

C6348802

MODEL 700TM M24

Model **SMS** TM

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 CSF Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092986** Serial: C6348802 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/13/1989 Repairman: Status: Closed 2/11/2005 7:31:05 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box PO Box

City: ANNISTON ANNISTON

State: AL AL Zip Code: 36201 4199 36201 4199 Country: US US

PFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSF Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A023	Scope	1
A057	Frt and Rear Sgt Base	1

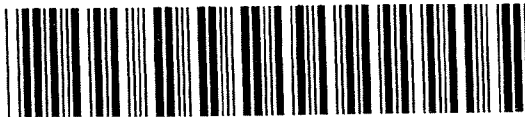
Repair Search Refresh Close

reglet 2/14/2005 9:12 AM CAPS NUM INS SCPL

start 5 2 3 Arms Services

Serial Number: **C6348802**

Model: **M24 SWS**



RE00092986

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348802.___0

FILE DATE AND TIME: 03/28/2005 09:57

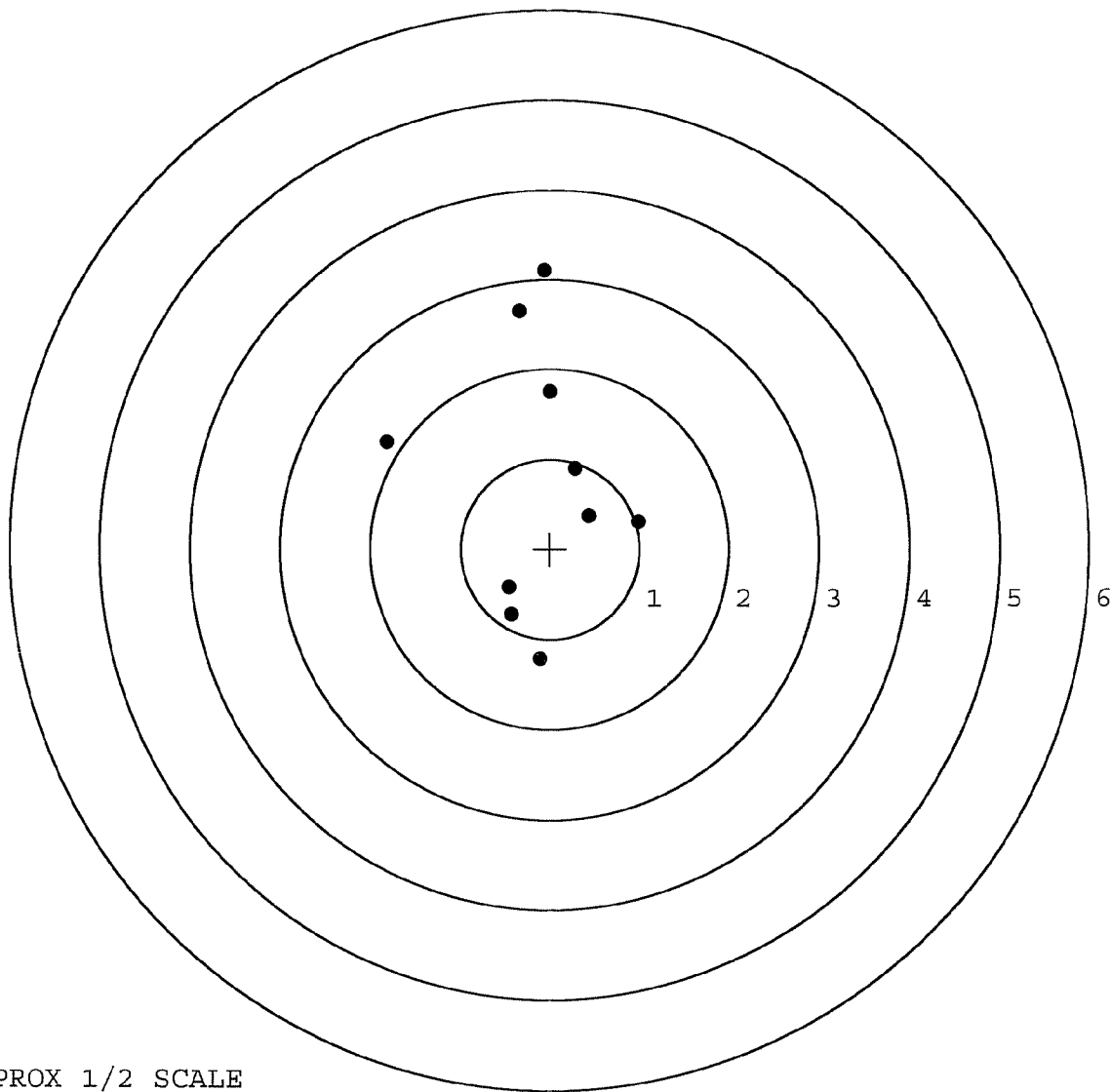
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	0.129
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	1.018
The Distance from POA to Centroid Target #1:	0.801
The Distance from Centroid Target #2 to Centroid Target #1:	0.798
The Distance from Centroid Target #3 to Centroid Target #1:	0.623
The Distance from Centroid Target #4 to Centroid Target #1:	1.034
The Distance from Centroid Target #5 to Centroid Target #1:	0.960

