

C6587660

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



RECEIVED BARBER M24002H206REPORT

COMMENTS

ORDER

R 94-18936

INITIAL CUSTOMER ORDER NO.

JJA DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT

ATTN FRED MARTIN Scope S/N 91-0056

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/14/94

06/15/94

C6587660

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

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

✓ New Barrel ✓ Stock
Trigger Assy ✓ Firm Pin Assy
✓ Front & Rear Sight Assy

✓ Component Carrying Case Assy - 96069
Scope Case ~~Assy~~ ~~96081~~ 96081

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 002498824745

SERIAL NO. C6587660DATE 8/8/96TESTER RW

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

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.24		2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.35		2.58	
PULL #3	2.27	2.38		2.63	
PULL #4	2.27	2.37		2.57	
PULL #5	2.24	2.41		2.45	
TOTAL	11.47	11.75		12.62	
AVG.	2.29	2.35		2.52	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.04		
PULL #2	3.31	3.25		
PULL #3	3.17	3.30		
PULL #4	3.30	3.19		
PULL #5	3.27	3.31		
TOTAL	16.34	16.09		
AVG.	3.27	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.00		4.27
PULL #2	4.28	4.00		4.31
PULL #3	4.36	4.20		4.43
PULL #4	4.30	4.31		4.40
PULL #5	4.38	4.34		4.35
TOTAL	21.49	20.85		21.76
AVG.	4.30	4.17		4.35

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587660

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. #	BARBER - M24 0024709 OP. NAME	READINGS				DATE	INIT	
625 cont.	F) Safety On Force	6	6	6	8/29/96	RW		
	G) Safety Off Force	3	2.5	2.5	8/29/96	RW		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.024	8/29/96	RW		
	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	2.69	2.84	2.79	2.88	2.89	8/29/96	RW
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587660
8 Jan 1980

CENTROIDAL DISTANCES

0 TO	1	.0178045
1 TO	2	.350464
1 TO	3	.167027
1 TO	4	.282379
1 TO	5	.122642

5
2

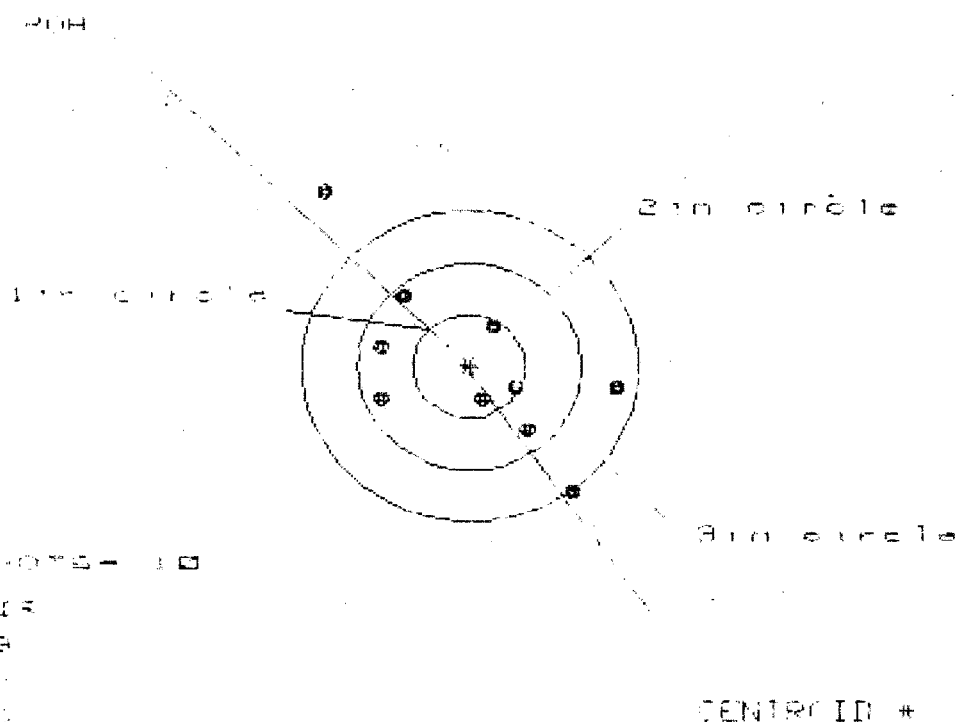
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 5.1
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 4.077
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .12621
THE AMR FOR THIS RIFLE IS: .9942

