

C6348898

MODEL 702TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5715

* Includes 1 in chamber.

Remington

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-D.DL

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

M2400041084

SWS TRIGGER PULL TEST

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

SERIAL NO. C6318898
DATE 4-13-96
TESTER 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	2.66	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 # C6348⁸98
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

$\frac{s_j^4}{t_j}$ <----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

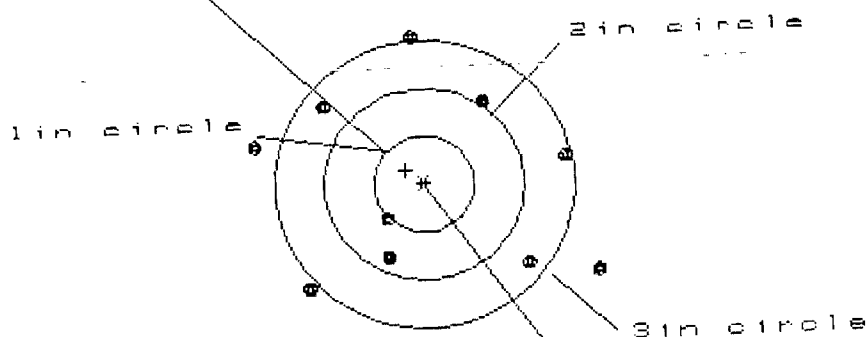
22 Feb 1908

FILE:/PATTERNING/CENTERFIRE_PATT/

06348038

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS= 3.409

VS= 2.553

GS= 3.696

CENTROID #

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE

NUMBER IN TWO INCH CIRCLE

NUMBER IN THREE INCH CIRCLE

11

10

9

8

1.714

1.657

1.469

-1.695

-1.505

-1.153

1.520

1.413

1.458

-1.033

-1.140

-1.095

.182

-.008

.180

-.146

-.039

-.084

.234

.040

.199

.541

.498

.580

1.340

1.251

1.211

1.965

1.665

1.590

3.409

3.162

2.622

2.553

2.553

2.553

3.696

3.168

2.929

=

0

=

=

2

=

=

6

=

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/

C634803B

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS- 2.719

VS= 1.972

GS= 2.730

CENTROID #

PATTERN #	:	24		
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	

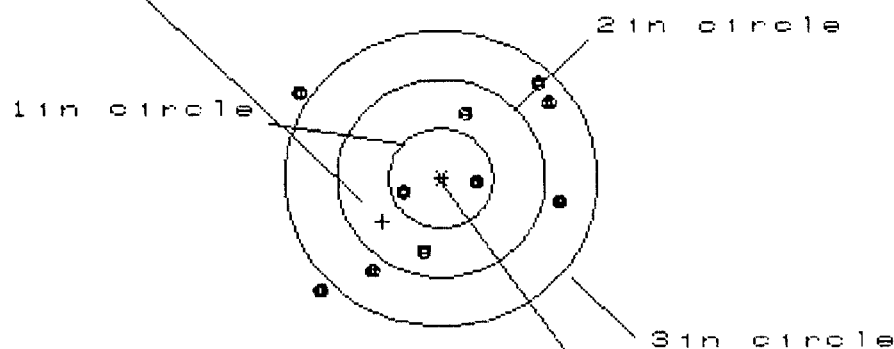
22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/

C63488B

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.475

VS = 2.119

GS = 3.017

CENTROID *

PATTERN #	31	9	8
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		

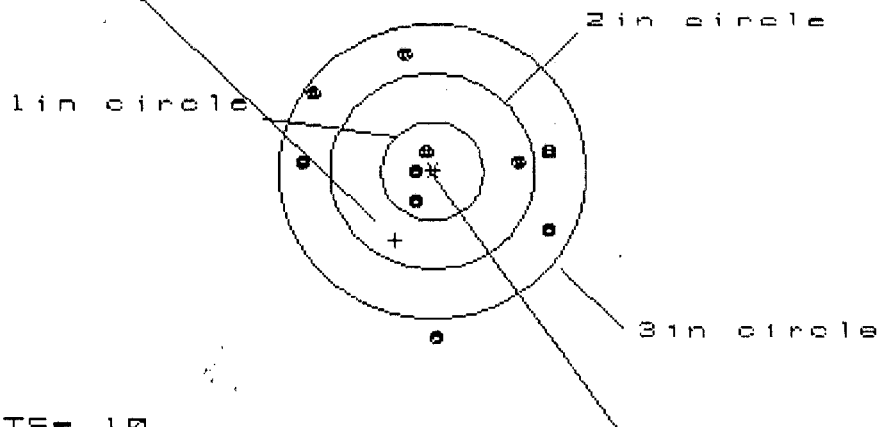
22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/

