

G6300580
Replace
C-6225401

nagletj	10/22/2003	2:40 PM	CAPS	NUM	INS	SCPL
start	Trilogix - Uniresoft	Cabrera - Mago	Arms Services R...	2:40 PM		

G 6300 580 New

Serial Number: **C6225401**

Model: 700



RE00071846

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300580.___0
FILE DATE AND TIME: 11/18/2003 07:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.030
The Average Mean Radius of the Five Target Set:	0.690
The Distance from POA to Centroid Target #1:	0.200
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.224
The Distance from Centroid Target #4 to Centroid Target #1:	0.375
The Distance from Centroid Target #5 to Centroid Target #1:	0.275

SERIAL NUMBER: G6300580. __0

TARGET NUMBER: 1

FILE DATE: 11/18/2003

FILE TIME: 07:25

POINT#	X	Y
1:	-0.177	1.749
2:	-0.955	0.484
3:	-2.183	-0.814
4:	0.407	1.263
5:	-0.429	-0.019
6:	-0.245	-0.384
7:	0.214	-0.012
8:	1.119	0.583
9:	0.583	-0.281
10:	1.082	-0.657

X CENTROID: -0.058

Y CENTROID: 0.191

POA TO CENTROID: 0.200

HORZ SPREAD: 3.302

VERT SPREAD: 2.563

GROUP SPREAD: 3.585

MIN RADIUS: 0.340

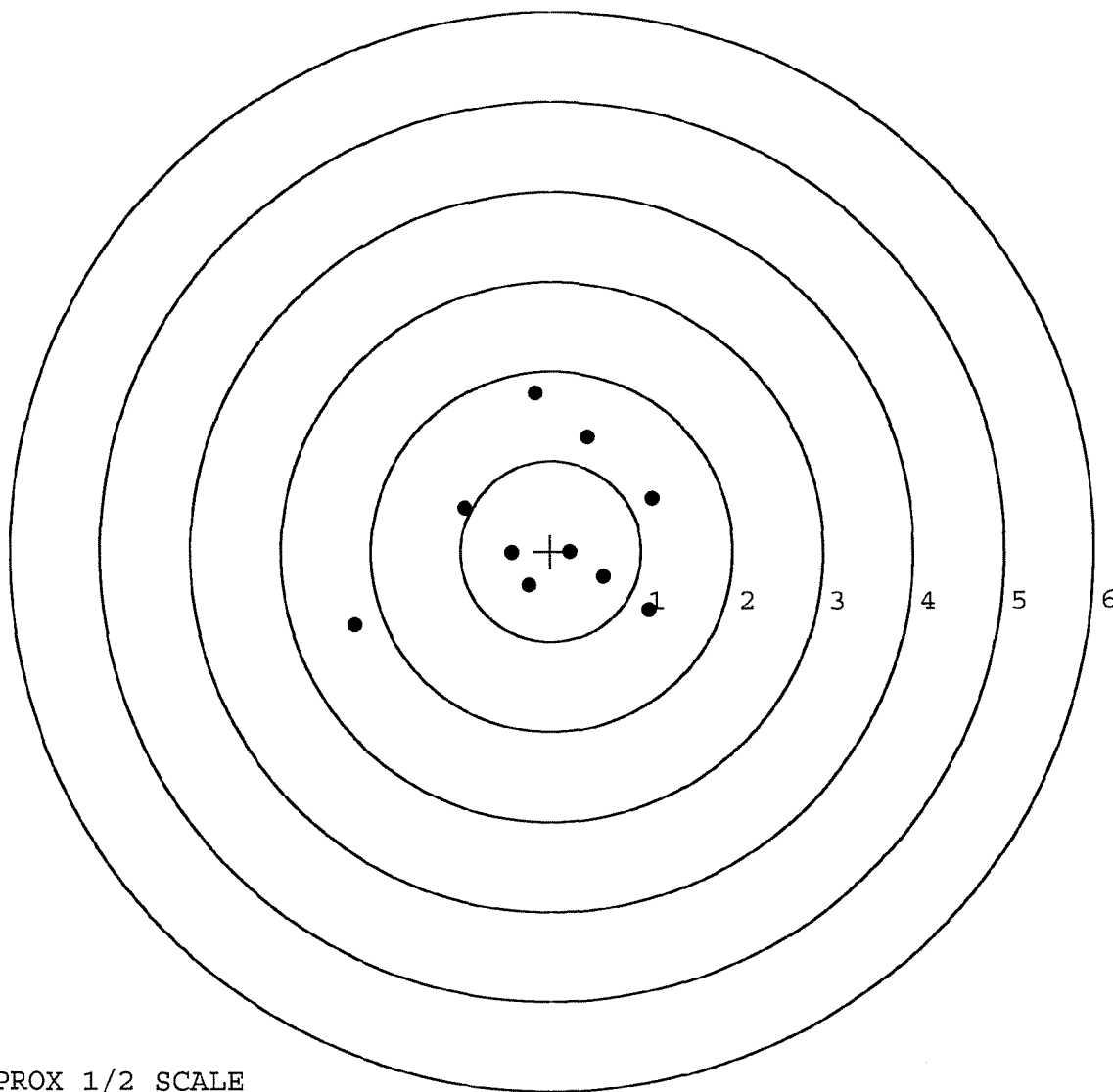
MAX RADIUS: 2.350

MEAN RADIUS: 1.085

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580. 0

TARGET NUMBER: 2

FILE DATE: 11/18/2003

FILE TIME: 07:25