8 JUL 1968

FILE: PATTERNING-CENTERFIRE_PATT 0658 0680

CENTERFIRE PATTERNS # 1



POINTS - 10

10015

X - 3

Y - 3

X - 2.5335

Y - 2.946

X - 3.633

PATTERN #

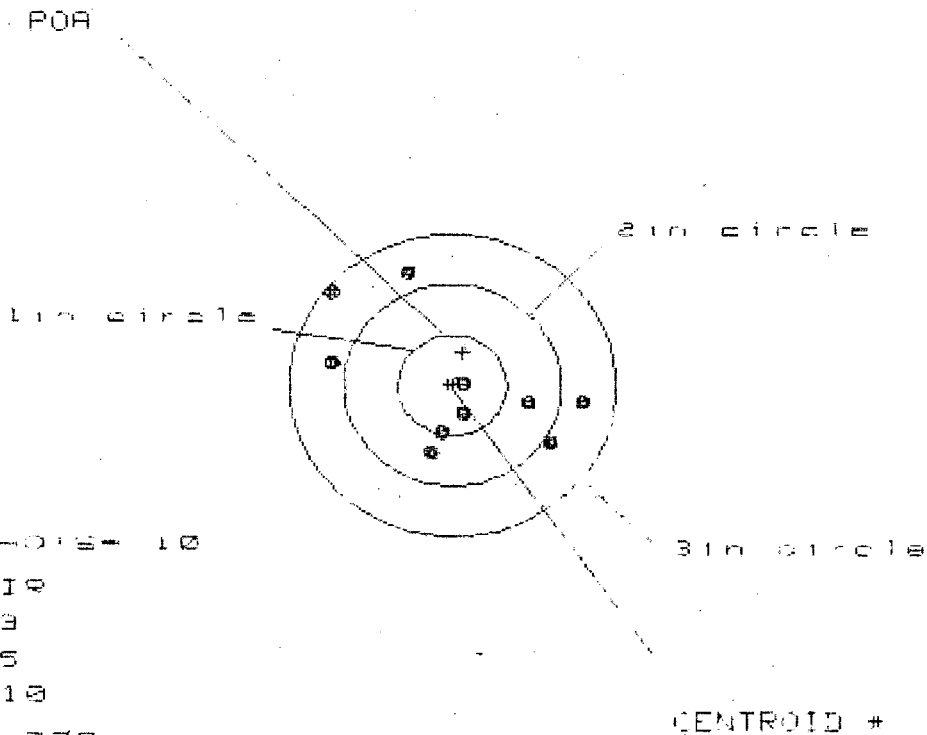


SHOTS (BEST OF 10)	10	8	5
MAXIMUM X	1.240	1.115	1.238
MINIMUM X	-1.207	-1.112	-1.024
MAXIMUM Y	1.648	1.483	1.770
MINIMUM Y	-1.248	-1.045	-1.595
CENTROID X	-.014	.131	.007
CENTROID Y	.011	-.172	-.039
POH TO CENTROID (in)	.018	.216	.054
MIN RADIUS	.311	.108	.247
MEAN RADIUS	.958	.789	.734
MAX RADIUS	2.102	1.299	1.251
HORIZONTAL SPREAD	2.595	2.067	2.067
VERTICAL SPREAD	2.896	1.968	1.365
EXTREME SPREAD	3.633	2.462	2.115
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	8	