SERIAL NUMBER: C6348802. __0
TARGET NUMBER: 1
FILE DATE: 03/28/2005
FILE TIME: 09:57

X CENTROID: -0.152
Y CENTROID: 0.786
POA TO CENTROID: 0.801
HORZ SPREAD: 2.811
VERT SPREAD: 4.319
GROUP SPREAD: 4.319
MIN RADIUS: 0.451
MAX RADIUS: 2.310
MEAN RADIUS: 1.408
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.992	0.303
2:	0.435	0.372
3:	0.286	0.894
4:	-0.461	-0.428
5:	-0.436	-0.731
6:	-0.114	-1.225
7:	0.005	1.746
8:	-1.819	1.191
9:	-0.341	2.644
10:	-0.065	3.094

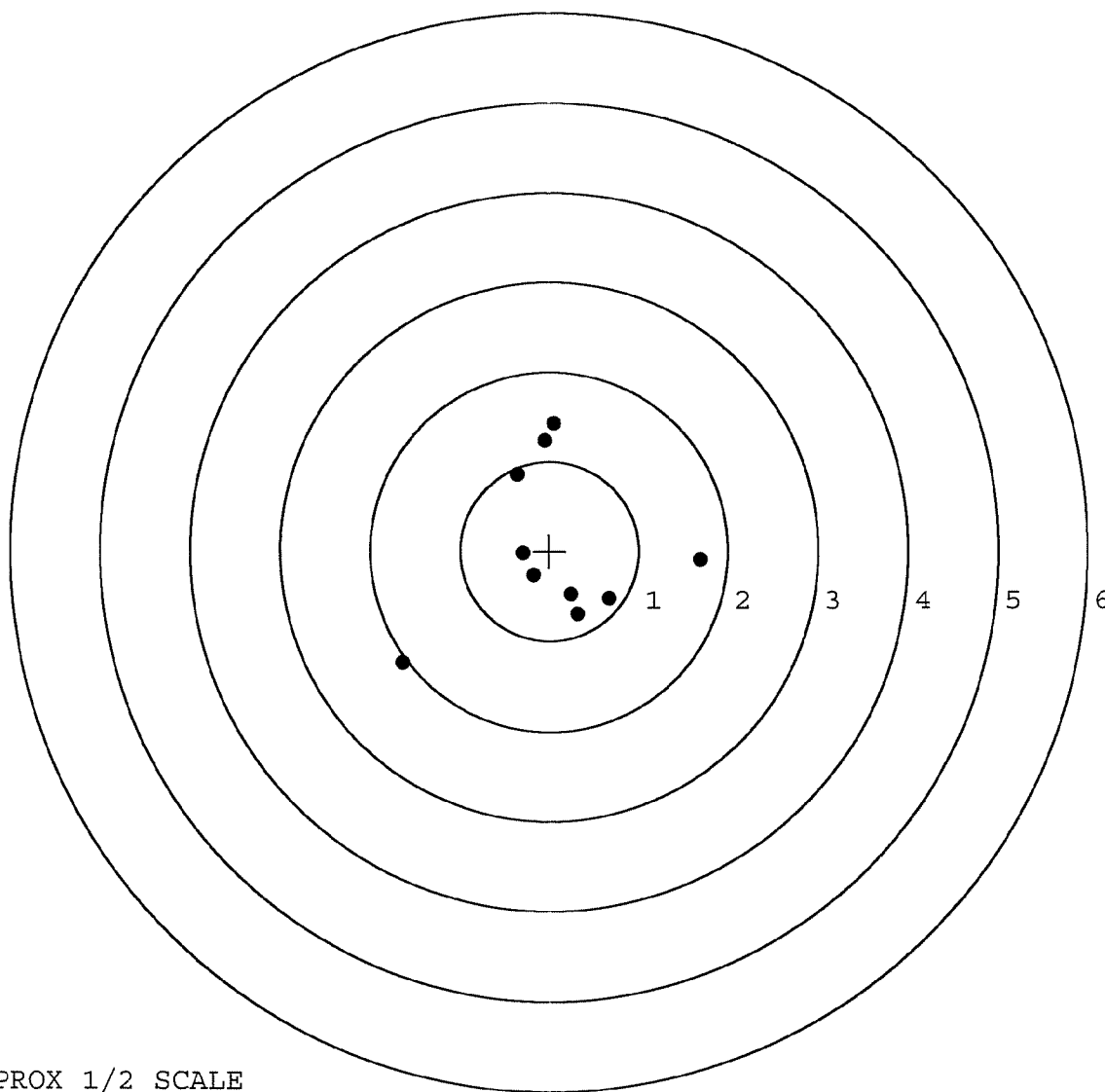


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348802.___0
TARGET NUMBER: 2
FILE DATE: 03/28/2005
FILE TIME: 09:57

POINT#	X	Y
1:	0.667	-0.535
2:	1.687	-0.102
3:	0.317	-0.711
4:	0.244	-0.487
5:	-0.185	-0.275
6:	-0.300	-0.032
7:	-1.646	-1.246
8:	-0.362	0.857
9:	-0.058	1.227
10:	0.049	1.426

X CENTROID: 0.041
Y CENTROID: 0.012
POA TO CENTROID: 0.043
HORZ SPREAD: 3.333
VERT SPREAD: 2.672
GROUP SPREAD: 3.524
MIN RADIUS: 0.344
MAX RADIUS: 2.105
MEAN RADIUS: 1.018
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

