

CE348980

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.





RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

613 - MONTHLY COST SHEETS-LOUVIERS

#5604 (1980)

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. 3 YEARS

1980 - 1983

GS-11050 Rev. 8/78

LOUVIERS #5604

(1980)

BARBER - M24-0943175 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-10963

INITIAL CUSTOMER ORDER NO.

FJB

W/10X SCOPE SNIPER W/DEPLOYMENT KIT

ATTN: FRED MARTIN *Scope # 89-0529*

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/30/95

03/31/95

EJ 10-89

C6348980

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

HARD CASE

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

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

6-27-96 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

*NEW BARREL
Stock
TRIGGER ASSY
FIRING PIN ASSY
FRONT LENS COVER
REAR LENS COVER*

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 004399843175

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348980

DATE 6-24-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.62	2.55	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.45	2.62	
PULL #3	2.47	2.53	2.48	
PULL #4	2.47	2.59	2.47	
PULL #5	2.56	2.71	2.54	
TOTAL	12.55	12.83	12.75	
AVG.	2.51	2.56	2.55	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.22	2.91	
PULL #2	3.26	2.90	
PULL #3	3.18	2.87	
PULL #4	3.28	2.92	
PULL #5	3.01	2.91	
TOTAL	15.95	14.71	
AVG.	3.19	2.94	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.25		4.14
PULL #2	4.21	4.22		4.14
PULL #3	4.33	4.37		4.21
PULL #4	4.29	4.36		4.37
PULL #5	4.37	4.20		4.02
TOTAL	21.41	21.40		20.88
AVG.	4.28	4.28		4.17

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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		6-27	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-27	REP
	C) Inspect Ejector Hole for Chamfer		6-27	REP
	D) Oil Firing Pin Ass'y		6-27	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0043139 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7.5	9	8			6-27	REP
	G) Safety Off Force	4	4	4			6-27	REP
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.025	.024	.024			6-27	REP
	J) Assemble Stock						6-27	REP
	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						6-27	REP
	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	2.86	2.80	2.83	2.75	2.68	7-14	SF
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348980
2 Jan 1900

CENTROIDAL DISTANCES

0 TO 1	.423383
1 TO 2	.27425
1 TO 3	.587151
1 TO 4	.525278
1 TO 5	.421318

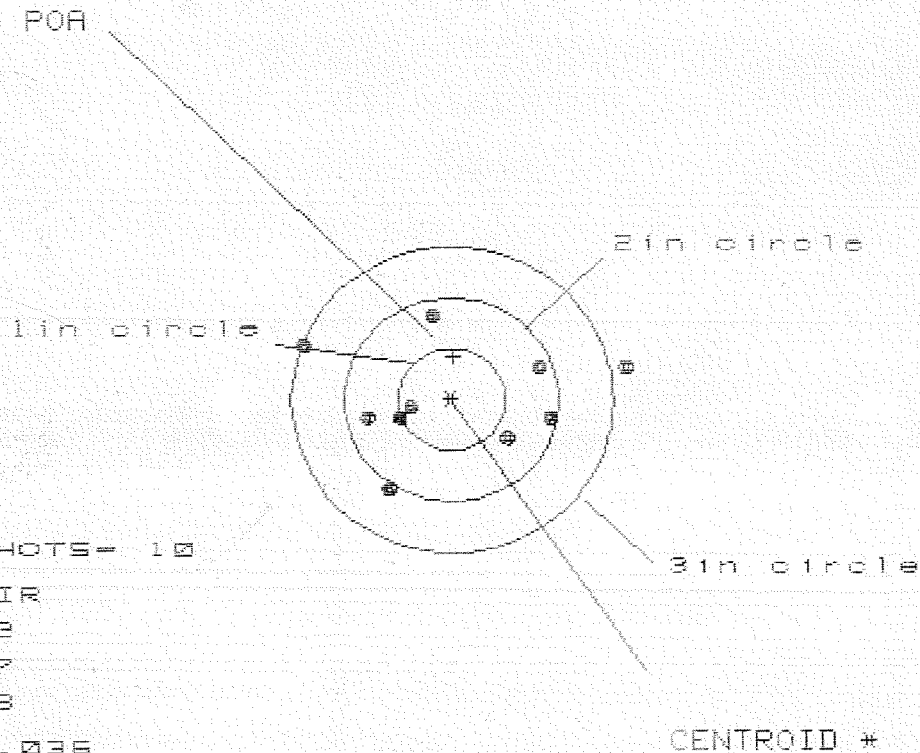
453 <----POA
12

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0898
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .152616
THE AMR FOR THIS RIFLE IS: .9886