X CENTROID: -0.105

Y CENTROID: 0.082

POA TO CENTROID: 0.133

HORZ SPREAD: 1.939

VERT SPREAD: 1.510

GROUP SPREAD: 2.082

MIN RADIUS: 0.072

MAX RADIUS: 1.450

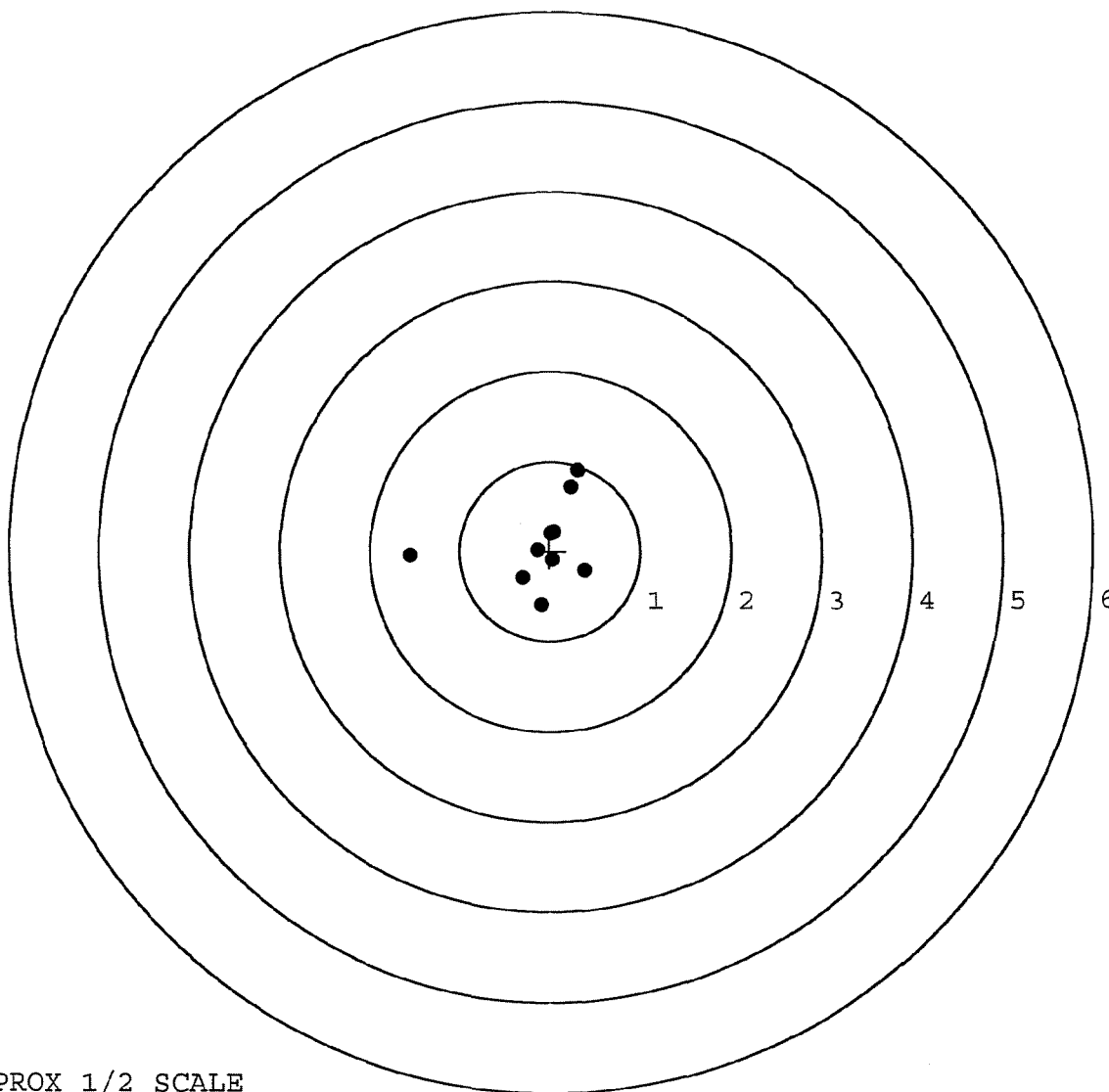
MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.551	-0.034
2:	-0.095	-0.606
3:	0.388	-0.208
4:	0.308	0.904
5:	0.239	0.718
6:	-0.136	0.017
7:	-0.301	-0.297
8:	0.015	0.203
9:	0.033	-0.096
10:	0.048	0.217



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580. 0

TARGET NUMBER: 3

FILE DATE: 11/18/2003

FILE TIME: 07:25

X CENTROID: 0.009

Y CENTROID: -0.022

POA TO CENTROID: 0.024

HORZ SPREAD: 0.865

VERT SPREAD: 1.660

GROUP SPREAD: 1.668

MIN RADIUS: 0.242

MAX RADIUS: 0.843

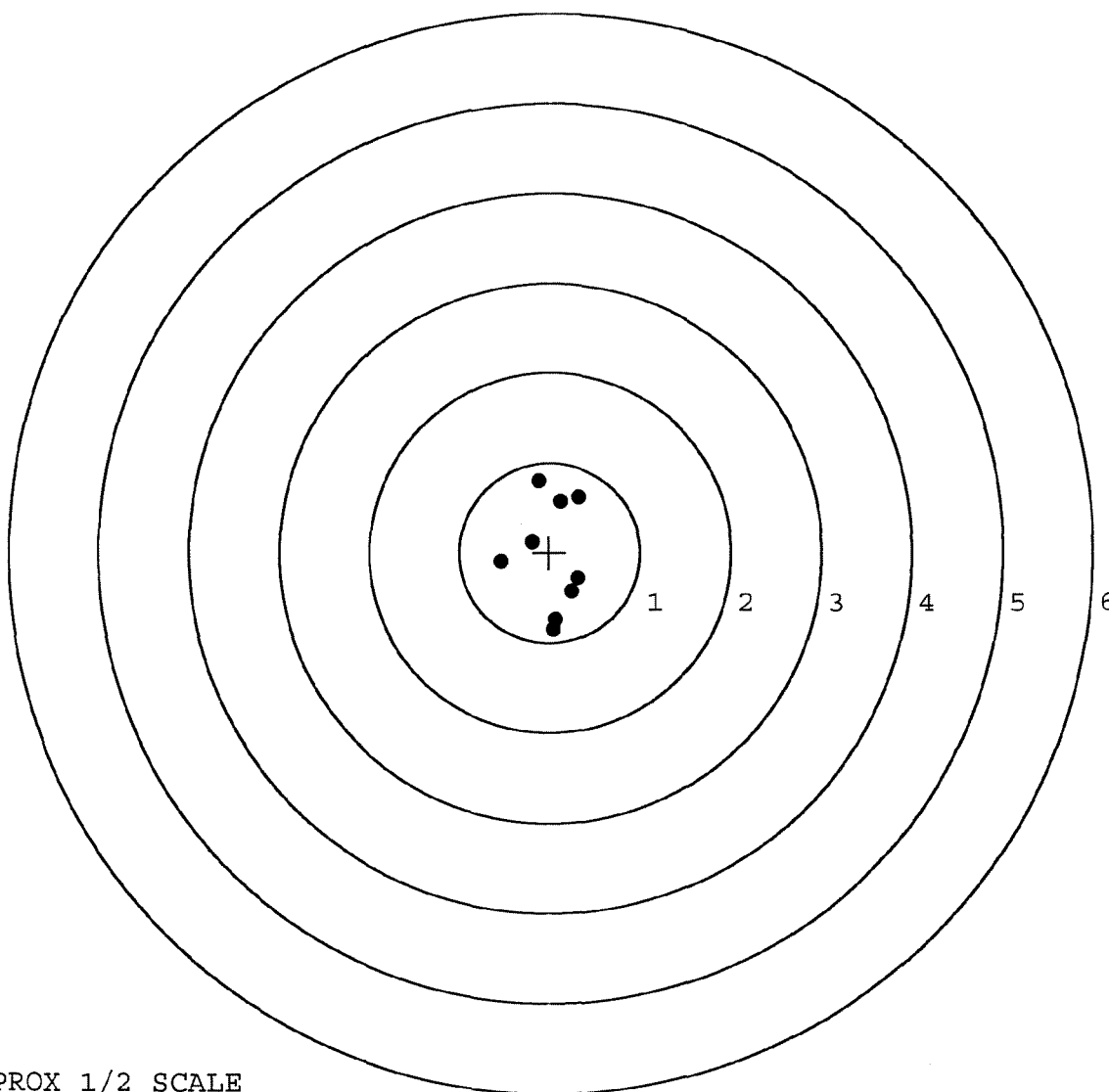
MEAN RADIUS: 0.565

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.125	0.795
2:	0.325	0.615
3:	0.122	0.573
4:	-0.187	0.124
5:	-0.540	-0.104
6:	0.317	-0.289
7:	0.040	-0.865
8:	0.073	-0.750
9:	0.252	-0.435
10:	-0.191	0.115



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580. 0

TARGET NUMBER: 4

FILE DATE: 11/18/2003

FILE TIME: 07:25

POINT#	X	Y
1:	0.427	0.047
2:	0.724	-0.387
3:	0.410	-0.498
4:	0.434	-0.416
5:	0.036	-0.612
6:	-0.963	-0.409
7:	-1.104	0.733
8:	-0.101	-0.176
9:	-0.290	0.037
10:	-0.453	-0.149

