

C6348898

MODEL 760™ N24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

* Includes 1 in chamber.



BARBER M24 0041045 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18160

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER
ATTN: FRED MARTIN

Scope S/N 90 0342

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE

SERIAL NUMBER C6348898

NEW SERIAL NUMBER

MODEL AND GRADE 700 7-62

NATO

ACCESSORIES SOFT CASE SCOPE MNTS SCOPE BASE L/SIGHTS

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

FRT

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

✓ Barrel
✓ Stock
✓ Trigger Assy
✓ Front + Rear Sight Assy

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE

4/20/96 4/20/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041045

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6318898DATE 4-13-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.45	2.77	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.64	2.38	
PULL #3	2.58	2.60	2.46	
PULL #4	2.58	2.68	2.56	
PULL #5	2.64	2.59	2.67	
TOTAL	12.75	13.30	12.74	
AVG.	2.55	2.66	2.54	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.21	3.34	
PULL #2	3.17	3.35	
PULL #3	3.08	3.22	
PULL #4	3.06	3.33	
PULL #5	3.00	3.31	
TOTAL	15.52	16.55	
AVG.	3.10	3.31	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.16		4.35
PULL #2	4.23	4.01		4.10
PULL #3	4.07	4.03		4.22
PULL #4	4.19	4.01		4.29
PULL #5	4.17	4.00		4.16
TOTAL	20.87	20.21		21.16
AVG.	4.17	4.04		4.22

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C634898
22 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.233324
1 TO	2	.446579
1 TO	3	.695881
1 TO	4	.867733
1 TO	5	.4886

$\frac{52^4}{t_j^3}$ <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2864
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .321
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .430193
THE AMR FOR THIS RIFLE IS: 1.09

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/

06348038

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS= 3.409

VS= 2.553

GS= 3.696

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.714

1.657

1.469

MINIMUM X

:

-1.695

-1.505

-1.153

MAXIMUM Y

:

1.520

1.413

1.458

MINIMUM Y

:

-1.033

-1.140

-1.095

CENTROID X

:

.182

-.008

.180

CENTROID Y

:

-.146

-.039

-.084

POR TO CENTROID in.

:

.234

.040

.199

MIN RADIUS

:

.541

.498

.580

MEAN RADIUS

:

1.340

1.251

1.211

MAX RADIUS

:

1.965

1.665

1.590

HORIZONTAL SPREAD

:

3.409

3.162

2.622

VERTICAL SPREAD

:

2.553

2.553

2.553

EXTREME SPREAD

:

