

C6587747

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Address Information			
Customer		Received From	Return To
Name:	C CO 3/35 FG (A)		C CO 3/35 FG (A)
Address 1:	ATTN ODA396 SFC MCGEACHY		ATTN ODA396 SFC MCGEACHY
Address 2:	PO Box:		PO Box:
City:	FORT BRAGG		FORT BRAGG
State:	NC	Zip Code:	26310
	Country:	US	

[illegible]

Repair Search

Refresh

Close

start 2 8

Serial Number: C6587747

Model: M24 SWS



RE00078722

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587747.___0
FILE DATE AND TIME: 04/13/2004 07:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.094
The Average Y Centroid of the Five Target Set:	-0.096
The Average Point of Impact of the Five Target Set:	0.134
The Average Mean Radius of the Five Target Set:	0.777
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.338
The Distance from Centroid Target #3 to Centroid Target #1:	0.163
The Distance from Centroid Target #4 to Centroid Target #1:	0.360
The Distance from Centroid Target #5 to Centroid Target #1:	0.300

SERIAL NUMBER: C6587747. 0

TARGET NUMBER: 1

FILE DATE: 04/13/2004

FILE TIME: 07:50

X CENTROID: -0.138

Y CENTROID: 0.110

POA TO CENTROID: 0.176

HORZ SPREAD: 1.678

VERT SPREAD: 2.441

GROUP SPREAD: 2.660

MIN RADIUS: 0.471

MAX RADIUS: 1.344

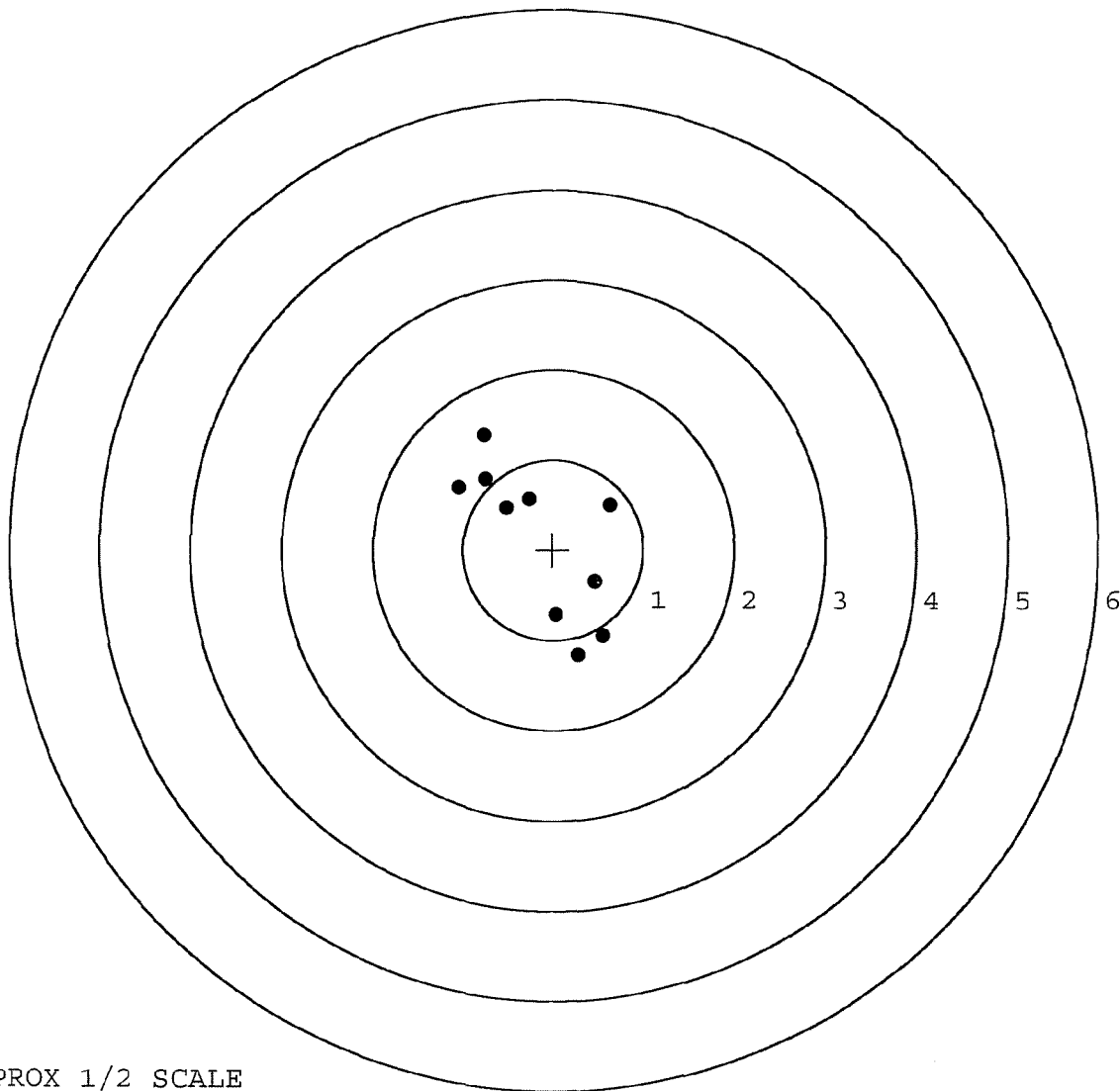
MEAN RADIUS: 0.940

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.290	-1.164
2:	0.558	-0.949
3:	0.036	-0.722
4:	0.470	-0.352
5:	0.629	0.500
6:	-0.522	0.471
7:	-1.049	0.689
8:	-0.754	0.788
9:	-0.767	1.277
10:	-0.267	0.563



