

C6349085

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

Repair Number: **RE00074631** Serial: C6349085 Model 700 Center Fire Caliber: 7 Repairman: Status: Closed 12/29/2003 10:38:01 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **HHC 3/327** **HHC 3/327**

Address 1: Address 2: PO Box: PO Box:

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Fair

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1

Repair Search Refresh Close

regisj 1/5/2004 9:06 AM CAPS NUM INS

start

Serial Number: **C6349085**

Model: **700**

RE00074631

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349085.__0
FILE DATE AND TIME: 01/26/2004 09:08

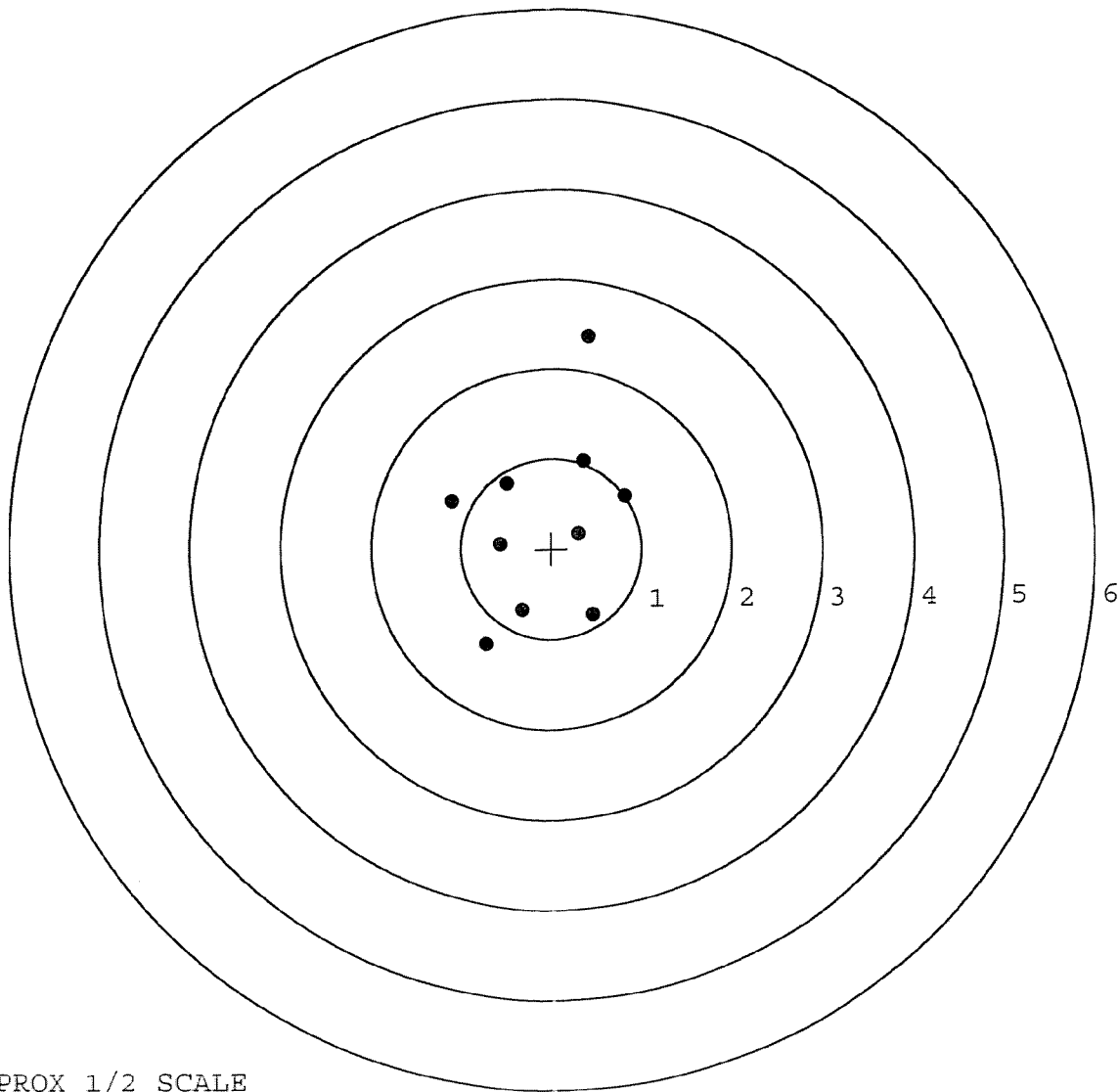
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.105
The Average Y Centroid of the Five Target Set:	0.088
The Average Point of Impact of the Five Target Set:	0.137
The Average Mean Radius of the Five Target Set:	0.908
The Distance from POA to Centroid Target #1:	0.304
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.658
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.400

SERIAL NUMBER: C6349085. __0
TARGET NUMBER: 1
FILE DATE: 01/26/2004
FILE TIME: 09:08

POINT#	X	Y
1:	0.431	2.348
2:	0.364	0.973
3:	0.815	0.585
4:	0.301	0.161
5:	0.457	-0.739
6:	-0.332	-0.677
7:	-0.731	-1.054
8:	-0.572	0.060
9:	-1.095	0.529
10:	-0.490	0.728

