

C6348779

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: **RE00049177** Serial: **C6348779** Model: **700** Center Fire Caliber: **7.62 NATO M24 SWS** Repairman: Status: **Closed 7/12/02 10:31:02 AM**

Verify Repair

Address Information

Customer: **JOINT TRANSPORT DIV** Received From: **JOINT TRANSPORT DIV** Return To: **JOINT TRANSPORT DIV** Received From:

Address 1: **ATTN ATZH JTM M** Address 2: **BOX 339500 MS 53** PO Box: City: **FORT LEWIS** State: **WA** Zip Code: **98433** 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
A007	With Studs	3
X001	Fr. & Rear Bases	2

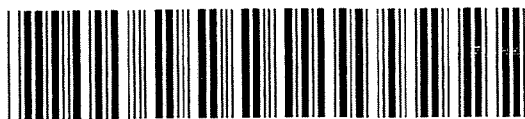
Repair Search Refresh Close

7/12/02 10:38 AM CAPS NUM INS SCFL

Start [Icons] 10:38 AM

Serial Number: **C6348779**

Model: **700**



RE00049177

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348779.___0

FILE DATE AND TIME: 08/01/2002 13:53

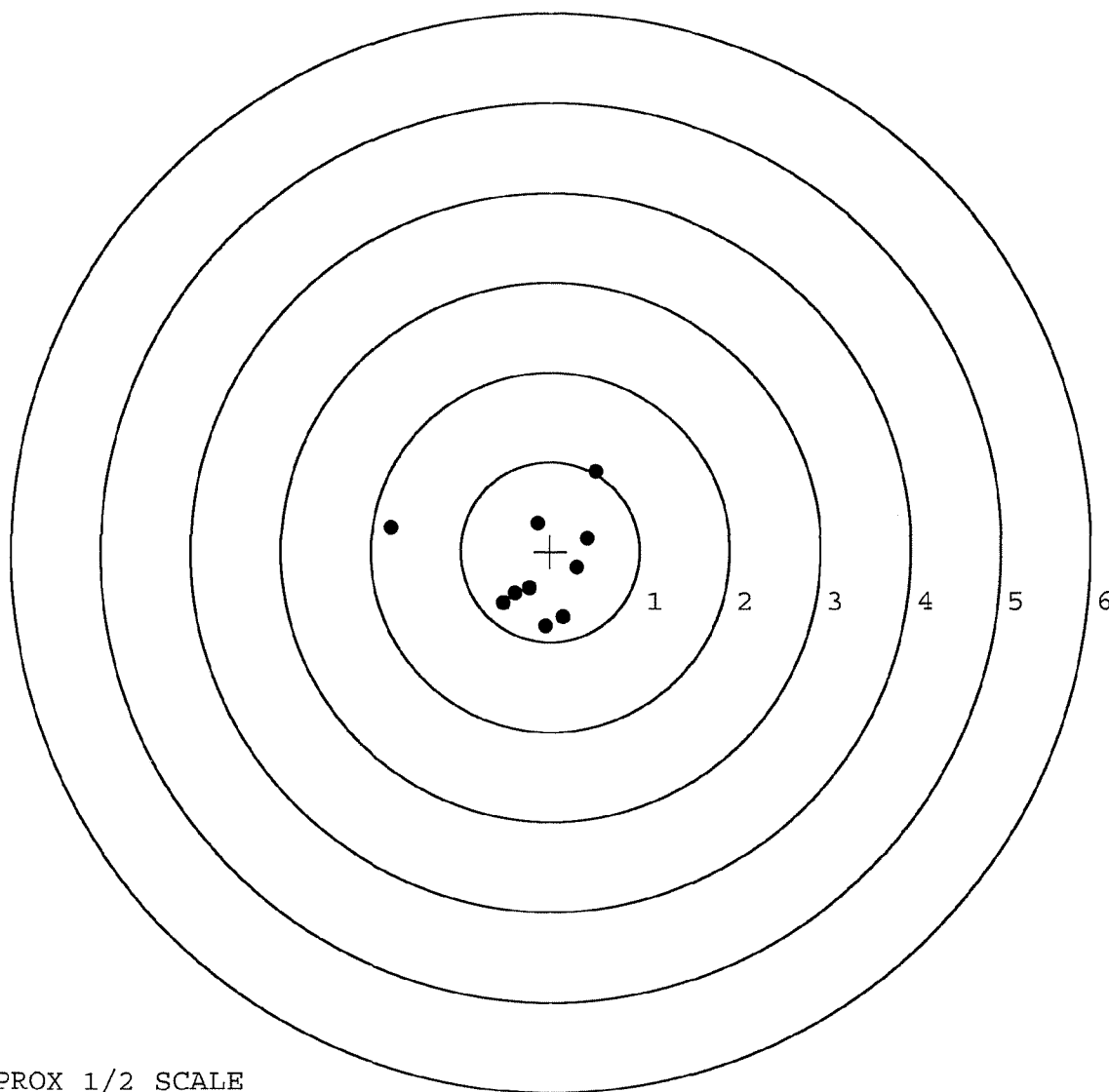
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.059
The Average Y Centroid of the Five Target Set:	-0.010
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.696
The Distance from POA to Centroid Target #1:	0.239
The Distance from Centroid Target #2 to Centroid Target #1:	0.386
The Distance from Centroid Target #3 to Centroid Target #1:	0.220
The Distance from Centroid Target #4 to Centroid Target #1:	0.247
The Distance from Centroid Target #5 to Centroid Target #1:	0.199

