

C6225517

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



BARBER - M24 0050447

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

Repair Inquiry

Repair Number: **RE00092757** Serial: C6225517 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/21/1999 Repairman: Status: Closed 2/10/2005 11:37:55 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

FF: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Good

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

nagat 2/14/2005 8:20 AM CAPS NUM INS SCPL

start 5 2 4 ARMS SERVICE

Serial Number: **C6225517**

Model: **M24 SWS**



RE00092757

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225517.___0
FILE DATE AND TIME: 06/23/2005 10:00

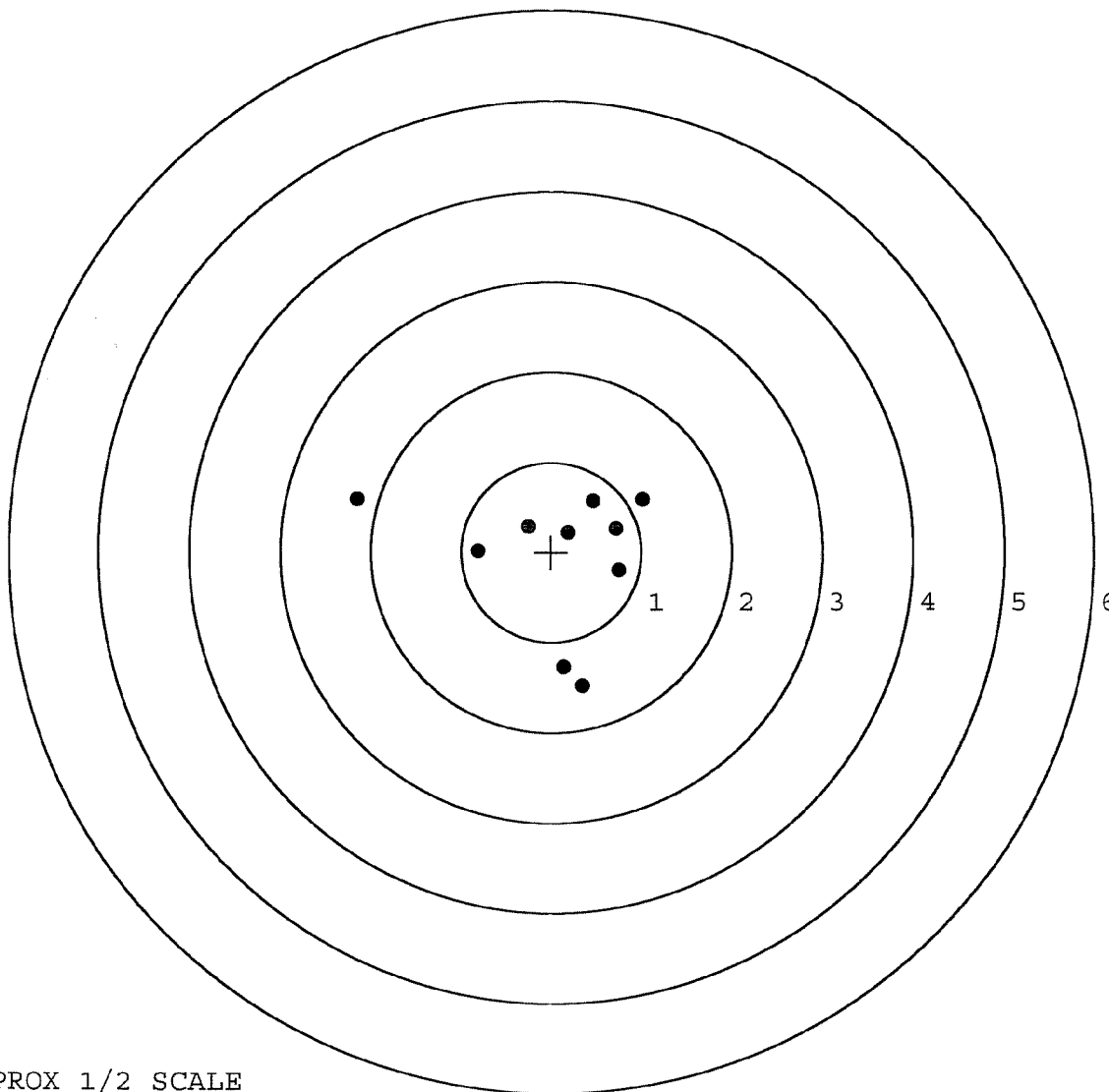
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.019
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.905
The Distance from POA to Centroid Target #1:	0.060
The Distance from Centroid Target #2 to Centroid Target #1:	0.198
The Distance from Centroid Target #3 to Centroid Target #1:	0.158
The Distance from Centroid Target #4 to Centroid Target #1:	0.264
The Distance from Centroid Target #5 to Centroid Target #1:	0.033

SERIAL NUMBER: C6225517. __0
 TARGET NUMBER: 1
 FILE DATE: 06/23/2005
 FILE TIME: 10:00

POINT#	X	Y
1:	1.011	0.590
2:	0.461	0.569
3:	0.717	0.266
4:	0.192	0.215
5:	0.747	-0.205
6:	-0.259	0.284
7:	-0.818	0.013
8:	-2.154	0.580
9:	0.142	-1.283
10:	0.348	-1.489