X CENTROID: -0.085
Y CENTROID: 0.291
POA TO CENTROID: 0.304
HORZ SPREAD: 1.910
VERT SPREAD: 3.402
GROUP SPREAD: 3.595
MIN RADIUS: 0.408
MAX RADIUS: 2.120
MEAN RADIUS: 1.012
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

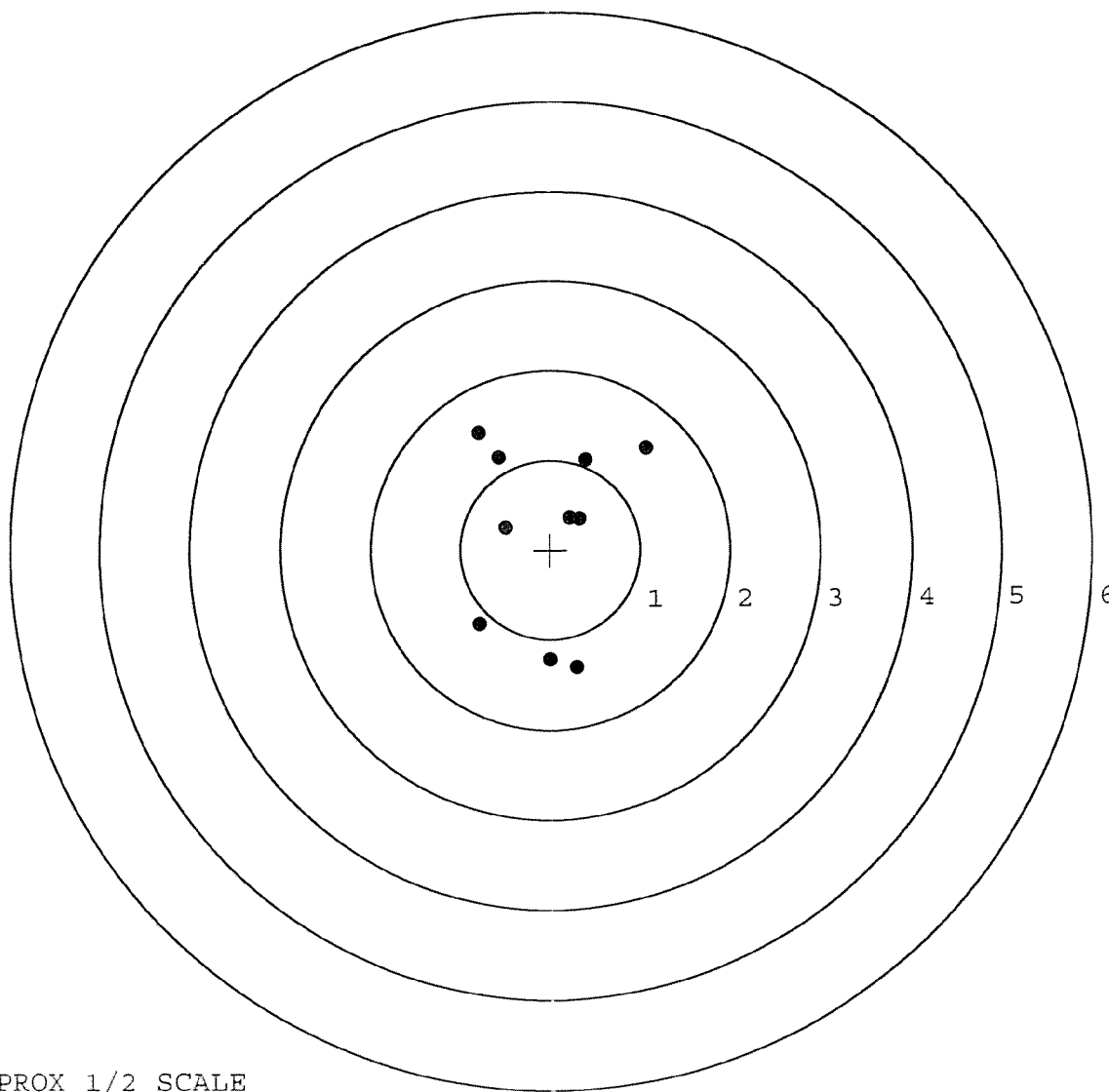


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349085. __0
TARGET NUMBER: 2
FILE DATE: 01/26/2004
FILE TIME: 09:08

POINT#	X	Y
1:	1.067	1.128
2:	0.397	1.006
3:	0.320	0.352
4:	0.214	0.362
5:	-0.791	1.300
6:	-0.572	1.033
7:	-0.500	0.252
8:	-0.793	-0.835
9:	-0.008	-1.233
10:	0.289	-1.320

X CENTROID: -0.038
Y CENTROID: 0.205
POA TO CENTROID: 0.208
HORZ SPREAD: 1.860
VERT SPREAD: 2.620
GROUP SPREAD: 2.834
MIN RADIUS: 0.297
MAX RADIUS: 1.559
MEAN RADIUS: 1.010
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349085. __0