C634883B

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 2.435

VS= 2.823

GS= 2.844

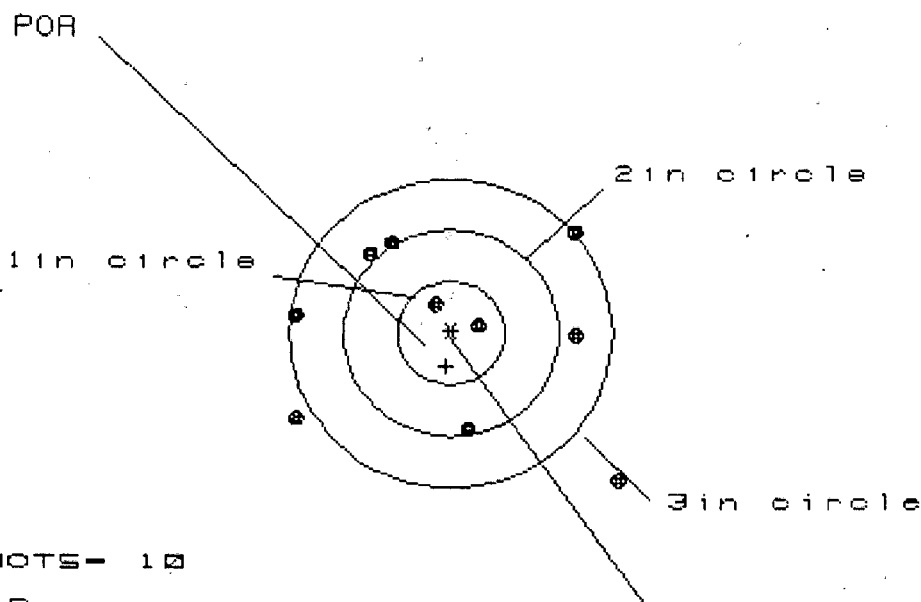
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.135	1.141	.991
MINIMUM X	-1.300	-1.294	-1.444
MAXIMUM Y	1.151	.966	1.047
MINIMUM Y	-1.672	-.810	-.729
CENTROID X	.366	.360	.510
CENTROID Y	.702	.887	.806
POA TO CENTROID in.	.791	.957	.954
MIN RADIUS	.166	.059	.229
MEAN RADIUS	.964	.874	.818
MAX RADIUS	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 1988

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C634803B

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 3

3in = 7

HS = 3.031

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. #	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							

Remington®



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

MODEL 700™ H24

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

01

SERIAL NO.

56348898

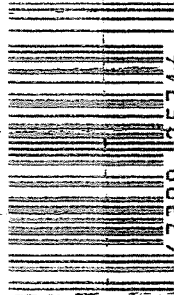
ORDER NO.

5716



5716 56348898

UPC



0 47700 25716

7

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	TJA
	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		9/22/89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/26/89	JH
	G) Safety Off Force	4	4	4			9/26/89	JH
	H) Trigger Pull Test & Retainability						258/89	JH
	I) Firing Pin Indent	.021	.021	.021			9/26/89	JH
	J) Assemble Stock						10/1/89	RW
	K) Assemble Swivel Studs						12/6/89	JH
	L) Attach Front and Rear Sight Assemblies						10/1/89	RW
	M) Iron Sight Alignment						10/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/1/89	RW
	O) Attach Scope to Rifle						10/1/89	JH
	P) Detach & Attach Scope 20 Times						10/1/89	JH
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						12/6/89	JH
	A) Headspace						12/6/89	JH
	B) Trigger Pull	236	212	217	227	236	12/6/89	JH
	C) Function						12/6/89	JH
660	Pack						150/89	JH

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348898
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.207396
1 TO	2	.117047
1 TO	3	.3942
1 TO	4	.148459
1 TO	5	.513227

