

C6225296

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead

Repair Inquiry

Repair Number: RE00092971

Serial: C6225296 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1999

Repairman:

Verify Repair:

Status:

Closed 2/11/2005 7:30:19 AM

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

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Code:

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagjet

2/14/2005

9:10 AM

CAPS

NUM

INS

SCPL

start

Serial Number:

C6225296

Model: M24 SWS



RE00092971

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225296.___0

FILE DATE AND TIME: 03/23/2005 09:44

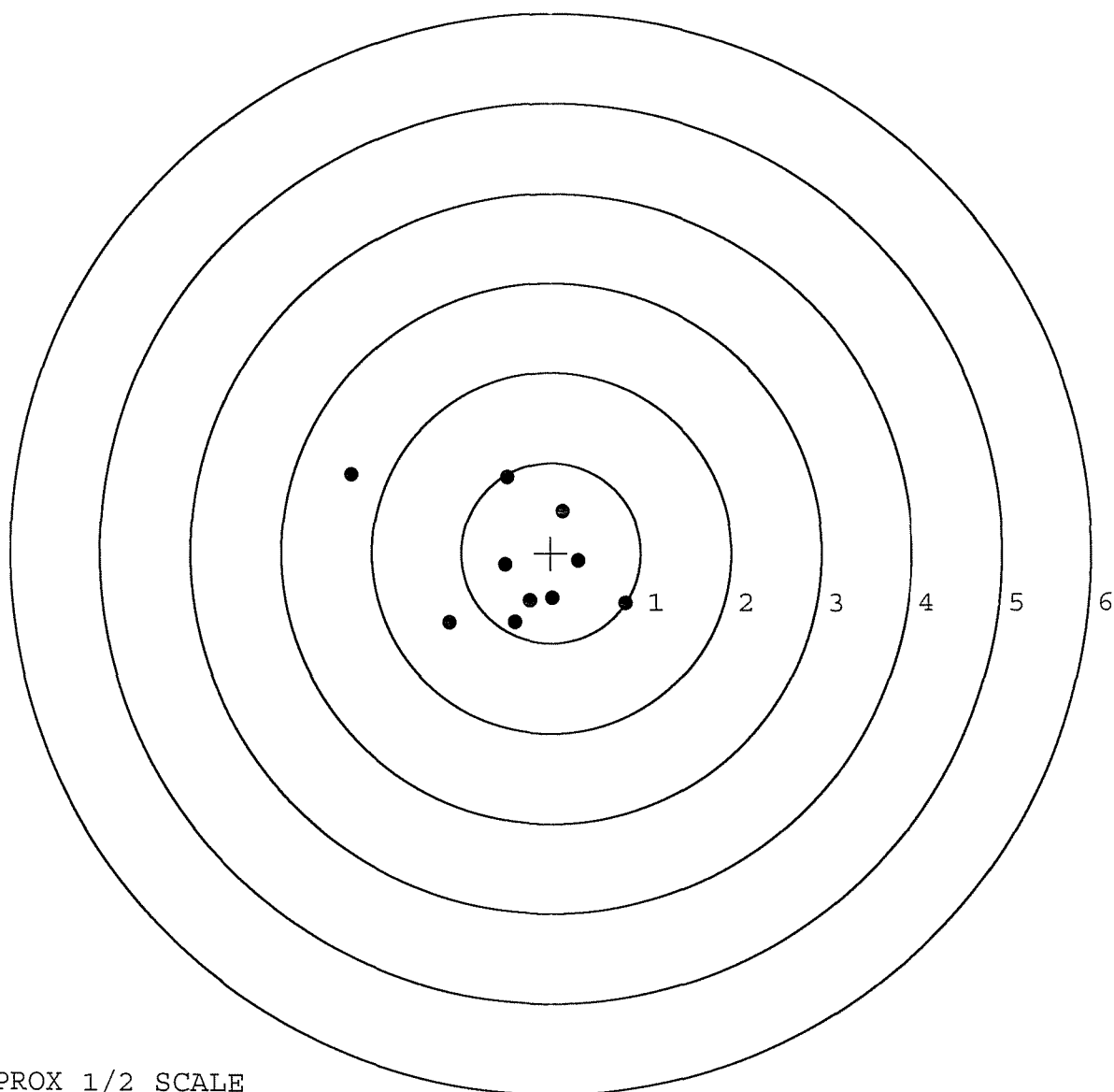
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.066
The Average Y Centroid of the Five Target Set:	-0.009
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.834
The Distance from POA to Centroid Target #1:	0.391
The Distance from Centroid Target #2 to Centroid Target #1:	0.523
The Distance from Centroid Target #3 to Centroid Target #1:	0.475
The Distance from Centroid Target #4 to Centroid Target #1:	0.430
The Distance from Centroid Target #5 to Centroid Target #1:	0.245

SERIAL NUMBER: C6225296. __0
 TARGET NUMBER: 1
 FILE DATE: 03/23/2005
 FILE TIME: 09:44

X CENTROID: -0.372
 Y CENTROID: -0.120
 POA TO CENTROID: 0.391
 HORZ SPREAD: 3.062
 VERT SPREAD: 1.649
 GROUP SPREAD: 3.381
 MIN RADIUS: 0.137
 MAX RADIUS: 2.107
 MEAN RADIUS: 0.858
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.832	-0.560
2:	0.309	-0.091
3:	0.127	0.463
4:	-0.508	-0.138
5:	-0.489	0.837
6:	-1.138	-0.776
7:	-2.230	0.873
8:	-0.405	-0.776
9:	-0.234	-0.533
10:	0.014	-0.501