TARGET NUMBER: 3

FILE DATE: 01/26/2004

FILE TIME: 09:08

POINT#	X	Y
1:	0.846	-1.828
2:	-0.626	-1.908
3:	-1.209	-1.377
4:	-0.651	-0.692
5:	0.216	-0.397
6:	0.724	0.184
7:	0.367	0.186
8:	0.375	0.557
9:	0.104	1.001
10:	-0.705	0.613

X CENTROID: -0.056

Y CENTROID: -0.366

POA TO CENTROID: 0.370

HORZ SPREAD: 2.055

VERT SPREAD: 2.909

GROUP SPREAD: 2.925

MIN RADIUS: 0.274

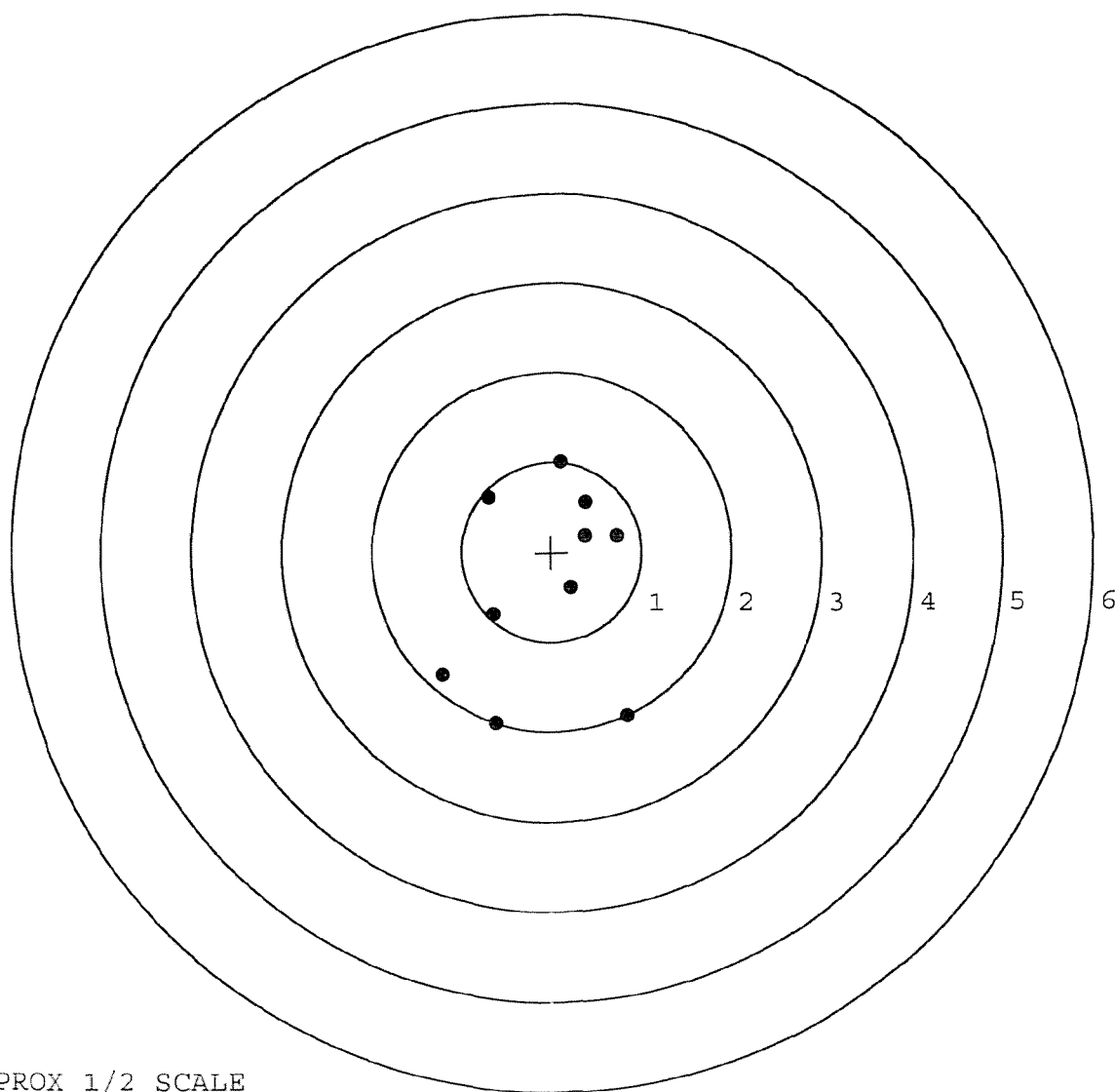
MAX RADIUS: 1.718

MEAN RADIUS: 1.107

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

