

06523482

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER - M24-0028844

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

Repair Inquiry

Repair Number: **RE00084767** Serial: C6523482 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/10/2004 7:38:06 AM

Address Information

Customer: ☒ Received From Return to: ☐ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **FRANCES WEATHINGTON** **FRANCES WEATHINGTON**

Address 2: **DEF DIST DEPOT** **DEF DIST DEPOT** PO Box: **PO Box**

City: **ANNISTON** **ANNISTON**

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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
A26B	Scope Case	1

Repair Search **Refresh** **Close**

nacltj 9/10/2004 8:06 AM CAPS NUM INS SCPL

start 3 4 2

Serial Number: **C6523482**

Model: **M24 SWS**

RE00084767

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523482.___0
FILE DATE AND TIME: 10/05/2004 08:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.016
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.769
The Distance from POA to Centroid Target #1:	0.247
The Distance from Centroid Target #2 to Centroid Target #1:	0.330
The Distance from Centroid Target #3 to Centroid Target #1:	0.229
The Distance from Centroid Target #4 to Centroid Target #1:	0.335
The Distance from Centroid Target #5 to Centroid Target #1:	0.158

SERIAL NUMBER: C6523482. __0

TARGET NUMBER: 1

FILE DATE: 10/05/2004

FILE TIME: 08:32

X CENTROID: 0.180

Y CENTROID: -0.169

POA TO CENTROID: 0.247

HORZ SPREAD: 2.365

VERT SPREAD: 2.202

GROUP SPREAD: 2.710

MIN RADIUS: 0.365

MAX RADIUS: 1.469

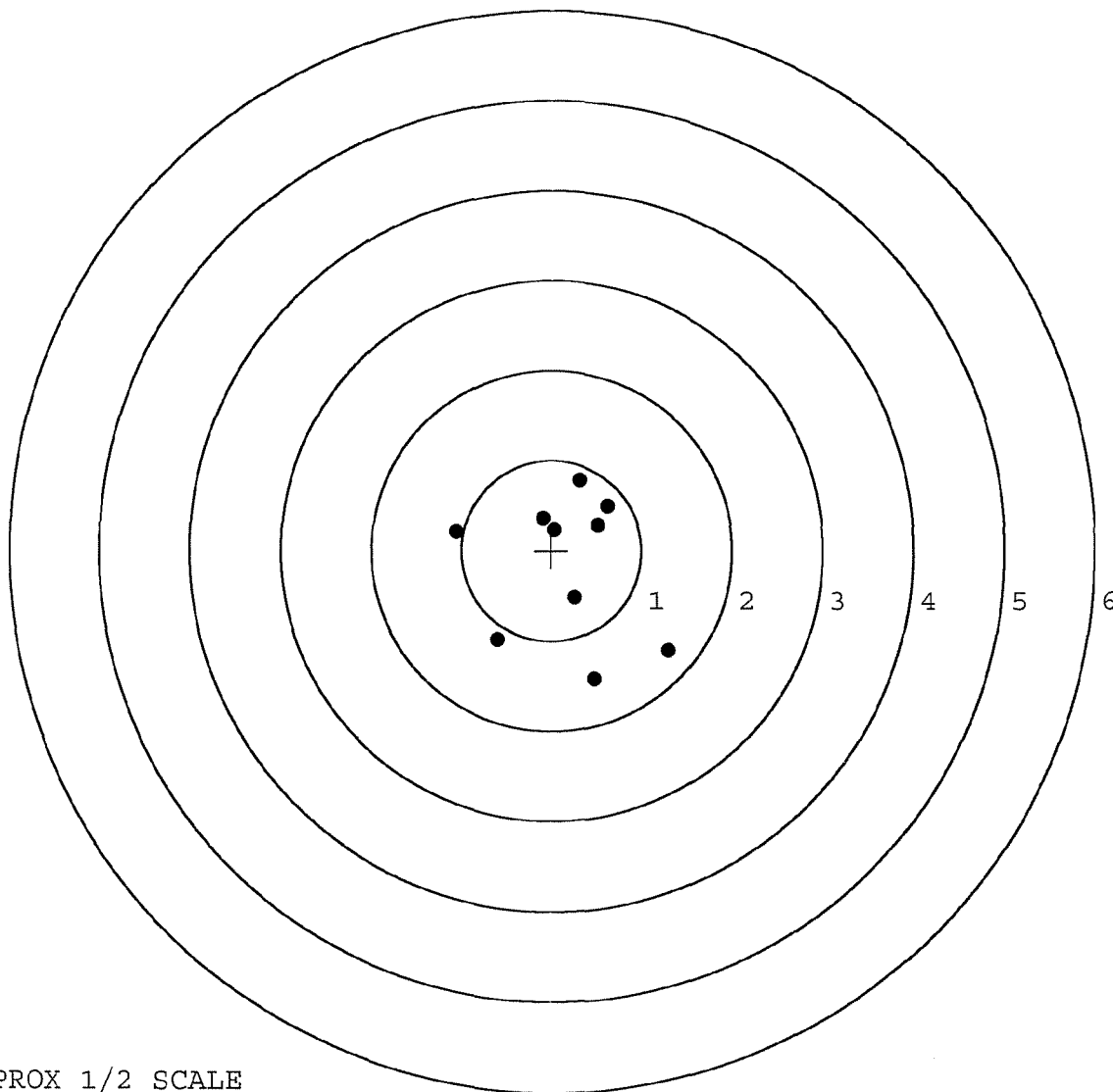
MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.306	-1.112
2:	0.485	-1.426
3:	0.266	-0.524
4:	-0.597	-0.990
5:	0.620	0.497
6:	0.523	0.286
7:	0.314	0.776
8:	0.038	0.228
9:	-0.099	0.360
10:	-1.059	0.211



