

C6348784

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington.

Repair Inquiry

Repair Number: RE00139817

Serial: C6348784 Model M24 SWS Center Fire
Caliber: 6.25 NATO Produced: 12/13/1989

Repairman:

Status:

Closed 1/15/2008 5:20:55 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 8TH DESERT STORM

8TH DESERT STORM

Address 1: ISD ARMSROOM

ISD ARMSROOM

Address 2: BLDG 5210 BAY DOOR #30

P.O. Box:

BLDG 5210 BAY DOOR #30

P.O. Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

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

Repair Search

Refresh

Close

nagletj

1/16/2008

9:17 AM

NUM

Serial Number: C6348784

Model: M24 SWS



RE00139817

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348784.___0
FILE DATE AND TIME: 02/05/2008 07:40

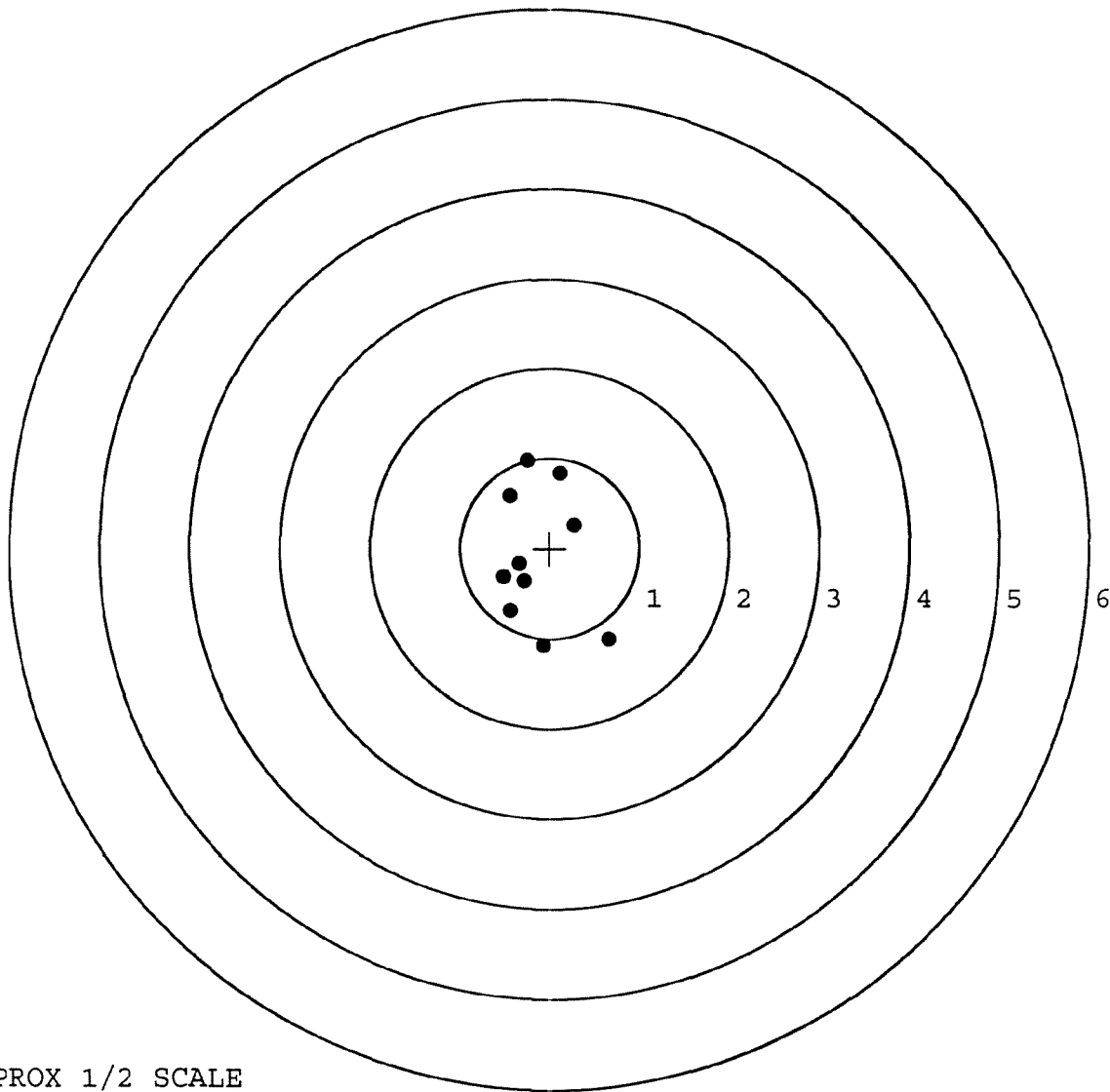
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.169
The Distance from Centroid Target #2 to Centroid Target #1:	0.247
The Distance from Centroid Target #3 to Centroid Target #1:	0.078
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.109

SERIAL NUMBER: C6348784. 0
TARGET NUMBER: 1
FILE DATE: 02/05/2008
FILE TIME: 07:40

POINT#	X	Y
1:	0.656	-1.012
2:	-0.079	-1.081
3:	-0.441	-0.694
4:	-0.293	-0.372
5:	-0.515	-0.323
6:	0.271	0.257
7:	-0.451	0.574
8:	-0.257	0.973
9:	0.115	0.829
10:	-0.343	-0.179