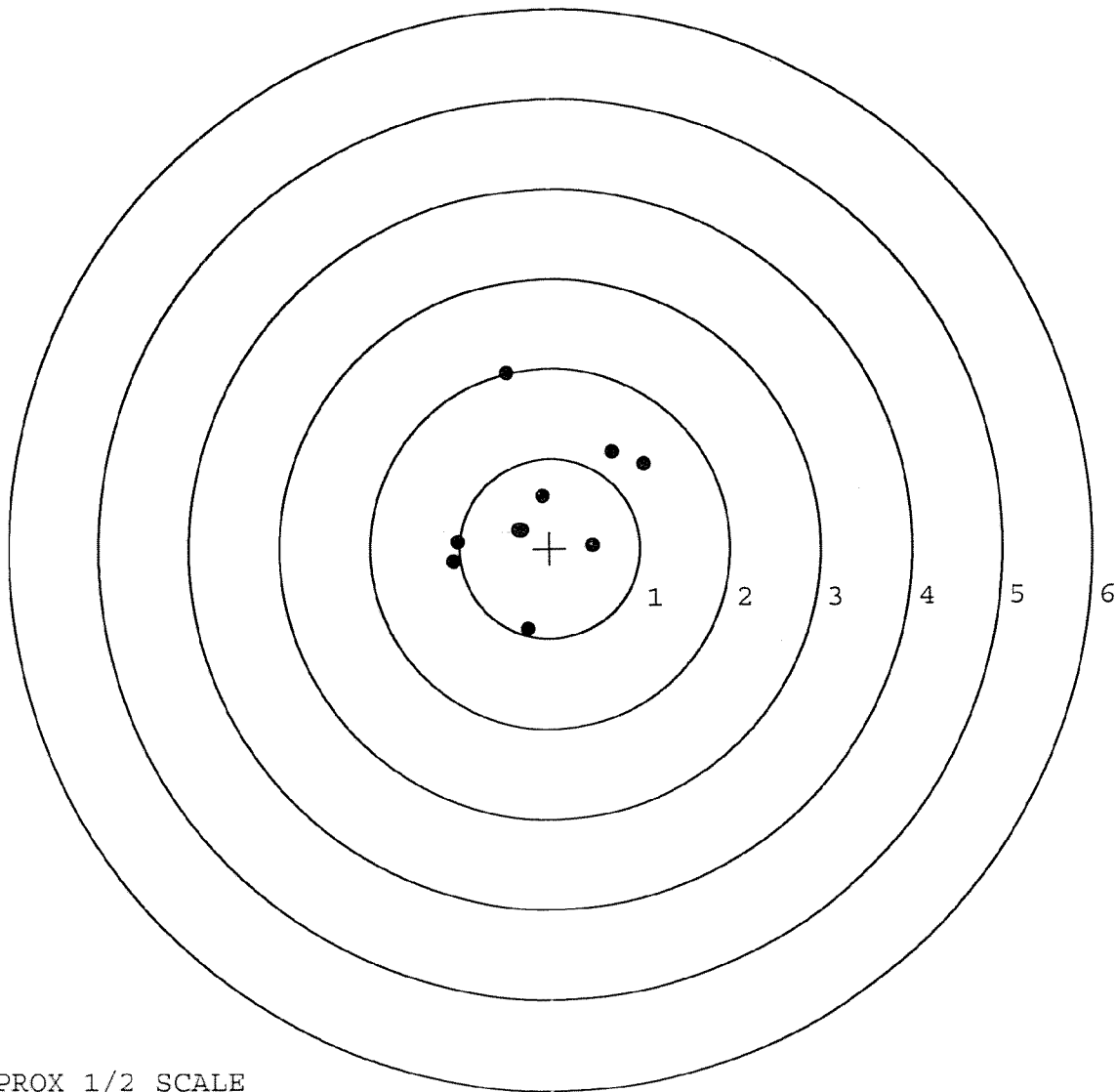


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349085. __0
TARGET NUMBER: 4
FILE DATE: 01/26/2004
FILE TIME: 09:08

X CENTROID: -0.135
Y CENTROID: 0.399
POA TO CENTROID: 0.422
HORZ SPREAD: 2.109
VERT SPREAD: 2.853
GROUP SPREAD: 2.862
MIN RADIUS: 0.193
MAX RADIUS: 1.587
MEAN RADIUS: 0.874
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.042	0.936
2:	0.690	1.072
3:	-0.480	1.948
4:	-0.083	0.585
5:	-0.347	0.208
6:	0.476	0.029
7:	-0.248	-0.905
8:	-1.024	0.072
9:	-1.067	-0.159
10:	-0.307	0.208



