

06225343

MODEL 700™ M24

Model ~~700~~ M24™

Action

Barrel Length

Capacity

Order No. ~~5715~~

* Includes 1 in chamber.

Remington

Remington

BD6925 REV. 7/97

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

BARBER - M24 ~~0043212~~ **M2400013251**

[illegible]

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 002499013253

SHIPPING CONTAINER TALLY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REQUISITION AND INVOICE / SHIPPING DOCUMENT

Form Approved
OMB No. 0704-0246
Expires Dec 13, 1998

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0246), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES, RETURN COMPLETED FORM TO THE ADDRESS IN ITEM 2

1. FROM: (Include ZIP Code) Commander 1st Bn, 1st SFG (A) APO, AP 96376		Attn: PBO Com #: 011-81-611-744-4441		SHEET NO.	NO. OF SHEETS	5. REQUISITION DATE	6. REQUISITION NUMBER				
				7. DATE MATERIAL REQUIRED (YYMMDD)			8. PRIORITY				
2. TO: (Include ZIP Code) Remington Arms Co., Inc. 14 Hoefler Avenue Llion, NY 13357-1816				9. AUTHORITY OR PURPOSE							
				10. SIGNATURE			11a. VOUCHER NUMBER & DATE (YYMMDD)				
3. SHIP TO - MARK FOR Attn: Fabricated Products Dept.				12. DATE SHIPPED (YYMMDD)			b.				
				13. MODE OF SHIPMENT			14. BILL OF LADING NUMBER				
				15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.							
4. APPROPRIATIONS SYMBOL AND SUBHEAD				OBJECT CLASS	EXPENDITURE ACCOUNT (From) (To)		CHARGEABLE ACTIVITY	BUREAU CONTROL ACTIVITY NO.	BUREAU CONTROL NO.	AMOUNT	
ITEM NO. (a)	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIEL AND / OR SERVICES (b)				UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CON-TAINER (f)	CON-TAINER NOS. (g)	UNIT PRICE (h)	TOTAL COST (i)
1.	1005-01-01-240-2136 Rifle, 7.62mm Sniper M24 S/N# C6225190/871127, C6225339, C6225343/881219, C6348920, C6225218				EA	5	5			5,145.00	25,725.00
	-----Nothing Follows-----										
16. TRANSPORTATION VIA MATS OR MSTs CHARGEABLE TO					17. SPECIAL HANDLING						
18. RECAP SHIPMENT ISSUED BY CHECKED BY PACKED BY	TOTAL CON-TAINERS	TYPE CON-TAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE	18. RECEIPT CONTAINERS RECEIVED EXCEPT AS NOTED QUANTITIES RECEIVED EXCEPT AS NOTED POSTED	DATE (YYMMDD)	BY	SHEET TOTAL 25,725.00		
							DATE (YYMMDD)	BY	GRAND TOTAL		
							DATE (YYMMDD)	BY	20. RECEIVER'S VOUCHER NO.		
			TOTAL								

BARBER - M24 0013214

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225343
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1326
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0868
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .158483

