

C6523354

MODEL 700™ M24

Model **SMS**™

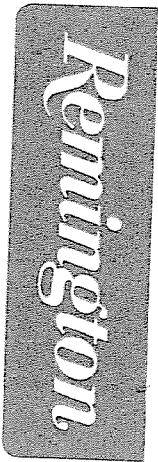
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

BARBER - M24 0026748

COMMENTS

ORDER
R 94-21335

INITIAL JJM	CUSTOMER ORDER NO.		W/LEUPOLD 10X SCOPE, DEPLOYMENT KIT				90-0724	
DATE RECEIVED 07/15/94	DATE OPENED 07/18/94	DATE CODE	SERIAL NUMBER C6523364	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62		NATO	
ACCESSORIES SCOPE MNTS			SCOPE BASE					

FROM: COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO: COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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

PARTS	COMMENTS						
+ Stock	376.84						
Trigger Assy	193.71						
X Firing Pin Assy	9.96						
X Mag Box	2.06						
X Mag follower	6.12						
X Mag Spring	1.70						
X Bolt Release	1.10						
Scope Rep	119.43						
Clean/Trsp/Rep	50.00						
	740.97						
		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 0026748

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

SERIAL NO. C6523364
DATE 9-18-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.62	2.70	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70	2.85	2.60	
PULL #3	2.55	2.74	2.55	
PULL #4	2.55	2.90	2.78	
PULL #5	2.47	2.80	2.54	
TOTAL	12.89	13.99	13.19	
AVG.	2.57	2.79	2.63	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.12	3.00	
PULL #2	3.00	3.03	
PULL #3	3.14	2.90	
PULL #4	3.09	3.00	
PULL #5	3.00	3.00	
TOTAL	15.35	14.93	
AVG.	3.07	2.98	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.00	4.20	
PULL #2	4.20	3.97	4.07	
PULL #3	4.13	4.10	4.11	
PULL #4	4.27	4.02	4.23	
PULL #5	4.08	4.02	4.13	
TOTAL	20.81	20.11	20.74	
AVG.	4.16	4.02	4.14	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523364

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	6	6	6			12/6	WB
	G) Safety Off Force	3	3 1/4	3 1/4			12/6	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.024	.0235			12/6	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	2.66	2.74	2.75	2.84	2.79	12/6	WB
	C) Function							
660	Pack							

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

MODEL 700™ M24

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

SERIAL NO.
C6523364

ORDER NO.
5716

Ø1

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



5716 C6523364

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523364

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	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	2.2.8
617	Drill and Tap Sight Holes		9-25-90	F.B
618	Polish Barrel AB		9/27/90	LOB
620	Apply Coatings (Barrel Action)		10-2-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/16/90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	5	5	5			10/16/90	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			10/16/90	WB
	H) Trigger Pull Test & Retainability						10/15/90	94
	I) Firing Pin Indent	.0215	.0215	.0215			10/16/90	WB
	J) Assemble Stock						10/16/90	RW
	K) Assemble Swivel Studs						11-20-90	928
	L) Attach Front and Rear Sight Assemblies						10/16/90	RW
	M) Iron Sight Alignment						10/16/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/90	RW
	O) Attach Scope to Rifle						10/16/90	RW
	P) Detach & Attach Scope 20 Times						10/16/90	RW
640	Gallery Target & Test						10-18-90	OH
	A) Time						"	OH
	B) Malfunctions						"	OH
	C) Pierced Primers						"	OH
	D) Optical Clarity of Scope						"	OH
645	Inspect for Live Ammo						10-18-90	OH
655	Final Inspection							
	A) Headspace						11-20-90	928
	B) Trigger Pull	241	238	237	233	220	11-20-90	928
	C) Function						11-20-90	928
660	Pack							

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C65233 64

DATE 10/15/90

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.35	2.33	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.17	2.27	2.38	
PULL #3	2.32	2.31	2.27	2.37	
PULL #4	2.34	2.27	2.30	2.33	
PULL #5	2.42	2.27	2.26	2.20	
TOTAL	11.86	11.37	11.43		
AVG.	2.372	2.274	2.286		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.37		
PULL #2	3.33	3.33		
PULL #3	3.30	3.36		
PULL #4	3.32	3.38		
PULL #5	3.35	3.38		
TOTAL	16.73	16.82		
AVG.	3.346	3.364		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.14		4.30
PULL #2	4.32	4.40		4.30
PULL #3	4.48	4.27		4.29
PULL #4	4.42	4.26		4.31
PULL #5	4.50	4.27		4.34
TOTAL	22.00	21.34		21.54
AVG.	4.4	4.268		4.308