3.696

3.168

2.929

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

2

NUMBER IN THREE INCH CIRCLE =

6

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/

C634803B

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.719

VS= 1.972

GS= 2.730

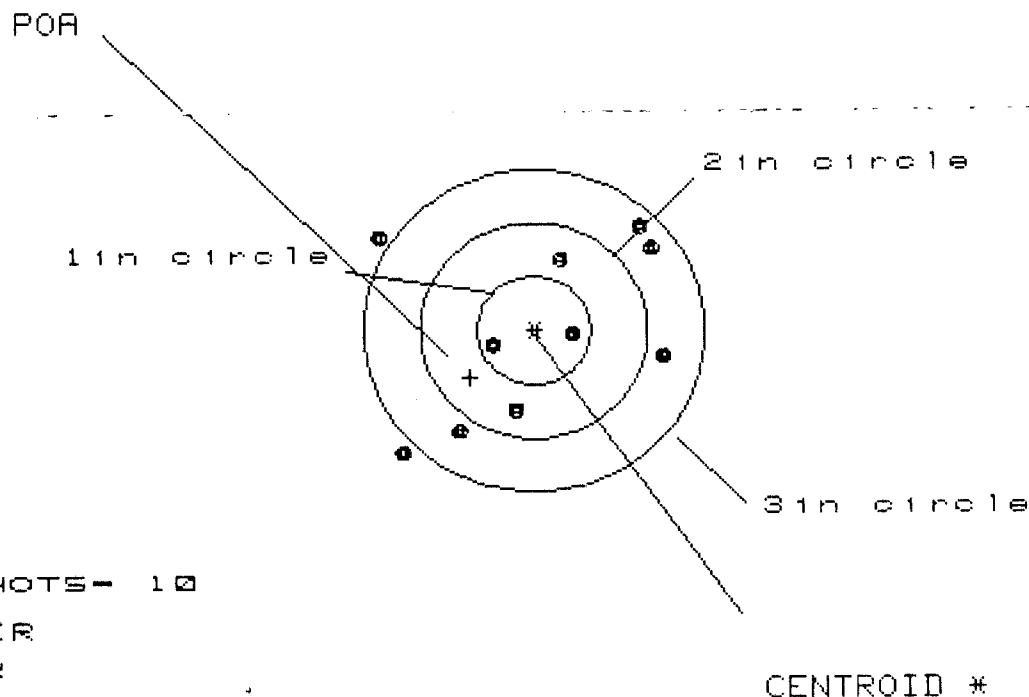
PATTERN #	:	2	1	0
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.462	1.613	.848
MINIMUM X	:	-1.257	-1.106	-.904
MAXIMUM Y	:	1.233	1.310	1.299
MINIMUM Y	:	-.739	-.662	-.673
CENTROID X	:	.274	.123	-.079
CENTROID Y	:	.291	.214	.225
POA TO CENTROID in.	:	.399	.246	.238
MIN RADIUS	:	.093	.209	.411
MEAN RADIUS	:	.957	.887	.804
MAX RADIUS	:	1.528	1.616	1.309
HORIZONTAL SPREAD	:	2.719	2.719	1.752
VERTICAL SPREAD	:	1.972	1.972	1.972
EXTREME SPREAD	:	2.730	2.730	2.094
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1908

FILE:/PATTERNING/CENTERFIRE_PATT/

C634803B

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 4

3in = 8

HS- 2.475

VS= 2.119

GS= 3.017

PATTERN #	:	31		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.129	.997	.812
MINIMUM X	:	-1.346	-1.478	-.973
MAXIMUM Y	:	.958	.828	.917
MINIMUM Y	:	-1.161	-1.023	-.934
CENTROID X	:	.565	.697	.882
CENTROID Y	:	.435	.565	.476
POA TO CENTROID in.	:	.714	.897	1.002
MIN RADIUS	:	.311	.272	.127
MEAN RADIUS	:	1.024	.943	.828
MAX RADIUS	:	1.659	1.639	1.348
HORIZONTAL SPREAD	:	2.475	2.475	1.785
VERTICAL SPREAD	:	2.119	1.851	1.851
EXTREME SPREAD	:	3.017	2.700	2.458
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

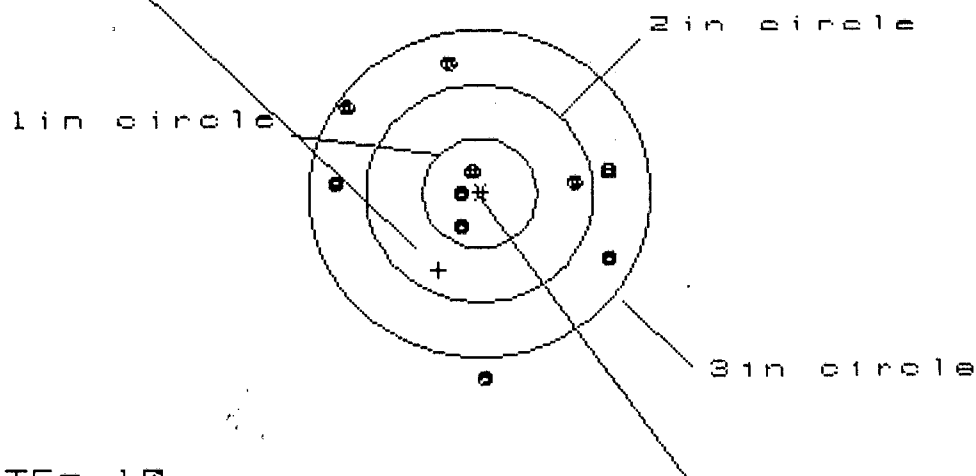
22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/