THE AMR FOR THIS RIFLE IS: 1.086

CENTROIDAL DISTANCES

0	TO	1	.114018
1	TO	2	.401898
1	TO	3	.238271
1	TO	4	.357946
1	TO	5	.337415

4
+1 3 <----POA
5
2

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .114

MIN RADIUS : .331

MEAN RADIUS : 1.112

MAX RADIUS : 2.813

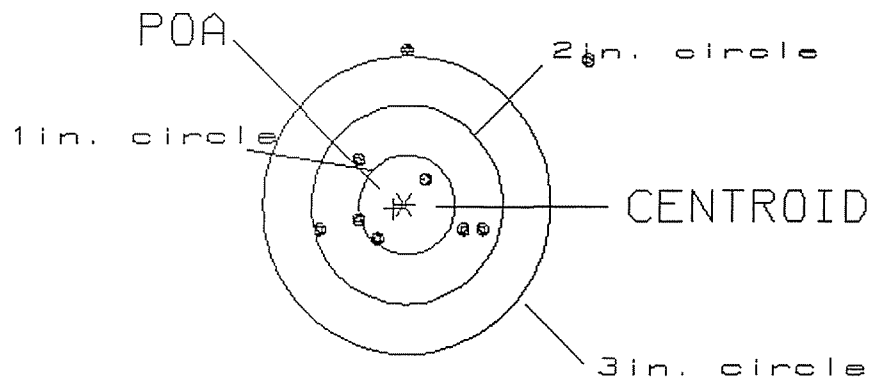
CENTROID X : .106

CENTROID Y : .042

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225343

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.15

2

VS= 4.10

7

GS= 5.05

7

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .404

MIN RADIUS : .200

MEAN RADIUS : 1.231

MAX RADIUS : 2.212

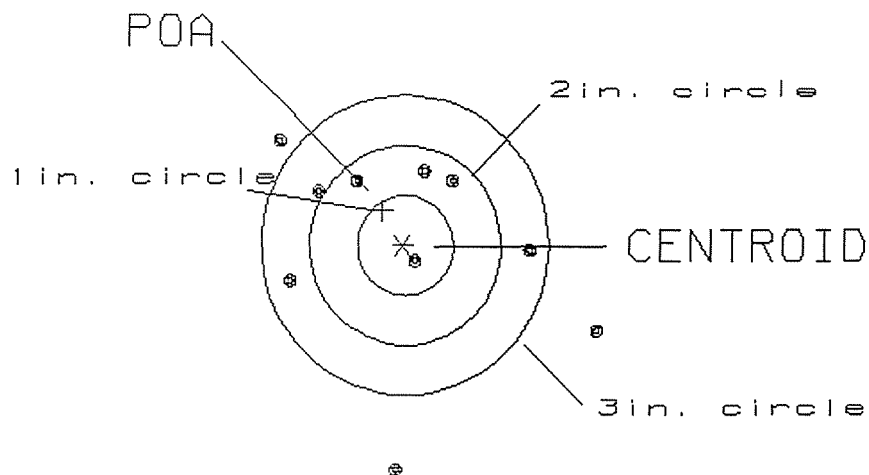
CENTROID X : .207

CENTROID Y : -.347

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225343

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.26

1

VS= 3.30

4

GS= 3.80

7

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .322

MIN RADIUS : .075

MEAN RADIUS : .964

MAX RADIUS : 1.998

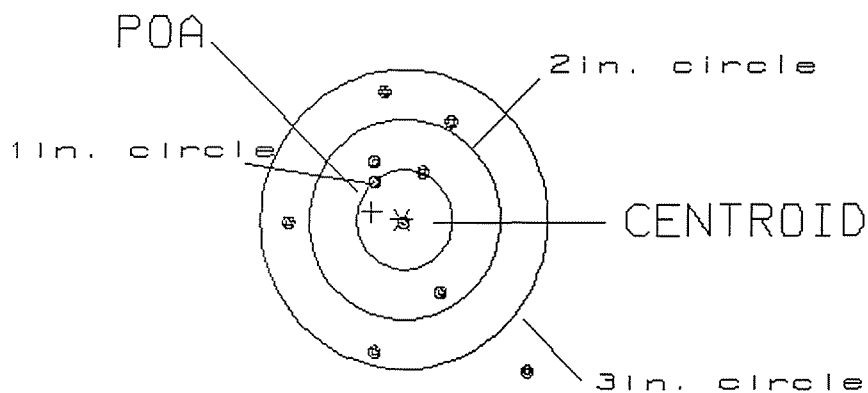
CENTROID X : .313

CENTROID Y : -.076

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225343

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.58

1

VS= 2.75

5

GS= 3.14

9

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .298

MIN RADIUS : .291

MEAN RADIUS : 1.152

MAX RADIUS : 2.095

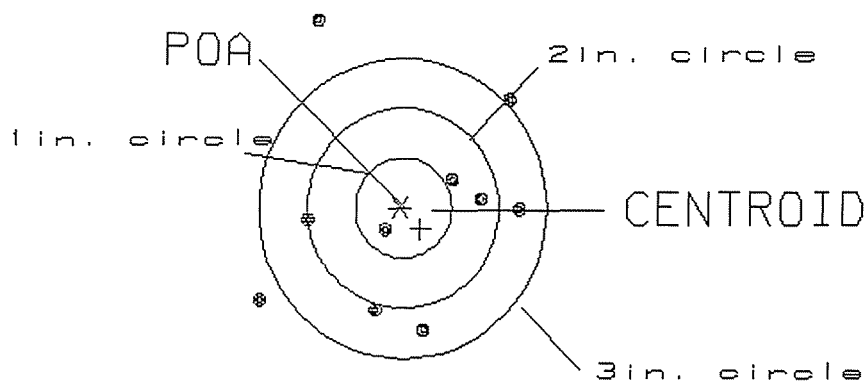
CENTROID X : -.209

CENTROID Y : .212

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225343

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.67

1

VS= 3.06

4

GS= 3.27

7

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .361

MIN RADIUS : .049

MEAN RADIUS : .970

MAX RADIUS : 1.919

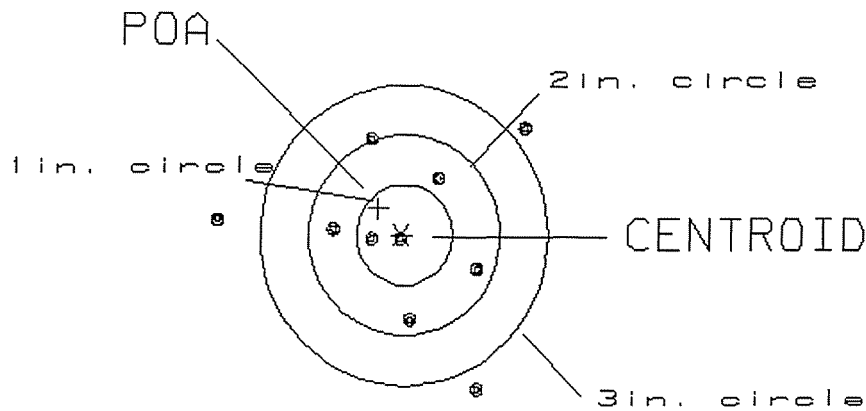
CENTROID X : .246

CENTROID Y : -.265

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225343

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.19

2

VS= 2.57

7

GS= 3.30

7

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225343

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

6-14-99