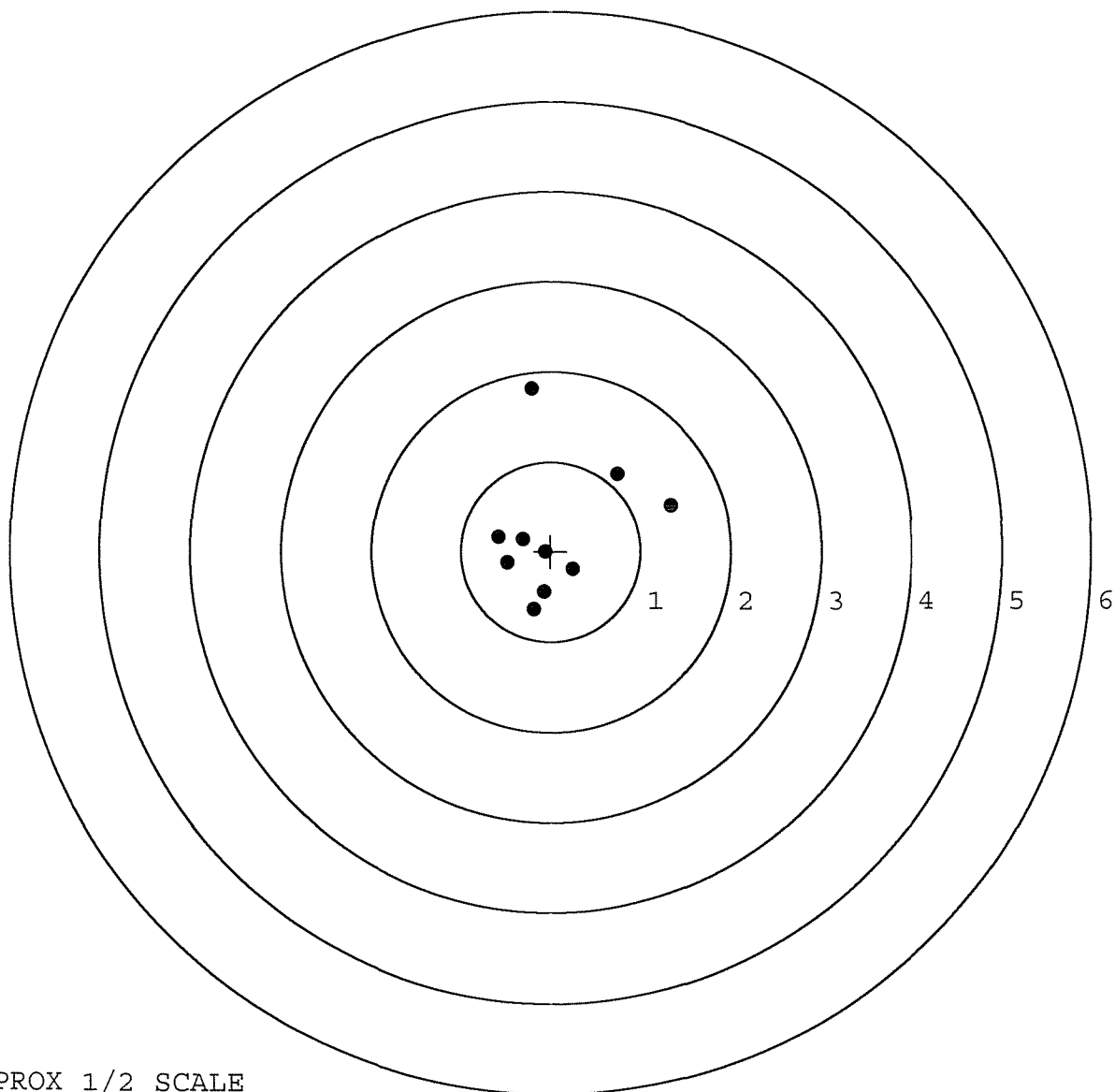


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225296. __0
 TARGET NUMBER: 2
 FILE DATE: 03/23/2005
 FILE TIME: 09:44

X CENTROID: 0.040
 Y CENTROID: 0.203
 POA TO CENTROID: 0.207
 HORZ SPREAD: 1.915
 VERT SPREAD: 2.459
 GROUP SPREAD: 2.459
 MIN RADIUS: 0.233
 MAX RADIUS: 1.626
 MEAN RADIUS: 0.776
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.331	0.512
2:	0.735	0.862
3:	-0.217	1.808
4:	-0.187	-0.651
5:	-0.074	-0.458
6:	0.250	-0.202
7:	-0.061	-0.007
8:	-0.310	0.134
9:	-0.584	0.163
10:	-0.486	-0.133

