

C6523477

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Sinclair®

COMMENTS

R ORDER
94-18148

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

36201-5025

CUST NO: 098397 C.D.D

WRITE

PROM. DATE	ESTIMATED	VIA
		FRT

REPAIR CHARGE
EXCISE
TAX
INSURANCE
UPS
PARCEL POST
TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Trigger Assy	\$173.71
Scope Repair	119.43
Clean/Insp/Prep	<u>50.00</u>
	343.14

REPAIRMAN	PROOF	CLEAN	TEST <i>AC</i>	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

M2400028816

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523477

DATE 9-15-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.43	2.48		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.42	2.48		
PULL #3	2.58	2.45	2.51		
PULL #4	2.58	2.44	2.50		
PULL #5	2.59	2.47	2.48		
TOTAL	12.85	12.21	12.45		
AVG.	2.57	2.44	2.49		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.00		
PULL #2	3.11	3.08		
PULL #3	3.13	3.04		
PULL #4	3.07	3.12		
PULL #5	3.11	3.12		
TOTAL	15.63	15.36		
AVG.	3.12	3.07		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.00	4.01	
PULL #2	4.17	4.06	3.95	
PULL #3	4.12	4.01	3.90	
PULL #4	4.21	4.07	3.91	
PULL #5	4.19	4.04	3.85	
TOTAL	20.87	20.18	19.62	
AVG.	4.17	4.03	3.92	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C-6523477

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.5	4.5			12-2-95	DA
	G) Safety Off Force	2.5	3.0	3.2			12-2-95	DA
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.52	2.50	2.53	2.61	2.50	12-2-95	DA
	C) Function							
660	Pack							

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

MODEL 700™ H24

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

SERIAL NO.
 C6523477

ORDER NO.
 5716

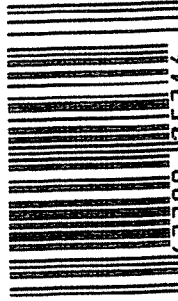
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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5716 C6523477

LPC



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M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523477

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	EL
600	Proof		10/2/90	EL
607	Check Headspace		10/2/90	EL
610	Dis-assemble Gun		10/2/90	EL
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	LS
617	Drill and Tap Sight Holes		10/8/90	FB
618	Polish Barrel <i>RB</i>		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/8/90	GH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.0	3.75	4.0			11/7/90	KS
	G) Safety Off Force	2.1/2	2.3/4	2.3/4			11/7/90	KS
	H) Trigger Pull Test & Retainability						11-8-90	JH
	I) Firing Pin Indent	.021	.020	.020			11/7/90	KS
	J) Assemble Stock						11/8/90	KS
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/8/90	KS
	M) Iron Sight Alignment						11/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/8/90	KS
	O) Attach Scope to Rifle						11/8/90	KS
	P) Detach & Attach Scope 20 Times						11/8/90	KS
640	Gallery Target & Test						11-9-90	DH
	A) Time						11-9-90	DH
	B) Malfunctions						11-9-90	DH
	C) Pierced Primers						11-9-90	DH
	D) Optical Clarity of Scope						11-9-90	DH
645	Inspect for Live Ammo						11-9-90	DH
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	252	252	254	253	253	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/14/90	RF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6523477

DATE 11-8-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.21	2.28	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.36	2.45	2.52	
PULL #3	2.46	2.47	2.38	2.54	
PULL #4	2.38	2.38	2.19	2.53	
PULL #5	2.22	2.49	2.34	2.53	
TOTAL	11.81	11.91	11.64		
AVG.	2.362	2.382	2.328		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.27		
PULL #2	3.37	3.13		
PULL #3	3.50	3.40		
PULL #4	3.20	3.50		
PULL #5	3.30	3.50		
TOTAL	16.77	16.80		
AVG.	3.354	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.32		4.31
PULL #2	4.35	4.40		4.35
PULL #3	4.46	4.23		4.44
PULL #4	4.10	4.36		4.49
PULL #5	4.36	4.51		4.39
TOTAL	21.30	21.82		21.98
AVG.	4.26	4.364		4.396

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523477
9 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.137441
1 TO	2	.272259
1 TO	3	.395349
1 TO	4	.40412
1 TO	5	.523742