X CENTROID: -0.088

Y CENTROID: -0.183

POA TO CENTROID: 0.203

HORZ SPREAD: 1.828

VERT SPREAD: 1.345

GROUP SPREAD: 2.144

MIN RADIUS: 0.015

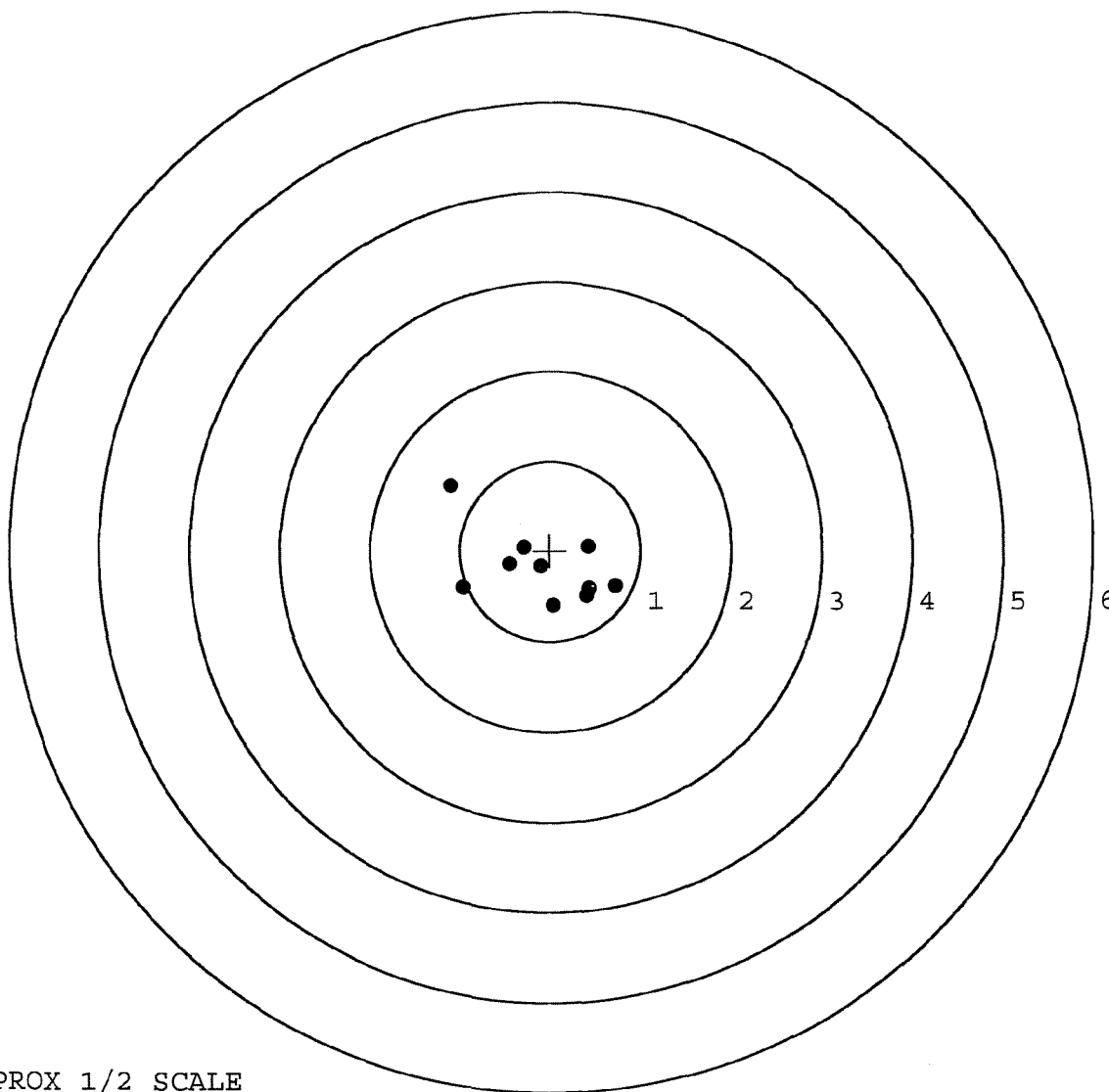
MAX RADIUS: 1.368

MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300580. __0

TARGET NUMBER: 5

FILE DATE: 11/18/2003

FILE TIME: 07:25

POINT#	X	Y
1:	-0.774	0.588
2:	-0.707	0.245
3:	-0.039	0.508
4:	0.467	0.535
5:	0.940	0.016
6:	0.273	0.019
7:	-0.132	-0.573
8:	0.057	-0.529
9:	0.306	-0.532
10:	0.576	-0.639