X CENTROID: -0.134
Y CENTROID: -0.103
POA TO CENTROID: 0.169
HORZ SPREAD: 1.171
VERT SPREAD: 2.054
GROUP SPREAD: 2.185
MIN RADIUS: 0.223
MAX RADIUS: 1.204
MEAN RADIUS: 0.716
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348784. __0

TARGET NUMBER: 2

FILE DATE: 02/05/2008

FILE TIME: 07:40

POINT#	X	Y
1:	1.345	-0.852
2:	0.572	-0.513
3:	0.697	0.218
4:	0.166	0.186
5:	-0.797	0.810
6:	-0.849	0.473
7:	0.020	-0.282
8:	-0.208	-0.325
9:	0.211	-0.439
10:	-0.032	-0.550

X CENTROID: 0.113

Y CENTROID: -0.127

POA TO CENTROID: 0.170

HORZ SPREAD: 2.194

VERT SPREAD: 1.662

GROUP SPREAD: 2.711

MIN RADIUS: 0.180

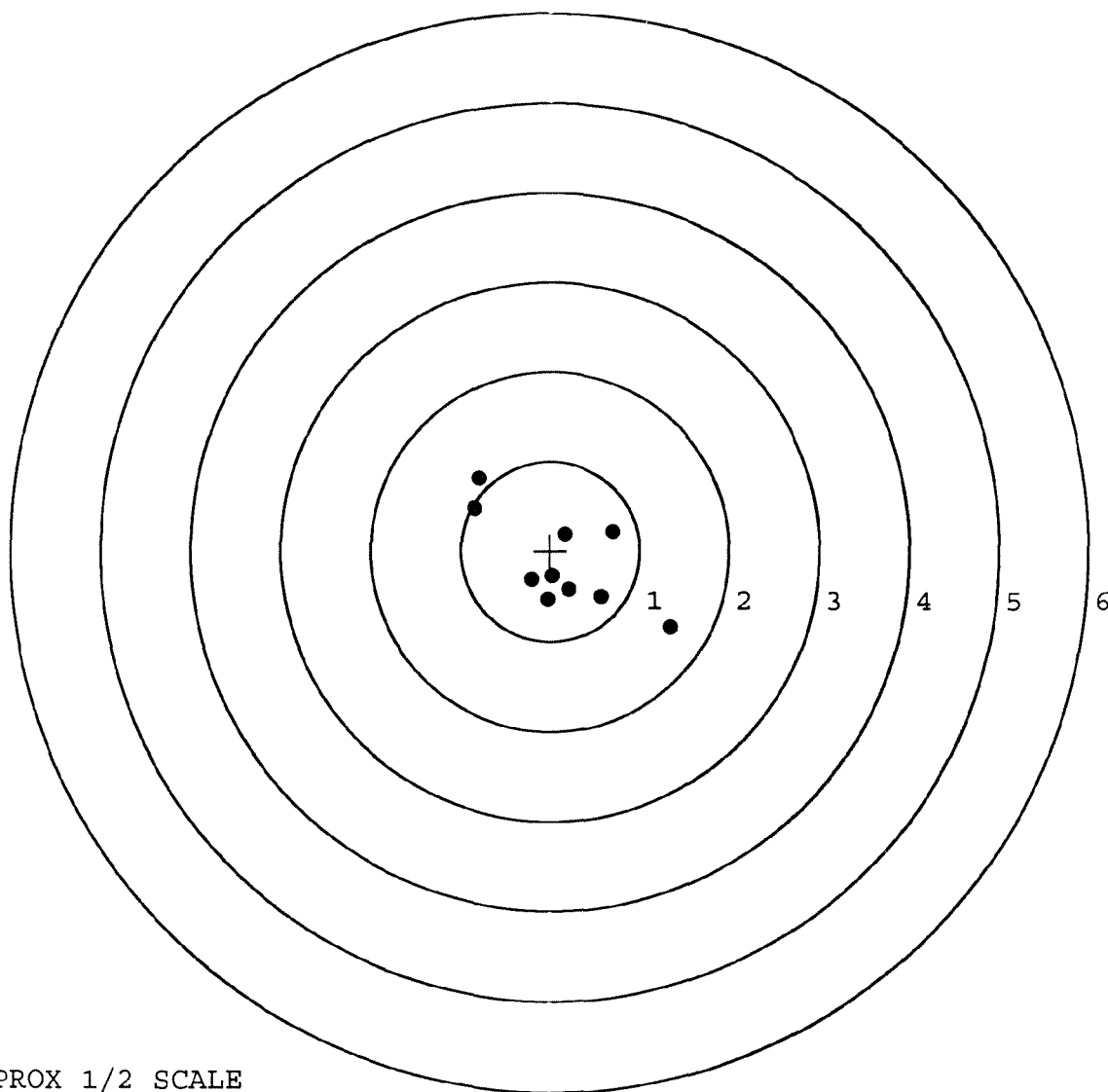
MAX RADIUS: 1.430

MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348784. __0

TARGET NUMBER: 3

FILE DATE: 02/05/2008

FILE TIME: 07:40

POINT#	X	Y
1:	1.152	-1.160
2:	0.622	0.150
3:	0.312	-0.247
4:	-0.141	-0.532
5:	-1.176	-0.150
6:	-0.566	-0.046
7:	-0.253	0.489
8:	0.080	0.296
9:	-0.023	0.063
10:	-0.969	0.793

