

C6523373

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18386

INITIAL FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834	W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN			
DATE RECEIVED 06/11/94	DATE OPENED 06/11/94	DATE CODE	SERIAL NUMBER C6523373	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP		HARD CASE	SCOPE MNTS	SCOPE BASE	90 0456

FROM:

SHIP TO:

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

AL
36201-5025

CUST NO: 098397 C.B.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
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GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

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

ARTS	COMMENTS
* Stock	376.89
Trigger Assy	173.71
* Firing pin Assy	9.96
* Mag Spring	1.70
* Bolt Release	1.10
Scope Rep	119.43
Clean/Insp/Prep	50.00
	<u>732.79</u>
REPAIRMAN	PROOF
CLEAN	TEST
TARGET	PATTERN
GALLERY TESTER	DATE
DATE	DATE

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400026947

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523373

DATE 9-18-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.43	2.43		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.50	2.30		
PULL #3	2.33	2.51	2.42		
PULL #4	2.52	2.24	2.48		
PULL #5	2.58	2.39	2.40		
TOTAL	12.23	12.07	12.03		
AVG.	2.44	2.41	2.40		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	2.89		
PULL #2	3.09	2.93		
PULL #3	3.05	2.90		
PULL #4	3.04	3.04		
PULL #5	3.10	3.03		
TOTAL	15.36	14.79		
AVG.	3.07	2.95		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.01	4.18	
PULL #2	3.80	3.93	4.00	
PULL #3	3.90	4.03	3.88	
PULL #4	4.00	3.97	3.92	
PULL #5	3.96	3.90	3.92	
TOTAL	19.73	19.84	19.90	
AVG.	3.94	3.96	3.98	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 652 3373

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	5 ³ / ₄	5 ³ / ₄	6			"/28	WB
	G) Safety Off Force	4	3 ³ / ₄	3 ³ / ₄			WB	"/28
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.0225	.0225			"/28	WB
	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	2.49	2.26	2.14	2.16	2.36	"/28	WB
	C) Function							
660	Pack							

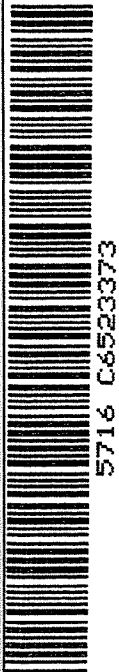
Remington  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

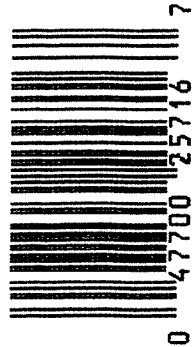
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6523373	Ø1
ORDER NO. 5716	



UPC



L 179
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523373

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	RR
	Magnaflux Bolt		9-25-90	RR
615	Rollmark Caliber		9-25-90	RR
617	Drill and Tap Sight Holes		9-25-90	RB
618	Polish Barrel RB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/16/90	RU

op. #	OP. NAME	READINGS				DATE	INIT	
65 nt.	F) Safety On Force	5	5	5		10/18/90	WB	
	G) Safety Off Force	2 1/2	2 1/2	2 1/2		10/18/90	WB	
	H) Trigger Pull Test & Retainability					10/18/90	JH	
	I) Firing Pin Indent	1.0235	1.0235	1.0235		10/18/90	WB	
	J) Assemble Stock					10/22/90	RW	
	K) Assemble Swivel Studs					11-20-90	JS	
	L) Attach Front and Rear Sight Assemblies					10/22/90	RW	
	M) Iron Sight Alignment					10/22/90	RW	
	N) Detach Front & Rear Sights & place in numbered container					10/22/90	RW	
	O) Attach Scope to Rifle					10/22/90	RW	
	P) Detach & Attach Scope 20 Times					10/22/90	RW	
640	Gallery Target & Test					10/24/90	AF	
	A) Time					"	AF	
	B) Malfunctions					"	AF	
	C) Pierced Primers					"	AF	
	D) Optical Clarity of Scope					"	AF	
645	Inspect for Live Ammo					10/24/90	AF	
655	Final Inspection							
	A) Headspace					11-20-90	JS	
	B) Trigger Pull	226	226	236	229	227	11-20-90	JS
	C) Function						11-20-90	JS
660	Pack						12-12-90	DA