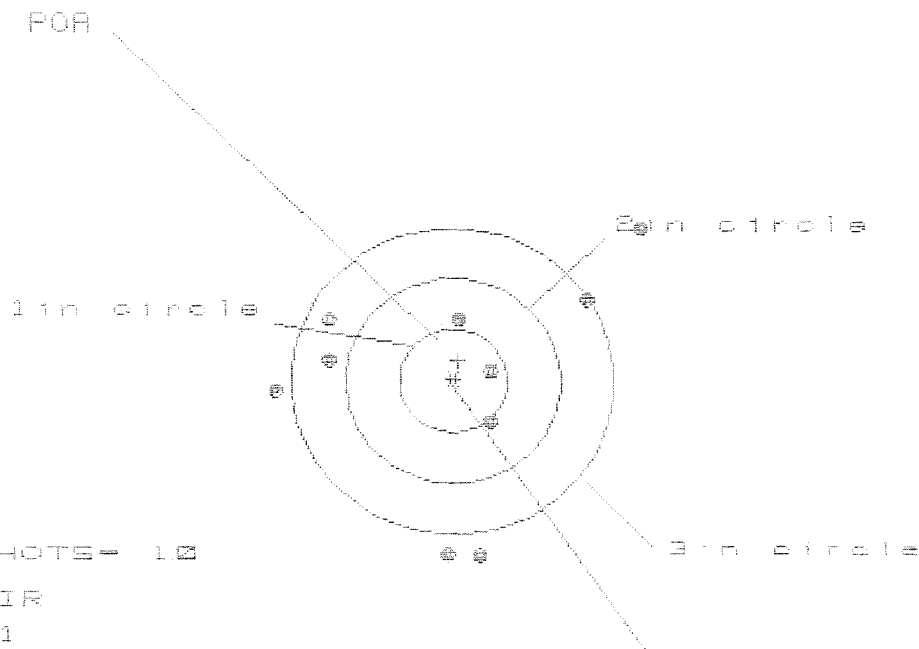
#5 C-----FOR

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

11 Oct 1999

FILE:/PATTERNING/CENTERFIRE_PATT/C634B858

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

IN = 3.448

VS = 3.144

GS = 3.766

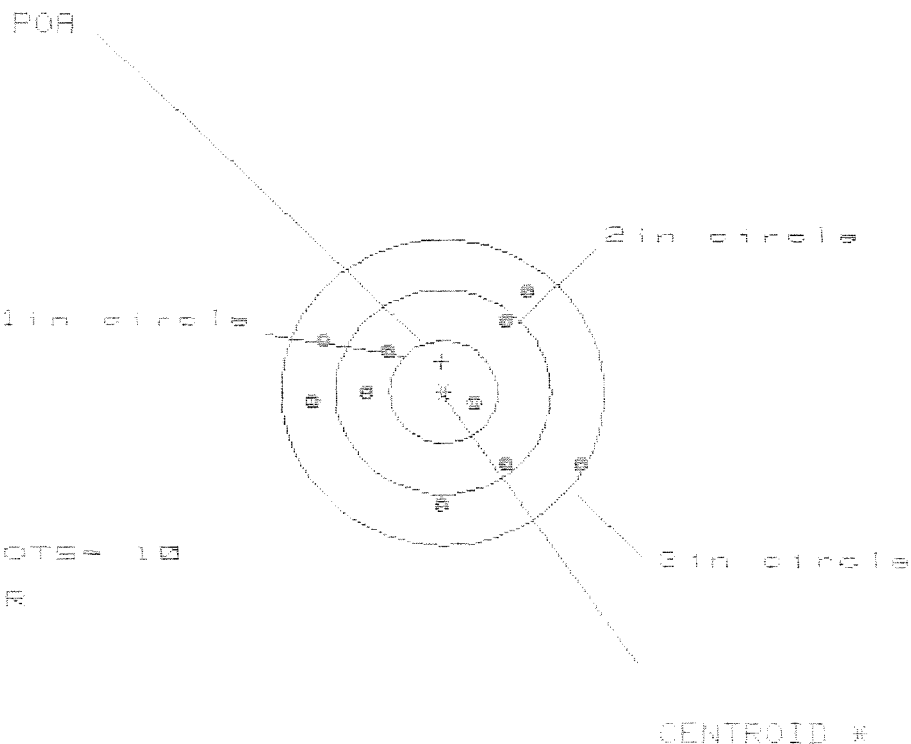
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.784	1.460	1.516
MINIMUM X	:	-1.684	-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
POA TO CENTROID in.	:	.208	.439	.347
MIN RADIUS	:	.409	.583	.652
MEAN RADIUS	:	1.390	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	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348888

