

C6349199

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Number: RE00074626	Serial: C6349199 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS Produced: 05/19/1990	Repairman:	Status: Closed 12/29/2003 10:37:20 AM															
Address Information																		
Customer Name: HHC 3/327	Received From:	Return To: HHC 3/327	Received From:															
Address 1:	PO Box:	Address 2:	PO Box:															
City: FORT CAMPBELL		City: FORT CAMPBELL																
State: KY Zip Code: 42223 Country: US		State: KY Zip Code: 42223 Country: US																
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																		
Contact / Condition	Problems	Estimate	History / Status															
Contact Information Phone: Fax: Email: Comments:		Received Condition Fair Condition Notes: CSR Notes:																
		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3	A026	Scope	1
Code	Desc	Qty																
A007	With Studs	3																
A010	Hard Case	1																
A017	Scope Bases	3																
A026	Scope	1																
Repair Search		Refresh	Close															

Serial Number: **C6349199**

Model: **700**



RE00074626

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 12-30-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.63	2.76		2.49	
PULL #2	2.53	2.79		2.64	
PULL #3	2.66	2.74		2.46	
PULL #4	2.65	2.63		2.66	
PULL #5	2.76	2.61		2.61	
TOTAL	13.23	13.53		12.86	
AVERAGE	2.64	2.70		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.23		
PULL #2	3.42	3.20		
PULL #3	3.47	3.20		
PULL #4	3.38	3.19		
PULL #5	3.30	3.16		
TOTAL	16.83	15.98		
AVERAGE	3.36	3.19		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.13	4.13		4.33
PULL #2	4.22	4.00		4.28
PULL #3	4.17	3.95		4.13
PULL #4	4.18	3.90		4.15
PULL #5	4.08	4.09		4.05
TOTAL	20.78	20.07		20.94
AVERAGE	4.15	4.01		4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349199.___0

FILE DATE AND TIME: 01/28/2004 11:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.012
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.059
The Average Mean Radius of the Five Target Set:	0.556
The Distance from POA to Centroid Target #1:	0.204
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.396
The Distance from Centroid Target #4 to Centroid Target #1:	0.159
The Distance from Centroid Target #5 to Centroid Target #1:	0.357

SERIAL NUMBER: C6349199. __0

TARGET NUMBER: 1

FILE DATE: 01/28/2004

FILE TIME: 11:19

POINT#	X	Y
1:	-0.547	0.732
2:	-0.746	-0.192
3:	-0.505	-0.967
4:	0.212	-1.058
5:	0.337	-0.314
6:	0.084	0.306
7:	-0.251	0.212
8:	-0.074	-0.230
9:	0.209	-0.039
10:	-0.013	-0.026

