

C6587750

MODEL 700™ M24

Model **SMS**™

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: **RE00126641**

Serial: C6587750 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 5:59:58 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: **TRANSPORTATION OFFICE**

TRANSPORTATION OFFICE

Address 1: **BLDG 7199**

BLDG 7199

Address 2: **GLIDER ROAD**

PO Box:

GLIDER ROAD

PO 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: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial Number: **C6587750**

Model: **M24 SWS**



RE00126641

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587750.__0
FILE DATE AND TIME: 04/12/2007 14:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.055
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.057
The Average Mean Radius of the Five Target Set:	0.909
The Distance from POA to Centroid Target #1:	0.207
The Distance from Centroid Target #2 to Centroid Target #1:	0.243
The Distance from Centroid Target #3 to Centroid Target #1:	0.223
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.212

SERIAL NUMBER: C6587750. 0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 14:51

X CENTROID: -0.201

Y CENTROID: 0.048

POA TO CENTROID: 0.207

HORZ SPREAD: 3.234

VERT SPREAD: 2.189

GROUP SPREAD: 3.753

MIN RADIUS: 0.266

MAX RADIUS: 2.119

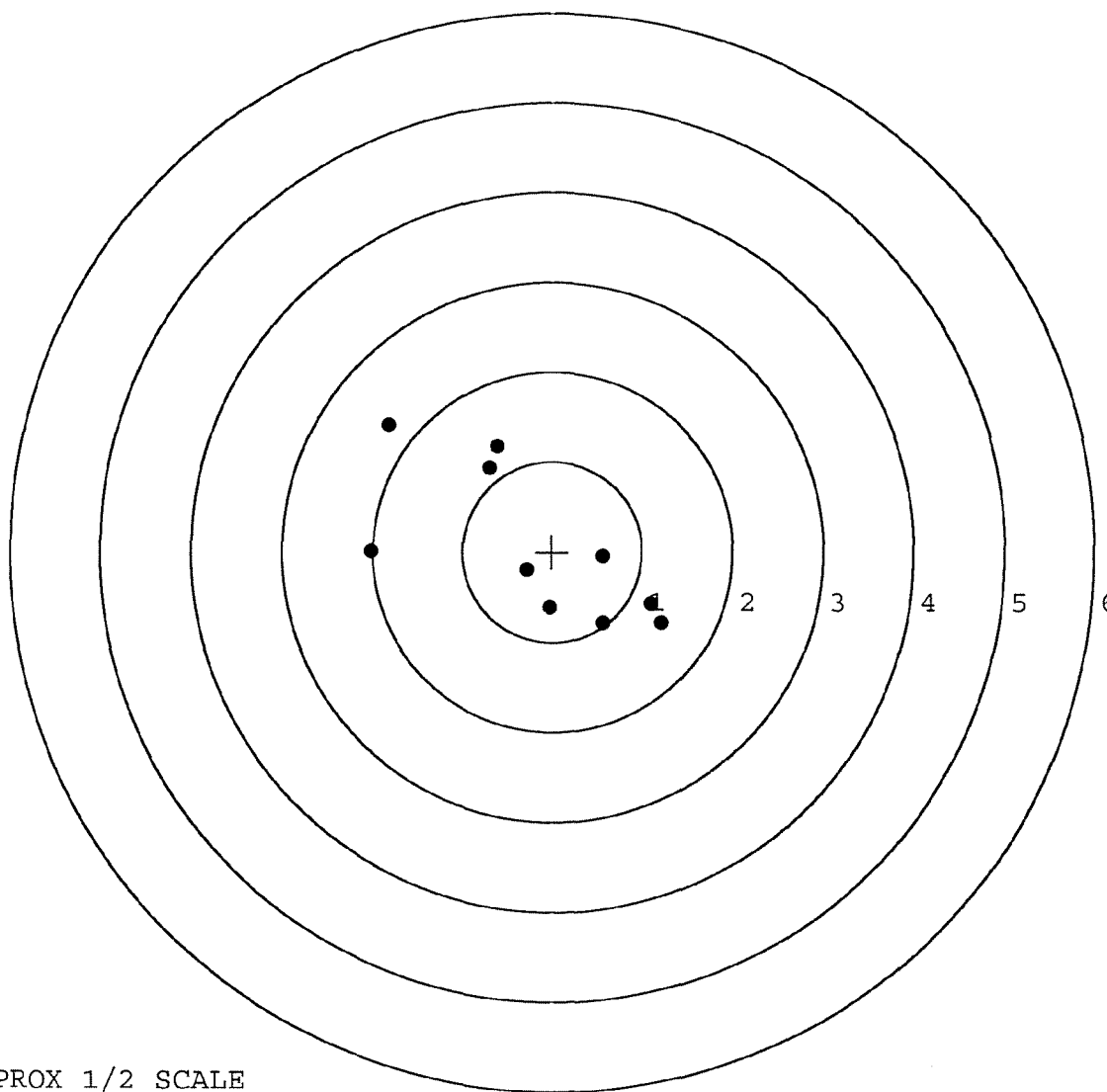
MEAN RADIUS: 1.210

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.217	-0.788
2:	1.104	-0.579
3:	0.572	-0.788
4:	0.569	-0.053
5:	-0.033	-0.620
6:	-0.286	-0.204
7:	-0.695	0.927
8:	-0.608	1.172
9:	-1.832	1.401
10:	-2.017	0.013

