

MODEL 700TH Ed.

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington

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: **RE00038555** Serial: **C6594509** Model: **700** Center Fire Caliber: **7.62 NATO M24 SWS WOGS 13 of 18** Repairman:
 Verify Repair Status: **Closed 1/27/02 9:06:59 AM**

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 1/27/02 10:23 AM CAPS NUM INS SCFL

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

Serial Number:

C6594509

Model: **700**



RE00038555

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594509.___0
FILE DATE AND TIME: 01/09/2002 02:41

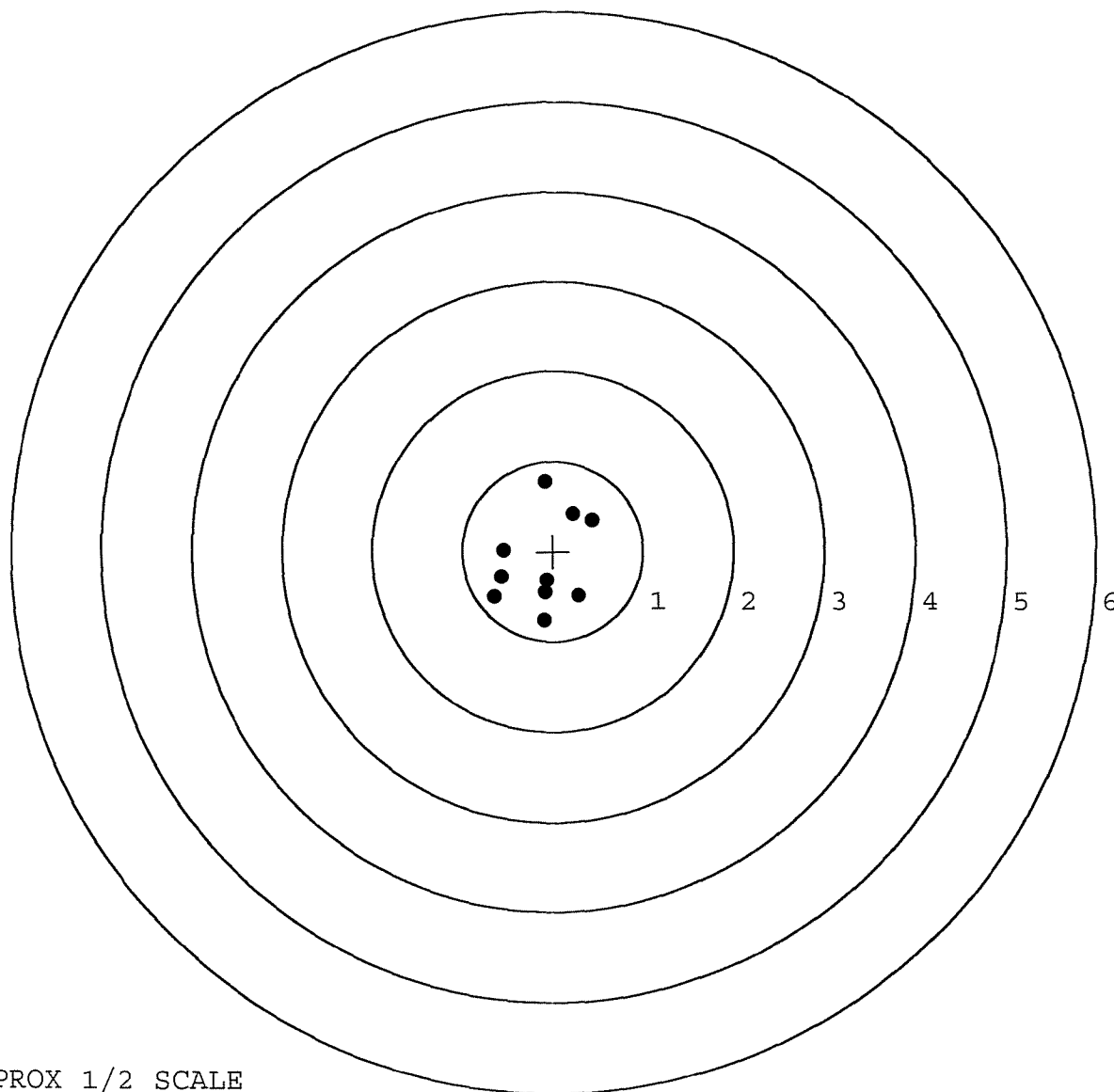
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.486
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.185
The Distance from Centroid Target #3 to Centroid Target #1:	0.360
The Distance from Centroid Target #4 to Centroid Target #1:	0.307
The Distance from Centroid Target #5 to Centroid Target #1:	0.418