C634803B

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.435

VS= 2.823

GS= 2.844

CENTROID #

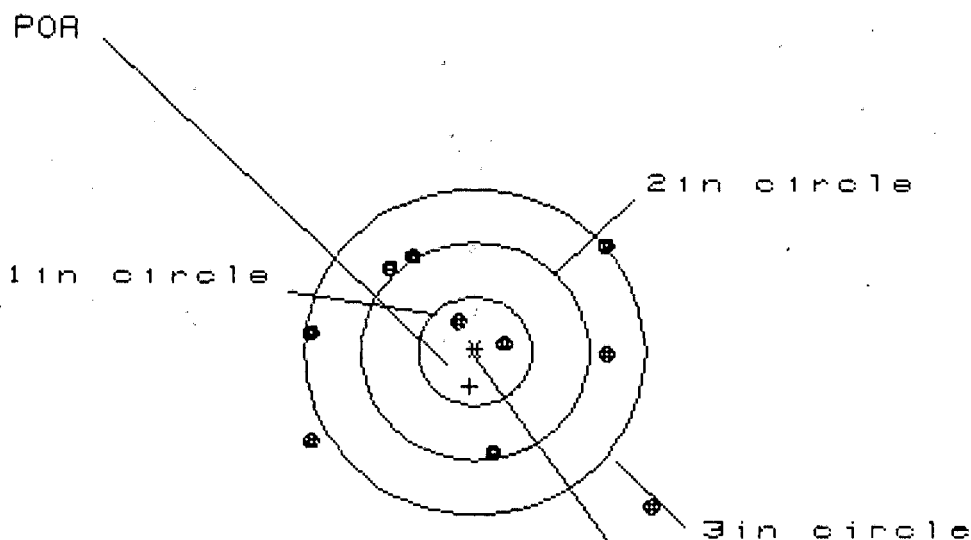
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	1.141	.991
MINIMUM X	:	-1.300	-1.294	-1.444
MAXIMUM Y	:	1.151	.966	1.047
MINIMUM Y	:	-1.672	-.810	-.729
CENTROID X	:	.366	.360	.510
CENTROID Y	:	.702	.887	.806
POA TO CENTROID in.	:	.791	.957	.954
MIN RADIUS	:	.166	.059	.229
MEAN RADIUS	:	.964	.874	.818
MAX RADIUS	:	1.673	1.379	1.445
HORIZONTAL SPREAD	:	2.435	2.435	2.435
VERTICAL SPREAD	:	2.823	1.776	1.776
EXTREME SPREAD	:	2.844	2.739	2.502
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/

C634803B

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 3

3in = 7

HS- 2.031

VS= 2.424

GS= 3.328

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.539	1.363	1.198
MINIMUM X	:	-1.492	-1.321	-1.398
MAXIMUM Y	:	1.011	.854	.736
MINIMUM Y	:	-1.413	-1.086	-1.204
CENTROID X	:	.045	-.126	.039
CENTROID Y	:	.323	.480	.598
POA TO CENTROID in.	:	.326	.497	.600
MIN RADIUS	:	.317	.127	.155
MEAN RADIUS	:	1.167	1.030	.939
MAX RADIUS	:	2.090	1.623	1.404
HORIZONTAL SPREAD	:	3.031	2.684	2.596
VERTICAL SPREAD	:	2.424	1.940	1.940
EXTREME SPREAD	:	3.328	3.208	2.713
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6348898

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 0041054 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			5/7/96	WB
	G) Safety Off Force	3	3	3			5/7/96	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	2.67	2.68	2.63	2.68	2.67	5/7/96	WB
	C) Function							
660	Pack							

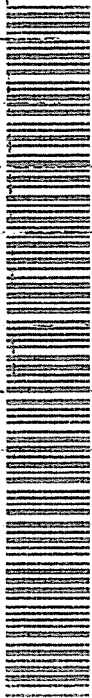
BARBER - M24 0041055

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



MODEL 700™ M24

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



5716 06048898

SERIAL NO.

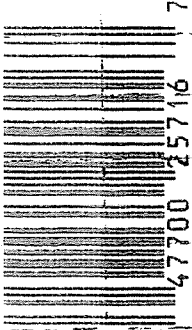
06048898

ORDER NO.

