

C6594657

MODEL 788™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Call and

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00038569** Serial: C6594657 Model 700 Center Fire Caliber 7.62 NATO M24 SWS WOGS 17 of 18 Repairman: Status: Closed 1/2/02 9:07:48 AM

Address Information

Customer: Received From Return To Received From

Name: **HECTOR M ROCA** **HECTOR M ROCA**

Address 1: **BC0 3RD SFG A** **BC0 3RD SFG A**

Address 2: **PO Box** **PO Box**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

EFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 432 3918**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Description	Qty
A007	With Stud	2
A017	Scope Base	1

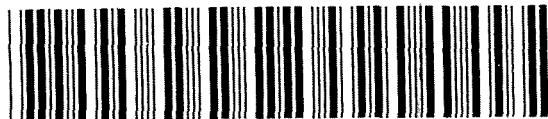
Repair Search **Refresh** **Close**

maglev 1/2/02 10:23 AM CAPS NUM INS SCFL

Start Info... Calc... Scor... SW... Sta... Ar... Print... 10:23 AM

Serial Number: **C6594657**

Model: **700**



RE00038569

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594657.___0

FILE DATE AND TIME: 01/11/2002 03:48

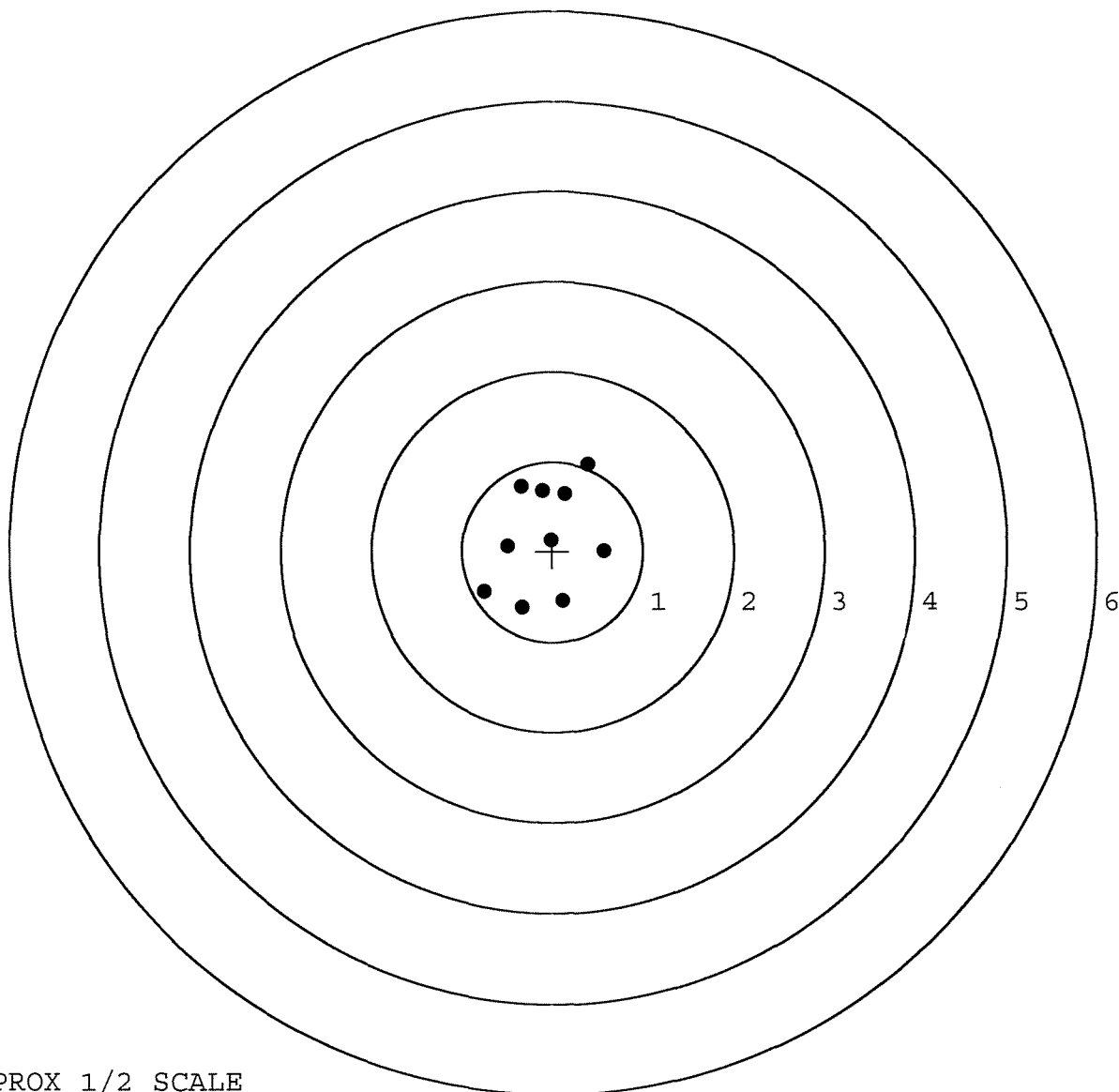
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.013
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.485
The Distance from POA to Centroid Target #1:	0.181
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.374
The Distance from Centroid Target #4 to Centroid Target #1:	0.116
The Distance from Centroid Target #5 to Centroid Target #1:	0.215