X CENTROID: 0.039
 Y CENTROID: -0.046
 POA TO CENTROID: 0.060
 HORZ SPREAD: 3.165
 VERT SPREAD: 2.079
 GROUP SPREAD: 3.247
 MIN RADIUS: 0.303
 MAX RADIUS: 2.280
 MEAN RADIUS: 0.998
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



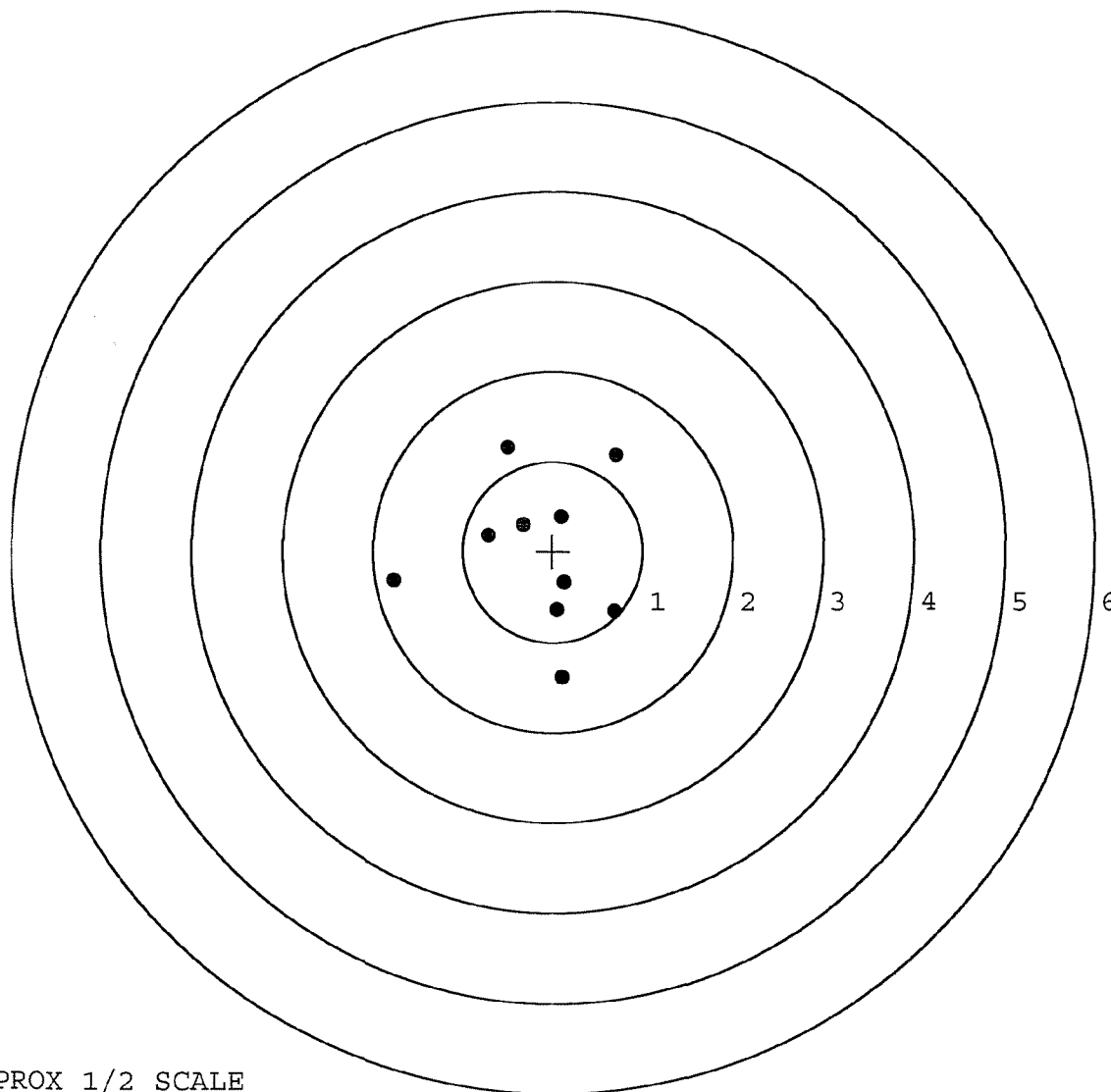
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225517. 0
 TARGET NUMBER: 2
 FILE DATE: 06/23/2005
 FILE TIME: 10:00

POINT#	X	Y
1:	0.695	1.079
2:	0.087	0.382
3:	-0.338	0.299
4:	-0.507	1.158
5:	-0.722	0.174
6:	-1.773	-0.331
7:	0.133	-0.349
8:	0.051	-0.652
9:	0.681	-0.664
10:	0.106	-1.389

X CENTROID: -0.159
 Y CENTROID: -0.029
 POA TO CENTROID: 0.161
 HORZ SPREAD: 2.468
 VERT SPREAD: 2.547
 GROUP SPREAD: 2.842
 MIN RADIUS: 0.374
 MAX RADIUS: 1.642
 MEAN RADIUS: 0.926