SERIAL NUMBER: C6594509. __0
TARGET NUMBER: 1
FILE DATE: 01/09/2002
FILE TIME: 02:41

X CENTROID: -0.118
Y CENTROID: -0.131
POA TO CENTROID: 0.176
HORZ SPREAD: 1.084
VERT SPREAD: 1.543
GROUP SPREAD: 1.543
MIN RADIUS: 0.199
MAX RADIUS: 0.899
MEAN RADIUS: 0.558
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.097	0.768
2:	0.220	0.419
3:	0.436	0.348
4:	0.293	-0.496
5:	-0.100	-0.775
6:	-0.071	-0.324
7:	-0.547	0.008
8:	-0.576	-0.293
9:	-0.648	-0.507
10:	-0.087	-0.458

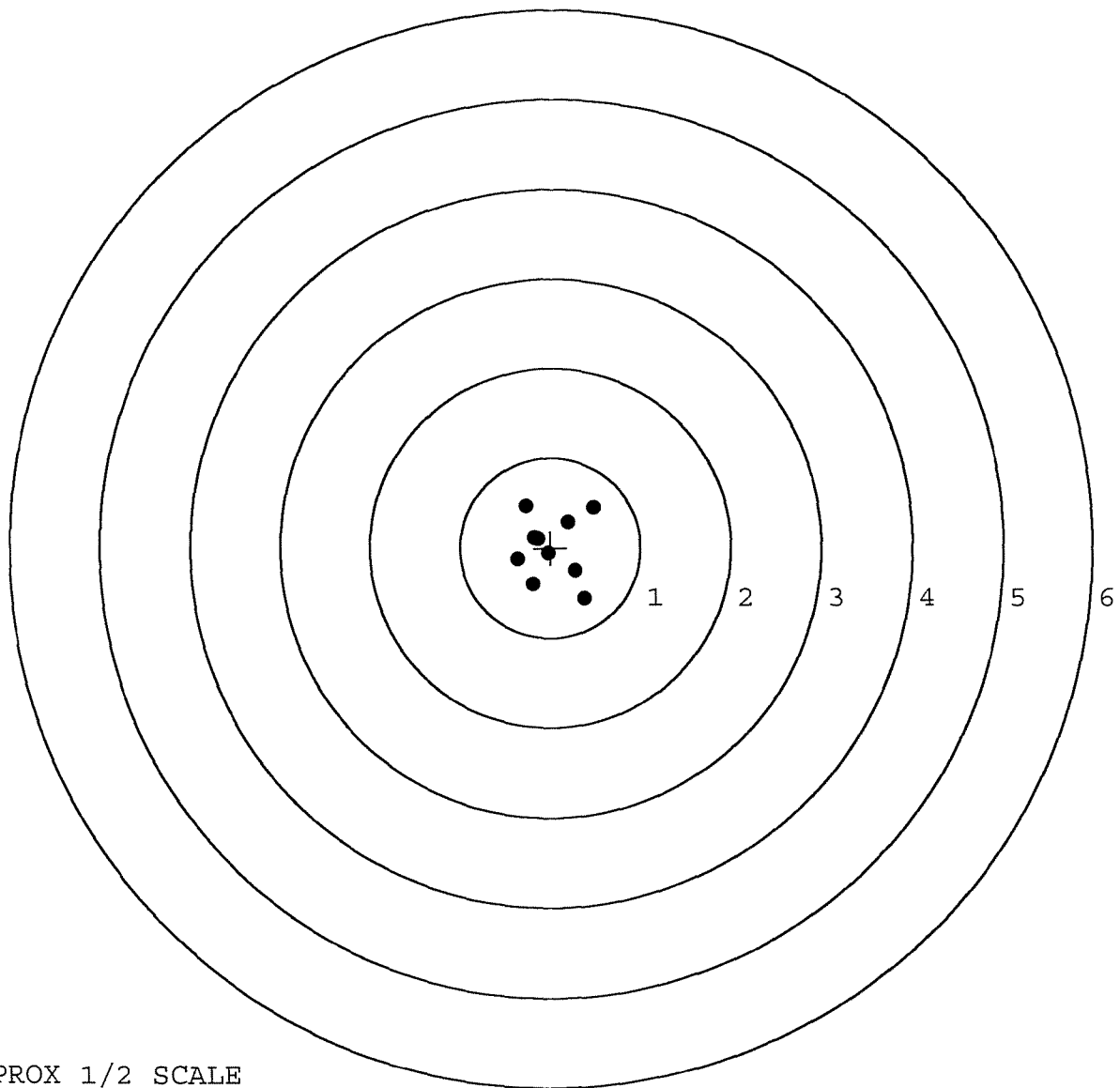


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594509. __0
TARGET NUMBER: 2
FILE DATE: 01/09/2002
FILE TIME: 02:41

X CENTROID: 0.013
Y CENTROID: -0.001
POA TO CENTROID: 0.013
HORZ SPREAD: 0.847
VERT SPREAD: 1.023
GROUP SPREAD: 1.216
MIN RADIUS: 0.075
MAX RADIUS: 0.670
MEAN RADIUS: 0.392
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.276	0.462
2:	-0.185	0.113
3:	-0.367	-0.127
4:	-0.195	-0.409
5:	0.381	-0.561
6:	0.275	-0.257
7:	0.480	0.449
8:	0.194	0.285
9:	-0.143	0.097
10:	-0.030	-0.062

