

C6594657

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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 9:07:49 AM**

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

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

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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

Repair Search Refresh Close

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

Start Inbo... Calc... Scor... SW... Ira... 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

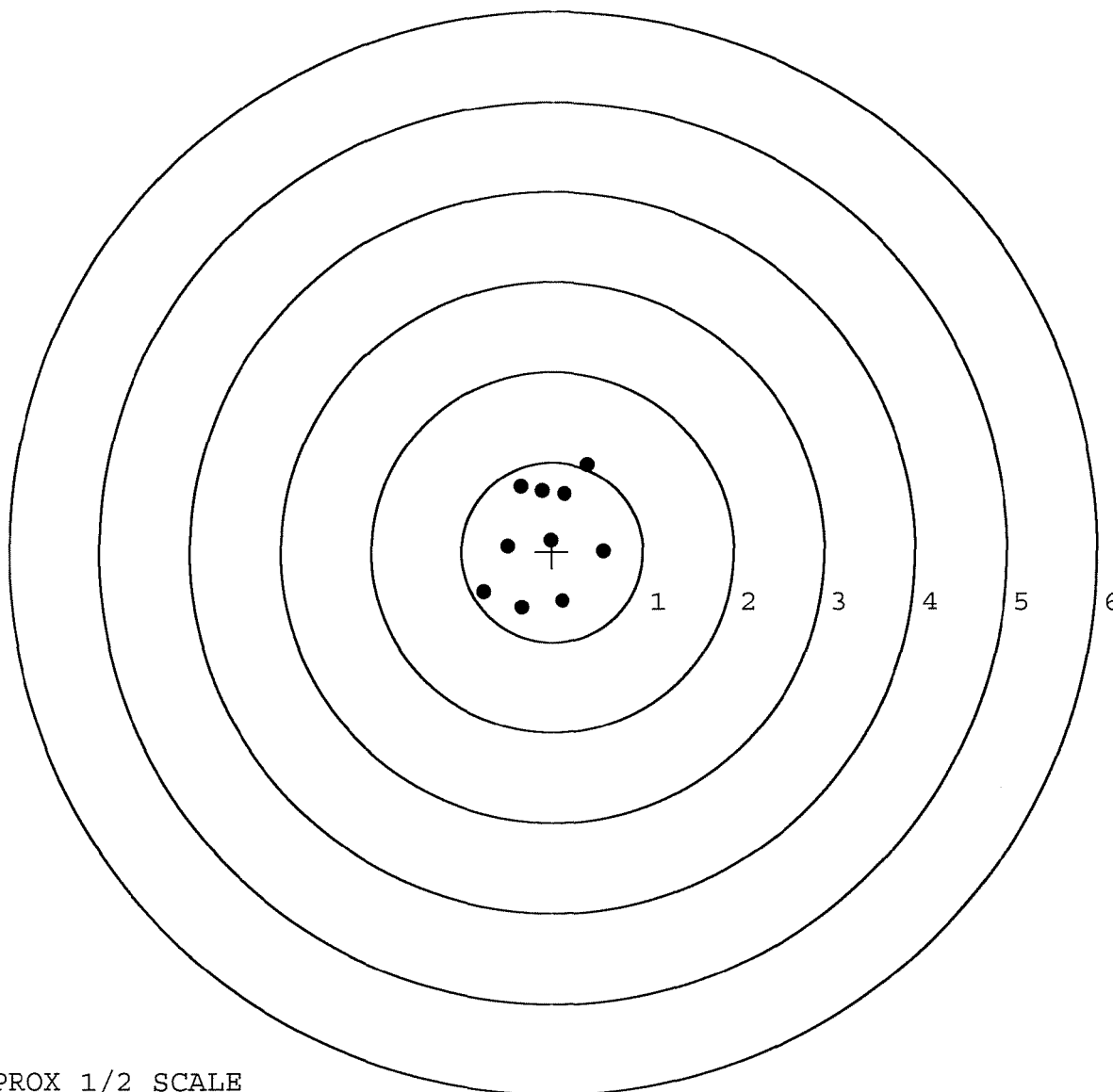
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