SERIAL NUMBER: C6594657. __0
 TARGET NUMBER: 1
 FILE DATE: 01/11/2002
 FILE TIME: 03:48

X CENTROID: -0.086
 Y CENTROID: 0.159
 POA TO CENTROID: 0.181
 HORZ SPREAD: 1.324
 VERT SPREAD: 1.603
 GROUP SPREAD: 1.832
 MIN RADIUS: 0.080
 MAX RADIUS: 0.947
 MEAN RADIUS: 0.626
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.757	-0.451
2:	-0.336	-0.625
3:	-0.496	0.059
4:	0.114	-0.552
5:	-0.014	0.125
6:	0.567	0.013
7:	0.389	0.978
8:	0.136	0.642
9:	-0.118	0.675
10:	-0.347	0.726



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594657. __0

TARGET NUMBER: 2

FILE DATE: 01/11/2002

FILE TIME: 03:48

X CENTROID: -0.050

Y CENTROID: 0.029

POA TO CENTROID: 0.058

HORZ SPREAD: 0.917

VERT SPREAD: 1.217

GROUP SPREAD: 1.304

MIN RADIUS: 0.070

MAX RADIUS: 0.806

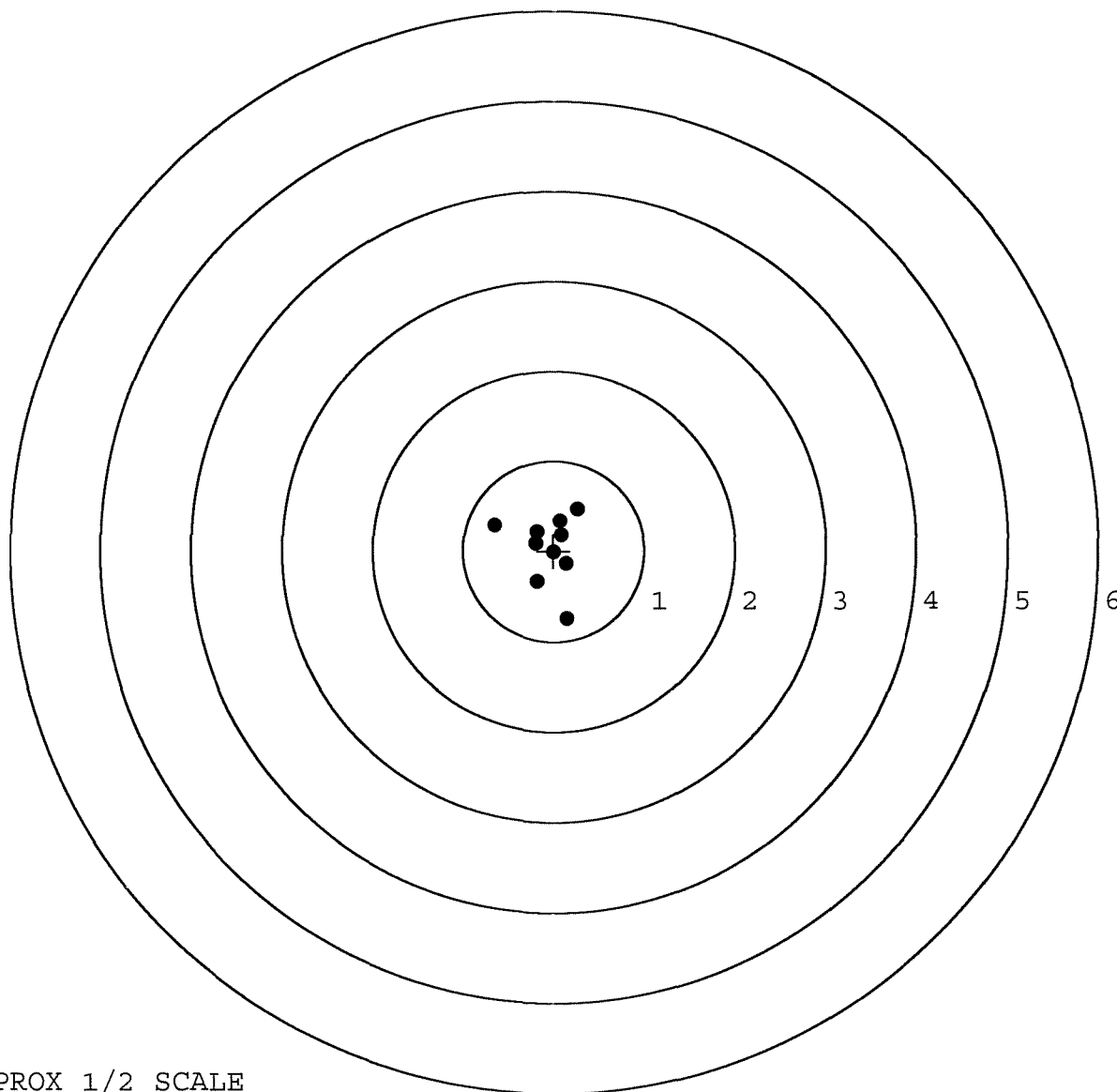
MEAN RADIUS: 0.363

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.261	0.464
2:	-0.184	0.212
3:	-0.656	0.274
4:	0.148	-0.753
5:	-0.186	-0.342
6:	0.143	-0.141
7:	-0.197	0.083
8:	0.088	0.176
9:	0.005	-0.014
10:	0.077	0.328



