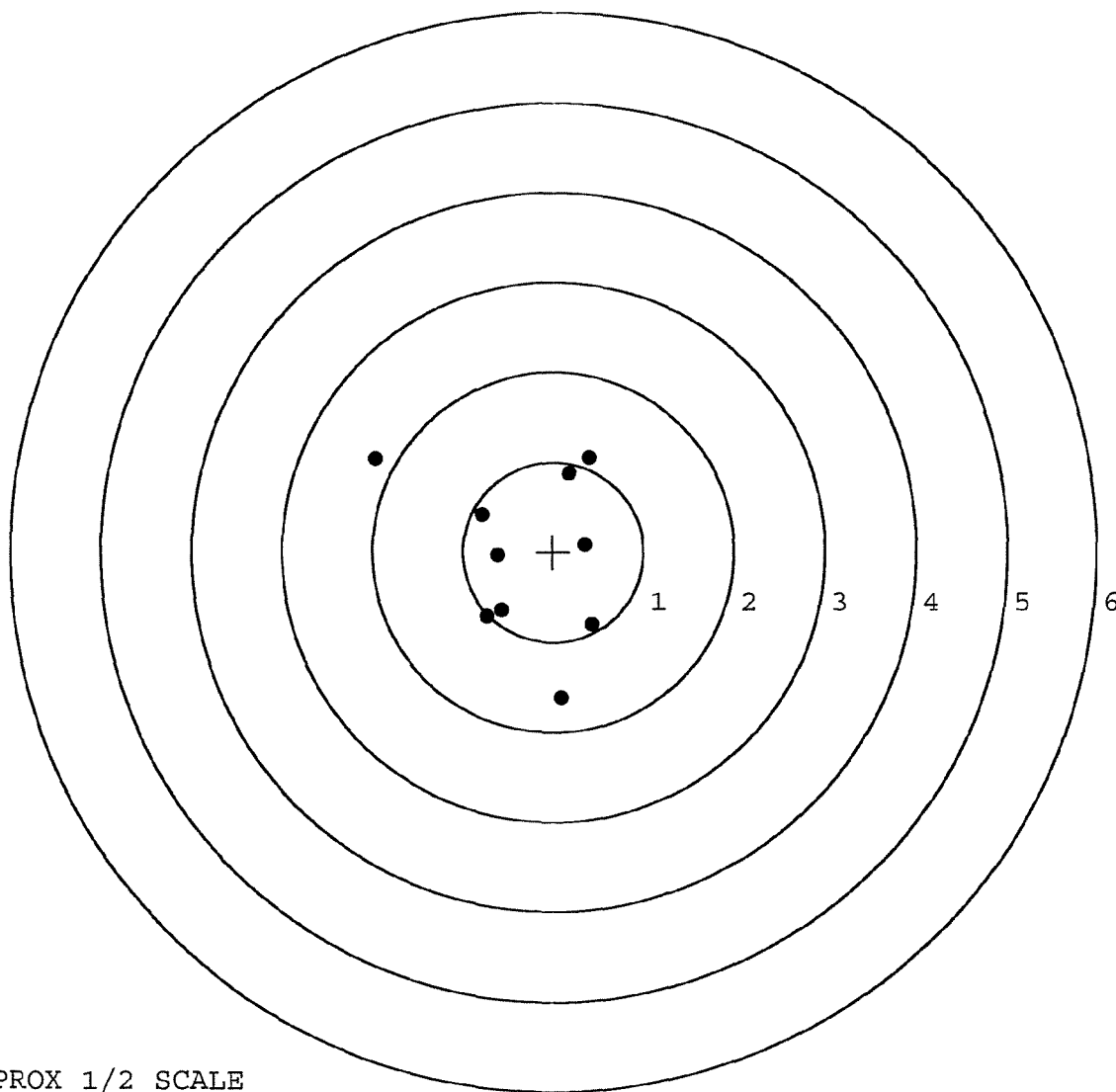
MEAN RADIUS: 1.013

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.397	1.053
2:	0.176	0.879
3:	0.359	0.080
4:	-1.973	1.036
5:	-0.791	0.420
6:	-0.616	-0.042
7:	-0.731	-0.719
8:	-0.570	-0.647
9:	0.439	-0.809
10:	0.096	-1.622