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349085. __0

TARGET NUMBER: 5

FILE DATE: 01/26/2004

FILE TIME: 09:08

X CENTROID: -0.210

Y CENTROID: -0.089

POA TO CENTROID: 0.228

HORZ SPREAD: 1.638

VERT SPREAD: 1.156

GROUP SPREAD: 1.641

MIN RADIUS: 0.258

MAX RADIUS: 0.873

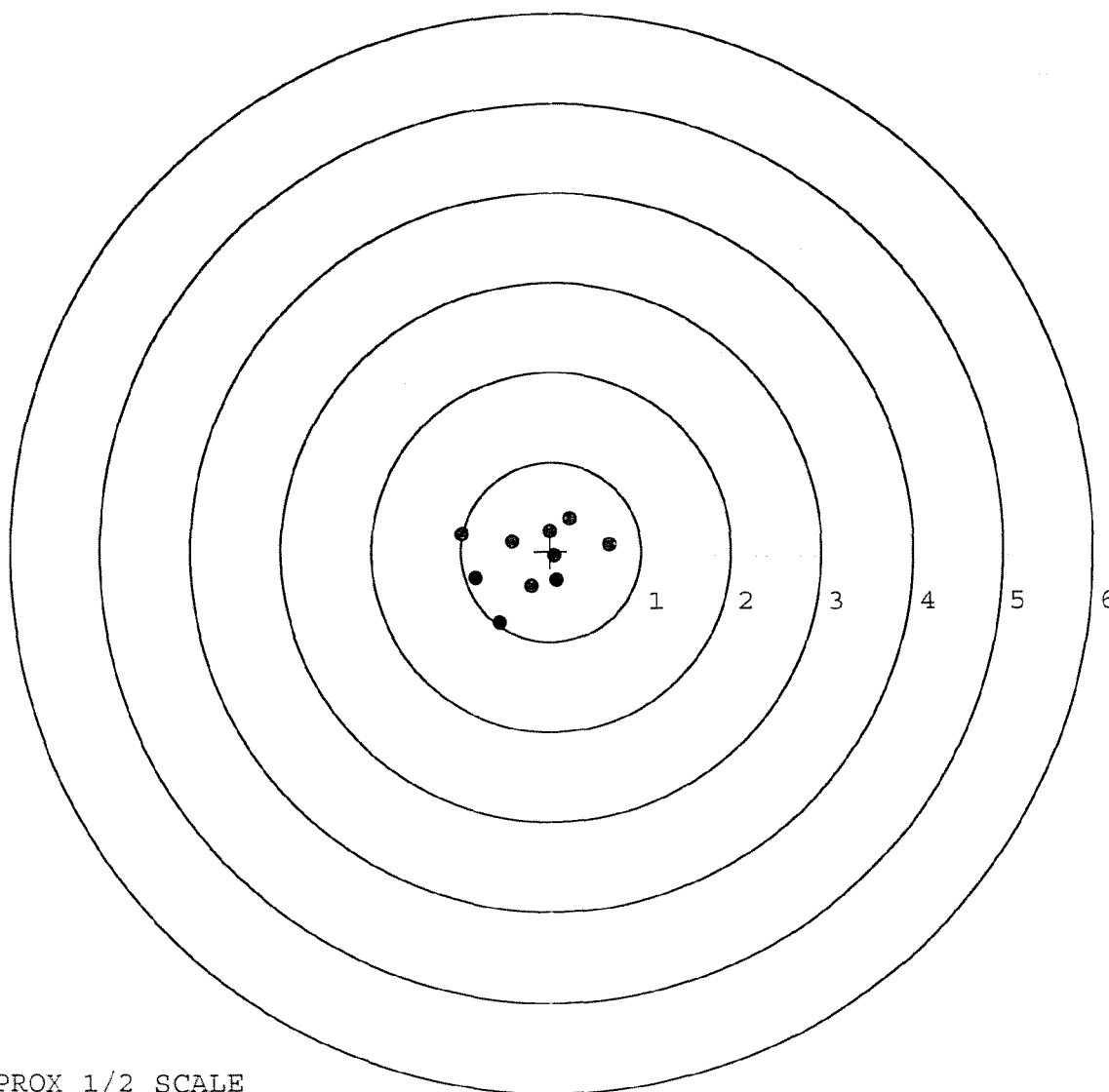
MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.991	0.187
2:	-0.839	-0.296
3:	-0.576	-0.792
4:	-0.218	-0.391
5:	-0.433	0.115
6:	0.070	-0.326
7:	0.647	0.081
8:	0.209	0.364
9:	-0.010	0.222
10:	0.045	-0.050



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	074631		
SERIAL NUMBER	C6349085		
LOG-IN DATE	12-29-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-5-04	RW
560 A	RE-BARREL	1-7-04	RTL
B	DRILL AND TAP	1-9-04	TRW
575	ASSEMBLE	1-8-04	RTL
600	PROOF	1-8-04	RW
605	CHECK HEADSPACE	1-8-04	RW
610	DIS-ASSEMBLE GUN	1-8-04	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	1-13-04	JB
618	ROTO-BLAST	1/13/2004	Dans
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-20-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-26-04	RTL
655	FINAL INSPECT	1-26-04	AK
660	PACK	1-29-04	OTA
		SHIP DATE	
QAR INSPECTION DATE			

Remington
 MODEL 700TH H24

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

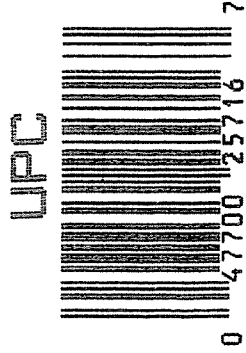
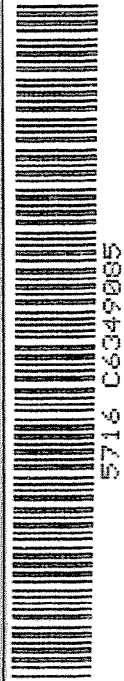
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6349085