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594657. __0

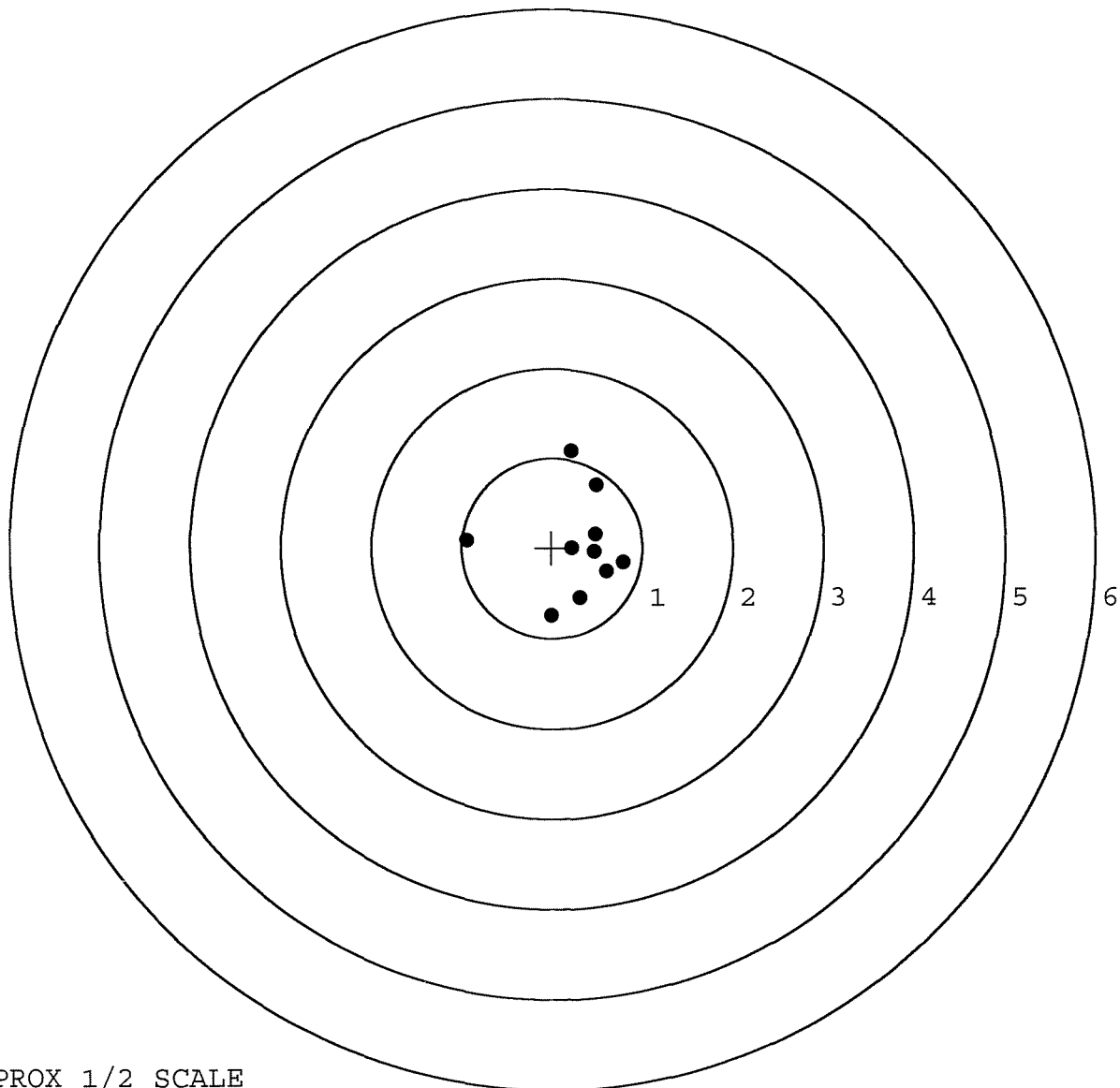
TARGET NUMBER: 3

FILE DATE: 01/11/2002

FILE TIME: 03:48

X CENTROID: 0.263
 Y CENTROID: 0.024
 POA TO CENTROID: 0.264
 HORZ SPREAD: 1.730
 VERT SPREAD: 1.842
 GROUP SPREAD: 1.747
 MIN RADIUS: 0.052
 MAX RADIUS: 1.207
 MEAN RADIUS: 0.592
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.218	1.084
2:	0.492	0.706
3:	-0.943	0.082
4:	-0.007	-0.758
5:	0.307	-0.556
6:	0.221	-0.007
7:	0.601	-0.260
8:	0.787	-0.164
9:	0.486	0.158
10:	0.468	-0.041