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225546. __0

TARGET NUMBER: 2

FILE DATE: 11/19/2003

FILE TIME: 11:35

X CENTROID: -0.295

Y CENTROID: 0.220

POA TO CENTROID: 0.368

HORZ SPREAD: 2.202

VERT SPREAD: 2.776

GROUP SPREAD: 2.912

MIN RADIUS: 0.143

MAX RADIUS: 1.499

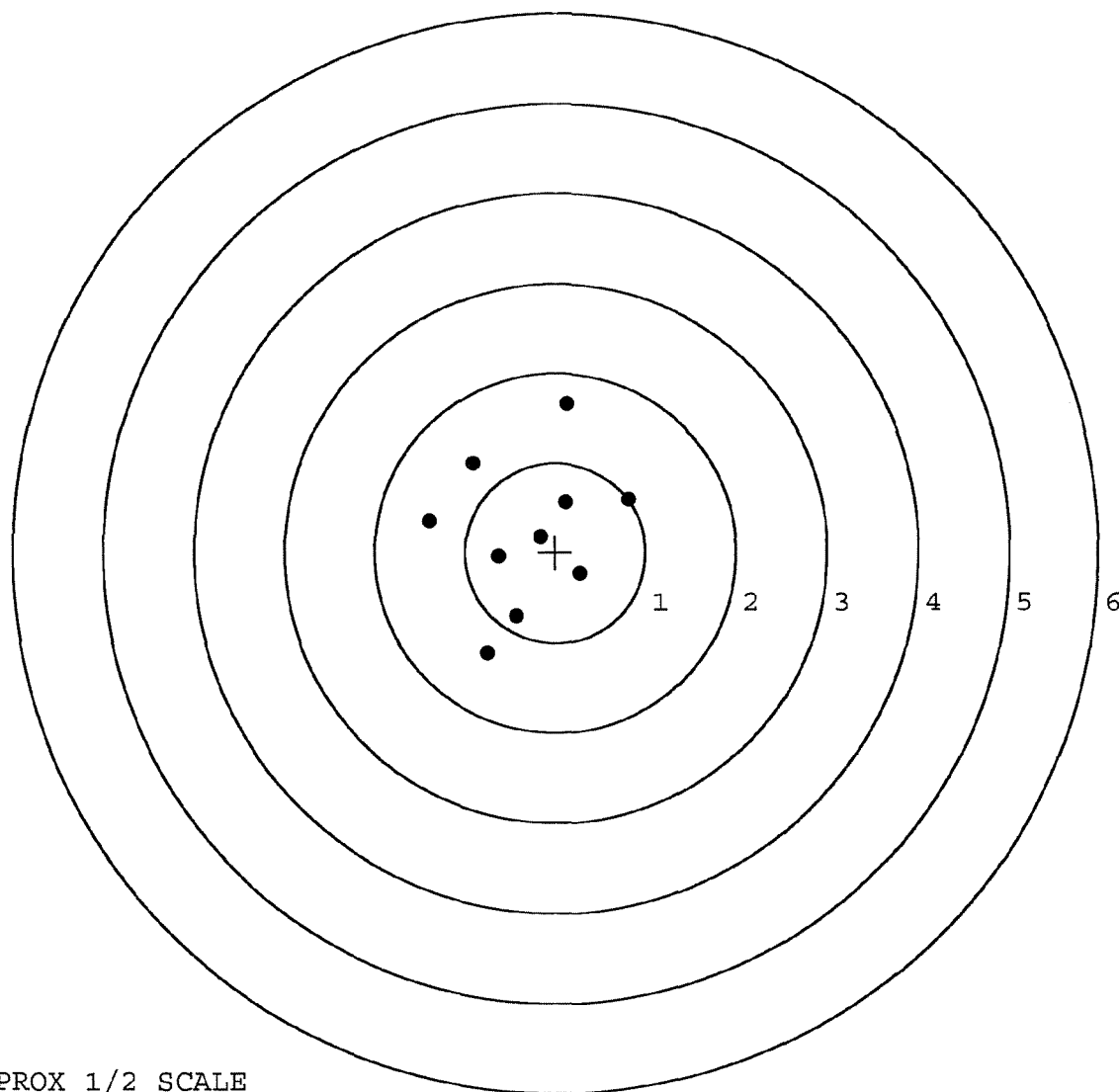
MEAN RADIUS: 0.895

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

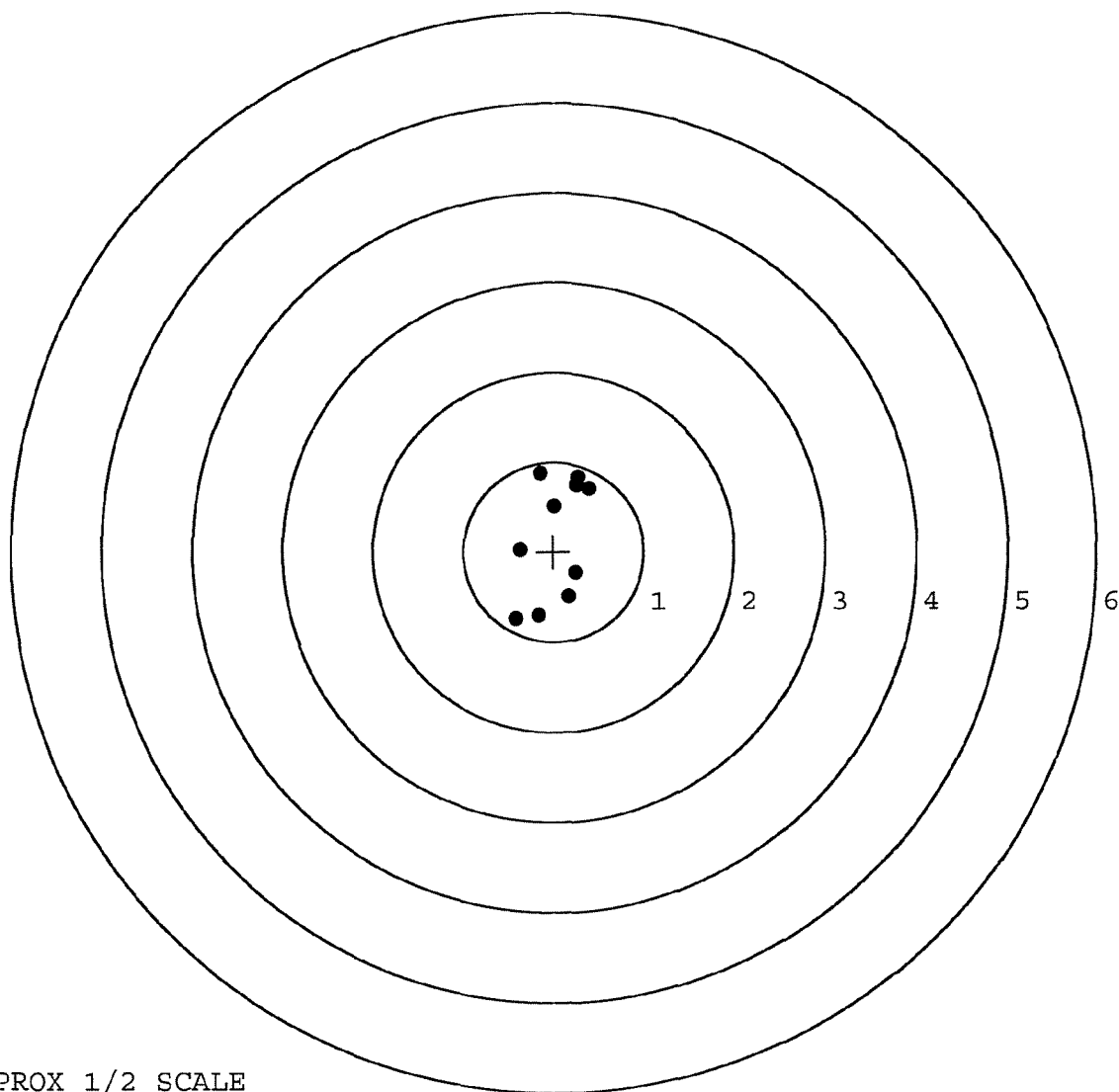
POINT#	X	Y
1:	0.808	0.593
2:	0.118	0.555
3:	-0.160	0.172
4:	0.280	-0.238
5:	-0.437	-0.708
6:	-0.632	-0.049
7:	-0.753	-1.117
8:	-1.394	0.341
9:	-0.908	0.994
10:	0.127	1.659



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225546. __0
TARGET NUMBER: 3
FILE DATE: 11/19/2003
FILE TIME: 11:35

		POINT#	X	Y
		1:	0.251	-0.236
		2:	0.170	-0.506
		3:	-0.424	-0.751
		4:	-0.171	-0.719
X CENTROID:	0.024	5:	-0.369	0.021
Y CENTROID:	0.149	6:	-0.149	0.877
POA TO CENTROID:	0.151	7:	0.007	0.508
HORZ SPREAD:	0.822	8:	0.275	0.836
VERT SPREAD:	1.628	9:	0.398	0.709
GROUP SPREAD:	1.734	10:	0.256	0.752
MIN RADIUS:	0.359			
MAX RADIUS:	1.006			
MEAN RADIUS:	0.658			
# IN 1 IN DIAMETER:	3			
# IN 2 IN DIAMETER:	9			
# in 3 IN DIAMETER:	10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225546. __0