6 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PAT/C8587860

CENTERFIRE PATTERNS # 2



SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 2.329

VS = 1.805

CS = 2.585

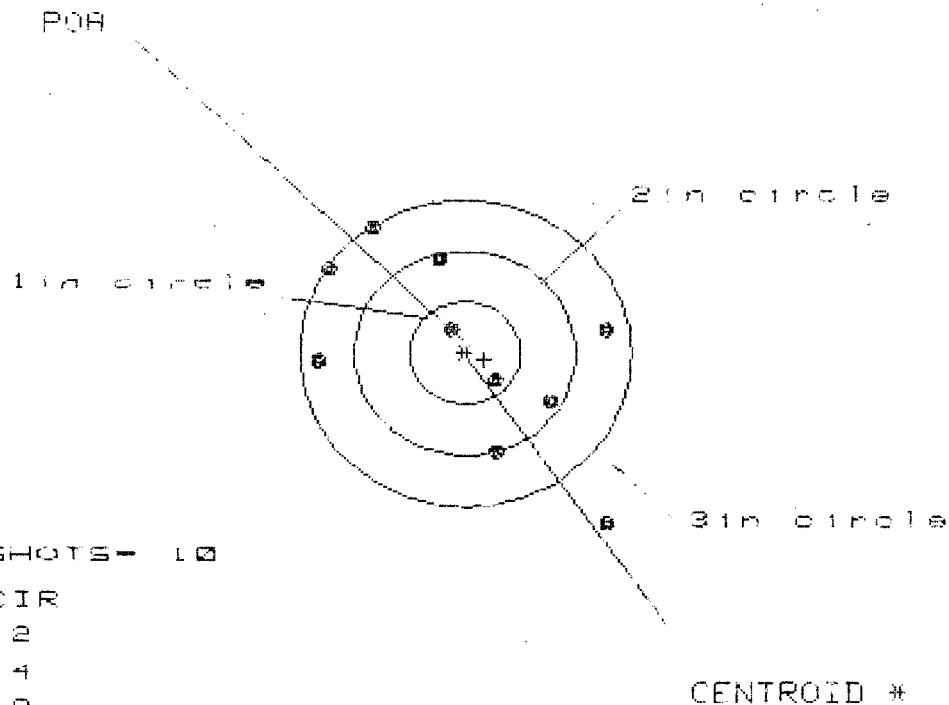
PATTERN #

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.207	1.032	.359
MINIMUM X	-1.122	-1.246	-1.111
MAXIMUM Y	1.096	1.198	1.186
MINIMUM Y	-.709	-.607	-.619
CENTROID X	-.099	.026	-.109
CENTROID Y	-.329	-.431	-.419
POA TO CENTROID in.	.343	.432	.433
MIN RADIUS	.098	.141	.161
MEAN RADIUS	.833	.730	.689
MAX RADIUS	1.451	1.321	1.258
HORIZONTAL SPREAD	2.329	2.328	1.970
VERTICAL SPREAD	1.805	1.805	1.805
EXTREME SPREAD	2.585	2.376	2.131
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