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523373
DATE 10/16/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.23	2.36	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.19	2.32	2.26	
PULL #3	2.49	2.13	2.32	2.36	
PULL #4	2.32	2.22	2.26	2.29	
PULL #5	2.40	2.26	2.26	2.29	
TOTAL	12.00	11.03	11.52		
AVG.	2.4	2.206	2.304		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.44		
PULL #2	3.36	3.40		
PULL #3	3.43	3.22		
PULL #4	3.44	3.40		
PULL #5	3.49	3.28		
TOTAL	17.28	16.74		
AVG.	3.456	3.348		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.42		4.47
PULL #2	4.45	4.29		4.06
PULL #3	4.32	4.20		4.35
PULL #4	4.47	4.41		4.38
PULL #5	4.46	4.45		4.48
TOTAL	21.86	21.77		21.74
AVG.	4.372	4.354		4.348

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523373
25 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.0796304
1 TO	2	.153003
1 TO	3	.194139
1 TO	4	.307951
1 TO	5	.124579

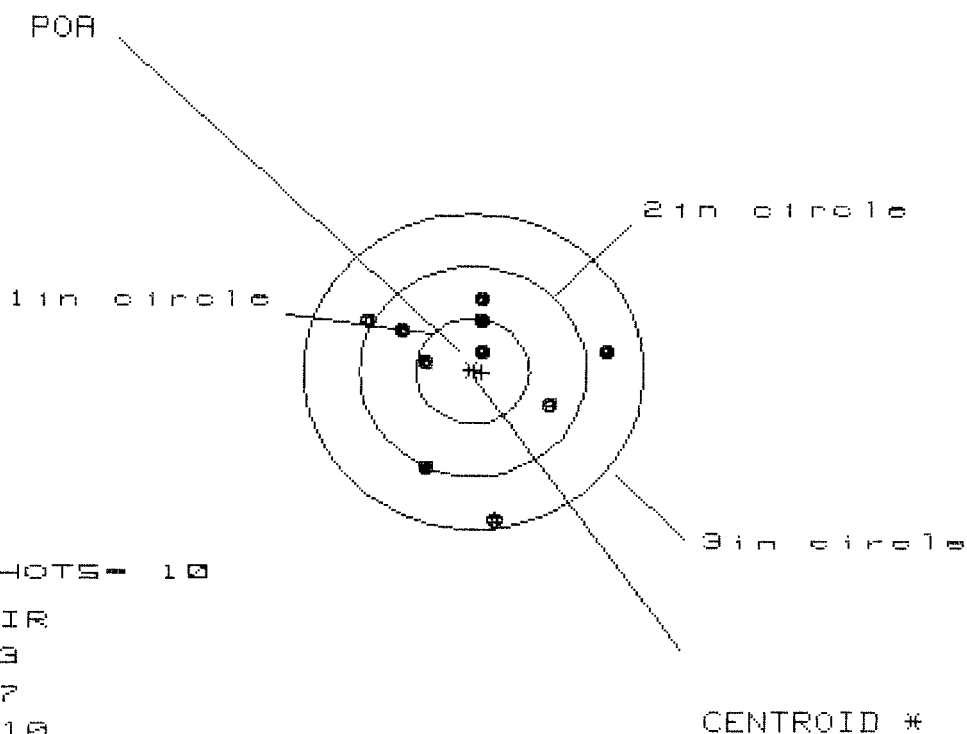
qB <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0932
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0722
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .117894
THE HMR FOR THIS RIFLE IS: .753