X CENTROID: -0.096

Y CENTROID: -0.034

POA TO CENTROID: 0.102

HORZ SPREAD: 2.328

VERT SPREAD: 1.953

GROUP SPREAD: 2.883

MIN RADIUS: 0.122

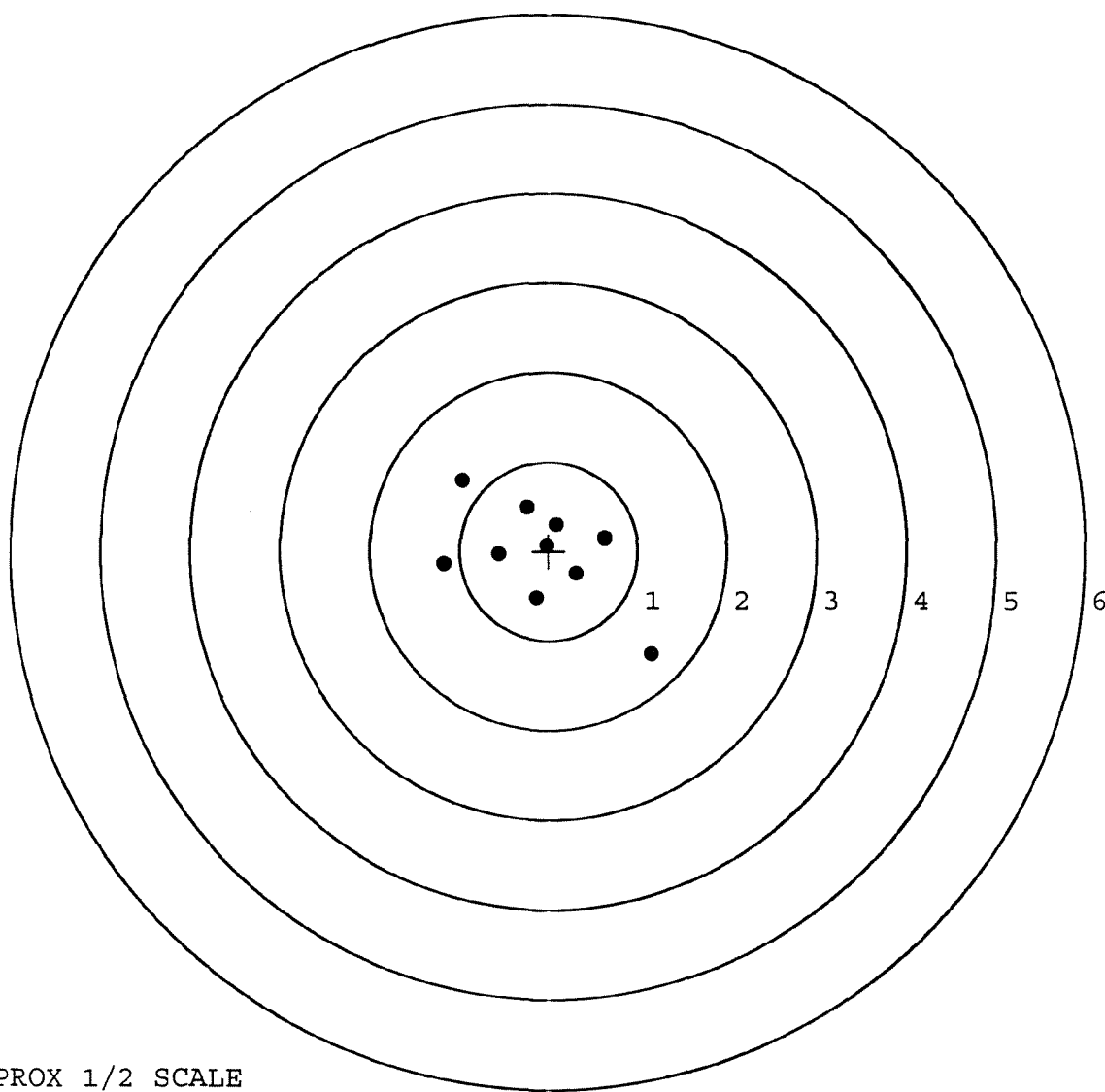
MAX RADIUS: 1.681

MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

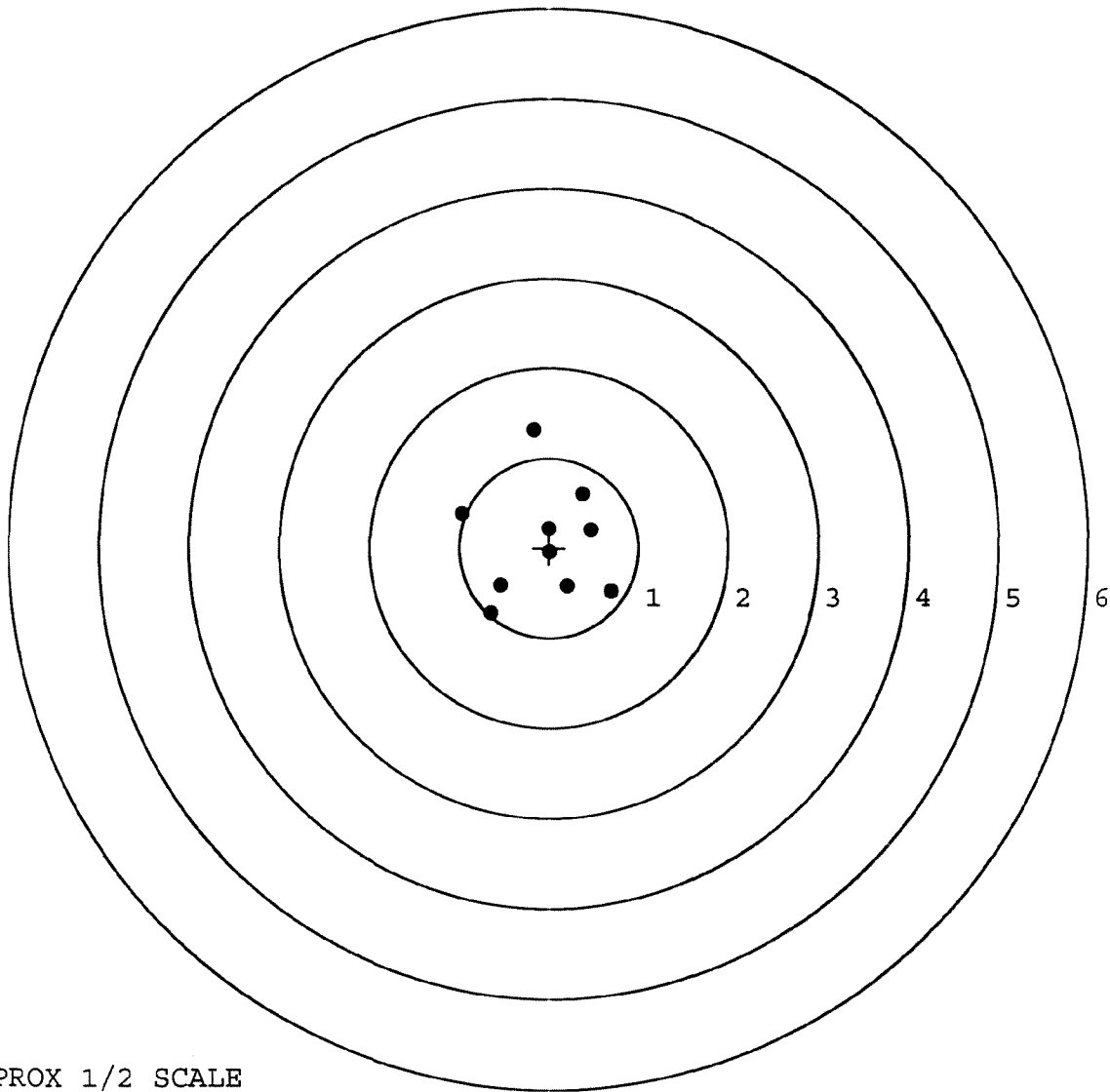


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348784. __0
TARGET NUMBER: 4
FILE DATE: 02/05/2008
FILE TIME: 07:40

POINT#	X	Y
1:	-0.174	1.313
2:	0.372	0.602
3:	-0.970	0.384
4:	-0.541	-0.425
5:	-0.650	-0.728
6:	0.696	-0.489
7:	0.201	-0.430
8:	0.012	-0.051
9:	0.466	0.200
10:	0.006	0.216

X CENTROID: -0.058
Y CENTROID: 0.059
POA TO CENTROID: 0.083
HORZ SPREAD: 1.666
VERT SPREAD: 2.041
GROUP SPREAD: 2.096
MIN RADIUS: 0.131
MAX RADIUS: 1.259
MEAN RADIUS: 0.692
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348784. __0

TARGET NUMBER: 5

FILE DATE: 02/05/2008

FILE TIME: 07:40

POINT#	X	Y
1:	0.740	-0.735
2:	0.845	0.460
3:	-0.014	0.760
4:	-0.514	0.474
5:	-0.230	0.270
6:	-0.386	0.006
7:	0.236	-0.164
8:	-0.113	-0.391
9:	-0.150	-0.629
10:	-0.689	-0.849