TARGET NUMBER: 4

FILE DATE: 11/19/2003

FILE TIME: 11:35

X CENTROID: -0.259

Y CENTROID: -0.096

POA TO CENTROID: 0.276

HORZ SPREAD: 1.000

VERT SPREAD: 2.660

GROUP SPREAD: 2.673

MIN RADIUS: 0.075

MAX RADIUS: 1.655

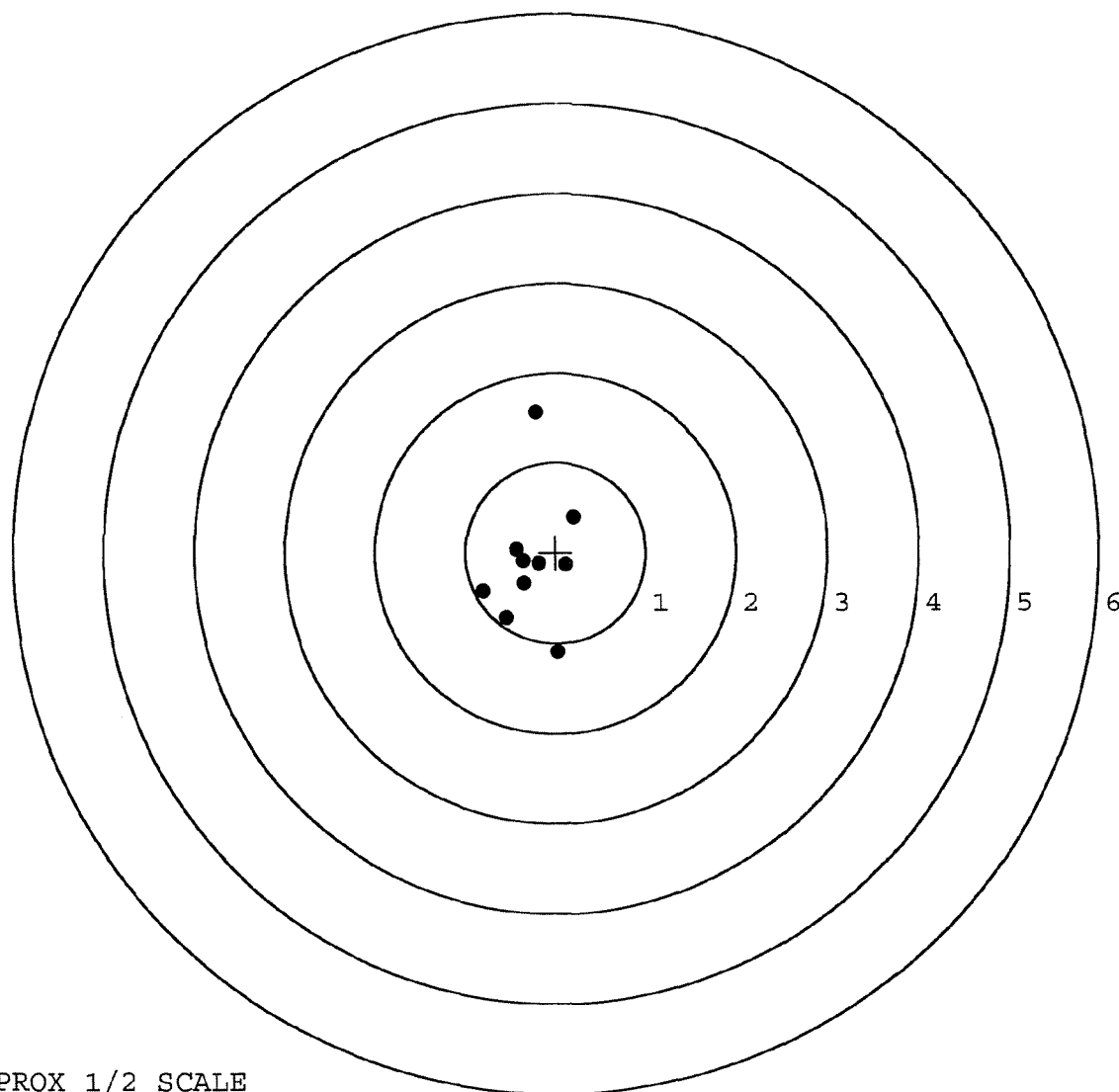
MEAN RADIUS: 0.574

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.805	-0.432
2:	-0.550	-0.720
3:	0.033	-1.101
4:	0.120	-0.135
5:	0.195	0.395
6:	-0.233	1.559
7:	-0.439	0.035
8:	-0.190	-0.125
9:	-0.356	-0.340
10:	-0.362	-0.096



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225546. __0

TARGET NUMBER: 5

FILE DATE: 11/19/2003

FILE TIME: 11:35

X CENTROID: -0.157

Y CENTROID: 0.057

POA TO CENTROID: 0.167

HORZ SPREAD: 1.662

VERT SPREAD: 2.255

GROUP SPREAD: 2.679

MIN RADIUS: 0.306

MAX RADIUS: 1.615

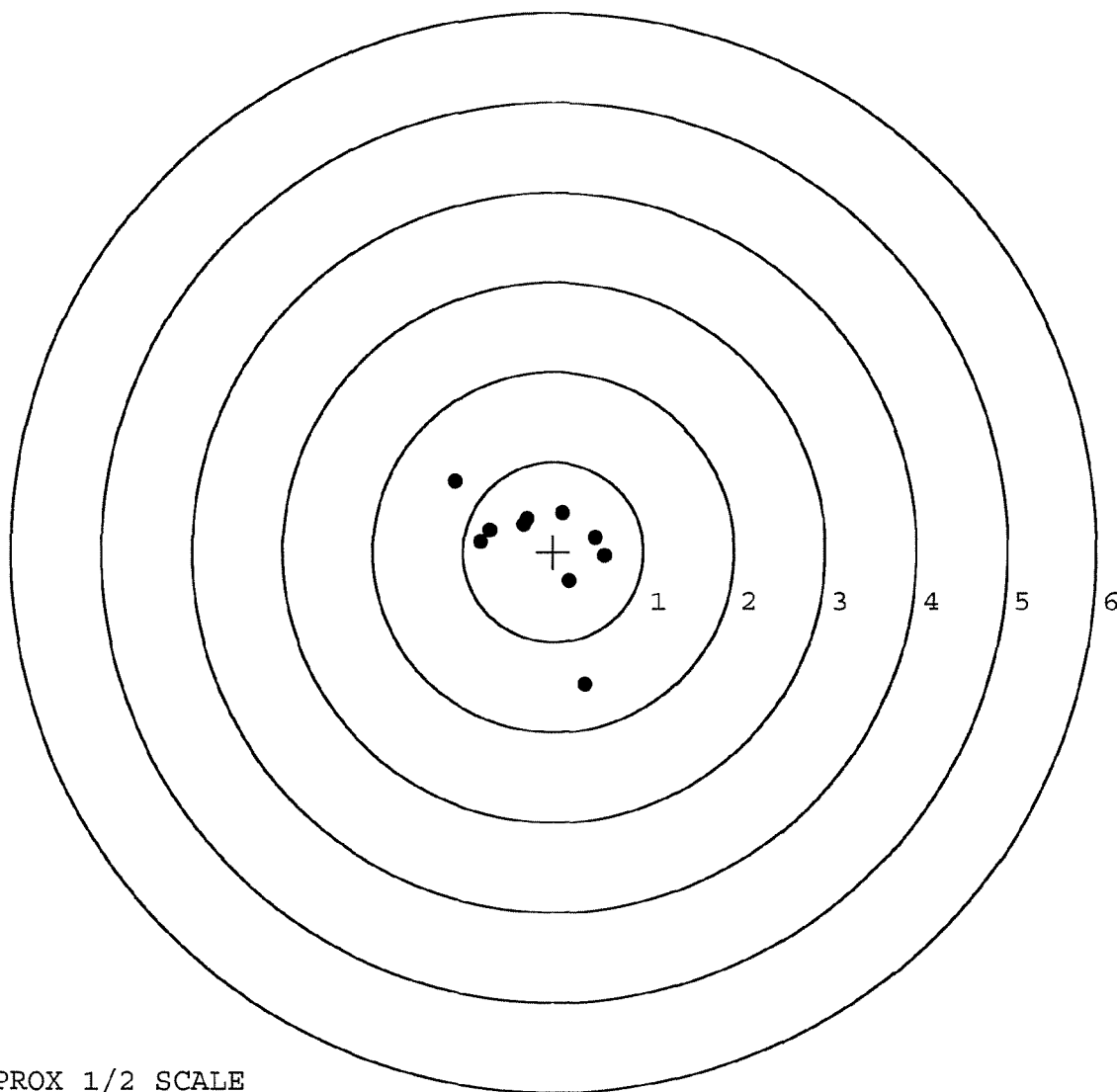
MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.473	0.166
2:	0.571	-0.042
3:	0.175	-0.325
4:	0.355	-1.475
5:	0.105	0.432
6:	-0.299	0.372
7:	-0.711	0.241
8:	-1.091	0.780
9:	-0.812	0.115
10:	-0.335	0.306



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	718'38		
SERIAL NUMBER	C6225546		
LOG-IN DATE	10-22-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-4-03	RTL
560 A	RE-BARREL	11-5-03	RTL
B	DRILL AND TAP	11-6-03	TRW
575	ASSEMBLE	11-6-03	RTL
600	PROOF	11-5-03	AC
605	CHECK HEADSPACE	11-5-03	AC
610	DIS-ASSEMBLE GUN	11-6-03	RTL
612	MAGNAFLUXERATOR		
615	ROLLMARK CALIBER	11-7-03	83
618	ROTO-BLAST	11/7/2003	Dan S.
620	APPLY COATINGS	11-11	TA
625 A	FINAL ASSEMBLY	11-14-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-19-03	AC
655	FINAL INSPECT	12-16-03	RTL
660	PACK	12-18-03	RTA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225546