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523373

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 2.076

VS = 2.130

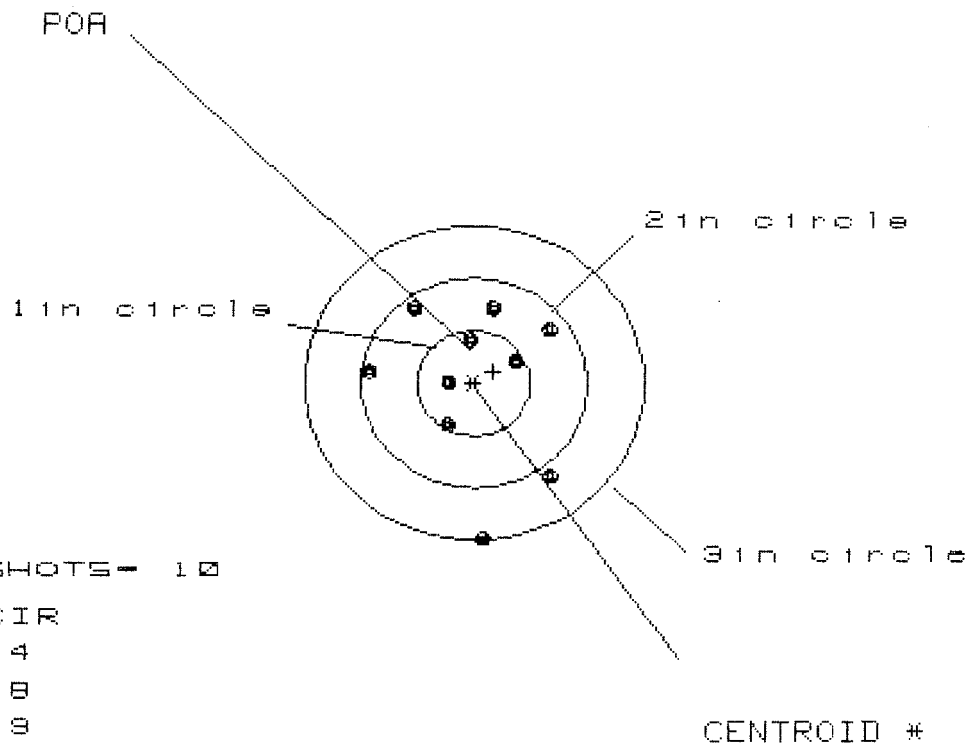
GS = 2.246

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.170	1.189	.877
MINIMUM X	:	-.906	-.887	-.738
MAXIMUM Y	:	.680	.518	.526
MINIMUM Y	:	-1.450	-1.051	-1.043
CENTROID X	:	-.079	-.098	-.247
CENTROID Y	:	.010	.172	.164
POA TO CENTROID in.	:	.080	.198	.296
MIN RADIUS	:	.213	.078	.218
MEAN RADIUS	:	.799	.679	.608
MAX RADIUS	:	1.461	1.191	1.069
HORIZONTAL SPREAD	:	2.076	2.076	1.615
VERTICAL SPREAD	:	2.130	1.569	1.569
EXTREME SPREAD	:	2.246	2.097	1.826
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	

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FILE:/PATTERNING/CENTERFIRE_PATT/06523373