X CENTROID: 0.097

Y CENTROID: -0.036

POA TO CENTROID: 0.103

HORZ SPREAD: 1.714

VERT SPREAD: 1.227

GROUP SPREAD: 1.824

MIN RADIUS: 0.185

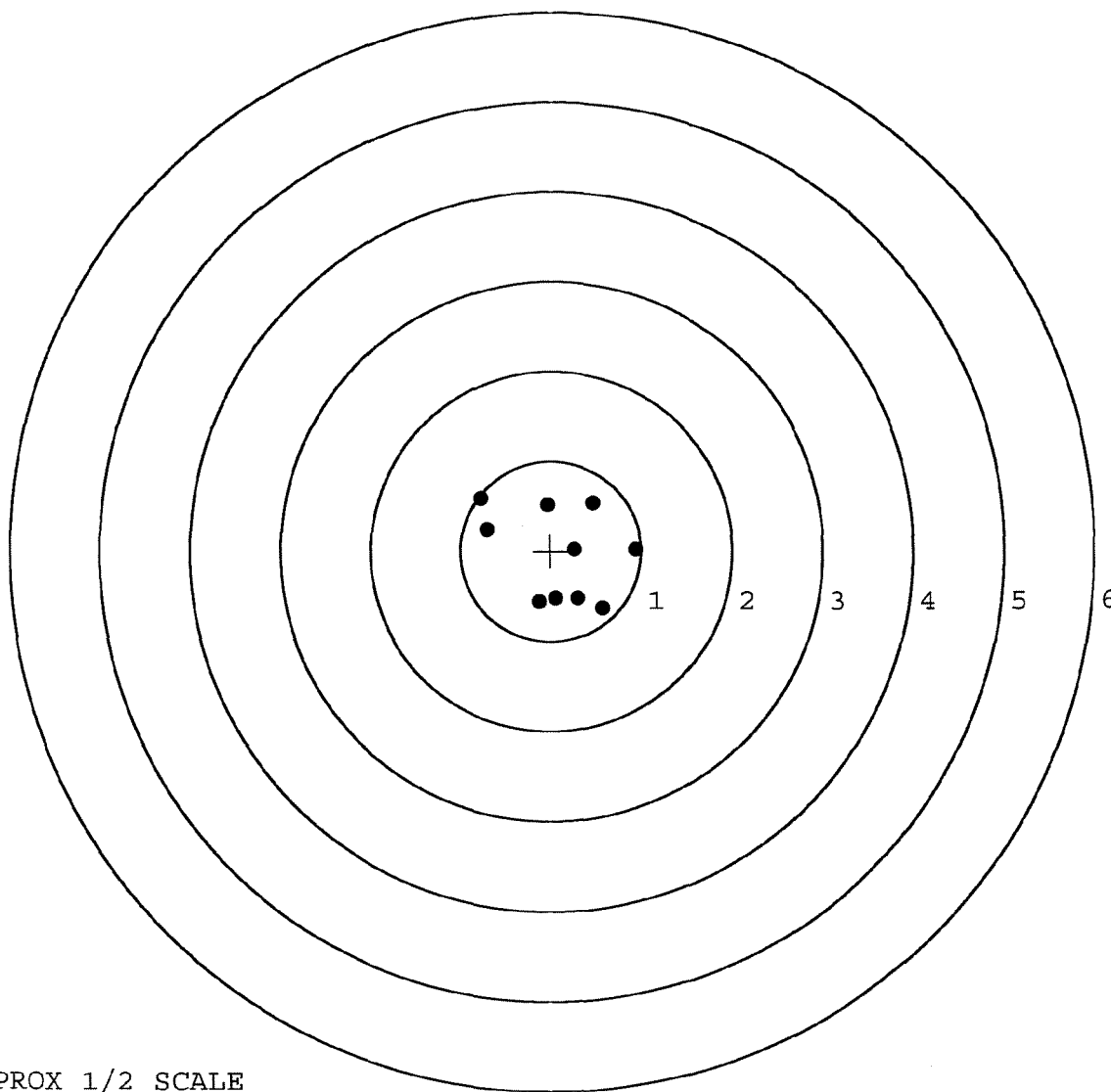
MAX RADIUS: 1.071

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0162496 CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	71846		
SERIAL NUMBER	C6223401 C62300580 (New)		
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	11-5-03	RTL
600	PROOF	11-5-03	AC
605	CHECK HEADSPACE	11-5-03	AC
610	DIS-ASSEMBLE GUN	11-6-03	RTL
612	MAGNAFLUX	11-7-03	83
615	ROLLMARK CALIBER	11/7/2003	Dons.
618	ROTO-BLAST	11-11	TA
620	APPLY COATINGS	11-17-03	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-18-03	AC
655	FINAL INSPECT	12-16-03	RTL
660	PACK	12/18/03	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®

MODEL 700™ M24

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.

REG. U.S. PAT. & T.M. OFF.

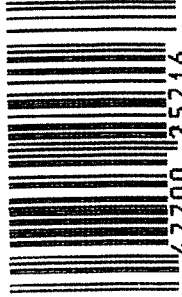
SERIAL NO.
C6225401

ORDER NO.
5716



5716 C6225401

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225401

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	8 8	RW
600	Proof	12 9	8 8	RW
607	Check Headspace	12 9	8 8	RW
610	Dis-assemble Gun	12 9	8 8	RW
612	Magnaflux Barrel Action		12/22/88	RPL.
	Magnaflux Bolt		1-3-89	RPL.
615	Rollmark Caliber		1/22/89	MSC
617	Drill and Tap Sight Holes	1 3	8 9	FB
618	Polish Barrel	12 9	8 8	WJD
620	Apply Coatings (Barrel Action)		1/16/89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		13 Feb 89	JS

op. #	BARBER - M24 0162499 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			14 Feb 89	JS
	G) Safety Off Force	3	3	3			14 Feb 89	JS
	H) Trigger Pull Test & Retainability						13 Feb 89	JS
	I) Firing Pin Indent	.020	.0205	.0205			14 Feb 89	JS
	J) Assemble Stock						2/16/89	JS
	K) Assemble Swivel Studs						20 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/16/89	JS
	M) Iron Sight Alignment						2/16/89	JS
	N) Detach Front & Rear Sights & place in numbered container						2/16/89	JS
	O) Attach Scope to Rifle						16 Feb 89	JS
	P) Detach & Attach Scope 20 Times						16 Feb 89	JS
640	Gallery Target & Test	81 R	70L				17 Feb 89	AK
	A) Time						"	AK
	B) Malfunctions				NONE		"	AK
	C) Pierced Primers				NONE		"	AK
	D) Optical Clarity of Scope				OK		"	AK
645	Inspect for Live Ammo				NONE		17 Feb 89	AK
655	Final Inspection A) Headspace						20 Feb 89	JS
	B) Trigger Pull	2.48	2.52	2.44	2.42	2.39	20 Feb 89	JS
	C) Function						20 Feb 89	JS
660	Pack						23 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225401

DATE 13 Feb 88

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.54	2.41	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.33	2.33	2.52	
PULL #3	2.34	2.30	2.31	2.44	
PULL #4	2.46	2.34	2.38	2.42	
PULL #5	2.47	2.32	2.41	2.39	
TOTAL	12.04	11.83	11.90	12.25	
AVG.	2.408	2.366	2.38	2.45	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.20		
PULL #2	3.24	3.24		
PULL #3	3.27	3.21		
PULL #4	3.23	3.23		
PULL #5	3.25	3.25		
TOTAL	16.26	16.13		
AVG.	3.252	3.226		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.15		4.18
PULL #2	4.26	4.08		4.15
PULL #3	4.25	4.22		4.17
PULL #4	4.30	4.24		4.20
PULL #5	4.24	4.12		3.99
TOTAL	21.37	20.81		20.69
AVG.	4.274	4.162		4.138

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225401
22 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.949482
1 TO	2	1.20338
1 TO	3	.770229
1 TO	4	1.82918
1 TO	5	.806675

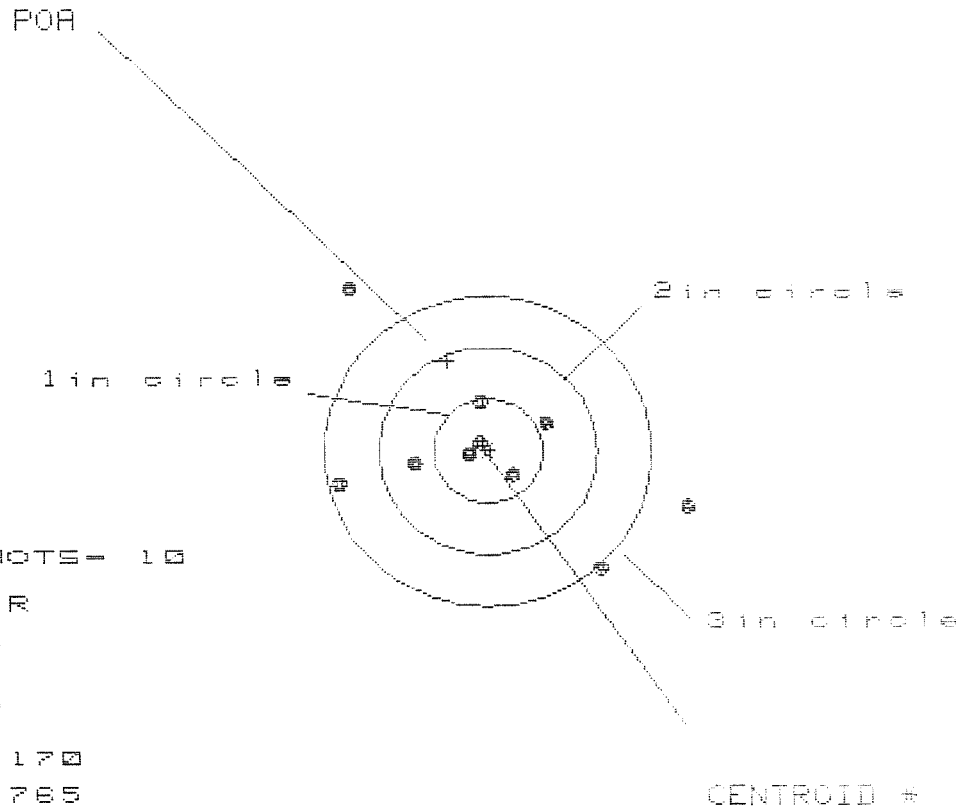
4
2
15 <----POA
3
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1502
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0322
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153613
THE AMR FOR THIS RIFLE IS: .9144