SERIAL NUMBER: C6348779. __0
TARGET NUMBER: 1
FILE DATE: 08/01/2002
FILE TIME: 13:53

POINT#	X	Y
1:	-1.781	0.266
2:	0.509	0.888
3:	-0.148	0.307
4:	-0.236	-0.407
5:	-0.400	-0.472
6:	-0.523	-0.577
7:	0.146	-0.730
8:	-0.055	-0.831
9:	0.295	-0.180
10:	0.418	0.143

X CENTROID: -0.177
Y CENTROID: -0.159
POA TO CENTROID: 0.239
HORZ SPREAD: 2.290
VERT SPREAD: 1.719
GROUP SPREAD: 2.373
MIN RADIUS: 0.255
MAX RADIUS: 1.659
MEAN RADIUS: 0.704
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

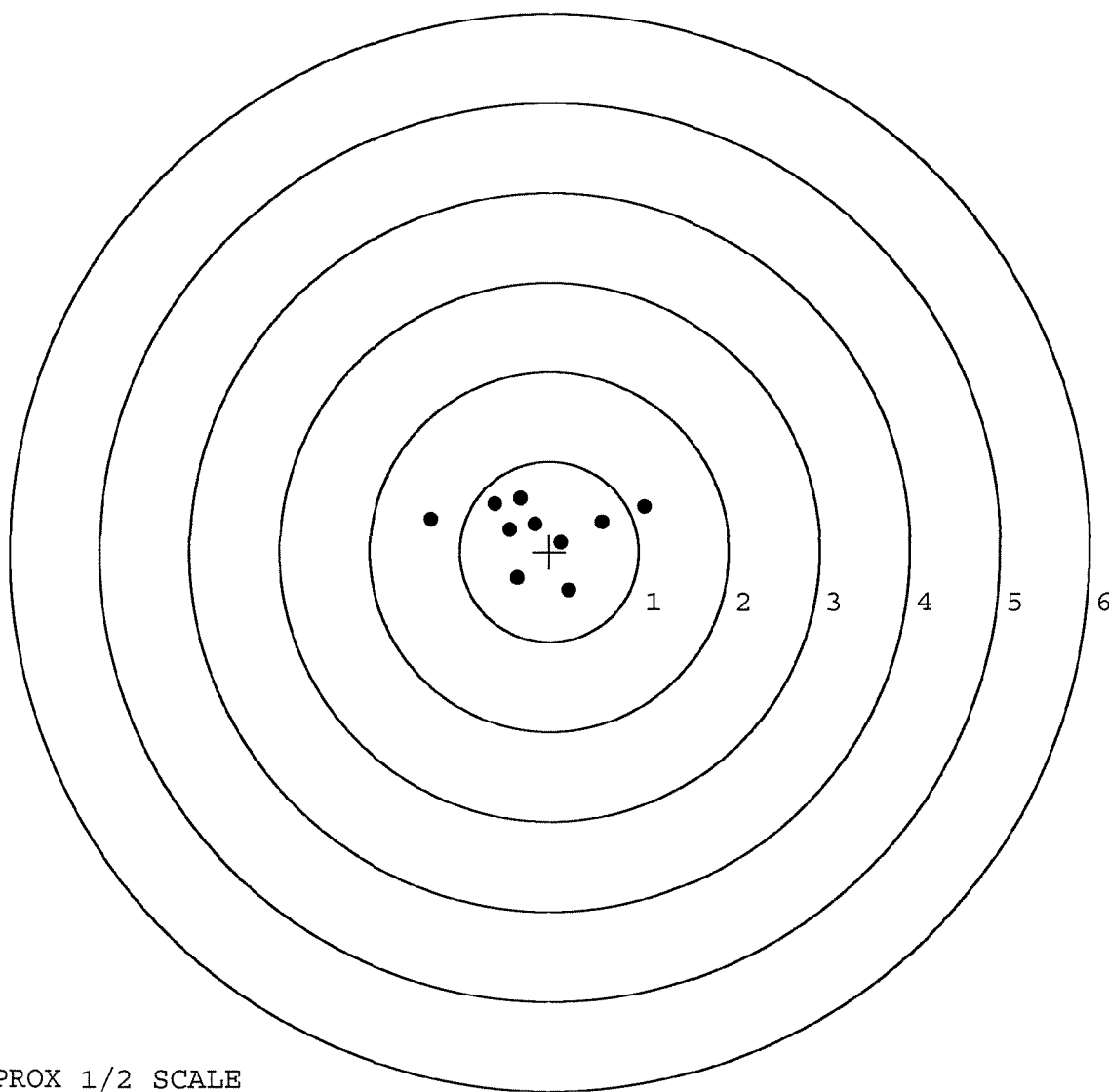


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348779. __0
TARGET NUMBER: 2
FILE DATE: 08/01/2002
FILE TIME: 13:53

POINT#	X	Y
1:	1.059	0.500
2:	0.219	-0.427
3:	-0.355	-0.297
4:	0.586	0.331
5:	0.133	0.102
6:	-1.332	0.355
7:	-0.327	0.587
8:	-0.614	0.532
9:	-0.172	0.304
10:	-0.451	0.242