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 1.558

VS= 2.273

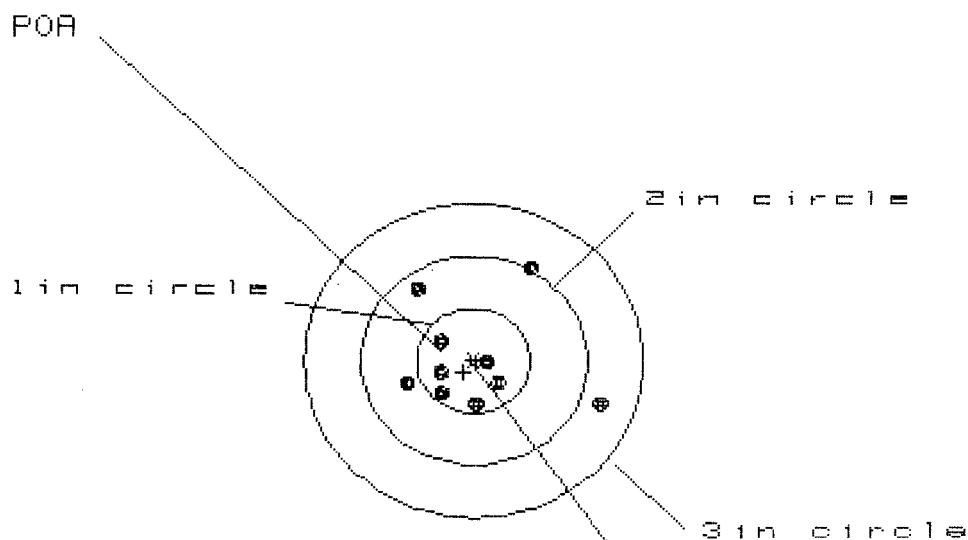
GS= 2.329

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.627	.639	.718
MINIMUM X	:	-.931	-.919	-.840
MAXIMUM Y	:	.740	.570	.439
MINIMUM Y	:	-1.533	-1.051	-.675
CENTROID X	:	-.170	-.182	-.261
CENTROID Y	:	-.113	.057	.188
POA TO CENTROID in.	:	.204	.190	.322
MIN RADIUS	:	.257	.248	.134
MEAN RADIUS	:	.755	.634	.539
MAX RADIUS	:	1.537	1.229	.865
HORIZONTAL SPREAD	:	1.558	1.558	1.558
VERTICAL SPREAD	:	2.273	1.621	1.114
EXTREME SPREAD	:	2.329	1.957	1.620
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6523373

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 6

2in = 8

3in = 10

HS= 1.675

VS= 1.373

GS= 1.928

CENTROID #

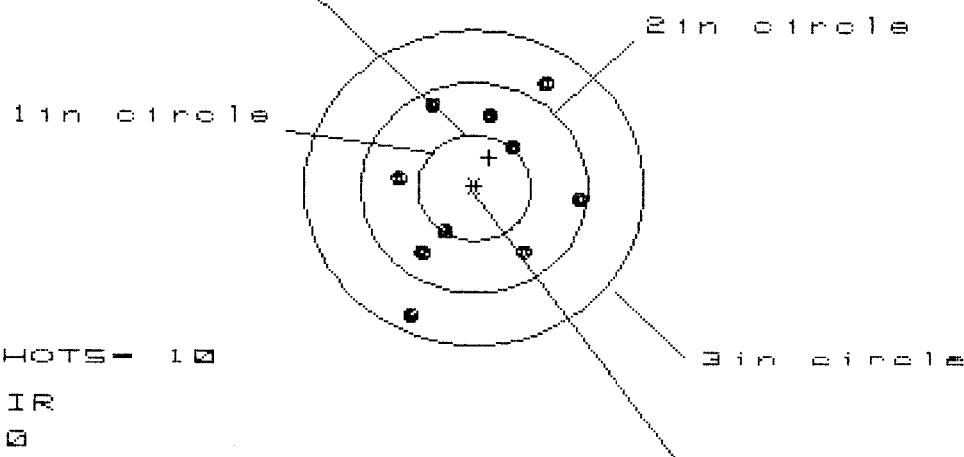
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.618	.443
MINIMUM X	:	-.608	-.489	-.412
MAXIMUM Y	:	.928	.884	.791
MINIMUM Y	:	-.445	-.489	-.378
CENTROID X	:	.088	-.031	-.108
CENTROID Y	:	.109	.153	.042
POA TO CENTROID in.	:	.140	.156	.116
MIN RADIUS	:	.158	.216	.104
MEAN RADIUS	:	.577	.507	.401
MAX RADIUS	:	1.139	1.079	.848
HORIZONTAL SPREAD	:	1.675	1.107	.855
VERTICAL SPREAD	:	1.373	1.373	1.169
EXTREME SPREAD	:	1.928	1.581	1.282
NUMBER IN ONE INCH CIRCLE =			6	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6523373