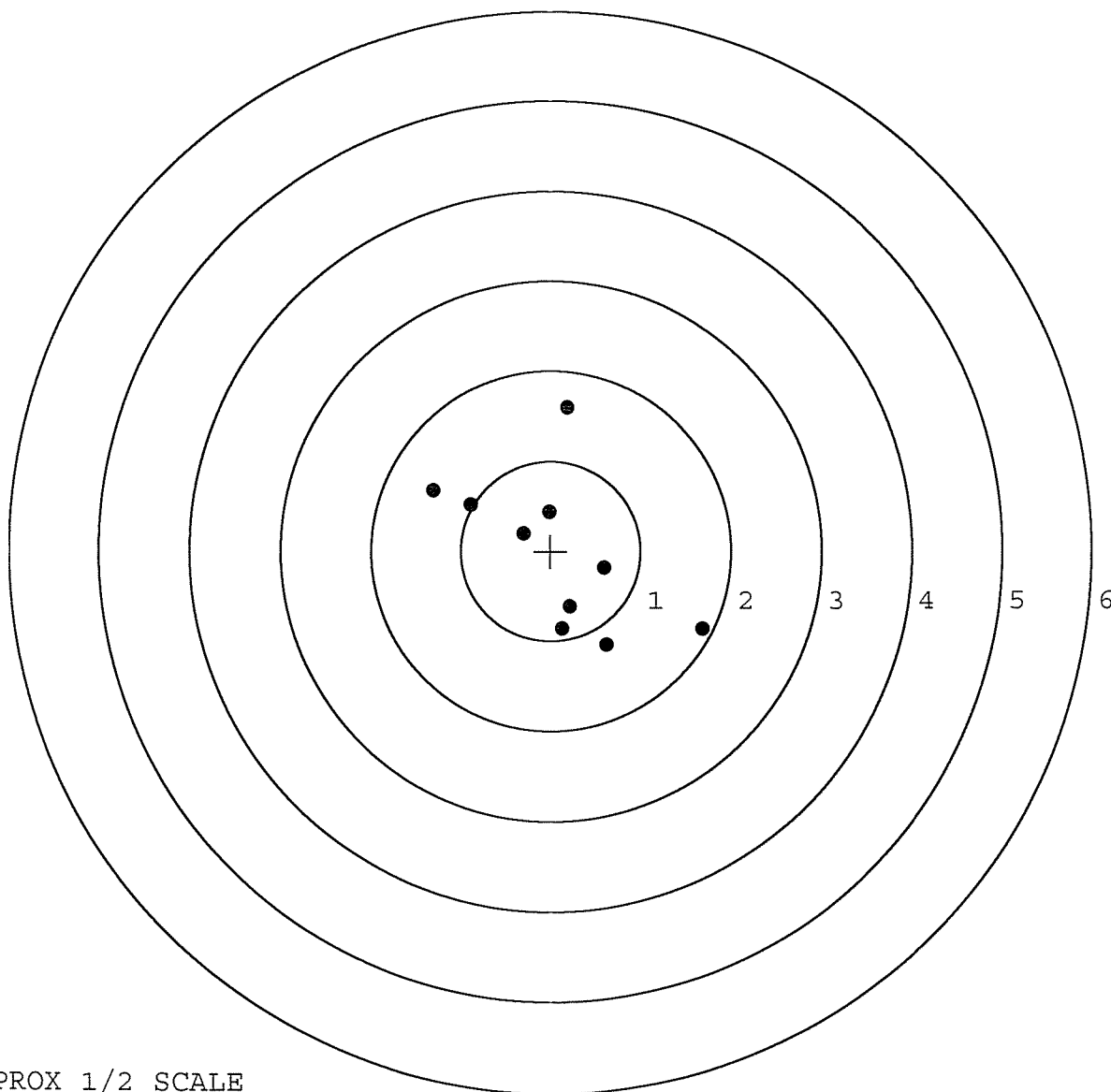


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225296. __0
 TARGET NUMBER: 3
 FILE DATE: 03/23/2005
 FILE TIME: 09:44

X CENTROID: 0.092
 Y CENTROID: -0.019
 POA TO CENTROID: 0.094
 HORZ SPREAD: 2.994
 VERT SPREAD: 2.637
 GROUP SPREAD: 3.369
 MIN RADIUS: 0.452
 MAX RADIUS: 1.804
 MEAN RADIUS: 1.018
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.684	-0.868
2:	0.624	-1.047
3:	0.129	-0.873
4:	0.217	-0.626
5:	0.594	-0.192
6:	-0.017	0.434
7:	-0.306	0.195
8:	-0.891	0.515
9:	-1.310	0.677
10:	0.191	1.590