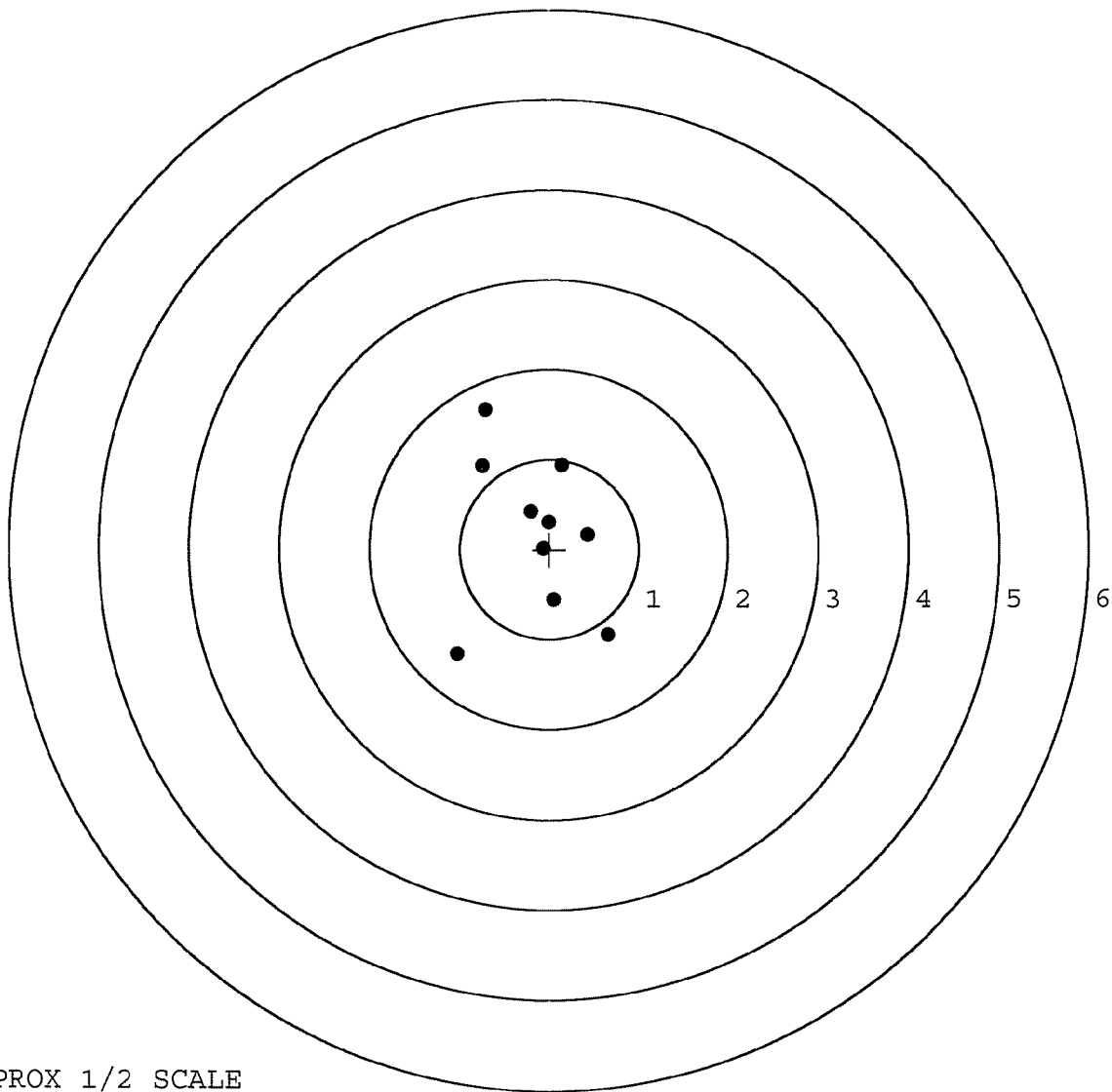


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348802.___0
TARGET NUMBER: 3
FILE DATE: 03/28/2005
FILE TIME: 09:57

POINT#	X	Y
1:	0.660	-0.959
2:	0.053	-0.561
3:	-1.033	-1.167
4:	0.433	0.163
5:	-0.071	0.011
6:	-0.010	0.304
7:	-0.209	0.422
8:	0.144	0.940
9:	-0.749	0.927
10:	-0.719	1.551

X CENTROID: -0.150
Y CENTROID: 0.163
POA TO CENTROID: 0.222
HORZ SPREAD: 1.693
VERT SPREAD: 2.718
GROUP SPREAD: 2.736
MIN RADIUS: 0.171
MAX RADIUS: 1.596
MEAN RADIUS: 0.825
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348802. __0

TARGET NUMBER: 4

FILE DATE: 03/28/2005

FILE TIME: 09:57

POINT#	X	Y
1:	1.679	-1.303
2:	0.294	-1.127
3:	-0.150	-1.027
4:	-0.973	-1.440
5:	-1.181	-0.211
6:	-0.605	0.243
7:	0.402	0.283
8:	0.786	-0.136
9:	0.407	1.096
10:	-0.701	1.245

