

C6523537

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700™ H24

SERIAL NO.
06523537

ORDER NO.
5716

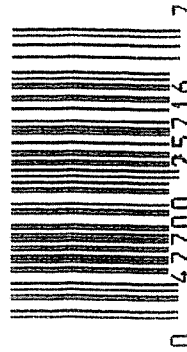
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 06523537

UPC



0 47700 25716 7

RECEIVING AND ESTIMATE REPORT

COMMENTS

ORDER

R 94-19812

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834	W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN				50.00 90-0904	
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6523537	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO		
ACCESSORIES HARD CASE		SCOPE MNTS		SCOPE BASE		SLING STRAP	

FROM:

SHIP TO:

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

AL 36201-5025

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

AL 36201-5025

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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 Rep	119.43				
Clean/Insp/Prep	50.00				
	343.14				
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00298729916

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 66523537

DATE 10/31/94

TESTER BM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.26	2.41	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.54	2.77	
PULL #3	2.62	2.36	2.69	
PULL #4	2.52	2.54	2.35	
PULL #5	2.60	2.44	2.65	
TOTAL	12.25	12.29	13.11	
AVG.	2.45	2.45	2.62	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.17	3.30	
PULL #2	3.35	3.19	
PULL #3	3.35	3.42	
PULL #4	3.42	3.25	
PULL #5	3.20	3.28	
TOTAL	16.49	16.44	
AVG.	3.29	3.28	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.25		4.51
PULL #2	4.26	4.05		4.53
PULL #3	4.24	4.19		4.23
PULL #4	4.29	4.21		4.35
PULL #5	4.13	4.22		3.92
TOTAL	21.10	20.92		21.54
AVG.	4.22	4.18		4.30

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523537

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			

BARBER - M24 0029880		READINGS					DATE	INIT
Op. #	OP. NAME							
625 cont.	F) Safety On Force	5	5	5			11/27	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/4			11/27	WB
	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	2.87	2.79	2.76	2.82	2.83	11/28	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523537

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	RB
600	Proof		8-21-90	RB
607	Check Headspace		8-21-90	RB
610	Dis-assemble Gun		8-21-90	RB
612	Magnaflux Barrel Action		8/22/90	KCK
	Magnaflux Bolt		8/22/90	KCK
615	Rollmark Caliber		8/22/90	GS
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		8-23-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/31/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	RW
	C) Inspect Ejector Hole for Chamfer		8/31/90	RW
	D) Oil Firing Pin Ass'y		8/31/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/4/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	4 $\frac{3}{4}$	4 $\frac{3}{4}$			9/6/90	WZ
	G) Safety Off Force	2 $\frac{3}{4}$	2 $\frac{3}{4}$	2 $\frac{3}{4}$			9/6/90	WZ
	H) Trigger Pull Test & Retainability						9/7/90	WZ
	I) Firing Pin Indent	.023	.023	.023			9/6/90	WZ
	J) Assemble Stock						9/7/90	RW
	K) Assemble Swivel Studs						9/9/90	JS
	L) Attach Front and Rear Sight Assemblies						9/7/90	RW
	M) Iron Sight Alignment						9/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/7/90	RW
	O) Attach Scope to Rifle						9/7/90	RW
	P) Detach & Attach Scope 20 Times						9/7/90	RW
640	Gallery Target & Test						9/7/90	VF
	A) Time						9/7/90	VF
	B) Malfunctions						9/7/90	VF
	C) Pierced Primers						9/7/90	VF
	D) Optical Clarity of Scope						9/7/90	VF
645	Inspect for Live Ammo						9/7/90	VF
655	Final Inspection							
	A) Headspace						9/9/90	JS
	B) Trigger Pull	264	254	262	260	263	9/9/90	JS
	C) Function						9/9/90	JS
660	Pack						9-18-90	JS

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

SERIAL NO. C6523537
DATE 9/4/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.56	2.39	264	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.59	2.22	254	
PULL #3	2.47	2.33	2.39	262	
PULL #4	2.54	2.44	2.42	260	
PULL #5	2.46	2.43	2.38	263	
TOTAL	12.41	12.35	11.80		
AVG.	2.48	2.47	2.36		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.10		
PULL #2	3.16	3.07		
PULL #3	3.08	3.00		
PULL #4	3.12	3.03		
PULL #5	3.12	3.00		
TOTAL	15.62	15.20		
AVG.	3.12	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.10		4.09
PULL #2	4.17	4.08		4.04
PULL #3	4.06	4.10		4.07
PULL #4	4.14	4.04		4.04
PULL #5	4.12	4.09		4.08
TOTAL	20.68	20.41		20.32
AVG.	4.13	4.08		4.06