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747. 0

TARGET NUMBER: 2

FILE DATE: 04/13/2004

FILE TIME: 07:50

X CENTROID: -0.164

Y CENTROID: -0.227

POA TO CENTROID: 0.280

HORZ SPREAD: 1.559

VERT SPREAD: 3.099

GROUP SPREAD: 3.140

MIN RADIUS: 0.167

MAX RADIUS: 1.668

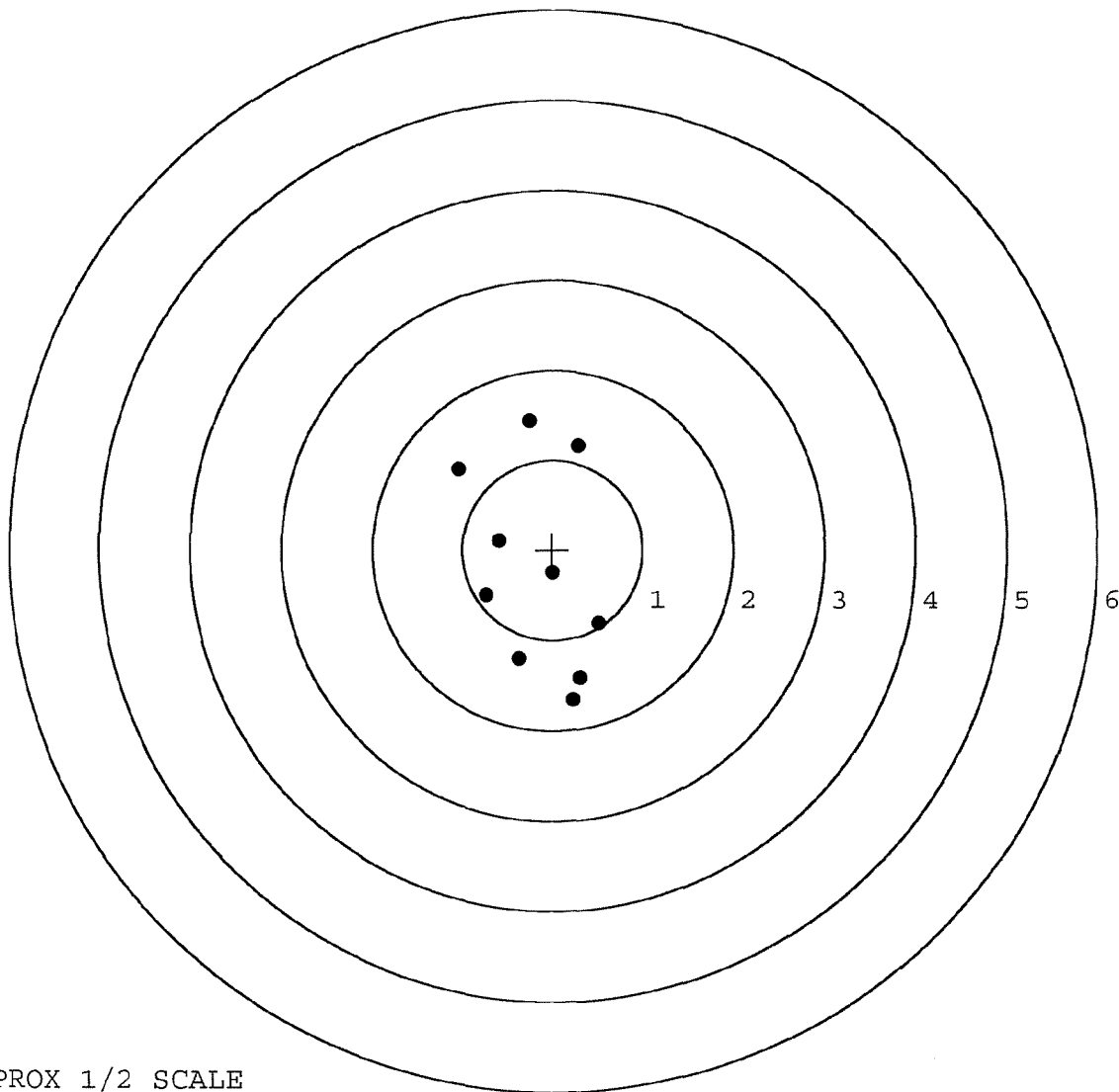
MEAN RADIUS: 1.057

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.314	-1.416
2:	0.238	-1.661
3:	0.000	-0.258
4:	-0.734	-0.506
5:	0.291	1.166
6:	-0.265	1.438
7:	-1.040	0.895
8:	-0.591	0.100
9:	0.519	-0.817
10:	-0.371	-1.210



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747. __0

TARGET NUMBER: 3

FILE DATE: 04/13/2004

FILE TIME: 07:50

X CENTROID: -0.069

Y CENTROID: -0.038

POA TO CENTROID: 0.079

HORZ SPREAD: 2.238

VERT SPREAD: 1.497

GROUP SPREAD: 2.346

MIN RADIUS: 0.101

MAX RADIUS: 1.187

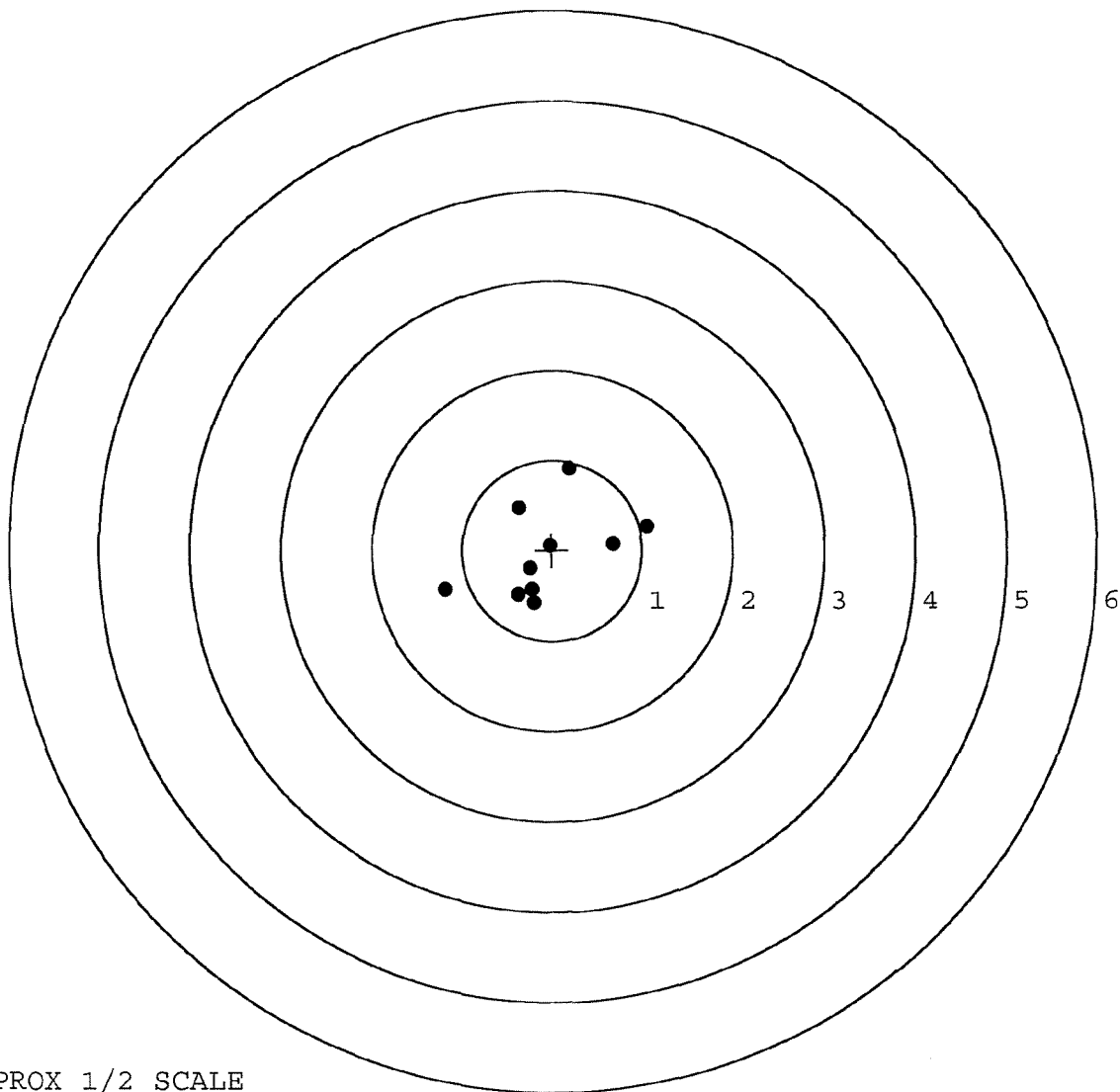
MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.051	0.266
2:	0.684	0.072
3:	-0.021	0.051
4:	-0.369	0.472
5:	-1.187	-0.437
6:	0.200	0.912
7:	-0.245	-0.206
8:	-0.379	-0.487
9:	-0.201	-0.585
10:	-0.222	-0.436