X CENTROID: -0.125
Y CENTROID: 0.223
POA TO CENTROID: 0.256
HORZ SPREAD: 2.391
VERT SPREAD: 1.014
GROUP SPREAD: 2.395
MIN RADIUS: 0.094
MAX RADIUS: 1.216
MEAN RADIUS: 0.615
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

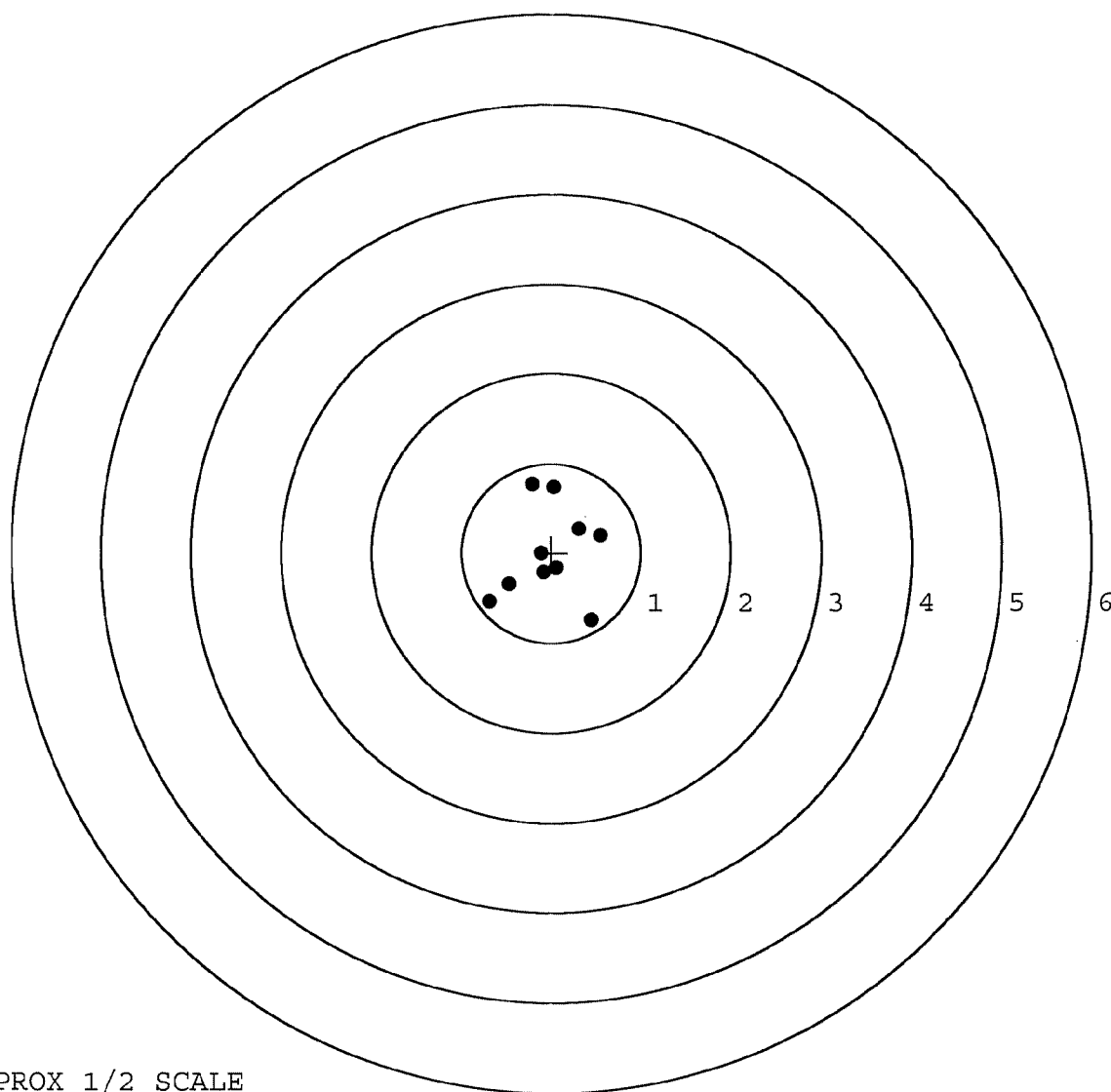


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348779. __0
TARGET NUMBER: 3
FILE DATE: 08/01/2002
FILE TIME: 13:53

POINT#	X	Y
1:	0.452	-0.747
2:	0.551	0.200
3:	0.311	0.269
4:	0.027	0.737
5:	-0.215	0.770
6:	-0.468	-0.354
7:	-0.692	-0.551
8:	0.058	-0.169
9:	-0.093	-0.221
10:	-0.114	-0.009

X CENTROID: -0.018
Y CENTROID: -0.008
POA TO CENTROID: 0.020
HORZ SPREAD: 1.243
VERT SPREAD: 1.517
GROUP SPREAD: 1.657
MIN RADIUS: 0.096
MAX RADIUS: 0.876
MEAN RADIUS: 0.539
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