X CENTROID: -0.129

Y CENTROID: -0.158

POA TO CENTROID: 0.204

HORZ SPREAD: 1.083

VERT SPREAD: 1.790

GROUP SPREAD: 1.944

MIN RADIUS: 0.091

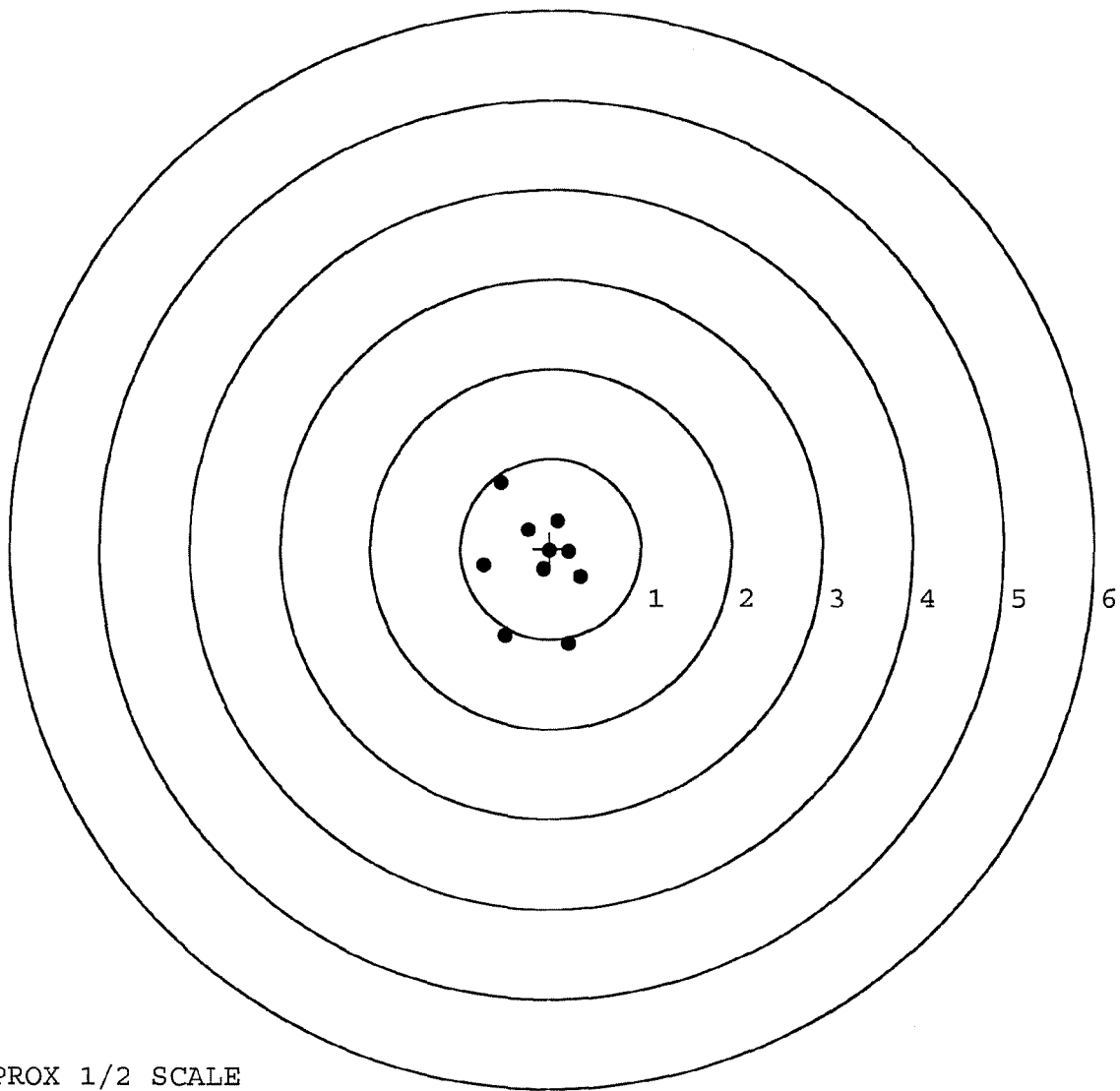
MAX RADIUS: 0.983

MEAN RADIUS: 0.547

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

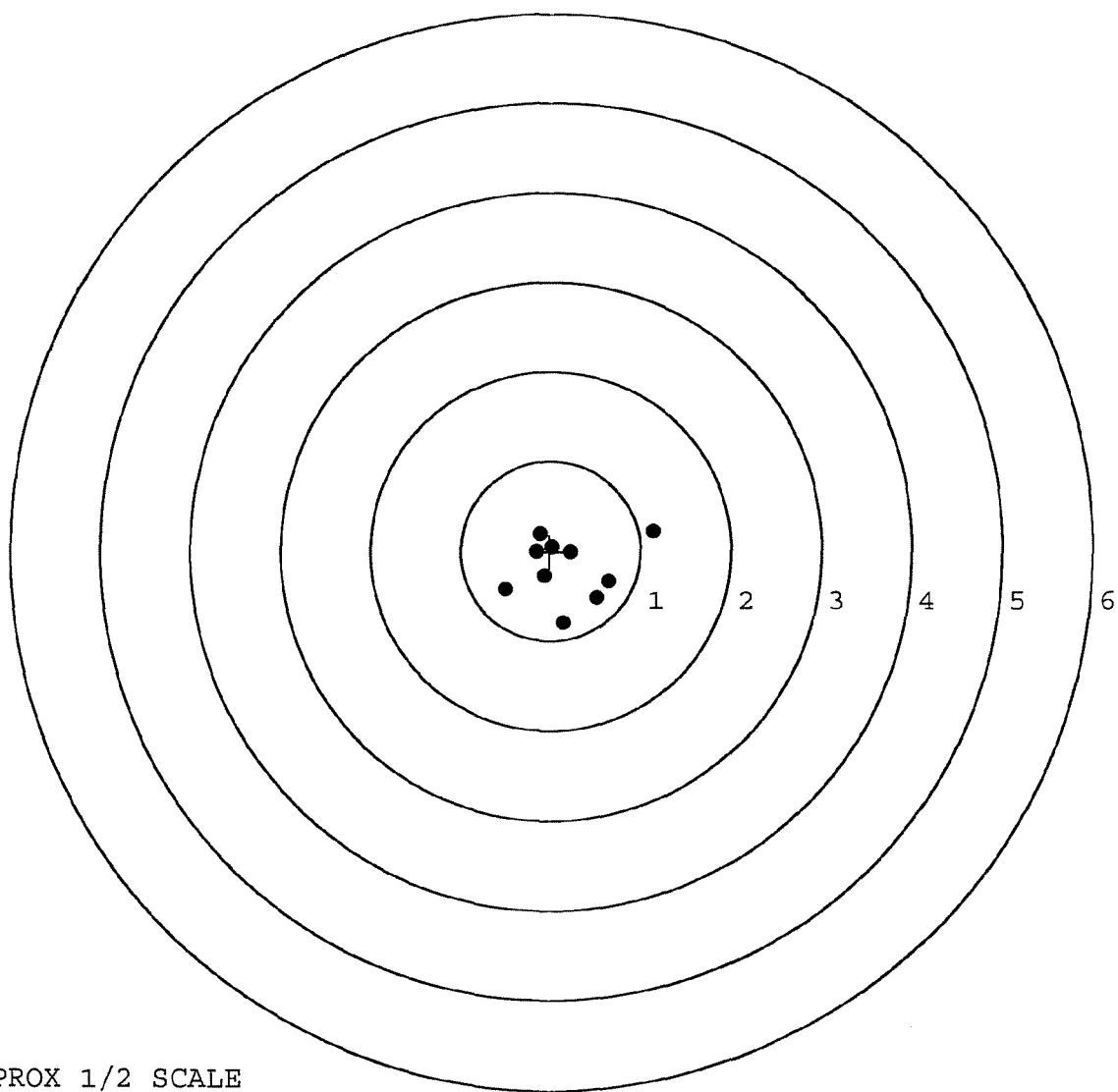
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349199. __0
TARGET NUMBER: 2
FILE DATE: 01/28/2004
FILE TIME: 11:19