X CENTROID: -0.004

Y CENTROID: -0.238

POA TO CENTROID: 0.238

HORZ SPREAD: 2.860

VERT SPREAD: 2.685

GROUP SPREAD: 3.487

MIN RADIUS: 0.660

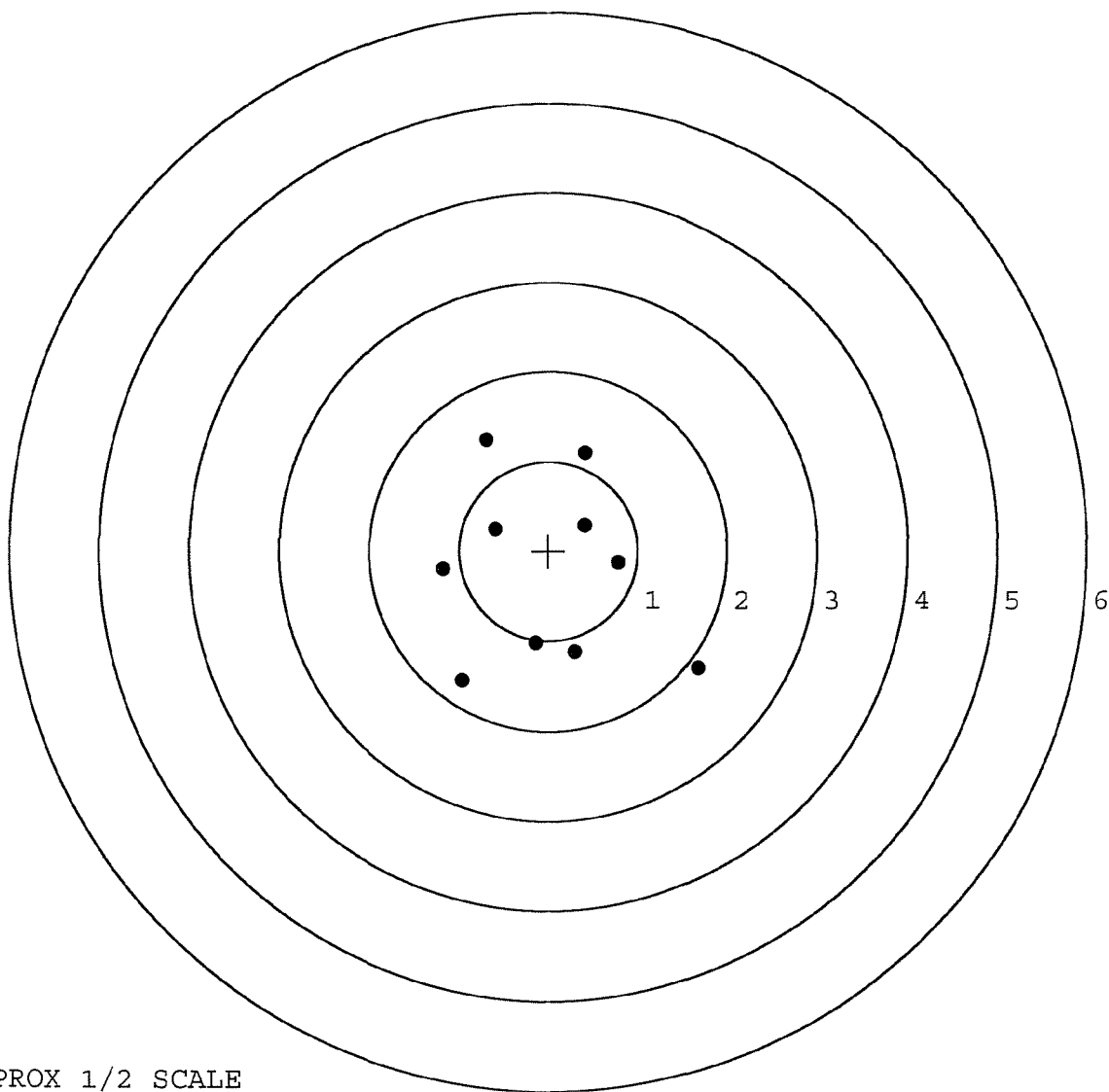
MAX RADIUS: 1.992

MEAN RADIUS: 1.171

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348802.___0

TARGET NUMBER: 5

FILE DATE: 03/28/2005

FILE TIME: 09:57

POINT#	X	Y
1:	0.560	-1.128
2:	1.498	0.025
3:	1.101	0.213
4:	0.424	-0.216
5:	0.386	-0.032
6:	0.258	0.142
7:	-0.146	0.197
8:	-0.234	-0.377
9:	-0.557	-0.008
10:	-0.638	0.399