5716

01

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041055 41094

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348898

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	FB
618	Polish Barrel RB	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/22/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/22/89	RW
	C) Inspect Ejector Hole for Chamfer		9/22/89	RW
	D) Oil Firing Pin Ass'y		9/22/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/28/89	JS

op. #	BARBER - M24 0041057 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/26/89	JS
	G) Safety Off Force	4	4	4			9/26/89	JS
	H) Trigger Pull Test & Retainability						238/89	JS
	I) Firing Pin Indent	.021	.021	.021			9/26/89	JS
	J) Assemble Stock						10/11/89	RW
	K) Assemble Swivel Studs						126/89	JS
	L) Attach Front and Rear Sight Assemblies						10/11/89	RW
	M) Iron Sight Alignment						10/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/11/89	RW
	O) Attach Scope to Rifle						10/11/89	JS
	P) Detach & Attach Scope 20 Times						10/11/89	JS
640	Gallery Target & Test						10-11-89	AC
	A) Time						10-11-89	AC
	B) Malfunctions						10-11-89	AC
	C) Pierced Primers						10-11-89	AC
	D) Optical Clarity of Scope						10-11-89	AC
645	Inspect for Live Ammo						10-11-89	AC
655	Final Inspection							
	A) Headspace						126/89	JS
	B) Trigger Pull	236	212	217	227	236	126/89	JS
	C) Function						126/89	JS
660	Pack						15 Dec 89	JS

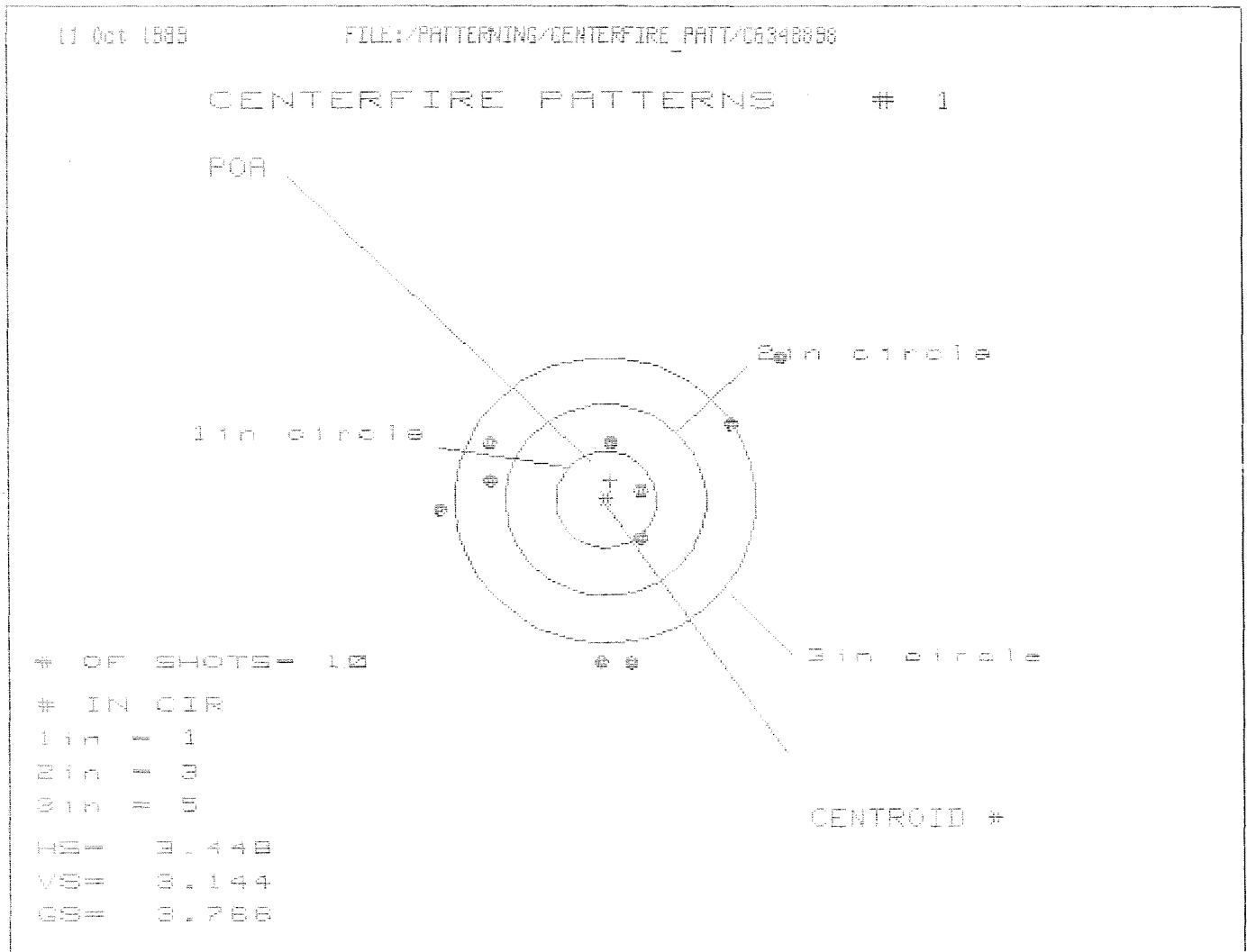
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348898
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.207396
1 TO	2	.117047
1 TO	3	.3942
1 TO	4	.149459
1 TO	5	.513227