6 Jan 1968

FILE: PATTERNING/CENTERFIRE_PATT-06587660

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 4

3 in - 8

HSE - 2.672

S - 2.931

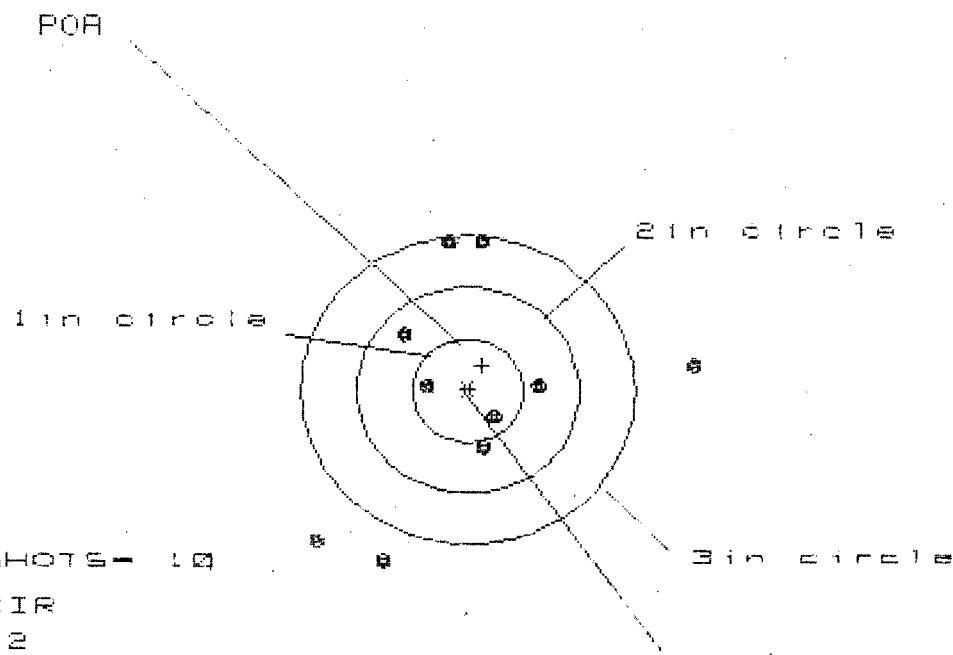
GSE - 3.627

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.303	1.369	1.283
MINIMUM X	:	-1.369	-1.224	-1.310
MAXIMUM Y	:	1.268	1.083	.841
MINIMUM Y	:	-1.663	-1.175	-1.040
CENTROID X	:	-.171	-.316	-.230
CENTROID Y	:	.068	.252	.117
POB TO CENTROID in.	:	.184	.405	.258
MIN RADIUS	:	.266	.032	.191
MEAN RADIUS	:	1.119	.983	.944
MAX RADIUS	:	2.113	1.371	1.391
HORIZONTAL SPREAD	:	2.672	2.593	2.593
VERTICAL SPREAD	:	2.931	2.258	1.881
EXTREME SPREAD	:	3.627	2.608	2.608
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Jan 1988

FILE://PATTERNING/CENTERFIRE_PATT/C6587660

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 3.346

VS = 3.138

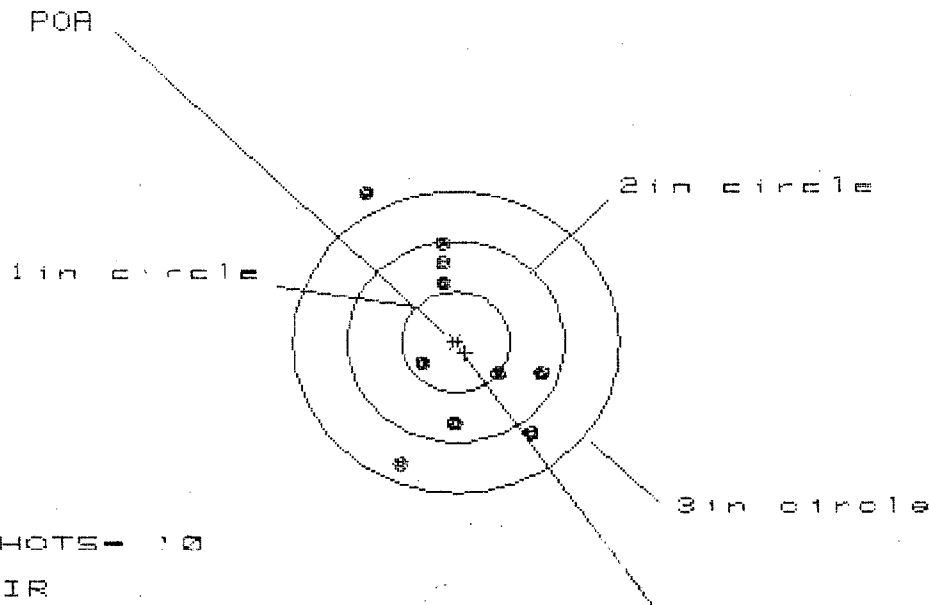
CS = 3.761

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.996	.832	.741
MINIMUM X	-1.351	-1.129	-.695
MAXIMUM Y	1.484	1.515	1.341
MINIMUM Y	-1.655	-1.623	-1.797
CENTROID X	-.191	-.352	-.211
CENTROID Y	-.246	-.278	-.104
POA TO CENTROID in.	.279	.449	.235
MIN RADIUS	.324	.122	.272
MEAN RADIUS	1.146	1.044	.937
MAX RADIUS	2.016	1.796	1.927
HORIZONTAL SPREAD	3.346	2.011	1.436
VERTICAL SPREAD	3.138	3.138	3.138
EXTREME SPREAD	3.761	3.283	3.274
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