X CENTROID: 0.265

Y CENTROID: -0.078

POA TO CENTROID: 0.277

HORZ SPREAD: 2.136

VERT SPREAD: 1.527

GROUP SPREAD: 2.168

MIN RADIUS: 0.129

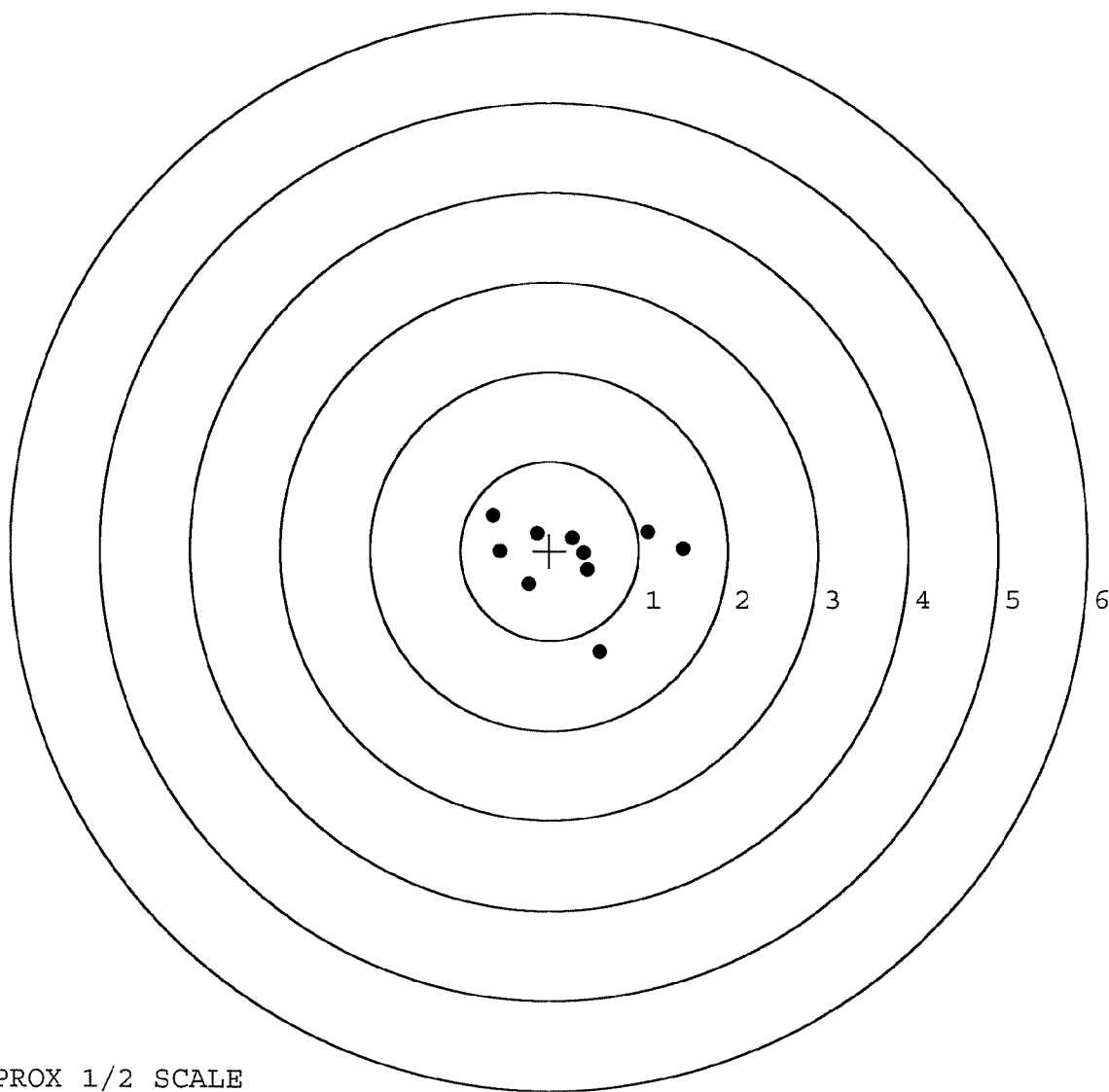
MAX RADIUS: 1.237

MEAN RADIUS: 0.670

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

2-18-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.28	2.16		2.39	
PULL #2	2.18	2.13		2.69	
PULL #3	2.19	2.10		2.26	
PULL #4	2.14	2.08		2.29	
PULL #5	2.14	2.10		2.29	
TOTAL	10.93	10.57		11.92	
AVERAGE	2.18	2.11		2.38	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.16		
PULL #2	3.25	3.23		
PULL #3	3.11	3.07		
PULL #4	3.17	3.02		
PULL #5	3.18	3.27		
TOTAL	16.01	15.75		
AVERAGE	3.20	3.15		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.10	4.44		4.26
PULL #2	4.09	4.45		4.22
PULL #3	4.11	4.40		4.22
PULL #4	3.82	4.44		4.48
PULL #5	4.07	4.43		4.26
TOTAL	20.19	22.16		21.44
AVERAGE	4.03	4.43		4.28

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

R & E NUMBER	92986		
SERIAL NUMBER	C6348802		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTZ
560 A	RE-BARREL	2-22-05	RTZ
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTZ
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTZ
612	MAGNAFLUX	OPERATOR	AC
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-23-05	RTZ
B	TRIGGER PULL TEST	3-31-05	TRW
C	SAFETY "ON" FORCE	3-31-05	AC
D	SAFETY "OFF" FORCE	3-31-05	AC
E	FIRING PIN INDENT	3-31-05	AC
640	TARGET	3-28-05	AC
655	FINAL INSPECT	3-31-05	AC
660	PACK	4-4-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®



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

MODEL 700™ M24

SERIAL NO.

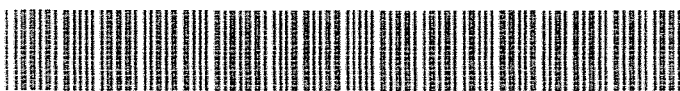
C6348802

ORDER NO.