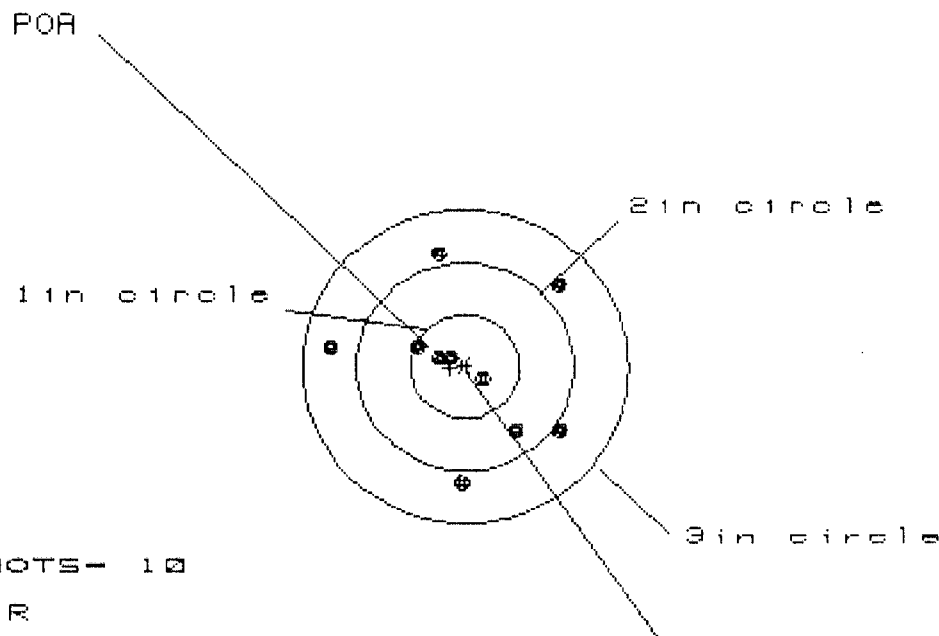
$\frac{S_2}{S_1}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0488
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2262
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231404
THE AMR FOR THIS RIFLE IS: .8542

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523477

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 10

HS= 2.120

VS= 2.169

GS= 2.285

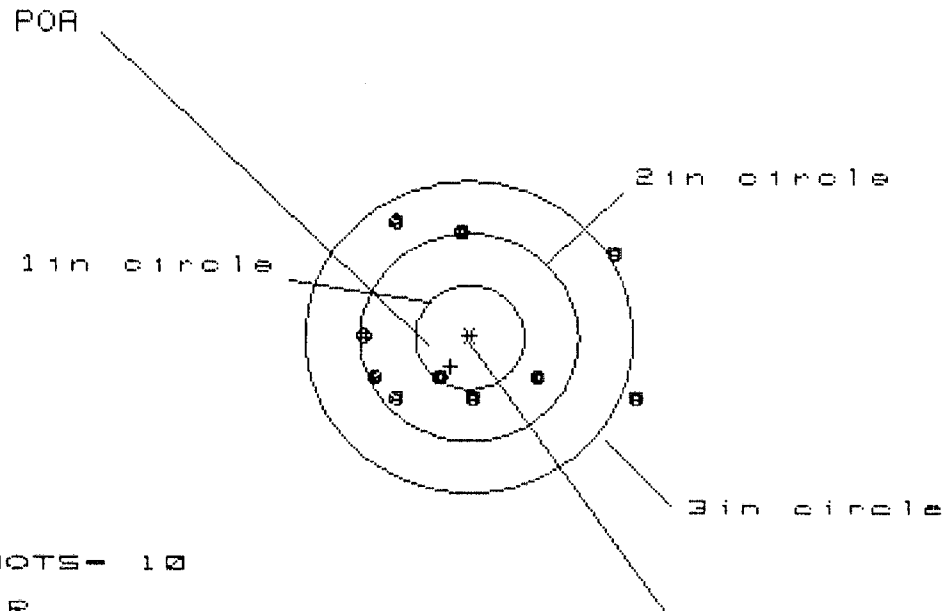
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.854	.713	.799
MINIMUM X	:	-1.266	-.557	-.471
MAXIMUM Y	:	1.079	1.104	1.204
MINIMUM Y	:	-1.090	-1.065	-.965
CENTROID X	:	.137	.278	.191
CENTROID Y	:	.011	-.014	-.114
POA TO CENTROID in.:	:	.138	.278	.223
MIN RADIUS	:	.147	.064	.141
MEAN RADIUS	:	.751	.695	.641
MAX RADIUS	:	1.285	1.181	1.249
HORIZONTAL SPREAD	:	2.120	1.270	1.270
VERTICAL SPREAD	:	2.169	2.169	2.169
EXTREME SPREAD	:	2.285	2.188	2.188
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Nov 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.486