X CENTROID: -0.028

Y CENTROID: -0.080

POA TO CENTROID: 0.084

HORZ SPREAD: 1.534

VERT SPREAD: 1.609

GROUP SPREAD: 2.017

MIN RADIUS: 0.277

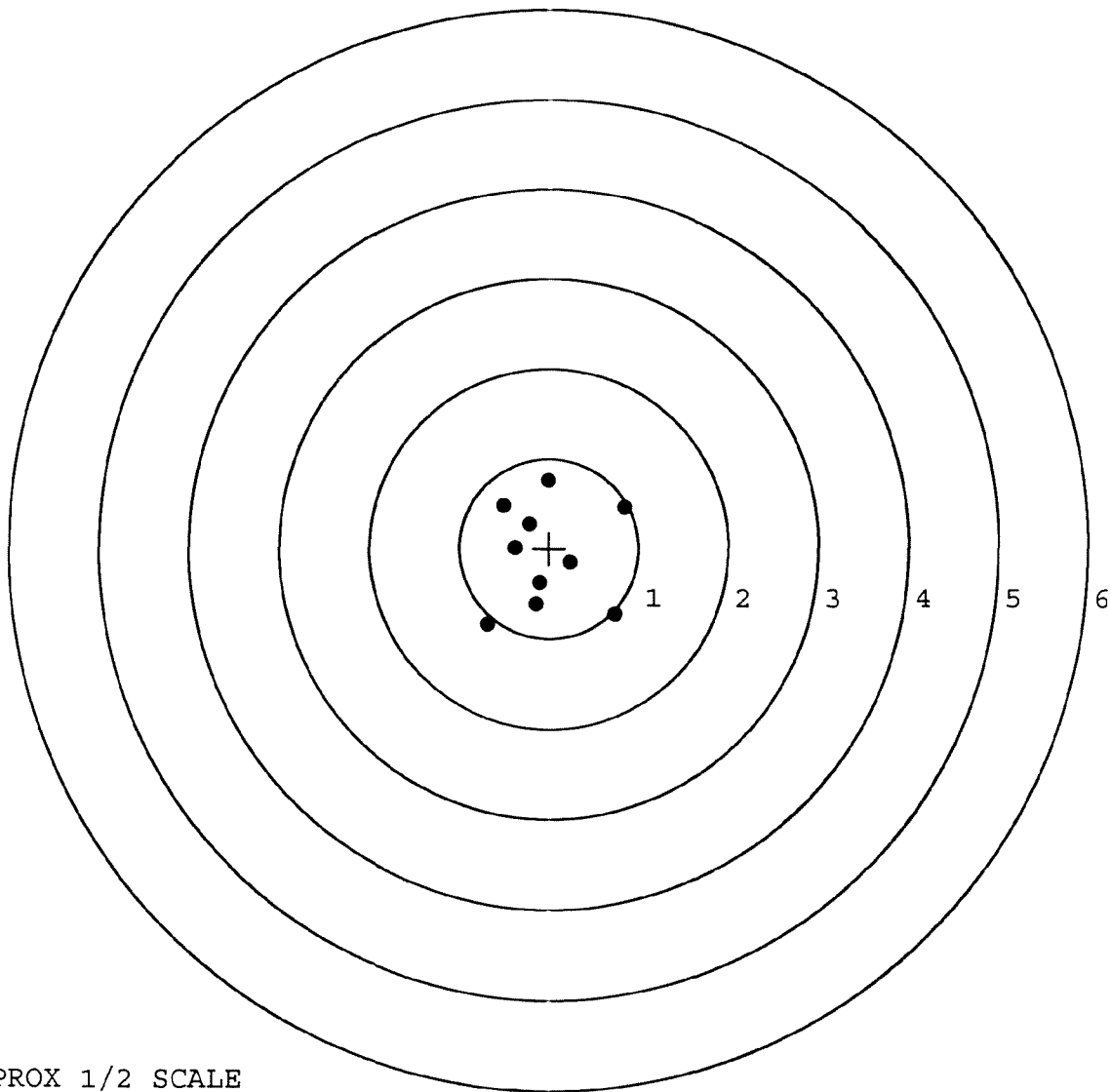
MAX RADIUS: 1.026

MEAN RADIUS: 0.656

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER <u>139877</u>				
SERIAL NUMBER <u>C6348284</u>				
LOG-IN DATE <u>1-15-08</u>				

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-21-08	RTZ
505	RE-BARREL		1-24-08	RR
560	ASSEMBLE		1-24-08	RTZ
600	PROOF	MAGNA - FLUX JAN 25 2008 OPERATOR JB	1-24-08	TRW
605	CHECK HEADSPACE		1-24-08	TRW
610	DIS-ASSEMBLE GUN		1-24-08	RTZ
612	MAGNAFLUX		1-25-08	JB
510	DRILL AND TAP		1-25-08	TRW
615	ROLLMARK CALIBER		1-25-08	CW
618	ROTO-BLAST		1-25-08	DG
620	APPLY COATINGS		1-29-08	CM
625	FINAL ASSEMBLY		1-31-08	S.P.H.
640	FUNCTION TEST AND	PASS FAIL	2-1-08	TRW
650	TARGET	PASS FAIL	2-4-08	TRW
	MALFUNCTION <i>shells catches right side of receiver</i>	CORRECTION ok	2-4-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	2-4-08	RP
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.55 2.53 2.46 2.58 2.42 2.60	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 5.0	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5	DA
	I) FIRING PIN INDENT	.020	0.022 0.022 0.023	DA
690	PACK		2-11-08	DA

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348784

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		L.S.
7	Drill and Tap Sight Holes	9 29	89	YB
618	Polish Barrel PB	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		2000001	931