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 0

3 in = 0

MS = 2.507

VS = 2.622

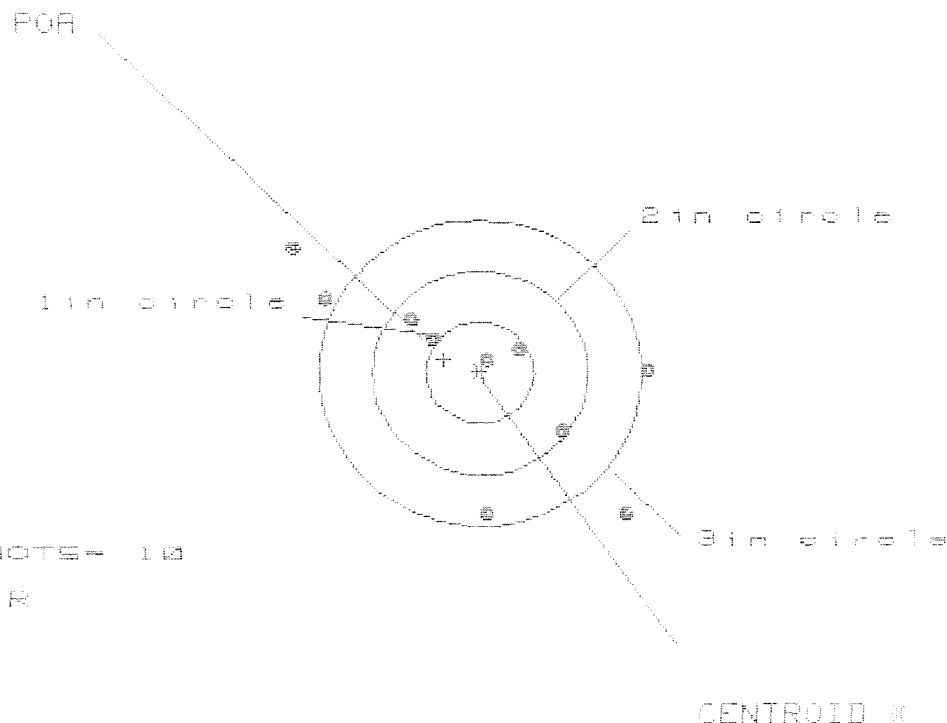
GS = 2.720

PATTERN #	10	9	8
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	-1.009
CENTROID X	.017	-.131	-.248
CENTROID Y	-.300	-.221	-.332
POA TO CENTROID in.	.300	.257	.414
MIN RADIUS	.250	.413	.443
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	2.002
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	0		
NUMBER IN THREE INCH CIRCLE =	0		

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B098

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 6

MEAN = 3.2882

VS = 2.624

GS = 4.075

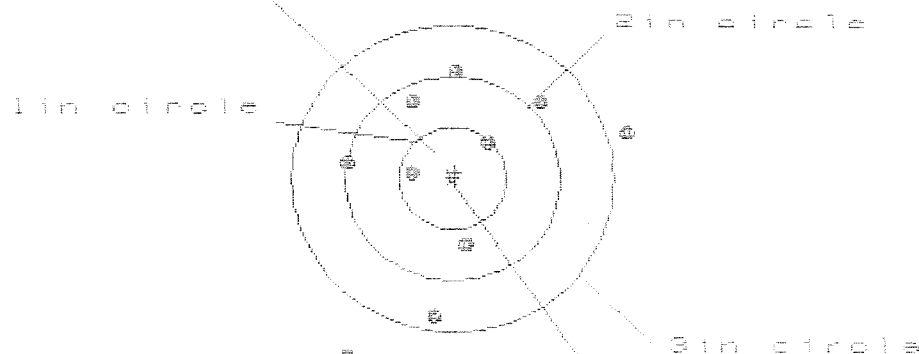
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.572	1.382	1.534
MINIMUM X	:	-1.710	-1.646	-1.494
MAXIMUM Y	:	1.210	.900	.740
MINIMUM Y	:	-1.414	-1.279	-1.386
CENTROID X	:	.340	.530	.378
CENTROID Y	:	-.127	-.262	-.102
POA TO CENTROID in.	:	.363	.591	.391
MIN RADIUS	:	.132	.281	.094
MEAN RADIUS	:	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	=	6		