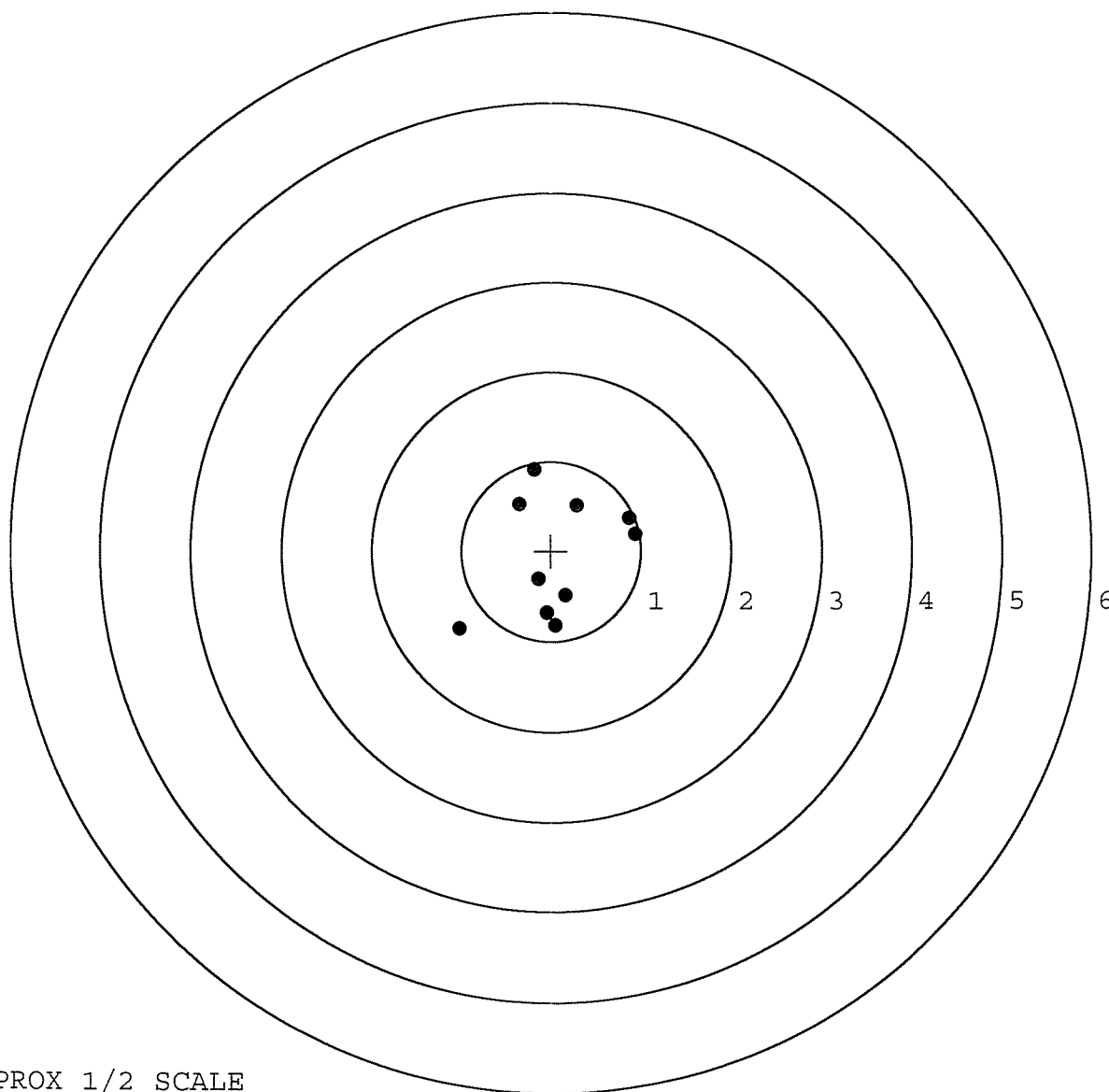


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225296.___0
 TARGET NUMBER: 4
 FILE DATE: 03/23/2005
 FILE TIME: 09:44

X CENTROID: 0.055
 Y CENTROID: -0.069
 POA TO CENTROID: 0.088
 HORZ SPREAD: 1.959
 VERT SPREAD: 1.772
 GROUP SPREAD: 2.257
 MIN RADIUS: 0.317
 MAX RADIUS: 1.337
 MEAN RADIUS: 0.768
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.938	0.189
2:	0.871	0.369
3:	0.289	0.513
4:	-0.354	0.520
5:	-0.190	0.910
6:	-1.021	-0.862
7:	0.048	-0.829
8:	0.163	-0.496
9:	-0.050	-0.687
10:	-0.143	-0.316