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	10/23/89	ML	
	G) Safety Off Force	3	3	3	10/23/89	ML	
	H) Trigger Pull Test & Retainability				206/89	JDS	
	I) Firing Pin Indent	.022	.0215	.0225	10/23/89	GEI	
	J) Assemble Stock				11/2/89	RW	
	K) Assemble Swivel Studs				11/2/89	JDS	
	L) Attach Front and Rear Sight Assemblies				11/2/89	RW	
	M) Iron Sight Alignment				11/2/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				11/2/89	RW	
	O) Attach Scope to Rifle				11/2/89	GEI	
	P) Detach & Attach Scope 20 Times				11/2/89	ML	
640	Gallery Target & Test				11-6-89	AC	
	A) Time				11-6-89	AC	
	B) Malfunctions				11-6-89	AC	
	C) Pierced Primers				11-6-89	AC	
	D) Optical Clarity of Scope				11-6-89	AC	
645	Inspect for Live Ammo				11-6-89	AC	
655	Final Inspection						
	A) Headspace				7/20/89	JDS	
	B) Trigger Pull	260	281	247	239	267	7/20/89
	C) Function				7/20/89	JDS	
660	Pack				14 Dec 89	JDS	

SWS TRIGGER PULL TEST

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

SERIAL NO. 46348784

DATE 4-10-90

TESTER Jell

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.34		2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.37		2.38	
PULL #3	2.36	2.37		2.34	
PULL #4	2.33	2.35		2.38	
PULL #5	2.41	2.37		2.35	
TOTAL	11.87	11.80		11.88	
AVG.	2.374	2.36		2.376	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.44		
PULL #2	3.32	3.25		
PULL #3	3.33	3.36		
PULL #4	3.33	3.40		
PULL #5	3.39	3.35		
TOTAL	16.94	16.80		
AVG.	3.388	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.32		
PULL #2	4.17	4.34		
PULL #3	4.17	4.38		
PULL #4	4.21	4.37		
PULL #5	4.10	4.31		
TOTAL	20.86	21.72		
AVG.	4.172	4.344		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348784
6 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.542948
1 TO	2	.521806
1 TO	3	.970659
1 TO	4	.551337
1 TO	5	1.11364

3 # 1 <----POA
5

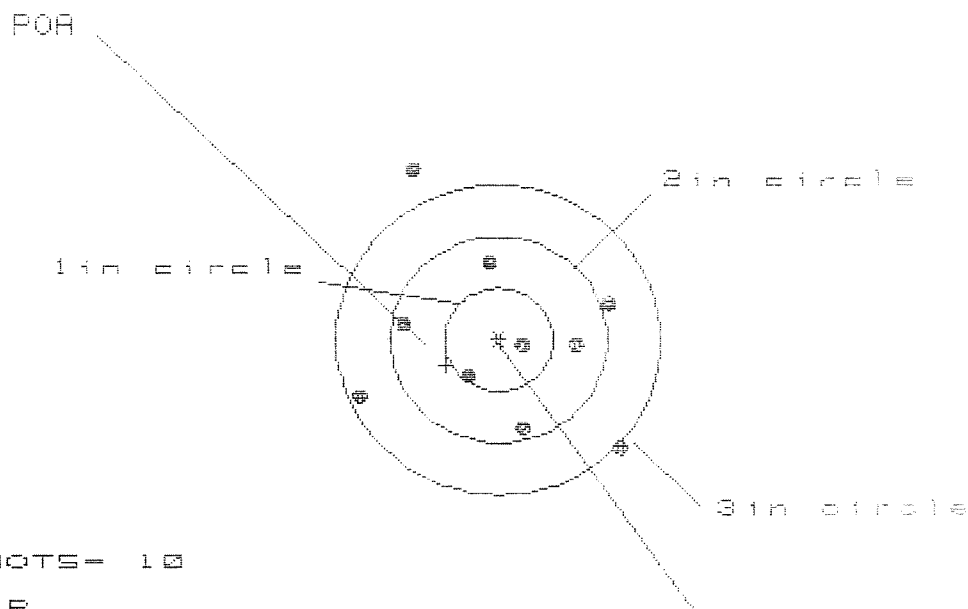
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0046
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0935132
THE AMR FOR THIS RIFLE IS: 1.065

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348784

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.459

VS= 2.686

GS= 3.309

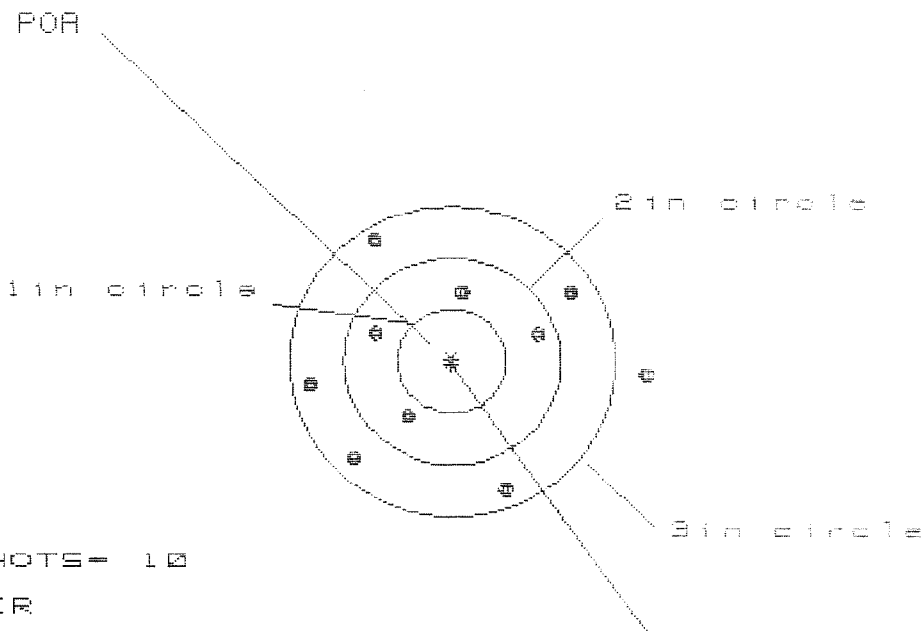
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.166	1.081	1.098
MINIMUM X	:	-1.293	-1.378	-1.243
MAXIMUM Y	:	1.672	.914	.811
MINIMUM Y	:	-1.014	-.829	-.738
CENTROID X	:	.483	.568	.433
CENTROID Y	:	.248	.063	.166
POA TO CENTROID in.	:	.543	.571	.484
MIN RADIUS	:	.206	.174	.251
MEAN RADIUS	:	.979	.861	.797
MAX RADIUS	:	1.839	1.427	1.331
HORIZONTAL SPREAD	:	2.459	2.459	2.341
VERTICAL SPREAD	:	2.686	1.743	1.549
EXTREME SPREAD	:	3.309	2.504	2.504
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/083467B4