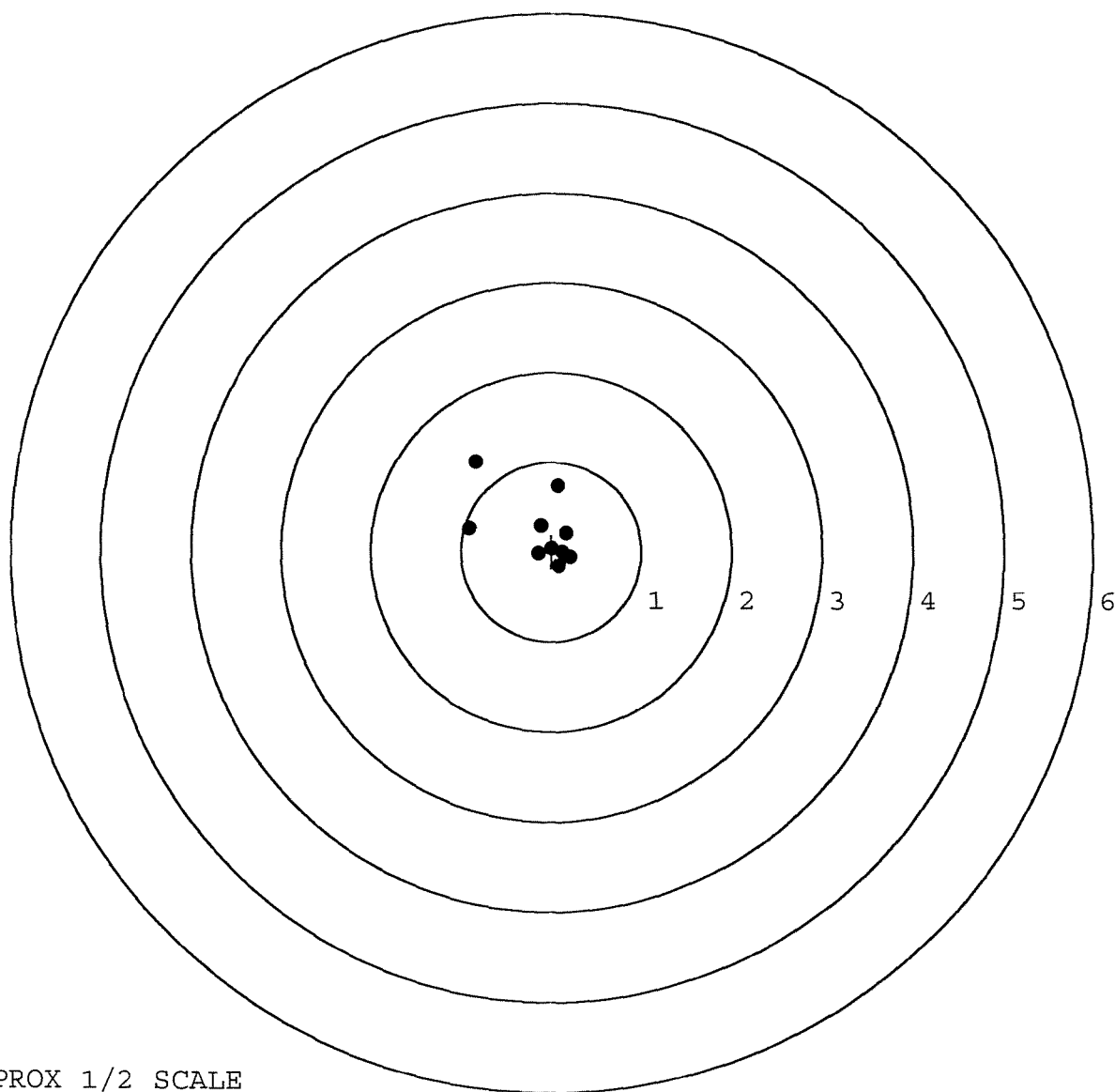


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594509. __0
TARGET NUMBER: 3
FILE DATE: 01/09/2002
FILE TIME: 02:41

X CENTROID: -0.136
Y CENTROID: 0.229
POA TO CENTROID: 0.266
HORZ SPREAD: 1.116
VERT SPREAD: 1.165
GROUP SPREAD: 1.496
MIN RADIUS: 0.066
MAX RADIUS: 1.047
MEAN RADIUS: 0.448
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.073	0.738
2:	-0.839	1.005
3:	-0.908	0.261
4:	-0.121	0.293
5:	-0.147	-0.026
6:	0.082	-0.160
7:	0.208	-0.064
8:	0.170	0.213
9:	-0.004	0.036
10:	0.126	-0.009