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1in = 0

2in = 8

3in = 10

HS = 1.591

VS = 2.219

GS = 2.523

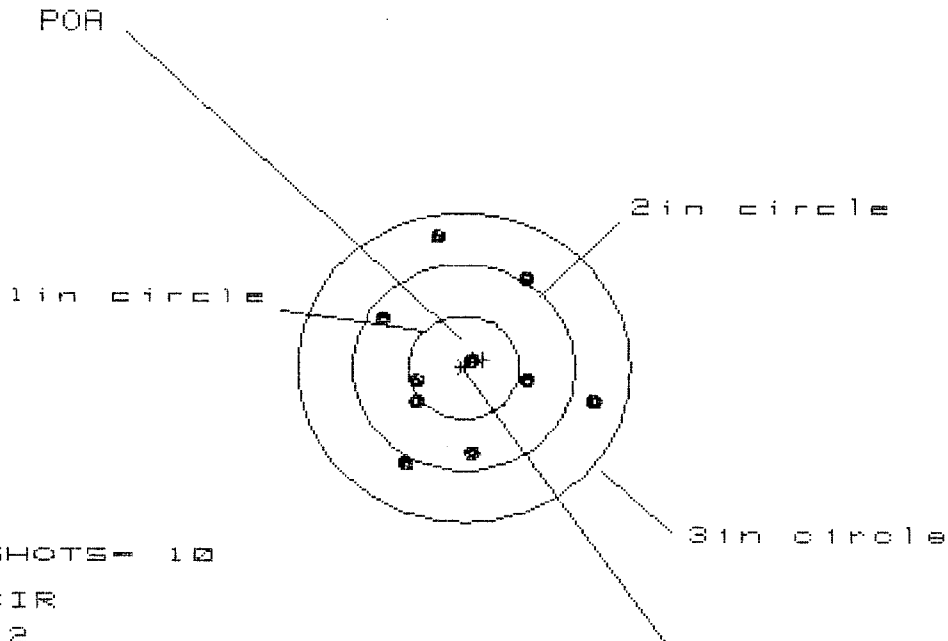
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.936	.869	.935
MINIMUM X	:	-.655	-.722	-.655
MAXIMUM Y	:	1.010	.876	.812
MINIMUM Y	:	-1.209	-.768	-.659
CENTROID X	:	-.134	-.067	-.134
CENTROID Y	:	-.293	-.159	-.268
POA TO CENTROID in.	:	.322	.172	.299
MIN RADIUS	:	.510	.363	.490
MEAN RADIUS	:	.831	.758	.722
MAX RADIUS	:	1.351	1.025	.942
HORIZONTAL SPREAD	:	1.591	1.591	1.591
VERTICAL SPREAD	:	2.219	1.644	1.471
EXTREME SPREAD	:	2.523	1.960	1.666
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523373

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 1.831

VS= 2.247

GS= 2.263

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.121	1.091	.699
MINIMUM X	:	-.710	-.740	-.604
MAXIMUM Y	:	1.274	1.009	.986
MINIMUM Y	:	-.973	-.832	-.855
CENTROID X	:	-.171	-.141	-.277
CENTROID Y	:	-.074	-.215	-.192
POA TO CENTROID in.	:	.186	.257	.337
MIN RADIUS	:	.124	.257	.278
MEAN RADIUS	:	.803	.744	.678
MAX RADIUS	:	1.301	1.144	1.195
HORIZONTAL SPREAD	:	1.831	1.831	1.303
VERTICAL SPREAD	:	2.247	1.841	1.841
EXTREME SPREAD	:	2.263	2.144	2.144
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	