VS = 1.720

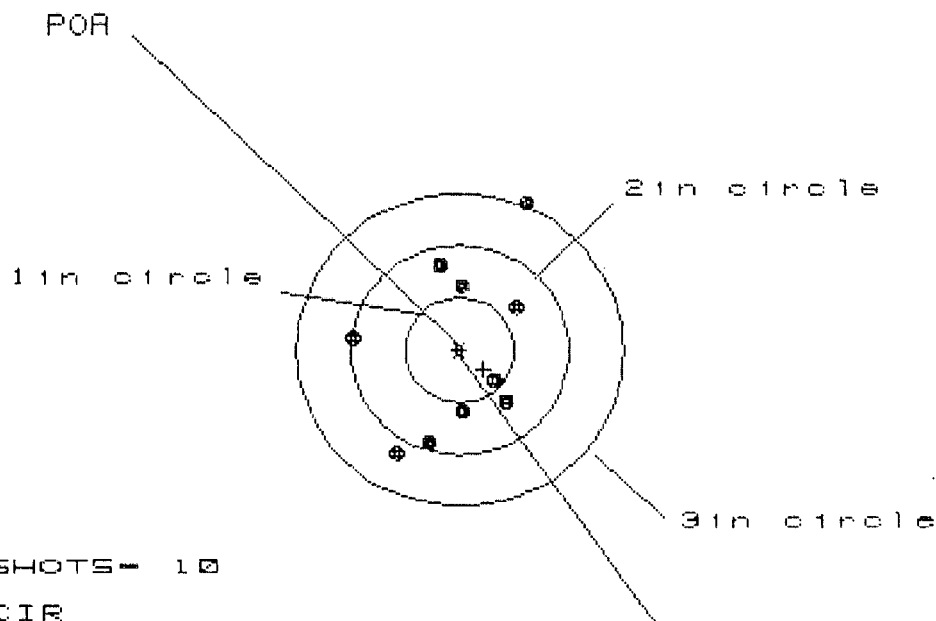
GS = 2.747

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.492	1.458	.988
MINIMUM X	:	-.994	-.828	-.646
MAXIMUM Y	:	1.103	1.037	1.125
MINIMUM Y	:	-.617	-.683	-.595
CENTROID X	:	.172	.006	-.176
CENTROID Y	:	.281	.347	.259
POA TO CENTROID in.	:	.329	.347	.313
MIN RADIUS	:	.482	.485	.400
MEAN RADIUS	:	1.015	.932	.798
MAX RADIUS	:	1.609	1.621	1.168
HORIZONTAL SPREAD	:	2.486	2.286	1.634
VERTICAL SPREAD	:	1.720	1.720	1.720
EXTREME SPREAD	:	2.747	2.435	2.009
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Nov 1990

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 1.610

VS= 2.422

GS= 2.731

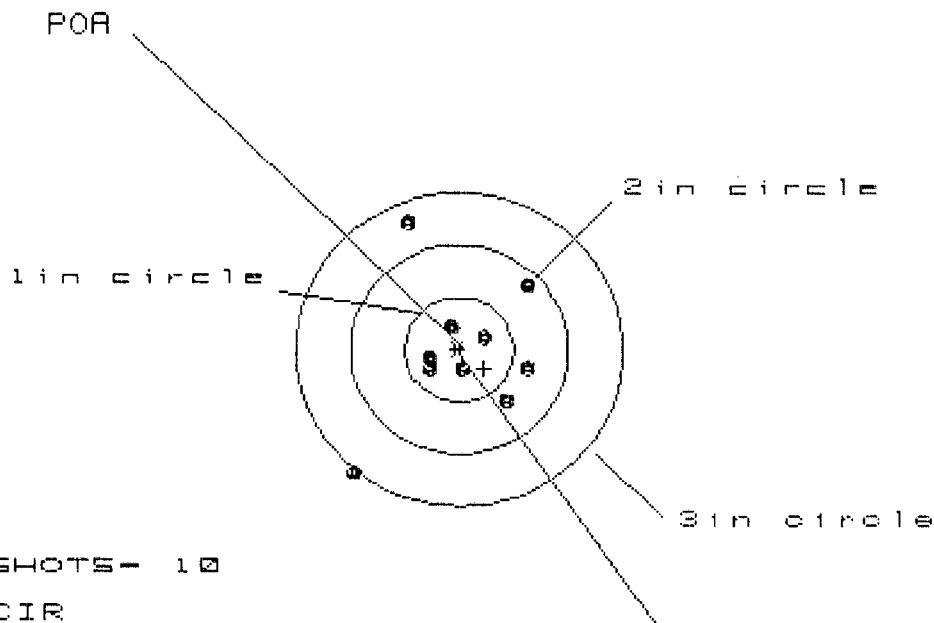
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.640	.594	.525
MINIMUM X	:	-.970	-.899	-.968
MAXIMUM Y	:	1.431	.944	.840
MINIMUM Y	:	-.991	-.832	-.835
CENTROID X	:	-.218	-.289	-.220
CENTROID Y	:	.185	.026	.130
POA TO CENTROID in.	:	.286	.290	.255
MIN RADIUS	:	.449	.443	.419
MEAN RADIUS	:	.841	.746	.705
MAX RADIUS	:	1.568	.998	.978
HORIZONTAL SPREAD	:	1.610	1.493	1.493
VERTICAL SPREAD	:	2.422	1.776	1.675
EXTREME SPREAD	:	2.731	1.832	1.678
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