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747. 0

TARGET NUMBER: 4

FILE DATE: 04/13/2004

FILE TIME: 07:50

X CENTROID: 0.117

Y CENTROID: -0.145

POA TO CENTROID: 0.186

HORZ SPREAD: 1.694

VERT SPREAD: 1.297

GROUP SPREAD: 1.955

MIN RADIUS: 0.120

MAX RADIUS: 1.021

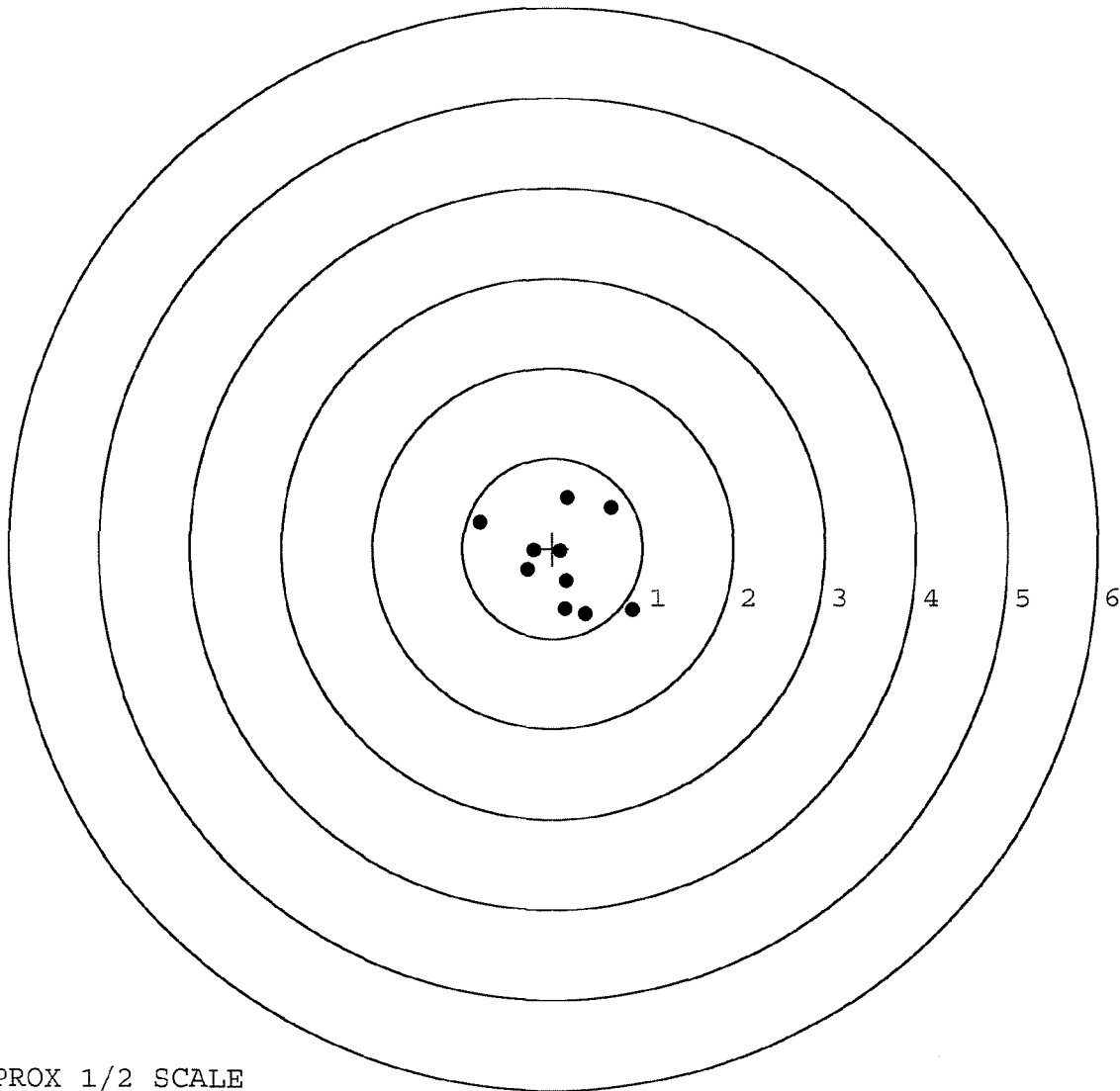
MEAN RADIUS: 0.574

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.887	-0.687
2:	0.370	-0.731
3:	0.145	-0.678
4:	0.652	0.448
5:	0.164	0.566
6:	-0.807	0.289
7:	0.154	-0.361
8:	0.087	-0.028
9:	-0.207	-0.025
10:	-0.277	-0.240



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747. __0

TARGET NUMBER: 5

FILE DATE: 04/13/2004

FILE TIME: 07:50

X CENTROID: -0.218

Y CENTROID: -0.179

POA TO CENTROID: 0.282

HORZ SPREAD: 1.545

VERT SPREAD: 1.493

GROUP SPREAD: 1.572

MIN RADIUS: 0.164

MAX RADIUS: 0.911

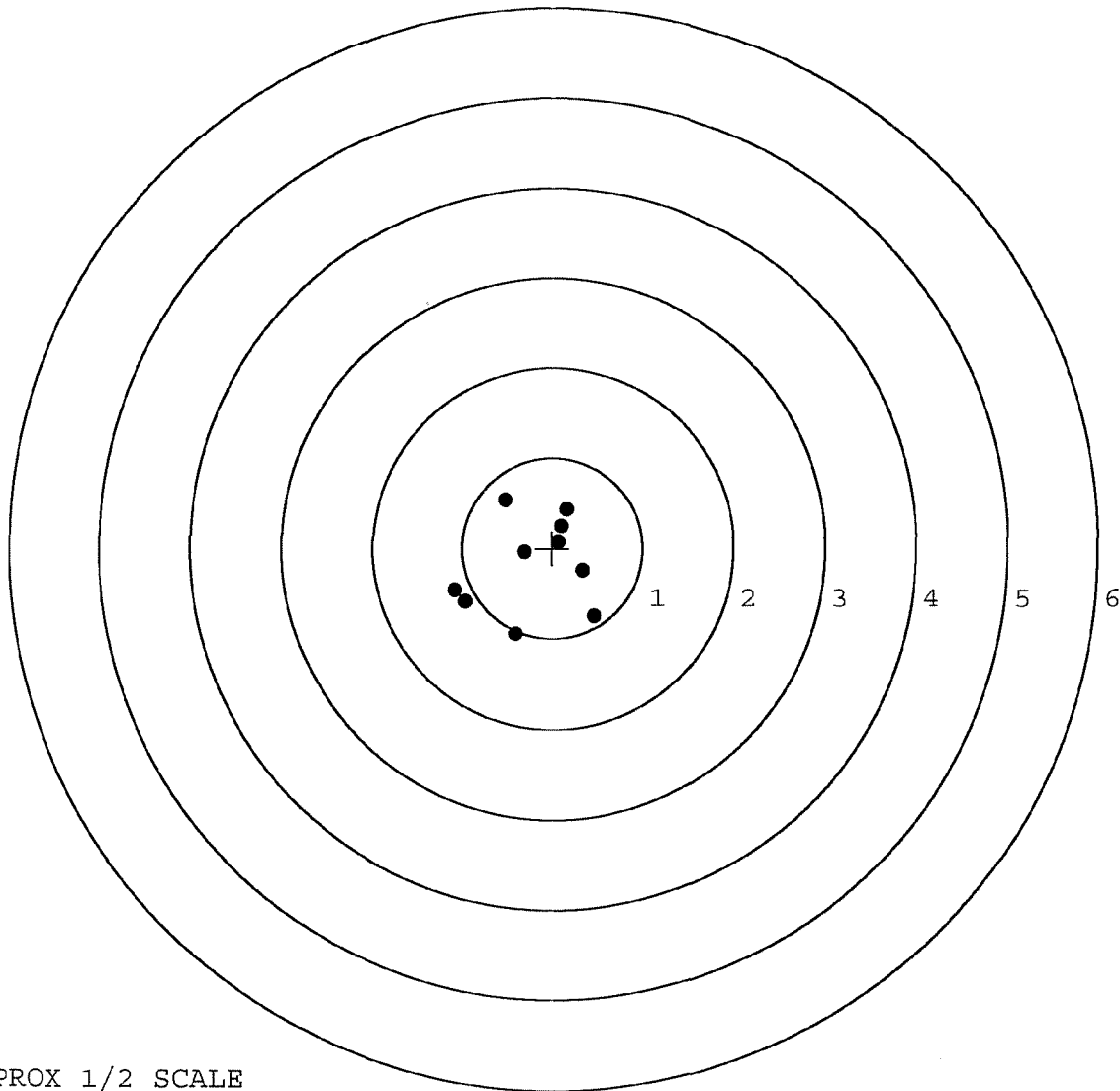
MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.464	-0.758
2:	-0.407	-0.954
3:	-0.969	-0.596
4:	-1.081	-0.468
5:	0.334	-0.253
6:	-0.309	-0.042
7:	-0.528	0.539
8:	0.157	0.430
9:	0.095	0.244
10:	0.067	0.072



TARGET APPROX 1/2 SCALE

BARBER - M24 0026302

R & E NUMBER	78722		
SERIAL NUMBER	C6587747		
LOG-IN DATE	3-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-17-04	RTL
560 A	RE-BARREL	3-22-04	RTL
B	DRILL AND TAP	3-23-04	TRW
575	ASSEMBLE	3-22-04	RTL
600	PROOF	3-22-04	RTL
605	CHECK HEADSPACE	3-22-04	RTL
610	DIS-ASSEMBLE GUN	3-22-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-22-04	RTL
618	ROTO-BLAST	3/28/2004	Dea
620	APPLY COATINGS	4-3	TA
625 A	FINAL ASSEMBLY	4-7-04	RLW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-13-04	TRW
655	FINAL INSPECT	4-13-04	RTL
660	PACK	4-13-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

GFM

CONTRACT # DAAA21-87-C-0086

Repair

GUN SERIAL #

C 6587747

New Barrel

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2/4/93	RW
600	Proof		2/4/93	RW
607	Check Headspace		2/4/93	RW
610	Dis-assemble Gun		2/4/93	RW
612	Magnaflux Barrel Action		2/5/93	CF
	Magnaflux Bolt		2/5/93	
615	Rollmark Caliber		2/5/93	CF
617	Drill and Tap Sight Holes		2/5/93	BT
618	Polish Barrel		2/5/93	BT
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/9/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/93	RW
	C) Inspect Ejector Hole for Chamfer		2/9/93	RW
	D) Oil Firing Pin Ass'y		2/9/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/9/93	RW

BARBER - M24 0026304		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4			2/9/93	RW
	G) Safety Off Force	3	3	3			2/9/93	RW
	H) Trigger Pull Test & Retainability						2/9/93	RW
	I) Firing Pin Indent	.0205	.020	.0205			2/9/93	RW
	J) Assemble Stock						2/9/93	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/9/93	RW
	M) Iron Sight Alignment						2/9/93	RW
	N) Detach Front & Rear Sights & place in numbered container						2/9/93	RW
	O) Attach Scope to Rifle						2/9/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						3/2/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						3/2/93	RW
655	Final Inspection							
	A) Headspace						3/5/93	RW
	B) Trigger Pull	2.46	2.41	2.23	2.41	2.42	3/5/93	RW
	C) Function						3/5/93	RW
660	Pack							