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523537
7 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.263154
1 TO	2	.180898
1 TO	3	.112045
1 TO	4	.453045
1 TO	5	.461376

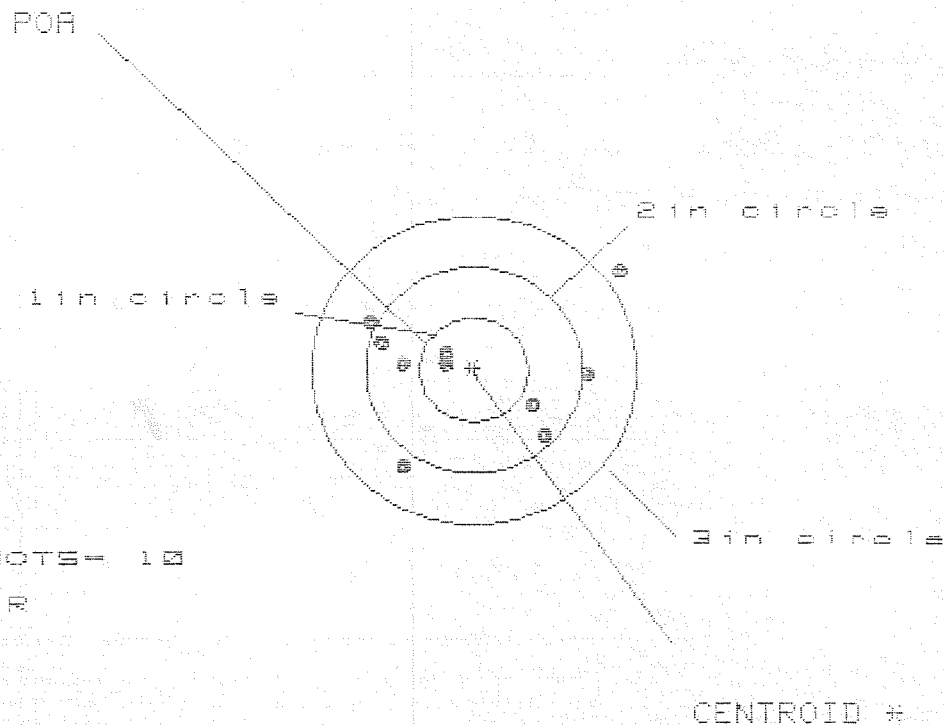
50' ←--- POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.117
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119725
THE AMR FOR THIS RIFLE IS: 1.034

7 Sep 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C8523537

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.328

VS = 1.924

GS = 2.777

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.364	1.172	1.111
MINIMUM X	-.964	-.813	-.874
MAXIMUM Y	.961	.585	.478
MINIMUM Y	-.963	-.857	-.611
CENTROID X	.255	.104	.165
CENTROID Y	-.065	-.171	-.064
POA TO CENTROID in.	.263	.200	.177
MIN RADIUS	.258	.184	.170
MEAN RADIUS	.851	.732	.688
MAX RADIUS	1.668	1.176	1.111
HORIZONTAL SPREAD	2.328	1.985	1.985
VERTICAL SPREAD	1.924	1.442	1.089
EXTREME SPREAD	2.777	2.046	2.046
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