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	W.D.C.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJ
620	Apply Coatings (Barrel Action)		1-18-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/20/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/20/89	RW
	C) Inspect Ejector Hole for Chamfer		1/20/89	RW
	D) Oil Firing Pin Ass'y		1/20/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		20 Jan 89	JS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			25 Jun 89	JS
	G) Safety Off Force	3	3	3			25 Jun 89	JS
	H) Trigger Pull Test & Retainability						20 Jun 89	JS
	I) Firing Pin Indent	.0215	.022	.022			25 Jun 89	JS
	J) Assemble Stock						1/27/89	JS
	K) Assemble Swivel Studs						3 Jul 89	JS
	L) Attach Front and Rear Sight Assemblies						1/27/89	JS
	M) Iron Sight Alignment						1/27/89	JS
	N) Detach Front & Rear Sights & place in numbered container						1/27/89	JS
	O) Attach Scope to Rifle						1/27/89	JS
	P) Detach & Attach Scope 20 Times						27 Jun 89	JS
640	Gallery Target & Test	70R	83L				2/1/89	JS
	A) Time							JS
	B) Malfunctions				NONE			JS
	C) Pierced Primers				NONE			JS
	D) Optical Clarity of Scope				OK		2/1/89	JS
645	Inspect for Live Ammo				NONE		2/1/89	JS
655	Final Inspection							
	A) Headspace						3 Jul 89	JS
	B) Trigger Pull	2.15	2.21	2.20	2.27	2.18	3 Jul 89	JS
	C) Function						3 Jul 89	JS
660	Pack						23 Mar 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. C6225546

DATE 20 Jan 89

TESTER g4 + b8

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.35	2.28	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.31	2.32	2.21	
PULL #3	2.52	2.31	2.28	2.20	
PULL #4	2.43	2.29	2.29	2.27	
PULL #5	2.39	2.29	2.27	2.18	
TOTAL	12.45	11.55	11.44	11.01	
AVG.	2.49	2.31	2.288	2.202	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.11		
PULL #2	3.06	3.11		
PULL #3	3.01	3.10		
PULL #4	3.04	3.14		
PULL #5	3.03	3.12		
TOTAL	15.25			
AVG.	3.05			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.20		4.07
PULL #2	4.13	4.19		4.05
PULL #3	4.19	4.19		4.06
PULL #4	4.19	4.17		4.10
PULL #5	4.20	4.21		4.08
TOTAL	20.93	20.96		20.36
AVG.	4.186	4.192		4.072

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225546
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.195167
1 TO	2	.509405
1 TO	3	.780518
1 TO	4	.482959
1 TO	5	.58843

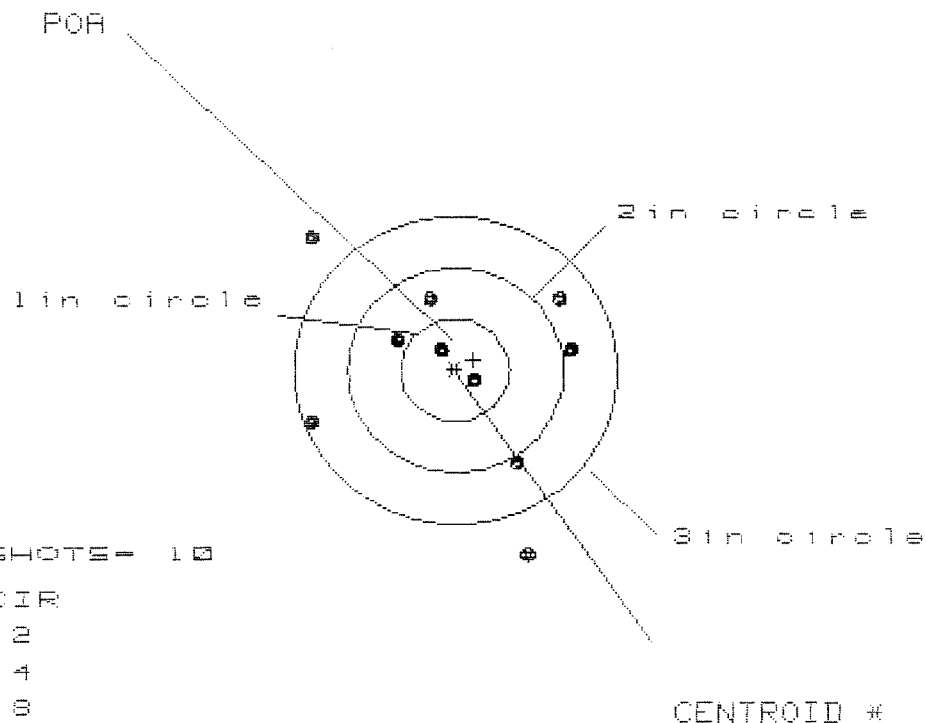
$\sigma^2_{.46}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1804
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .322563
THE AMR FOR THIS RIFLE IS: 1.009

2 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225546

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.407

VS= 3.014

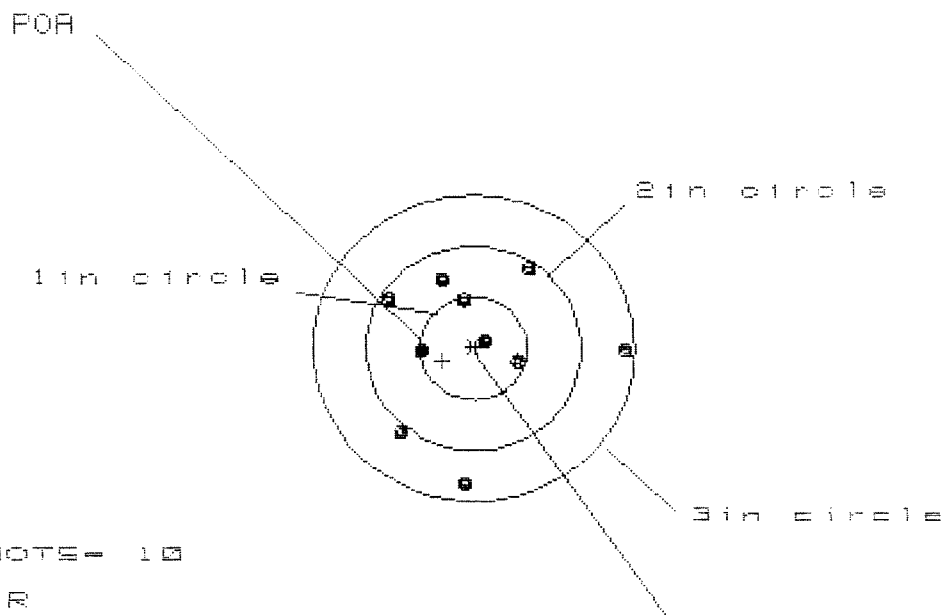
GS= 3.612

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.074	1.147	.990
MINIMUM X	:	-1.333	-1.260	-1.391
MAXIMUM Y	:	1.257	1.062	.682
MINIMUM Y	:	-1.757	-1.129	-.996
CENTROID X	:	-.167	-.240	-.083
CENTROID Y	:	-.101	.094	-.039
POA TO CENTROID in.	:	.195	.258	.091
MIN RADIUS	:	.234	.107	.218
MEAN RADIUS	:	1.029	.908	.818
MAX RADIUS	:	1.876	1.648	1.503
HORIZONTAL SPREAD	:	2.407	2.407	2.381
VERTICAL SPREAD	:	3.014	2.191	1.678
EXTREME SPREAD	:	3.612	2.932	2.610
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225546