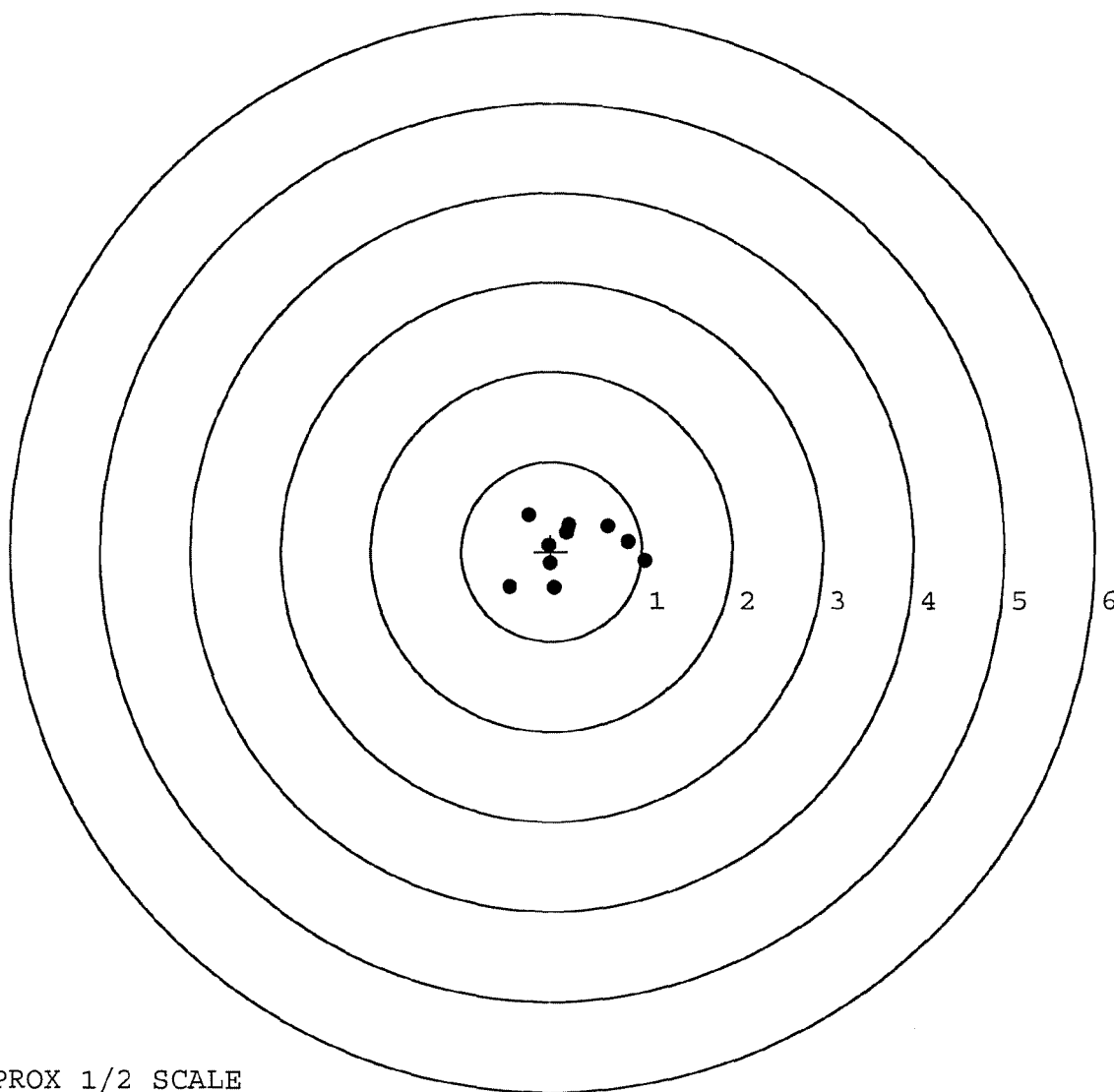
	POINT#	X	Y
	1:	1.140	0.223
	2:	0.652	-0.337
	3:	0.519	-0.523
	4:	0.151	-0.801
X CENTROID:	5:	-0.502	-0.428
Y CENTROID:	6:	-0.065	-0.279
POA TO CENTROID:	7:	0.229	-0.008
HORZ SPREAD:	8:	-0.108	0.195
VERT SPREAD:	9:	-0.152	0.006
GROUP SPREAD:	10:	0.022	0.052
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			7
# IN 2 IN DIAMETER:			9
# in 3 IN DIAMETER:			10