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523482. __0

TARGET NUMBER: 2

FILE DATE: 10/05/2004

FILE TIME: 08:32

X CENTROID: 0.033

Y CENTROID: 0.126

POA TO CENTROID: 0.131

HORZ SPREAD: 2.479

VERT SPREAD: 1.576

GROUP SPREAD: 2.482

MIN RADIUS: 0.277

MAX RADIUS: 1.415

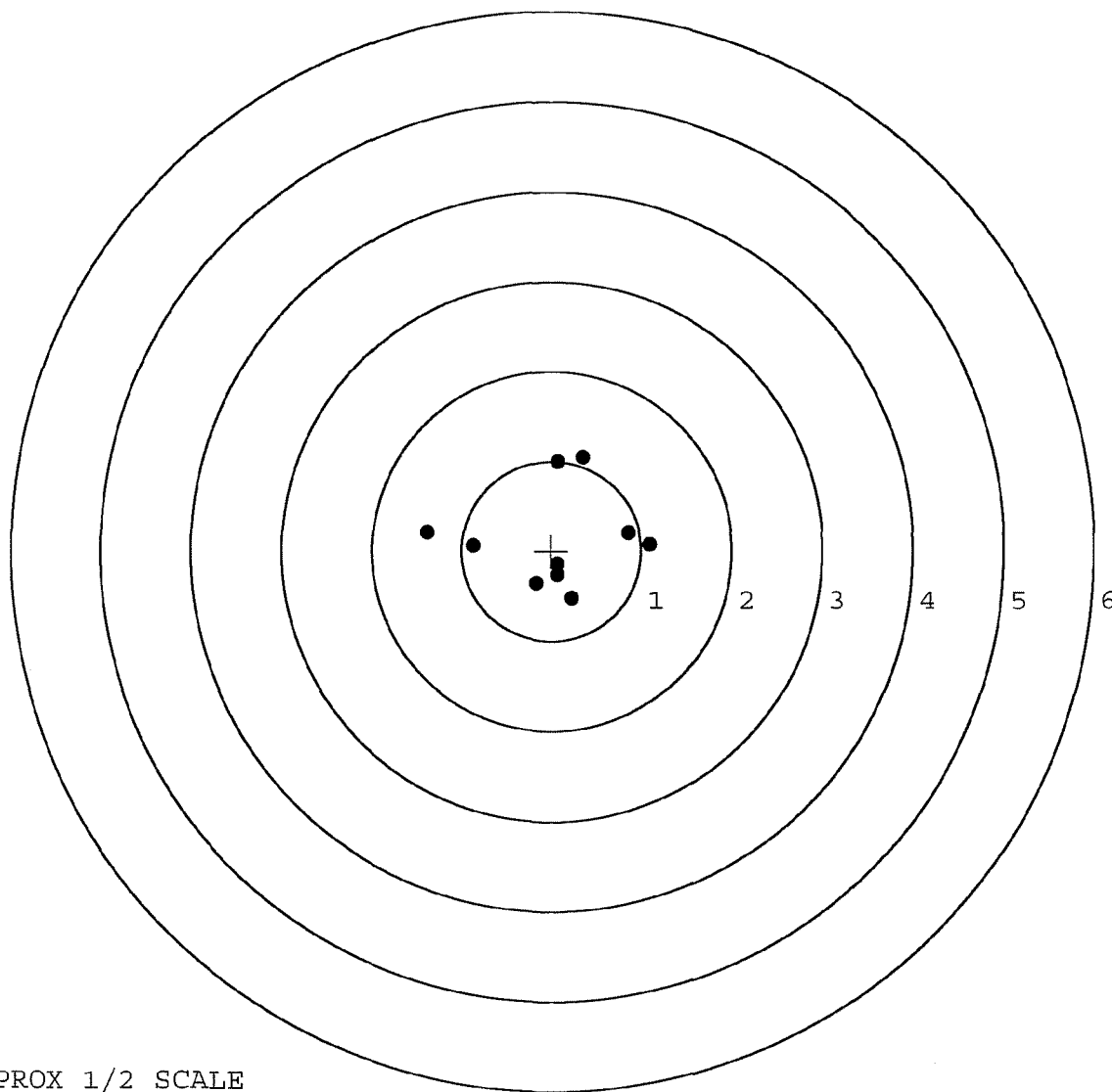
MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.099	0.071
2:	0.864	0.200
3:	0.348	1.045
4:	0.073	0.995
5:	0.070	-0.148
6:	0.229	-0.531
7:	-0.171	-0.360
8:	-0.870	0.058
9:	-1.380	0.201
10:	0.068	-0.267