8 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6537660

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

CENTROID *

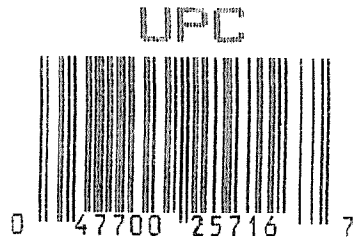
HS = 1.638

VS = 2.664

GS = 2.825

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.823	.738	.657
MINIMUM X	-.810	-.642	-.525
MAXIMUM Y	1.445	1.146	1.014
MINIMUM Y	-1.219	-1.059	-.899
CENTROID X	-.085	.005	.085
CENTROID Y	.111	-.049	.083
POA TO CENTROID in.	.140	.050	.119
MIN RADIUS	.429	.362	.372
MEAN RADIUS	.915	.813	.755
MAX RADIUS	1.657	1.238	1.056
HORIZONTAL SPREAD	1.638	1.380	1.183
VERTICAL SPREAD	2.664	2.205	1.913
EXTREME SPREAD	2.825	2.257	2.072
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

Remington REG. U.S. PAT. & TM. OFF.		DUPONT REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24			SERIAL NO. C6587660	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			ORDER NO. 5716	
01				
 5716 C6587660				



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587660

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KJ
600	Proof		10/24/90	KJ
607	Check Headspace		10/24/90	KJ
610	Dis-assemble Gun		10/24/90	KJ
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		11/6/90	FB
618	Polish Barrel	AB	11/7/90	WB
620	Apply Coatings (Barrel Action)		11/20/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/30/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/30/90	KS
	C) Inspect Ejector Hole for Chamfer		11/30/90	KS
	D) Oil Firing Pin Ass'y		11/30/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/3/90	JS

op. #	OP NAME	READINGS					DATE	INIT
	BARBER - M24 0024718							
625 cont.	F) Safety On Force	6	6	6			12/3/90	WLB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			12/3/90	WLB
	H) Trigger Pull Test & Retainability						12/3/90	WLB
	I) Firing Pin Indent	0225	023	023			12/3/90	WLB
	J) Assemble Stock						12/3/90	KS
	K) Assemble Swivel Studs						12-5-90	WLB
	L) Attach Front and Rear Sight Assemblies						12/3/90	KS
	M) Iron Sight Alignment						12/3/90	KS
	N) Detach Front & Rear Sights & place in numbered container						12/3/90	KS
	O) Attach Scope to Rifle						12/3/90	KS
	P) Detach & Attach Scope 20 Times						12/3/90	KS
640	Gallery Target & Test						12-4-90	WLB
	A) Time						12-4-90	WLB
	B) Malfunctions						12-4-90	WLB
	C) Pierced Primers						12-4-90	WLB
	D) Optical Clarity of Scope						12-4-90	WLB
645	Inspect for Live Ammo						12-4-90	WLB
655	Final Inspection							
	A) Headspace						12-5-90	WLB
	B) Trigger Pull	2.40	235	232	228	220	12-5-90	WLB
	C) Function						12-5-90	WLB
660	Pack						12/12/90	WLB

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

SERIAL NO. C6587660DATE 12/3/98TESTER JLF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.22	2.23	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.24	2.34	2.35	
PULL #3	2.25	2.21	2.25	2.32	
PULL #4	2.12	2.21	2.26	2.38	
PULL #5	2.21	2.23	2.27	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.22	3.20		
PULL #3	3.22	3.21		
PULL #4	3.22	3.18		
PULL #5	3.17	3.19		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.40		4.41
PULL #2	4.40	4.42		4.42
PULL #3	4.41	4.41		4.38
PULL #4	4.41	4.42		4.42
PULL #5	4.41	4.39		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE# C6587660
 4 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.530649
1 TO	2	.696676
1 TO	3	.202074
1 TO	4	.919187
1 TO	5	.469553