TARGET APPROX 1/2 SCALE

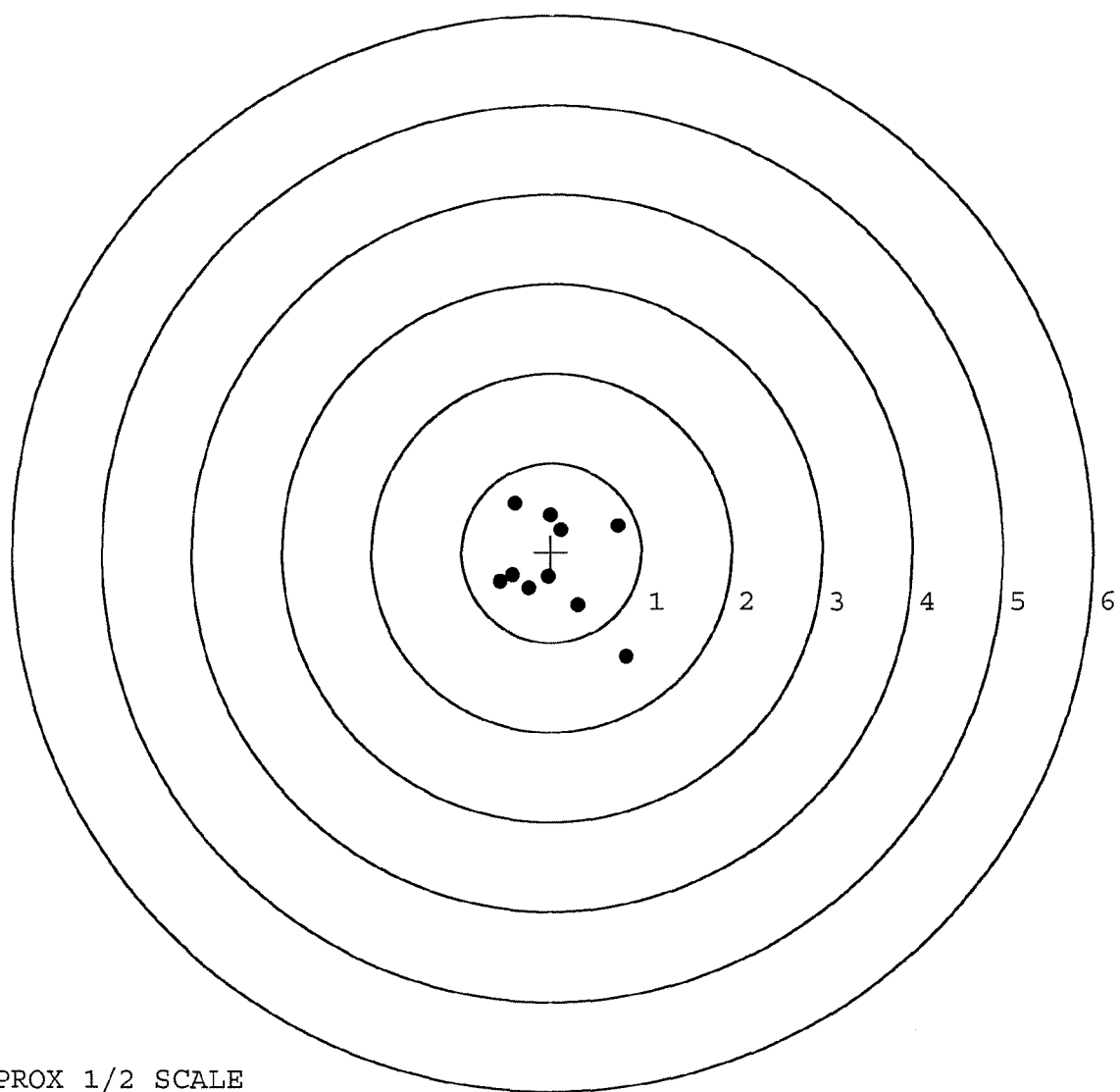
SERIAL NUMBER: C6349199. __0
TARGET NUMBER: 3
FILE DATE: 01/28/2004
FILE TIME: 11:19

	POINT#	X	Y
	1:	1.035	-0.107
	2:	0.852	0.108
	3:	0.629	0.283
	4:	0.199	0.296
	5:	-0.250	0.405
	6:	-0.463	-0.396
	7:	0.036	-0.404
	8:	-0.010	-0.129
	9:	-0.022	0.067
	10:	0.167	0.208
X CENTROID:		0.217	
Y CENTROID:		0.033	
POA TO CENTROID:		0.220	
HORZ SPREAD:		1.498	
VERT SPREAD:		0.809	
GROUP SPREAD:		1.526	
MIN RADIUS:		0.182	
MAX RADIUS:		0.830	
MEAN RADIUS:		0.479	
# IN 1 IN DIAMETER:		6	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