#5 (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1448
THE AVERAGE Y COORDINATE FOR THIS RIFLE IS: -.1414
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .202388
THE AMR FOR THIS RIFLE IS: 1.07

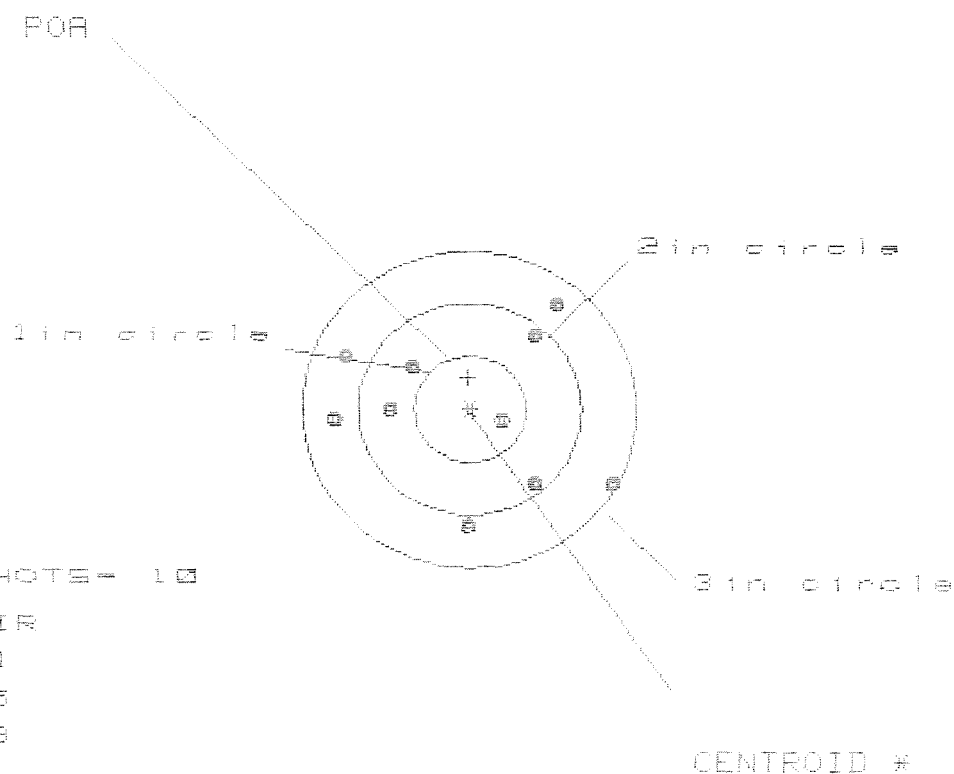


PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.784	1.460	1.516
MINIMUM X	:	-1.664	-1.466	-1.410
MAXIMUM Y	:	1.452	1.006	.815
MINIMUM Y	:	-1.692	-1.530	-1.717
CENTROID X	:	-.047	-.245	-.301
CENTROID Y	:	-.202	-.364	-.172
POR TO CENTROID in.	:	.208	.439	.347
MIN RADIUS	:	.409	.583	.652
MEAN RADIUS	:	1.290	1.184	1.108
MAX RADIUS	:	2.300	1.773	1.727
HORIZONTAL SPREAD	:	3.448	2.926	2.926
VERTICAL SPREAD	:	3.144	2.536	2.532
EXTREME SPREAD	:	3.766	3.063	3.063
NUMBER IN ONE INCH CIRCLE =	:	1	1	1
NUMBER IN TWO INCH CIRCLE =	:	3	3	3
NUMBER IN THREE INCH CIRCLE =	:	5	5	5