7 Sep 1938

FILE:/PATTERNING/CENTERFIRE_PATT/08523537

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 2.977

VS = 2.564

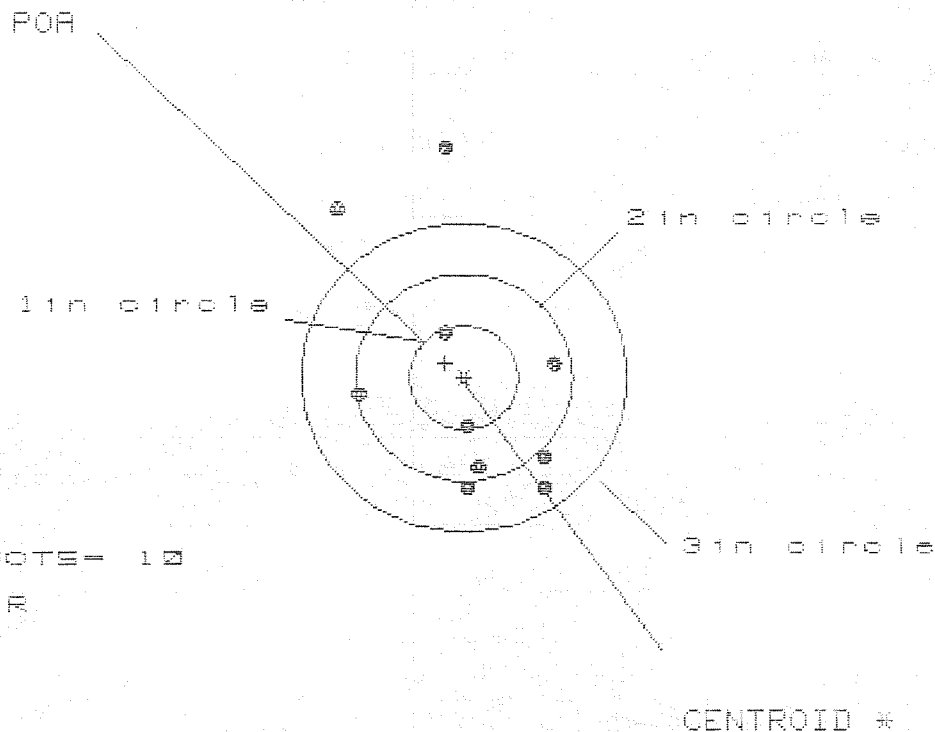
GS = 3.184

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.780	.604	.667
MINIMUM X	-1.197	-.999	-.936
MAXIMUM Y	1.200	.808	.654
MINIMUM Y	-1.364	-1.231	-.649
CENTROID X	.075	-.123	-.187
CENTROID Y	-.047	-.180	-.026
POA TO CENTROID in.	.088	.219	.188
MIN RADIUS	.101	.196	.135
MEAN RADIUS	.815	.660	.540
MAX RADIUS	2.147	1.332	.937
HORIZONTAL SPREAD	2.977	1.603	1.603
VERTICAL SPREAD	2.564	2.039	1.303
EXTREME SPREAD	3.184	2.301	1.749
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

7 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523537

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 1.949

VS = 3.284

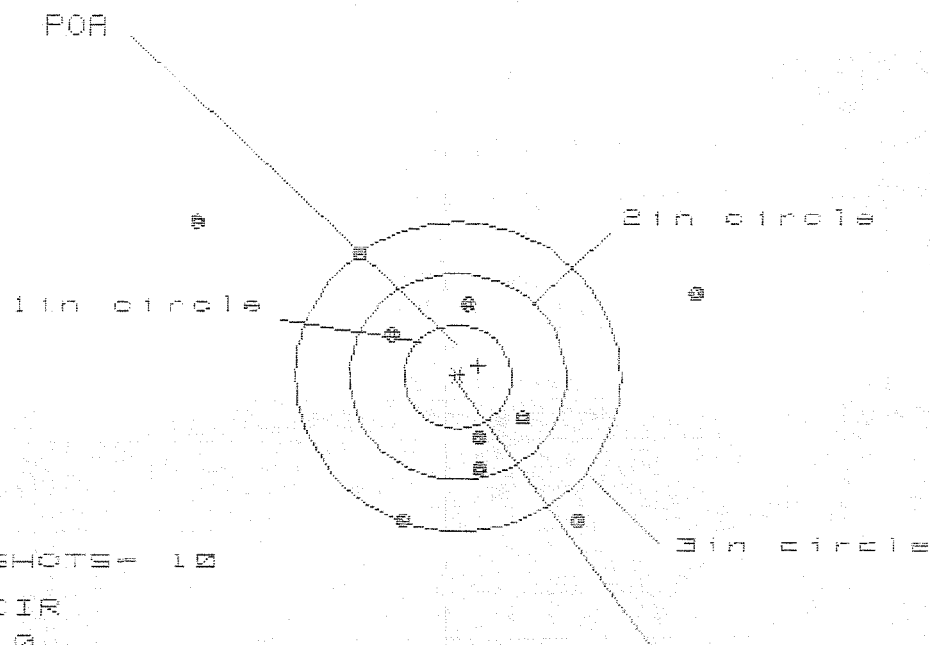
GS = 3.421

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.794	.774	.627
MINIMUM X	-1.155	-1.175	-1.106
MAXIMUM Y	2.224	1.842	.945
MINIMUM Y	-1.060	-.813	-.583
CENTROID X	.170	.190	.337
CENTROID Y	-.138	-.385	-.615
POA TO CENTROID in.	.219	.429	.702
MIN RADIUS	.473	.228	.177
MEAN RADIUS	1.124	.933	.707
MAX RADIUS	2.232	2.185	1.147
HORIZONTAL SPREAD	1.949	1.949	1.733
VERTICAL SPREAD	3.284	2.655	1.528
EXTREME SPREAD	3.421	3.279	1.924
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