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523482. __0

TARGET NUMBER: 3

FILE DATE: 10/05/2004

FILE TIME: 08:32

POINT#	X	Y
1:	0.663	0.494
2:	0.841	0.878
3:	0.614	-0.353
4:	0.414	-0.509
5:	-1.002	0.002
6:	-0.501	-0.036
7:	-0.111	-0.169
8:	-0.419	-0.378
9:	-0.490	-0.159
10:	-0.120	-0.196

X CENTROID: -0.011

Y CENTROID: -0.043

POA TO CENTROID: 0.044

HORZ SPREAD: 1.843

VERT SPREAD: 1.387

GROUP SPREAD: 2.041

MIN RADIUS: 0.161

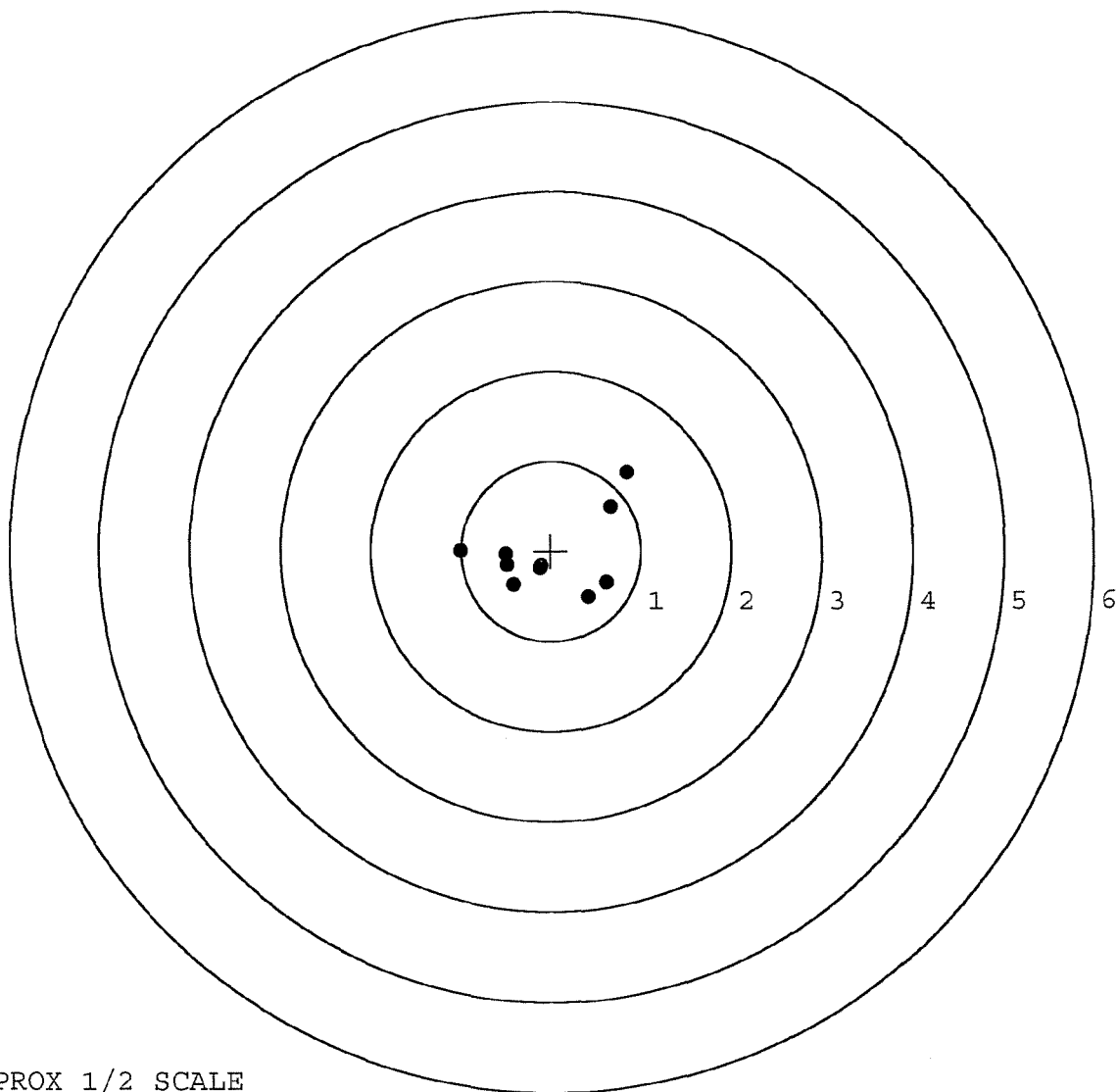
MAX RADIUS: 1.254

MEAN RADIUS: 0.630

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523482. __0

TARGET NUMBER: 4

FILE DATE: 10/05/2004

FILE TIME: 08:32

POINT#	X	Y
1:	0.221	-1.014
2:	0.053	-0.881
3:	1.012	-0.022
4:	0.596	0.310
5:	0.113	-0.068
6:	-0.231	0.055
7:	-0.384	-0.339
8:	-0.633	0.090
9:	-0.728	0.814
10:	-1.539	-0.143