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 2.173

VS = 2.118

GS = 2.220

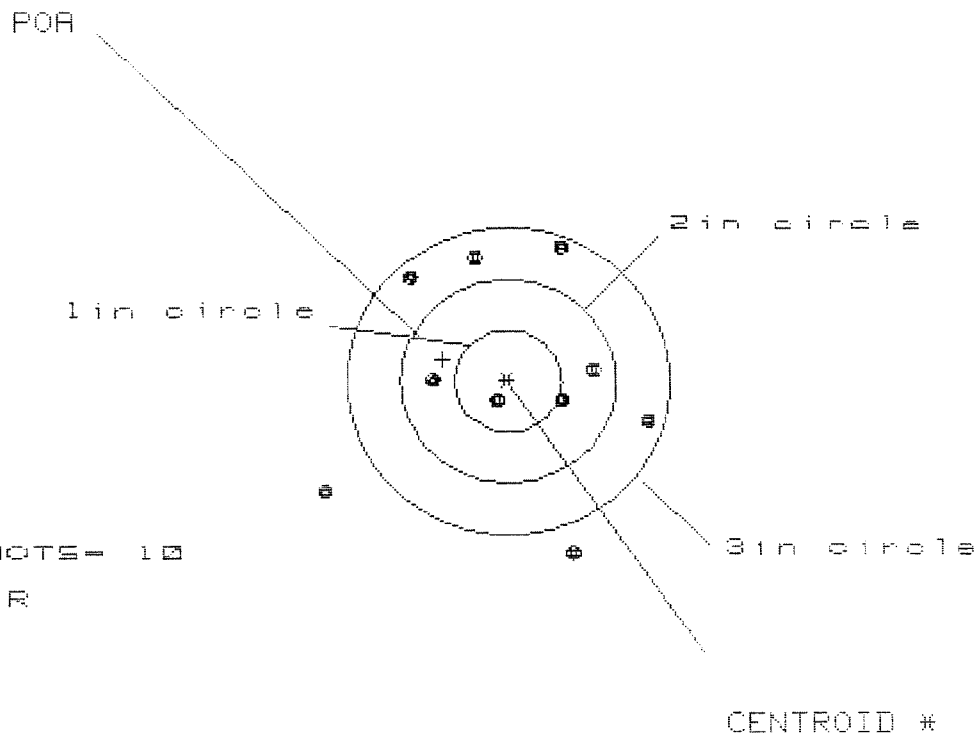
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.389	.710	.718
MINIMUM X	:	-.784	-.630	-.622
MAXIMUM Y	:	.762	.760	.590
MINIMUM Y	:	-1.356	-1.358	-.957
CENTROID X	:	.291	.137	.129
CENTROID Y	:	.122	.124	.294
POA TO CENTROID in.	:	.316	.185	.321
MIN RADIUS	:	.121	.255	.264
MEAN RADIUS	:	.792	.718	.606
MAX RADIUS	:	1.389	1.359	1.078
HORIZONTAL SPREAD	:	2.173	1.340	1.340
VERTICAL SPREAD	:	2.118	2.118	1.547
EXTREME SPREAD	:	2.220	2.215	1.967
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225546

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.006

VS= 2.977

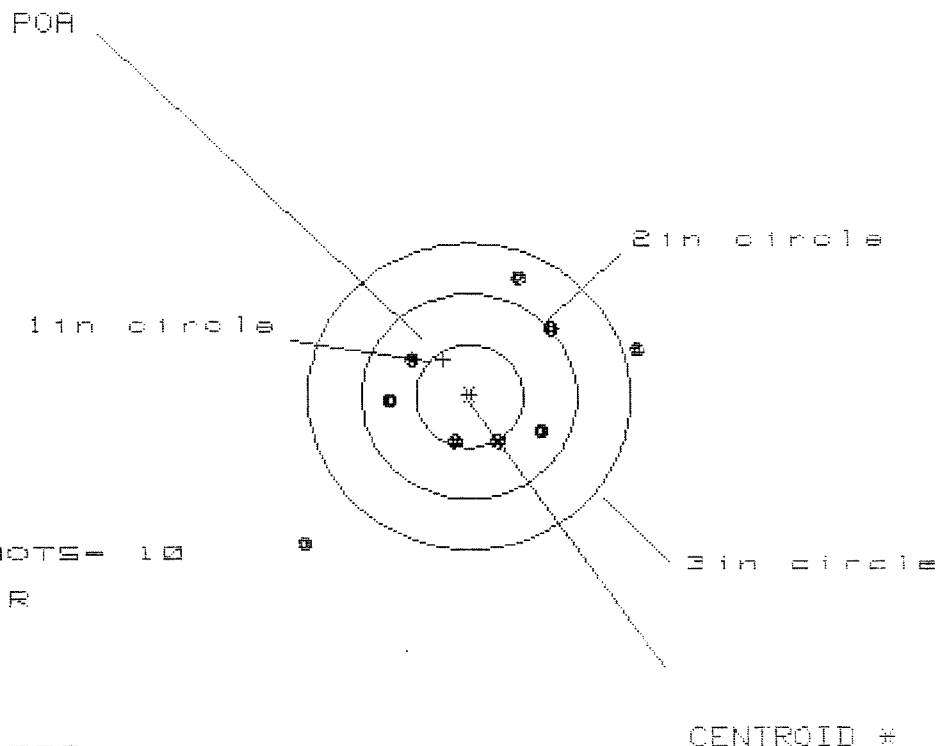
GS= 3.141

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.343	1.158	1.206
MINIMUM X	-1.663	-1.071	-1.023
MAXIMUM Y	1.274	1.158	.930
MINIMUM Y	-1.703	-1.819	-.775
CENTROID X	.605	.790	.742
CENTROID Y	-.216	-.100	.128
POA TO CENTROID in.	.643	.796	.753
MIN RADIUS	.245	.428	.616
MEAN RADIUS	1.147	1.041	.942
MAX RADIUS	1.968	1.860	1.434
HORIZONTAL SPREAD	3.006	2.229	2.229
VERTICAL SPREAD	2.977	2.977	1.705
EXTREME SPREAD	3.141	3.059	2.631
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

2 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225546

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.076

VS= 2.570

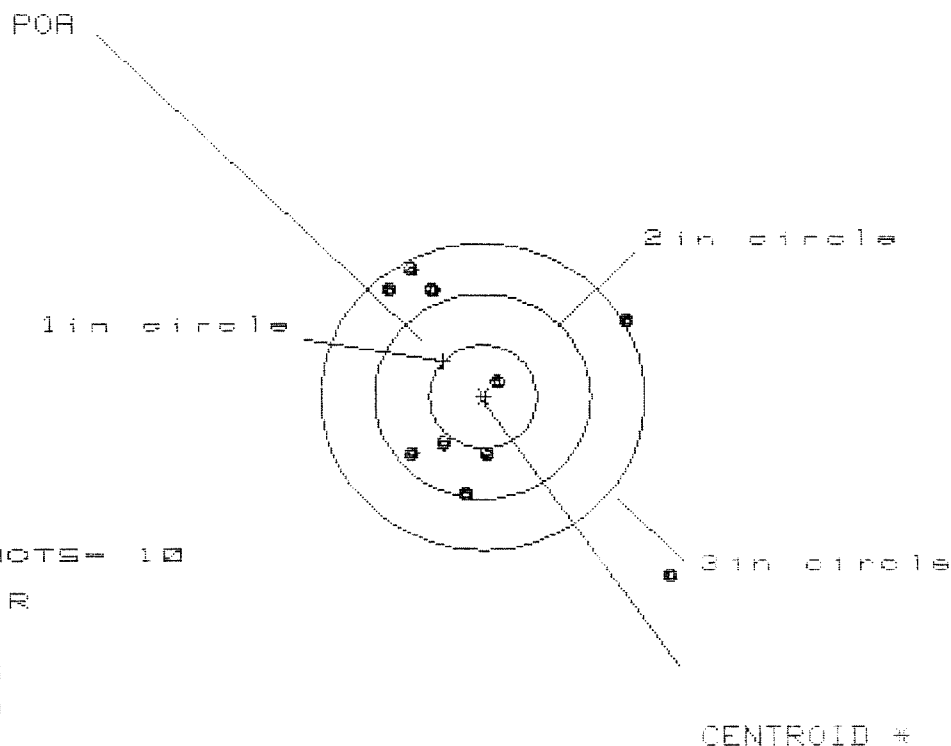
GS= 3.612

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.583	1.417	.782
MINIMUM X	:	-1.493	-.945	-.768
MAXIMUM Y	:	1.163	1.007	1.048
MINIMUM Y	:	-1.407	-.557	-.516
CENTROID X	:	.240	.406	.229
CENTROID Y	:	-.361	-.205	-.246
POA TO CENTROID in.	:	.433	.455	.336
MIN RADIUS	:	.439	.574	.541
MEAN RADIUS	:	.980	.871	.769
MAX RADIUS	:	2.052	1.455	1.155
HORIZONTAL SPREAD	:	3.076	2.362	1.550
VERTICAL SPREAD	:	2.570	1.564	1.564
EXTREME SPREAD	:	3.612	2.430	1.768
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