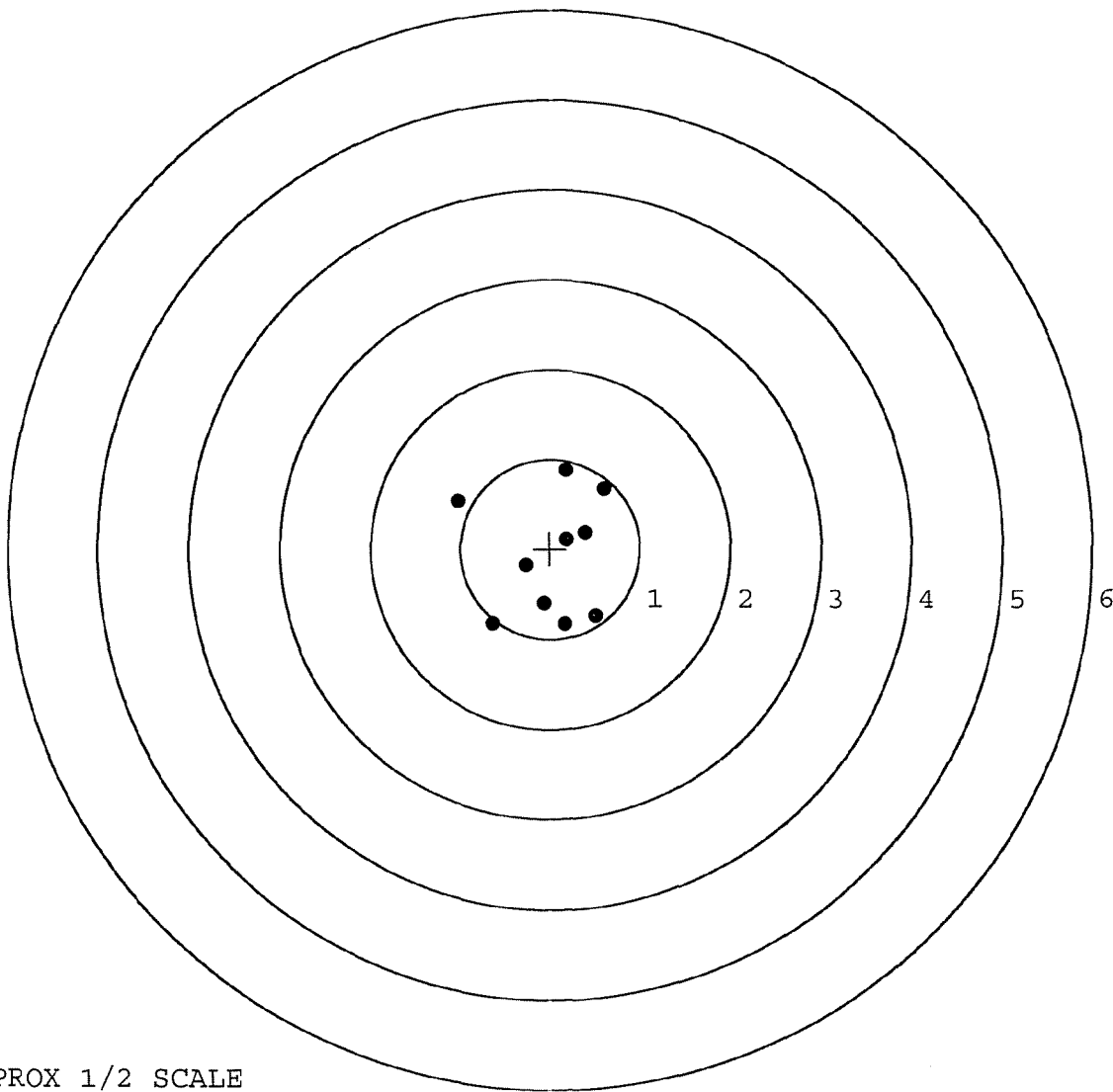


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0
TARGET NUMBER: 2
FILE DATE: 04/12/2007
FILE TIME: 14:51

X CENTROID: 0.003
Y CENTROID: -0.085
POA TO CENTROID: 0.085
HORZ SPREAD: 1.633
VERT SPREAD: 1.712
GROUP SPREAD: 1.993
MIN RADIUS: 0.261
MAX RADIUS: 1.199
MEAN RADIUS: 0.728
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.509	-0.742
2:	0.170	-0.838
3:	-0.072	-0.607
4:	-0.643	-0.832
5:	0.184	0.874
6:	0.606	0.667
7:	0.390	0.183
8:	0.183	0.104
9:	-0.271	-0.188
10:	-1.027	0.528