X CENTROID: -0.152

Y CENTROID: -0.120

POA TO CENTROID: 0.194

HORZ SPREAD: 2.551

VERT SPREAD: 1.828

GROUP SPREAD: 2.554

MIN RADIUS: 0.192

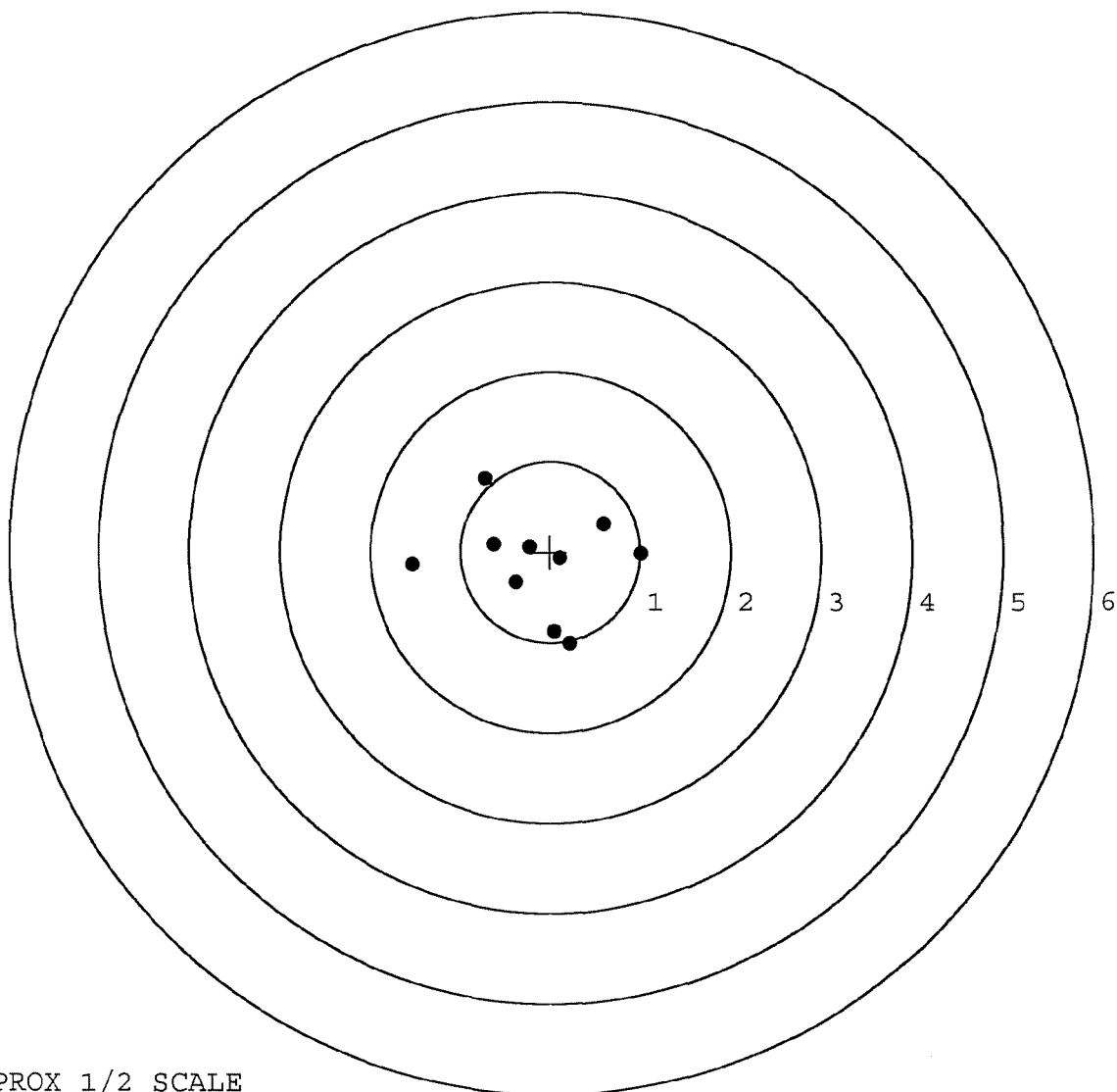
MAX RADIUS: 1.387

MEAN RADIUS: 0.758

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523482. __0

TARGET NUMBER: 5

FILE DATE: 10/05/2004

FILE TIME: 08:32

X CENTROID: 0.029

Y CENTROID: -0.123

POA TO CENTROID: 0.126

HORZ SPREAD: 2.094

VERT SPREAD: 2.021

GROUP SPREAD: 2.555

MIN RADIUS: 0.352

MAX RADIUS: 1.565

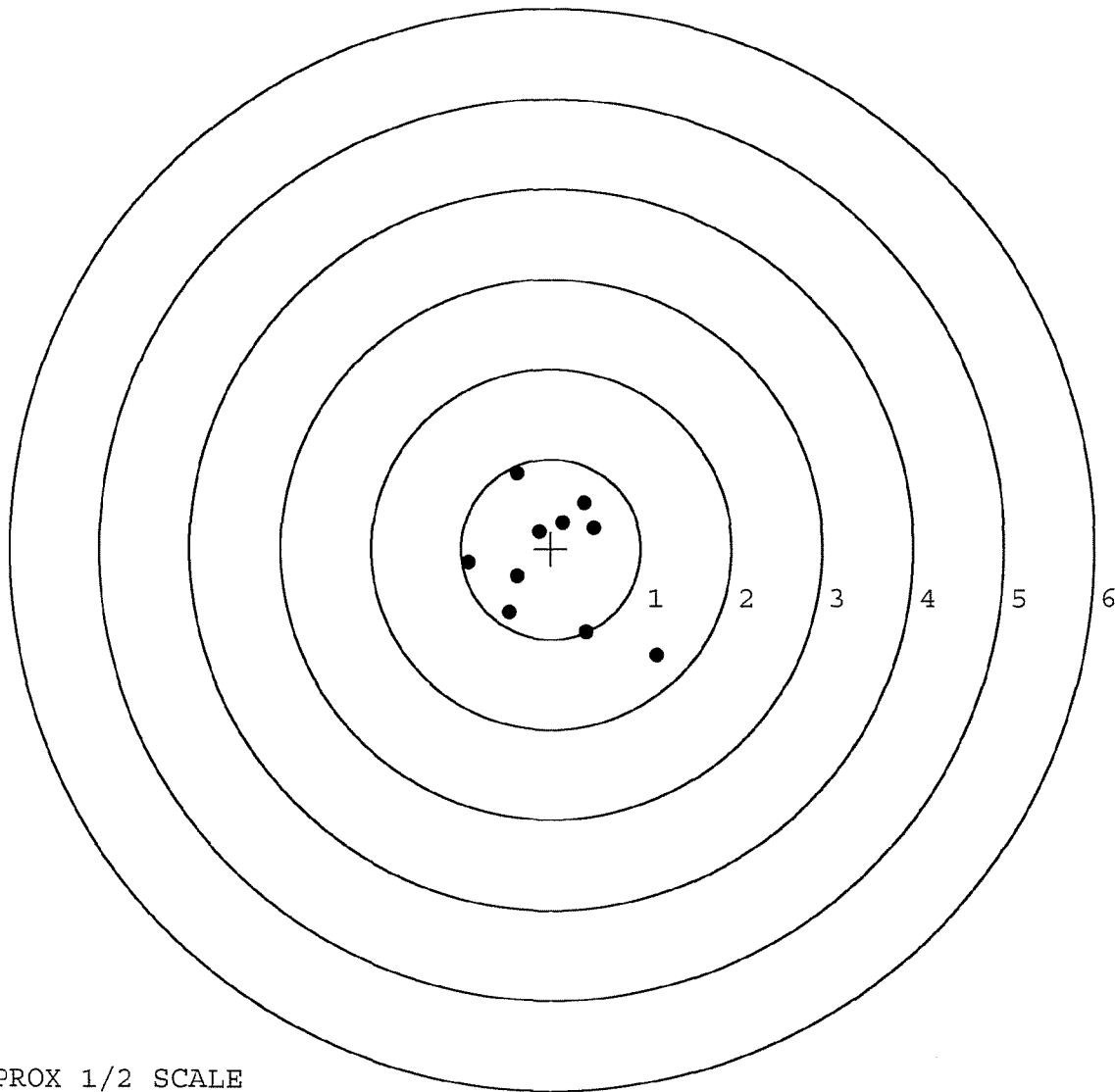
MEAN RADIUS: 0.772

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.178	-1.185
2:	0.397	-0.925
3:	-0.466	-0.711
4:	-0.374	-0.309
5:	-0.916	-0.154
6:	0.373	0.508
7:	0.483	0.232
8:	0.129	0.290
9:	-0.132	0.191
10:	-0.386	0.836



TARGET APPROX 1/2 SCALE

R & E NUMBER	84767		
SERIAL NUMBER	C6523482		
LOG-IN DATE	9-10-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-13-04	RTZ
560 A	RE-BARREL	9-22-04	RTZ
B	DRILL AND TAP	9-22-04	TRLW
575	ASSEMBLE	9-22-04	RR
600	PROOF	9-23-04	RTZ
605	CHECK HEADSPACE	9-23-04	RTZ
610	DIS-ASSEMBLE GUN	9-23-04	RTZ
612	MAGNAFLUX		OPERATOR <i>[Signature]</i>
615	ROLLMARK CALIBER	9/24/04	B
618	ROTO-BLAST	9/27	JW
620	APPLY COATINGS	9/28	HP
625 A	FINAL ASSEMBLY	10-4-04	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-4-04 @ 0600Z	RTZ TRLW
655	FINAL INSPECT	10-7-04	RTZ
660	PACK	10-26-04	JA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6523482