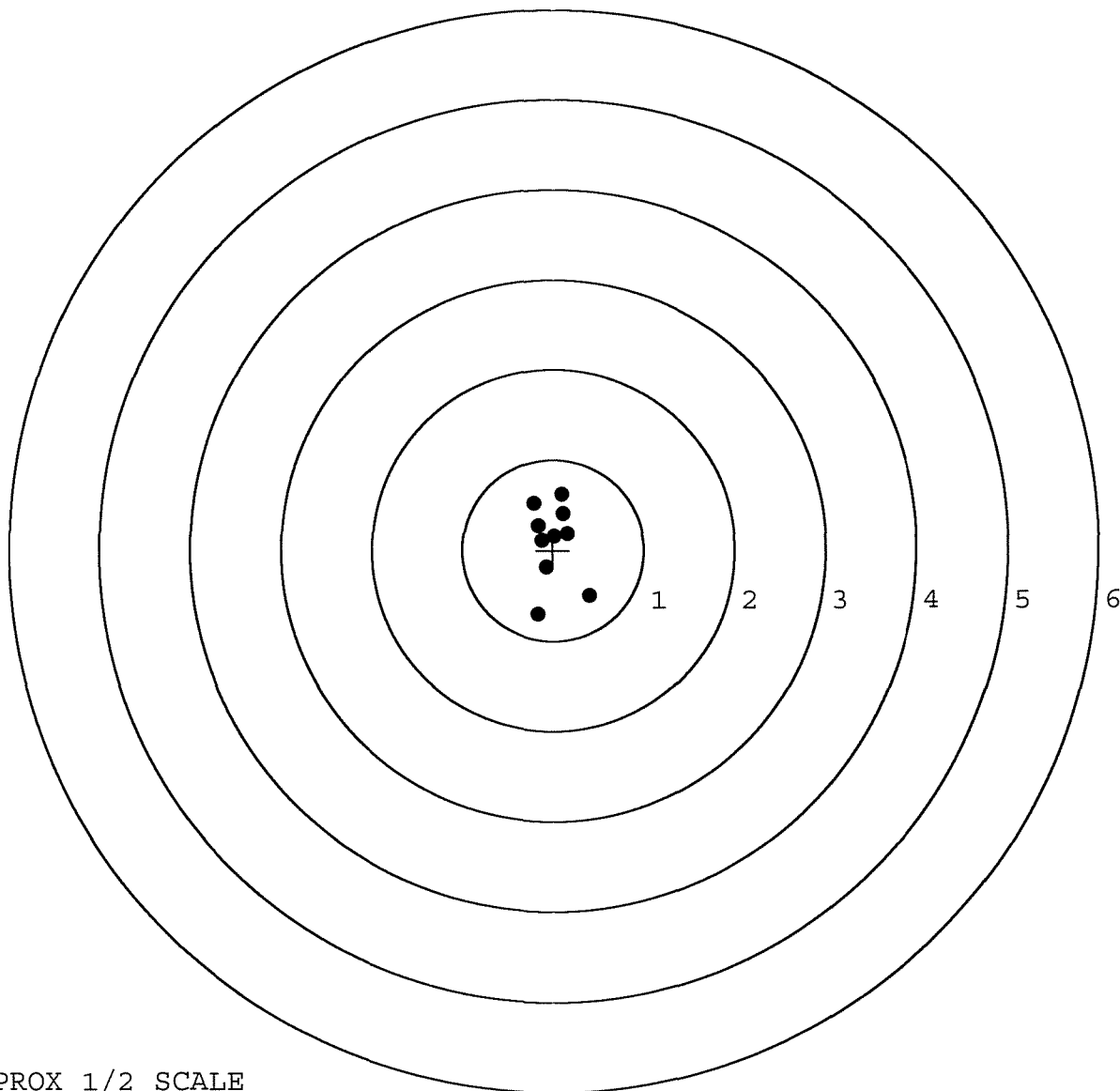


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594657.____0
 TARGET NUMBER: 4
 FILE DATE: 01/11/2002
 FILE TIME: 03:48

X CENTROID: 0.004
 Y CENTROID: 0.085
 POA TO CENTROID: 0.085
 HORZ SPREAD: 0.618
 VERT SPREAD: 1.326
 GROUP SPREAD: 1.352
 MIN RADIUS: 0.075
 MAX RADIUS: 0.814
 MEAN RADIUS: 0.381
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.167	-0.711
2:	0.402	-0.505
3:	0.099	0.615
4:	-0.216	0.517
5:	-0.163	0.271
6:	-0.126	0.107
7:	-0.078	-0.189
8:	0.161	0.181
9:	0.109	0.403
10:	0.015	0.159