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523364
18 Oct 1998

CENTROIDAL DISTANCES

0	TO	1	.249578
1	TO	2	.248974
1	TO	3	.585123
1	TO	4	.16477
1	TO	5	.194373

3²⁴ <----POB

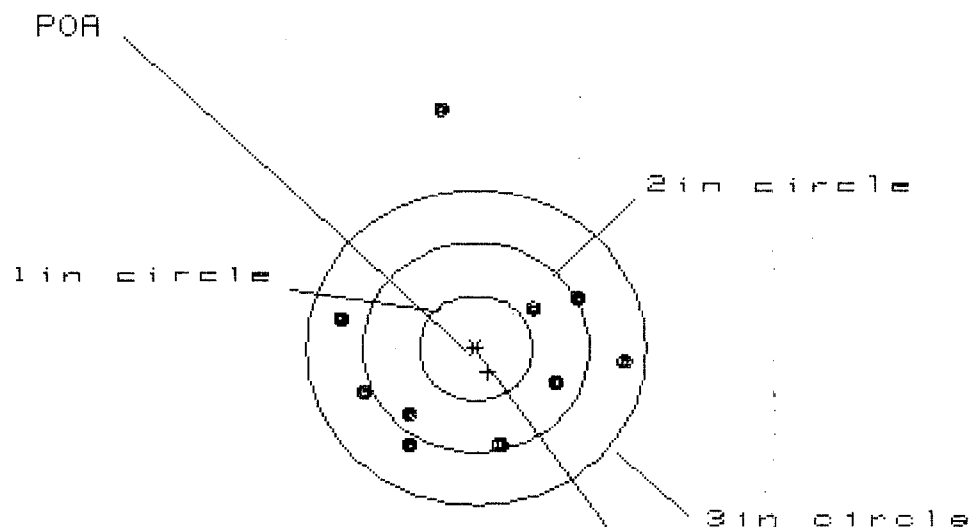
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2248
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0972
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .244914

THE AMR FOR THIS RIFLE IS: 1.216

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523364

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 4

3 in - 9

HS - 2.570

VS - 3.229

GS - 3.246

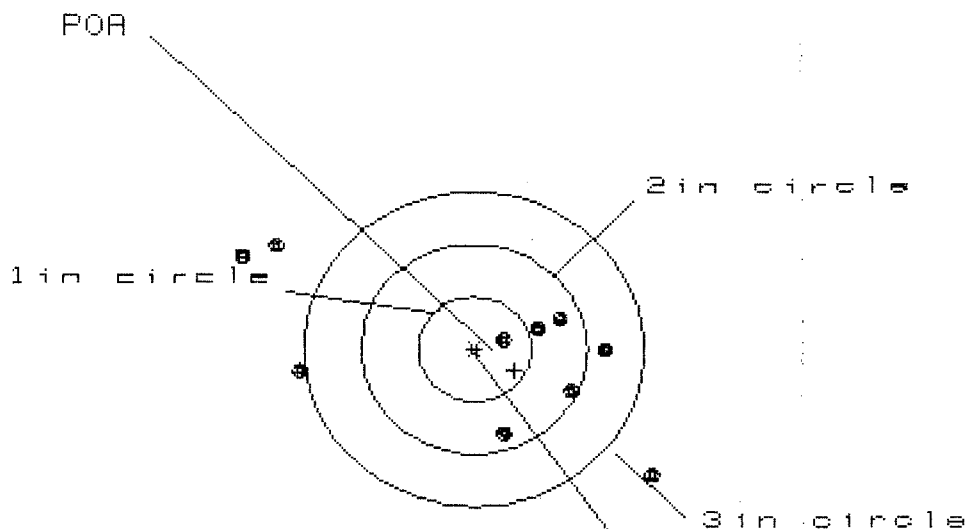
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	1.307	1.050
MINIMUM X	:	-1.226	-1.263	-1.009
MAXIMUM Y	:	2.256	.685	.702
MINIMUM Y	:	-.973	-.722	-.705
CENTROID X	:	-.108	-.071	-.285
CENTROID Y	:	.225	-.026	-.043
POA TO CENTROID in.	:	.249	.076	.289
MIN RADIUS	:	.686	.648	.582
MEAN RADIUS	:	1.138	.969	.914
MAX RADIUS	:	2.280	1.379	1.263
HORIZONTAL SPREAD	:	2.570	2.570	2.149
VERTICAL SPREAD	:	3.229	1.407	1.407
EXTREME SPREAD	:	3.246	2.604	2.153
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523364