2
3
4 + <----FOR

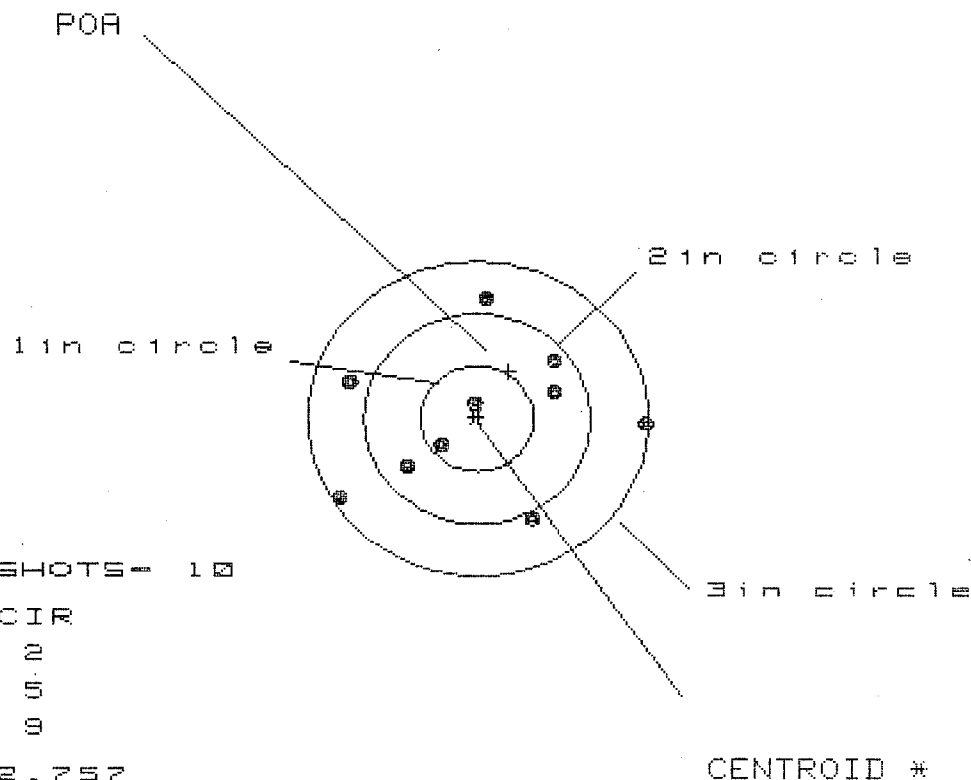
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0026
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1148
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114829