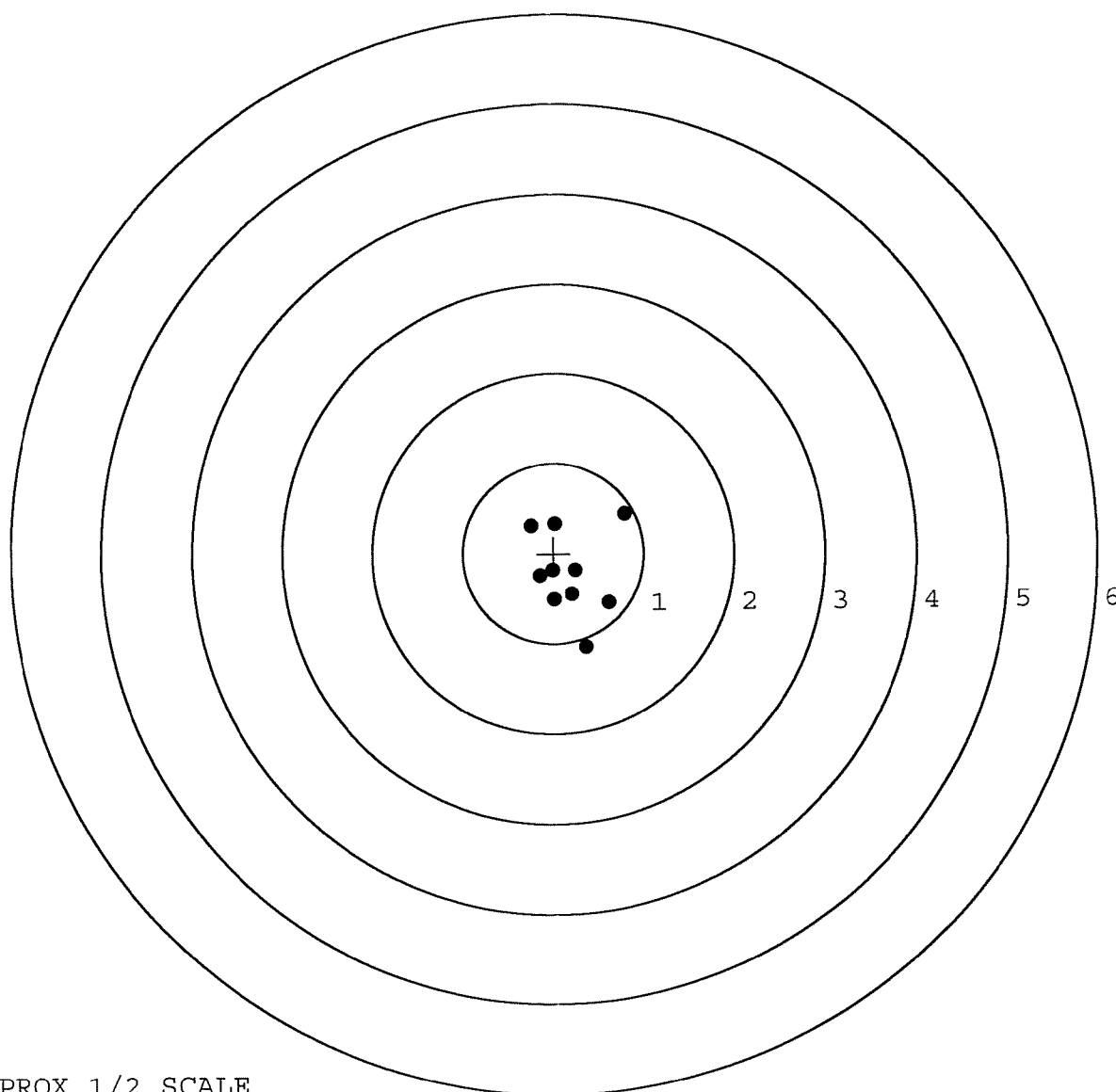
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594509. __0
TARGET NUMBER: 4
FILE DATE: 01/09/2002
FILE TIME: 02:41

X CENTROID: 0.179
Y CENTROID: -0.211
POA TO CENTROID: 0.277
HORZ SPREAD: 1.041
VERT SPREAD: 1.478
GROUP SPREAD: 1.540
MIN RADIUS: 0.069
MAX RADIUS: 0.891
MEAN RADIUS: 0.474

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.790	0.437
2:	0.016	0.333
3:	-0.251	0.312
4:	0.608	-0.547
5:	0.357	-1.041
6:	-0.003	-0.517
7:	0.201	-0.460
8:	-0.155	-0.251
9:	0.244	-0.188
10:	-0.019	-0.188