7 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8323537

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 7

HS = 4.652

VS = 2.917

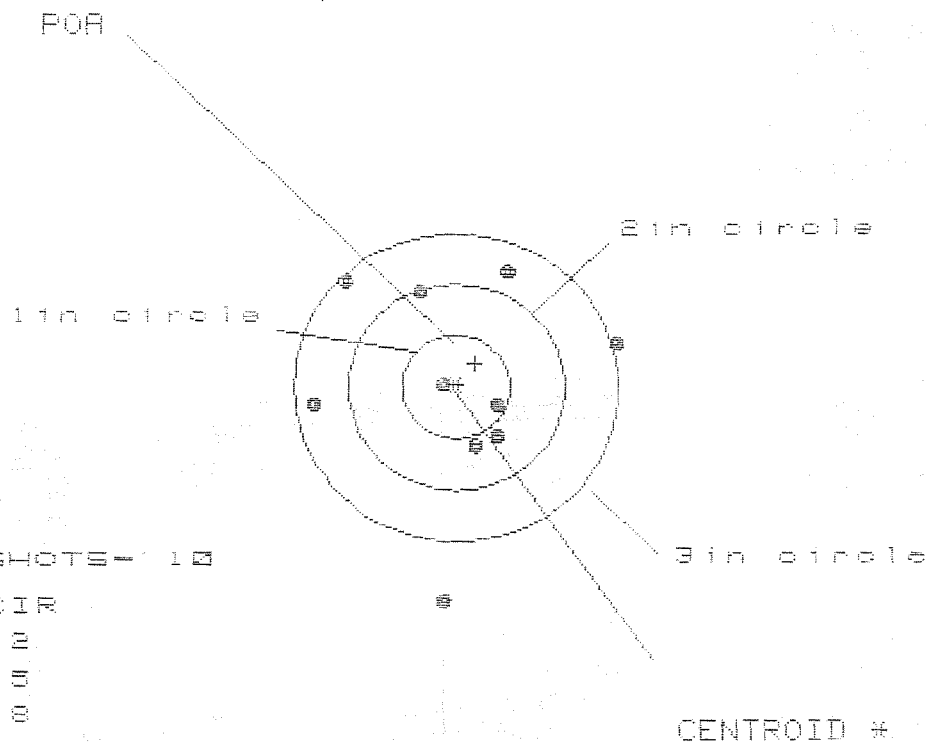
GS = 4.704

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.243	1.976	1.034
MINIMUM X	-2.409	-1.167	-0.920
MAXIMUM Y	1.546	1.370	1.498
MINIMUM Y	-1.371	-1.199	-1.072
CENTROID X	-0.196	0.071	-0.176
CENTROID Y	-0.108	-0.280	-0.408
POA TO CENTROID in.	0.224	0.289	0.444
MIN RADIUS	0.594	0.402	0.312
MEAN RADIUS	1.356	1.143	0.978
MAX RADIUS	2.862	2.224	1.758
HORIZONTAL SPREAD	4.652	3.143	1.954
VERTICAL SPREAD	2.917	2.569	2.569
EXTREME SPREAD	4.704	3.492	3.228
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	7	7	7

7 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C9523537

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 3

ME = 3.784

VS = 3.146

GS = 3.263

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.441	1.430	.666
MINIMUM X	-1.283	-1.294	-1.115
MAXIMUM Y	1.081	.851	.877
MINIMUM Y	-2.065	-.794	-.768
CENTROID X	-.177	-.166	-.345
CENTROID Y	-.227	.003	-.023
POA TO CENTROID in.	.287	.166	.345
MIN RADIUS	.112	.270	.222
MEAN RADIUS	1.022	.921	.851
MAX RADIUS	2.068	1.446	1.217
HORIZONTAL SPREAD	2.724	2.724	1.781
VERTICAL SPREAD	3.146	1.645	1.645
EXTREME SPREAD	3.263	2.796	2.188
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	