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225401

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 3.170

VS= 2.765

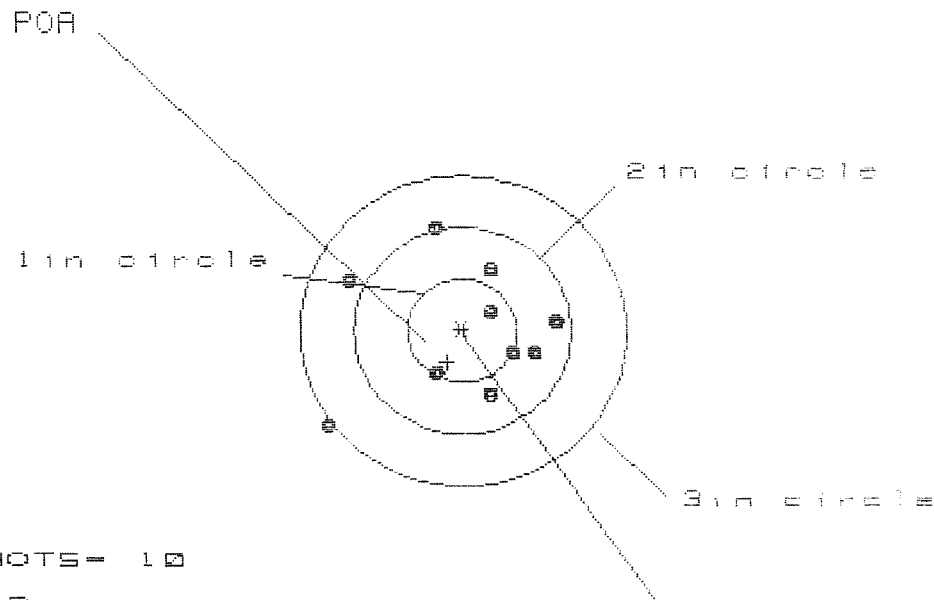
GS= 3.792

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.836	1.693	1.122
MINIMUM X	-1.334	-1.477	-1.266
MAXIMUM Y	1.593	.666	.618
MINIMUM Y	-1.172	-.995	-1.043
CENTROID X	.371	.514	.303
CENTROID Y	-.874	-1.051	-1.003
POA TO CENTROID in.	.949	1.170	1.048
MIN RADIUS	.058	.105	.123
MEAN RADIUS	.926	.827	.672
MAX RADIUS	2.049	1.734	1.532
HORIZONTAL SPREAD	3.170	3.170	2.388
VERTICAL SPREAD	2.765	1.661	1.661
EXTREME SPREAD	3.792	3.178	2.534
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225401

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 8

HS= 2.048

VS= 1.884

GS= 2.277

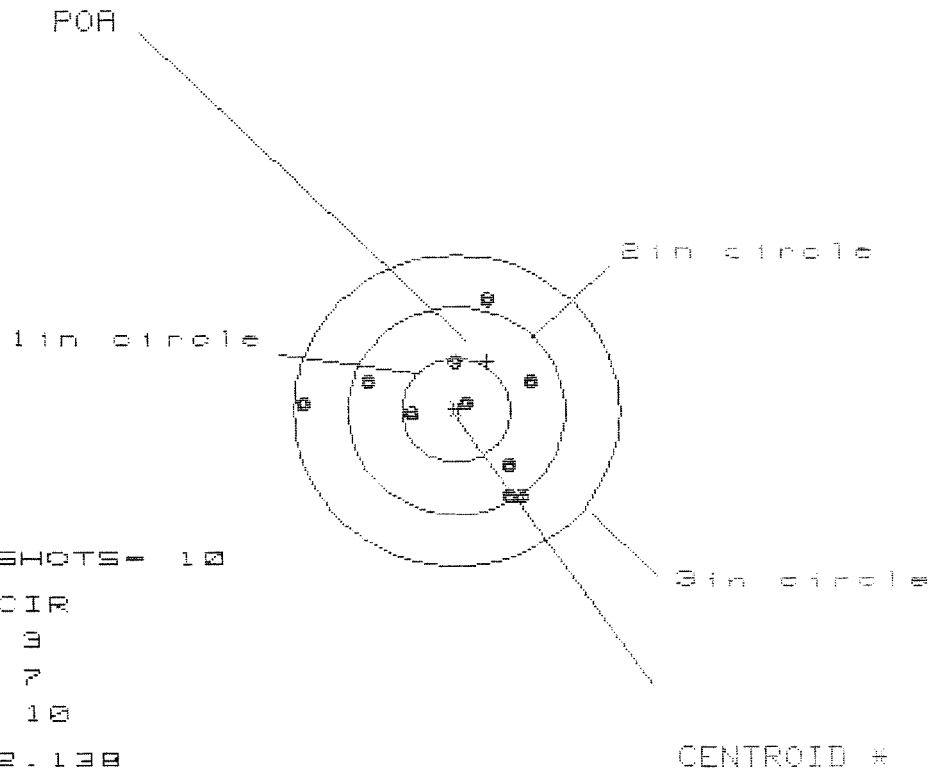
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.857	.724	.574
MINIMUM X	:	-1.191	-1.199	-.566
MAXIMUM Y	:	.954	.850	.904
MINIMUM Y	:	-.930	-.752	-.698
CENTROID X	:	.140	.273	.423
CENTROID Y	:	.307	.411	.357
POA TO CENTROID in.	:	.338	.493	.553
MIN RADIUS	:	.358	.192	.140
MEAN RADIUS	:	.792	.678	.563
MAX RADIUS	:	1.512	1.273	1.035
HORIZONTAL SPREAD	:	2.048	1.923	1.140
VERTICAL SPREAD	:	1.884	1.602	1.602
EXTREME SPREAD	:	2.277	1.979	1.676
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225401

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.138

VS= 1.905

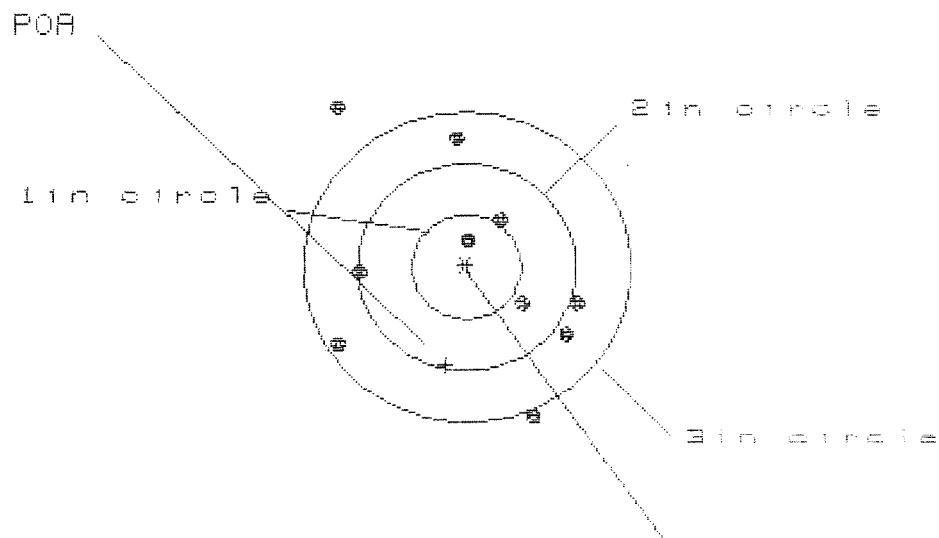
GS= 2.209

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.732	.575	.589
MINIMUM X	:	-1.406	-.944	-.930
MAXIMUM Y	:	1.054	1.066	.593
MINIMUM Y	:	-.851	-.839	-.706
CENTROID X	:	-.286	-.129	-.143
CENTROID Y	:	-.472	-.484	-.617
POA TO CENTROID in.	:	.551	.501	.633
MIN RADIUS	:	.141	.156	.275
MEAN RADIUS	:	.790	.713	.671
MAX RADIUS	:	1.411	1.071	1.034
HORIZONTAL SPREAD	:	2.138	1.519	1.519
VERTICAL SPREAD	:	1.905	1.905	1.299
EXTREME SPREAD	:	2.209	1.931	1.794
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225401