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B888

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.570

VS= 2.738

GS= 2.366

CENTROID #

PATTERN #

:

4

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

-.059

CENTROID Y

:

-.055

.136

.101

POR TO CENTROID in.:

.059

.161

.142

MIN RADIUS

:

.355

.327

.278

MEAN RADIUS

:

1.058

.928

.837

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

:

2.366

2.591

2.385

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

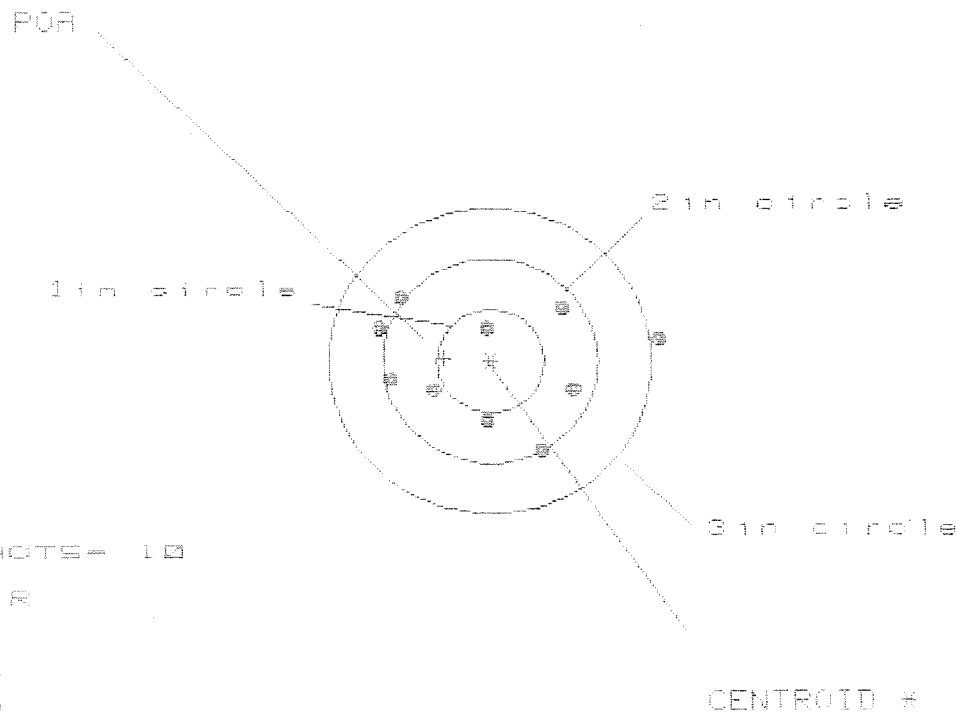
NUMBER IN THREE INCH CIRCLE =

8

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340898

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

MS= 2.640

VS= 1.589

GS= 2.642

PATTERN #	5	5	5
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
POA TO CENTROID in.	.435	.266	.367
MIN RADIUS	.330	.371	.403
MEAN RADIUS	.893	.796	.769
MAX RADIUS	1.587	1.121	1.060
HORIZONTAL SPREAD	2.640	1.838	1.722
VERTICAL SPREAD	1.589	1.589	1.589
EXTREME SPREAD	2.642	2.072	2.072
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	9	9	9

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6348898

DATE 12/11/90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.30	2.37	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.45	2.78	
PULL #3	2.28	2.46	2.70	
PULL #4	2.36	2.48	2.70	
PULL #5	2.33	2.50	2.72	
TOTAL	11.51	12.22		
AVG.	2.302	2.444		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	2.87	3.08	
PULL #2	3.01	3.03	
PULL #3	3.05	3.07	
PULL #4	3.00	3.03	
PULL #5	3.08	3.11	
TOTAL	15.01	15.32	
AVG.	3.004	3.064	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.38		
PULL #2	4.24	4.30		
PULL #3	4.27	4.34		
PULL #4	4.28	4.30		
PULL #5	4.25	4.40		
TOTAL	21.31	21.72		
AVG.	4.262	4.344		