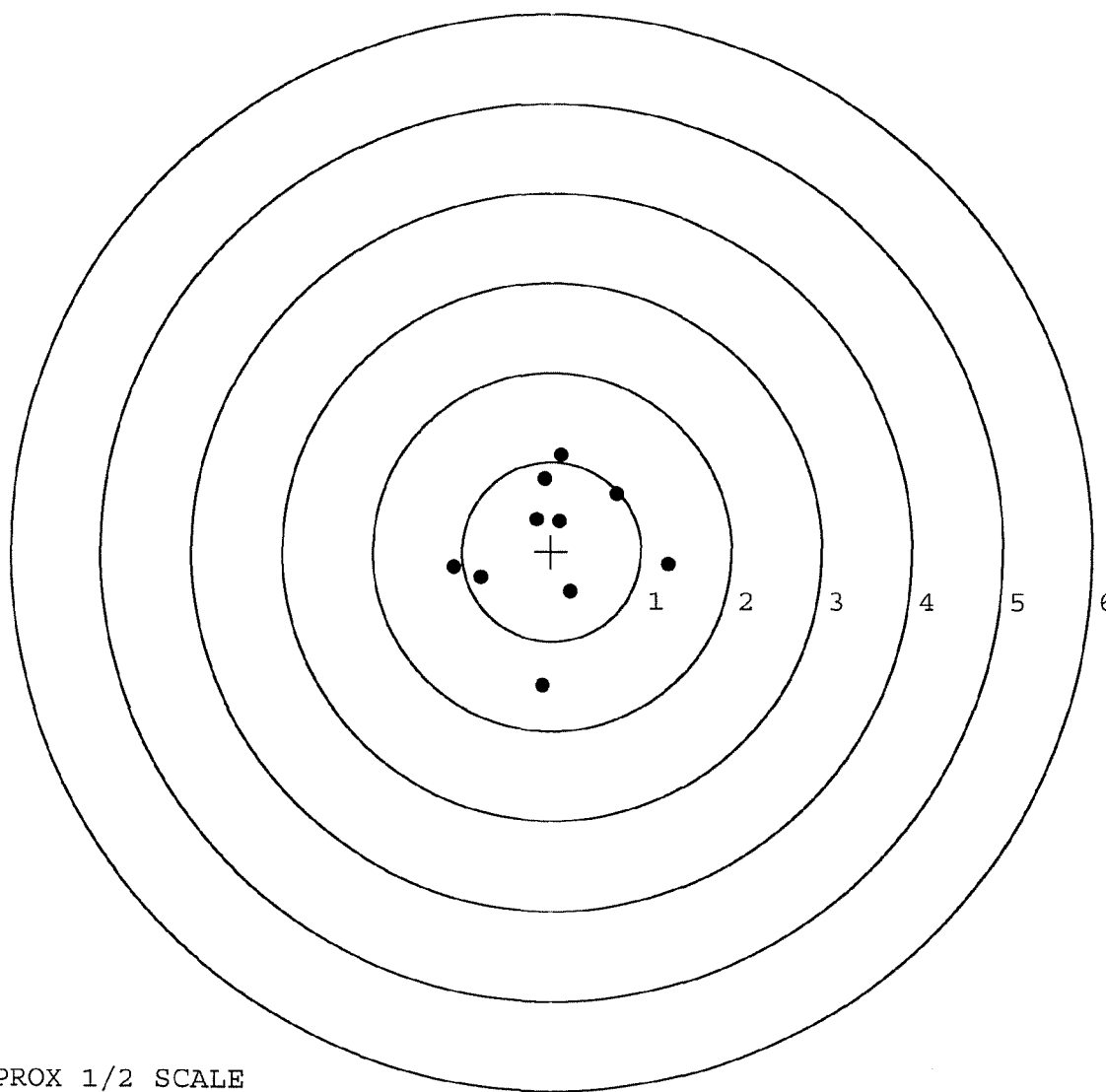
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0
TARGET NUMBER: 3
FILE DATE: 04/12/2007
FILE TIME: 14:51

X CENTROID: 0.022
Y CENTROID: 0.064
POA TO CENTROID: 0.067
HORZ SPREAD: 2.393
VERT SPREAD: 2.576
GROUP SPREAD: 2.585
MIN RADIUS: 0.280
MAX RADIUS: 1.568
MEAN RADIUS: 0.877

POINT#	X	Y
1:	1.304	-0.151
2:	0.220	-0.452
3:	-0.104	-1.499
4:	-0.793	-0.299
5:	-1.089	-0.184
6:	0.093	0.334
7:	-0.172	0.356
8:	0.729	0.642
9:	-0.077	0.812
10:	0.109	1.077