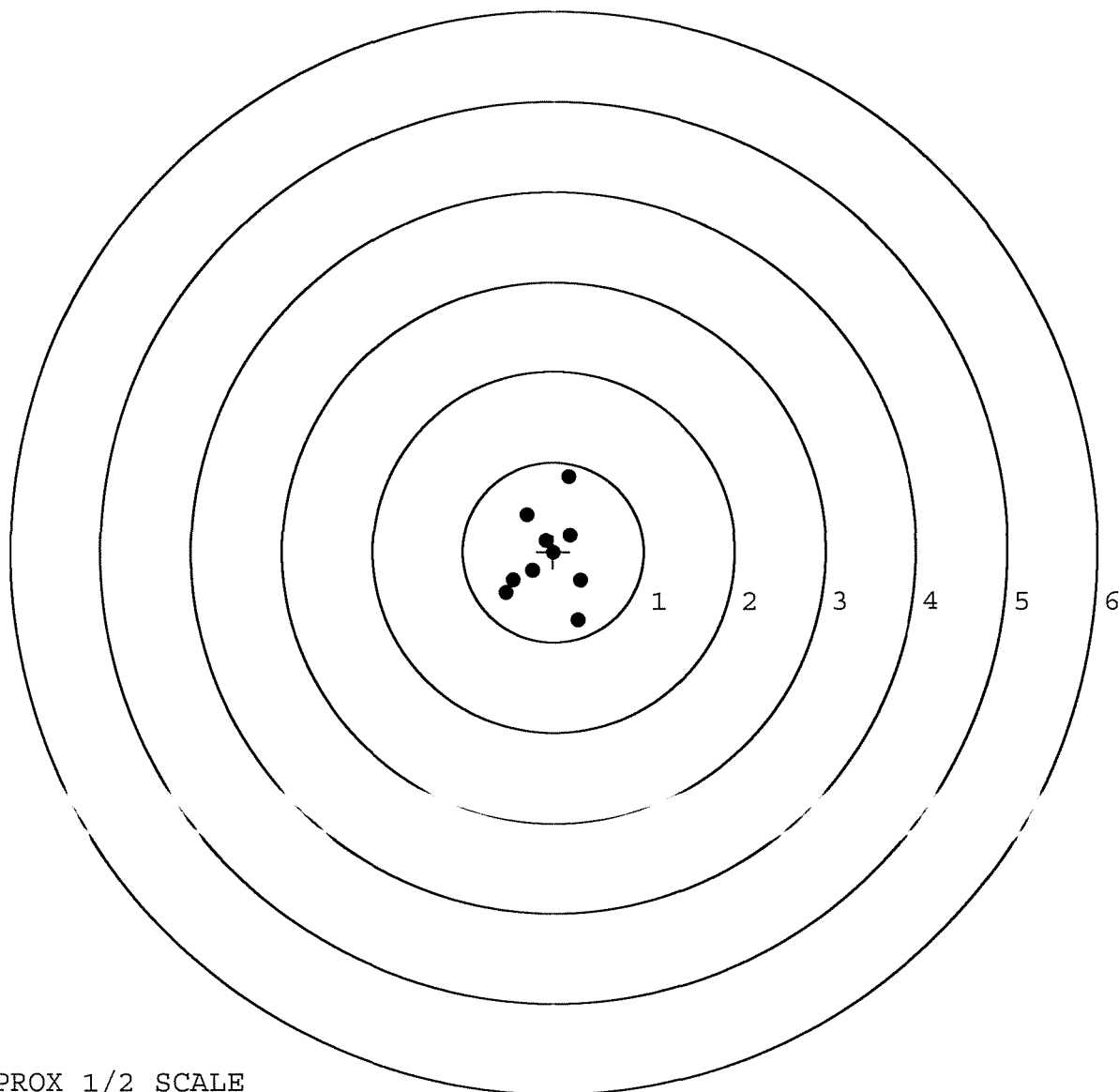


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594657.____0
 TARGET NUMBER: 5
 FILE DATE: 01/11/2002
 FILE TIME: 03:48

X CENTROID: -0.063
 Y CENTROID: -0.055
 POA TO CENTROID: 0.084
 HORZ SPREAD: 0.829
 VERT SPREAD: 1.599
 GROUP SPREAD: 1.603
 MIN RADIUS: 0.077
 MAX RADIUS: 0.923
 MEAN RADIUS: 0.461
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.171	0.838
2:	0.278	-0.761
3:	0.305	-0.325
4:	-0.524	-0.465
5:	-0.299	0.411
6:	0.191	0.186
7:	-0.083	0.121
8:	0.003	-0.017
9:	-0.231	-0.216
10:	-0.446	-0.322



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 38569

SERIAL NUMBER C6594657

LOG-IN DATE 1-2-02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-02	<i>[Signature]</i>
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	BWT
B	DRILL AND TAP	1-3-02	BWT
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX	OPERATOR <i>AL</i>	
615	ROLLMARK CALIBER	1-7-02	B3
618	ROTO-BLAST	1/7	KO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	<i>[Signature]</i>
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-11-02	<i>[Signature]</i>
655	FINAL INSPECT	1-12-02	<i>[Signature]</i>
660	PACK	1-12-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