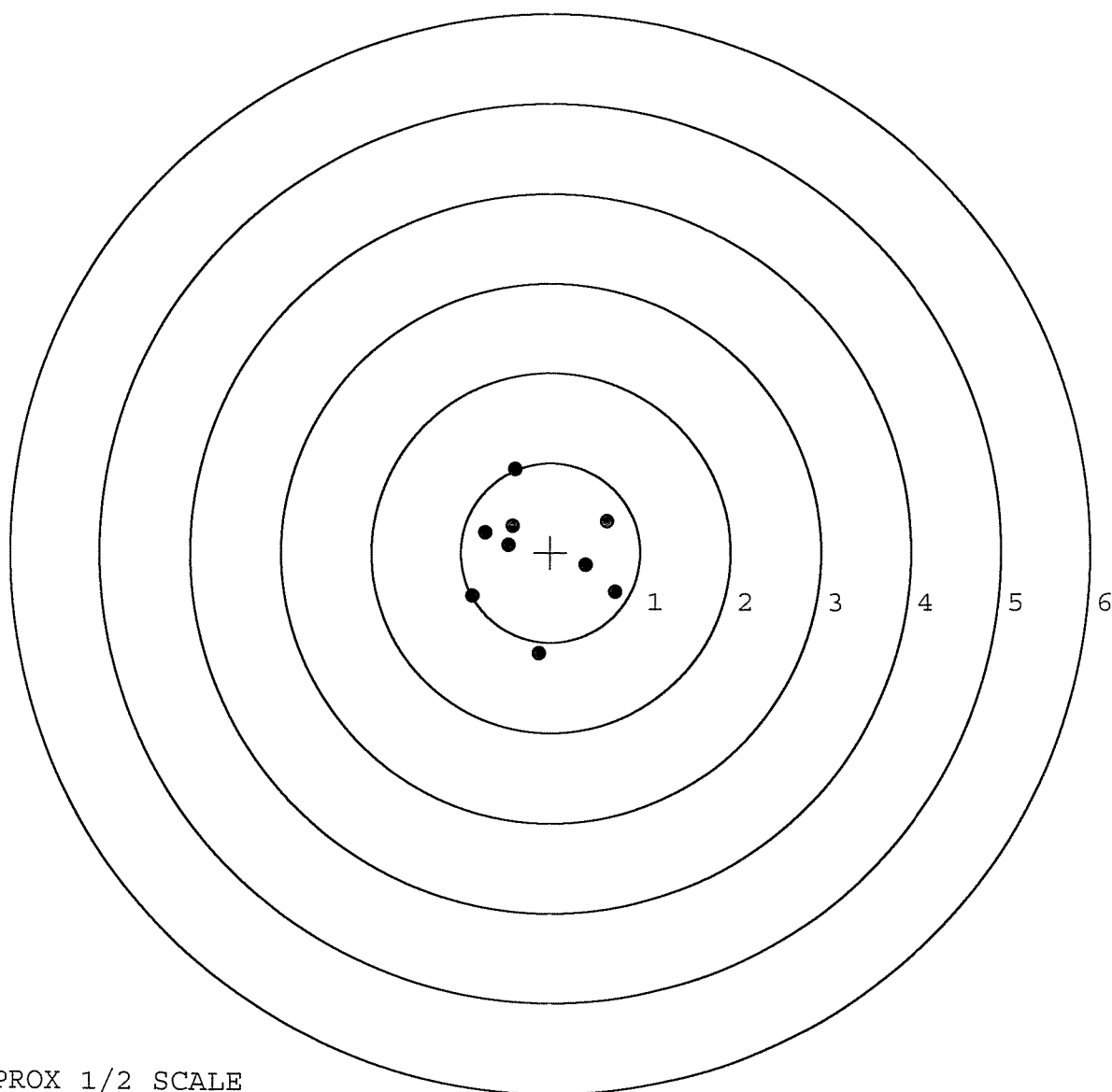


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225296. __0
 TARGET NUMBER: 5
 FILE DATE: 03/23/2005
 FILE TIME: 09:44

X CENTROID: -0.142
 Y CENTROID: -0.037
 POA TO CENTROID: 0.147
 HORZ SPREAD: 1.596
 VERT SPREAD: 2.065
 GROUP SPREAD: 2.082
 MIN RADIUS: 0.350
 MAX RADIUS: 1.096
 MEAN RADIUS: 0.750
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.133	-1.133
2:	0.725	-0.446
3:	0.395	-0.145
4:	0.627	0.347
5:	-0.397	0.932
6:	-0.731	0.223
7:	-0.421	0.295
8:	-0.471	0.083
9:	-0.871	-0.493



TARGET APPROX 1/2 SCALE

R & E NUMBER	92971		
SERIAL NUMBER	C16225296		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-05	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	
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	3-22-05	RTZ
B	TRIGGER PULL TEST		
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	3-23-05	AC
655	FINAL INSPECT	3-31-05	AC
660	PACK	4-22-05	RA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225296

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	Rw
600	Proof	4 12	89	Rw
607	Check Headspace	4 12	89	Rw
610	Dis-assemble Gun	4 12	89	Rw
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/15/89	G.S.
617	Drill and Tap Sight Holes	4 14	89	JB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4/20/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/89	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/89	Rw
	C) Inspect Ejector Hole for Chamfer		5/1/89	Rw
	D) Oil Firing Pin Ass'y		5/1/89	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/2/89	GU
	G) Safety Off Force	3	3	3			5/2/89	GU
	H) Trigger Pull Test & Retainability						5/2/89	WB
	I) Firing Pin Indent	.021	.021	.021			5/2/89	GU
	J) Assemble Stock						5/2/89	RW
	K) Assemble Swivel Studs						15 May 89	SS
	L) Attach Front and Rear Sight Assemblies						5/2/89	RW
	M) Iron Sight Alignment						5/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/2/89	RW
	O) Attach Scope to Rifle						5/2/89	GU
	P) Detach & Attach Scope 20 Times						5/3/89	GU
640	Gallery Target & Test	54	R	95L			5/3/89	DH
	A) Time						5/3/89	DH
	B) Malfunctions						5/3/89	DH
	C) Pierced Primers						5/3/89	DH
	D) Optical Clarity of Scope						5/3/89	DH
645	Inspect for Live Ammo						5/3/89	DH
655	Final Inspection							
	A) Headspace						15 May 89	SS
	B) Trigger Pull	2.83	2.48	2.29	2.89	2.45	15 May 89	SS
	C) Function						15 May 89	SS
660	Pack						26 June 89	SS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225296DATE 3-28-90TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.37	2.29	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.44	2.37	
PULL #3	2.36	2.42	2.44	
PULL #4	2.42	2.41	2.39	
PULL #5	2.40	2.40	2.41	
TOTAL	12.00	11.96	12.01	
AVG.	2.4	2.392	2.402	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.36	3.34	
PULL #2	3.41	3.37	
PULL #3	3.42	3.37	
PULL #4	3.43	3.38	
PULL #5	3.34	3.37	
TOTAL	16.96	16.83	
AVG.	3.392	3.366	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.27		
PULL #2	4.26	4.28		
PULL #3	4.34	4.26		
PULL #4	4.29	4.22		
PULL #5	4.28	4.24		
TOTAL	21.28	21.29		
AVG.	4.256	4.258		