CENTERFIRE PATTERNS

2



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 5

3 in - 6

HS - 3.625

VS = 2.220

GS = 4.229

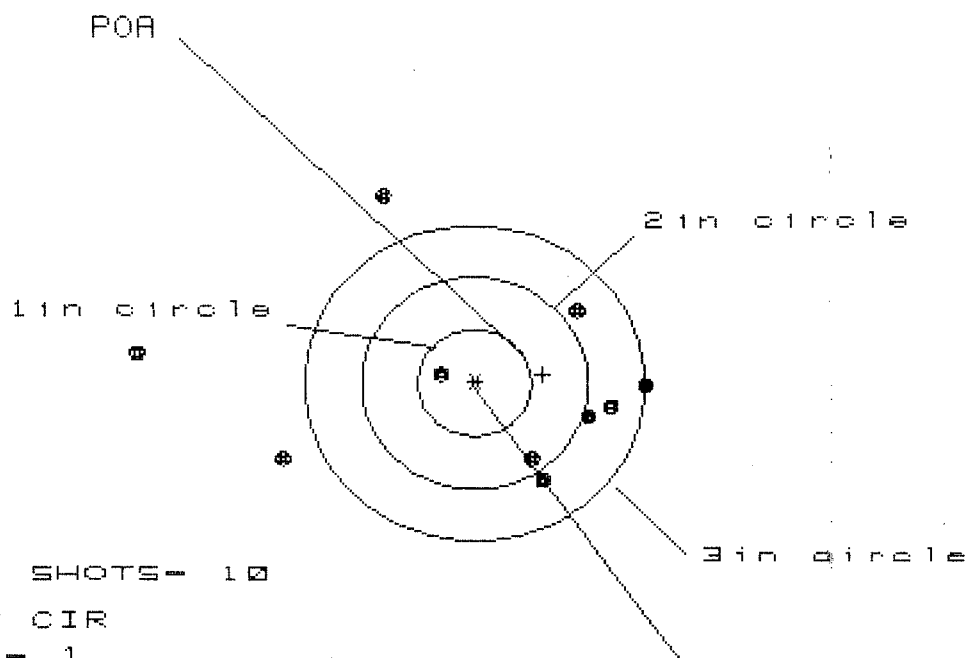
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.600	1.374	1.061
MINIMUM X	:	-2.026	-1.983	-1.811
MAXIMUM Y	:	.987	1.092	.951
MINIMUM Y	:	-1.233	-1.128	-0.884
CENTROID X	:	-.356	-.131	-.303
CENTROID Y	:	.203	.098	.289
POA TO CENTROID in.	:	.410	.164	.386
MIN RADIUS	:	.265	.185	.205
MEAN RADIUS	:	1.229	1.035	.984
MAX RADIUS	:	2.235	2.263	2.045
HORIZONTAL SPREAD	:	3.625	3.357	2.872
VERTICAL SPREAD	:	2.220	2.220	1.785
EXTREME SPREAD	:	4.229	4.025	3.081
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

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FILE:/PATTERNING/CENTERFIRE_PATT/C85233B4