New Trigger Assy

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587747DATE 2/9/93TESTER EW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.67	2.11	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.15	2.24	
PULL #3	2.64	2.12	2.28	
PULL #4	2.41	2.12	2.22	
PULL #5	2.41	2.11	2.23	
TOTAL	12.54	10.61	11.21	
AVG.	2.51	2.12	2.24	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.38	3.19	
PULL #2	3.35	3.03	
PULL #3	3.35	3.40	
PULL #4	3.38	3.41	
PULL #5	3.40	3.35	
TOTAL	16.84	16.38	
AVG.	3.37	3.28	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.09		4.25
PULL #2	4.17	4.02		4.17
PULL #3	4.33	4.17		4.27
PULL #4	4.19	4.22		4.11
PULL #5	4.17	4.05		4.21
TOTAL	21.04	20.55		21.01
AVG.	4.21	4.11		4.20

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587747
3 Mar 1993

CENTROIDAL DISTANCES

0 TO	1	.300268
1 TO	2	.258521
1 TO	3	.534581
1 TO	4	.325886
1 TO	5	.495202

$\frac{52}{34} +$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4384
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .502508

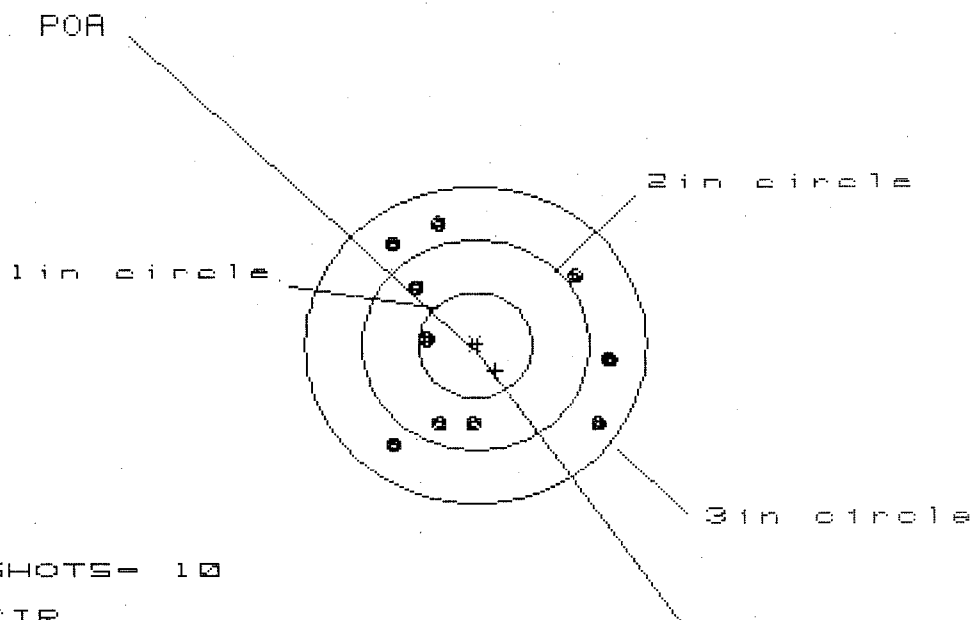
THE AMR FOR THIS RIFLE IS: .7528

3 Mar 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 1.893

VS= 2.091

GS= 2.498

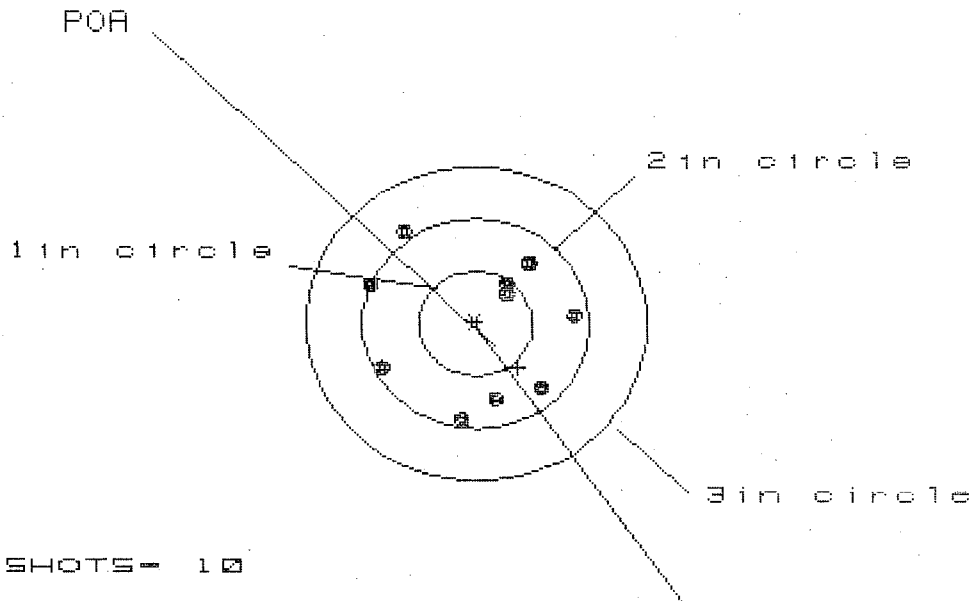
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	1.269	1.246
MINIMUM X	-.747	-.624	-.647
MAXIMUM Y	1.170	1.090	.998
MINIMUM Y	-.921	-1.001	-.865
CENTROID X	-.175	-.298	-.276
CENTROID Y	-.244	.324	.188
POA TO CENTROID in.	.300	.441	.334
MIN RADIUS	.434	.317	.341
MEAN RADIUS	.991	.932	.900
MAX RADIUS	1.328	1.295	1.252
HORIZONTAL SPREAD	1.893	1.893	1.893
VERTICAL SPREAD	2.091	2.091	1.863
EXTREME SPREAD	2.498	2.228	2.228
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

3 Mar 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.786

VS= 1.826

GS= 1.908

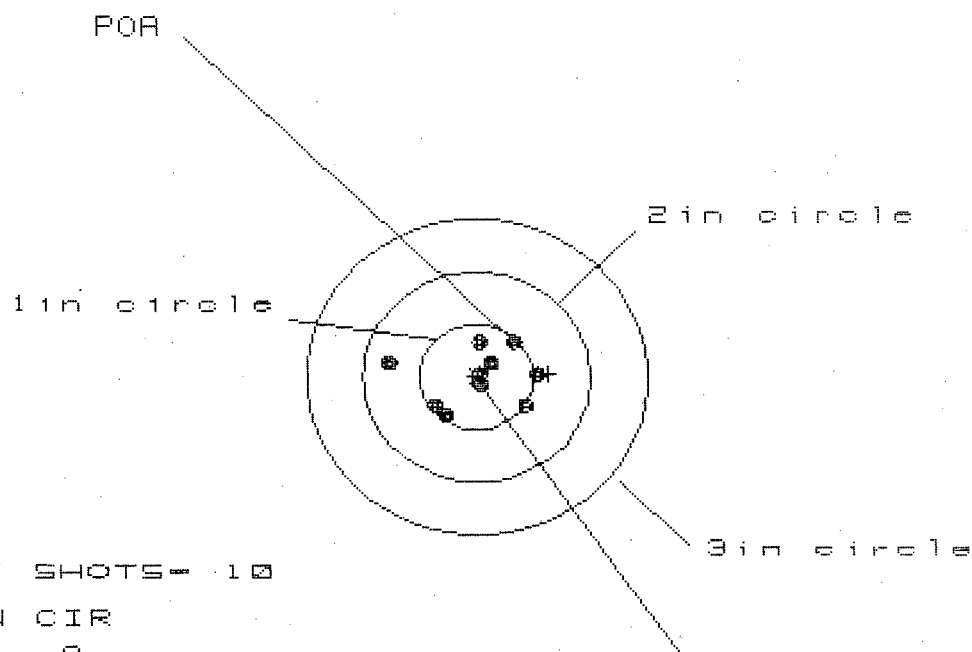
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.782	.656
MINIMUM X	:	-.936	-1.004	-1.016
MAXIMUM Y	:	.909	.668	.734
MINIMUM Y	:	-.917	-.817	-.751
CENTROID X	:	-.368	-.300	-.174
CENTROID Y	:	.416	.315	.249
POA TO CENTROID in.	:	.555	.434	.304
MIN RADIUS	:	.386	.438	.470
MEAN RADIUS	:	.794	.752	.686
MAX RADIUS	:	1.097	1.134	1.047
HORIZONTAL SPREAD	:	1.786	1.786	1.672
VERTICAL SPREAD	:	1.826	1.485	1.485
EXTREME SPREAD	:	1.908	1.815	1.750
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06587747