RW

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

6-16-99

RW

605

CHECK HEADSPACE

6-16-99

RW

610

DIS-ASSEMBLE

612

MAGNAFLUX

6-16-99

RW

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

9-3-99

RW

655

FINAL INSPECT

9-10-99

RW

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

S.N. C6225343	DATE REC'D: 6-9-99	DATE RET'D:
---------------	--------------------	-------------

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: _____

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225343*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>1/22</i>	<i>FB</i>
600	PROOF	<i>1/28/88</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>P/C</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>P/C</i>
620	COATING	<i>8/11/88</i>	<i>TJA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225343

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 & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/22/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/22/88	RW
	C) Inspect Ejector Hole for Chamfer		8/22/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/22/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake	2.43 2.56 2.47 2.48 2.46	22aug88	J.U. + S.S.
	F) Safety on Force	6.75 6.75 6	22aug88	J.U. + S.S.
	G) Safety off Force	4 4 4	22aug88	J.U. + S.S.
	H) Trigger Pull Test & Retainabilty	2.50 2.42 2.40 2.47 2.47 2.57	22aug88	J.U. + S.S.
	I) Firing Pin Indent	.022 .022 .022	22aug88	J.U. + S.S.
	J) Assemble Stock		8/24/88	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		9/6/88	RW
	M) Iron Sight Alignment		9/6/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/6/88	RW
	O) Attach Scope to Rifle		9/13/88	J.U.
	P) Detach & Attach Scope 20 times		9/13/88	J.U.
640	Gallery Target & Test	58R 97L	9/16/88	D.H.
	A) Optical Clarity of Scope		9/16/88	W.B.
645	Inspect for Live Ammo		9/16/88	W.B.
655	Final Inspection A) Headspace	OK	9/30/88	J.S.
	B) Trigger Pull	OK	9/30/88	J.S.
	C) Function	OK	9/30/88	J.S.
660	Pack	OK	10/20/88	W.B.