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

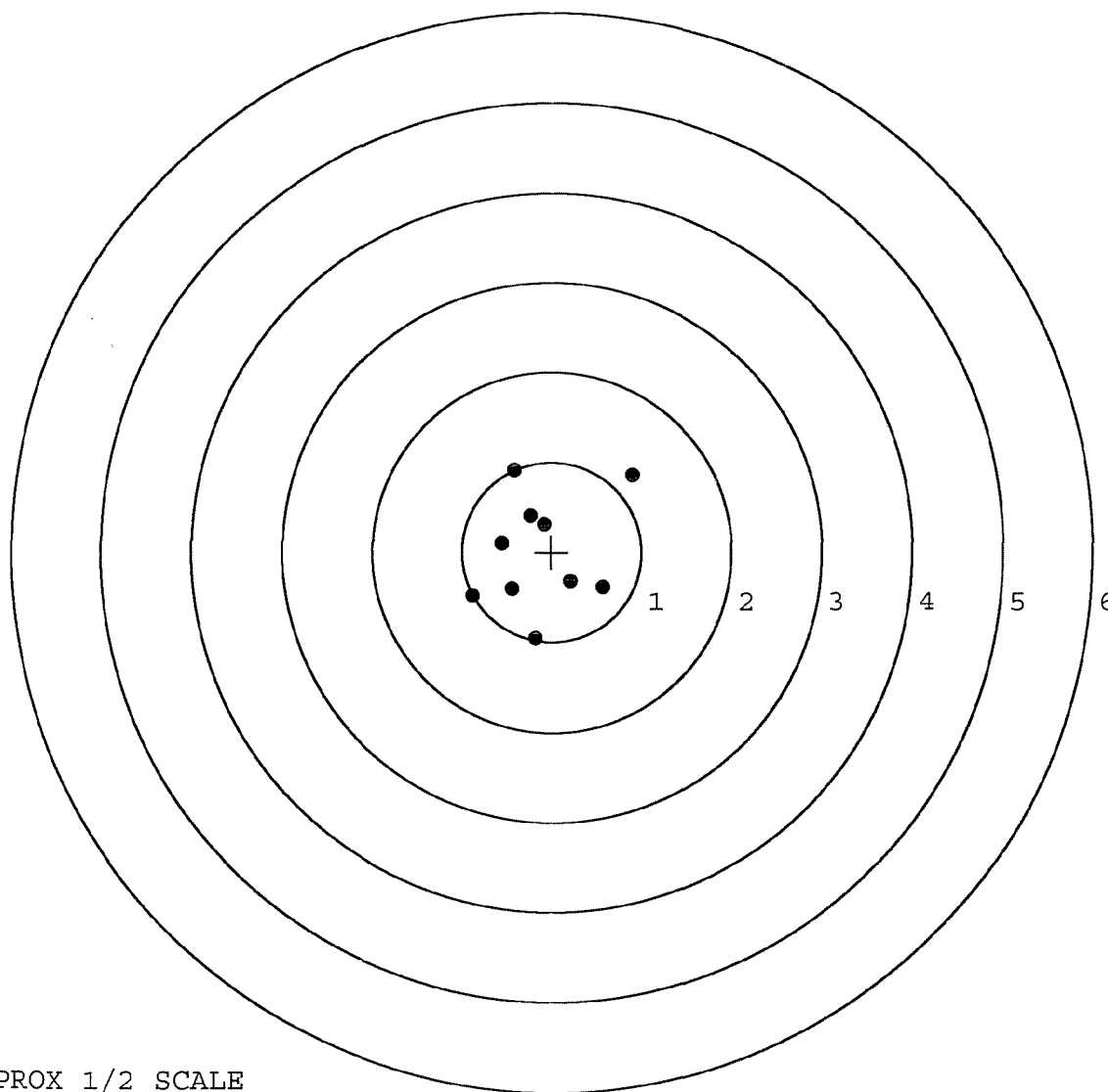


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225517. 0
 TARGET NUMBER: 3
 FILE DATE: 06/23/2005
 FILE TIME: 10:00

POINT#	X	Y
1:	0.897	0.858
2:	-0.418	0.907
3:	-0.088	0.308
4:	-0.245	0.402
5:	-0.557	0.094
6:	-0.441	-0.419
7:	0.571	-0.396
8:	0.209	-0.330
9:	-0.181	-0.970
10:	-0.886	-0.494

X CENTROID: -0.114
 Y CENTROID: -0.004
 POA TO CENTROID: 0.114
 HORZ SPREAD: 1.783
 VERT SPREAD: 1.877
 GROUP SPREAD: 2.238
 MIN RADIUS: 0.313
 MAX RADIUS: 1.329
 MEAN RADIUS: 0.714
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