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 8

2 in = 10

3 in = 10

HS= 1.246

VS= .755

GS= 1.248

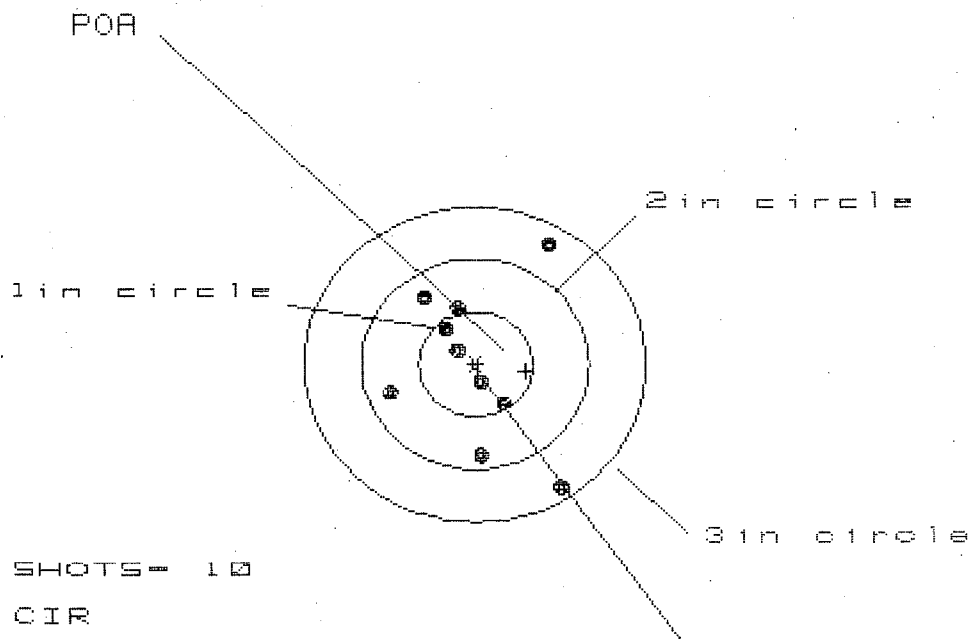
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.487
MINIMUM X	-.759
MAXIMUM Y	.361
MINIMUM Y	-.394
CENTROID X	-.631
CENTROID Y	-.035
POA TO CENTROID in.	.632
MIN RADIUS	.046
MEAN RADIUS	.380
MAX RADIUS	.765
HORIZONTAL SPREAD	1.246
VERTICAL SPREAD	.755
EXTREME SPREAD	1.248
NUMBER IN ONE INCH CIRCLE =	8
NUMBER IN TWO INCH CIRCLE =	10
NUMBER IN THREE INCH CIRCLE =	10

3 Mar 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.504

VS= 2.310

GS= 2.312

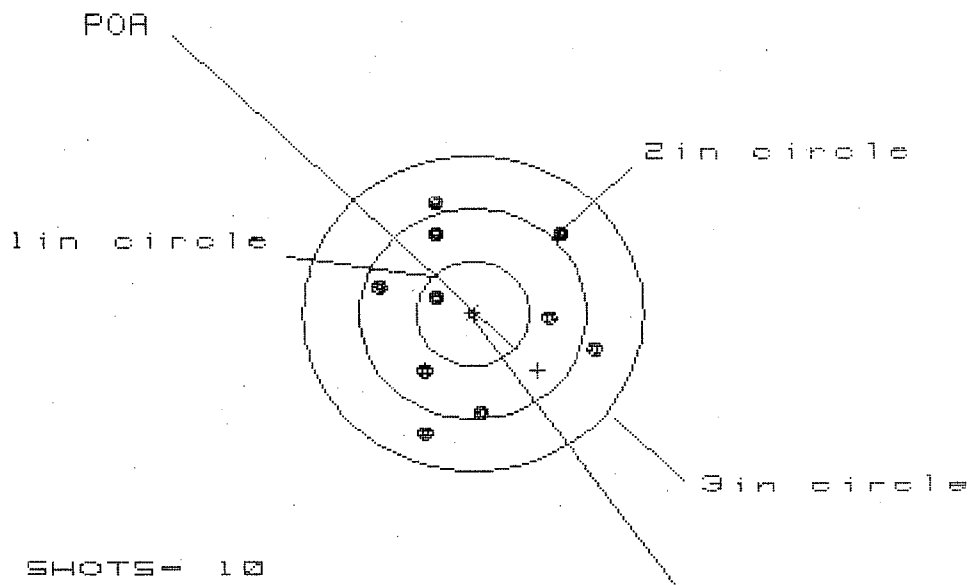
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.734	.715	.404
MINIMUM X	:	-.770	-.688	-.599
MAXIMUM Y	:	1.174	1.047	.632
MINIMUM Y	:	-1.136	-1.038	-.907
CENTROID X	:	-.446	-.527	-.617
CENTROID Y	:	.063	.190	.059
POA TO CENTROID in.	:	.450	.560	.619
MIN RADIUS	:	.163	.126	.171
MEAN RADIUS	:	.699	.602	.522
MAX RADIUS	:	1.353	1.268	.924
HORIZONTAL SPREAD	:	1.504	1.403	1.002
VERTICAL SPREAD	:	2.310	2.085	1.539
EXTREME SPREAD	:	2.312	2.177	1.595
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08587747

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.918

VS= 2.231

GS= 2.331

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.099	1.050	.903
MINIMUM X	-.820	-.868	-.737
MAXIMUM Y	1.042	.910	.854
MINIMUM Y	-1.189	-1.071	-1.127
CENTROID X	-.572	-.523	-.654
CENTROID Y	.540	.672	.728
POA TO CENTROID in.	.786	.851	.978
MIN RADIUS	.370	.370	.234
MEAN RADIUS	.900	.851	.789
MAX RADIUS	1.267	1.140	1.137
HORIZONTAL SPREAD	1.918	1.918	1.640
VERTICAL SPREAD	2.231	1.981	1.981
EXTREME SPREAD	2.331	2.015	2.015
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

Remington
 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.

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

UPPONT

SERIAL NO. C6587747	ORDER NO. 5716
-------------------------------	--------------------------

20



* 5716 C6587747

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587747

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/25/90	GL
617	Drill and Tap Sight Holes		10/26/90	FB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/21/90	ML

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	3.75 5	3.75 5	3.50 5	11/3/90	WLB
	G) Safety Off Force	2	2	2	11/29/90	WLB
	H) Trigger Pull Test & Retainability				11/29/90	RL
	I) Firing Pin Indent	.022	.022	.022	11/29/90	KJ
	J) Assemble Stock				12/5/90	RW
	K) Assemble Swivel Studs				12-7-90	QJ
	L) Attach Front and Rear Sight Assemblies				12/5/90	RW
	M) Iron Sight Alignment				12/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container				12/5/90	RW
	O) Attach Scope to Rifle				12/5/90	RW
	P) Detach & Attach Scope 20 Times				12/5/90	RW
640	Gallery Target & Test				12/5/90	NF
	A) Time				"	NF
	B) Malfunctions				"	NF
	C) Pierced Primers				"	NF
	D) Optical Clarity of Scope				"	NF
645	Inspect for Live Ammo				12/5/90	NF
655	Final Inspection					
	A) Headspace				12-7-90	QJ
	B) Trigger Pull	245	256	256	12-7-90	QJ
	C) Function				12-7-90	QJ
660	Pack				12/19/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06587747

DATE 11-29-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.24	2.24	245	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.32	2.28	256	
PULL #3	2.12	2.20	2.30	256	
PULL #4	2.38	2.39	2.44	269	
PULL #5	2.13	2.32	2.27	256	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.19		
PULL #2	3.47	3.14		
PULL #3	3.17	2.20		
PULL #4	3.26	3.45		
PULL #5	3.50	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.33		4.14
PULL #2	4.27	4.31		4.28
PULL #3	4.29	4.12		4.25
PULL #4	4.25	4.37		4.17
PULL #5	4.26	4.19		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587747
6 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.0710211
1 TO	2	.53255
1 TO	3	.175251
1 TO	4	.0491935
1 TO	5	.180887