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6225296
 4 May 1989

CENTROIDAL DISTANCES

0 TO	1	.425564
1 TO	2	.265096
1 TO	3	.222036
1 TO	4	.766969
1 TO	5	.971958

$\bar{y}_1$
 $\bar{y}_4$ + (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1212
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1706
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .20927

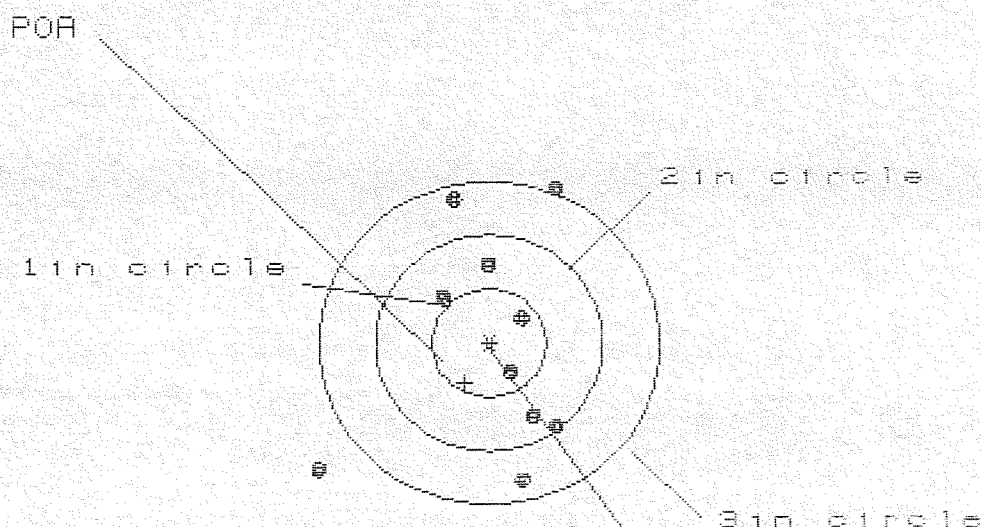
THE AMR FOR THIS RIFLE IS: .7638

4 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225296

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.081

VS= 2.736

GS= 3.307

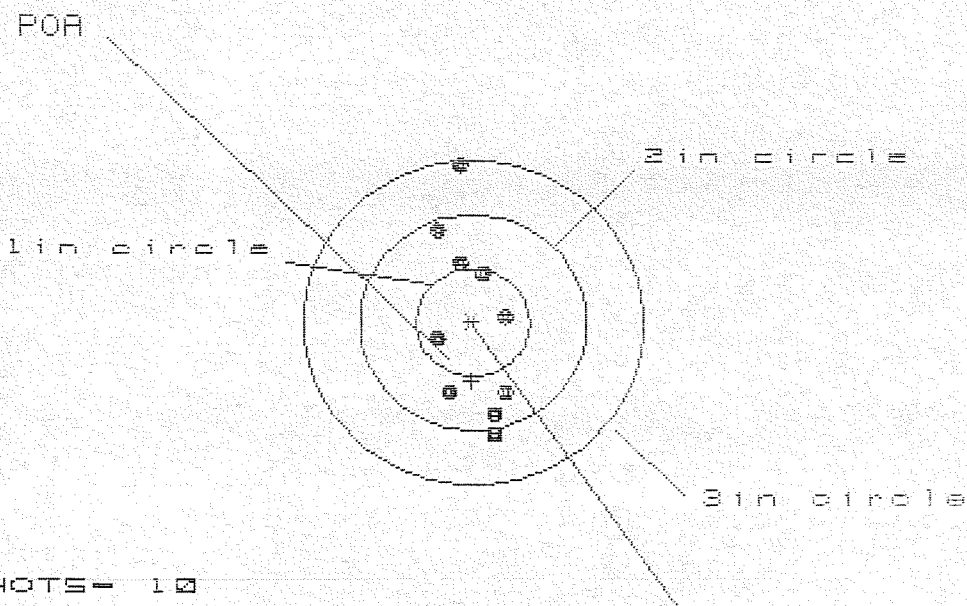
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.593	.428	.475
MINIMUM X	-1.488	-.555	-.508
MAXIMUM Y	1.453	1.325	1.416
MINIMUM Y	-1.283	-1.411	-1.246
CENTROID X	.212	.377	.330
CENTROID Y	.369	.497	.332
POA TO CENTROID in.	.425	.624	.468
MIN RADIUS	.304	.136	.217
MEAN RADIUS	.988	.862	.787
MAX RADIUS	1.885	1.418	1.485
HORIZONTAL SPREAD	2.081	.983	.983
VERTICAL SPREAD	2.736	2.736	2.662
EXTREME SPREAD	3.307	2.747	2.736
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