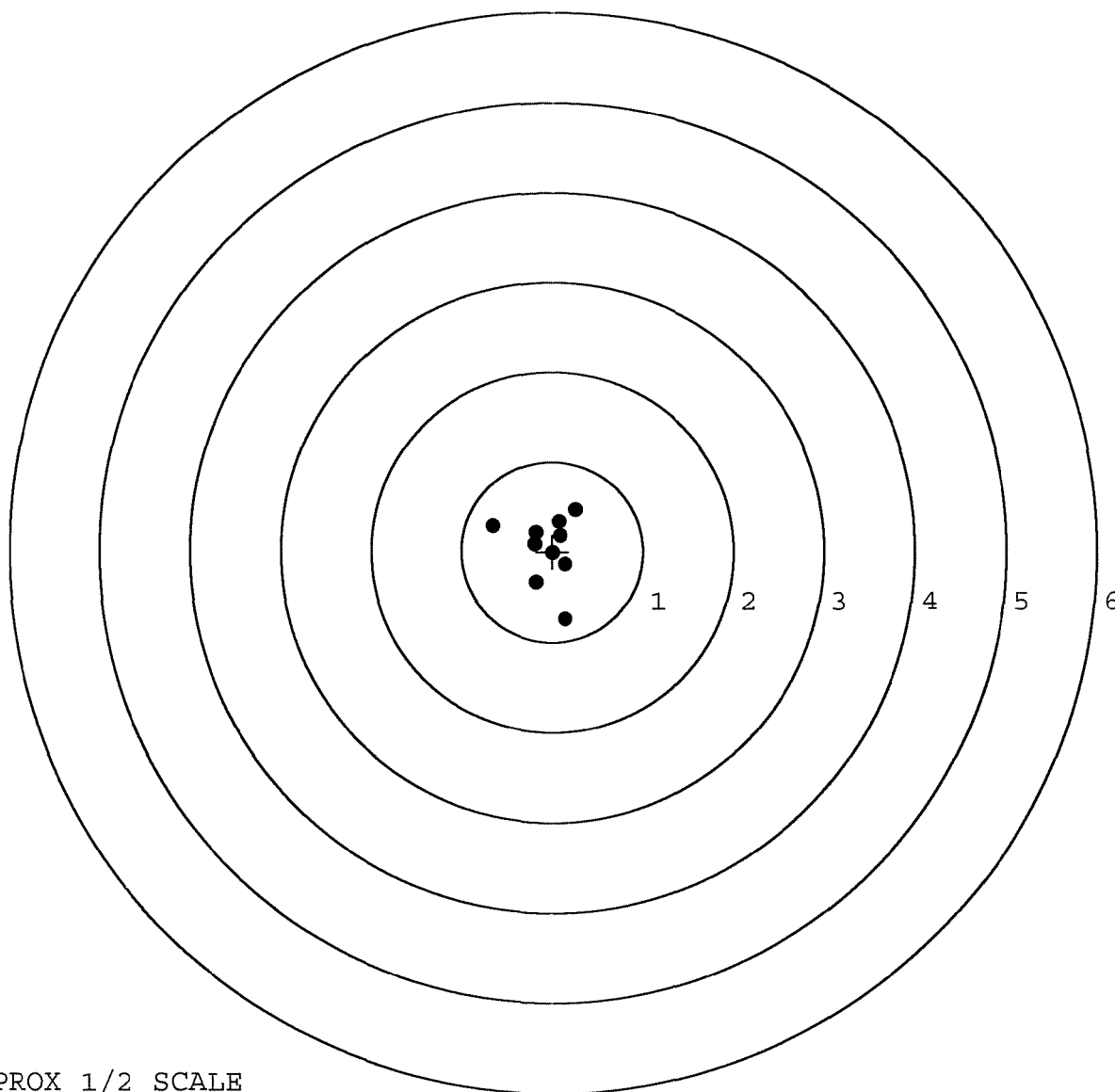


TARGET APPROX 1/2 SCALE

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

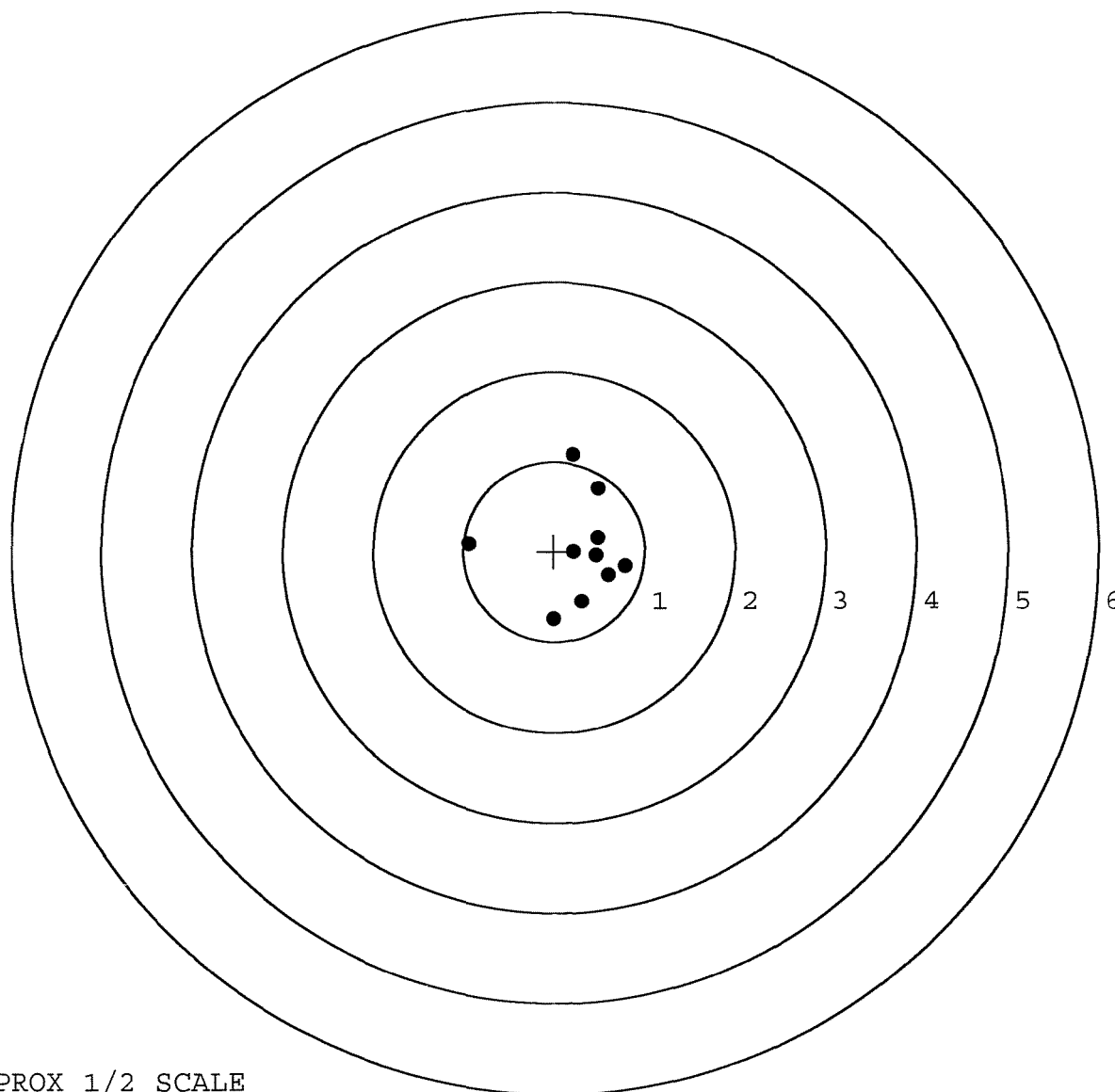


TARGET APPROX 1/2 SCALE

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

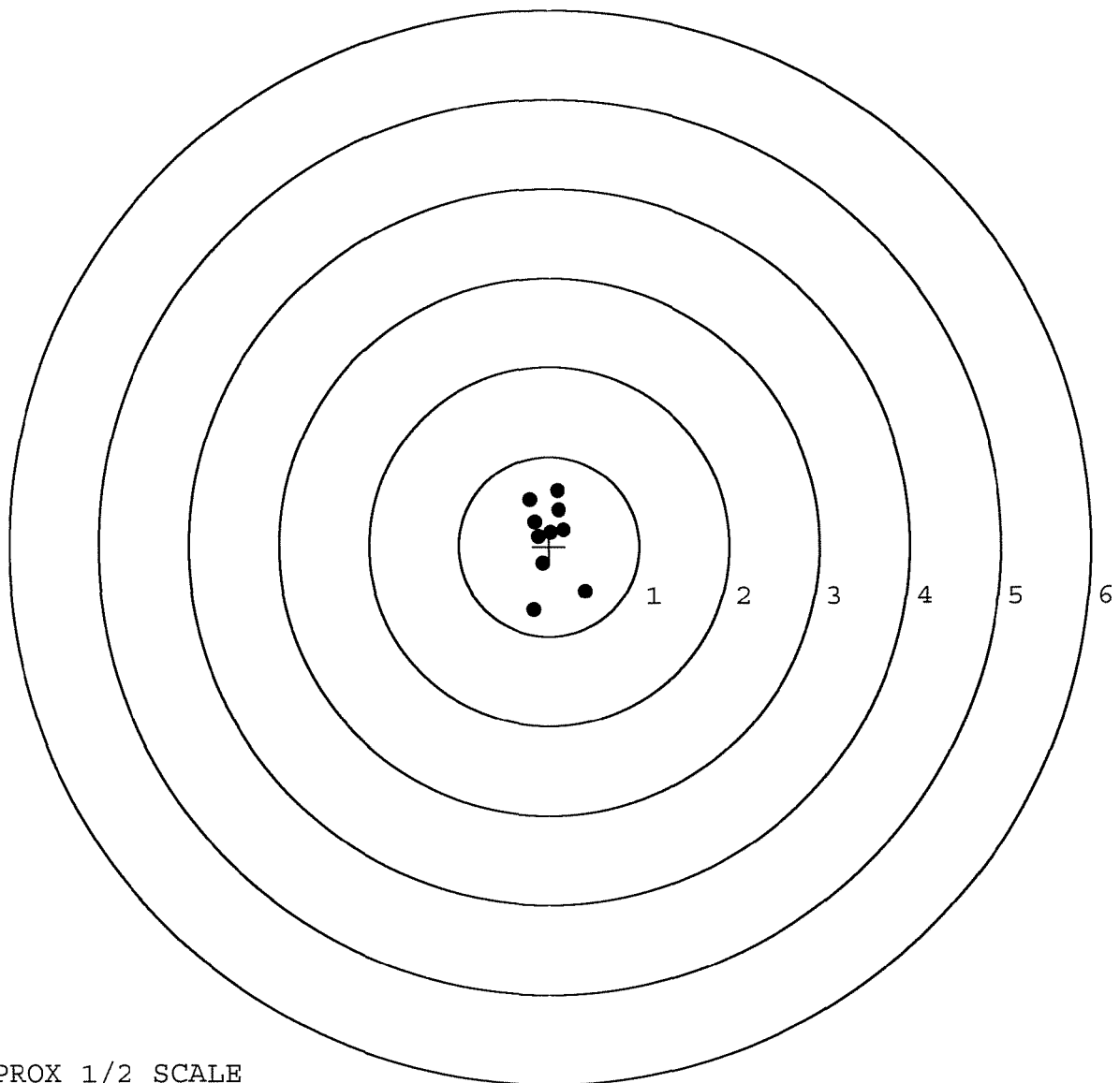


TARGET APPROX 1/2 SCALE

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

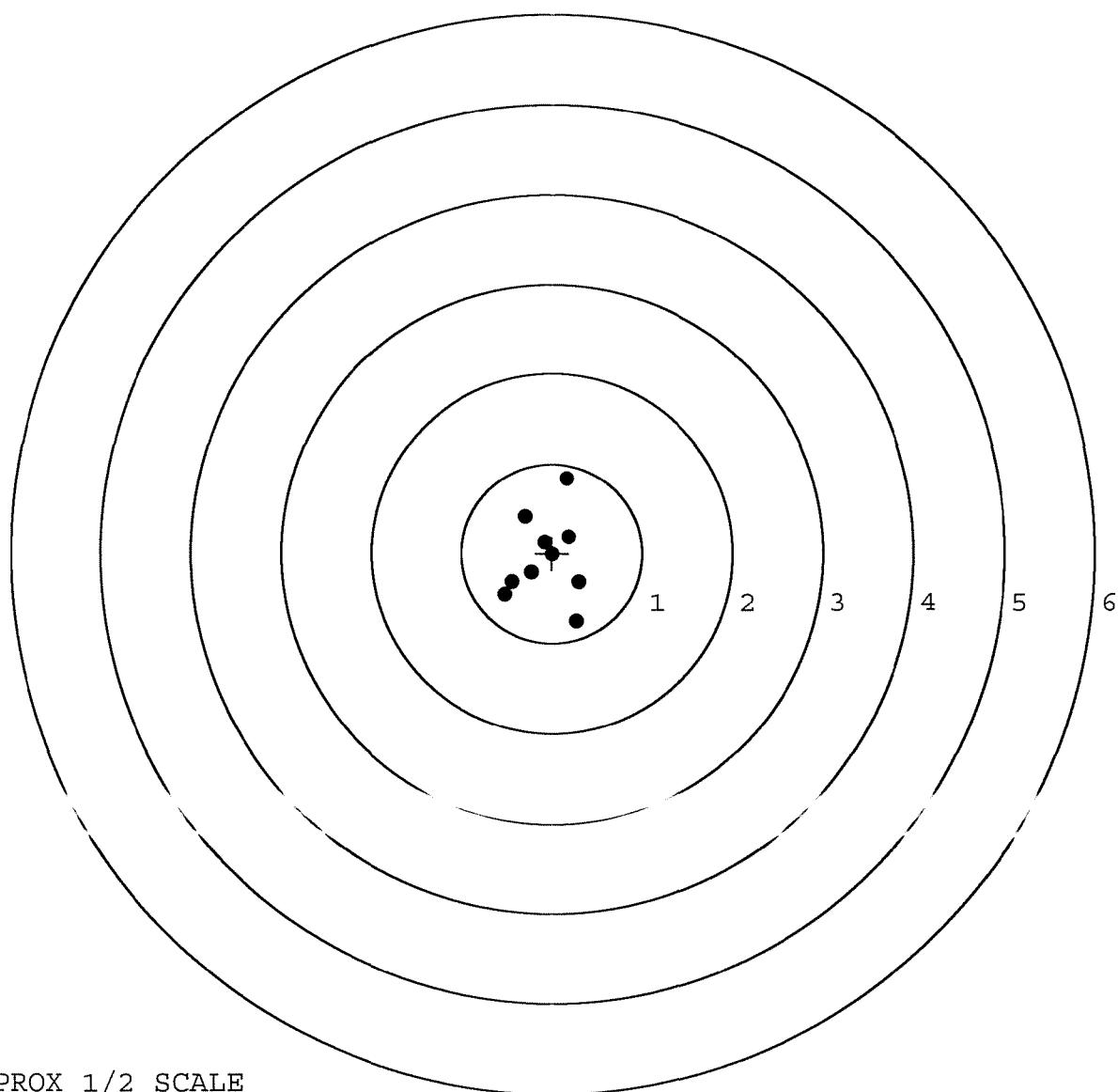


TARGET APPROX 1/2 SCALE

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	RL