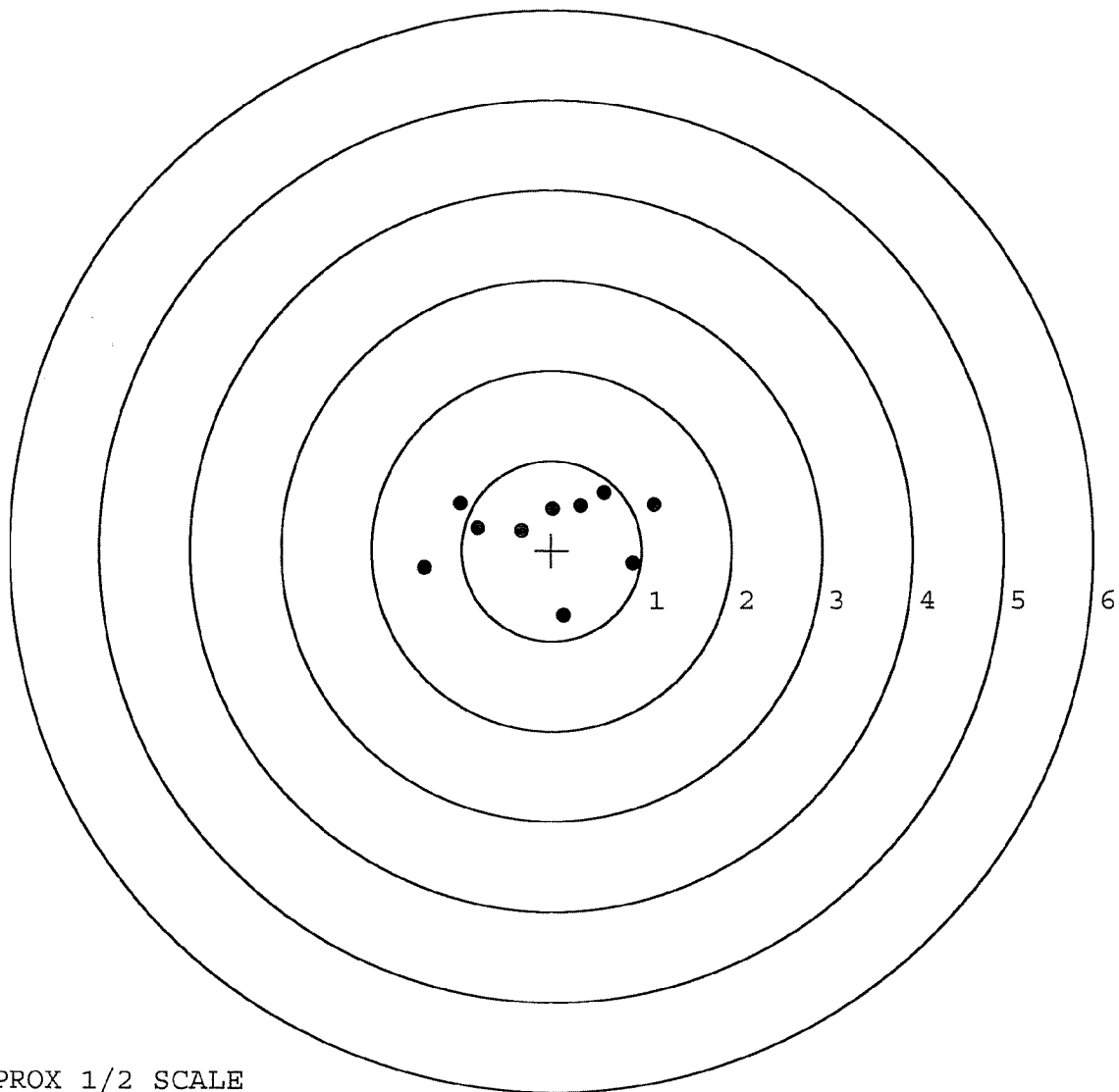
TARGET APPROX 1/2 SCALE

BARBER - M24 0050452

SERIAL NUMBER: C6225517. __0
 TARGET NUMBER: 4
 FILE DATE: 06/23/2005
 FILE TIME: 10:00

POINT#	X	Y
1:	0.585	0.644
2:	0.325	0.498
3:	0.014	0.466
4:	-0.335	0.217
5:	-0.823	0.243
6:	-1.018	0.517
7:	-1.418	-0.204
8:	0.900	-0.146
9:	0.134	-0.720
10:	1.138	0.507

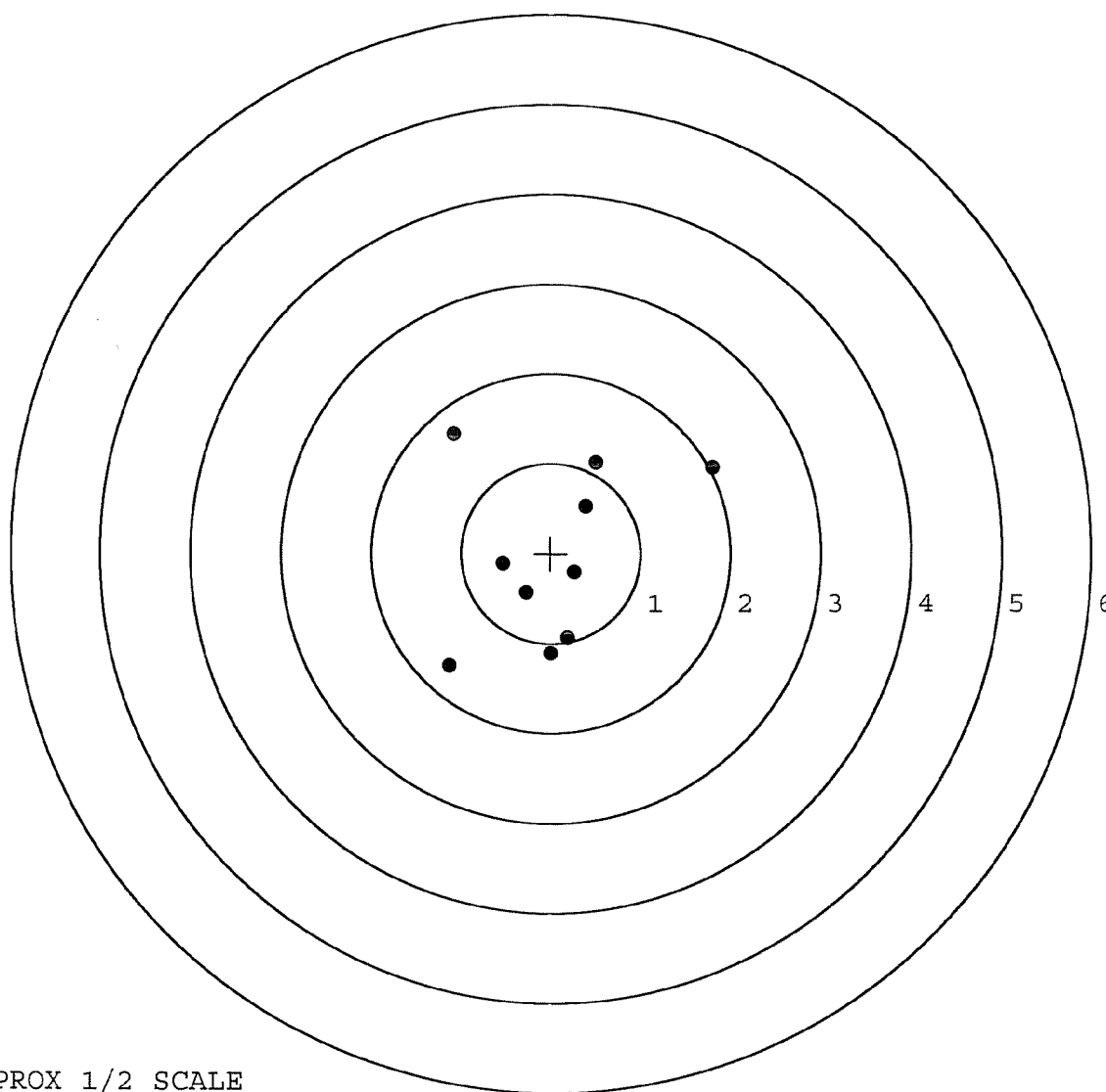
X CENTROID: -0.050
 Y CENTROID: 0.202
 POA TO CENTROID: 0.208
 HORZ SPREAD: 2.556
 VERT SPREAD: 1.364
 GROUP SPREAD: 2.653
 MIN RADIUS: 0.271
 MAX RADIUS: 1.427
 MEAN RADIUS: 0.821
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0050453