9 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523477

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.613

VS= 2.368

GS= 2.420

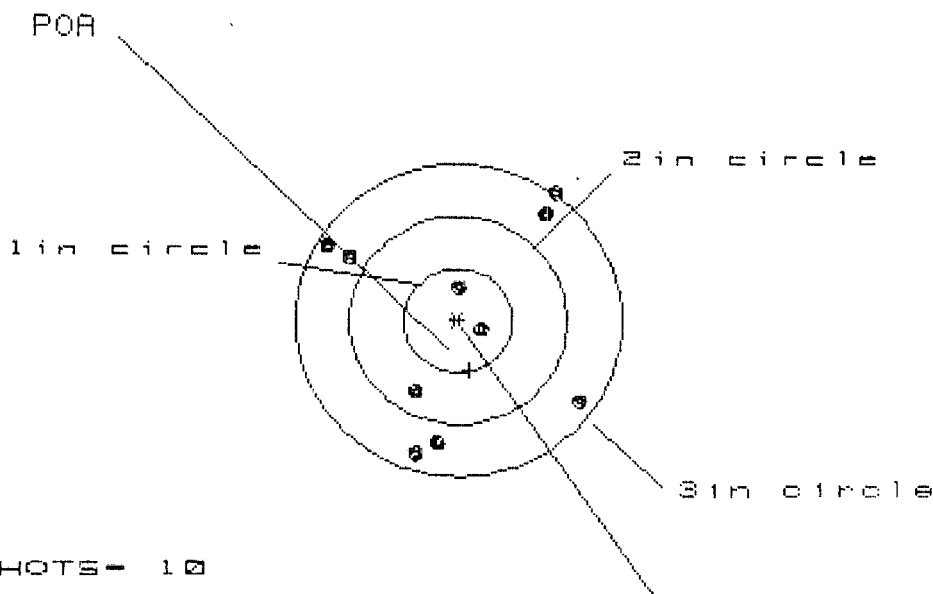
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.659	.553	.483
MINIMUM X	:	-.954	-.560	-.431
MAXIMUM Y	:	1.203	1.073	.590
MINIMUM Y	:	-1.165	-.637	-.502
CENTROID X	:	-.231	-.125	-.055
CENTROID Y	:	.178	.308	.173
POA TO CENTROID in.	:	.292	.332	.182
MIN RADIUS	:	.149	.098	.167
MEAN RADIUS	:	.617	.515	.417
MAX RADIUS	:	1.506	1.211	.762
HORIZONTAL SPREAD	:	1.613	1.113	.914
VERTICAL SPREAD	:	2.368	1.710	1.092
EXTREME SPREAD	:	2.420	1.905	1.175
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HS= 2.297

VS= 2.434

GS= 2.780

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.139	1.241	1.109
MINIMUM X	-1.158	-1.056	-.983
MAXIMUM Y	1.189	1.135	1.248
MINIMUM Y	-1.245	-1.112	-.999
CENTROID X	-.104	-.206	-.074
CENTROID Y	.476	.343	.230
POA TO CENTROID in.	.487	.401	.242
MIN RADIUS	.213	.328	.278
MEAN RADIUS	1.047	.994	.931
MAX RADIUS	1.504	1.443	1.461
HORIZONTAL SPREAD	2.297	2.297	2.092
VERTICAL SPREAD	2.434	2.247	2.247
EXTREME SPREAD	2.780	2.780	2.540
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		