5716

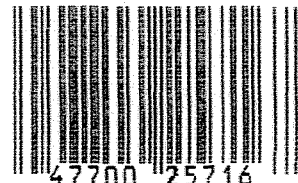
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348802

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

Score
0614

GUN SERIAL # C6348802

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		GL
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/11/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		256/89	928

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	10/26/89	94
	G) Safety Off Force	4	4	4	10/26/89	94
	H) Trigger Pull Test & Retainability				25 Oct 89	98
	I) Firing Pin Indent	.022	.023	.0225	10/26/89	94
	J) Assemble Stock				10/30/89	RW
	K) Assemble Swivel Studs				10/30/89	98
	L) Attach Front and Rear Sight Assemblies				10/30/89	RW
	M) Iron Sight Alignment				10/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container				10/30/89	RW
	O) Attach Scope to Rifle				10/30/89	94
	P) Detach & Attach Scope 20 Times				10/30/89	94
640	Gallery Target & Test				11-1-89	DH
	A) Time				11-1-89	DH
	B) Malfunctions				11-1-89	DH
	C) Pierced Primers				11-1-89	DH
	D) Optical Clarity of Scope				11-1-89	DH
645	Inspect for Live Ammo				11-1-89	DH
655	Final Inspection					
	A) Headspace				6 Nov 89	98
	B) Trigger Pull	207	225	219	6 Nov 89	98
	C) Function				6 Nov 89	98
660	Pack				14 Dec 89	98

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348802

DATE 3-13-90

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.33	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.33	2.35	
PULL #3	2.31	2.45	2.41	
PULL #4	2.33	2.36	2.58	
PULL #5	2.36	2.31	2.52	
TOTAL	11.73	11.78	12.23	
AVG.	2.346	2.356	2.446	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.26	3.27	
PULL #2	3.22	3.53	
PULL #3	3.43	3.44	
PULL #4	3.40	3.52	
PULL #5	3.29	3.37	
TOTAL	16.60	17.13	
AVG.	3.32	3.426	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.30		
PULL #2	4.41	4.29		
PULL #3	4.09	4.32		
PULL #4	4.45	4.39		
PULL #5	4.35	4.26		
TOTAL	21.76	21.56		
AVG.	4.352	4.312		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348802
1 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.111946
1 TO	2	.848792
1 TO	3	.872277
1 TO	4	.690271
1 TO	5	.990073

$\frac{1}{3} \frac{2}{45} \left(\frac{1}{3} \right) \text{---FOR}$

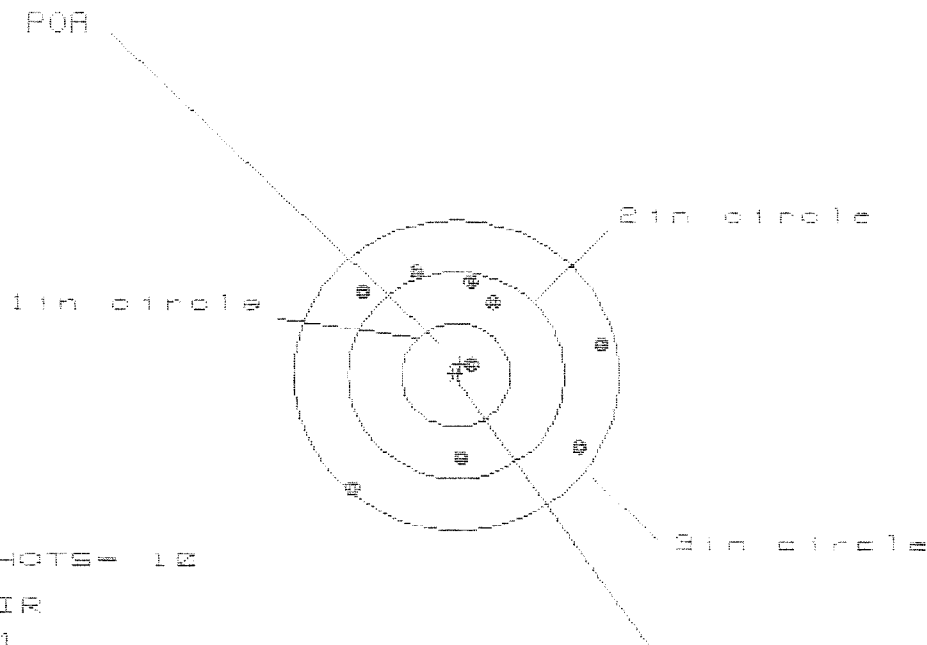
THE X COORDINATE FOR THIS RIFLE IS: .537
THE Y COORDINATE FOR THIS RIFLE IS: -.3248
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .627586
THE AMR FOR THIS RIFLE IS: .8624

1-637-1985

FILE:/PATTERNING/CENTERFIRE_PATT/06348802

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.351

VS= 2.098

GS= 2.734

CENTROID #

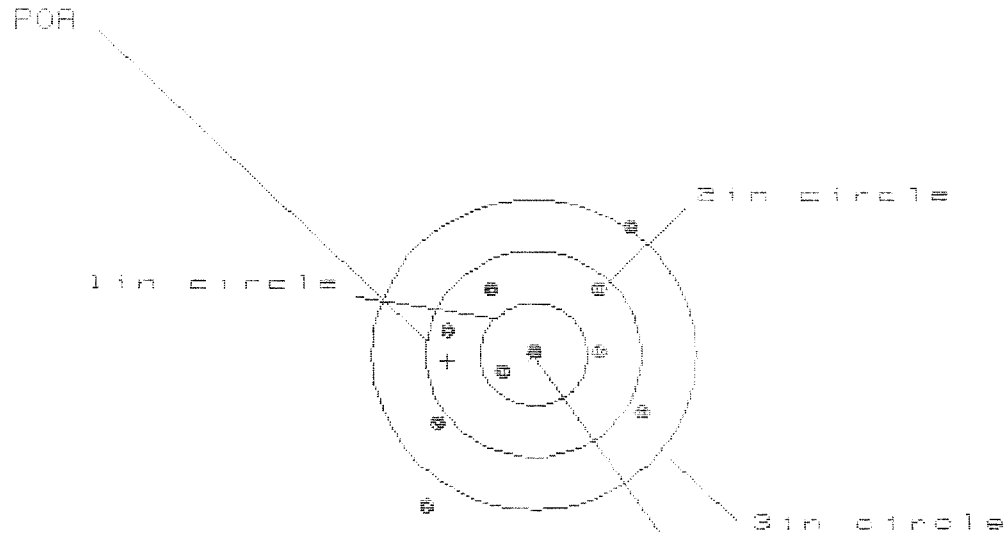
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.368	1.259	1.127
MINIMUM X	:	-.983	-1.057	-1.097
MAXIMUM Y	:	.983	.859	.704
MINIMUM Y	:	-1.115	-1.239	-1.115
CENTROID X	:	-.036	.073	.205
CENTROID Y	:	-.106	.018	.173
POA TO CENTROID in.	:	.112	.075	.269
MIN RADIUS	:	.193	.071	.202
MEAN RADIUS	:	1.062	.978	.875
MAX RADIUS	:	1.486	1.629	1.319
HORIZONTAL SPREAD	:	2.351	2.316	2.224
VERTICAL SPREAD	:	2.098	2.098	1.819
EXTREME SPREAD	:	2.734	2.704	2.478
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