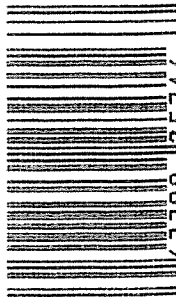
ORDER NO.
5716

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



5716 C6523482

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523482

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	KG
600	Proof		10/1/90	KG
607	Check Headspace		10/1/90	KG
610	Dis-assemble Gun		10/1/90	KG
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	KG
617	Drill and Tap Sight Holes		10/4/90	FB
618	Polish Barrel RB		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-27-90	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/27/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			10/27/90	WB
	H) Trigger Pull Test & Retainability						10/27/90	DH
	I) Firing Pin Indent	.0215	.021	.021			10/27/90	WB
	J) Assemble Stock						10/27/90	Kel
	K) Assemble Swivel Studs						3/10/90	JS
	L) Attach Front and Rear Sight Assemblies						10/27/90	Kel
	M) Iron Sight Alignment						10/27/90	Kel
	N) Detach Front & Rear Sights & place in numbered container						10/27/90	Kel
	O) Attach Scope to Rifle						10/27/90	Kel
	P) Detach & Attach Scope 20 Times						10/27/90	Kel
640	Gallery Target & Test						10/29/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10/29/90	AF
655	Final Inspection							
	A) Headspace						3/10/90	JS
	B) Trigger Pull	234	244	230	238	246	3/10/90	JS
	C) Function						3/10/90	JS
660	Pack						12/17/90	DH

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

SERIAL NO. C6523482DATE 10-27-90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.84	2.29	2.56	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.43	2.51	2.44	
PULL #3	2.45	2.40	2.62	2.30	
PULL #4	2.45	2.38	2.38	2.38	
PULL #5	2.43	2.39	2.48	2.40	
TOTAL	12.14	11.89	12.55		
AVG.	2.42	2.37	2.51		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.05		
PULL #2	3.09	3.00		
PULL #3	3.10	3.20		
PULL #4	3.09	3.27		
PULL #5	3.00	3.26		
TOTAL	15.45	15.78		
AVG.	3.09	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.16		4.20
PULL #2	4.08	4.17		4.20
PULL #3	4.10	4.19		4.17
PULL #4	4.12	4.20		4.18
PULL #5	4.03	4.15		4.21
TOTAL	20.33	20.87		20.96
AVG.	4.06	4.17		4.19

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523482
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.514841
1 TO	2	.463674
1 TO	3	.966938
1 TO	4	.618502
1 TO	5	.907267

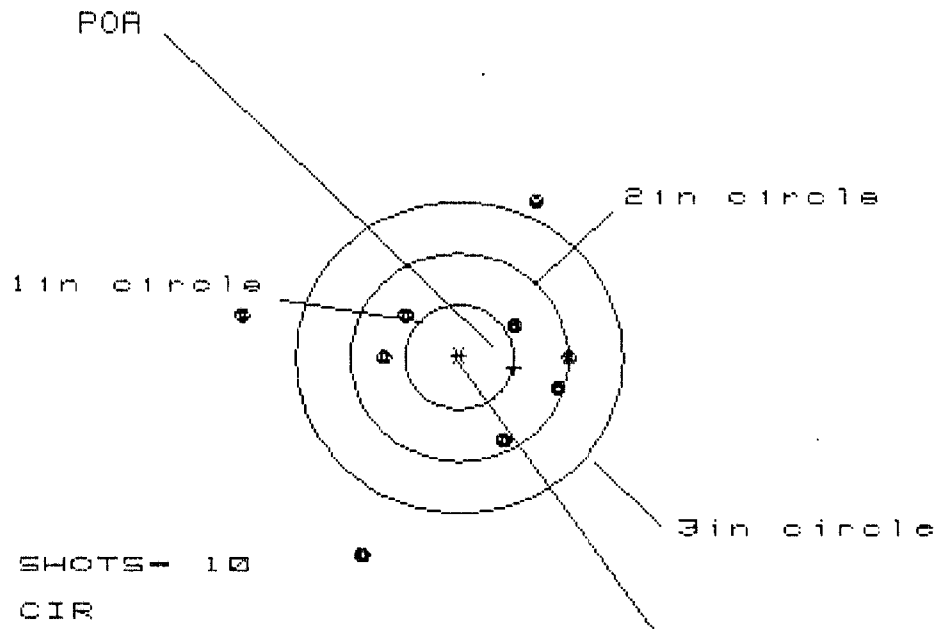
1 45 <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0564
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0659591
THE AMR FOR THIS RIFLE IS: .8806