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG34B9B0

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 3.036

VS = 1.793

GS = 3.042

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.622	1.075	.921
MINIMUM X	-1.414	-1.234	-.786
MAXIMUM Y	.869	.904	.972
MINIMUM Y	-.924	-.889	-.821
CENTROID X	-.018	-.198	-.044
CENTROID Y	-.423	-.458	-.526
POA TO CENTROID in.	.423	.499	.528
MIN RADIUS	.398	.217	.355
MEAN RADIUS	.920	.885	.744
MAX RADIUS	1.652	1.348	.992
HORIZONTAL SPREAD	3.036	2.309	1.707
VERTICAL SPREAD	1.793	1.793	1.793
EXTREME SPREAD	3.042	2.415	1.844
NUMBER IN ONE INCH CIRCLE =	2		

1 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C834B980

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 1.956

VS = 2.701

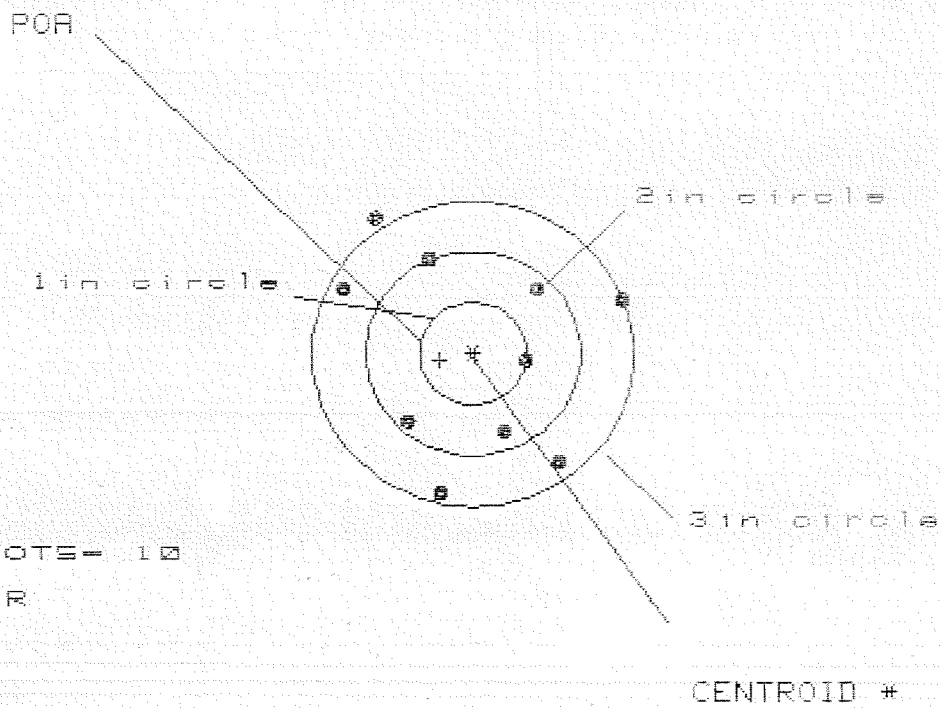
GS = 2.906

PATTERN #	:	2	3	4
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.316	.586	.571
MINIMUM X	:	-.640	-.494	-.509
MAXIMUM Y	:	1.433	1.322	.802
MINIMUM Y	:	-1.268	-1.379	-1.214
CENTROID X	:	.240	.094	.109
CENTROID Y	:	-.330	-.218	-.383
POA TO CENTROID in.	:	.408	.237	.398
MIN RADIUS	:	.271	.245	.130
MEAN RADIUS	:	.935	.816	.757
MAX RADIUS	:	1.657	1.381	1.215
HORIZONTAL SPREAD	:	1.956	1.080	1.080
VERTICAL SPREAD	:	2.701	2.701	2.016
EXTREME SPREAD	:	2.906	2.707	2.090
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C63463B0