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

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

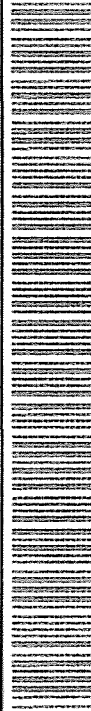
MODEL 700™ M24

SERIAL NO.
C6594657

ORDER NO.
5716

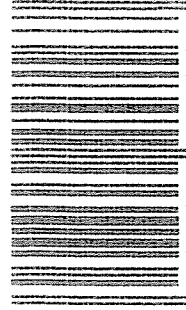
20

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



5716 C6594657

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594657

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/20/90	K.S.
600	Proof		12/20/90	K.S.
607	Check Headspace		12/20/90	K.S.
610	Dis-assemble Gun		12/20/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GL
617	Drill and Tap Sight Holes	1 10 91		FL
618	Polish Barrel	1 10 91		W
620	Apply Coatings (Barrel Action)		1-27-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/29/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/29/91	KS
	C) Inspect Ejector Hole for Chamfer		1/29/91	KS
	D) Oil Firing Pin Ass'y		1/29/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/30/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	6 1/2	6 1/2			1/30/91	WV
	G) Safety Off Force	3	3	3			1/30/91	WV
	H) Trigger Pull Test & Retainability						1/30/91	JH
	I) Firing Pin Indent	.0205	.021	.021			1/30/91	WV
	J) Assemble Stock						1/30/91	KS
	K) Assemble Swivel Studs						2-4-91	KS
	L) Attach Front and Rear Sight Assemblies						1/30/91	KS
	M) Iron Sight Alignment						1/30/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/30/91	KS
	O) Attach Scope to Rifle						1/30/91	KS
	P) Detach & Attach Scope 20 Times						1/30/91	KS
640	Gallery Target & Test						1-31-91	AC
	A) Time						1-31-91	AC
	B) Malfunctions						1-31-91	AC
	C) Pierced Primers						1-31-91	AC
	D) Optical Clarity of Scope						1-31-91	AC
645	Inspect for Live Ammo						1-31-91	AC
655	Final Inspection						2-4-91	AC
	A) Headspace						2-4-91	JH
	B) Trigger Pull	2.31	2.20	2.30	2.33	2.21	2-4-91	JH
	C) Function						2-4-91	AC
660	Pack						3/15/91	WV

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

SERIAL NO. C6594657DATE 1/30/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	2.30	2.31	MIN. SETTING,
PULL #2	2.53	2.53	2.33	2.20	NO AVG. OF 5
PULL #3	2.46	2.52	2.48	2.30	READINGS ACCEPT-
PULL #4	2.49	2.20	2.30	2.33	ABLE LESS THAN 2#
PULL #5	2.29	2.29	2.28	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.13		
PULL #2	3.34	3.14		
PULL #3	3.30	3.14		
PULL #4	3.33	3.34		
PULL #5	3.29	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.14		4.41
PULL #2	4.52	4.35		4.30
PULL #3	4.46	4.22		4.20
PULL #4	4.22	4.50		4.18
PULL #5	4.36	4.32		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594657
31 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.114983
1 TO	2	.427791
1 TO	3	.233026
1 TO	4	.0633877
1 TO	5	.214406

2
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0302
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0116
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0323512
THE AMR FOR THIS RIFLE IS: .7678

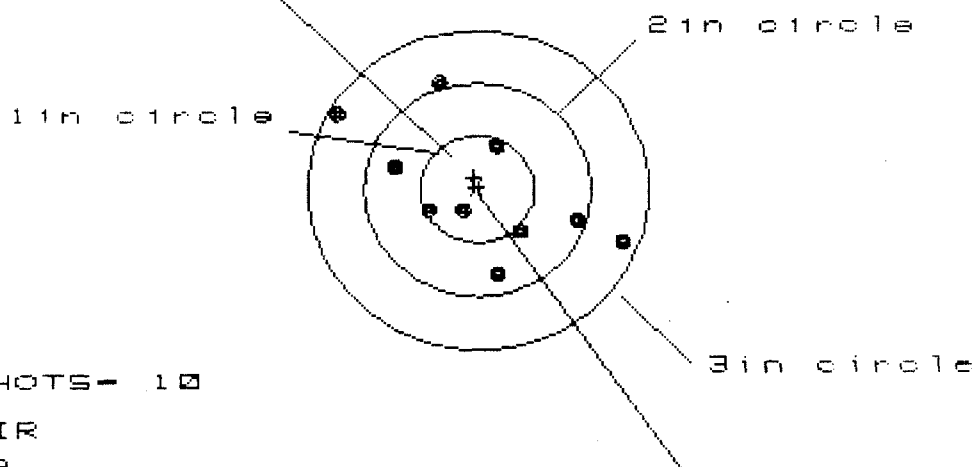
31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594657