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 3.089

VS= 2.443

GS= 3.091

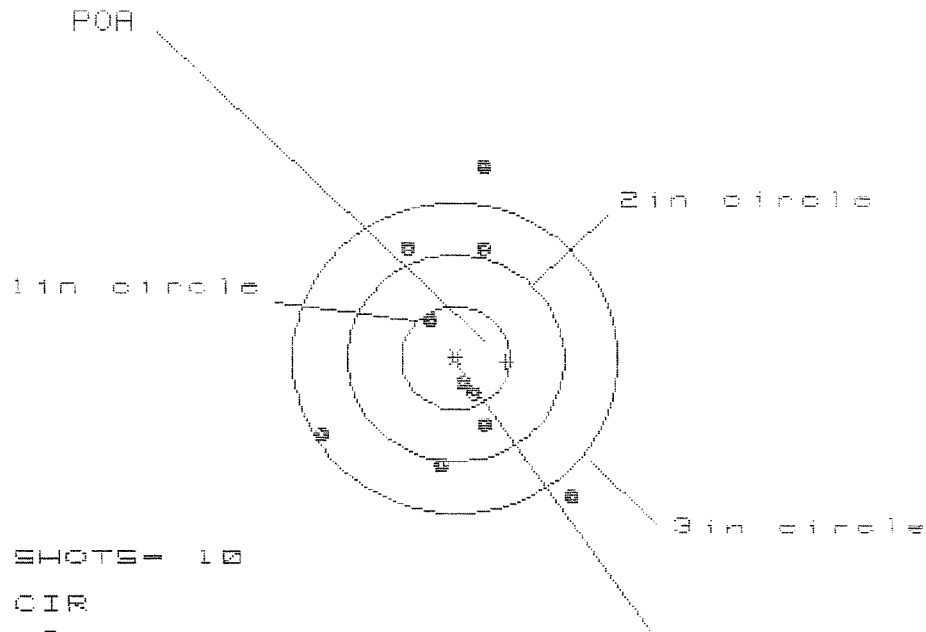
CENTROID #

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.762
MINIMUM X	:	-1.327
MAXIMUM Y	:	1.191
MINIMUM Y	:	-1.252
CENTROID X	:	.008
CENTROID Y	:	.032
POA TO CENTROID in.	:	.033
MIN RADIUS	:	.683
MEAN RADIUS	:	1.140
MAX RADIUS	:	1.768
HORIZONTAL SPREAD	:	3.089
VERTICAL SPREAD	:	2.443
EXTREME SPREAD	:	3.091
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	4
NUMBER IN THREE INCH CIRCLE	=	9

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08346784

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS = 2.277

VS = 3.211

GS = 3.309

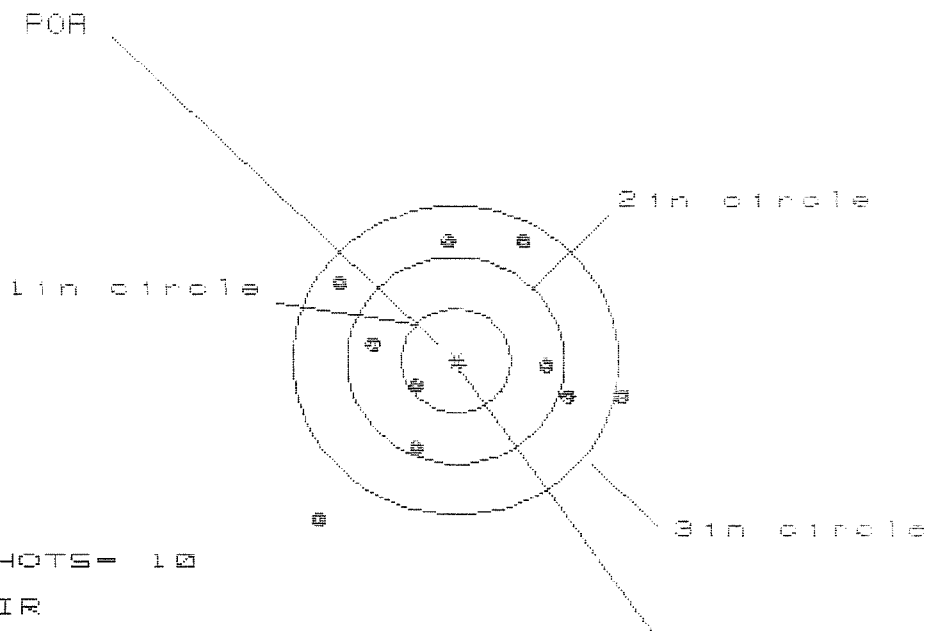
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	1.066	.422
MINIMUM X	:	-1.238	-1.211	-1.078
MAXIMUM Y	:	1.838	1.250	1.104
MINIMUM Y	:	-1.373	-1.168	-.998
CENTROID X	:	-.464	-.491	-.624
CENTROID Y	:	.035	-.170	-.024
POA TO CENTROID in.	:	.465	.519	.624
MIN RADIUS	:	.215	.125	.290
MEAN RADIUS	:	.994	.864	.793
MAX RADIUS	:	1.854	1.581	1.247
HORIZONTAL SPREAD	:	2.277	2.277	1.500
VERTICAL SPREAD	:	3.211	2.418	2.102
EXTREME SPREAD	:	3.309	2.816	2.277
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/069467B4