4 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225296

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = .663

VS = 2.502

GS = 2.524

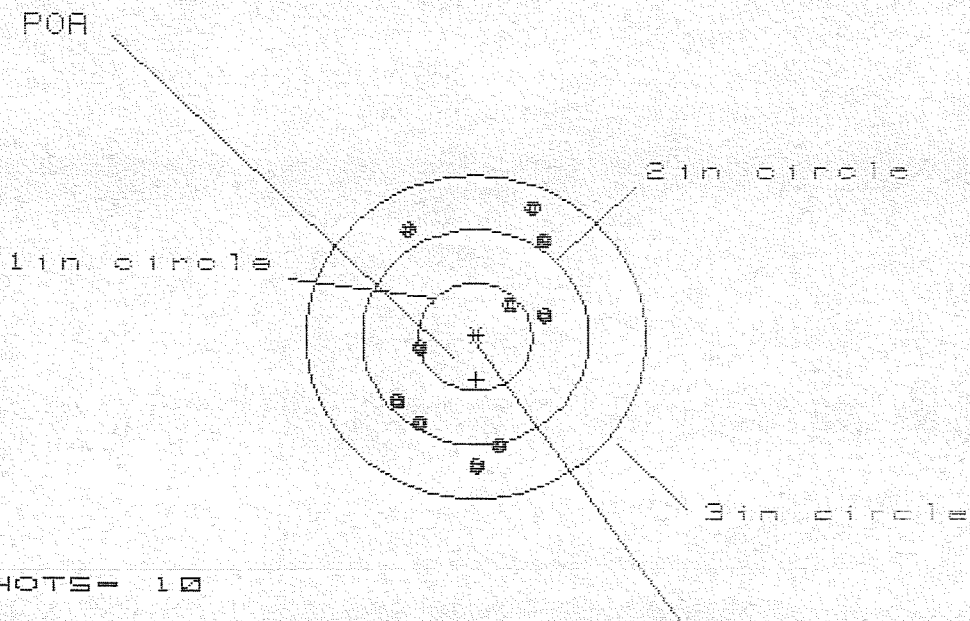
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.324	.306	.326
MINIMUM X	:	-.339	-.357	-.337
MAXIMUM Y	:	1.433	1.050	.937
MINIMUM Y	:	-1.069	-.910	-.798
CENTROID X	:	.012	.030	.010
CENTROID Y	:	.543	.384	.497
POA TO CENTROID in.	:	.543	.385	.497
MIN RADIUS	:	.300	.301	.284
MEAN RADIUS	:	.737	.647	.605
MAX RADIUS	:	1.442	1.109	.996
HORIZONTAL SPREAD	:	.663	.663	.663
VERTICAL SPREAD	:	2.502	1.960	1.735
EXTREME SPREAD	:	2.524	2.026	1.821
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