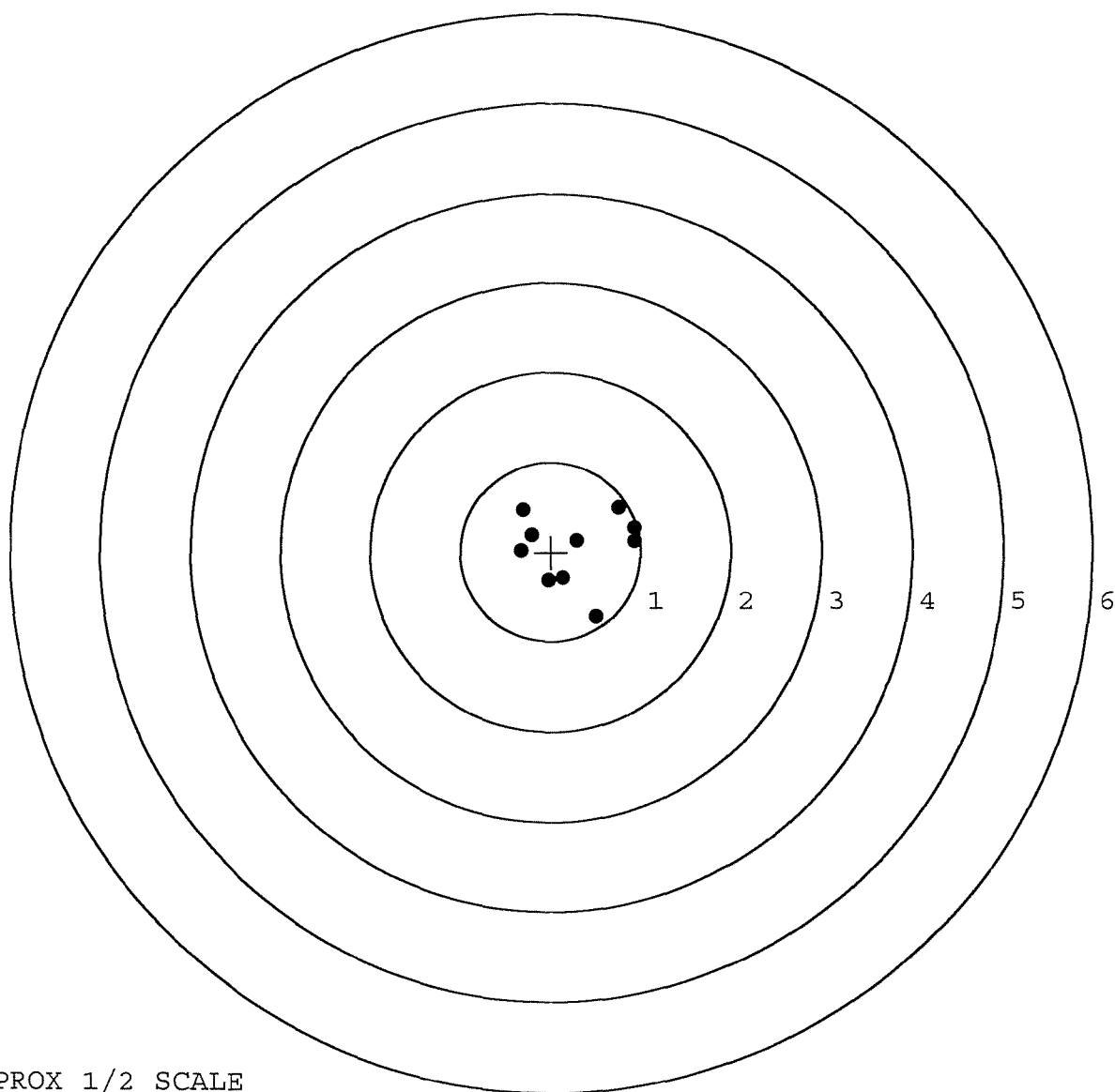


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594509.___0
TARGET NUMBER: 5
FILE DATE: 01/09/2002
FILE TIME: 02:41

X CENTROID: 0.265
Y CENTROID: 0.036
POA TO CENTROID: 0.268
HORZ SPREAD: 1.266
VERT SPREAD: 1.222
GROUP SPREAD: 1.446
MIN RADIUS: 0.095
MAX RADIUS: 0.799
MEAN RADIUS: 0.558
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.756	0.495
2:	0.930	0.269
3:	0.930	0.123
4:	0.501	-0.727
5:	0.139	-0.291
6:	-0.030	-0.315
7:	-0.336	0.018
8:	-0.215	0.190
9:	-0.311	0.470
10:	0.289	0.128



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 38553			
SERIAL NUMBER C 6594509			
LOG-IN DATE 1-2-02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-02	KL
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	ISWT
B	DRILL AND TAP	1-3-02	ISWT
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	AC
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX	OPERATOR AC	
615	ROLLMARK CALIBER	1-7-02	IS
618	ROTO-BLAST	1/7	HO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1/8/02	RW
B	TRIGGER PULL TEST	N/C	
C	SAFETY "ON" FORCE	N/C	
D	SAFETY "OFF" FORCE	N/C	
E	FIRING PIN INDENT	N/C	
640	TARGET	1-9-02	AC
655	FINAL INSPECT	1-12-02	PR
660	PACK	1-13-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington
MODEL 700™ M24

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

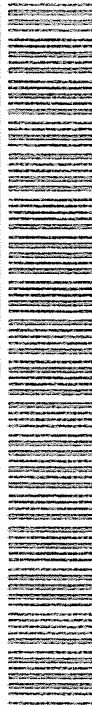
DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6594509