~~2~~ <----FOR
2

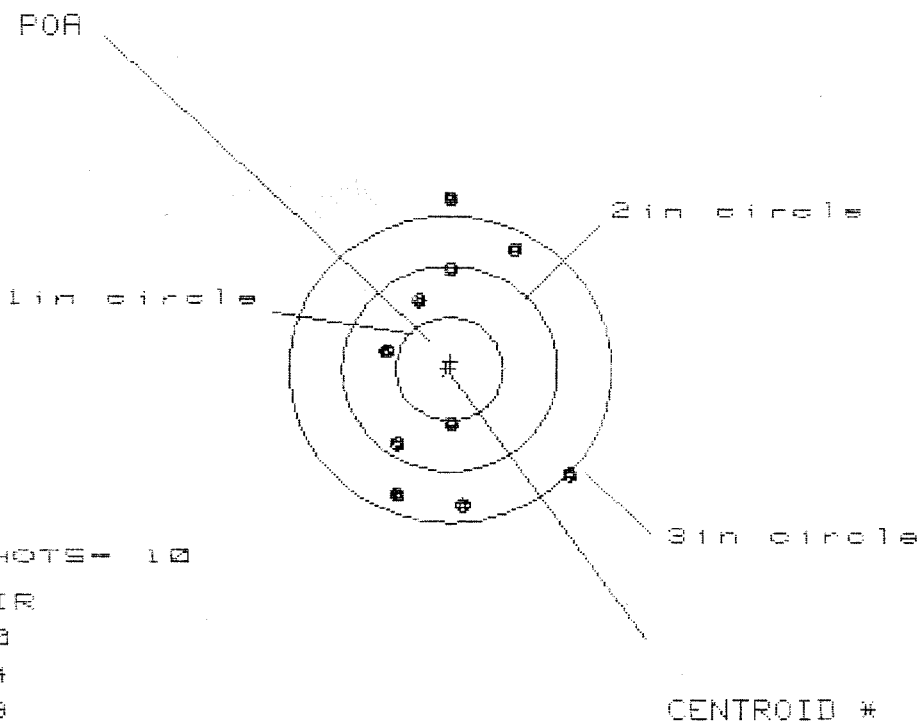
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0752
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133578
THE AMR FOR THIS RIFLE IS: 1.38

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587747.1

CENTERFIRE PATTERNS

1



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	1.113	.903
MINIMUM X	-.610	-.606	-.466
MAXIMUM Y	1.708	1.485	1.305
MINIMUM Y	-1.316	-1.126	-1.226
CENTROID X	-.012	-.016	-.156
CENTROID Y	-.070	-.260	-.160
POA TO CENTROID in.	.071	.261	.223
MIN RADIUS	.515	.326	.461
MEAN RADIUS	1.101	1.010	.948
MAX RADIUS	1.709	1.554	1.532
HORIZONTAL SPREAD	1.719	1.719	1.269
VERTICAL SPREAD	3.024	2.531	2.531
EXTREME SPREAD	3.025	2.685	2.685
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587747.1

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 5

HS= 3.176

VS= 4.057

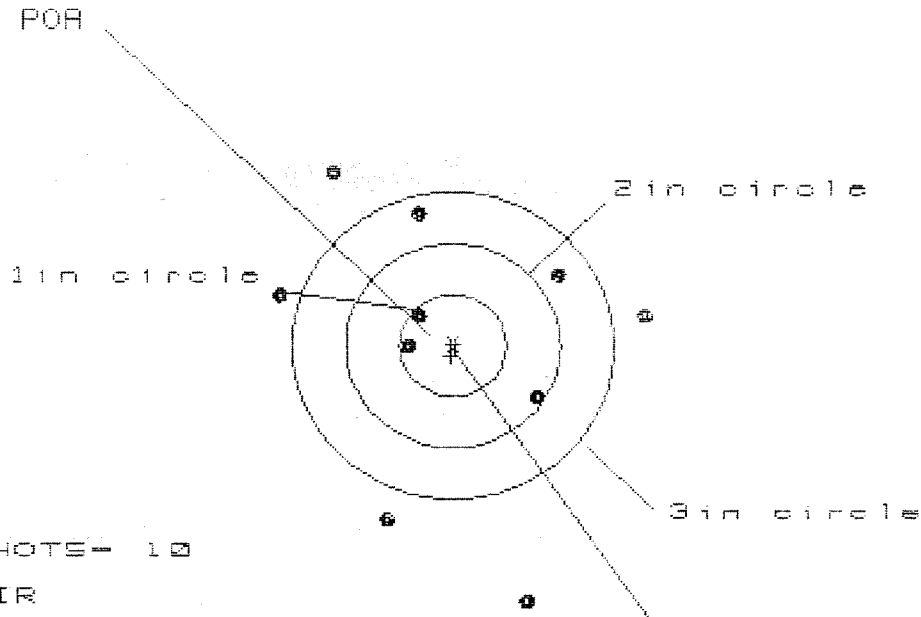
GS= 4.679

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	.889	.684
MINIMUM X	:	-2.058	-1.638	-1.383
MAXIMUM Y	:	1.871	1.628	1.572
MINIMUM Y	:	-2.186	-2.241	-2.038
CENTROID X	:	.268	.497	.701
CENTROID Y	:	-.523	-.280	-.483
POA TO CENTROID in.	:	.587	.570	.852
MIN RADIUS	:	.635	.618	.340
MEAN RADIUS	:	1.643	1.443	1.305
MAX RADIUS	:	3.003	2.411	2.150
HORIZONTAL SPREAD	:	3.176	2.527	2.068
VERTICAL SPREAD	:	4.057	3.869	3.610
EXTREME SPREAD	:	4.679	4.621	3.637
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587747.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 3.381

VS= 4.243

GS= 4.617

CENTROID #

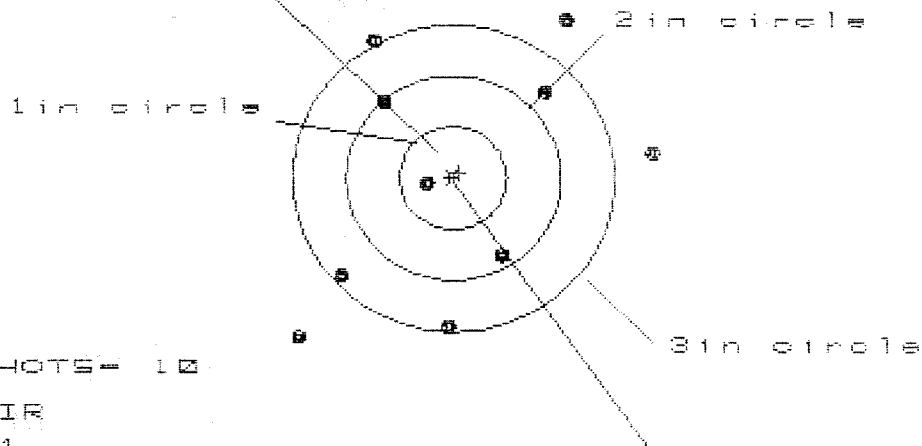
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.761	1.842	1.716
MINIMUM X	:	-1.620	-1.539	-1.665
MAXIMUM Y	:	1.702	1.420	1.200
MINIMUM Y	:	-2.541	-1.991	-1.814
CENTROID X	:	.016	-.065	.061
CENTROID Y	:	.103	.385	.208
POR TO CENTROID in.	:	.104	.391	.217
MIN RADIUS	:	.397	.195	.376
MEAN RADIUS	:	1.419	1.239	1.183
MAX RADIUS	:	2.644	2.056	1.923
HORIZONTAL SPREAD	:	3.381	3.381	3.381
VERTICAL SPREAD	:	4.243	3.411	3.014
EXTREME SPREAD	:	4.617	3.447	3.384
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747.1

CENTERFIRE PATTERNS # 4

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS = 3.256

VS = 3.060

GS = 3.927

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.829	1.670	1.084
MINIMUM X	-1.427	-1.215	-1.006
MAXIMUM Y	1.498	1.324	1.336
MINIMUM Y	-1.562	-1.673	-1.661
CENTROID X	-.056	.103	-.106
CENTROID Y	-.048	.126	.114
POA TO CENTROID in.	.073	.163	.156
MIN RADIUS	.203	.402	.225
MEAN RADIUS	1.360	1.278	1.198
MAX RADIUS	2.116	1.689	1.720
HORIZONTAL SPREAD	3.256	2.885	2.090
VERTICAL SPREAD	3.060	2.997	2.997
EXTREME SPREAD	3.927	3.232	3.232
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587747.1

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 6

HS = 4.241

VS = 2.618

GS = 4.341

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.323	1.495	1.275
MINIMUM X	-2.018	-1.760	-1.727
MAXIMUM Y	1.163	1.170	1.176
MINIMUM Y	-1.455	-1.448	-1.442
CENTROID X	.160	-.098	.122
CENTROID Y	-.014	-.021	-.027
POR TO CENTROID in.	.161	.100	.125
MIN RADIUS	.521	.553	.506
MEAN RADIUS	1.379	1.278	1.183
MAX RADIUS	2.324	1.898	1.847
HORIZONTAL SPREAD	4.341	3.255	3.002
VERTICAL SPREAD	2.618	2.618	2.618
EXTREME SPREAD	4.341	3.515	3.515
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587747
6 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.334096
1 TO	2	.861861
1 TO	3	.552914
1 TO	4	.240468
1 TO	5	.48945