4 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225298

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 1.252

VS = 2.322

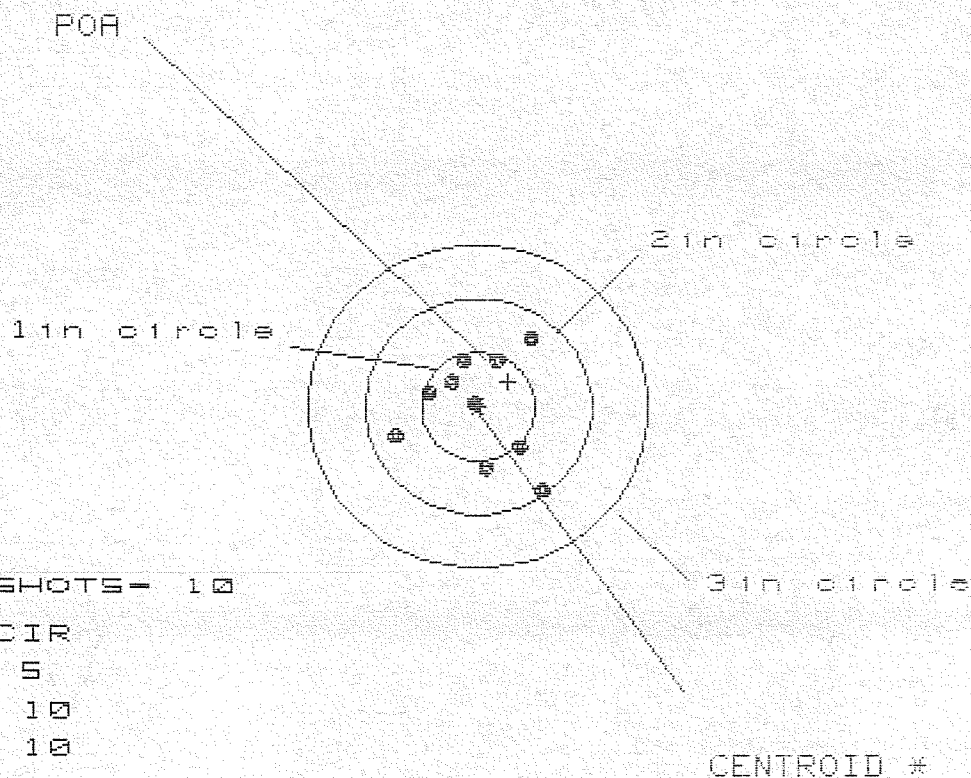
GS = 2.380

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.592	.649	.580
MINIMUM X	:	-.660	-.603	-.672
MAXIMUM Y	:	1.170	1.157	1.133
MINIMUM Y	:	-1.152	-1.022	-.878
CENTROID X	:	-.008	-.065	.004
CENTROID Y	:	.399	.269	.125
POA TO CENTROID in.	:	.399	.277	.125
MIN RADIUS	:	.440	.470	.570
MEAN RADIUS	:	.904	.852	.785
MAX RADIUS	:	1.279	1.282	1.266
HORIZONTAL SPREAD	:	1.252	1.252	1.252
VERTICAL SPREAD	:	2.322	2.179	2.011
EXTREME SPREAD	:	2.380	2.261	2.094
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

4 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225296

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 10

3 in = 10

HS= 1.305

VS= 1.427

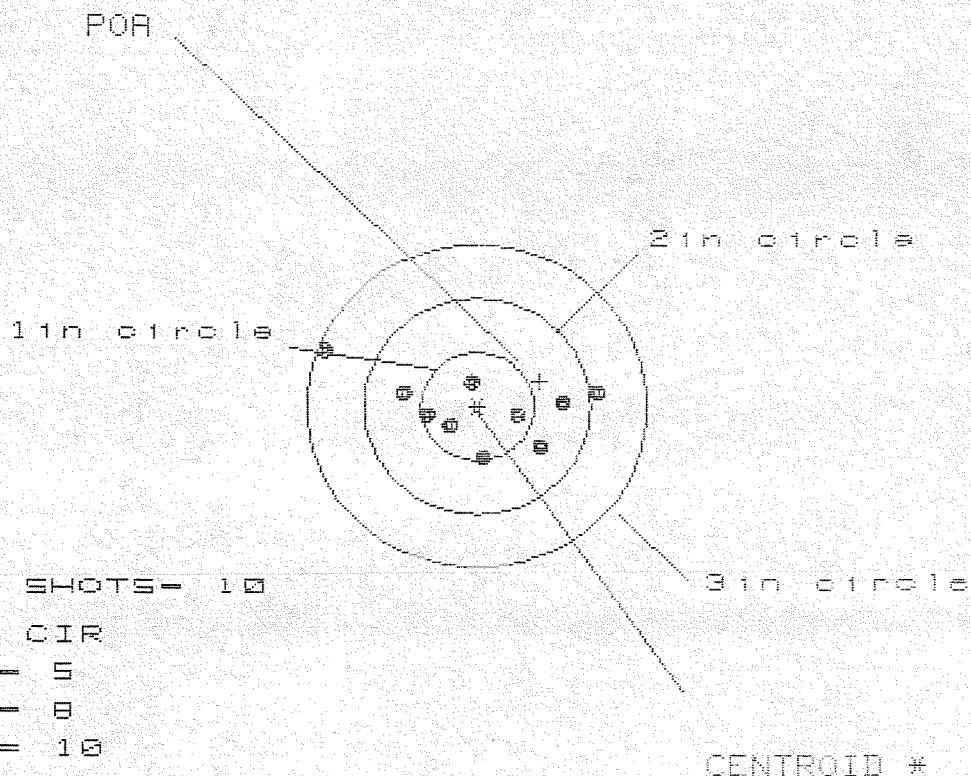
GS= 1.500

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.586	.505	.477
MINIMUM X	:	-.719	-.654	-.591
MAXIMUM Y	:	.671	.587	.455
MINIMUM Y	:	-.756	-.660	-.587
CENTROID X	:	-.267	-.332	-.395
CENTROID Y	:	-.230	-.146	-.219
POA TO CENTROID in.	:	.352	.363	.452
MIN RADIUS	:	.083	.041	.066
MEAN RADIUS	:	.544	.473	.437
MAX RADIUS	:	.957	.774	.659
HORIZONTAL SPREAD	:	1.305	1.159	1.068
VERTICAL SPREAD	:	1.427	1.247	1.042
EXTREME SPREAD	:	1.500	1.500	1.184
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

4 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225296

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 2.442

VS= 1.001

GS= 2.477

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	.934	.695
MINIMUM X	:	-1.357	-.780	-.663
MAXIMUM Y	:	.547	.331	.355
MINIMUM Y	:	-.454	-.393	-.369
CENTROID X	:	-.555	-.404	-.521
CENTROID Y	:	-.228	-.289	-.313
POA TO CENTROID in.	:	.600	.497	.608
MIN RADIUS	:	.283	.185	.299
MEAN RADIUS	:	.646	.543	.481
MAX RADIUS	:	1.463	.954	.713
HORIZONTAL SPREAD	:	2.442	1.714	1.358
VERTICAL SPREAD	:	1.001	.724	.724
EXTREME SPREAD	:	2.477	1.714	1.359
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

Remington



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

MODEL 700™ M24

SERIAL NO.
C6225296

ORDER NO.
5716

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

01



5716 C6225296

UPC