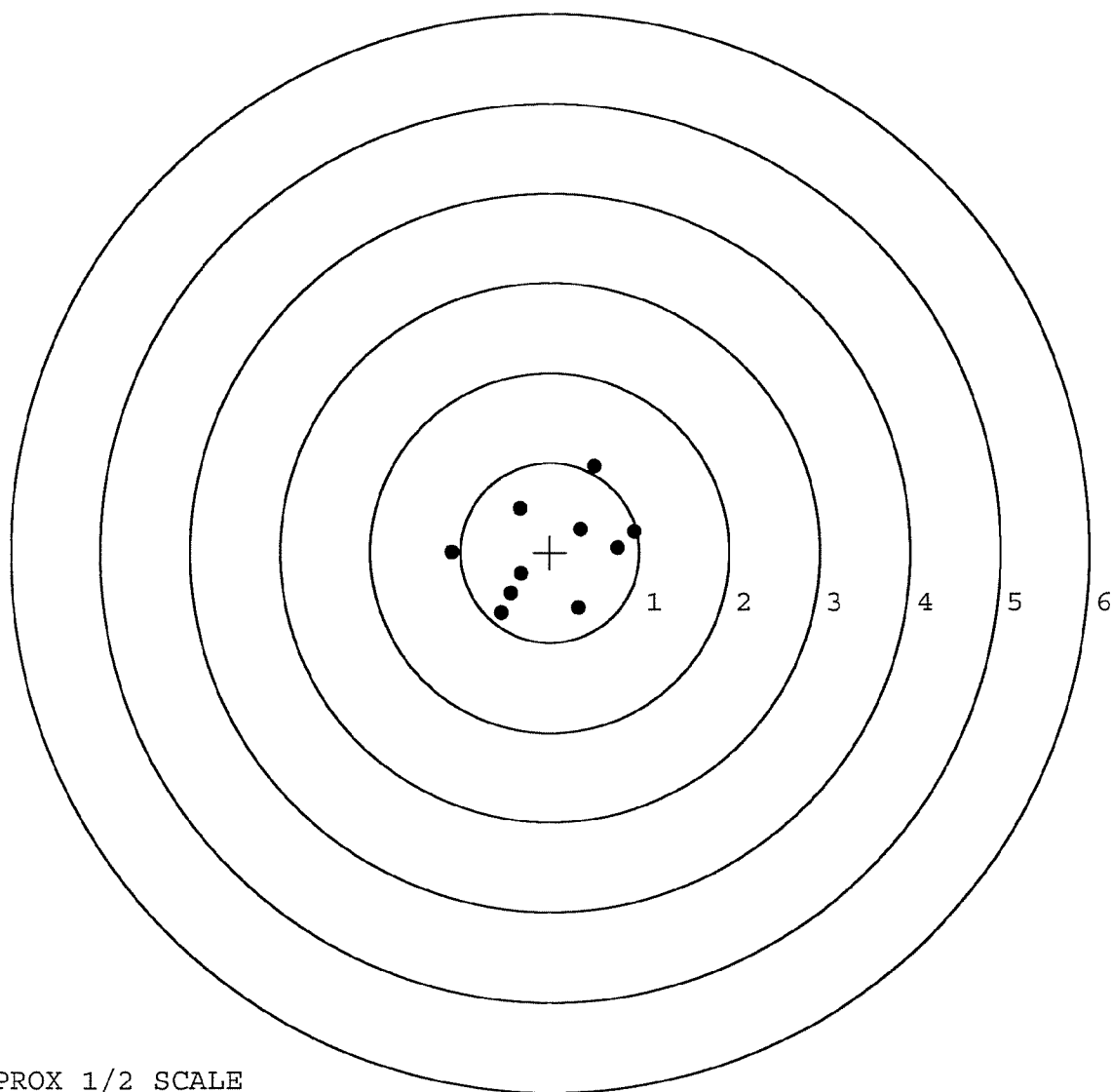


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348779. __0
TARGET NUMBER: 4
FILE DATE: 08/01/2002
FILE TIME: 13:53

POINT#	X	Y
1:	0.942	0.236
2:	0.754	0.054
3:	0.341	0.259
4:	0.499	0.964
5:	-0.337	0.488
6:	-1.098	-0.007
7:	-0.326	-0.243
8:	-0.438	-0.462
9:	-0.541	-0.684
10:	0.324	-0.620

X CENTROID: 0.012
Y CENTROID: -0.002
POA TO CENTROID: 0.012
HORZ SPREAD: 2.040
VERT SPREAD: 1.648
GROUP SPREAD: 2.054
MIN RADIUS: 0.415
MAX RADIUS: 1.110
MEAN RADIUS: 0.755
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348779. __0

TARGET NUMBER: 5

FILE DATE: 08/01/2002

FILE TIME: 13:53

POINT#	X	Y
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1:	1.288	-0.528
----	-------	--------

2:	0.936	-0.125
----	-------	--------

3:	0.852	0.925
----	-------	-------

4:	-0.394	0.512
----	--------	-------

5:	-0.155	0.134
----	--------	-------

6:	-0.550	0.286
----	--------	-------

7:	-0.213	-0.139
----	--------	--------

8:	-0.949	-0.156
----	--------	--------

9:	-0.877	-0.997
----	--------	--------

10:	0.204	-0.977
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X CENTROID: 0.014