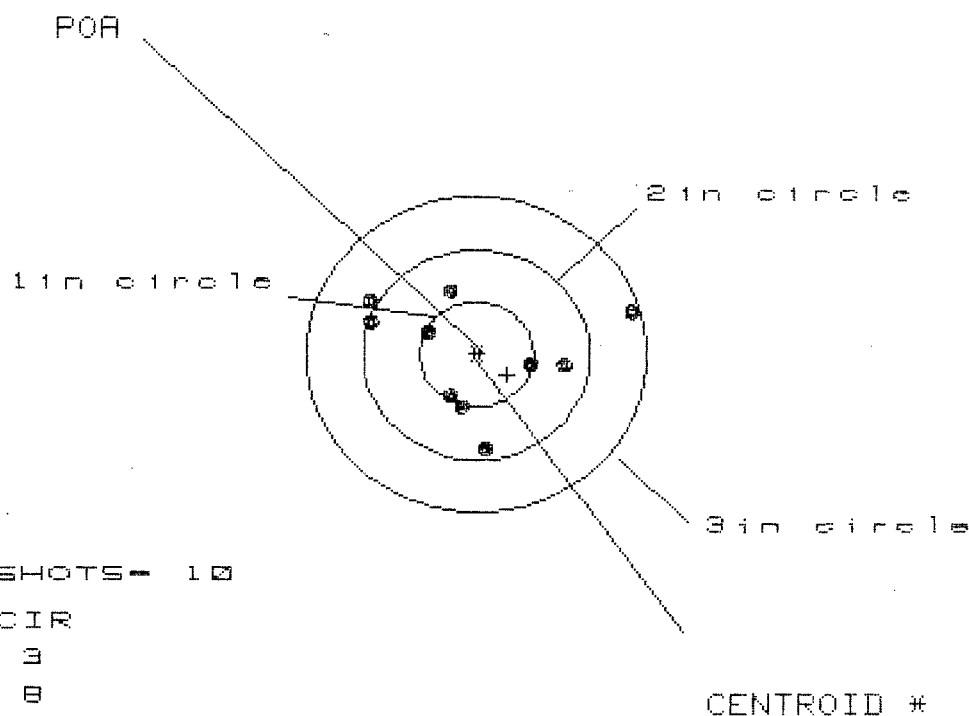
$4\frac{3}{2}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.023
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0268224
THE AMR FOR THIS RIFLE IS: .9442

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747.1.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 3

2in - 8

3in = 10

HS- 2.321

VS- 1.571

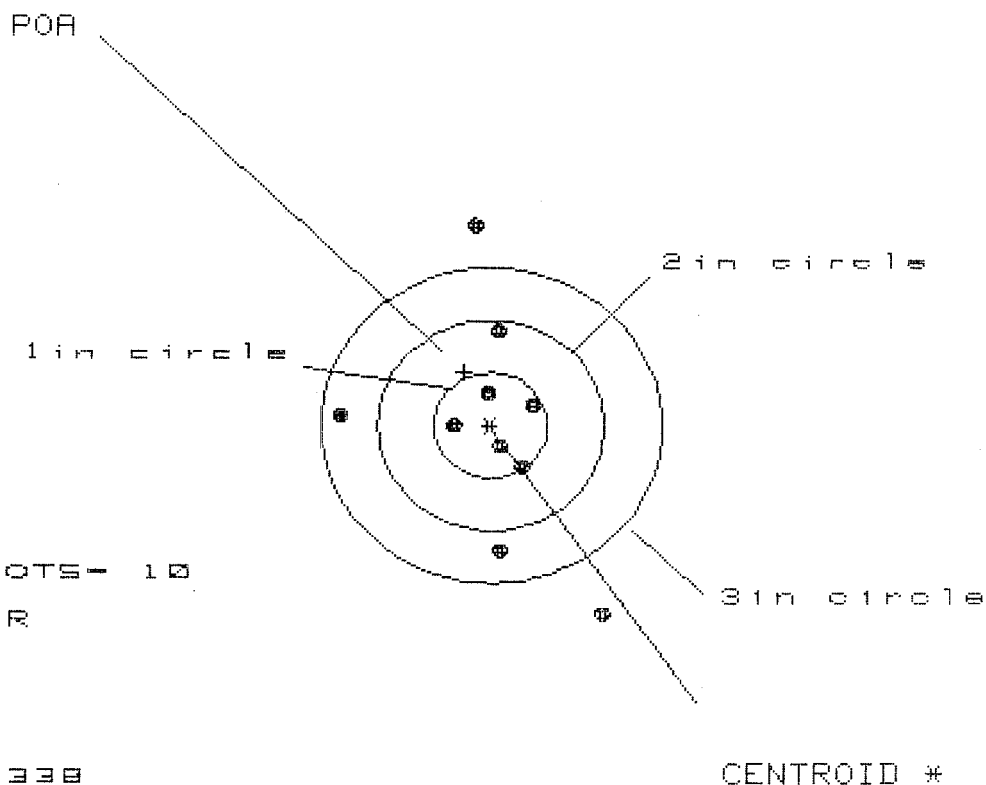
GS- 2.322

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.411	.969	.877
MINIMUM X	:	-.910	-.753	-.845
MAXIMUM Y	:	.637	.680	.754
MINIMUM Y	:	-.934	-.891	-.817
CENTROID X	:	-.272	-.429	-.337
CENTROID Y	:	.194	.151	.077
POA TO CENTROID in.	:	.334	.455	.345
MIN RADIUS	:	.463	.372	.329
MEAN RADIUS	:	.789	.693	.651
MAX RADIUS	:	1.463	.969	.946
HORIZONTAL SPREAD	:	2.321	1.722	1.722
VERTICAL SPREAD	:	1.571	1.571	1.571
EXTREME SPREAD	:	2.322	1.817	1.765
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 5

2 in = 6

3 in = 8

HS = 2.338

VS = 3.684

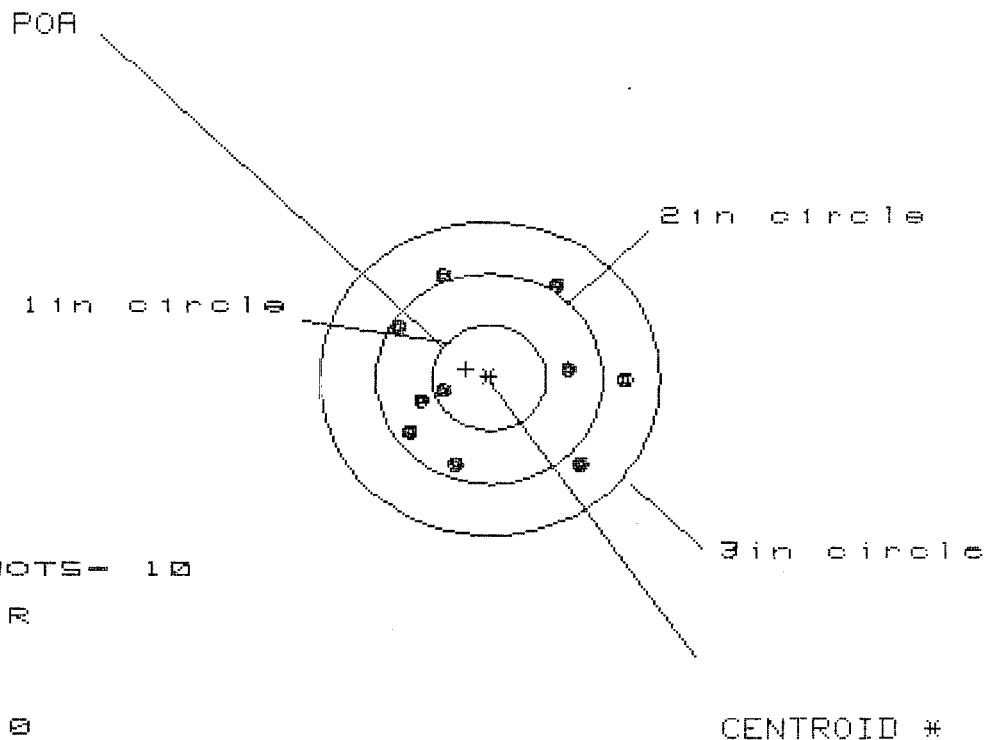
GS = 3.865

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.020	.529	.524
MINIMUM X	:	-1.318	-1.204	-1.209
MAXIMUM Y	:	1.936	1.742	.927
MINIMUM Y	:	-1.748	-1.423	-1.205
CENTROID X	:	.228	.114	.119
CENTROID Y	:	-.508	-.314	-.532
POA TO CENTROID in.	:	.557	.334	.545
MIN RADIUS	:	.206	.142	.247
MEAN RADIUS	:	.927	.801	.669
MAX RADIUS	:	2.024	1.742	1.218
HORIZONTAL SPREAD	:	2.338	1.733	1.733
VERTICAL SPREAD	:	3.684	3.165	2.132
EXTREME SPREAD	:	3.865	3.170	2.132
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747.1.1