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225343

CENTROIDAL DISTANCES

0 TO	1	.101134
1 TO	2	.241075
1 TO	3	1.18346
1 TO	4	.408187
1 TO	5	.788651

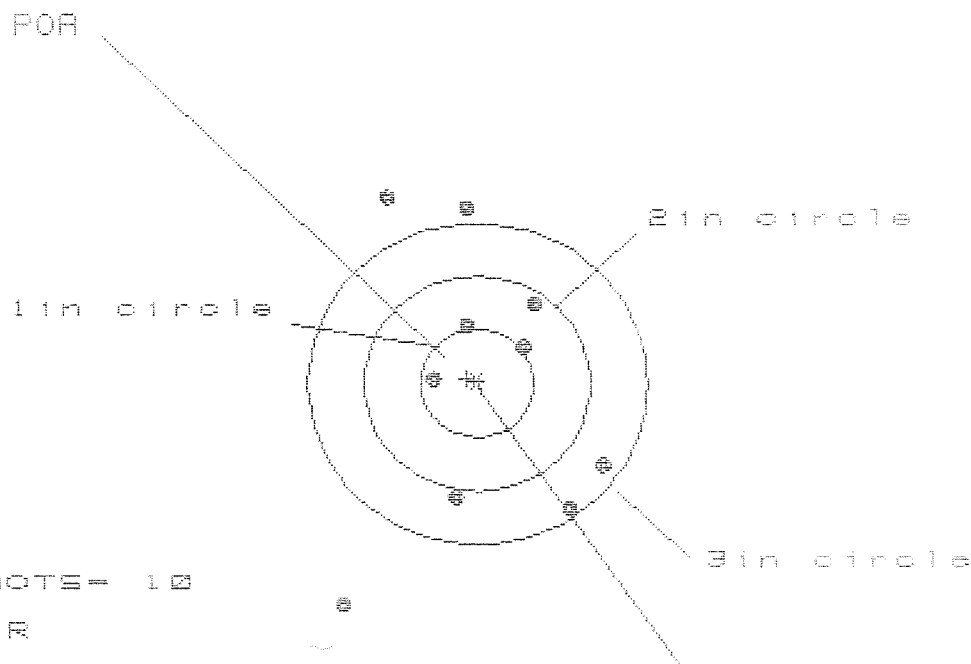
$\pm 5^4$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5768
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1076
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .58675
THE AMR FOR THIS RIFLE IS: 1.047

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225343

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.213

VS = 3.780

GS = 3.835

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	.944	.823
MINIMUM X	:	-1.142	-.966	-.627
MAXIMUM Y	:	1.710	1.480	1.586
MINIMUM Y	:	-2.070	-1.354	-1.168
CENTROID X	:	.092	.219	.340
CENTROID Y	:	-.042	.188	.003
POA TO CENTROID in.	:	.101	.288	.340
MIN RADIUS	:	.383	.332	.350
MEAN RADIUS	:	1.200	1.027	.943
MAX RADIUS	:	2.364	1.768	1.631
HORIZONTAL SPREAD	:	2.213	1.910	1.450
VERTICAL SPREAD	:	3.780	2.834	2.754
EXTREME SPREAD	:	3.835	3.281	2.913
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=			7

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225343

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.658

VS= 3.393

GS= 3.413

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.128	1.139	.949
MINIMUM X	:	-1.530	-1.519	-1.061
MAXIMUM Y	:	1.853	.912	.712
MINIMUM Y	:	-1.540	-1.334	-1.220
CENTROID X	:	.306	.295	.485
CENTROID Y	:	-.153	-.359	-.474
POA TO CENTROID in.	:	.342	.465	.678
MIN RADIUS	:	.462	.337	.117
MEAN RADIUS	:	1.090	.974	.814
MAX RADIUS	:	1.856	1.772	1.301
HORIZONTAL SPREAD	:	2.658	2.658	2.010
VERTICAL SPREAD	:	3.393	2.246	1.931
EXTREME SPREAD	:	3.413	2.738	2.163
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08825343

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.842

VS= 1.814

GS= 1.861

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.973	.928	.935
MINIMUM X	:	-.869	-.914	-.907
MAXIMUM Y	:	1.169	1.148	.413
MINIMUM Y	:	-.745	-.615	-.471
CENTROID X	:	1.209	1.254	1.247
CENTROID Y	:	.349	.219	.075
POA TO CENTROID in.	:	1.258	1.273	1.250
MIN RADIUS	:	.152	.289	.376
MEAN RADIUS	:	.741	.675	.595
MAX RADIUS	:	1.238	1.149	1.000
HORIZONTAL SPREAD	:	1.842	1.842	1.842
VERTICAL SPREAD	:	1.914	1.763	.884
EXTREME SPREAD	:	1.961	1.847	1.847
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225343