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS = 4.517

VS = 2.724

GS = 4.527

CENTROID #

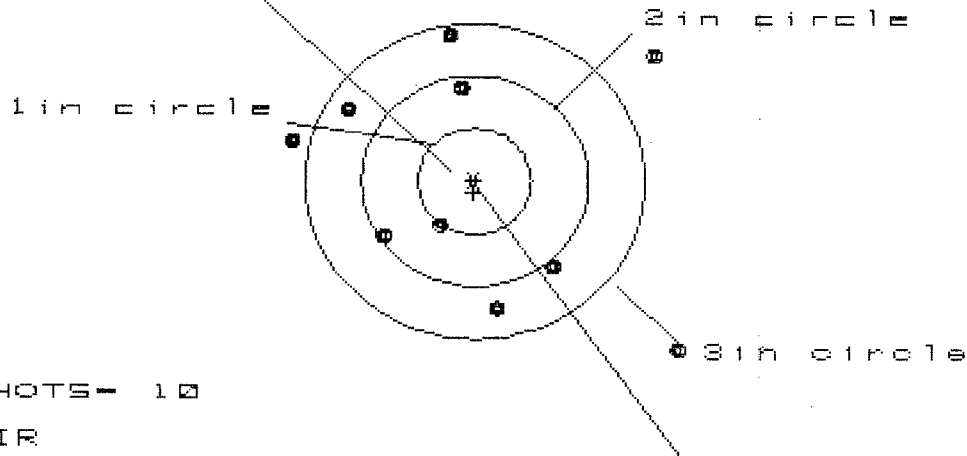
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.540	1.209	1.072
MINIMUM X	:	-2.977	-2.041	-2.178
MAXIMUM Y	:	1.817	1.849	.900
MINIMUM Y	:	-.907	-.875	-.644
CENTROID X	:	-.603	-.272	-.125
CENTROID Y	:	-.087	-.119	-.350
POR TO CENTROID in.	:	.609	.297	.375
MIN RADIUS	:	.312	.638	.466
MEAN RADIUS	:	1.399	1.137	.940
MAX RADIUS	:	2.990	2.155	2.226
HORIZONTAL SPREAD	:	4.517	3.250	3.250
VERTICAL SPREAD	:	2.724	2.724	1.544
EXTREME SPREAD	:	4.527	3.325	3.325
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

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FILE:/PATTERNING/CENTERFIRE_PATT/06523364

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 3

3 in - 7

HS- 3.391

VS= 2.920

GS= 3.939

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.780	1.739	1.152
MINIMUM X	:	-1.611	-1.413	-1.196
MAXIMUM Y	:	1.347	1.172	1.294
MINIMUM Y	:	-1.573	-1.383	-1.262
CENTROID X	:	.010	-.188	-.405
CENTROID Y	:	.110	.285	.163
POA TO CENTROID in.	:	.111	.341	.487
MIN RADIUS	:	.527	.585	.445
MEAN RADIUS	:	1.334	1.185	1.044
MAX RADIUS	:	2.375	1.992	1.456
HORIZONTAL SPREAD	:	3.391	3.152	2.348
VERTICAL SPREAD	:	2.920	2.555	2.555
EXTREME SPREAD	:	3.939	3.232	2.659
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

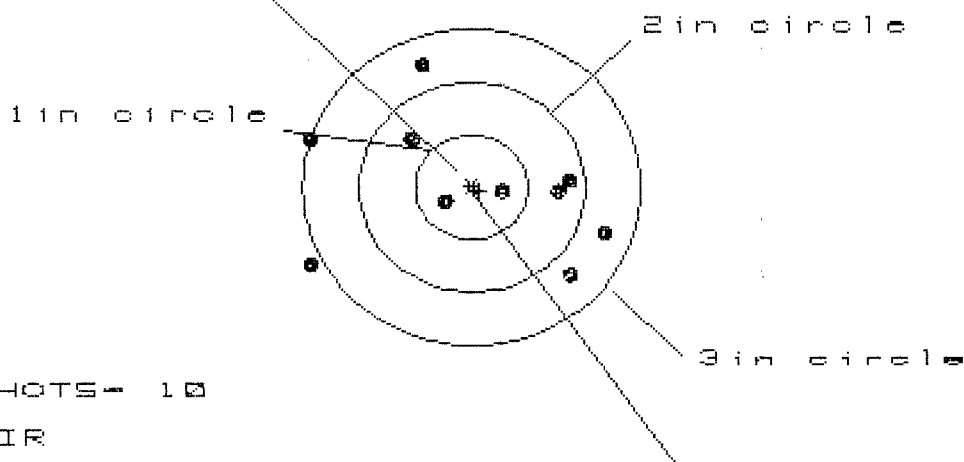
18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523364

CENTERFIRE PATTERNS

5

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.678

VS= 2.090

GS= 2.783

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.204
MINIMUM X	-1.474
MAXIMUM Y	1.208
MINIMUM Y	-.882
CENTROID X	-.067
CENTROID Y	.035
POA TO CENTROID in.	.075
MIN RADIUS	.235
MEAN RADIUS	.981
MAX RADIUS	1.648
HORIZONTAL SPREAD	2.678
VERTICAL SPREAD	2.090
EXTREME SPREAD	2.783
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8