Y CENTROID: -0.106

POA TO CENTROID: 0.107

HORZ SPREAD: 2.237

VERT SPREAD: 1.922

GROUP SPREAD: 2.268

MIN RADIUS: 0.230

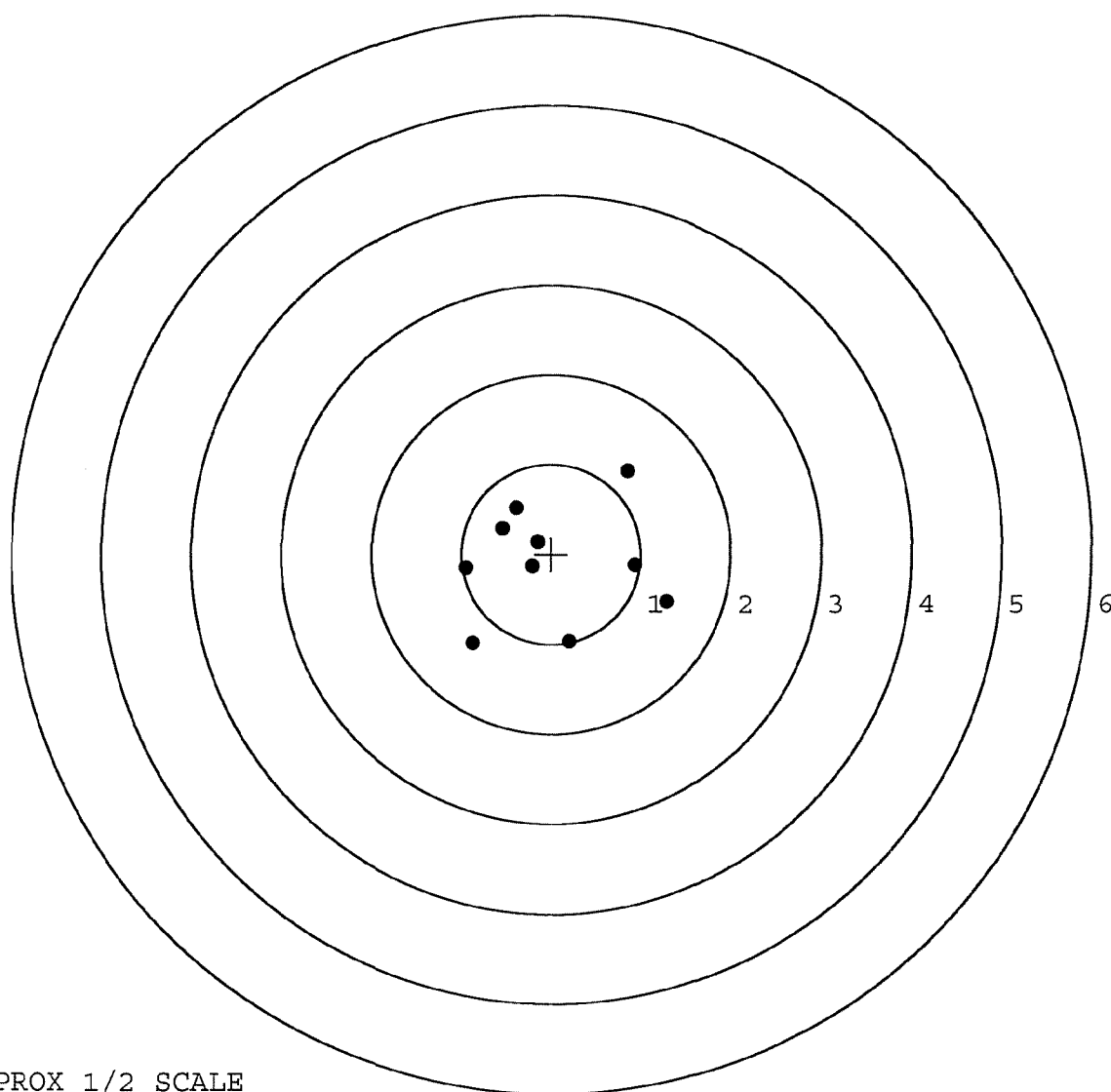
MAX RADIUS: 1.342

MEAN RADIUS: 0.866

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

S.N. C 634879

DATE REC'D: 7/12/02

DATE RET'D: 8/2/02

AUDITOR: R

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☐ Scope
- ☐ Scope Rings
- ☐ Mounting Screws
- ☐ Mounting Base
- ☐ Screws
- ☐ Finish
- ☐ Looseness
- ☐ Clarity

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ Stock
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☐ SAFETY OPERATION
- ☒ SET

Comments:

I

M2400063821

CONTRACT # DAAA21-87-C-0086

Score
0550

GUN SERIAL #

C6348779

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		SL
7	Drill and Tap Sight Holes	9 29 89		JB
618	Polish Barrel RB	9 29 89		BT
620	Apply Coatings (Barrel Action)		10-11-89	JA
	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		2 Oct 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/23/89	JH
	G) Safety Off Force	3	3	3			10/23/89	JH
	H) Trigger Pull Test & Retainability						10/23/89	JH
	I) Firing Pin Indent	.0215	.0215	.022			10/23/89	JH
	J) Assemble Stock						10/31/89	RW
	K) Assemble Swivel Studs						10/31/89	JH
	L) Attach Front and Rear Sight Assemblies						10/31/89	RW
	M) Iron Sight Alignment						10/31/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/89	RW
	O) Attach Scope to Rifle						10/31/89	JH
	P) Detach & Attach Scope 20 Times						10/31/89	JH
640	Gallery Target & Test						11-3-89	DH
	A) Time						11-3-89	DH
	B) Malfunctions						11-3-89	DH
	C) Pierced Primers						11-3-89	DH
	D) Optical Clarity of Scope						11-3-89	DH
645	Inspect for Live Ammo						11-3-89	DH
655	Final Inspection							
	A) Headspace						10/31/89	JH
	B) Trigger Pull	235	201	243	228	221	10/31/89	JH
	C) Function						10/31/89	JH
660	Pack						14 Dec 89	JH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6348779