CENTERFIRE PATTERNS # 3



HS = 1.941

VS = 1.805

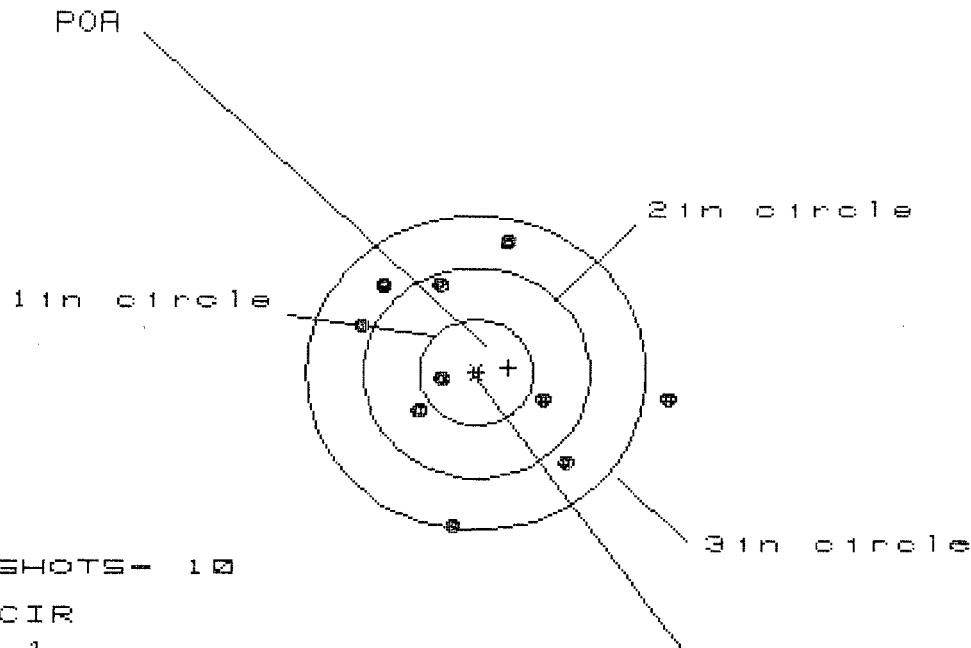
GS = 2.149

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.160	.921	.943
MINIMUM X	-.781	-.652	-.537
MAXIMUM Y	.972	.966	.867
MINIMUM Y	-.833	-.839	-.938
CENTROID X	.203	.074	-.041
CENTROID Y	-.089	-.083	.016
POA TO CENTROID in.	.222	.112	.044
MIN RADIUS	.391	.267	.227
MEAN RADIUS	.890	.835	.767
MAX RADIUS	1.161	1.216	1.125
HORIZONTAL SPREAD	1.941	1.573	1.480
VERTICAL SPREAD	1.805	1.805	1.805
EXTREME SPREAD	2.149	2.149	1.922
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587747.1.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 4

3 in - 9

HS= 2.663

VS= 2.709

GS= 2.757

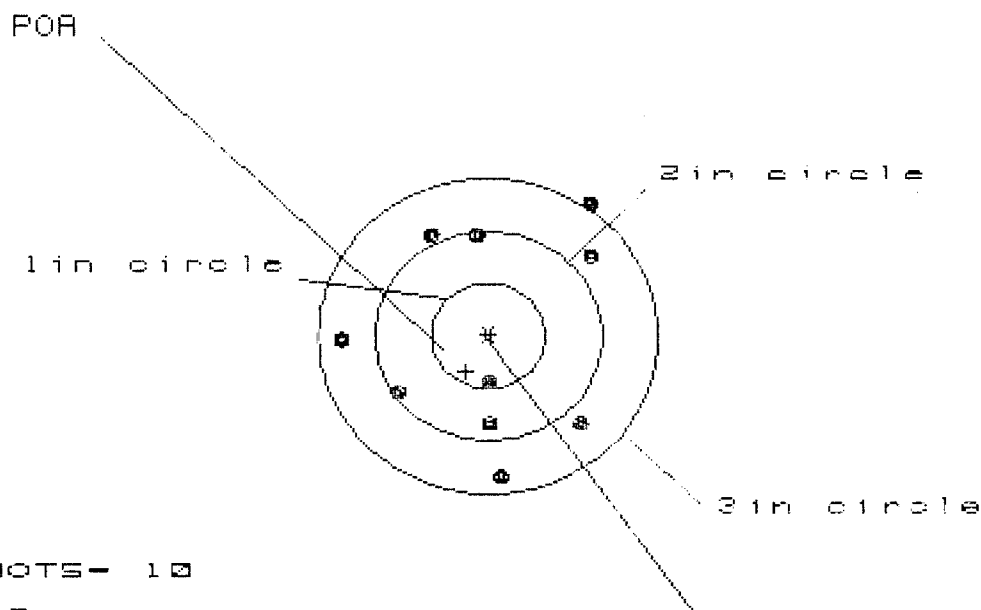
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.679	.929	.920
MINIMUM X	:	-.984	-.798	-.807
MAXIMUM Y	:	1.234	1.201	1.013
MINIMUM Y	:	-1.475	-1.508	-1.100
CENTROID X	:	-.287	-.473	-.464
CENTROID Y	:	-.046	-.013	.175
POA TO CENTROID in.	:	.290	.474	.496
MIN RADIUS	:	.356	.183	.315
MEAN RADIUS	:	1.036	.924	.844
MAX RADIUS	:	1.704	1.509	1.434
HORIZONTAL SPREAD	:	2.663	1.727	1.727
VERTICAL SPREAD	:	2.709	2.709	2.113
EXTREME SPREAD	:	2.757	2.757	2.321
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587747.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 4

3 in = 9

HS= 2.272

VS= 2.609

GS= 2.716

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.928	1.026	.870
MINIMUM X	:	-1.344	-1.246	-.813
MAXIMUM Y	:	1.278	1.146	1.154
MINIMUM Y	:	-1.331	-1.189	-1.181
CENTROID X	:	.197	.099	.255
CENTROID Y	:	.334	.192	.184
POA TO CENTROID in.	:	.388	.216	.315
MIN RADIUS	:	.437	.317	.289
MEAN RADIUS	:	1.079	.997	.956
MAX RADIUS	:	1.551	1.393	1.297
HORIZONTAL SPREAD	:	2.272	2.272	1.683
VERTICAL SPREAD	:	2.609	2.335	2.335
EXTREME SPREAD	:	2.716	2.435	2.427
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

BARBER - M24-0026328

COMMENTS

ORDER
R 93-02472

INITIAL FPS	CUSTOMER ORDER NO.	WOG 20 OF 30 W/10X SCOPE & DEPLOYMENT KIT M-24			
DATE RECEIVED 01/25/93	DATE OPENED 01/25/93	DATE CODE EK 10-90	SERIAL NUMBER C6587747	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62 NATO
ACCESSORIES W/STUDS	W/SWIVELS	SOFT CASE	SCOPE BASE		

FROM: SHIP TO:

MCHALE, EDWARD J CPT, SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

MCHALE, EDWARD J CPT, SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO: 073985 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	---	------------	-----------	------------

GUN CONDITION	REPAIR CHARGE
☐ NEW	EXCISE
☐ LIGHTLY WORN	TAX
☐ WORN	INSURANCE
☐ VERY WORN	UPS
☐ UNREPAIRABLE	PARCEL POST
☐ MARRED	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 Rust ON Gun

PARTS	COMMENTS
Firing pinl Assy - 96007	Zinc phosphate Scope Base,
Magazine Spring - 15677	Scope Rings, Swivels & Swivel Studs
Magazine - 96013	Re-powder Coat Floor plate, latch,
Trigger Assy - 96024	Trigger Guard, Front & Rear Sight
Stock Assy - 96018	Bases
Barrel Assy Complete - 96001	
Bolt Stop - 17013	
Front Guard Screw - 96010	
Rear Guard Screw - 96015	
Front Sight Assy - 96118	
Rear Sight Assy - 96119	
REPAIRMAN RW	PROOF ☒
GALLERY TESTER RW	CLEAN ☒
DATE 2/4/93	TEST ☒
DATE 2/9/93	TARGET ☒
DATE 3/2/93	PATTERN
DATE 3/2/93	DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0026328