CENTERFIRE PATTERNS # 3



HS= 2.599

VS= 2.657

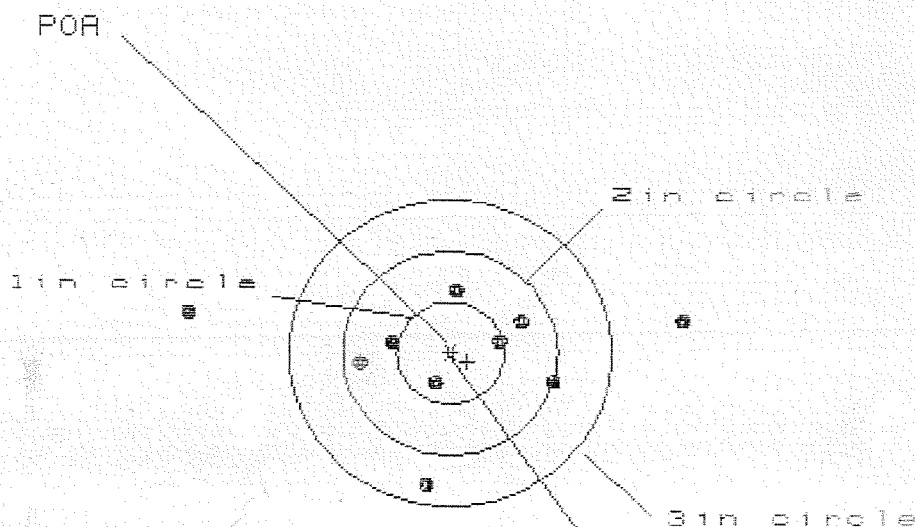
GS= 2.892

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.361	1.282	.844
MINIMUM X	:	-1.213	-1.317	-1.157
MAXIMUM Y	:	1.090	1.034	1.118
MINIMUM Y	:	-1.367	-1.224	-1.140
CENTROID X	:	.307	.406	.246
CENTROID Y	:	.066	-.077	-.161
POA TO CENTROID in.	:	.314	.413	.294
MIN RADIUS	:	.498	.393	.566
MEAN RADIUS	:	1.115	1.040	.987
MAX RADIUS	:	1.570	1.506	1.415
HORIZONTAL SPREAD	:	2.599	2.599	2.001
VERTICAL SPREAD	:	2.657	2.258	2.258
EXTREME SPREAD	:	2.892	2.600	2.596
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

1 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C634B960

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 4.583

VS = 1.908

GS = 4.584

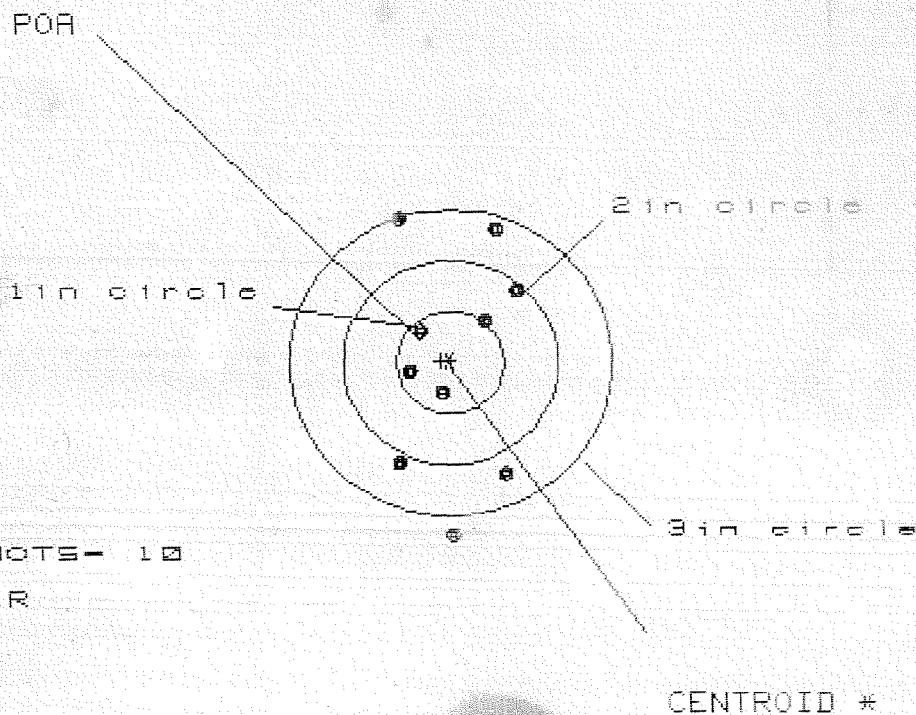
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.117	1.842	.896
MINIMUM X	-2.486	-1.101	-.870
MAXIMUM Y	.611	.657	.701
MINIMUM Y	-1.297	-1.251	-1.206
CENTROID X	-.159	.115	-.116
CENTROID Y	.083	.037	-.007
POA TO CENTROID in.	.180	.121	.116
MIN RADIUS	.313	.262	.278
MEAN RADIUS	1.040	.868	.723
MAX RADIUS	2.501	1.877	1.230
HORIZONTAL SPREAD	4.583	2.943	1.766
VERTICAL SPREAD	1.908	1.908	1.908
EXTREME SPREAD	4.584	2.968	1.929
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	8	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348380