ORDER NO.
 5716

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

Ø1



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349085

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	90	RW
600	Proof	4 12	90	A
607	Check Headspace	4 12	90	A
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		G.S.
617	Drill and Tap Sight Holes		4/23/90	FB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/30/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/11/90	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/11/90	JH
	G) Safety Off Force	2	2	2			5/11/90	JH
	H) Trigger Pull Test & Retainability						5/11/90	JH
	I) Firing Pin Indent	.0205	.0205	.0205			5/11/90	JH
	J) Assemble Stock						5/15/90	RW
	K) Assemble Swivel Studs						5/17/90	WB
	L) Attach Front and Rear Sight Assemblies						5/15/90	RW
	M) Iron Sight Alignment						5/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/15/90	RW
	O) Attach Scope to Rifle						5/15/90	JH
	P) Detach & Attach Scope 20 Times						5/15/90	JH
640	Gallery Target & Test						5-15-90	AC
	A) Time						5-15-90	AC
	B) Malfunctions						5-15-90	AC
	C) Pierced Primers						5-15-90	AC
	D) Optical Clarity of Scope						5-15-90	AC
645	Inspect for Live Ammo						5-15-90	AC
655	Final Inspection						5/17/90	WB
	A) Headspace							
	B) Trigger Pull	2.55	2.60	2.70	2.68	2.57	5/17/90	WB
	C) Function						5/17/90	WB
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. 06349085

DATE 5/11/90

TESTER gfl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.42	2.31	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.46	2.24	2.60	
PULL #3	2.44	2.40	2.21	2.70	
PULL #4	2.38	2.45	2.17	2.68	
PULL #5	2.45	2.42	2.21	2.57	
TOTAL	12.20	12.15	11.14		
AVG.	2.44	2.43	2.228		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.31		
PULL #2	3.29	3.24		
PULL #3	3.24	3.26		
PULL #4	3.24	3.23		
PULL #5	3.29	3.25		
TOTAL	16.32	16.29		
AVG.	3.264	3.258		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.14		4.42
PULL #2	4.28	4.20		4.45
PULL #3	4.21	4.16		4.49
PULL #4	4.36	4.27		4.50
PULL #5	4.19	4.23		4.50
TOTAL	21.29	21.00		22.36
AVG.	4.258	4.20		4.472

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349085
16 May 1990

CENTROIDAL DISTANCES

0	TO	1	.368262
1	TO	2	.324891
1	TO	3	.508709
1	TO	4	.505431
1	TO	5	.064622

5
4
3
2
1

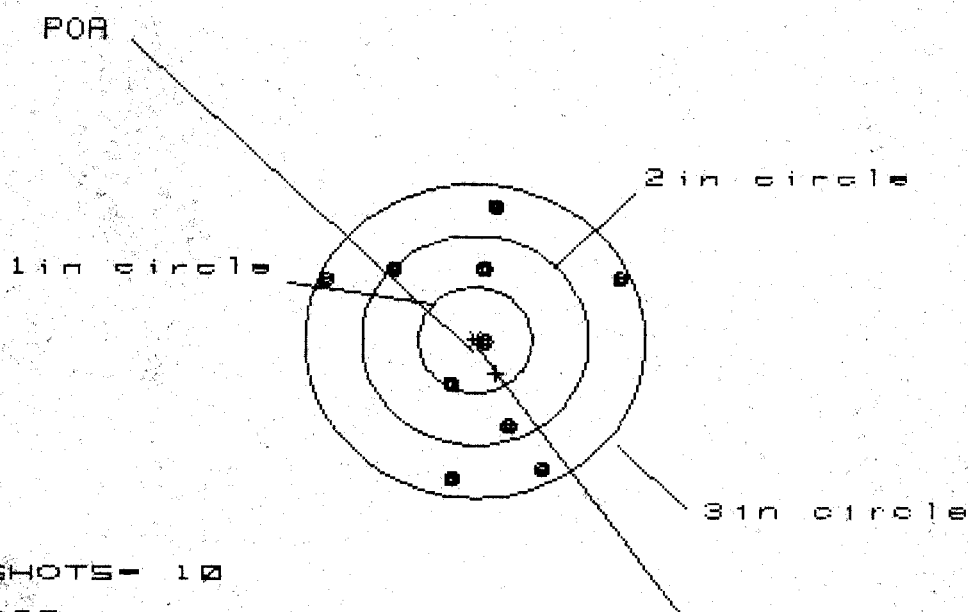
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .188
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188109
THE AMR FOR THIS RIFLE IS: .9612