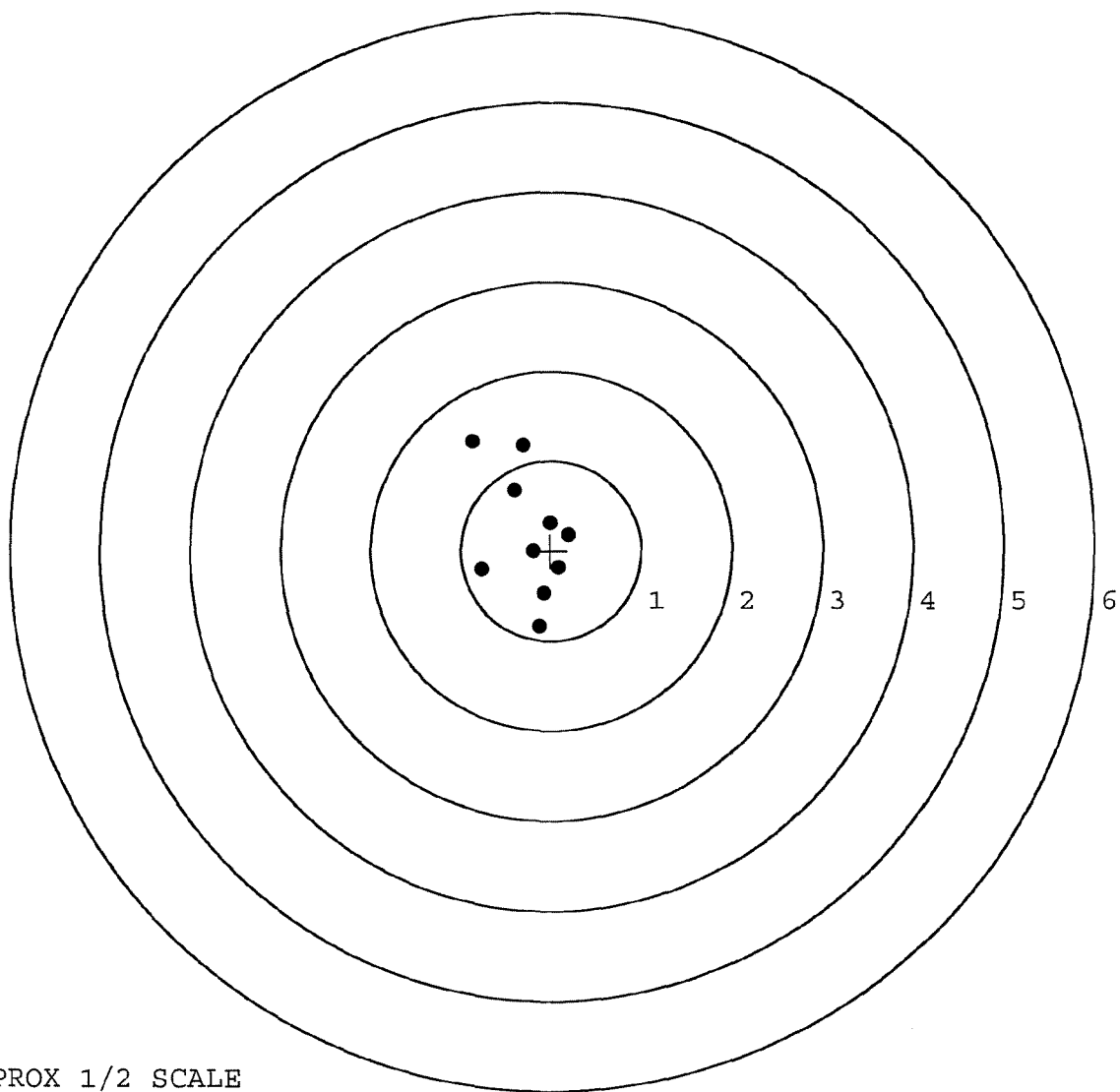
SERIAL NUMBER: C6349199. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.401	0.551
FILE DATE: 01/28/2004	2:	-0.012	0.418
FILE TIME: 11:19	3:	0.113	0.250
	4:	0.743	0.296
X CENTROID: 0.030	5:	-0.569	-0.335
Y CENTROID: -0.153	6:	-0.432	-0.266
POA TO CENTROID: 0.155	7:	-0.033	-0.275
HORZ SPREAD: 1.407	8:	-0.247	-0.404
VERT SPREAD: 1.713	9:	0.296	-0.599
GROUP SPREAD: 2.114	10:	0.838	-1.162
MIN RADIUS: 0.137			
MAX RADIUS: 1.293			
MEAN RADIUS: 0.608			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349199. __0
TARGET NUMBER: 5
FILE DATE: 01/28/2004
FILE TIME: 11:19