DATE 256/89

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	246	252	260	258	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	240	251	234	265	
PULL #3	244	252	226	267	
PULL #4	242	246	229	263	
PULL #5	249	243	229	258	
TOTAL	1221	1244	1178	1311	
AVG.	2.442	2.488	2.356	2.622	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	353	334		
PULL #2	343	333		
PULL #3	357	333		
PULL #4	351	330		
PULL #5	356	330		
TOTAL	1760	1660		
AVG.	3.52	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	429	453		387
PULL #2	427	443		387
PULL #3	434	441		385
PULL #4	435	438		384
PULL #5	434	437		384
TOTAL	2159	2212		1926
AVG.	4.318	4.424		3.852

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348779
3 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.467736
1 TO	2	.235281
1 TO	3	.151921
1 TO	4	.541713
1 TO	5	1.05125

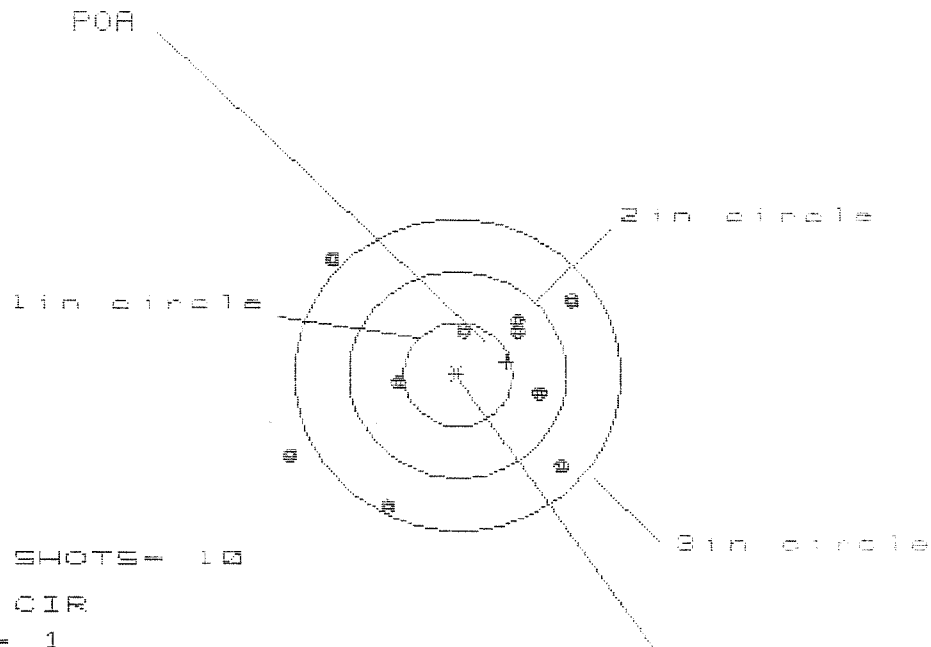
at 5 <----PCA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2324
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0282
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .234165
THE AMR FOR THIS RIFLE IS: .9362

3 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348779

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.584

VS= 2.385

GS= 2.987

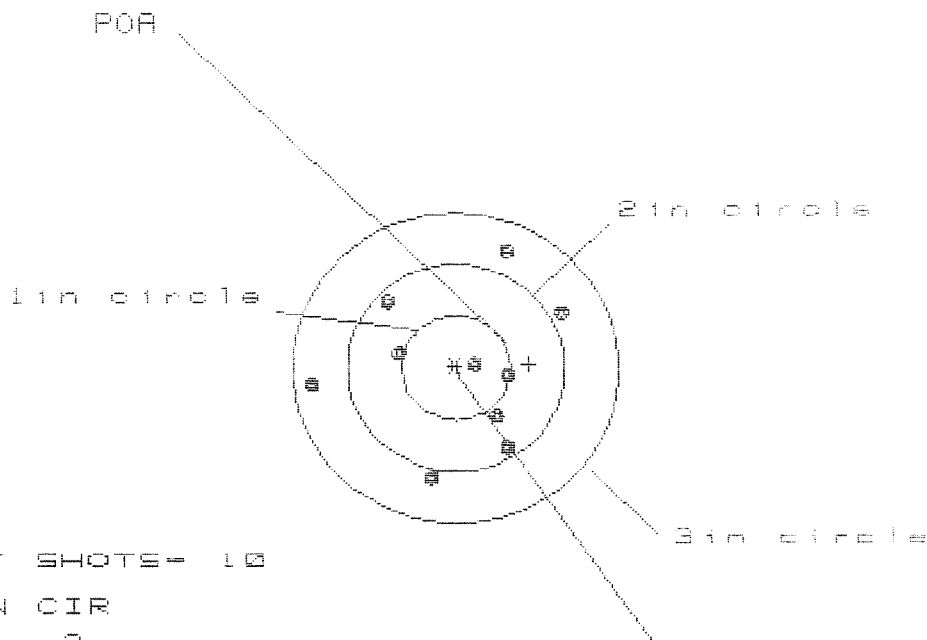
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.009	.832	.662
MINIMUM X	-1.585	-1.366	-.995
MAXIMUM Y	1.134	1.052	.781
MINIMUM Y	-1.251	-1.333	-1.202
CENTROID X	-.451	-.274	-.104
CENTROID Y	-.124	-.041	-.172
POA TO CENTROID in.	.467	.277	.201
MIN RADIUS	.378	.319	.434
MEAN RADIUS	1.054	.933	.825
MAX RADIUS	1.751	1.724	1.560
HORIZONTAL SPREAD	2.594	2.198	1.657
VERTICAL SPREAD	2.385	2.385	1.983
EXTREME SPREAD	2.987	2.997	2.584
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348773