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B898

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

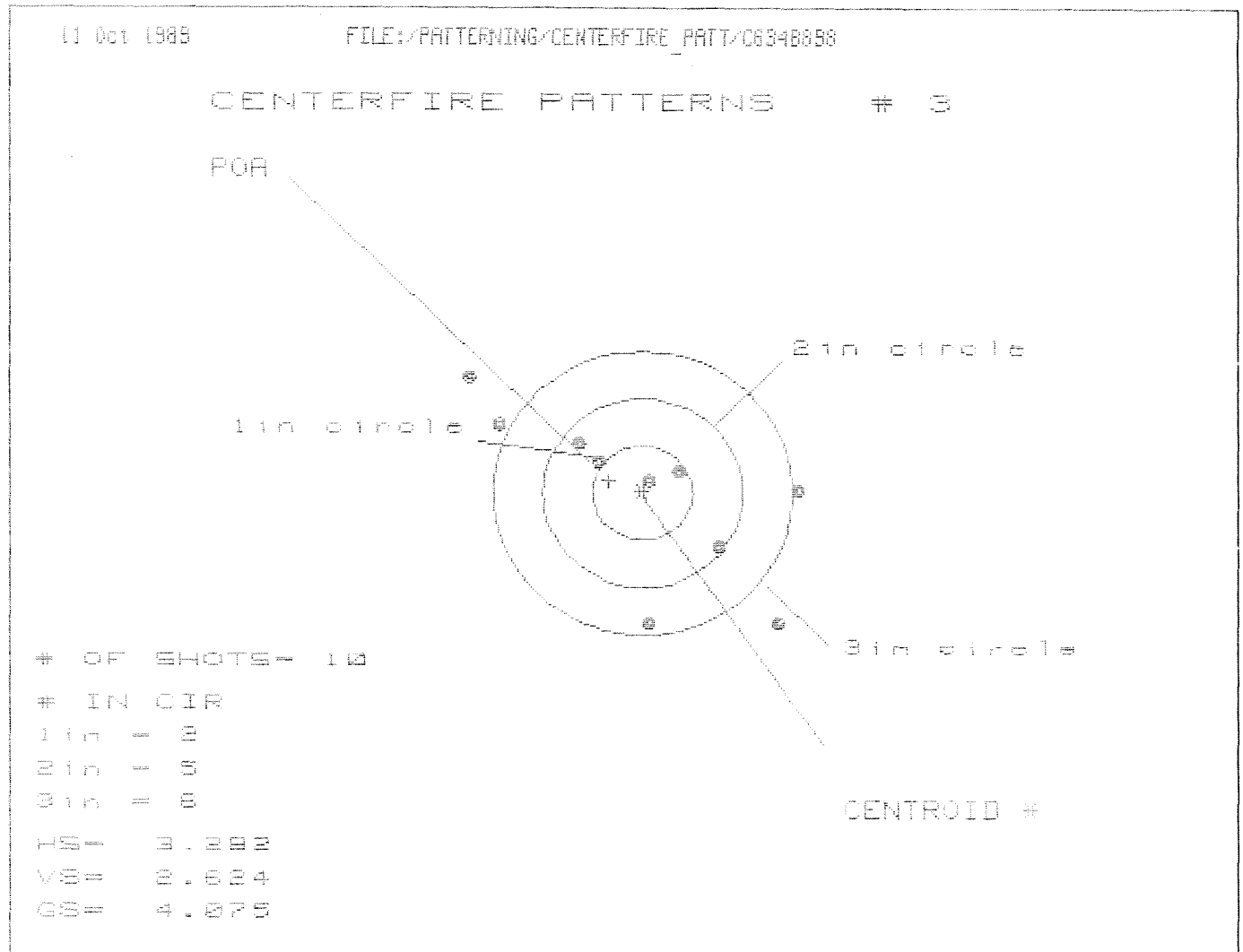
3 in = 4

HS = 2.507

VS = 2.022

GS = 2.720

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.329	.938	.814
MINIMUM X	-1.178	-1.030	-.913
MAXIMUM Y	.960	.881	.750
MINIMUM Y	-1.062	-1.141	-1.030
CENTROID X	.017	-.131	-.248
CENTROID Y	-.300	-.221	-.332
POA TO CENTROID in.	.300	.257	.414
MIN RADIUS	.250	.413	.440
MEAN RADIUS	.952	.878	.814
MAX RADIUS	1.505	1.287	1.106
HORIZONTAL SPREAD	2.507	1.968	1.727
VERTICAL SPREAD	2.022	2.022	1.730
EXTREME SPREAD	2.720	2.225	2.072