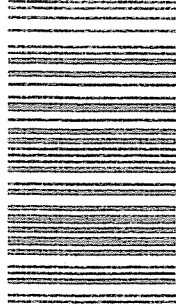
ORDER NO.
5716

20



5716 C6594509

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594509

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/2/90	KCR
	Magnaflux Bolt		11/2/90	KCR
615	Rollmark Caliber		11/2/90	GS
617	Drill and Tap Sight Holes		11/5/90	FOB
618	Polish Barrel <i>FOB</i>		11/6/90	WCB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/14/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/14/90	KS
	C) Inspect Ejector Hole for Chamfer		12/14/90	KS
	D) Oil Firing Pin Ass'y		12/14/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1-2-91	JAL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1/2/91	W.B.
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			1/2/91	W.B.
	H) Trigger Pull Test & Retainability						1-2-91	JM
	I) Firing Pin Indent	.020	.020	.020			1/2/91	W.B.
	J) Assemble Stock						1/3/91	K.S.
	K) Assemble Swivel Studs						1/11/91	JM
	L) Attach Front and Rear Sight Assemblies						1/3/91	K.S.
	M) Iron Sight Alignment						1/3/91	K.S.
	N) Detach Front & Rear Sights & place in numbered container						1/3/91	K.S.
	O) Attach Scope to Rifle						1/3/91	K.S.
	P) Detach & Attach Scope 20 Times						1/3/91	K.S.
640	Gallery Target & Test						1-10-91	DH
	A) Time						1-10-91	DH
	B) Malfunctions						1-10-91	DH
	C) Pierced Primers						1-10-91	DH
	D) Optical Clarity of Scope						1-10-91	DH
645	Inspect for Live Ammo						1-10-91	DH
655	Final Inspection						1-11-91	JM
	A) Headspace						1-11-91	JM
	B) Trigger Pull	2.10	2.10	2.06	2.20	2.05	1-11-91	JM
	C) Function						1-11-91	JM
660	Pack						3/15/91	W.B.

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6594509

DATE 1-2-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.42	2.43	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.43	2.42	2.10	
PULL #3	2.23	2.35	2.40	2.06	
PULL #4	2.31	2.44	2.41	2.20	
PULL #5	2.38	2.43	2.44	2.05	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.40		
PULL #2	3.39	3.43		
PULL #3	3.39	3.41		
PULL #4	3.34	3.39		
PULL #5	3.39	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.45		4.43
PULL #2	4.42	4.39		4.41
PULL #3	4.44	4.41		4.38
PULL #4	4.42	4.41		4.41
PULL #5	4.42	4.41		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594509
11 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.118828
1 TO	2	.169331
1 TO	3	.0565862
1 TO	4	.164779
1 TO	5	.160963

李 <----POA

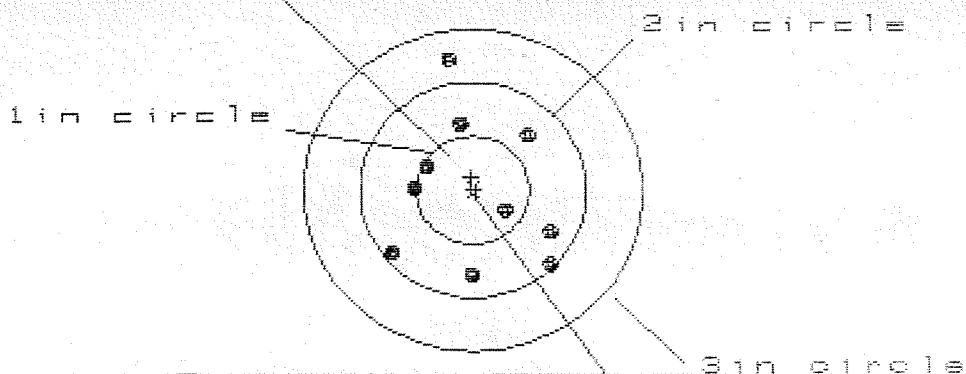
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0066
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1382
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .138358
THE AMR FOR THIS RIFLE IS: .8758