SERIAL NUMBER: C6225517.____0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.505	1.008
FILE DATE: 06/23/2005	2:	0.392	0.522
FILE TIME: 10:00	3:	1.797	0.957
	4:	0.262	-0.207
X CENTROID: 0.012	5:	-0.277	-0.435
Y CENTROID: -0.027	6:	-0.539	-0.115
POA TO CENTROID: 0.029	7:	0.193	-0.941
HORZ SPREAD: 2.926	8:	-0.003	-1.119
VERT SPREAD: 2.581	9:	-1.129	-1.259
GROUP SPREAD: 3.670	10:	-1.081	1.322
MIN RADIUS: 0.308			
MAX RADIUS: 2.038			
MEAN RADIUS: 1.066			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 7			



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92237		
SERIAL NUMBER	C6225517		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-25-05	RTC
560 A	RE-BARREL	6-6-05	RTC
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTC
600	PROOF MAGNA-FLUX INSPECTED	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTC
612	MAGNAFLUX	6/8/05	umb
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	CB
620	APPLY COATINGS	6-13-05	CW
625 A	FINAL ASSEMBLY	6-22-05	RTC
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-28-05	AC
D	SAFETY "OFF" FORCE	6-28-05	AC
E	FIRING PIN INDENT	6-28-05	AC
640	TARGET	6-23-05	TRW
655	FINAL INSPECT	6-28-05	AC
660	PACK	7-12-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225517

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	RJC.
	Magnaflux Bolt		1-3-89	RJC.
615	Rollmark Caliber		12/22/88	WJC.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-17-89	SP
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/20/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/20/89	RW
	C) Inspect Ejector Hole for Chamfer		1/20/89	RW
	D) Oil Firing Pin Ass'y		1/20/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		20/2/89	JS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			25 Jan 89	JS
	G) Safety Off Force	3	3	3			25 Jan 89	JS
	H) Trigger Pull Test & Retainability						20 Jan 89	JS
	I) Firing Pin Indent	.021	.0215	.021			25 Jan 89	JS
	J) Assemble Stock						1/26/89	RW
	K) Assemble Swivel Studs						1/26/89	JS
	L) Attach Front and Rear Sight Assemblies						1/26/89	RW
	M) Iron Sight Alignment						1/26/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/89	RW
	O) Attach Scope to Rifle						1/26/89	RW
	P) Detach & Attach Scope 20 Times						27 Jan 89	JS
640	Gallery Target & Test	41 R	112 L				1/30/89	A
	A) Time						"	A
	B) Malfunctions			NONE			"	A
	C) Pierced Primers			NONE			"	A
	D) Optical Clarity of Scope			OK			1/30/89	A
645	Inspect for Live Ammo			NONE			1/30/89	A
655	Final Inspection							
	A) Headspace						1/26/89	JS
	B) Trigger Pull	239	2.60	2.55	2.66	2.58	1/26/89	JS
	C) Function						1/26/89	JS
660	Pack						23 Jan 89	JS

5517

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225/60DATE 5 April 89TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.52	2.36	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.32	2.32	2.41	
PULL #3	2.47	2.51	2.17	2.28	
PULL #4	2.48	2.44	2.11	2.31	
PULL #5	2.21	2.34	2.14	2.24	
TOTAL	11.92	12.19	11.10	11.45	
AVG.	2.384	2.438	2.220	2.29	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	2.91		
PULL #2	2.91	2.87		
PULL #3	2.95	2.83		
PULL #4	3.52	3.06		
PULL #5	2.89	2.87		
TOTAL	15.68	14.34		
AVG.	3.136	2.868		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.17		4.30
PULL #2	4.25	3.81		4.02
PULL #3	4.26	3.99		4.21
PULL #4	4.07	4.01		4.23
PULL #5	4.17	4.03		4.20
TOTAL	20.93	20.01		20.96
AVG.	4.186	4.002		4.192