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65234B2

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 7

HS = 3.0000

VS = 3.345

GS = 3.689

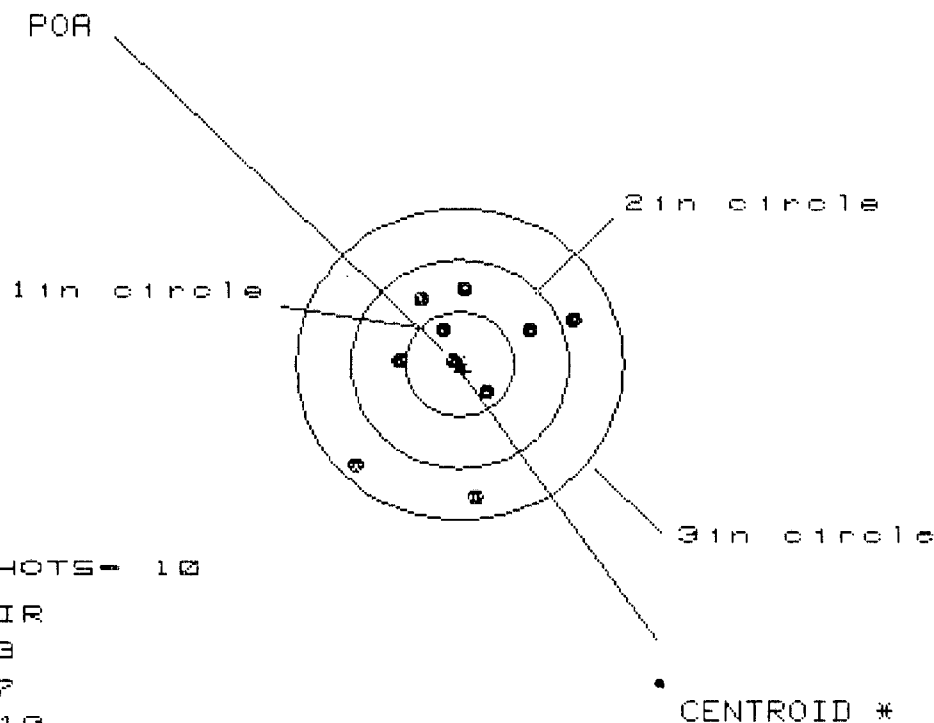
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.967	.741	.606
MINIMUM X	-2.033	-1.075	-1.104
MAXIMUM Y	1.470	1.517	1.288
MINIMUM Y	-1.875	-1.928	-1.989
CENTROID X	-.506	-.280	-.145
CENTROID Y	.095	.048	.277
POA TO CENTROID in.	.515	.284	.313
MIN RADIUS	.596	.463	.201
MEAN RADIUS	1.125	.975	.768
MAX RADIUS	2.076	2.121	1.334
HORIZONTAL SPREAD	3.000	1.816	1.710
VERTICAL SPREAD	3.345	3.345	2.277
EXTREME SPREAD	3.689	3.689	2.296
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523482

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.007

VS= 2.022

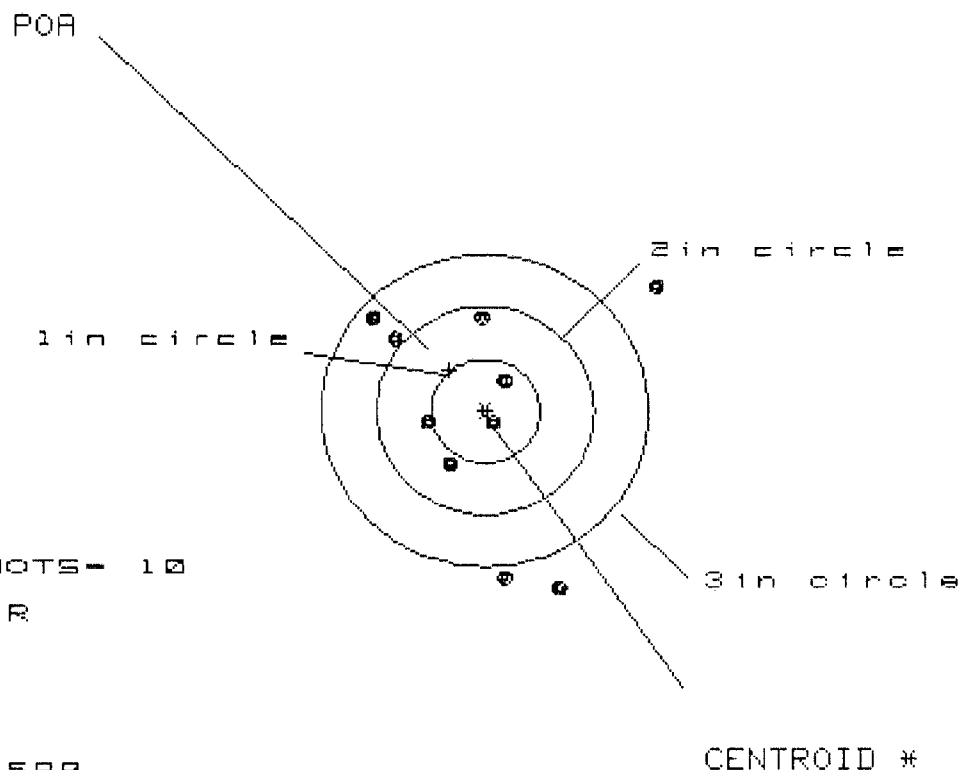
GS= 2.477

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	.976	.978
MINIMUM X	:	-.928	-.691	-.689
MAXIMUM Y	:	.712	.600	.422
MINIMUM Y	:	-1.310	-1.422	-.565
CENTROID X	:	-.043	.060	.058
CENTROID Y	:	.070	.182	.360
POA TO CENTROID in.	:	.082	.192	.365
MIN RADIUS	:	.093	.202	.232
MEAN RADIUS	:	.741	.661	.543
MAX RADIUS	:	1.371	1.422	.990
HORIZONTAL SPREAD	:	2.007	1.667	1.667
VERTICAL SPREAD	:	2.022	2.022	.987
EXTREME SPREAD	:	2.477	2.024	1.723
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65234B2