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534503

CENTERFIRE PATTERNS # 1

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS = 1.410

VS = 2.066

GS = 2.162

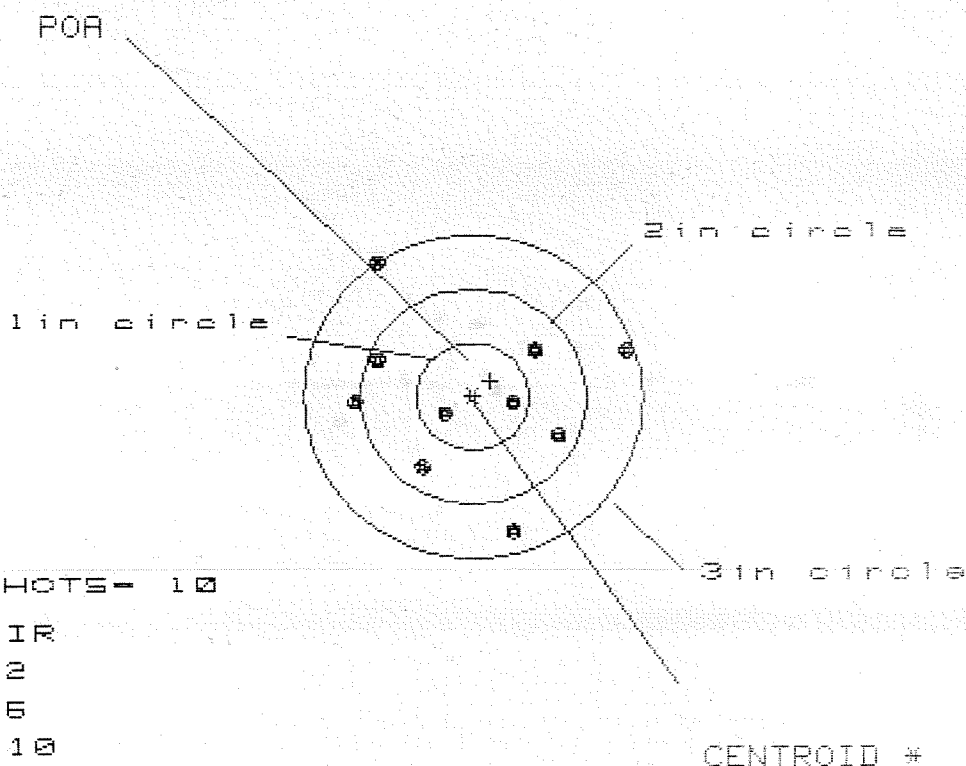
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.692	.672	.735
MINIMUM X	:	-.718	-.738	-.654
MAXIMUM Y	:	1.254	.757	.684
MINIMUM Y	:	-.812	-.672	-.745
CENTROID X	:	.014	.034	-.049
CENTROID Y	:	-.118	-.258	-.185
POA TO CENTROID in.	:	.119	.260	.191
MIN RADIUS	:	.279	.216	.311
MEAN RADIUS	:	.748	.681	.648
MAX RADIUS	:	1.268	.889	.855
HORIZONTAL SPREAD	:	1.410	1.410	1.389
VERTICAL SPREAD	:	2.066	1.429	1.429
EXTREME SPREAD	:	2.162	1.654	1.654
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594509

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 10

HS= 2.477

VS= 2.544

GS= 2.778

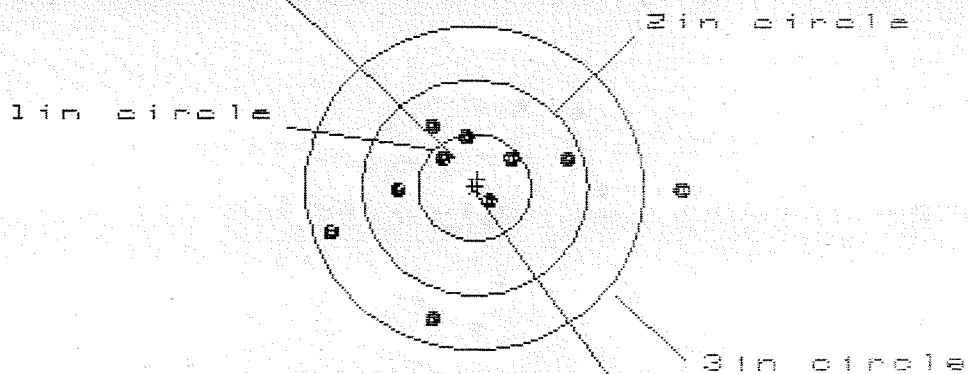
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	1.310	.859
MINIMUM X	:	-1.078	-1.167	-1.003
MAXIMUM Y	:	1.263	.633	.700
MINIMUM Y	:	-1.281	-1.141	-1.074
CENTROID X	:	-.153	-.064	-.228
CENTROID Y	:	-.146	-.286	-.353
POA TO CENTROID in.	:	.212	.293	.420
MIN RADIUS	:	.232	.287	.164
MEAN RADIUS	:	.927	.849	.765
MAX RADIUS	:	1.496	1.416	1.142
HORIZONTAL SPREAD	:	2.477	2.477	1.862
VERTICAL SPREAD	:	2.544	1.774	1.774
EXTREME SPREAD	:	2.778	2.522	2.019
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594503