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225517
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.389724
1 TO	2	.580986
1 TO	3	.065192
1 TO	4	.0920869
1 TO	5	.0728011

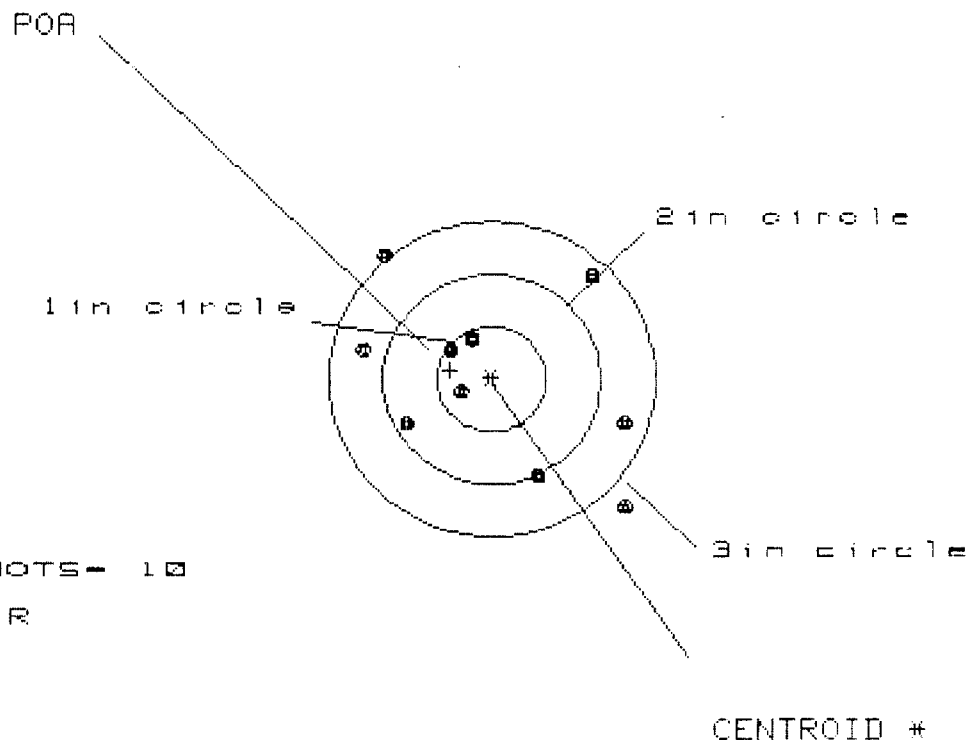
4g <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2612
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0452
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .265082
THE AMR FOR THIS RIFLE IS: .8644

30 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225517

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 4

3in = 8

HS = 2.379

VS = 2.453

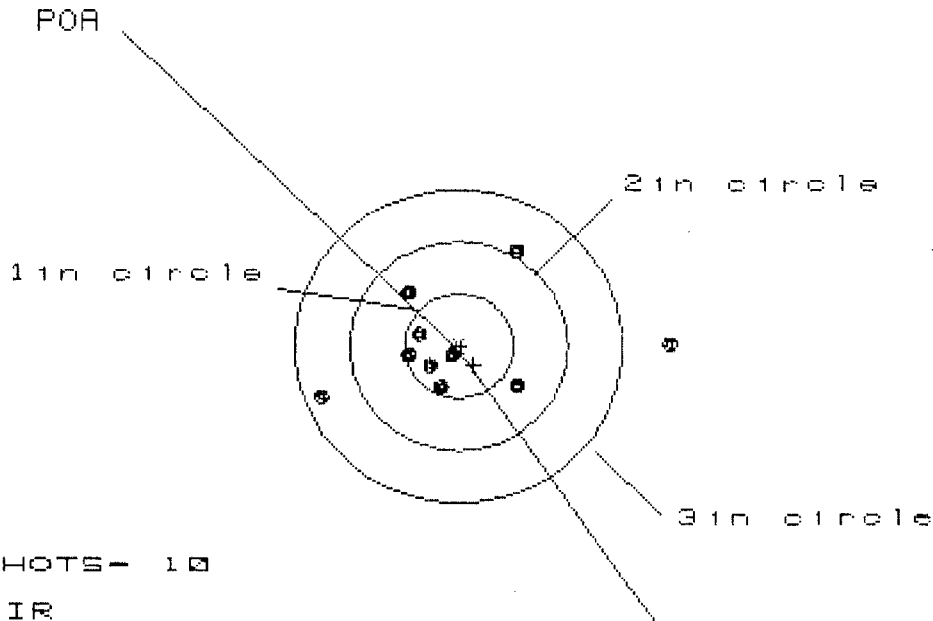
GS = 3.259

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	1.339	1.235
MINIMUM X	:	-1.172	-1.040	-1.144
MAXIMUM Y	:	1.187	1.046	1.001
MINIMUM Y	:	-1.266	-1.102	-0.971
CENTROID X	:	.381	.249	.353
CENTROID Y	:	-.082	.059	-.072
POA TO CENTROID in.	:	.390	.256	.360
MIN RADIUS	:	.267	.245	.243
MEAN RADIUS	:	1.024	.901	.865
MAX RADIUS	:	1.736	1.458	1.408
HORIZONTAL SPREAD	:	2.379	2.379	2.379
VERTICAL SPREAD	:	2.453	2.148	1.972
EXTREME SPREAD	:	3.259	2.706	2.473
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