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

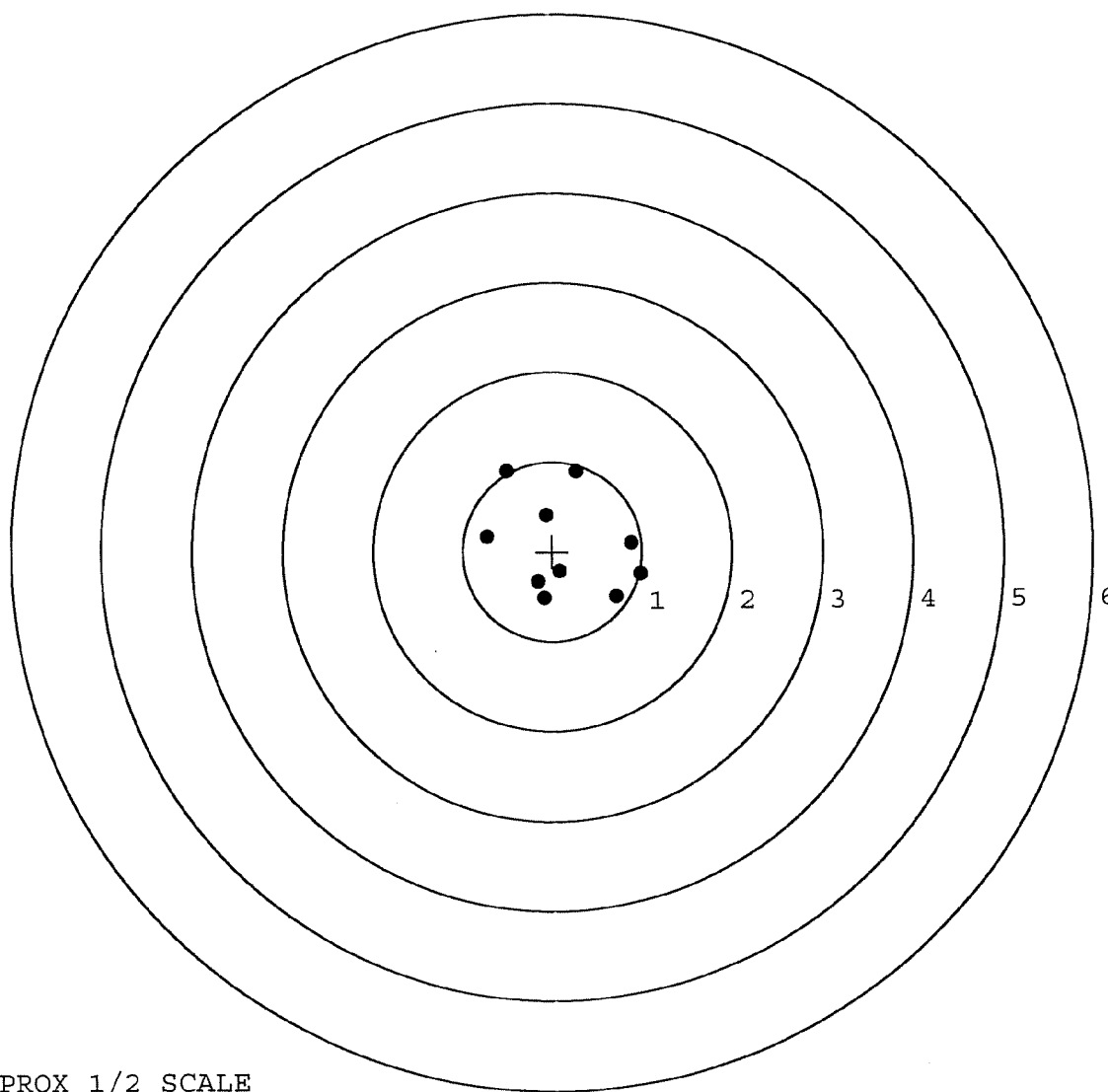


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0
TARGET NUMBER: 4
FILE DATE: 04/12/2007
FILE TIME: 14:51

X CENTROID: 0.138
Y CENTROID: 0.060
POA TO CENTROID: 0.151
HORZ SPREAD: 1.710
VERT SPREAD: 1.417
GROUP SPREAD: 1.875
MIN RADIUS: 0.291
MAX RADIUS: 1.052
MEAN RADIUS: 0.703
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.710	-0.511
2:	0.981	-0.254
3:	0.886	0.090
4:	0.081	-0.226
5:	-0.095	-0.522
6:	-0.162	-0.334
7:	-0.729	0.169
8:	-0.067	0.402
9:	-0.501	0.895
10:	0.279	0.887