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.268

VS= 2.974

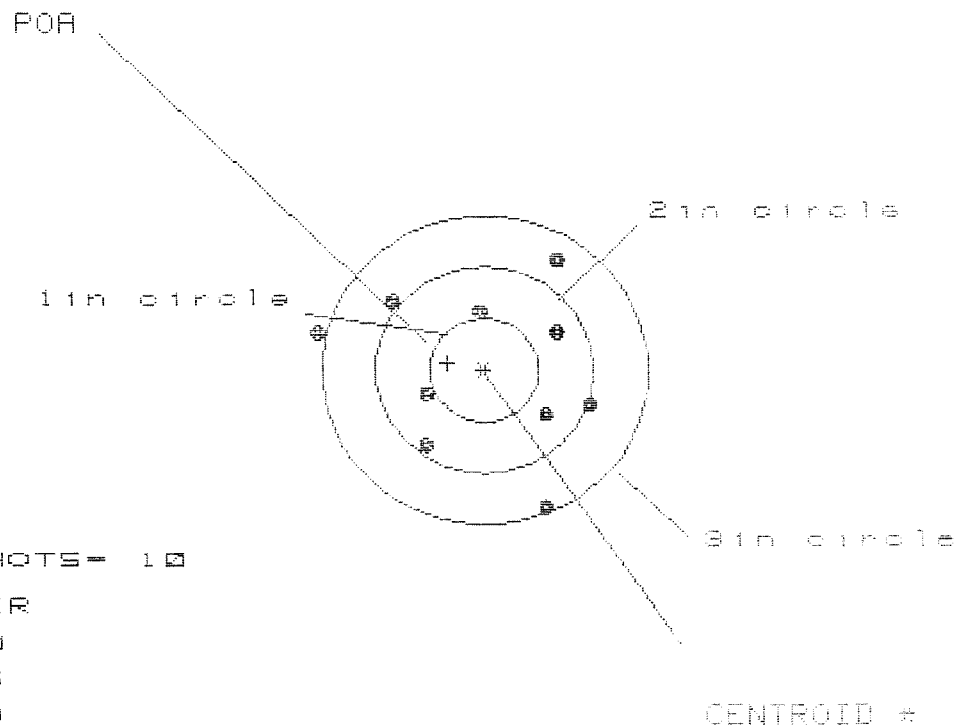
GS= 3.510

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	.981	.963
MINIMUM X	:	-1.230	-1.362	-1.300
MAXIMUM Y	:	1.565	1.406	1.252
MINIMUM Y	:	-1.489	-1.236	-1.744
CENTROID X	:	.188	.324	.262
CENTROID Y	:	.946	.773	.927
POA TO CENTROID in.	:	.965	.838	.963
MIN RADIUS	:	.271	.399	.288
MEAN RADIUS	:	1.082	.966	.982
MAX RADIUS	:	1.991	1.484	1.498
HORIZONTAL SPREAD	:	2.268	2.263	2.263
VERTICAL SPREAD	:	2.974	2.642	1.996
EXTREME SPREAD	:	3.510	2.728	2.320
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225401

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.520

VS= 2.411

GS= 2.690

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.979	.808	.855
MINIMUM X	:	-1.541	-.972	-.925
MAXIMUM Y	:	1.099	1.143	.984
MINIMUM Y	:	-1.312	-1.268	-.857
CENTROID X	:	.338	.509	.462
CENTROID Y	:	-.068	-.112	.047
POA TO CENTROID in.	:	.344	.521	.465
MIN RADIUS	:	.525	.561	.431
MEAN RADIUS	:	.982	.900	.835
MAX RADIUS	:	1.589	1.321	1.119
HORIZONTAL SPREAD	:	2.520	1.780	1.780
VERTICAL SPREAD	:	2.411	2.411	1.841
EXTREME SPREAD	:	2.690	2.414	2.201
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225401
26 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.149897
1 TO	2	.662814
1 TO	3	.326719
1 TO	4	.362112
1 TO	5	.311026

fg^2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2856
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .309712
THE AMR FOR THIS RIFLE IS: .9462

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/G3825401

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.289

VS= 2.230

GS= 2.366

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.143	1.206	1.331
MINIMUM X	-1.146	-1.083	-0.958
MAXIMUM Y	1.311	1.098	0.804
MINIMUM Y	-0.919	-0.773	-0.636
CENTROID X	-0.038	-0.101	-0.226
CENTROID Y	-0.145	-0.291	-0.428
POA TO CENTROID in.	0.150	0.308	0.484
MIN RADIUS	0.207	0.074	0.186
MEAN RADIUS	0.955	0.865	0.768
MAX RADIUS	1.427	1.487	1.365
HORIZONTAL SPREAD	2.289	2.289	2.289
VERTICAL SPREAD	2.230	1.871	1.440
EXTREME SPREAD	2.366	2.331	2.289
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 10		

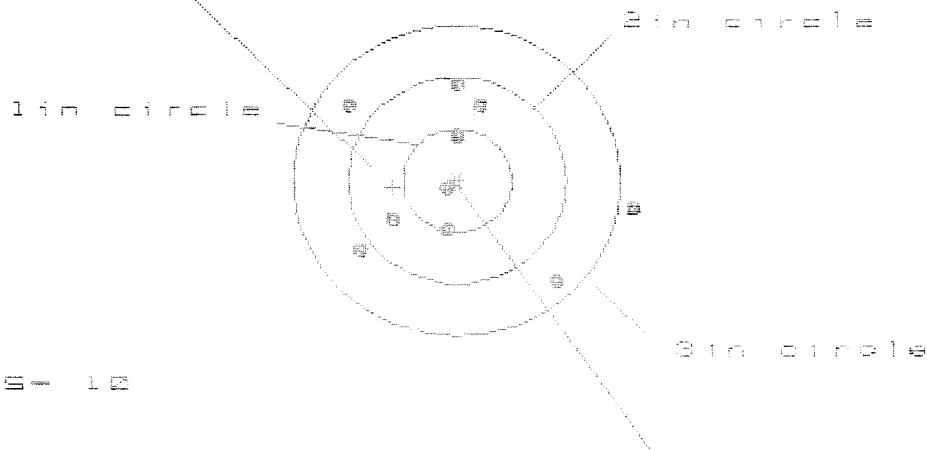
26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06225481

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.567

VS= 1.956

GS= 2.762

CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.601	1.048	.490
MINIMUM X	-.966	-.789	-.658
MAXIMUM Y	.946	.919	.789
MINIMUM Y	-1.010	-1.037	-.844
CENTROID X	.591	.414	.283
CENTROID Y	.064	.091	.221
POA TO CENTROID in.	.595	.424	.359
MIN RADIUS	.132	.171	.355
MEAN RADIUS	.869	.767	.684
MAX RADIUS	1.619	1.475	1.034
HORIZONTAL SPREAD	2.567	1.837	1.148
VERTICAL SPREAD	1.956	1.956	1.633
EXTREME SPREAD	2.762	2.563	1.868
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08225481