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 3.112

VS= 1.732

GS= 3.130

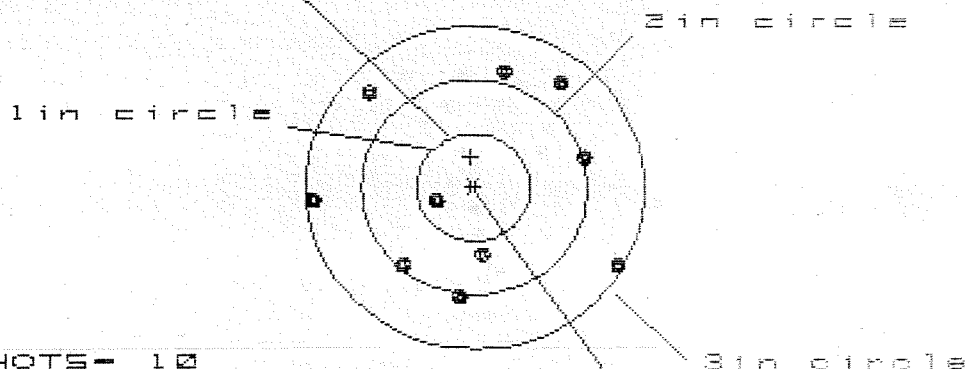
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.840	.990	.857
MINIMUM X	:	-1.272	-1.068	-.620
MAXIMUM Y	:	.547	.542	.493
MINIMUM Y	:	-1.185	-1.190	-1.239
CENTROID X	:	-.025	-.229	-.096
CENTROID Y	:	-.077	-.072	-.023
POA TO CENTROID in.	:	.091	.240	.099
MIN RADIUS	:	.198	.266	.268
MEAN RADIUS	:	.805	.681	.598
MAX RADIUS	:	1.840	1.210	1.288
HORIZONTAL SPREAD	:	3.112	2.058	1.477
VERTICAL SPREAD	:	1.732	1.732	1.732
EXTREME SPREAD	:	3.130	2.148	1.863
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Jan 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C8534503

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 3

3 in - 10

HS- 2.722

VS- 2.052

GS- 2.797

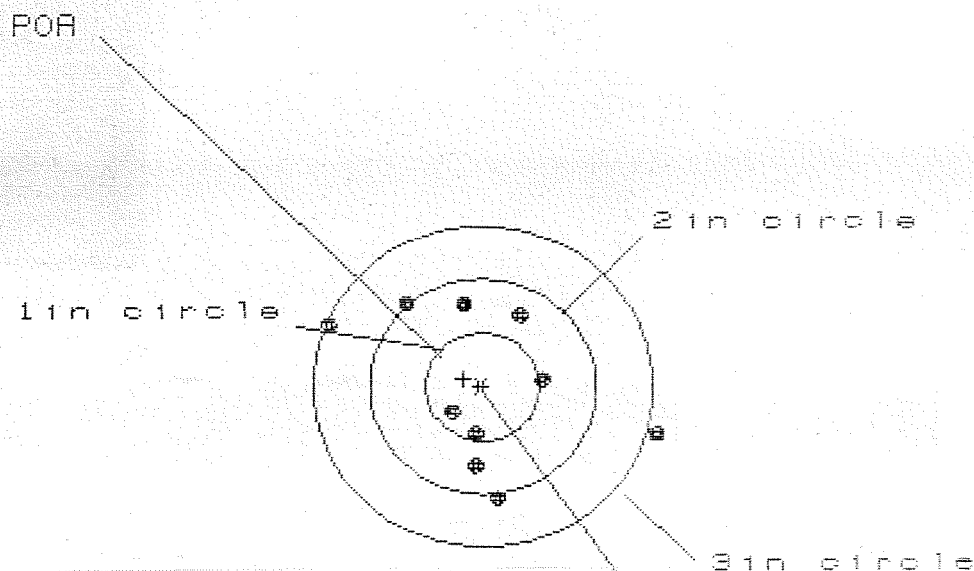
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.305	1.157	.998
MINIMUM X	:	-1.417	-1.272	-.946
MAXIMUM Y	:	1.053	.972	.951
MINIMUM Y	:	-.999	-1.080	-1.101
CENTROID X	:	.030	-.115	.044
CENTROID Y	:	-.282	-.201	-.180
POA TO CENTROID in.	:	.283	.232	.185
MIN RADIUS	:	.320	.226	.369
MEAN RADIUS	:	1.046	.984	.950
MAX RADIUS	:	1.495	1.284	1.203
HORIZONTAL SPREAD	:	2.722	2.429	1.944
VERTICAL SPREAD	:	2.052	2.052	2.052
EXTREME SPREAD	:	2.797	2.458	2.189
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594509

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.873

VS= 1.768

GS= 3.038

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.539	.722	.577
MINIMUM X	:	-1.334	-1.163	-.597
MAXIMUM Y	:	.752	.707	.774
MINIMUM Y	:	-1.016	-1.061	-.994
CENTROID X	:	.167	-.004	.141
CENTROID Y	:	-.068	-.023	-.090
POA TO CENTROID in.	:	.180	.024	.167
MIN RADIUS	:	.308	.249	.274
MEAN RADIUS	:	.853	.767	.682
MAX RADIUS	:	1.592	1.281	1.085
HORIZONTAL SPREAD	:	2.873	1.885	1.174
VERTICAL SPREAD	:	1.768	1.768	1.768
EXTREME SPREAD	:	3.038	2.166	1.899
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	