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6348085

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.535

VS= 2.591

GS= 2.620

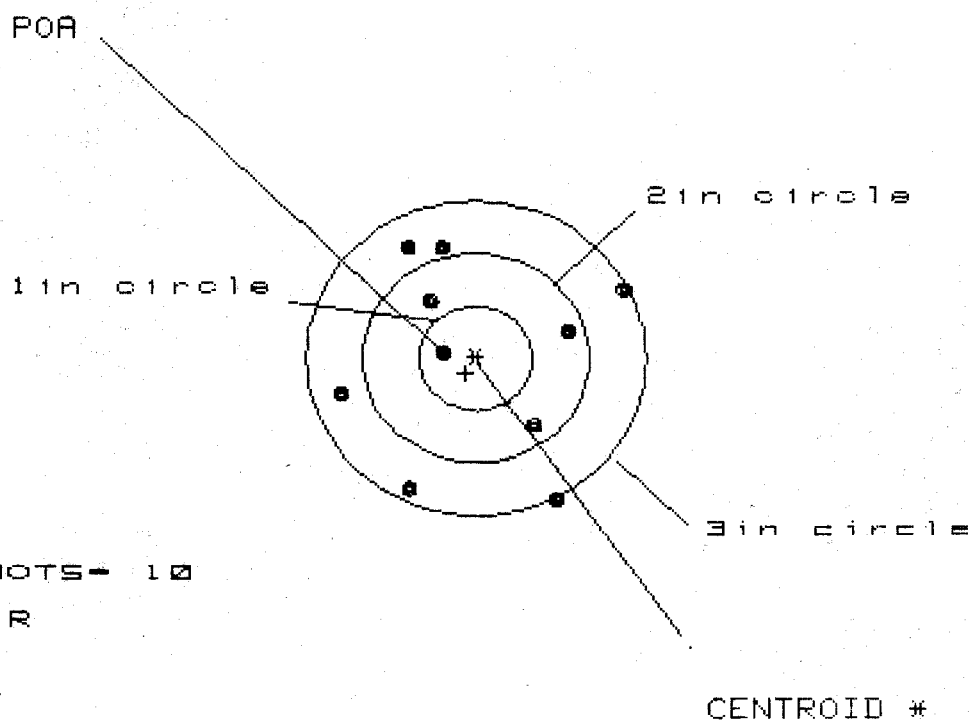
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.239	1.095	.573
MINIMUM X	:	-1.296	-.818	-.681
MAXIMUM Y	:	1.234	1.296	1.380
MINIMUM Y	:	-1.357	-1.295	-1.211
CENTROID X	:	-.184	-.040	-.177
CENTROID Y	:	.319	.257	.173
POA TO CENTROID in.	:	.369	.260	.248
MIN RADIUS	:	.110	.058	.112
MEAN RADIUS	:	.974	.916	.854
MAX RADIUS	:	1.413	1.349	1.388
HORIZONTAL SPREAD	:	2.535	1.913	1.254
VERTICAL SPREAD	:	2.591	2.591	2.591
EXTREME SPREAD	:	2.620	2.620	2.620
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349005

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in - 1

2in - 4

3in = 9

HS- 2.467

VS= 2.389

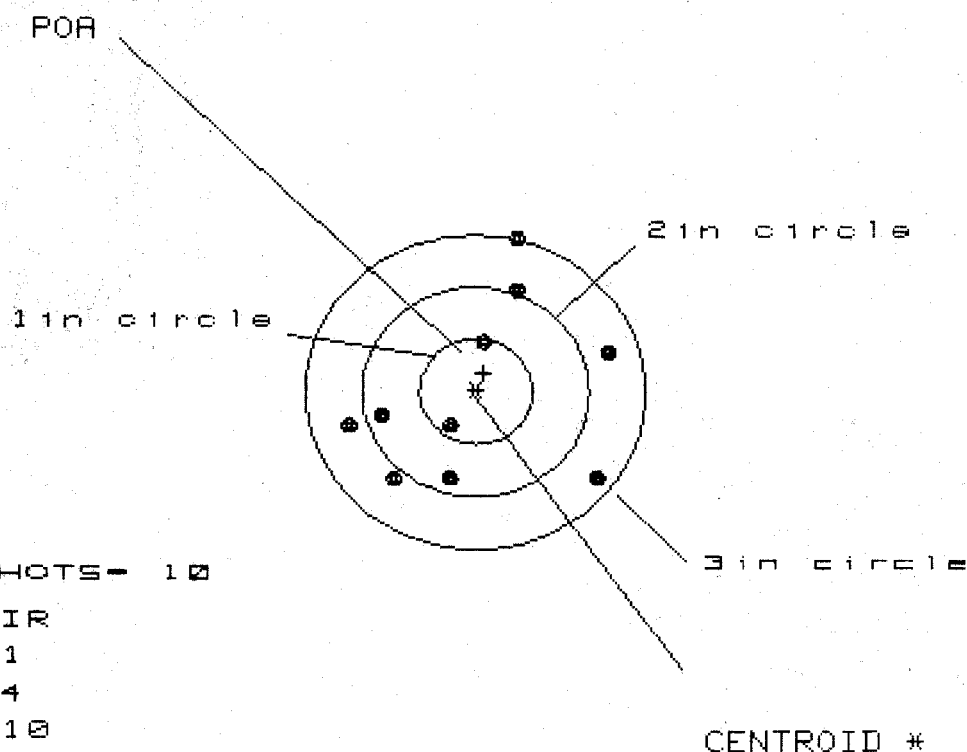
GS= 2.705

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.311	1.387	1.057
MINIMUM X	:	-1.156	-1.080	-.907
MAXIMUM Y	:	1.018	.866	.933
MINIMUM Y	:	-1.371	-1.352	-1.285
CENTROID X	:	.091	.015	-.158
CENTROID Y	:	.146	.298	.231
POA TO CENTROID in.	:	.172	.298	.280
MIN RADIUS	:	.258	.188	.010
MEAN RADIUS	:	1.040	.955	.858
MAX RADIUS	:	1.532	1.487	1.339
HORIZONTAL SPREAD	:	2.467	2.467	1.964
VERTICAL SPREAD	:	2.389	2.218	2.218
EXTREME SPREAD	:	2.705	2.705	2.240
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C63490B5