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 1.845

VS= 2.553

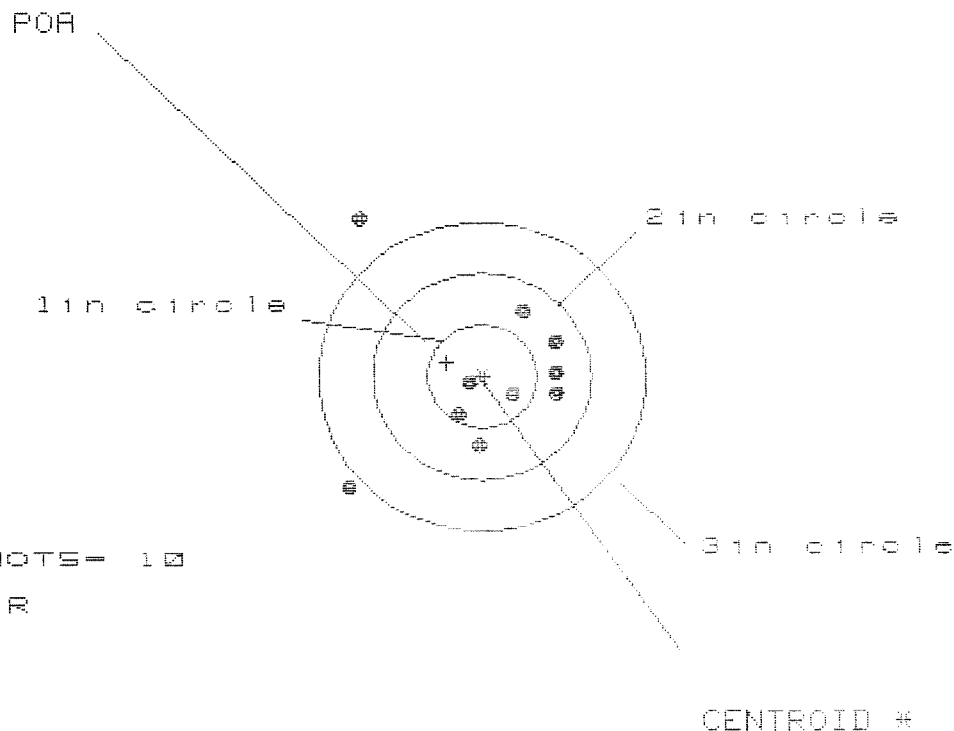
GS= 2.663

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.794	.663
MINIMUM X	:	-.995	-1.051	-.953
MAXIMUM Y	:	1.271	1.129	.998
MINIMUM Y	:	-1.282	-1.222	-1.353
CENTROID X	:	.278	.334	.465
CENTROID Y	:	-.228	-.086	.045
POA TO CENTROID in.	:	.360	.345	.467
MIN RADIUS	:	.633	.573	.416
MEAN RADIUS	:	1.077	1.028	.940
MAX RADIUS	:	1.377	1.485	1.368
HORIZONTAL SPREAD	:	1.845	1.845	1.616
VERTICAL SPREAD	:	2.553	2.351	2.351
EXTREME SPREAD	:	2.663	2.512	2.431
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/09225401

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 1.9000

VS= 2.595

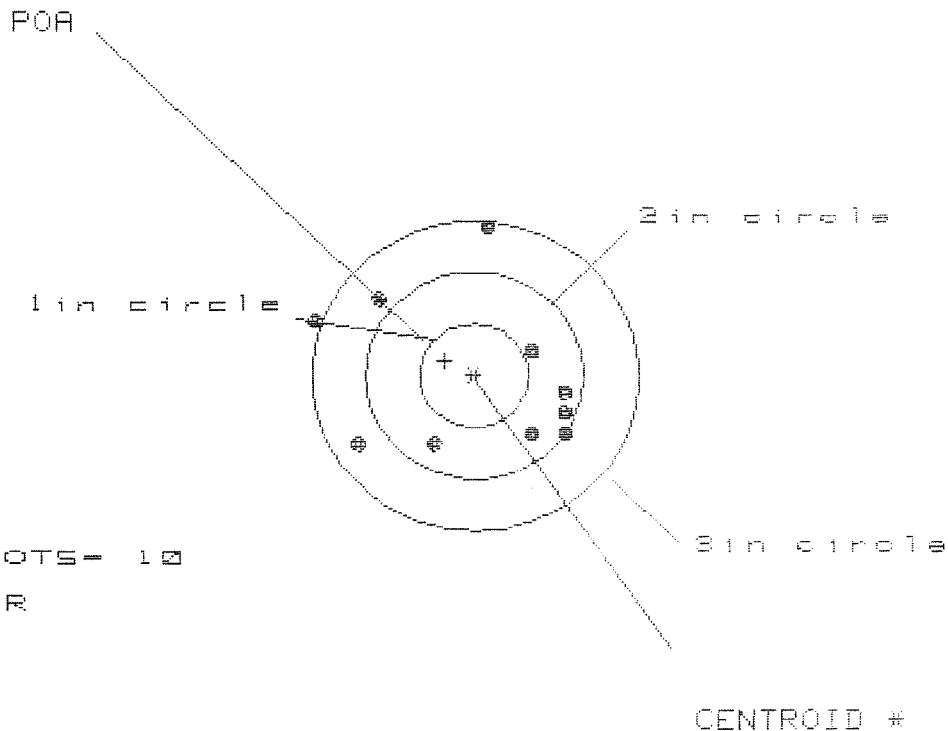
GS= 2.596

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.700	.575	.410
MINIMUM X	:	-1.200	-1.325	-.547
MAXIMUM Y	:	1.535	.811	.699
MINIMUM Y	:	-1.060	-.889	-.604
CENTROID X	:	.324	.449	.614
CENTROID Y	:	-.136	-.307	-.195
POA TO CENTROID in.	:	.351	.543	.644
MIN RADIUS	:	.116	.171	.112
MEAN RADIUS	:	.799	.636	.488
MAX RADIUS	:	1.901	1.595	.702
HORIZONTAL SPREAD	:	1.900	1.900	.957
VERTICAL SPREAD	:	2.595	1.700	1.303
EXTREME SPREAD	:	2.596	2.374	1.350
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06225401

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.344

VS= 2.111

GS= 2.509

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.875	.712	.712
MINIMUM X	:	-1.469	-1.284	-1.284
MAXIMUM Y	:	1.447	1.503	.990
MINIMUM Y	:	-.664	-.608	-.421
CENTROID X	:	.273	.436	.436
CENTROID Y	:	-.141	-.197	-.384
POA TO CENTROID in.	:	.307	.478	.501
MIN RADIUS	:	.531	.420	.520
MEAN RADIUS	:	1.031	.929	.830
MAX RADIUS	:	1.552	1.503	1.412
HORIZONTAL SPREAD	:	2.344	1.996	1.996
VERTICAL SPREAD	:	2.111	2.111	1.411
EXTREME SPREAD	:	2.509	2.471	2.102
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

SUBJECT: WARRANTY REPAIR

DATE:

30 JAN 90

TYPE EQUIPMENT RIFLE

MAKE: Remington

MODEL: M 24

SERIAL NUMBER: C 6 2 2 5 4 0 1

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. CoKeR {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-LAM-Q
BUILDING 228
FORT BENNING, GEORGIA 31905-5174

3/89
BJ

[illegible]

[illegible]

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	7/27/90	WB
	G) Safety Off Force	2	2	2	7/27/90	WB
	H) Trigger Pull Test & Retainability	(.022)	(.022)	(.022)	4/26/90	JB
	I) Firing Pin Indent	.0205	.0203	.0205	7/27/90	WB
	J) Assemble Stock					
	K) Assemble Swivel Studs				7/27/90	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	100 Rb Test shot OK			7/26/90	DH
	A) Time	4/26/90			7/26/90	DH
	B) Malfunctions				7/26/90	DH
	C) Pierced Primers				7/26/90	DH
	D) Optical Clarity of Scope				7/26/90	DH
645	Inspect for Live Ammo				7/26/90	DH
655	Final Inspection				7/26/90	WB
	A) Headspace					
	B) Trigger Pull	2.37	2.31	2.26	7/27/90	WB
	C) Function				7/27/90	WB
660	Pack					

GUN SERIAL #

C 6775401

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			

BARBER - M24 0162518

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-11811

JUN CUSTOMER ORDER NO.