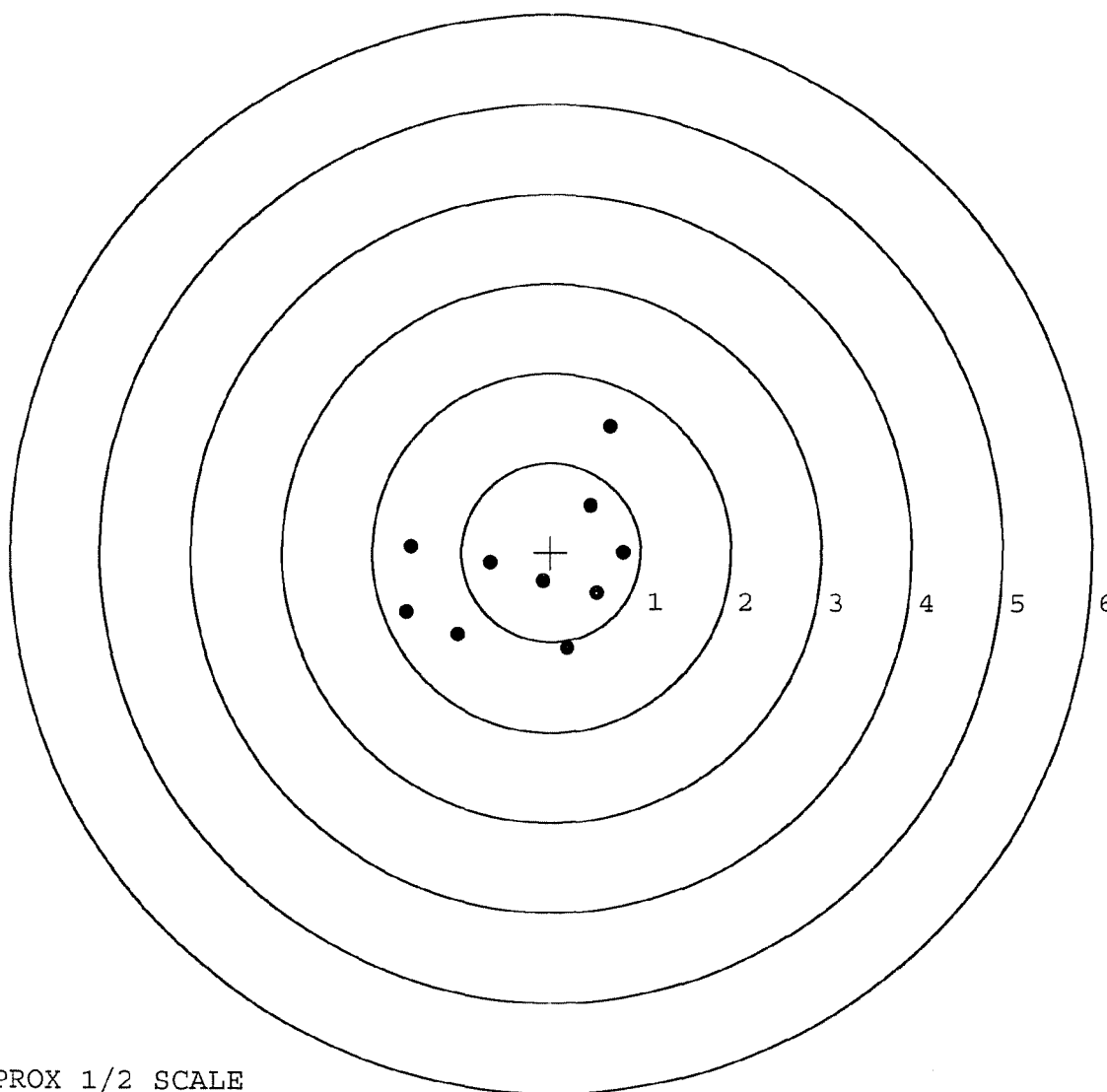


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0
TARGET NUMBER: 5
FILE DATE: 04/12/2007
FILE TIME: 14:51

X CENTROID: -0.240
Y CENTROID: -0.160
POA TO CENTROID: 0.288
HORZ SPREAD: 2.426
VERT SPREAD: 2.486
GROUP SPREAD: 3.089
MIN RADIUS: 0.226
MAX RADIUS: 1.809
MEAN RADIUS: 1.026
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.181	-1.076
2:	0.515	-0.456
3:	0.811	-0.006
4:	0.442	0.528
5:	-0.092	-0.332
6:	0.659	1.410
7:	-0.679	-0.119
8:	-1.046	-0.932
9:	-1.615	-0.680
10:	-1.571	0.060



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126641		
SERIAL NUMBER	C6587758		
LOG-IN DATE	3-16-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-21-07	RTZ
505	RE-BARREL	3-22-07	RTZ
560	ASSEMBLE	3-23-07	RTZ
600	PROOF	3-23-07	TRW
605	CHECK HEADSPACE	INSPECTED	3-23-07 TRW
610	DIS-ASSEMBLE GUN	MAR 26 2007	3-23-07 RTZ
612	MAGNAFLUX	OPERATOR APD	3-26-07 APD
510	DRILL AND TAP		3-23-07 TRW
615	ROLLMARK CALIBER		3-26-07 CW
618	ROTO-BLAST		3-26-07 UB
620	APPLY COATINGS		3-29-07 CW
625	FINAL ASSEMBLY		4-11-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4-12-07 TRW
650	TARGET	(PASS) FAIL	4-12-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		4-12-07 Fry
	A) HEADSPACE	(PASS) FAIL	4/19/07 mdy
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.40 2.63 2.50 2.63 2.69 4/19/07 mdy
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 5.0 4/19/07 mdy
	G) SAFETY OFF FORCE	2 LBS MIN	4.0 3.0 3.0 4/19/07 mdy
	I) FIRING PIN INDENT	.020	.023 .023 .024 4/19/07 mdy
690	PACK		4-23-07 RTZ