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	4		

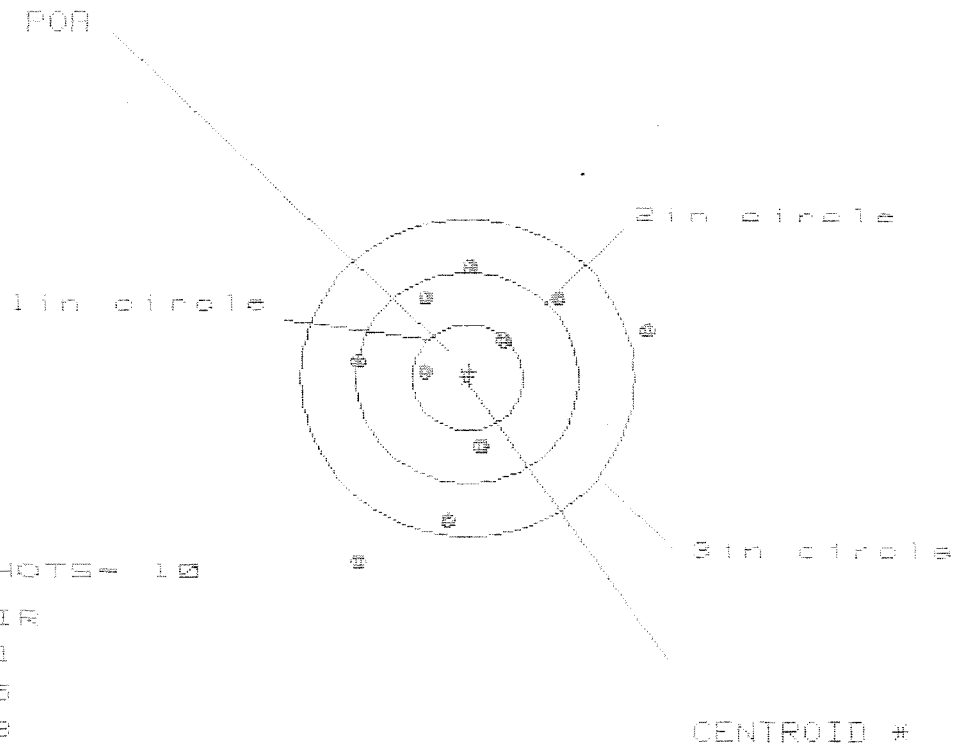


PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.572	1.382	1.534
MINIMUM X	-1.710	-1.646	-1.494
MAXIMUM Y	1.210	.900	.740
MINIMUM Y	-1.414	-1.279	-1.386
CENTROID X	.340	.530	.378
CENTROID Y	-.127	-.262	-.102
POA TO CENTROID in.	.363	.591	.391
MIN RADIUS	.132	.281	.094
MEAN RADIUS	1.159	1.061	.930
MAX RADIUS	2.095	1.876	1.667
HORIZONTAL SPREAD	3.282	3.028	3.028
VERTICAL SPREAD	2.624	2.179	2.126
EXTREME SPREAD	4.075	3.599	3.118
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/0634B898