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in = 10

HS= 2.512

VS= 1.736

GS= 2.780

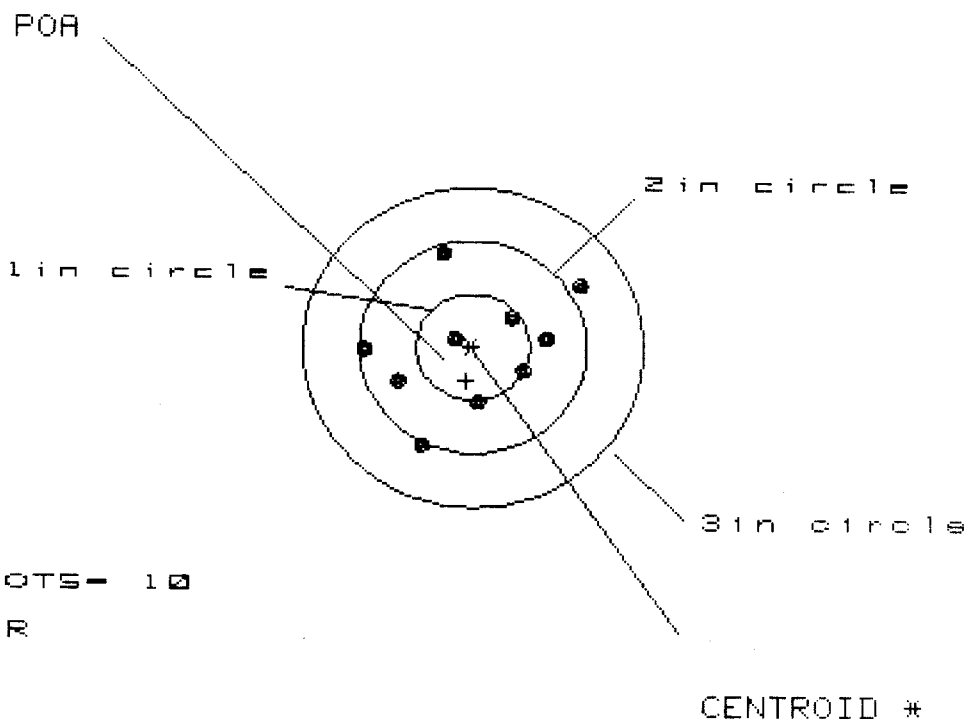
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.282	1.145	.838
MINIMUM X	-1.230	-.899	-.756
MAXIMUM Y	.996	1.070	1.014
MINIMUM Y	-.740	-.666	-.722
CENTROID X	.030	.167	.024
CENTROID Y	-.111	-.185	-.129
POA TO CENTROID in.	.115	.249	.131
MIN RADIUS	.192	.261	.174
MEAN RADIUS	.798	.724	.647
MAX RADIUS	1.399	1.230	1.061
HORIZONTAL SPREAD	2.512	2.044	1.594
VERTICAL SPREAD	1.736	1.736	1.736
EXTREME SPREAD	2.780	2.207	1.810
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594657

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 9

3 in = 10

HS- 1.893

VS= 1.766

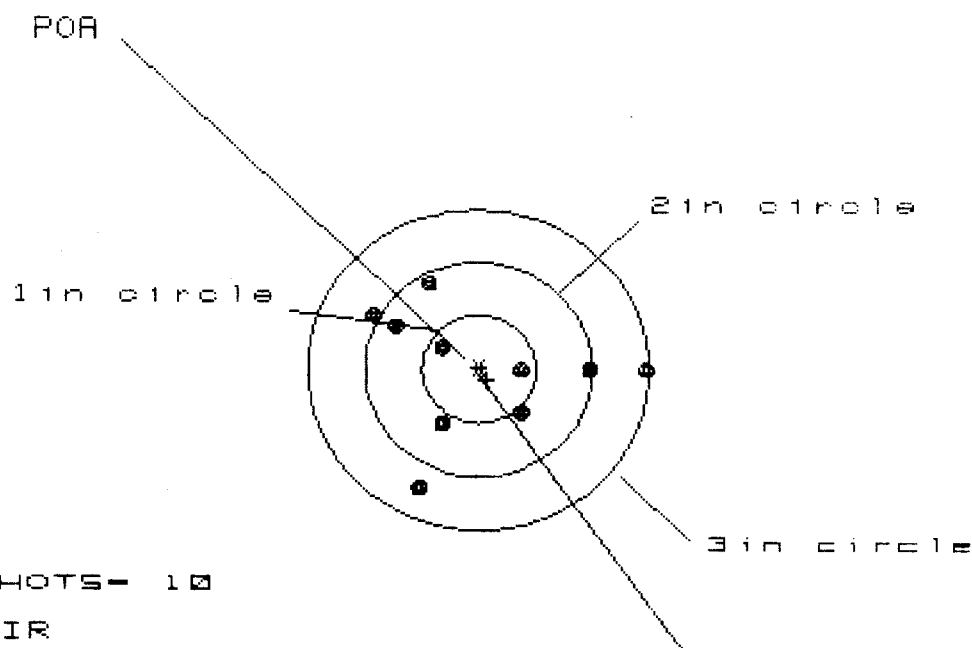
GS= 2.058

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.982	.789	.745
MINIMUM X	:	-.911	-.802	-.846
MAXIMUM Y	:	.888	.953	.852
MINIMUM Y	:	-.878	-.813	-.597
CENTROID X	:	.056	-.053	-.009
CENTROID Y	:	.316	.250	.351
POA TO CENTROID in.	:	.320	.255	.352
MIN RADIUS	:	.228	.209	.154
MEAN RADIUS	:	.704	.650	.610
MAX RADIUS	:	1.146	.964	.872
HORIZONTAL SPREAD	:	1.893	1.591	1.591
VERTICAL SPREAD	:	1.766	1.766	1.448
EXTREME SPREAD	:	2.058	1.778	1.591
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594657