7 NOV 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08340802

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.976

VS= 2.669

GS= 3.281

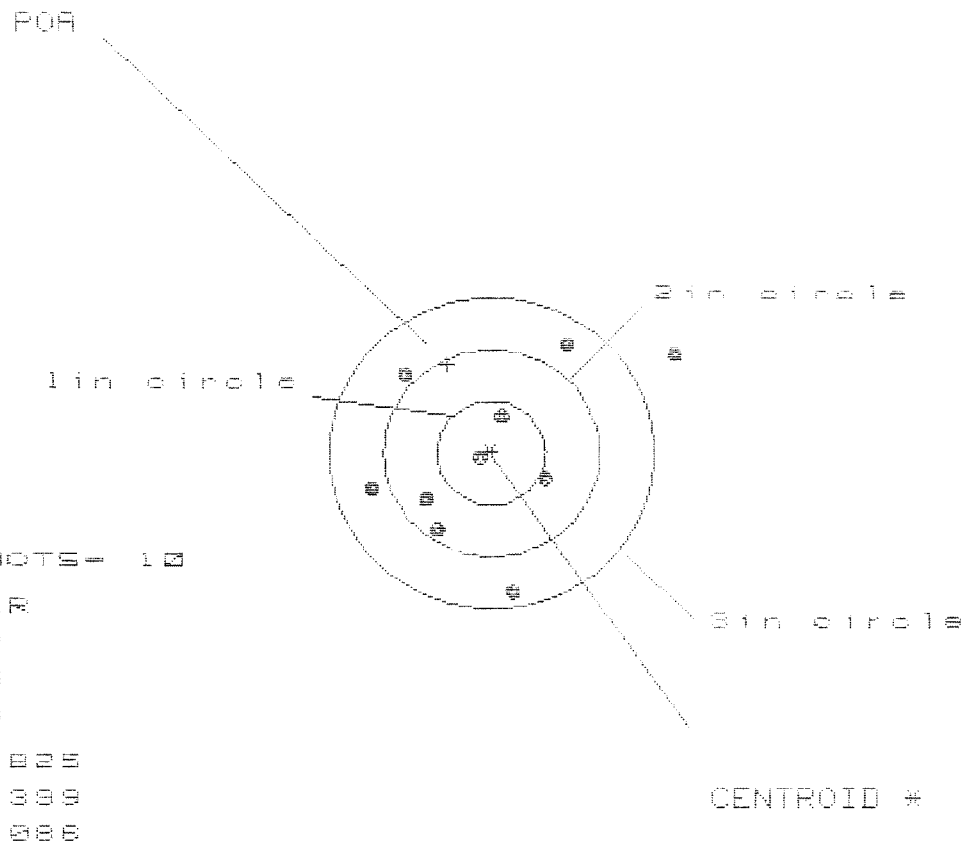
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.000	.891	.994
MINIMUM X	:	-.976	-.958	-.855
MAXIMUM Y	:	1.220	1.058	.608
MINIMUM Y	:	-1.450	-.775	-.642
CENTROID X	:	.796	.905	.882
CENTROID Y	:	.062	.224	.091
POA TO CENTROID in.	:	.799	.932	.867
MIN RADIUS	:	.066	.130	.038
MEAN RADIUS	:	.885	.786	.692
MAX RADIUS	:	1.748	1.341	1.161
HORIZONTAL SPREAD	:	1.976	1.849	1.849
VERTICAL SPREAD	:	2.669	1.833	1.250
EXTREME SPREAD	:	3.281	2.556	1.926
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