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 7

HS = 3.586

VS = 2.514

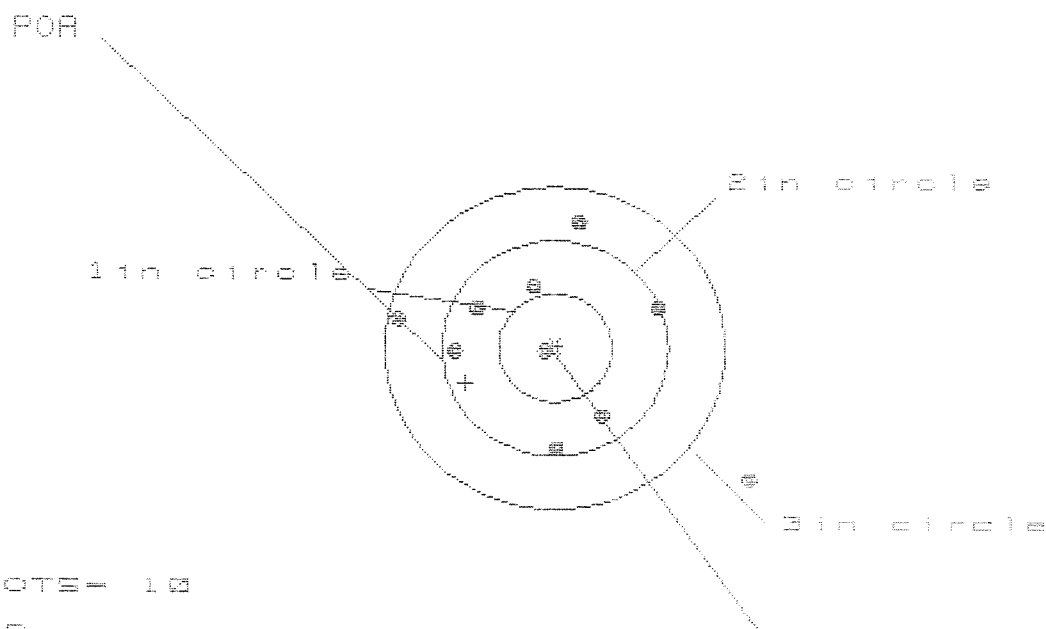
GS = 4.379

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.831	1.635	.898
MINIMUM X	:	-1.755	-1.198	-.993
MAXIMUM Y	:	1.124	.969	1.072
MINIMUM Y	:	-1.390	-1.395	-1.273
CENTROID X	:	.488	.684	.479
CENTROID Y	:	.057	.212	.090
POA TO CENTROID in.	:	.492	.716	.488
MIN RADIUS	:	.270	.302	.236
MEAN RADIUS	:	1.224	1.113	.977
MAX RADIUS	:	2.239	1.901	1.615
HORIZONTAL SPREAD	:	3.586	2.833	1.891
VERTICAL SPREAD	:	2.514	2.364	2.345
EXTREME SPREAD	:	4.379	3.690	2.912
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225343

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 3.091

VS = 2.443

GS = 3.451

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.721	1.059	.912
MINIMUM X	-1.370	-1.179	-.826
MAXIMUM Y	1.198	1.059	1.078
MINIMUM Y	-1.245	-1.052	-1.033
CENTROID X	.789	.598	.745
CENTROID Y	.327	.466	.447
POR TO CENTROID in.	.854	.758	.869
MIN RADIUS	.144	.220	.207
MEAN RADIUS	.979	.822	.777
MAX RADIUS	2.124	1.188	1.107
HORIZONTAL SPREAD	3.091	2.238	1.738
VERTICAL SPREAD	2.443	2.111	2.111
EXTREME SPREAD	3.451	2.240	2.120
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225343DATE 22 Aug 88TESTER J. G. + R. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.31	2.50	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.31	2.40	2.57	
PULL #3	2.46	2.28	2.47	2.62	
PULL #4	2.56	2.31	2.42	2.58	
PULL #5	2.48	2.32	2.57	2.57	
TOTAL	12.40	11.53	12.36	12.91	
AVG.	2.48	2.306	2.472	2.582	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	2.71		
PULL #2	2.80	2.90		
PULL #3	2.79	2.92		
PULL #4	2.78	2.93		
PULL #5	2.78	3.00		
TOTAL	14.21	14.46		
AVG.	2.842	2.892		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.09	4.26	4.04
PULL #2	3.99	3.92	4.39	4.08
PULL #3	3.98	4.05	4.47	4.05
PULL #4	3.95	3.95	4.34	4.16
PULL #5	4.13	3.93	4.26	4.22
TOTAL	20.34	19.94	21.72	20.55
AVG.	4.068	3.988	4.344	4.11