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 1.068

VS= 3.075

GS= 3.117

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	4	5	8
MAXIMUM X	:	.573	.574	.513
MINIMUM X	:	-.493	-.494	-.555
MAXIMUM Y	:	1.392	1.205	1.285
MINIMUM Y	:	-1.683	-1.283	-1.133
CENTROID X	:	.079	.078	.139
CENTROID Y	:	-.013	.174	.024
POA TO CENTROID in.	:	.080	.191	.141
MIN RADIUS	:	.333	.292	.392
MEAN RADIUS	:	.933	.836	.777
MAX RADIUS	:	1.683	1.371	1.323
HORIZONTAL SPREAD	:	1.068	1.068	1.068
VERTICAL SPREAD	:	3.075	2.488	2.418
EXTREME SPREAD	:	3.117	2.672	2.444
NUMBER IN ONE INCH CIRCLE	=	4	5	8
NUMBER IN TWO INCH CIRCLE	=	5	5	8
NUMBER IN THREE INCH CIRCLE	=	9	9	8

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

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

MODEL 700™ H24

SERIAL NO.
06348980

ORDER NO.
5716

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

01

5716 06348980

UPC
0 47700 25716 7

GUN SERIAL # C6348980

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		SL
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/1/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/12/89	SL

BARBER - M24 0043148							
op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	10/30/89	gll	
	G) Safety Off Force	3	3	3	10/30/89	gll	
	H) Trigger Pull Test & Retainability				2/6/89	gll	
	I) Firing Pin Indent	.0215	.0215	.0215	10/30/89	gll	
	J) Assemble Stock				10/31/89	RW	
	K) Assemble Swivel Studs				10/31/89	gll	
	L) Attach Front and Rear Sight Assemblies				10/31/89	RW	
	M) Iron Sight Alignment				10/31/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				10/31/89	RW	
	O) Attach Scope to Rifle				10/31/89	gll	
	P) Detach & Attach Scope 20 Times				10/31/89	gll	
640	Gallery Target & Test				11-1-89	DH	
	A) Time				11-1-89	DH	
	B) Malfunctions				11-1-89	DH	
	C) Pierced Primers				11-1-89	DH	
	D) Optical Clarity of Scope				11-1-89	DH	
645	Inspect for Live Ammo				11-1-89	DH	
655	Final Inspection				6/16/89	gll	
	A) Headspace				6/16/89	gll	
	B) Trigger Pull	262	250	248	263	260	6/16/89
	C) Function				6/16/89	gll	
660	Pack				15/10/89	gll	

TIME

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

SERIAL NO. C6348980

DATE 13 MAR 90

TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	231	239	226	MIN. SETTING,
PULL #2	208	241	220	NO AVG. OF 5
PULL #3	229	241	229	READINGS ACCEPT-
PULL #4	234	244	217	ABLE LESS THAN 2#
PULL #5	242	265	223	
TOTAL	1144	1242		
AVG.	2288	2484		

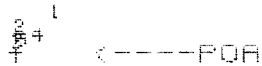
	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	338	314	
PULL #2	324	324	
PULL #3	322	317	
PULL #4	334	304	
PULL #5	319	295	
TOTAL	1637	1554	
AVG.	3274	3108	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	392	355		
PULL #2	385	359		
PULL #3	377	358		
PULL #4	381	376		
PULL #5	355	375		
TOTAL	1890	1823		
AVG.	378	3646		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348980
1 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	1.0727
1 TO	2	.694001
1 TO	3	.867591
1 TO	4	.511004
1 TO	5	.802408