THE AMR FOR THIS RIFLE IS: .8956

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65876B0

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.757

VS = 2.125

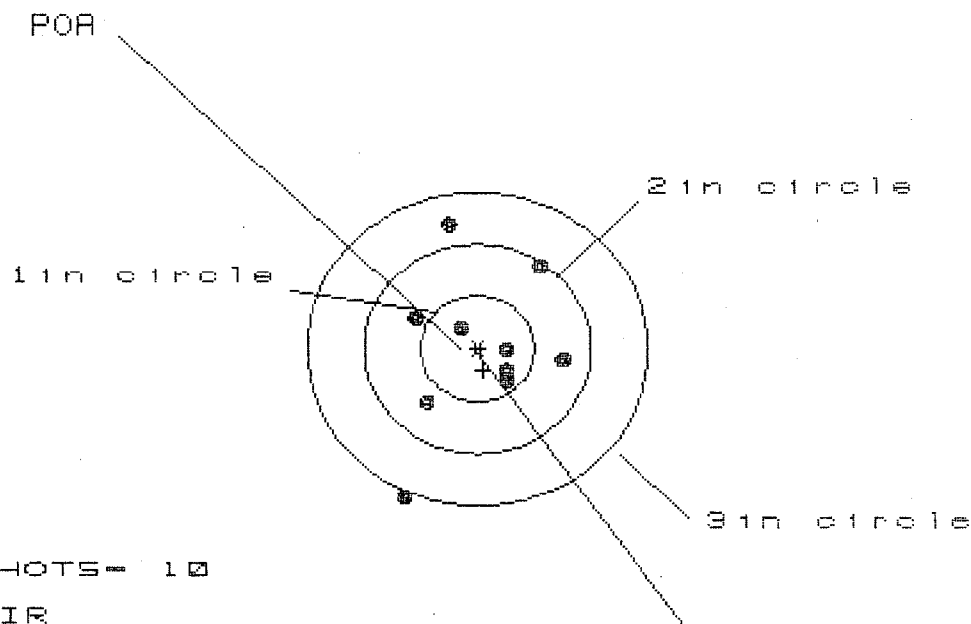
GS = 2.856

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.504	.816	.680
MINIMUM X	-1.252	-1.085	-1.132
MAXIMUM Y	1.148	1.146	1.049
MINIMUM Y	-.977	-.979	-1.076
CENTROID X	-.278	-.446	-.310
CENTROID Y	-.452	-.450	-.353
POA TO CENTROID in.	.531	.633	.470
MIN RADIUS	.140	.159	.042
MEAN RADIUS	.927	.851	.775
MAX RADIUS	1.505	1.331	1.194
HORIZONTAL SPREAD	2.757	1.901	1.812
VERTICAL SPREAD	2.125	2.125	2.125
EXTREME SPREAD	2.856	2.341	2.161
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587660

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS = 1.357

VS = 2.596

GS = 2.620

CENTROID #

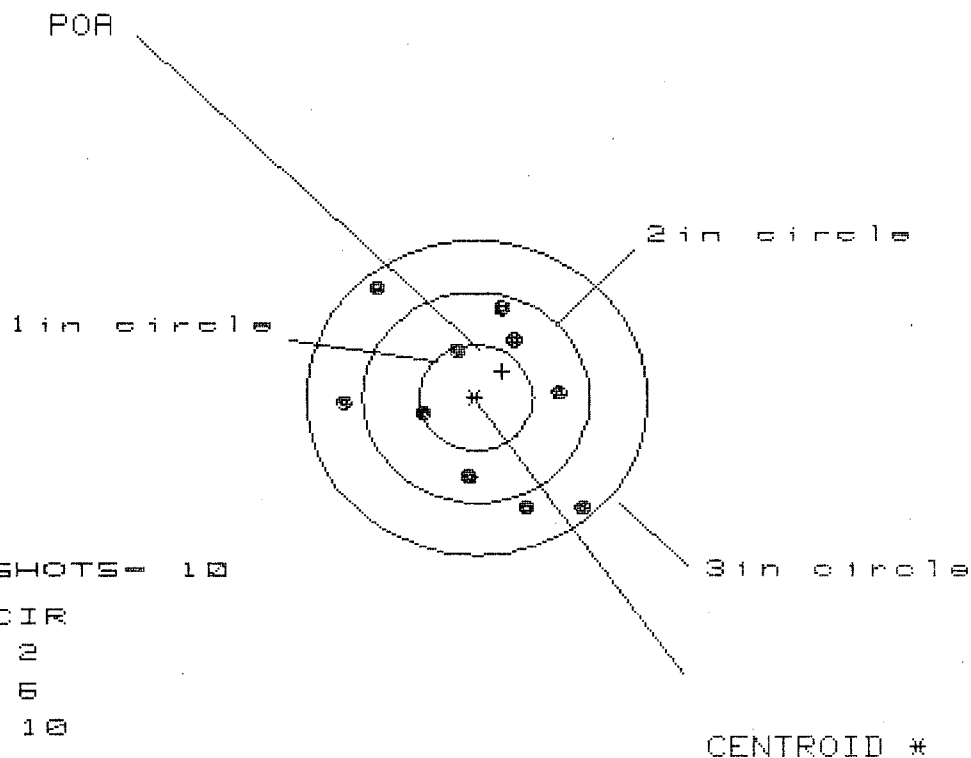
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.727	.656	.612
MINIMUM X	:	-.640	-.602	-.646
MAXIMUM Y	:	1.169	1.010	.770
MINIMUM Y	:	-1.427	-.636	-.509
CENTROID X	:	-.052	.019	.063
CENTROID Y	:	.207	.366	.239
POA TO CENTROID in.	:	.213	.366	.248
MIN RADIUS	:	.219	.194	.102
MEAN RADIUS	:	.679	.577	.483
MAX RADIUS	:	1.564	1.071	.874
HORIZONTAL SPREAD	:	1.367	1.258	1.258
VERTICAL SPREAD	:	2.596	1.646	1.279
EXTREME SPREAD	:	2.620	1.650	1.584
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587660