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.446

VS= 1.959

GS= 2.492

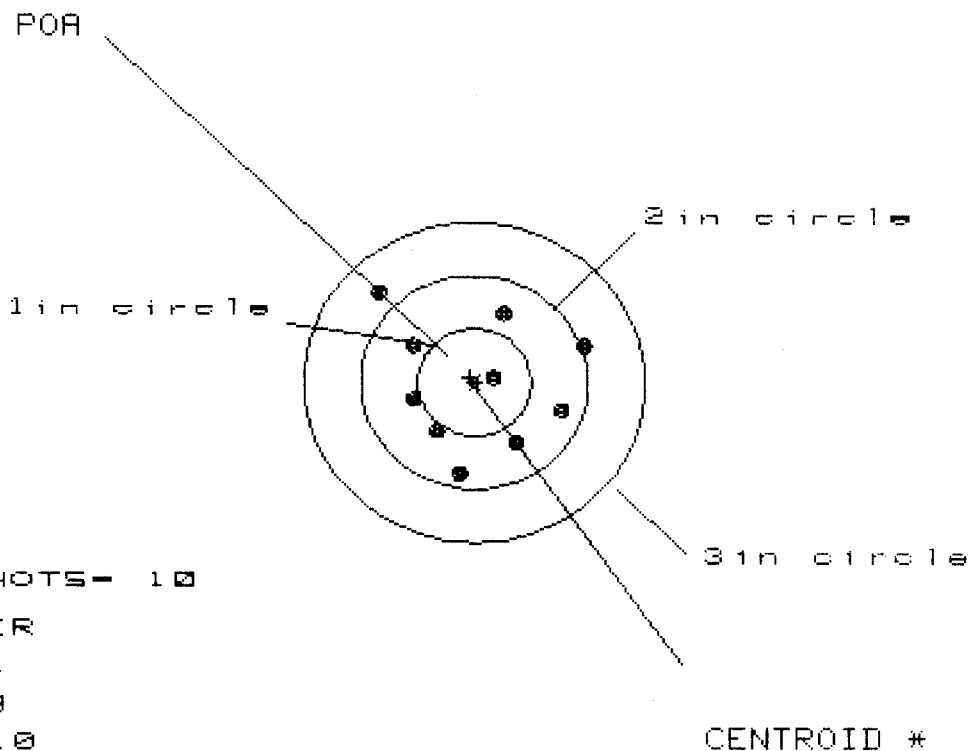
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.501	1.122	1.072
MINIMUM X	:	-.945	-.778	-.828
MAXIMUM Y	:	.847	.849	.711
MINIMUM Y	:	-1.111	-1.110	-.593
CENTROID X	:	-.071	-.238	-.188
CENTROID Y	:	.099	.098	.236
POA TO CENTROID in.	:	.122	.257	.302
MIN RADIUS	:	.418	.303	.263
MEAN RADIUS	:	.842	.753	.690
MAX RADIUS	:	1.501	1.179	1.085
HORIZONTAL SPREAD	:	2.446	1.900	1.900
VERTICAL SPREAD	:	1.959	1.959	1.304
EXTREME SPREAD	:	2.492	1.972	1.972
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594657

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 9

3 in = 10

HS= 1.714

VS= 1.658

GS= 1.887

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.924	.837	.765
MINIMUM X	-.789	-.632	-.528
MAXIMUM Y	.841	.788	.841
MINIMUM Y	-.817	-.723	-.670
CENTROID X	.037	.125	.021
CENTROID Y	-.048	-.142	-.195
POA TO CENTROID in.	.061	.189	.196
MIN RADIUS	.150	.177	.268
MEAN RADIUS	.711	.654	.610
MAX RADIUS	1.154	.940	.872
HORIZONTAL SPREAD	1.714	1.469	1.293
VERTICAL SPREAD	1.658	1.511	1.511
EXTREME SPREAD	1.887	1.586	1.558
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

31 Jan 1991

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.405

VS= 2.685

GS= 2.692

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.637	.686	.650
MINIMUM X	:	-.768	-.719	-.633
MAXIMUM Y	:	.971	.780	.658
MINIMUM Y	:	-1.714	-.887	-.789
CENTROID X	:	.099	.050	-.036
CENTROID Y	:	-.314	-.123	-.221
POA TO CENTROID in.	:	.329	.133	.224
MIN RADIUS	:	.257	.064	.156
MEAN RADIUS	:	.784	.622	.574
MAX RADIUS	:	1.770	1.051	1.022
HORIZONTAL SPREAD	:	1.405	1.405	1.283
VERTICAL SPREAD	:	2.685	1.667	1.447
EXTREME SPREAD	:	2.692	1.833	1.663
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	