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.598

VS= 2.892

GS= 3.174

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.607	.844	.483
MINIMUM X	:	-.991	-.812	-.707
MAXIMUM Y	:	1.196	1.040	.844
MINIMUM Y	:	-1.696	-1.563	-1.712
CENTROID X	:	.327	.148	.043
CENTROID Y	:	-.396	-.529	-.333
POA TO CENTROID in.	:	.513	.549	.336
MIN RADIUS	:	.136	.290	.278
MEAN RADIUS	:	1.038	.923	.790
MAX RADIUS	:	2.003	1.777	1.779
HORIZONTAL SPREAD	:	2.598	1.656	1.190
VERTICAL SPREAD	:	2.892	2.603	2.556
EXTREME SPREAD	:	3.174	3.085	2.819
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523482

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 1.733

VS= 2.426

GS= 2.431

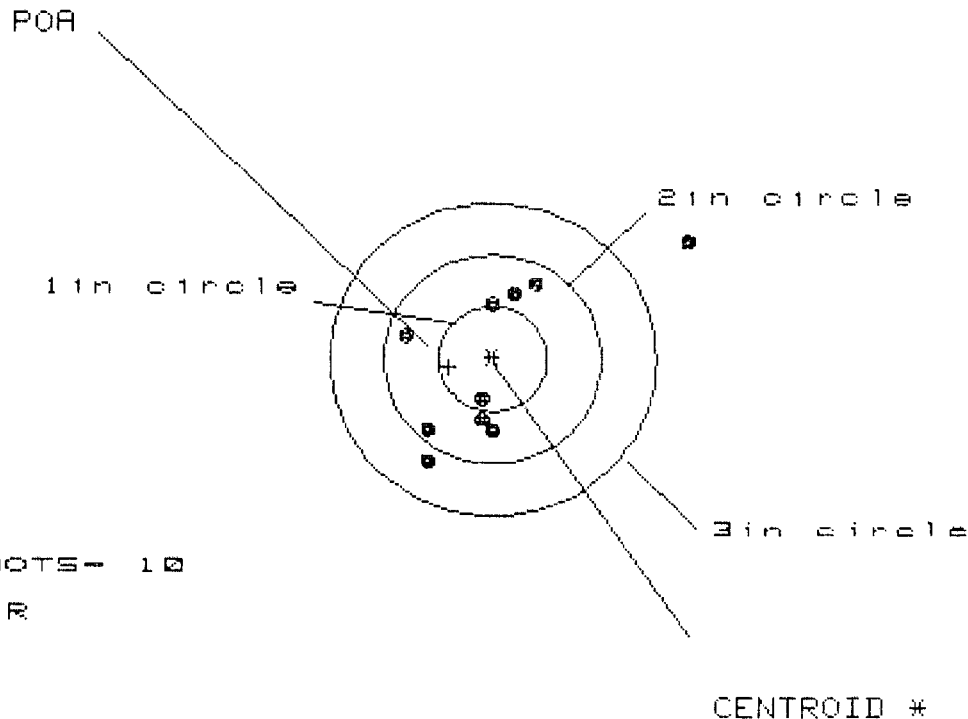
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.963	.954	.857
MINIMUM X	-.770	-.779	-.569
MAXIMUM Y	.885	.714	.776
MINIMUM Y	-1.541	-.578	-.515
CENTROID X	.103	.112	.209
CENTROID Y	-.013	.158	.096
POA TO CENTROID in.	.104	.194	.230
MIN RADIUS	.086	.218	.185
MEAN RADIUS	.637	.544	.485
MAX RADIUS	1.543	.959	.872
HORIZONTAL SPREAD	1.733	1.733	1.425
VERTICAL SPREAD	2.426	1.292	1.292
EXTREME SPREAD	2.431	1.779	1.518
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523482

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS = 2.597

VS = 2.125

GS = 3.169

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.772	.559	.512
MINIMUM X	-.825	-.629	-.676
MAXIMUM Y	1.161	.867	.763
MINIMUM Y	-.964	-.835	-.628
CENTROID X	.401	.205	.252
CENTROID Y	.073	-.056	.048
POA TO CENTROID in.	.408	.212	.257
MIN RADIUS	.423	.304	.393
MEAN RADIUS	.862	.682	.658
MAX RADIUS	2.118	1.032	.919
HORIZONTAL SPREAD	2.597	1.188	1.188
VERTICAL SPREAD	2.125	1.702	1.391
EXTREME SPREAD	3.169	1.945	1.708
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		