 L
 ←----POA

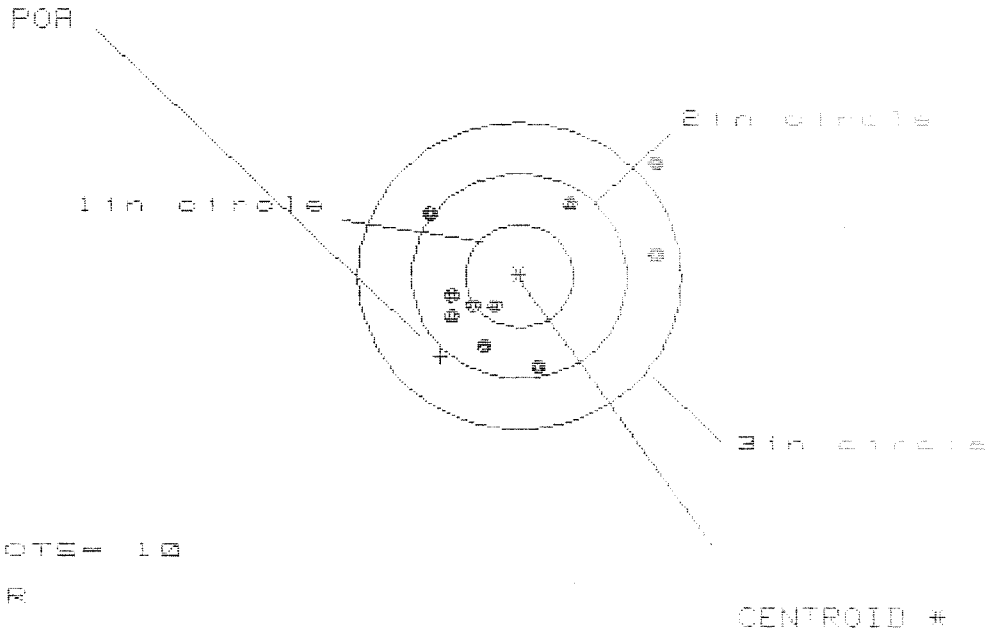
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2808
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4412
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .522978

 THE AMR FOR THIS RIFLE IS: .8626

1 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06948380

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.158

VS = 2.007

GS = 2.474

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.288	1.483	.781
MINIMUM X	-.870	-.727	-.552
MAXIMUM Y	1.145	.886	.852
MINIMUM Y	-.862	-.734	-.688
CENTROID X	.730	.587	.412
CENTROID Y	.786	.658	.612
FOR TO CENTROID in.	1.073	.882	.738
MIN RADIUS	.396	.206	.124
MEAN RADIUS	.877	.709	.545
MAX RADIUS	1.723	1.451	1.156
HORIZONTAL SPREAD	2.158	2.130	1.333
VERTICAL SPREAD	2.007	1.540	1.540
EXTREME SPREAD	2.474	2.156	1.750
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

1 Nov 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08348980

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.405

VS = 2.365

GS = 2.584

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.738	.664	.478
MINIMUM X	-.667	-.517	-.434
MAXIMUM Y	1.059	.914	1.004
MINIMUM Y	-1.306	-.997	-.907
CENTROID X	.089	.163	.080
CENTROID Y	.520	.665	.575
POA TO CENTROID in.	.527	.685	.581
MIN RADIUS	.316	.208	.260
MEAN RADIUS	.772	.660	.625
MAX RADIUS	1.466	1.123	1.072
HORIZONTAL SPREAD	1.405	1.181	.912
VERTICAL SPREAD	2.365	1.911	1.911
EXTREME SPREAD	2.584	2.082	2.076
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