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.303

VS= 2.244

GS= 2.424

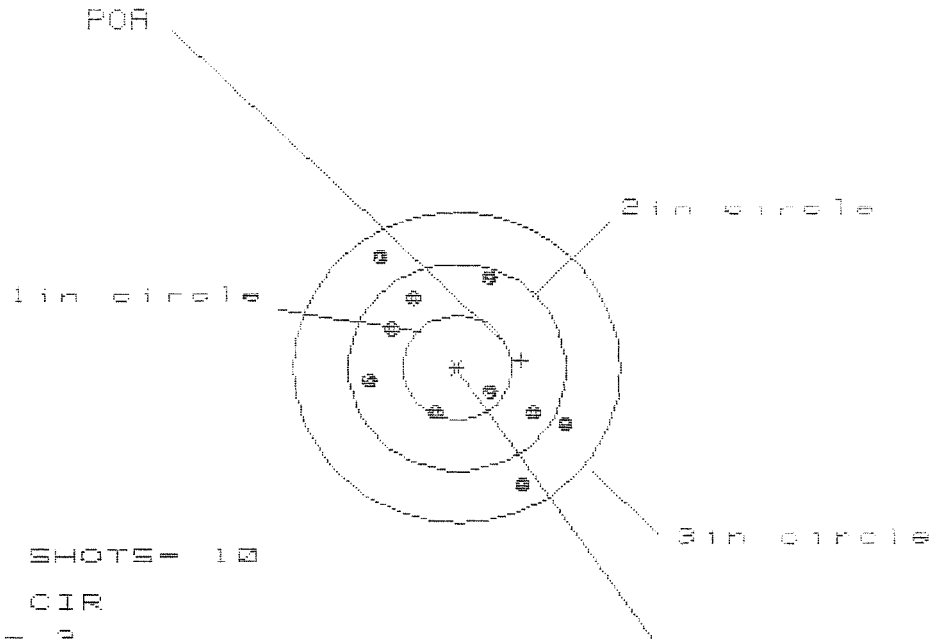
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.982	.835	.871
MINIMUM X	:	-1.321	-.784	-.748
MAXIMUM Y	:	1.183	1.163	.717
MINIMUM Y	:	-1.060	-1.081	-.936
CENTROID X	:	-.670	-.523	-.559
CENTROID Y	:	-.038	-.017	-.162
POA TO CENTROID in.	:	.671	.524	.582
MIN RADIUS	:	.156	.018	.168
MEAN RADIUS	:	.836	.750	.693
MAX RADIUS	:	1.334	1.197	1.113
HORIZONTAL SPREAD	:	2.303	1.619	1.619
VERTICAL SPREAD	:	2.244	2.244	1.653
EXTREME SPREAD	:	2.424	2.347	2.045
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348779