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.802

VS= 2.666

GS= 3.256

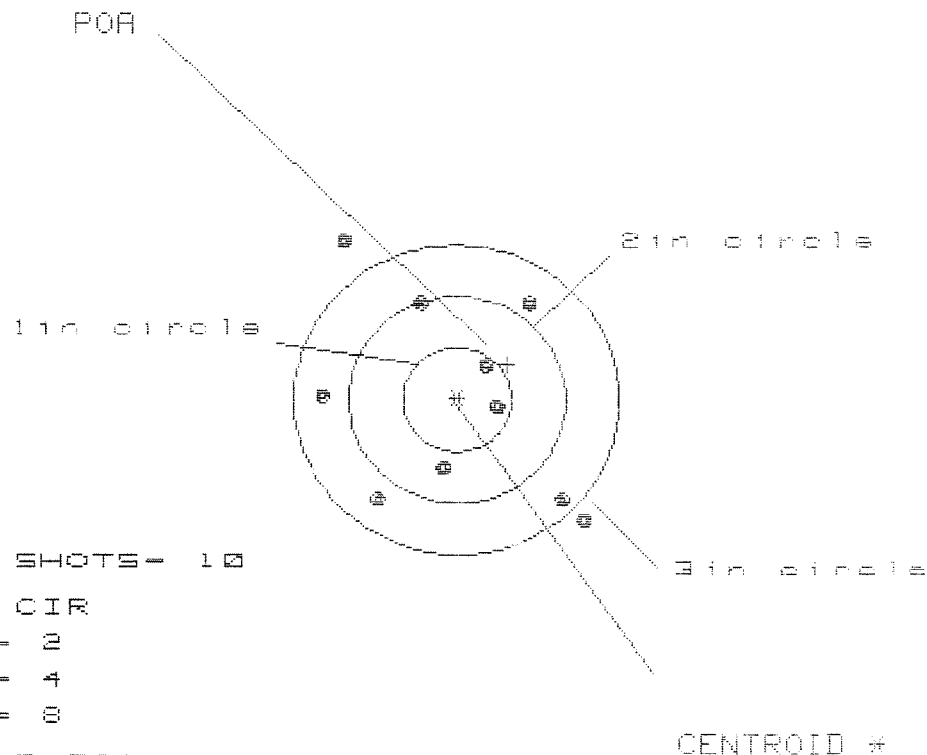
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.534	1.393	1.031
MINIMUM X	:	-1.268	-1.210	-1.035
MAXIMUM Y	:	1.156	.989	.930
MINIMUM Y	:	-1.510	-1.002	-1.061
CENTROID X	:	-.030	.111	-.064
CENTROID Y	:	.046	.213	.272
POA TO CENTROID in.	:	.055	.240	.279
MIN RADIUS	:	.460	.665	.569
MEAN RADIUS	:	1.141	1.044	.973
MAX RADIUS	:	1.971	1.470	1.164
HORIZONTAL SPREAD	:	2.802	2.603	2.067
VERTICAL SPREAD	:	2.666	1.991	1.991
EXTREME SPREAD	:	3.256	2.806	2.323
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346784

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.368

VS= 2.690

GS= 3.436

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	1.031	.996
MINIMUM X	:	-1.227	-1.337	-1.208
MAXIMUM Y	:	1.499	1.100	.972
MINIMUM Y	:	-1.191	-1.024	-.903
CENTROID X	:	-.464	-.354	-.483
CENTROID Y	:	-.338	-.505	-.377
POA TO CENTROID in.	:	.575	.617	.612
MIN RADIUS	:	.358	.270	.373
MEAN RADIUS	:	1.070	.974	.909
MAX RADIUS	:	1.800	1.453	1.344
HORIZONTAL SPREAD	:	2.368	2.368	2.204
VERTICAL SPREAD	:	2.690	2.124	1.875
EXTREME SPREAD	:	3.436	2.667	2.411
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6348784

ORDER NO.

5716

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

01



5716 C6348784

UPC



0 47700 25716 7