30 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225517

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 9

HS= 3.196

VS= 1.410

GS= 3.234

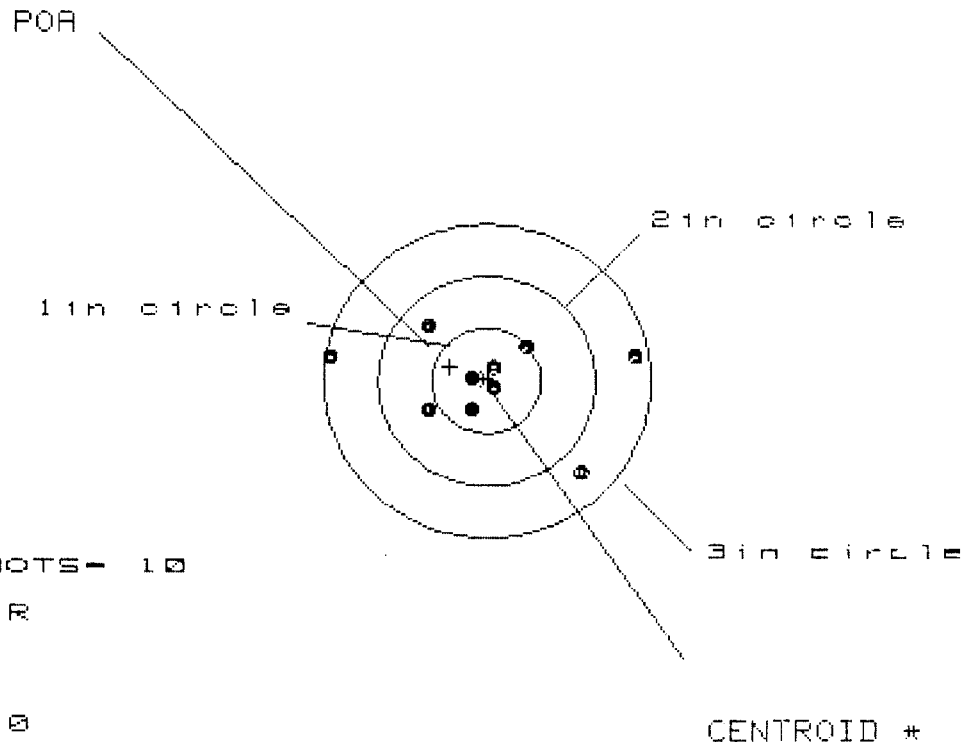
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.886	.789	.651
MINIMUM X	:	-1.310	-1.100	-.440
MAXIMUM Y	:	.933	.935	.875
MINIMUM Y	:	-.477	-.475	-.469
CENTROID X	:	-.135	-.345	-.207
CENTROID Y	:	.185	.183	.243
POA TO CENTROID in.	:	.229	.390	.319
MIN RADIUS	:	.070	.192	.131
MEAN RADIUS	:	.739	.569	.508
MAX RADIUS	:	1.886	1.198	1.058
HORIZONTAL SPREAD	:	3.196	1.889	1.091
VERTICAL SPREAD	:	1.410	1.410	1.344
EXTREME SPREAD	:	3.234	2.312	1.490
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6225517