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.828

VS= 2.283

GS= 2.551

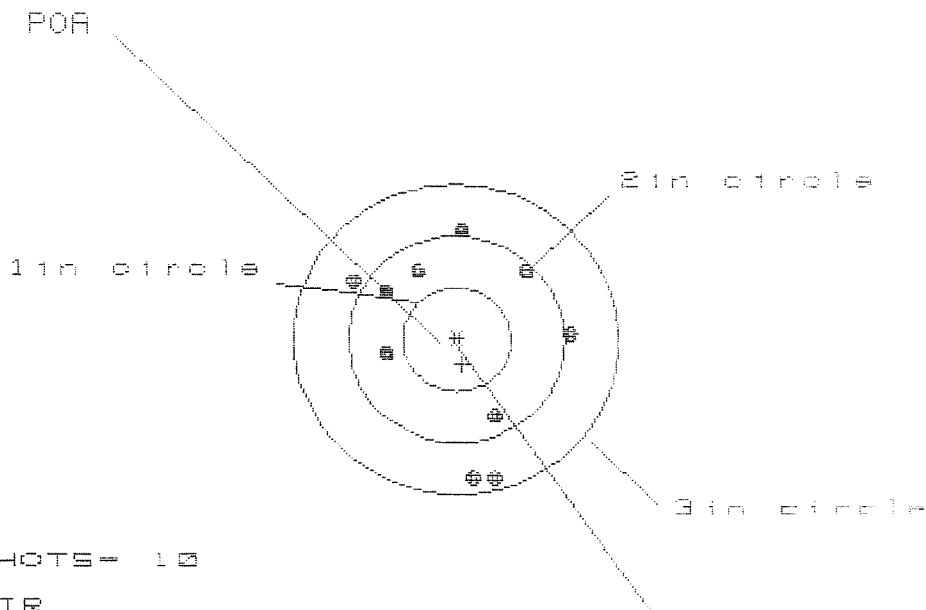
CENTROID *

PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.994	1.056	.974
MINIMUM X	-.835	-.772	-.854
MAXIMUM Y	1.039	.910	.839
MINIMUM Y	-1.164	-.654	-.540
CENTROID X	-.593	-.655	-.573
CENTROID Y	-.070	.059	-.055
POA TO CENTROID in.	.597	.658	.575
MIN RADIUS	.391	.519	.384
MEAN RADIUS	.962	.807	.758
MAX RADIUS	1.293	1.242	1.114
HORIZONTAL SPREAD	1.828	1.828	1.828
VERTICAL SPREAD	2.283	1.564	1.379
EXTREME SPREAD	2.551	2.322	1.865
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348779

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.048

VS= 2.374

GS= 2.377

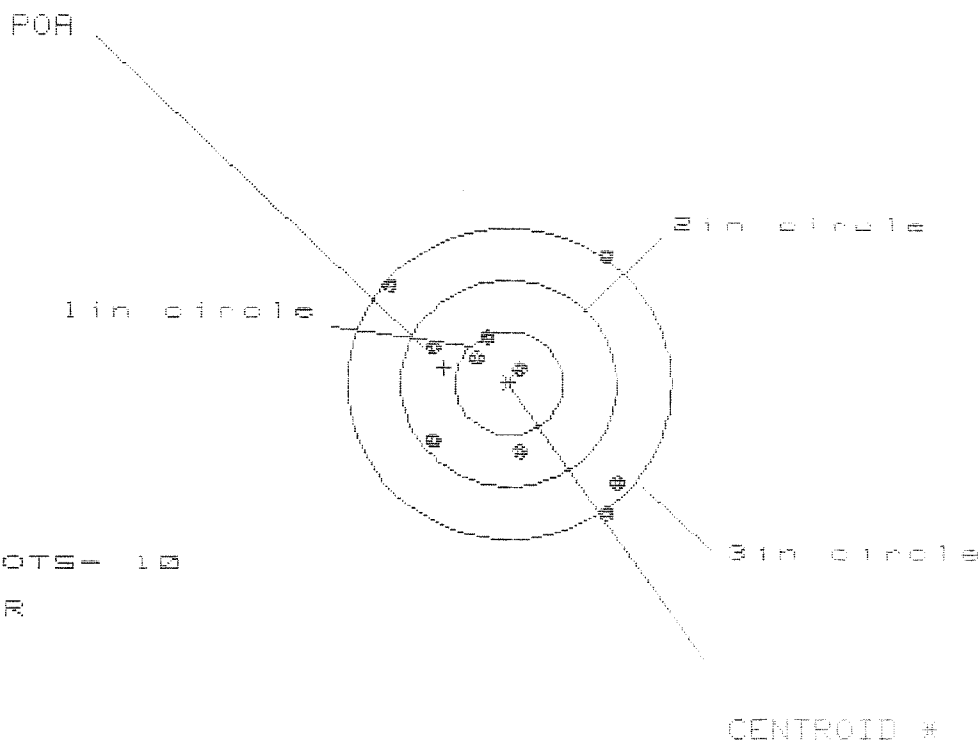
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.075	1.115	1.142
MINIMUM X	:	-.974	-.934	-.967
MAXIMUM Y	:	1.045	.901	.717
MINIMUM Y	:	-1.329	-1.473	-1.049
CENTROID X	:	-.048	-.088	-.115
CENTROID Y	:	.238	.382	.566
POA TO CENTROID in.	:	.243	.392	.577
MIN RADIUS	:	.711	.577	.413
MEAN RADIUS	:	.992	.927	.821
MAX RADIUS	:	1.347	1.488	1.164
HORIZONTAL SPREAD	:	2.049	2.049	2.049
VERTICAL SPREAD	:	2.374	2.374	1.766
EXTREME SPREAD	:	2.377	2.377	2.104
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08543778

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.102

VS= 2.485

GS= 2.986

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	1.092	1.212
MINIMUM X	:	-1.116	-1.010	-1.890
MAXIMUM Y	:	1.222	1.082	.893
MINIMUM Y	:	-1.263	-1.101	-1.966
CENTROID X	:	.600	.494	.374
CENTROID Y	:	-.147	-.007	-.142
POA TO CENTROID in.	:	.617	.494	.400
MIN RADIUS	:	.227	.241	.254
MEAN RADIUS	:	.937	.830	.752
MAX RADIUS	:	1.578	1.551	1.550
HORIZONTAL SPREAD	:	2.102	2.102	2.102
VERTICAL SPREAD	:	2.485	2.183	1.859
EXTREME SPREAD	:	2.986	2.806	2.806
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington®



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

MODEL 700TM H24

SERIAL NO.
C6348779

ORDER NO.
5716

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

01



5716 C6348779

UPC



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