Remington



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

MODEL 700TM H24

SERIAL NO.
C6587750

ORDER NO.
5716

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

Ø1



5716 C6587750

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587750

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GB
617	Drill and Tap Sight Holes		10/25/90	LB
618	Polish Barrel AB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/16/90	JP

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11/16/90	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/16/90	WB		
	H) Trigger Pull Test & Retainability				11-16-90	JH		
	I) Firing Pin Indent	.0215	.022	.022	11/16/90	WB		
	J) Assemble Stock				11/17/90	RW		
	K) Assemble Swivel Studs				11-27-90	JS		
	L) Attach Front and Rear Sight Assemblies				11/17/90	RW		
	M) Iron Sight Alignment				11/17/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/17/90	RW		
	O) Attach Scope to Rifle				11/17/90	RW		
	P) Detach & Attach Scope 20 Times				11/17/90	RW		
640	Gallery Target & Test				11-28-90	AC		
	A) Time				11-28-90	AC		
	B) Malfunctions				11-28-90	AC		
	C) Pierced Primers				11-28-90	AC		
	D) Optical Clarity of Scope				11-28-90	AC		
645	Inspect for Live Ammo				11-28-90	AC		
655	Final Inspection							
	A) Headspace				11-27-90	JS		
	B) Trigger Pull	294	285	262	213	268	11-27-90	JS
	C) Function						11-27-90	JS
660	Pack						12-8-90	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6587750

DATE 11-16-90

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.30	2.47	294	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.27	2.20	285	
PULL #3	2.32	2.28	2.35	262	
PULL #4	2.33	2.13	2.30	283	
PULL #5	2.35	2.40	2.34	268	
TOTAL					
AVG.					

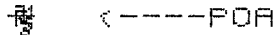
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.13		
PULL #2	3.24	3.13		
PULL #3	3.41	3.33		
PULL #4	3.28	3.35		
PULL #5	3.41	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.38		4.29
PULL #2	4.33	4.40		4.26
PULL #3	4.17	4.27		4.30
PULL #4	4.41	4.35		4.44
PULL #5	4.40	4.26		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587750
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.596121
1 TO	2	.617934
1 TO	3	.846717
1 TO	4	.777985
1 TO	5	.830954

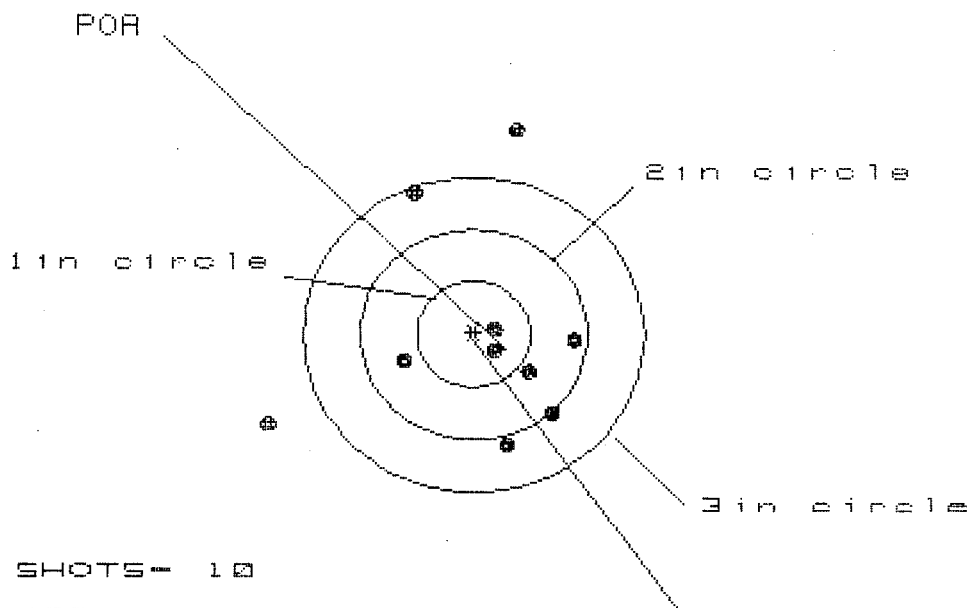
1  <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0452
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0650637
THE AMR FOR THIS RIFLE IS: .9114