	POINT#	X	Y
	1:	-0.311	1.168
	2:	-0.874	1.209
	3:	-0.401	0.667
	4:	-0.772	-0.212
X CENTROID:	5:	-0.123	-0.846
Y CENTROID:	6:	-0.079	-0.476
POA TO CENTROID:	7:	0.092	-0.189
HORZ SPREAD:	8:	-0.187	-0.004
VERT SPREAD:	9:	-0.010	0.307
GROUP SPREAD:	10:	0.198	0.176
MIN RADIUS:			0.193
MAX RADIUS:			1.205
MEAN RADIUS:			0.648
# IN 1 IN DIAMETER:			3
# IN 2 IN DIAMETER:			8
# in 3 IN DIAMETER:			10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	74626		
SERIAL NUMBER	C6349199		
LOG-IN DATE	12-29-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-5-04	RTL
560 A	RE-BARREL	1-7-04	RTL
B	DRILL AND TAP	1-9-04	TRW
575	ASSEMBLE	1-8-04	RTL
600	PROOF	1-8-04	RW
605	CHECK HEADSPACE	1-8-04	RW
610	DIS-ASSEMBLE GUN	1-8-04	RW
612	MAGNAFLUX	1-13-04	RTL
615	ROLLMARK CALIBER	1-13-04	RTL
618	ROTO-BLAST	1-15-04	RTL
620	APPLY COATINGS	1-20-04	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-28-04	RTL
655	FINAL INSPECT	1-29-04	RTL
660	PACK	1-29-04	RTL
		SHIP DATE	
QAR INSPECTION DATE			

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6349199

ORDER NO.
5716

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

01



5716 C6349199

UPC



0 47700 25716 7

8

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400110061

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349199

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		LS
617	Drill and Tap Sight Holes		4/4/90	LB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TA
	Apply Coating (Bolt)			10
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/30/90	GM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4		4		4	5/1/90	RM
	G) Safety Off Force	3		3		3	5/1/90	RM
	H) Trigger Pull Test & Retainability						4/30/90	RM
	I) Firing Pin Indent	.022		.0215		.022	5/1/90	RM
	J) Assemble Stock						5/3/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						5/3/90	RW
	M) Iron Sight Alignment						5/3/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/3/90	RW
	O) Attach Scope to Rifle						5/3/90	RM
	P) Detach & Attach Scope 20 Times						5/3/90	RM
640	Gallery Target & Test						5-7-90	AC
	A) Time						5-7-90	AC
	B) Malfunctions						5-7-90	AC
	C) Pierced Primers						5-7-90	AC
	D) Optical Clarity of Scope						5-7-90	AC
645	Inspect for Live Ammo						5-7-90	AC
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.24	2.23	2.22	2.21	2.19	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6-2-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6349199

DATE 4/30/90

TESTER gll

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.23	2.37	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.36	2.27	2.23	
PULL #3	2.39	2.39	2.32	2.22	
PULL #4	2.47	2.35	2.34	2.21	
PULL #5	2.53	2.39	2.50	2.19	
TOTAL	11.91	11.72	11.80		
AVG.	2.382	2.344	2.36		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.25		
PULL #2	3.52	3.40		
PULL #3	3.45	3.39		
PULL #4	3.46	3.42		
PULL #5	3.37	3.43		
TOTAL	17.28	16.89		
AVG.	3.456	3.378		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.34		4.34
PULL #2	4.27	4.25		4.13
PULL #3	4.39	4.43		4.43
PULL #4	4.35	4.25		4.51
PULL #5	4.32	4.27		4.56
TOTAL	21.80	21.54		21.97
AVG.	4.36	4.308		4.394

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349199
7 May 1990

CENTROIDAL DISTANCES

Ø TO	1	.147922
1 TO	2	.420677
1 TO	3	.427691
1 TO	4	.808398
1 TO	5	.181959

g₁₅ 4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1296
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0966
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .161641
THE AMR FOR THIS RIFLE IS: .7418

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349185

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIP

1 in = 4

2 in = 8

3 in = 10

HE = 1.474

VS = 1.953

GS = 2.129

CENTROID *

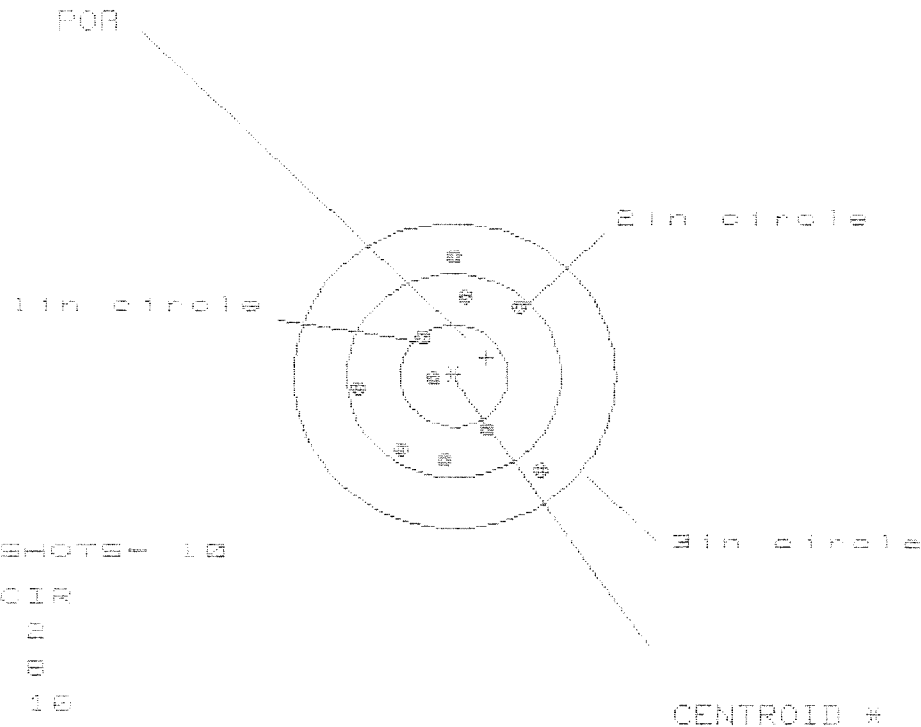
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.850	.781	.729
MINIMUM X	-.524	-.578	-.630
MAXIMUM Y	.989	.868	.761
MINIMUM Y	-.964	-.854	-.939
CENTROID X	.109	.178	.230
CENTROID Y	-.100	-.210	-.183
POA TO CENTROID in.	.148	.276	.252
MIN RADIUS	.122	.045	.151
MEAN RADIUS	.700	.641	.594
MAX RADIUS	1.170	1.043	.988
HORIZONTAL SPREAD	1.474	1.359	1.359
VERTICAL SPREAD	1.953	1.722	1.700
EXTREME SPREAD	2.129	1.871	1.871
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349:99