1 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348882

CENTERFIRE PATTERNS # 3



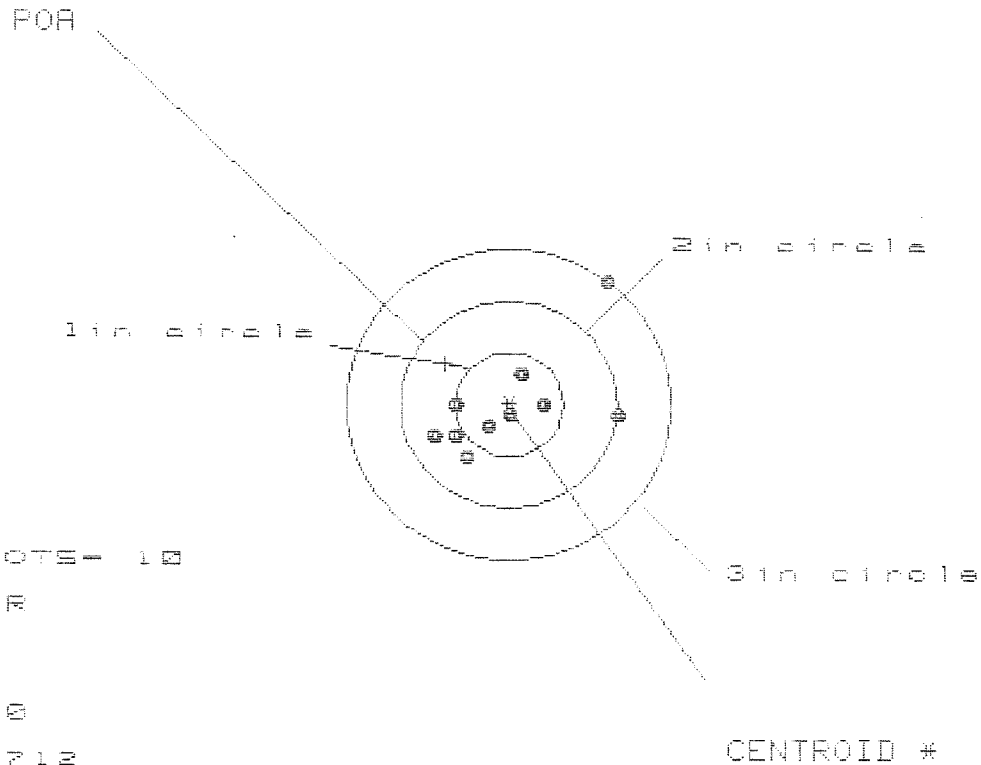
OF SHOTS = 10
 # IN CIR
 1in = 2
 2in = 5
 3in = 9
 1in = 2.000
 2in = 2.000
 3in = 3.000

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.738	.893	.939
MINIMUM X	:	-1.087	-.894	-.848
MAXIMUM Y	:	1.051	1.155	1.000
MINIMUM Y	:	-1.348	-1.244	-.820
CENTROID X	:	.406	.213	.167
CENTROID Y	:	-.858	-.962	-.807
POA TO CENTROID in.	:	.949	.985	.824
MIN RADIUS	:	.108	.133	.141
MEAN RADIUS	:	.958	.825	.764
MAX RADIUS	:	1.973	1.460	1.371
HORIZONTAL SPREAD	:	2.825	1.787	1.787
VERTICAL SPREAD	:	2.399	2.399	1.920
EXTREME SPREAD	:	3.086	2.456	2.245
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348882

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 1.712

VS= 1.693

GS= 2.168

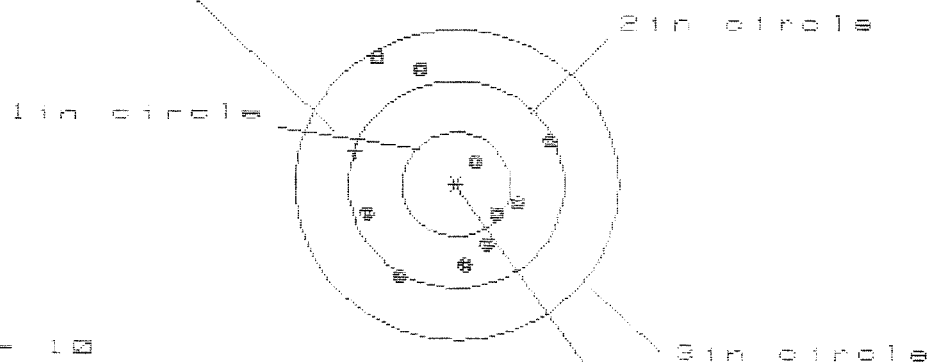
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.921	1.119	.507
MINIMUM X	:	-.691	-.593	-.453
MAXIMUM Y	:	1.194	.409	.413
MINIMUM Y	:	-.499	-.367	-.363
CENTROID X	:	.589	.491	.351
CENTROID Y	:	-.399	-.531	-.535
POA TO CENTROID in.	:	.711	.723	.640
MIN RADIUS	:	.110	.091	.104
MEAN RADIUS	:	.589	.453	.356
MAX RADIUS	:	1.484	1.119	.518
HORIZONTAL SPREAD	:	1.712	1.712	.960
VERTICAL SPREAD	:	1.693	.776	.776
EXTREME SPREAD	:	2.168	1.724	.997
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346882

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.642

VS= 2.122

GS= 2.154

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.861	.782	.736
MINIMUM X	:	-.781	-.860	-.906
MAXIMUM Y	:	1.223	1.231	.708
MINIMUM Y	:	-.899	-.764	-.610
CENTROID X	:	.930	1.009	1.055
CENTROID Y	:	-.323	-.458	-.612
POA TO CENTROID (in.)	:	.985	1.103	1.220
MIN RADIUS	:	.237	.322	.289
MEAN RADIUS	:	.818	.720	.622
MAX RADIUS	:	1.414	1.286	1.021
HORIZONTAL SPREAD	:	1.642	1.642	1.642
VERTICAL SPREAD	:	2.122	1.995	1.318
EXTREME SPREAD	:	2.154	2.015	1.947
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	