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 8

HS- 2.716

VS- 3.057

GS- 3.565

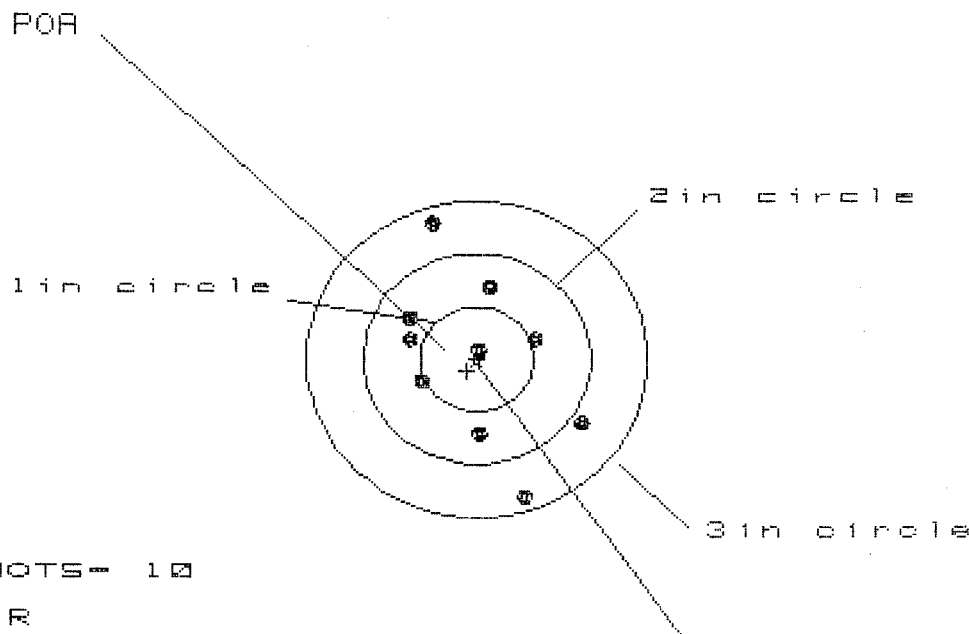
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.890	.688	.704
MINIMUM X	-1.826	-.835	-.819
MAXIMUM Y	1.978	1.883	1.529
MINIMUM Y	-1.079	-1.174	-.939
CENTROID X	-.484	-.282	-.298
CENTROID Y	.348	.443	.208
POR TO CENTROID in.	.596	.525	.364
MIN RADIUS	.184	.040	.039
MEAN RADIUS	1.018	.875	.692
MAX RADIUS	2.016	1.888	1.702
HORIZONTAL SPREAD	2.716	1.523	1.523
VERTICAL SPREAD	3.057	3.057	2.468
EXTREME SPREAD	3.565	3.057	2.618
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 1.497

VS= 2.529

GS= 2.632

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.930	.891
MINIMUM X	:	-.609	-.567	-.606
MAXIMUM Y	:	1.265	1.124	.651
MINIMUM Y	:	-1.264	-.870	-.730
CENTROID X	:	.085	.044	.083
CENTROID Y	:	.107	.248	.107
POA TO CENTROID in.	:	.137	.252	.136
MIN RADIUS	:	.109	.054	.109
MEAN RADIUS	:	.763	.679	.624
MAX RADIUS	:	1.319	1.213	1.095
HORIZONTAL SPREAD	:	1.497	1.497	1.497
VERTICAL SPREAD	:	2.529	1.994	1.381
EXTREME SPREAD	:	2.632	2.273	1.833
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.852

VS= 2.338

GS= 2.679

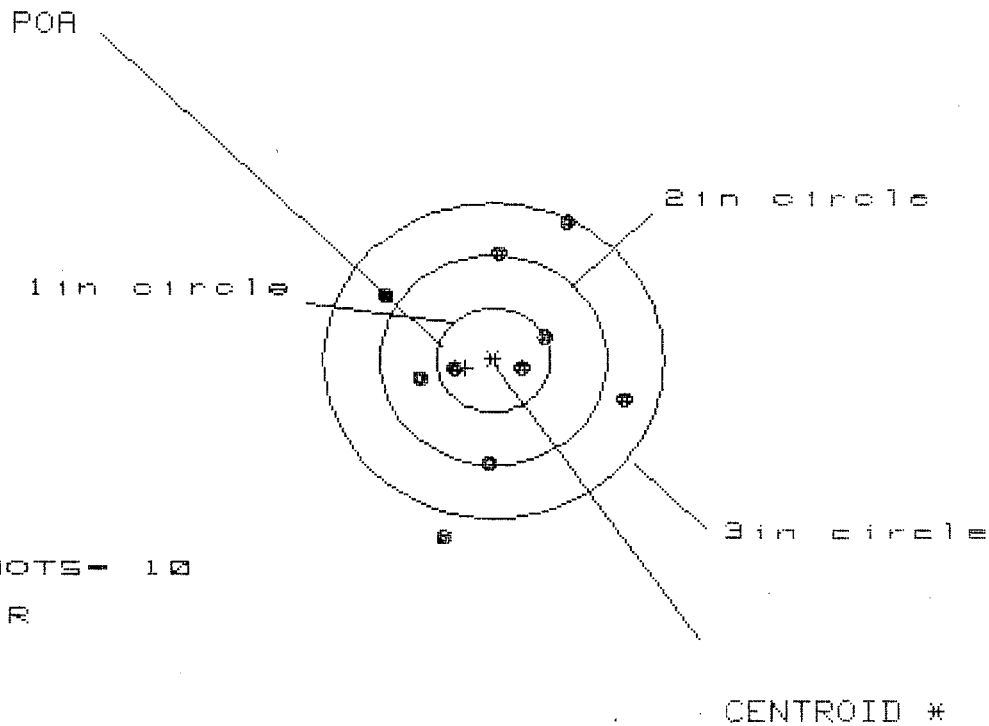
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.959	1.011
MINIMUM X	:	-.803	-.689	-.637
MAXIMUM Y	:	1.227	1.065	.943
MINIMUM Y	:	-1.111	-.975	-.572
CENTROID X	:	.169	.258	.206
CENTROID Y	:	-.191	-.327	-.205
POA TO CENTROID in.	:	.255	.417	.291
MIN RADIUS	:	.139	.054	.101
MEAN RADIUS	:	.822	.721	.689
MAX RADIUS	:	1.467	1.254	1.183
HORIZONTAL SPREAD	:	1.852	1.648	1.648
VERTICAL SPREAD	:	2.338	2.040	1.515
EXTREME SPREAD	:	2.679	2.111	2.030
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.053