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 AC	
615	ROLLMARK CALIBER	1-7-02	LB
618	ROTO-BLAST	1/7	KO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	DR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-11-02	A
655	FINAL INSPECT	1-12-02	RL
660	PACK	1-12-02	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington
 MODEL 700TM H24

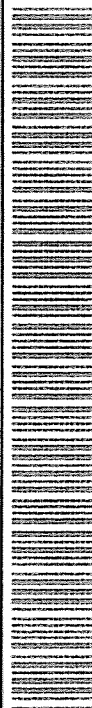
DUPONT
 REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
 C6594657

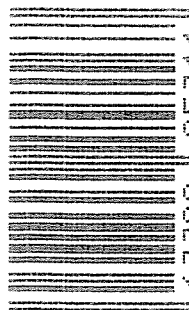
ORDER NO.
 5716

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



5716 C6594657

UPC



0 47700 25716 2

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		FB
618	Polish Barrel	1 10 91		WL
620	Apply Coatings (Barrel Action)		1-22 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	WB
	G) Safety Off Force	3	3	3			1/30/91	WB
	H) Trigger Pull Test & Retainability						1/30/91	JH
	I) Firing Pin Indent	.0205	.021	.021			1/30/91	WB
	J) Assemble Stock						1/31/91	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							
	A) Headspace						2-4-91	AC
	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	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594657
DATE 1/30/91
TESTER JL

	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, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.53	2.33	2.20	
PULL #3	2.46	2.52	2.48	2.30	
PULL #4	2.49	2.20	2.30	2.33	
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