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HE = 1.584

VS = 2.069

GS = 2.231

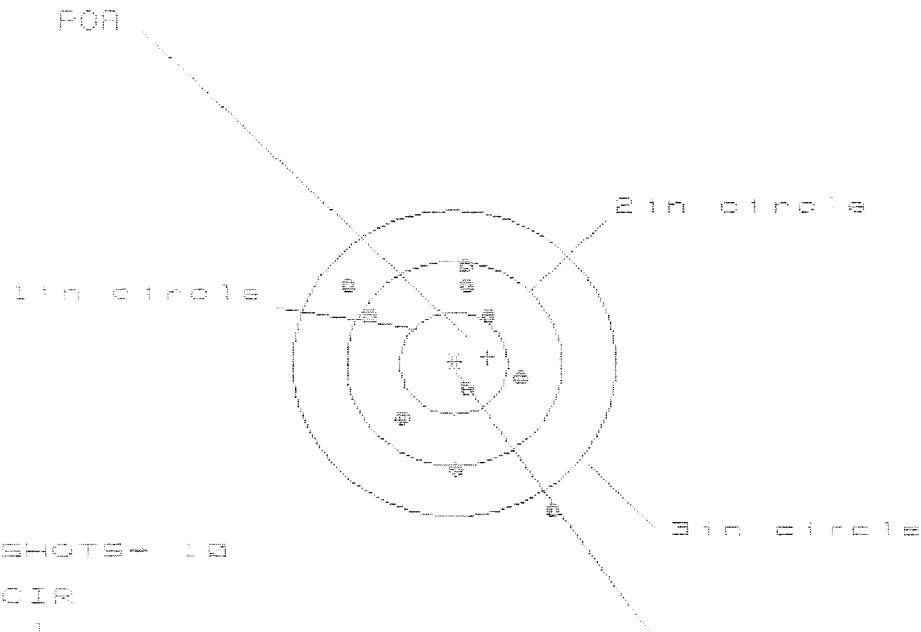
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.846	.679	.692
MINIMUM X	:	-.848	-.754	-.741
MAXIMUM Y	:	1.182	1.083	.813
MINIMUM Y	:	-.887	-.953	-.818
CENTROID X	:	-.304	-.398	-.411
CENTROID Y	:	-.188	-.081	-.216
FOR TO CENTROID in.	:	.353	.406	.454
MIN RADIUS	:	.213	.146	.117
MEAN RADIUS	:	.799	.731	.678
MAX RADIUS	:	1.226	1.089	1.027
HORIZONTAL SPREAD	:	1.694	1.433	1.433
VERTICAL SPREAD	:	2.069	2.036	1.631
EXTREME SPREAD	:	2.231	2.039	1.805
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349199

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HE = 1.874

VE = 2.412

GE = 2.869

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.908	.767	.659
MINIMUM X	-.966	-.865	-.793
MAXIMUM Y	.956	.794	.864
MINIMUM Y	-1.456	-1.184	-1.114
CENTROID X	-.317	-.418	-.310
CENTROID Y	-.062	.100	.030
FOR TO CENTROID in.	.323	.429	.311
MIN RADIUS	.272	.462	.356
MEAN RADIUS	.878	.774	.728
MAX RADIUS	1.716	1.193	1.115
HORIZONTAL SPREAD	1.874	1.632	1.452
VERTICAL SPREAD	2.412	1.978	1.978
EXTREME SPREAD	2.869	2.014	1.979
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