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.570

VS= 2.738

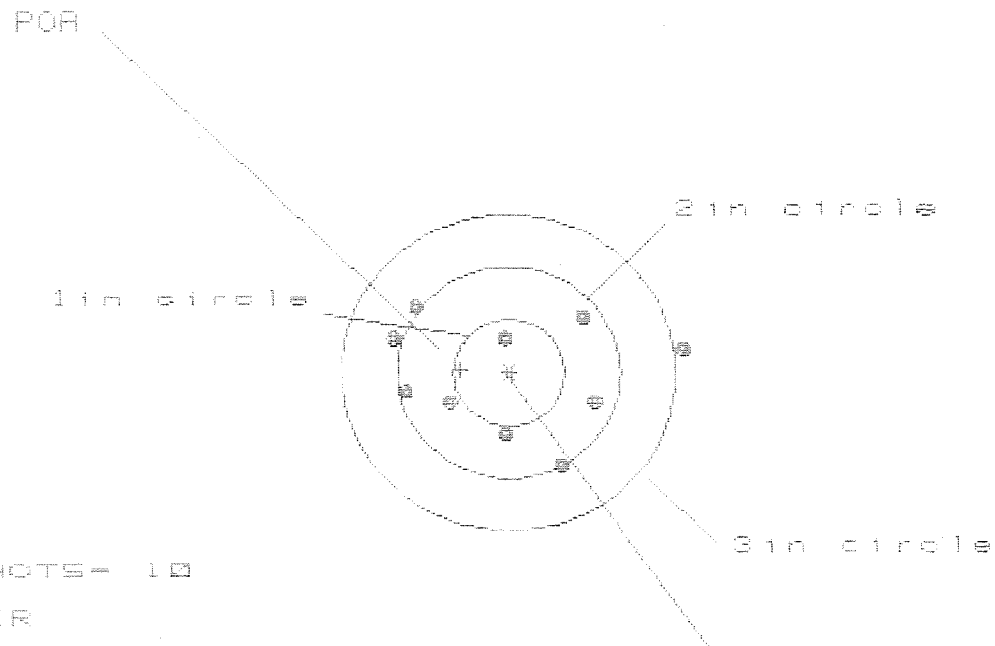
GS= 3.366

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.595	1.488	.899
MINIMUM X	-.975	-1.082	-.896
MAXIMUM Y	1.016	.825	.860
MINIMUM Y	-1.722	-1.534	-1.499
CENTROID X	-.020	.087	-.099
CENTROID Y	-.055	.136	.101
POR TO CENTROID in.	.059	.161	.142
MIN RADIUS	.355	.327	.278
MEAN RADIUS	1.058	.928	.897
MAX RADIUS	1.972	1.569	1.506
HORIZONTAL SPREAD	2.570	2.570	1.795
VERTICAL SPREAD	2.738	2.359	2.359
EXTREME SPREAD	3.366	2.591	2.385
NUMBER IN ONE INCH CIRCLE =	1	5	7
NUMBER IN TWO INCH CIRCLE =	5	7	7
NUMBER IN THREE INCH CIRCLE =	8	8	8

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B858

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.640

VS= 1.589

GS= 2.642

CENTROID *

PATTERN #	1	5	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.566	.938	.825
MINIMUM X	-1.074	-.900	-.897
MAXIMUM Y	.664	.693	.743
MINIMUM Y	-.925	-.896	-.846
CENTROID X	.434	.260	.373
CENTROID Y	-.023	-.052	-.102
POR TO CENTROID in.	.435	.266	.387
MIN RADIUS	.330	.371	.403
MEAN RADIUS	.893	.796	.769
MAX RADIUS	1.587	1.121	1.068
HORIZONTAL SPREAD	2.640	1.938	1.722
VERTICAL SPREAD	1.589	1.589	1.589
EXTREME SPREAD	2.642	2.072	2.012
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	6	6	6
NUMBER IN THREE INCH CIRCLE =	9	9	9

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6348898

DATE 12/10/90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	230	237		278	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	224	245		278	
PULL #3	228	246		270	
PULL #4	236	248		270	
PULL #5	233	250		272	
TOTAL	1151	1222			
AVG.	2302	2444			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	287	308		
PULL #2	301	303		
PULL #3	305	307		
PULL #4	300	303		
PULL #5	308	311		
TOTAL	1501	1532		
AVG.	3004	3064		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	427	438		
PULL #2	427	430		
PULL #3	427	434		
PULL #4	428	430		
PULL #5	425	440		
TOTAL	2131	2172		
AVG.	4262	4344		