2 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225546

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.580

VS= 3.002

GS= 3.864

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.754	1.483	.589
MINIMUM X	:	-.826	-.631	-.446
MAXIMUM Y	:	1.211	1.012	1.082
MINIMUM Y	:	-1.791	-1.124	-1.054
CENTROID X	:	.368	.173	-.012
CENTROID Y	:	-.346	-.147	-.217
POA TO CENTROID in.	:	.505	.228	.218
MIN RADIUS	:	.213	.325	.511
MEAN RADIUS	:	1.099	.933	.838
MAX RADIUS	:	2.506	1.585	1.108
HORIZONTAL SPREAD	:	2.580	2.114	.955
VERTICAL SPREAD	:	3.002	2.136	2.136
EXTREME SPREAD	:	3.864	2.371	2.176
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

RC 55

M-24

BJ 3/89

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225546

OP. #	OP. NAME	READINGS	DATE	INIT
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	4 3/4	4 1/2	4 3/4			4/27/90	WB
	G) Safety Off Force	2	2	2			4/27/90	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.0215	.021			4/27/90	WB
	J) Assemble Stock							
	K) Assemble Swivel Studs						4/27/90	WB
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2-23-90	AC
	A) Time						2-23-90	AC
	B) Malfunctions						2-23-90	AC
	C) Pierced Primers						2-23-90	AC
	D) Optical Clarity of Scope						2-23-90	AC
645	Inspect for Live Ammo						2-23-90	AC
655	Final Inspection A) Headspace						4/27/90	WB
	B) Trigger Pull	2.10	2.12	2.10	2.11	2.14	4/27/90	WB
	C) Function						4/27/90	WB
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225546
23 Feb 1990

CENTROIDAL DISTANCES

Ø TO	1	.185158
1 TO	2	.336007
1 TO	3	.448884
1 TO	4	.106254
1 TO	5	.115974

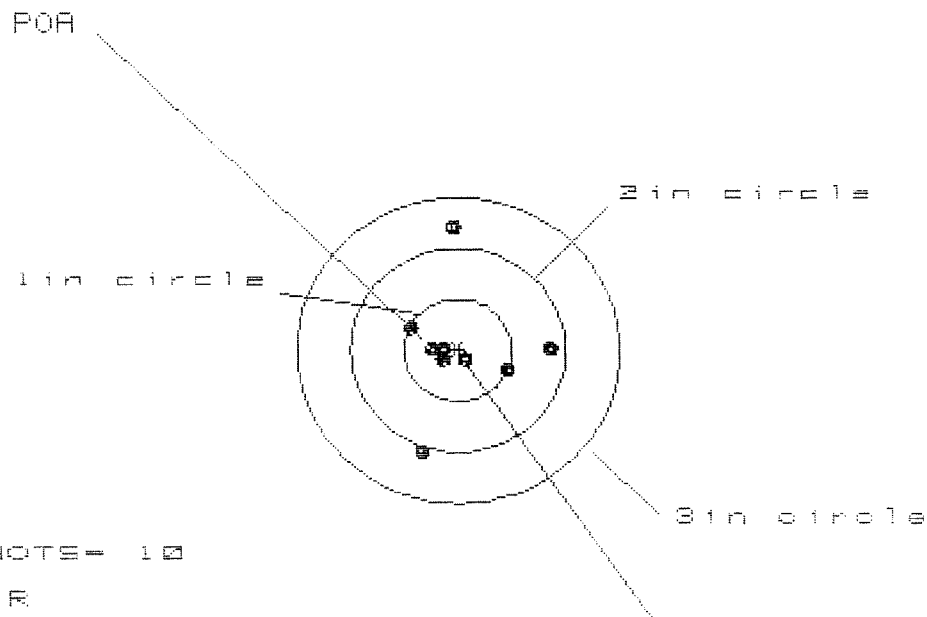
$\frac{5}{34}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0078
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0352
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0360538
THE AMR FOR THIS RIFLE IS: .8198

23 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6225546

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 7

2in = 8

3in = 10

HS= 1.272

VS= 2.200

GS= 2.215

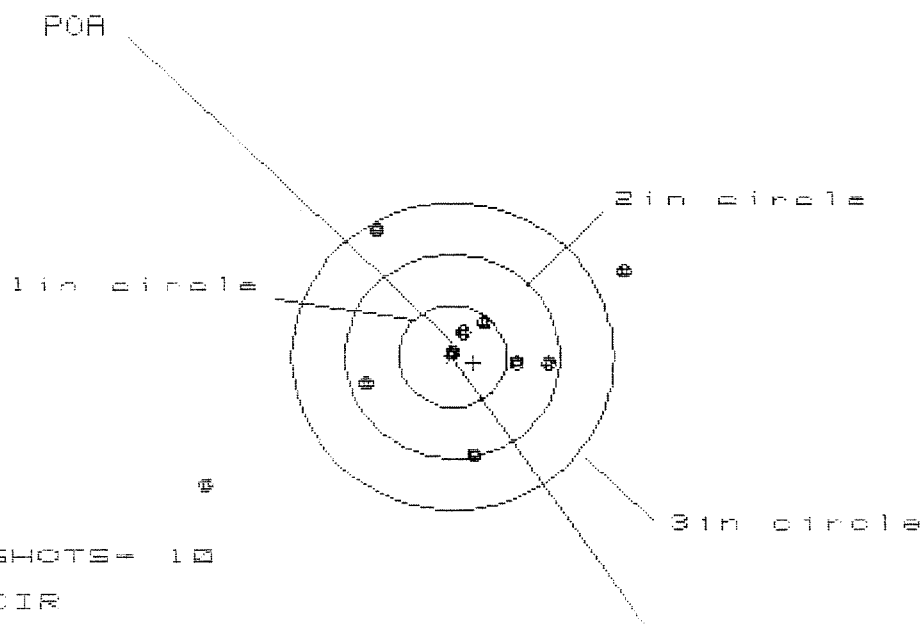
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.827	.817	.773
MINIMUM X	:	-.445	-.455	-.499
MAXIMUM Y	:	1.219	.320	.214
MINIMUM Y	:	-.981	-.845	-.132
CENTROID X	:	.141	.151	.195
CENTROID Y	:	.086	-.050	.056
POA TO CENTROID in.	:	.165	.159	.203
MIN RADIUS	:	.125	.091	.066
MEAN RADIUS	:	.488	.396	.323
MAX RADIUS	:	1.222	.917	.777
HORIZONTAL SPREAD	:	1.272	1.272	1.272
VERTICAL SPREAD	:	2.200	1.165	.346
EXTREME SPREAD	:	2.215	1.560	1.279
NUMBER IN ONE INCH CIRCLE =			7	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