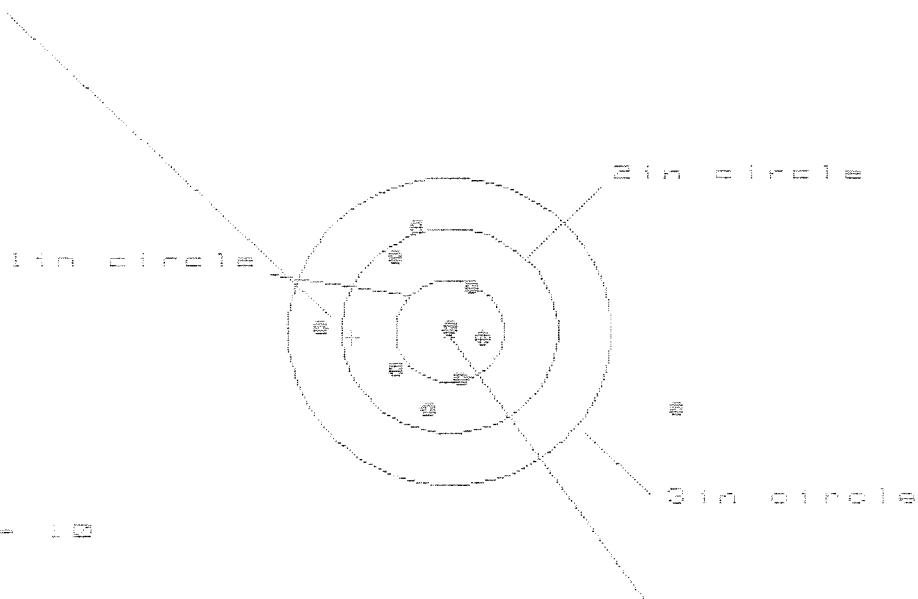
7 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349199

CENTERFIRE PATTERNS

4

FOR



OF SHOTS = 10

IN CIR

1 in = 8

2 in = 7

3 in = 8

HS = 8.878

VS = 1.836

OS = 8.888

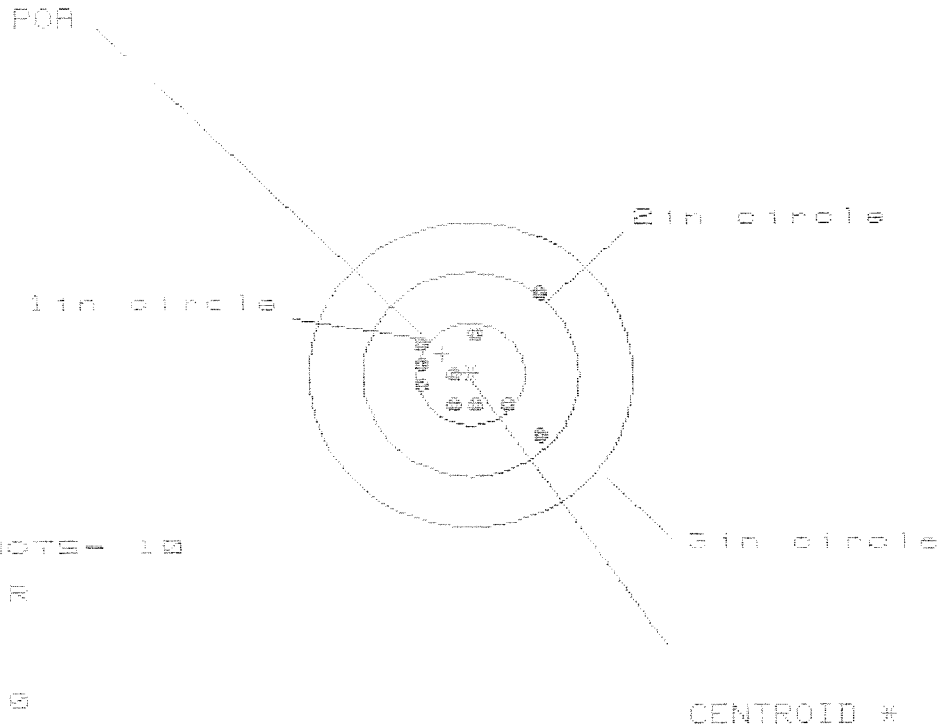
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.881	.574	.454
MINIMUM X	-1.194	-.963	-.377
MAXIMUM Y	1.879	.995	.986
MINIMUM Y	-.757	-.841	-.849
CENTROID X	.901	.670	.790
CENTROID Y	.062	.146	.155
FOR TO CENTROID in.	.903	.686	.885
MIN RADIUS	.069	.201	.085
MEAN RADIUS	.823	.673	.688
MAX RADIUS	2.214	.996	.999
HORIZONTAL SPREAD	3.275	1.537	.830
VERTICAL SPREAD	1.836	1.836	1.836
EXTREME SPREAD	3.365	1.837	1.837
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

7 May 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C8348199

CENTERFIRE PATTERNS # 5



* OF SHOTS = 10

IN CIR

1 in = 7

2 in = 9

3 in = 10

HS = 1.182

VS = 1.425

GS = 1.453

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.683	.670	.542
MINIMUM X	:	-.498	-.423	-.339
MAXIMUM Y	:	.794	.488	.420
MINIMUM Y	:	-.631	-.542	-.295
CENTROID X	:	.259	.184	.180
CENTROID Y	:	-.203	-.292	-.224
FOR TO CENTROID in.	:	.338	.345	.245
MIN RADIUS	:	.159	.155	.067
MEAN RADIUS	:	.509	.426	.352
MAX RADIUS	:	1.007	.862	.617
HORIZONTAL SPREAD	:	1.162	1.093	.881
VERTICAL SPREAD	:	1.425	1.030	.715
EXTREME SPREAD	:	1.453	1.423	1.064
NUMBER IN ONE INCH CIRCLE	=		7	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	