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/24/97	06/24/97		C6225401		700 7.62	NATO
ACCESSORIES						

FROM:

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

SHIP TO:

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

CUST NO: 161641 C.O.D.

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	96003	Re powder Coat Trigger Guard
Bolt	96005	assy, Front & Rear Sight Bases
		ReLine Scope Base & Swivel
		Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0162518

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225401

LOG IN DATE: / /		DATE	INIT.
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	6-27-97	A
605	CHECK HEADSPACE	6-22-97	A
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	8-16-97	PW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-22-97	QW
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C625401

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

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

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:

BARBER - M24 0162521

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225401
22 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0586669

THE AMR FOR THIS RIFLE IS: .9632

CENTROIDAL DISTANCES

0	TO	1	.12659
1	TO	2	.201358
1	TO	3	.0313209
1	TO	4	.101823
1	TO	5	.146479

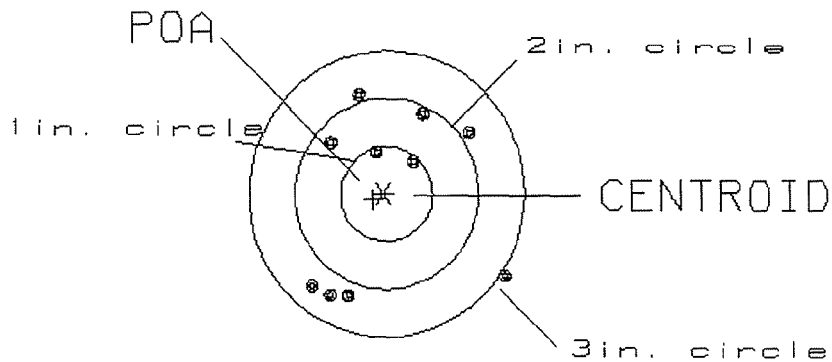
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PATTERN #: 1
 POA TO CENTROID: .127
 MIN RADIUS : .449
 MEAN RADIUS : .980
 MAX RADIUS : 1.524
 CENTROID X : .112
 CENTROID Y : .059

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CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.03
 VS= 2.10
 GS= 2.45

2
 4
 9

REMINGTON CENTERFIRE ACCURACY TEST

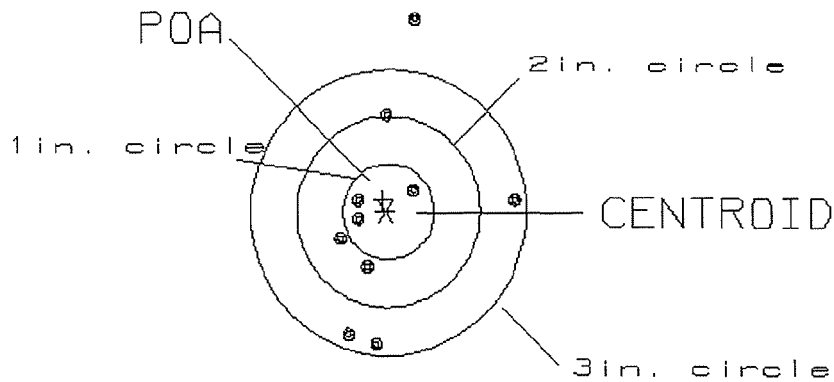
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .127
 MIN RADIUS : .321
 MEAN RADIUS : .933
 MAX RADIUS : 2.036
 CENTROID X : .028
 CENTROID Y : -.124

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CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.87
 VS= 3.44
 GS= 3.46

3
 5
 9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

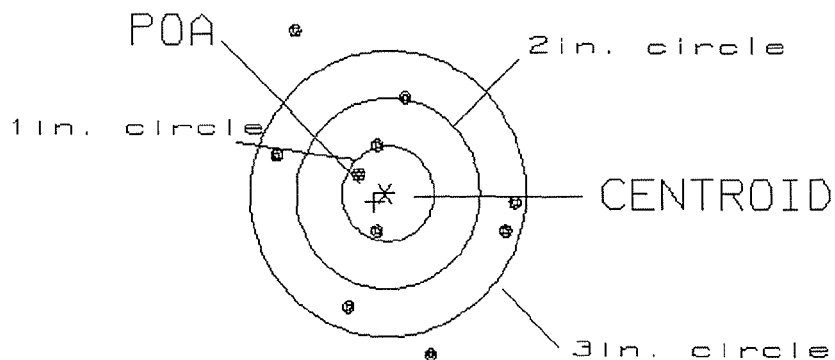
PATTERN #: 3

POA TO CENTROID: .150
 MIN RADIUS : .384
 MEAN RADIUS : 1.135
 MAX RADIUS : 1.984
 CENTROID X : .121
 CENTROID Y : .089

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.62

3

VS= 3.43

4

GS= 3.73

8

REMINGTON CENTERFIRE ACCURACY TEST

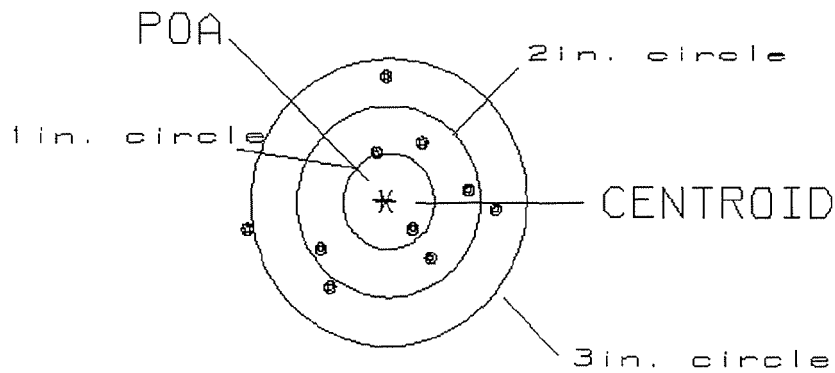
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .042
 MIN RADIUS : .398
 MEAN RADIUS : .918
 MAX RADIUS : 1.538
 CENTROID X : .040
 CENTROID Y : -.013

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.63
 VS= 2.19
 GS= 2.64

1
 6
 9

REMINGTON CENTERFIRE ACCURACY TEST

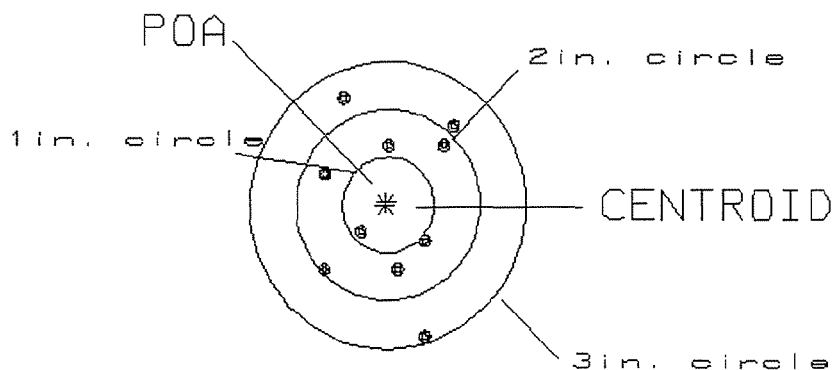
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .027
 MIN RADIUS : .356
 MEAN RADIUS : .850
 MAX RADIUS : 1.470
 CENTROID X : -.008
 CENTROID Y : -.025

22 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225401

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.34

1

VS= 2.51

7

GS= 2.67

10