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.856

VS= 1.361

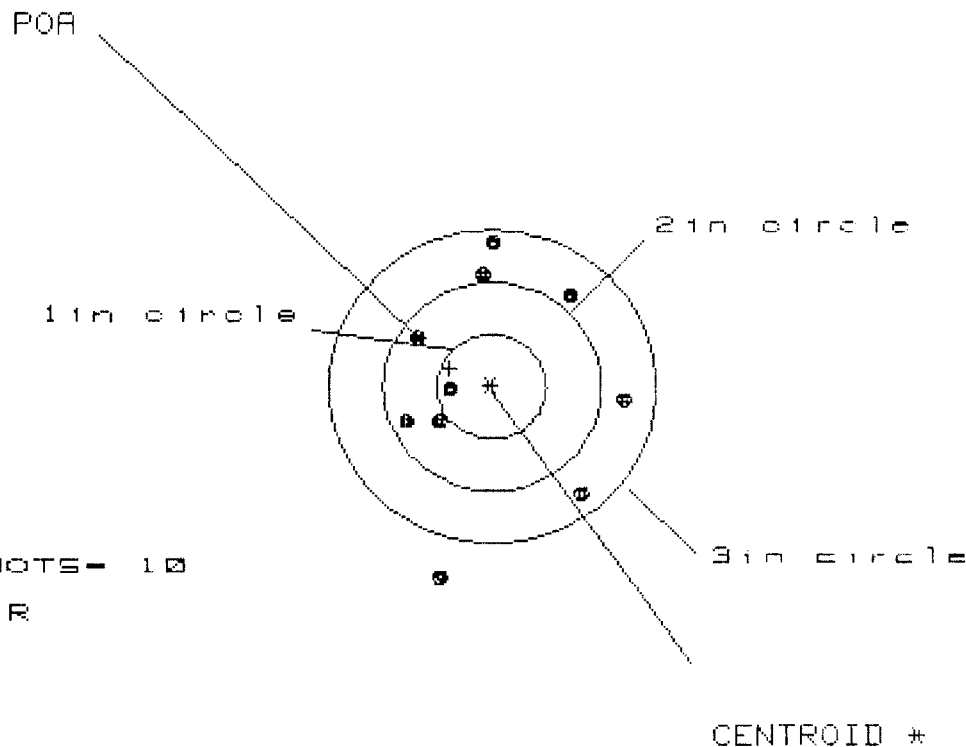
GS= 2.856

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.394	1.231	.852
MINIMUM X	:	-1.462	-.721	-.567
MAXIMUM Y	:	.493	.520	.551
MINIMUM Y	:	-.868	-.841	-.810
CENTROID X	:	.338	.501	.347
CENTROID Y	:	-.131	-.158	-.189
POA TO CENTROID in.	:	.363	.525	.395
MIN RADIUS	:	.094	.093	.066
MEAN RADIUS	:	.661	.591	.467
MAX RADIUS	:	1.482	1.255	1.176
HORIZONTAL SPREAD	:	2.856	1.952	1.419
VERTICAL SPREAD	:	1.361	1.361	1.361
EXTREME SPREAD	:	2.856	1.971	1.966
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225517

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 9

HS- 1.978

VS= 3.167

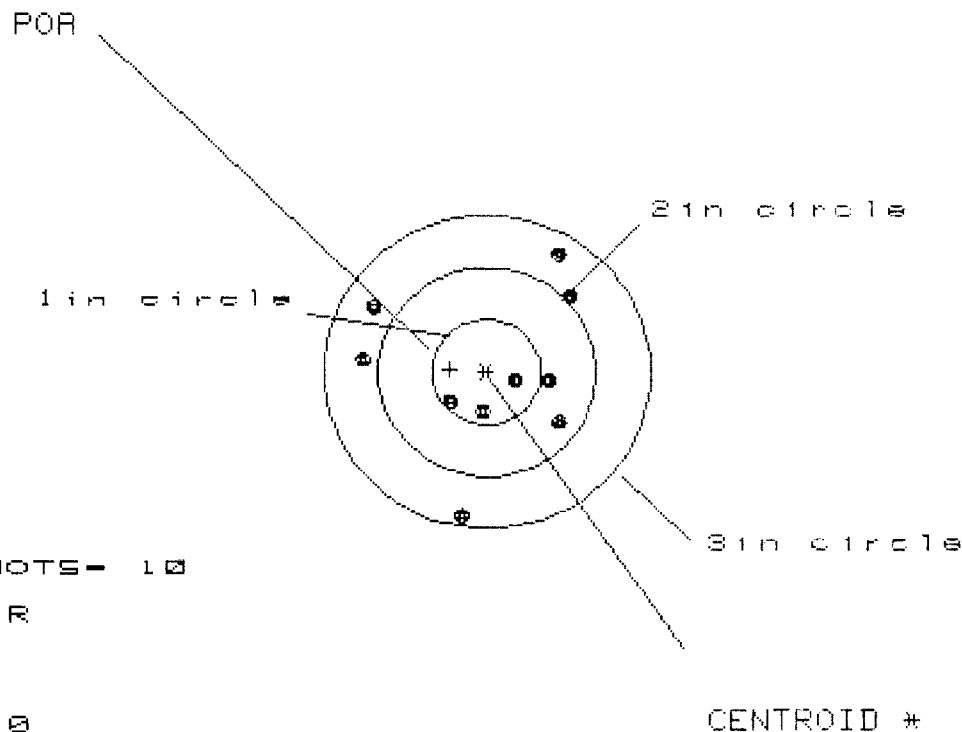
GS= 3.204

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.226	1.177	1.177
MINIMUM X	:	-.752	-.801	-.801
MAXIMUM Y	:	1.345	1.142	1.032
MINIMUM Y	:	-1.822	-1.259	-1.116
CENTROID X	:	.385	.434	.434
CENTROID Y	:	-.174	.029	-.114
POA TO CENTROID in.	:	.422	.435	.449
MIN RADIUS	:	.387	.483	.441
MEAN RADIUS	:	1.053	.953	.922
MAX RADIUS	:	1.875	1.479	1.359
HORIZONTAL SPREAD	:	1.978	1.978	1.978
VERTICAL SPREAD	:	3.167	2.401	2.148
EXTREME SPREAD	:	3.204	2.525	2.326
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225517

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 1.869

VS = 2.492

GS = 2.639

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.744	.718	.793
MINIMUM X	-1.125	-1.151	-1.076
MAXIMUM Y	1.133	.982	.673
MINIMUM Y	-1.359	-.628	-.506
CENTROID X	.337	.363	.288
CENTROID Y	-.024	.127	.005
POA TO CENTROID in.	.338	.385	.288
MIN RADIUS	.246	.293	.300
MEAN RADIUS	.845	.799	.730
MAX RADIUS	1.380	1.152	1.132
HORIZONTAL SPREAD	1.869	1.869	1.869
VERTICAL SPREAD	2.492	1.610	1.179
EXTREME SPREAD	2.639	2.016	2.007
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

Remington®

MODEL 700™ H24

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

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

SERIAL NO.

C6225517

ORDER NO.

5716

DUPONT

REG. U.S. PAT. & T.M. OFF.

20

UPC

0 47700 25716 7

5716 C6225517

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050464 M2400050503