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

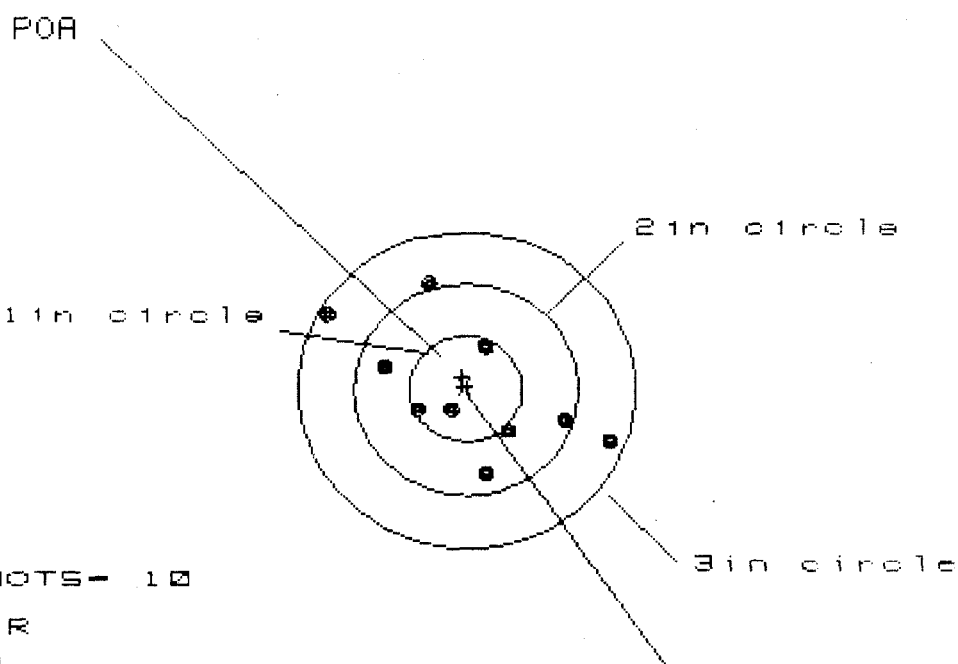
2
3 <----POA

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



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 7

3 in = 10

HS= 2.512

VS= 1.736

GS= 2.780

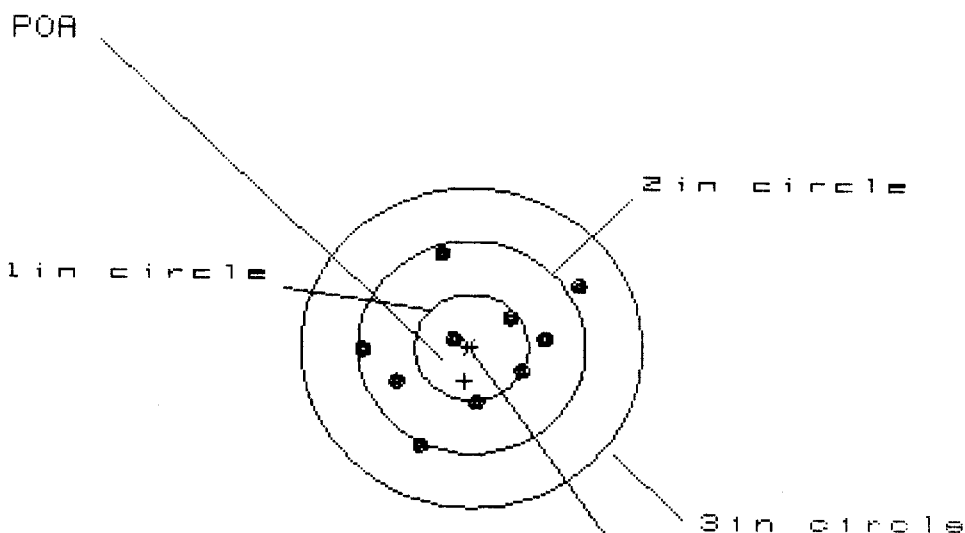
CENTROID #

PATTERN #	:	1	9	8
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/C8534657

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

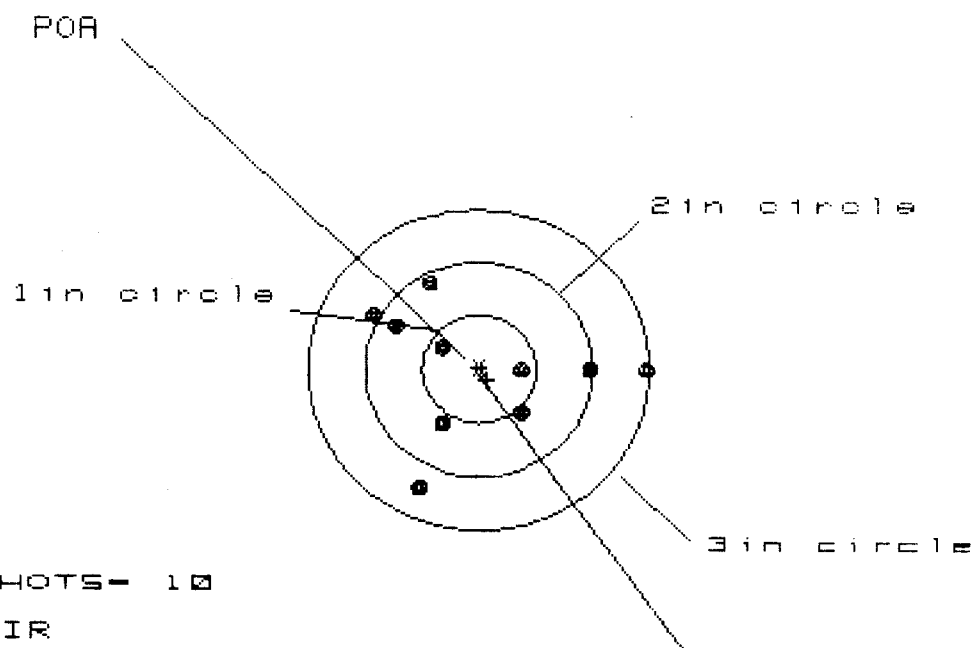
CENTROID #

PATTERN #	:	2		