23 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8225546

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 3.984

VS= 2.533

GS= 4.536

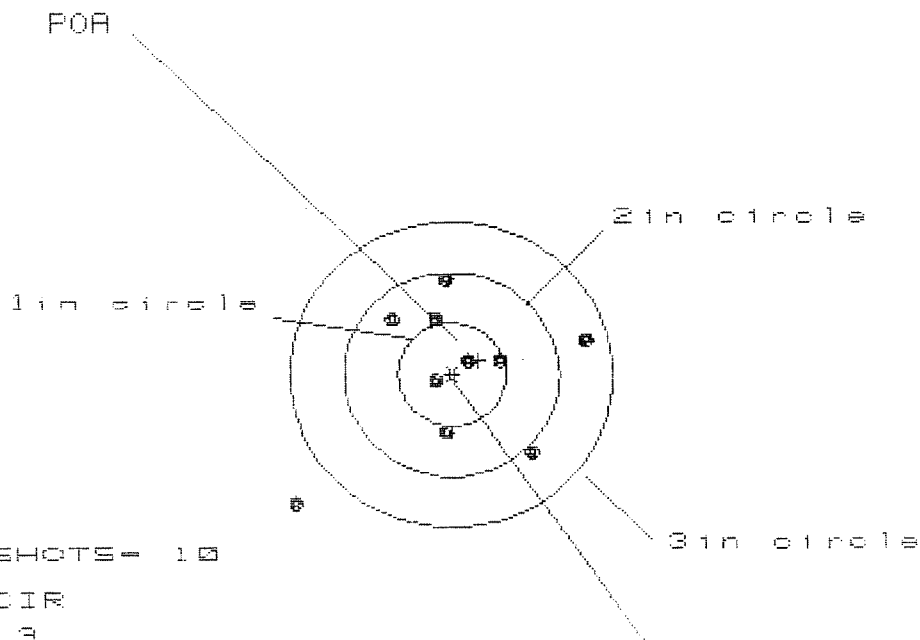
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.636	1.375	.834
MINIMUM X	:	-2.348	-1.065	-.393
MAXIMUM Y	:	1.230	1.085	1.175
MINIMUM Y	:	-1.303	-1.101	-1.011
CENTROID X	:	-.194	.067	-.105
CENTROID Y	:	.060	.205	.115
POA TO CENTROID in.	:	.203	.215	.156
MIN RADIUS	:	.047	.131	.104
MEAN RADIUS	:	1.003	.769	.668
MAX RADIUS	:	2.685	1.553	1.401
HORIZONTAL SPREAD	:	3.984	2.440	1.727
VERTICAL SPREAD	:	2.533	2.186	2.186
EXTREME SPREAD	:	4.536	2.687	2.369
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

23 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08225546

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.726

VS= 2.131

GS= 3.174

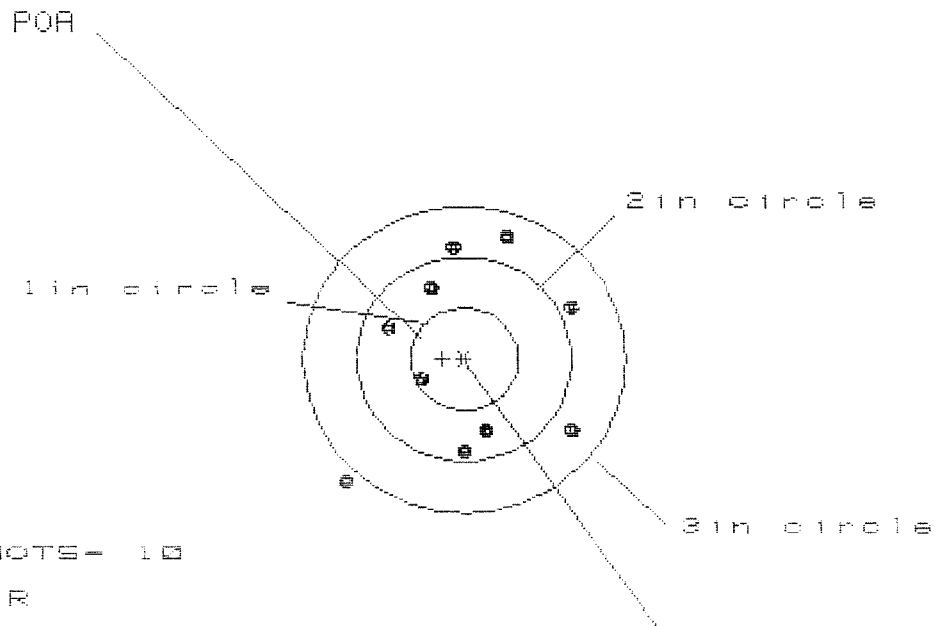
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.228	1.061	.678
MINIMUM X	:	-1.498	-.673	-.540
MAXIMUM Y	:	.891	.753	.784
MINIMUM Y	:	-1.240	-.851	-.820
CENTROID X	:	-.248	-.081	-.214
CENTROID Y	:	-.138	-.000	-.031
POA TO CENTROID in.	:	.284	.081	.216
MIN RADIUS	:	.143	.075	.067
MEAN RADIUS	:	.780	.632	.557
MAX RADIUS	:	1.945	1.090	1.064
HORIZONTAL SPREAD	:	2.726	1.734	1.218
VERTICAL SPREAD	:	2.131	1.604	1.604
EXTREME SPREAD	:	3.174	1.773	1.773
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

23 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6225548

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.145

VS= 2.342

GS= 2.783

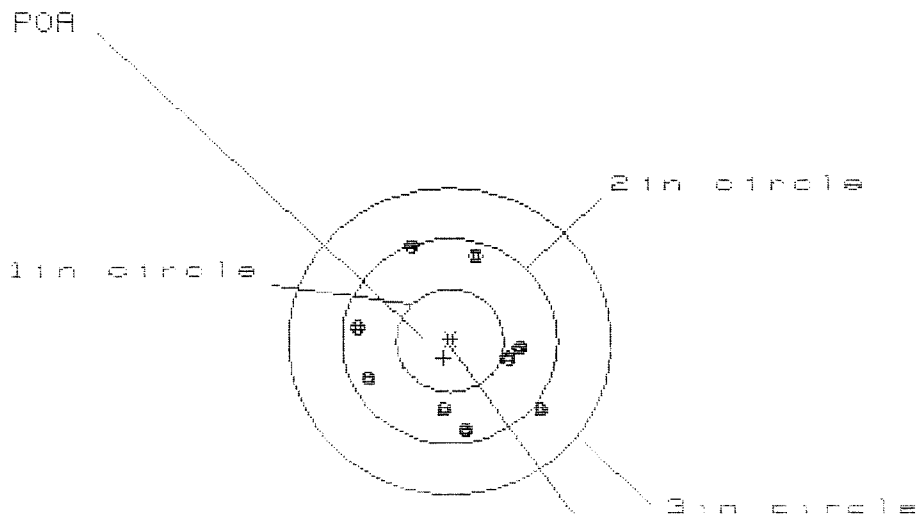
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	.902	.997
MINIMUM X	-1.119	-.828	-.715
MAXIMUM Y	1.160	1.029	.923
MINIMUM Y	-1.182	-1.061	-1.167
CENTROID X	.202	.327	.214
CENTROID Y	-.001	.130	.236
POA TO CENTROID in.	.203	.352	.319
MIN RADIUS	.452	.628	.548
MEAN RADIUS	.996	.926	.863
MAX RADIUS	1.627	1.240	1.167
HORIZONTAL SPREAD	2.145	1.730	1.712
VERTICAL SPREAD	2.342	2.090	2.090
EXTREME SPREAD	2.783	2.156	2.125
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

23 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08225546

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 0

2in = 9

3in = 10

HS = 1.673

VS = 1.824

GS = 1.999

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.847	.723	.699
MINIMUM X	-.826	-.732	-.765
MAXIMUM Y	.930	.858	.943
MINIMUM Y	-.894	-.966	-.859
CENTROID X	.060	-.034	-.001
CENTROID Y	.169	.241	.134
FOR TO CENTROID in.	.179	.244	.134
MIN RADIUS	.565	.680	.586
MEAN RADIUS	.832	.806	.780
MAX RADIUS	1.068	.987	1.003
HORIZONTAL SPREAD	1.673	1.455	1.455
VERTICAL SPREAD	1.824	1.824	1.802
EXTREME SPREAD	1.999	1.883	1.873
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

SUBJECT: WARRANTY REPAIR

DATE:

30 JAN 90

TYPE EQUIPMENT RIFLE

MAKE: Remington

MODEL: M 24

SERIAL NUMBER: C 6 22 5 546

DATE OF PURCHASE:

PERSON CONTACTED OR RA NUMBER:

EQUIPMENT PROBLEMS: Re Ferbish Barrel
CHECK Trigger

POINT OF CONTACT {FORT BENNING, GEORGIA} AND PHONE NUMBER:

George Richards
Mr. COKEA [404] 545-2865/3201

NOTE: ANY WORK NOT COVERED BY THE WARRANTY WILL NOT BE REIMBURSED WITHOUT
PRIOR AUTHORIZATION FROM THE PROCUREMENT DIVISION AT FORT BENNING, GEORGIA

WHEN REPAIR IS COMPLETED, PLEASE RETURN TO:

MAINTENANCE DIVISION, USAIC
ATTN: ATZB-HOM-Q
BUILDING 228
FORT BENNING, GEORGIA 31905-5174

BJ

3/89

INSPECTION AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-11802

CUSTOMER ORDER NO.