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 10

HS = 2.336

VS = 2.301

GS = 2.566

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	1.205	1.347
MINIMUM X	:	-1.175	-1.131	-.989
MAXIMUM Y	:	1.443	1.148	1.066
MINIMUM Y	:	-.858	-.698	-.780
CENTROID X	:	-.071	-.114	-.256
CENTROID Y	:	-.177	-.337	-.255
POA TO CENTROID in.	:	.191	.356	.362
MIN RADIUS	:	.390	.246	.235
MEAN RADIUS	:	1.008	.929	.860
MAX RADIUS	:	1.495	1.336	1.436
HORIZONTAL SPREAD	:	2.336	2.336	2.336
VERTICAL SPREAD	:	2.301	1.846	1.846
EXTREME SPREAD	:	2.566	2.458	2.458
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C63490B5

CENTERFIRE PATTERNS

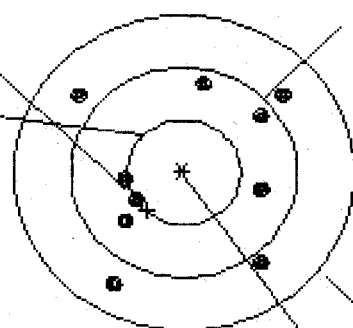
4

POA

1 in circle

2 in circle

3 in circle



CENTROID *

OF SHOTS- 10

IN CIR

1 in - 0

2 in - 6

3 in - 10

HS- 1.731

VS= 1.866

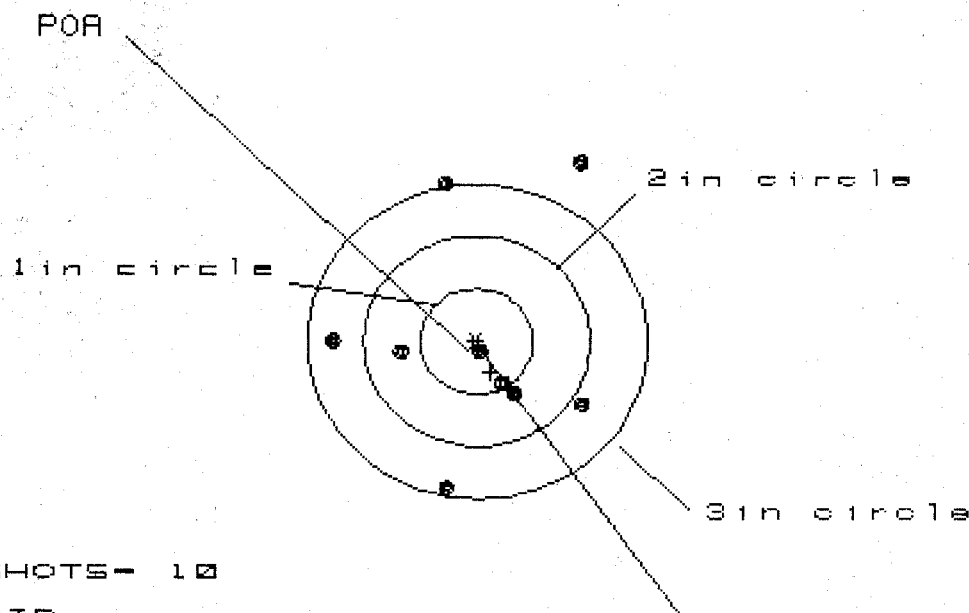
GS= 2.295

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.843	.777	.658
MINIMUM X	:	-.888	-.954	-.732
MAXIMUM Y	:	.815	.698	.771
MINIMUM Y	:	-1.051	-.968	-.895
CENTROID X	:	.320	.386	.505
CENTROID Y	:	.357	.474	.401
POA TO CENTROID in.	:	.479	.611	.645
MIN RADIUS	:	.509	.613	.520
MEAN RADIUS	:	.867	.826	.783
MAX RADIUS	:	1.208	1.154	1.030
HORIZONTAL SPREAD	:	1.731	1.731	1.390
VERTICAL SPREAD	:	1.866	1.666	1.666
EXTREME SPREAD	:	2.295	2.218	1.829
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C63490B5

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.231

VS= 3.071

GS= 3.287

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.945	1.012	.995
MINIMUM X	:	-1.286	-1.181	-1.198
MAXIMUM Y	:	1.673	1.658	.377
MINIMUM Y	:	-1.398	-1.212	-1.005
CENTROID X	:	-.124	-.229	-.212
CENTROID Y	:	.295	.109	-.098
POA TO CENTROID in.	:	.320	.254	.234
MIN RADIUS	:	.140	.132	.271
MEAN RADIUS	:	.917	.770	.660
MAX RADIUS	:	1.922	1.664	1.256
HORIZONTAL SPREAD	:	2.231	2.193	2.193
VERTICAL SPREAD	:	3.071	2.870	1.382
EXTREME SPREAD	:	3.287	2.870	2.268
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		