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/08594657

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.446

VS= 1.959

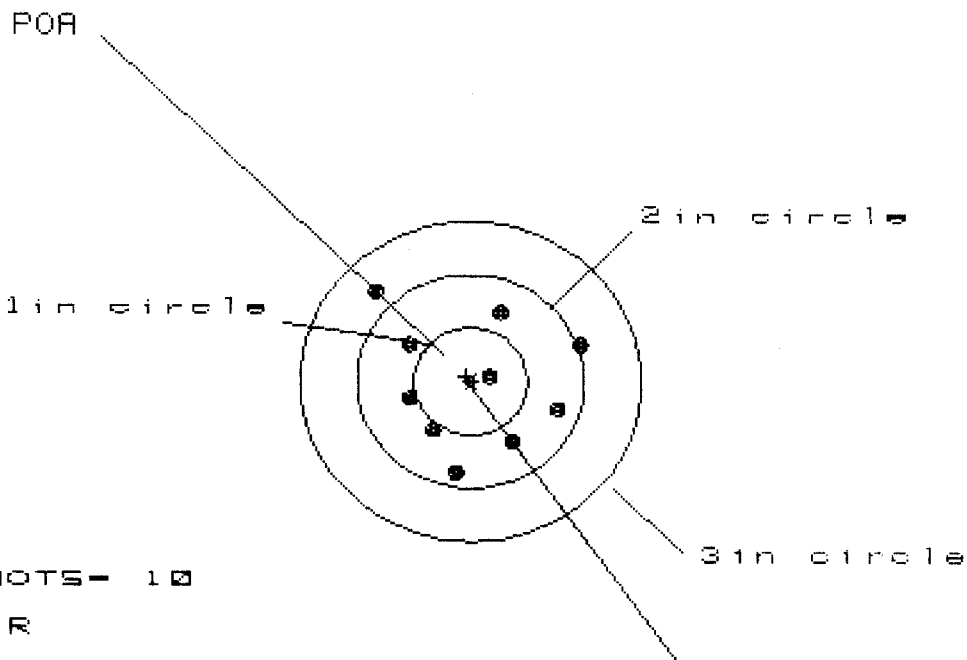
GS= 2.492

PATTERN #	:			
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/C6594657

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 9

3in = 10

HS= 1.714

VS= 1.658

GS= 1.887

CENTROID #

PATTERN #	:	1		
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

FILE:/PATTERNING/CENTERFIRE_PATT/C6594657

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	