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/24/97

06/24/97

C6225546

700 7.62

NATO

ACCESSORIES

FROM:

SHIP TO:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

CUST NO: 161641 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

76003

Repeater Coat Trigger Guard Assy,
Front & Rear Sight Bases

Rezin Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

JW

6-27-97

8-15-97

8-20-97

8-20-97

OFFICE COPY

RD6025 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400051215

21 DAY TURN - AROUND

New Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225546*

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>6-27-97</i>	<i>[Signature]</i>
605	CHECK HEADSPACE	<i>6-27-97</i>	<i>[Signature]</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>8-18-97</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>8-20-97</i>	<i>[Signature]</i>
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C625546

DATE REC'D: 6-24-97

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☒ Mounting Base☒ Screws☐ Finish☐ Looseness☐ CLARITY

Item:

Stock Assy.

☒ Stock☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225546
20 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0162$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.0012$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.0162444$

THE AMR FOR THIS RIFLE IS: $.9082$

CENTROIDAL DISTANCES

0 TO 1	.134629
1 TO 2	.241878
1 TO 3	.0292062
1 TO 4	.165024
1 TO 5	.367327

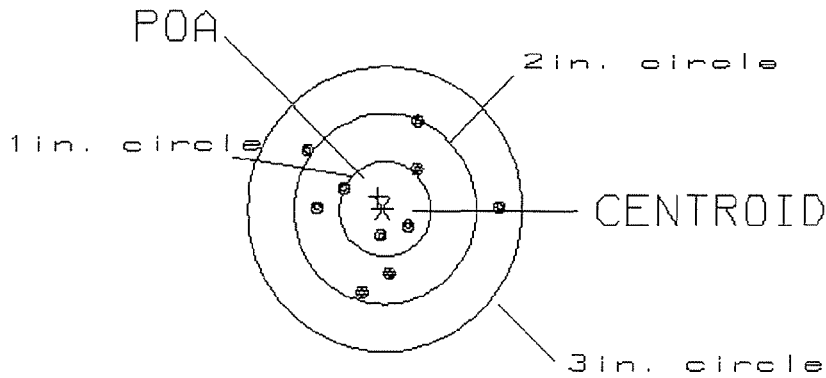
5
24
B <----POA

PATTERN #: 1
 POA TO CENTROID: .134
 MIN RADIUS : .329
 MEAN RADIUS : .730
 MAX RADIUS : 1.243
 CENTROID X : .050
 CENTROID Y : -.125

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225546

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.08
 VS= 1.75
 GS= 2.16

2
 6
 10

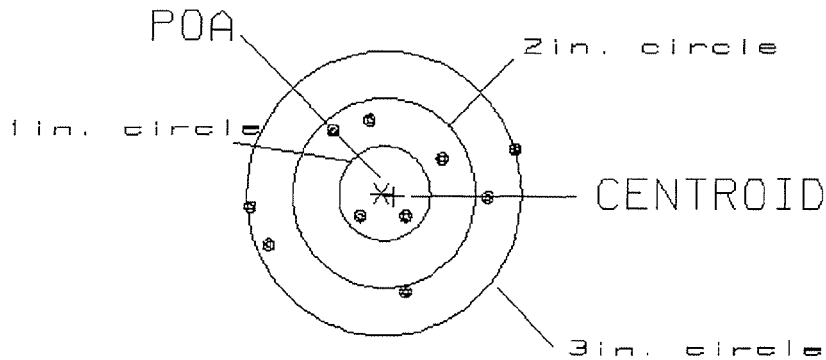
PATTERN-#: 2

POA TO CENTROID: .138
 MIN RADIUS : .282
 MEAN RADIUS : .953
 MAX RADIUS : 1.501
 CENTROID X : -.134
 CENTROID Y : .032

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225546

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.88
 VS= 1.79
 GS= 2.95

2
 5
 9

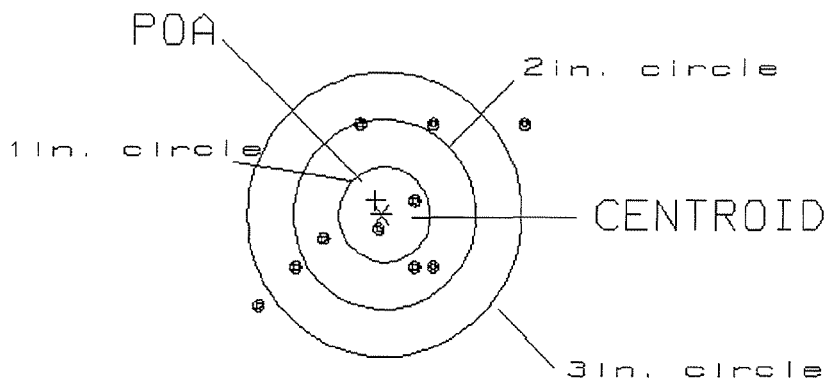
PATTERN #: 3

POA TO CENTROID: .163
 MIN RADIUS : .138
 MEAN RADIUS : .929
 MAX RADIUS : 1.750
 CENTROID X : .068
 CENTROID Y : -.148

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225546

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.85
 US= 1.92
 GS= 3.40

2
 6
 8

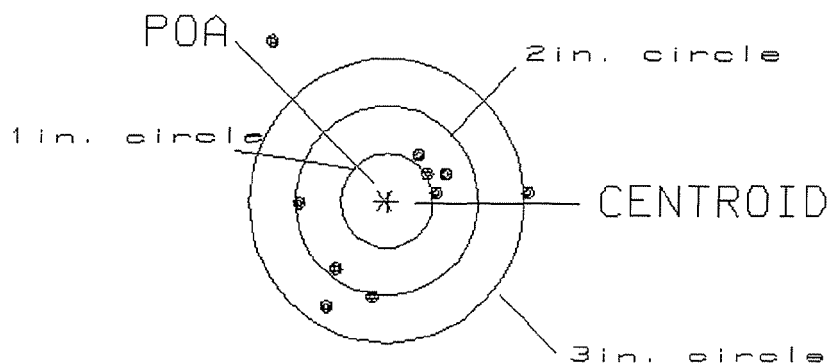
PATTERN #: 4

POA TO CENTROID: .044
 MIN RADIUS : .512
 MEAN RADIUS : 1.009
 MAX RADIUS : 2.092
 CENTROID X : -.042
 CENTROID Y : .012

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225546

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.82

0

VS= 2.75

7

GS= 3.23

8

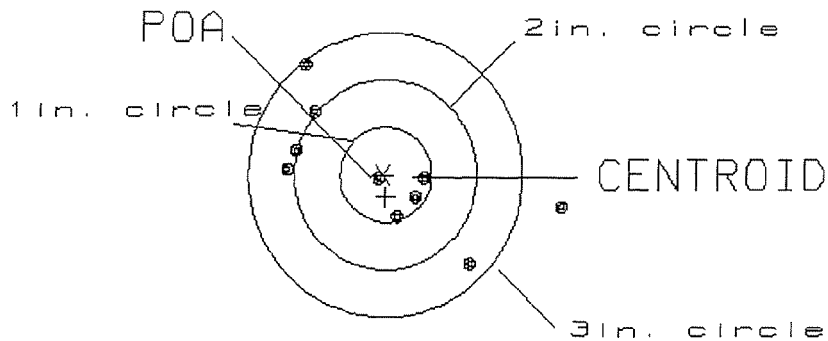
PATTERN #: 5

POA TO CENTROID: .236
 MIN RADIUS : .075
 MEAN RADIUS : .920
 MAX RADIUS : 1.946
 CENTROID X : -.023
 CENTROID Y : .235

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225546

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.03
 VS= 2.09
 GS= 3.14

4
 5
 9