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.172

VS= 2.136

GS= 2.813

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	.808	.714
MINIMUM X	:	-1.195	-1.086	-1.180
MAXIMUM Y	:	1.091	.976	.871
MINIMUM Y	:	-1.044	-1.160	-1.038
CENTROID X	:	-.233	-.342	-.248
CENTROID Y	:	-.255	-.139	-.261
POA TO CENTROID in.	:	.345	.369	.360
MIN RADIUS	:	.450	.315	.434
MEAN RADIUS	:	.902	.826	.775
MAX RADIUS	:	1.425	1.293	1.181
HORIZONTAL SPREAD	:	2.172	1.894	1.894
VERTICAL SPREAD	:	2.136	2.136	1.909
EXTREME SPREAD	:	2.813	2.514	1.938
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587660

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

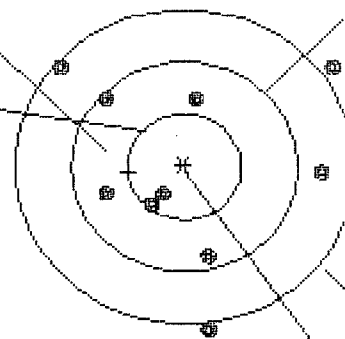
3 in = 8

HS = 2.434

VS = 2.506

GS = 2.829

CENTROID *



PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.301
MINIMUM X	-1.133
MAXIMUM Y	.974
MINIMUM Y	-1.532
CENTROID X	.492
CENTROID Y	.050
POA TO CENTROID in.	.494
MIN RADIUS	.308
MEAN RADIUS	.976
MAX RADIUS	1.625
HORIZONTAL SPREAD	2.434
VERTICAL SPREAD	2.506
EXTREME SPREAD	2.829
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

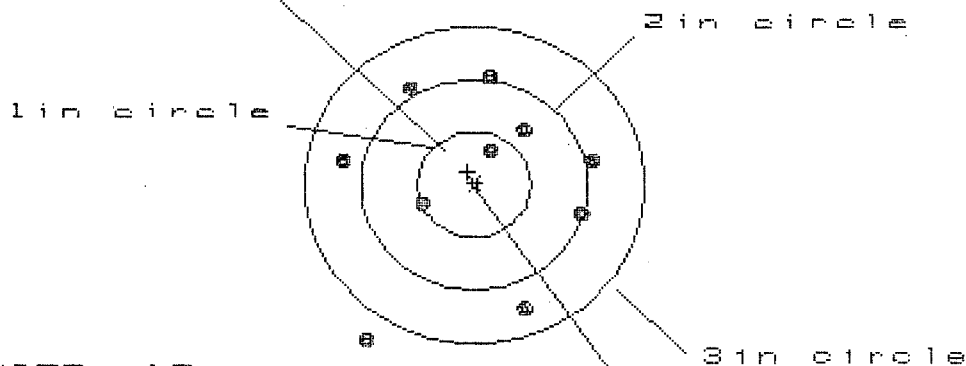
4 Dec 1938

FILE:/PATTERNING/CENTERFIRE_PATT/065878B0

CENTERFIRE PATTERNS

5

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 9

HS = 2.221

VS = 2.562

GS = 2.782

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.041	.939	.978
MINIMUM X	-1.180	-1.282	-1.243
MAXIMUM Y	1.056	.889	.720
MINIMUM Y	-1.506	-1.352	-.649
CENTROID X	.058	.160	.121
CENTROID Y	-.124	.044	.213
POA TO CENTROID in.	.136	.166	.245
MIN RADIUS	.355	.160	.130
MEAN RADIUS	.994	.864	.773
MAX RADIUS	1.763	1.387	1.250
HORIZONTAL SPREAD	2.221	2.221	2.221
VERTICAL SPREAD	2.562	2.241	1.369
EXTREME SPREAD	2.782	2.310	2.221
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		