1 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06346380

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 1.279

VS = 2.530

GS = 2.531

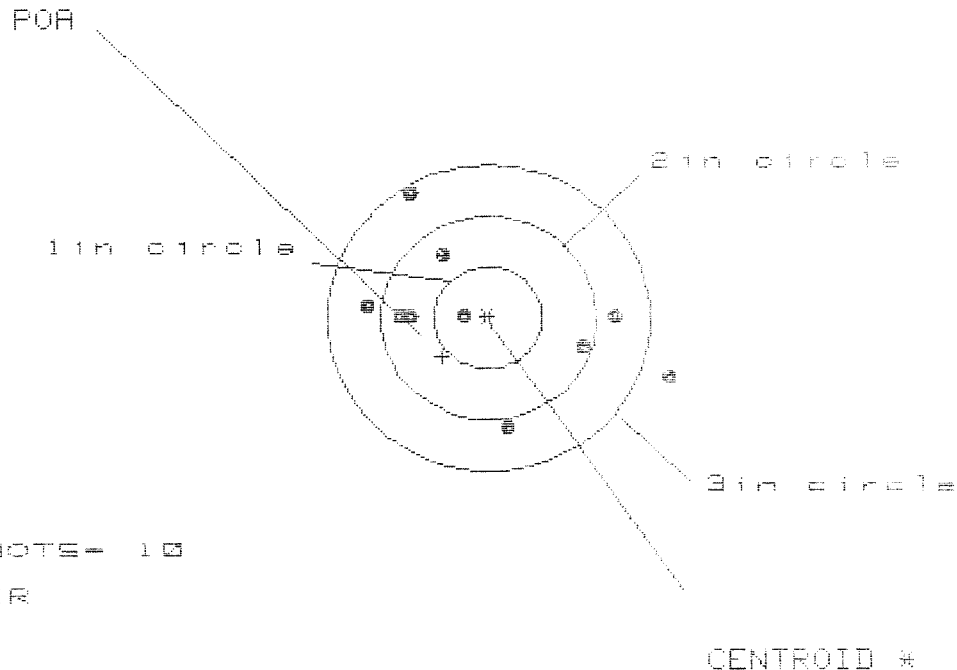
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.592
MINIMUM X	-.687
MAXIMUM Y	1.007
MINIMUM Y	-1.522
CENTROID X	.047
CENTROID Y	.251
POA TO CENTROID in.	.256
MIN RADIUS	.473
MEAN RADIUS	.905
MAX RADIUS	1.589
HORIZONTAL SPREAD	1.279
VERTICAL SPREAD	2.530
EXTREME SPREAD	2.531
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

1 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348380

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.733

VS= 2.318

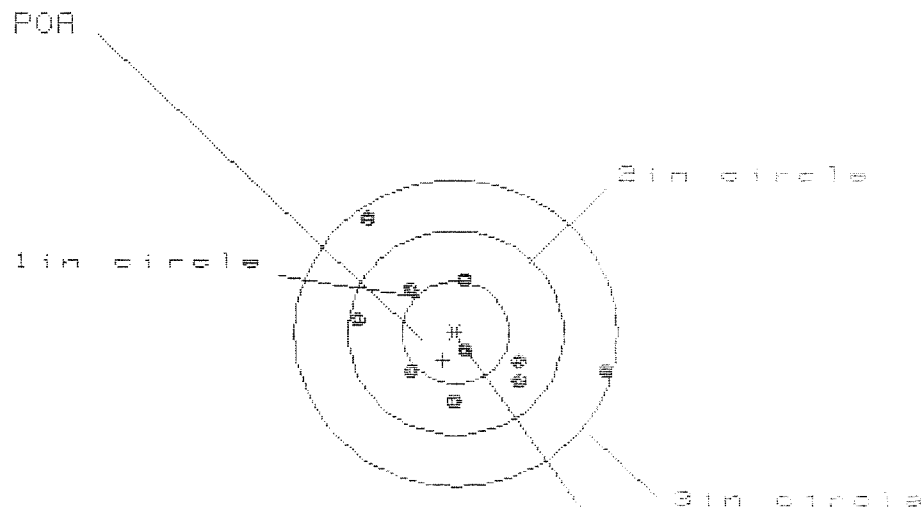
GS= 2.952

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.653	1.356	1.289
MINIMUM X	-1.080	-.896	-.963
MAXIMUM Y	1.206	1.145	.669
MINIMUM Y	-1.112	-1.173	-1.030
CENTROID X	.425	.241	.308
CENTROID Y	.376	.437	.294
FOR TO CENTROID in.	.567	.499	.426
MIN RADIUS	.180	.027	.131
MEAN RADIUS	.987	.847	.814
MAX RADIUS	1.743	1.357	1.292
HORIZONTAL SPREAD	2.733	2.252	2.252
VERTICAL SPREAD	2.318	2.318	1.699
EXTREME SPREAD	2.952	2.493	2.254
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C684B960

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS = 0.250

VS = 1.834

GS = 0.667

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.342	1.247	.685
MINIMUM X	-.927	-1.022	-.866
MAXIMUM Y	1.170	.654	.628
MINIMUM Y	-.664	-.534	-.560
CENTROID X	.113	.208	.052
CENTROID Y	.273	.143	.170
POA TO CENTROID in.	.295	.252	.177
MIN RADIUS	.192	.032	.177
MEAN RADIUS	.772	.668	.598
MAX RADIUS	1.448	1.266	.909
HORIZONTAL SPREAD	2.269	2.269	1.551
VERTICAL SPREAD	1.834	1.188	1.188
EXTREME SPREAD	2.667	2.327	1.617
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	