VS= 2.988

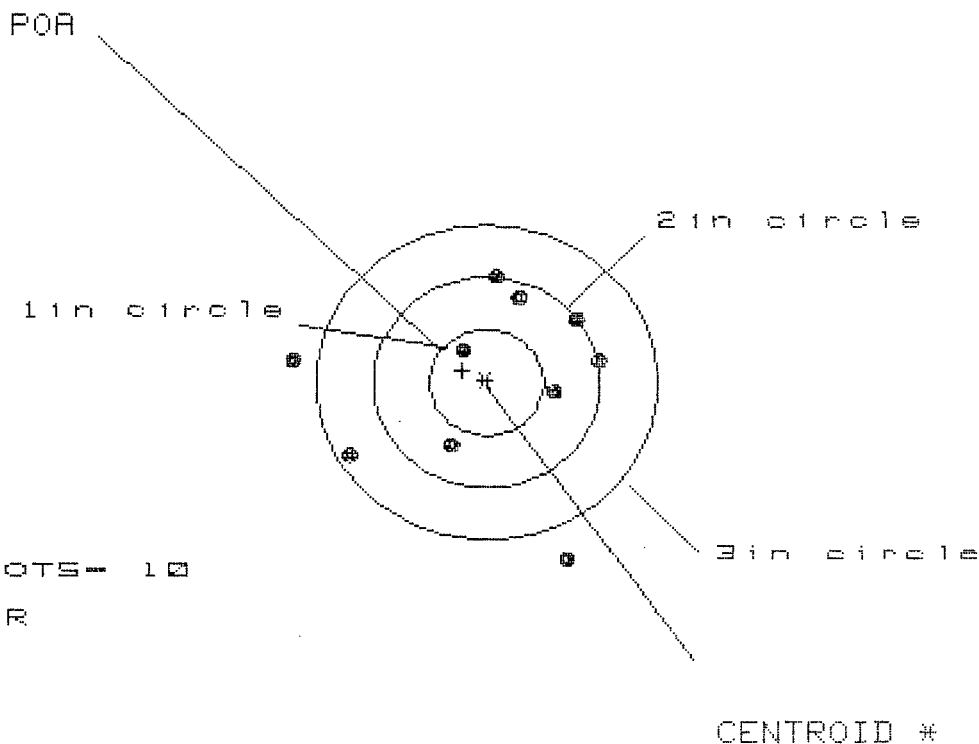
GS= 3.187

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.119	1.069	1.144
MINIMUM X	-.934	-.984	-.909
MAXIMUM Y	1.353	1.171	1.006
MINIMUM Y	-1.635	-1.170	-1.024
CENTROID X	.246	.296	.221
CENTROID Y	.079	.260	.114
POA TO CENTROID in.	.259	.394	.248
MIN RADIUS	.216	.272	.249
MEAN RADIUS	.926	.837	.757
MAX RADIUS	1.697	1.319	1.230
HORIZONTAL SPREAD	2.053	2.053	2.053
VERTICAL SPREAD	2.988	2.341	2.030
EXTREME SPREAD	3.187	2.457	2.295
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

26 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 8

HS- 2.636

VS= 2.682

GS= 3.046

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.947	1.021	.819
MINIMUM X	:	-1.689	-1.615	-1.313
MAXIMUM Y	:	1.004	.818	.827
MINIMUM Y	:	-1.678	-.919	-.910
CENTROID X	:	.210	.136	.338
CENTROID Y	:	-.109	.077	.069
POA TO CENTROID in.	:	.236	.156	.345
MIN RADIUS	:	.333	.136	.312
MEAN RADIUS	:	1.028	.912	.795
MAX RADIUS	:	1.005	1.616	1.597
HORIZONTAL SPREAD	:	2.636	2.636	2.132
VERTICAL SPREAD	:	2.682	1.737	1.737
EXTREME SPREAD	:	3.046	2.636	2.345
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	