

C6225218

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

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

BARBER - M24 ~~0040829~~ **M2400010859**

BARBER - M24 0010821

GPO : 1991 0 - 301-856 (40140)

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0010821 0010860

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0010822

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, 1996							
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 MATERIAL AND / OR SERVICES (b)					UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CONTAINER (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 -----Nothing Follows-----					EA	5	5			5,145.00	25,725.00					
16. TRANSPORTATION VIA MATS OR MSTs CHARGEABLE TO																	
RECEIPT OF SHIPMENT TALLY IN	18. ISSUED BY		TOTAL CON-TAINERS	TYPE CON-TAINER	DESCRIPTION			TOTAL WEIGHT		TOTAL CUBE		19. CONTAINERS RECEIVED EXCEPT AS NOTED	DATE (YYMMDD)		BY	SHEET TOTAL	
	CHECKED BY															25,725.00	
	PACKED BY															GRAND TOTAL	
																20. RECEIVER'S VOUCHER NO.	

DD Form 1149, DEC 93

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
PREVIOUS EDITION MAY BE USED.

USAPPC V1 10

BARBER - M24 0010822

BARBER - M24 0010823

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225218DATE 9/2/99TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.41	2.41	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.11	2.32	
PULL #3	2.40	2.16	2.06	
PULL #4	2.46	2.27	2.11	
PULL #5	2.32	2.19	2.28	
TOTAL	12.11	11.14	11.26	
AVG.	2.42	2.23	2.25	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.03	2.97	
PULL #2	3.46	2.89	
PULL #3	3.16	3.03	
PULL #4	3.11	2.91	
PULL #5	3.04	2.98	
TOTAL	15.80	14.78	
AVG.	3.16	2.96	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.07		4.12
PULL #2	4.43	3.98		4.03
PULL #3	4.22	3.87		3.83
PULL #4	4.59	4.07		3.99
PULL #5	4.41	3.93		4.35
TOTAL	22.02	19.90		20.32
AVG.	4.40	3.98		4.06

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225218
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0314
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0702
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0769025

THE AMR FOR THIS RIFLE IS: 1.103

CENTROIDAL DISTANCES

Ø TO	1	.144734
1 TO	2	.327713
1 TO	3	.488943
1 TO	4	.535248
1 TO	5	.200092

1
5
3 <----POA
4 2

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .145

MIN RADIUS : .187

MEAN RADIUS : 1.158

MAX RADIUS : 1.993

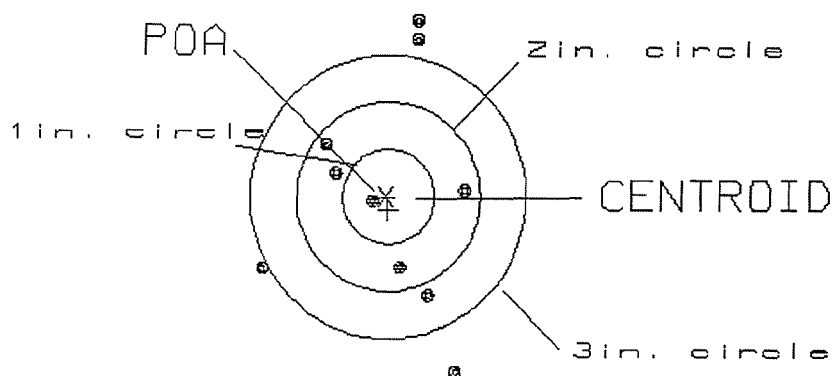
CENTROID X : -.028

CENTROID Y : .142

9 Sep 1999

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225218

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.28

1

VS= 3.70

5

GS= 3.72

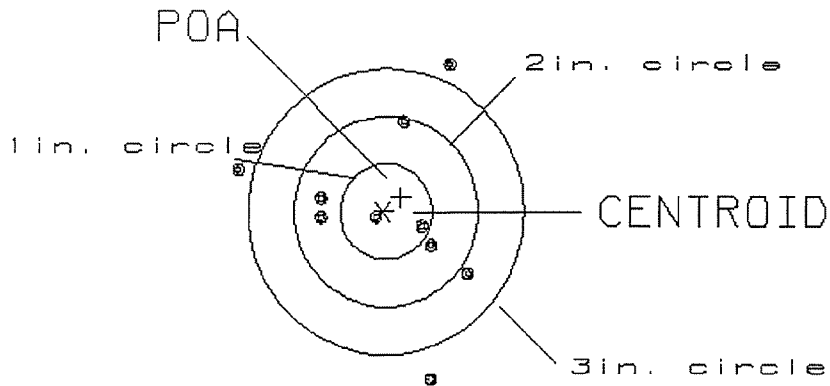
6

PATTERN #: 2
 POA TO CENTROID: .237
 MIN RADIUS : .099
 MEAN RADIUS : .989
 MAX RADIUS : 1.846
 CENTROID X : -.188
 CENTROID Y : -.144

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225218

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.47

2

VS= 3.36

6

GS= 3.36

7

BARBER - M24 0010827

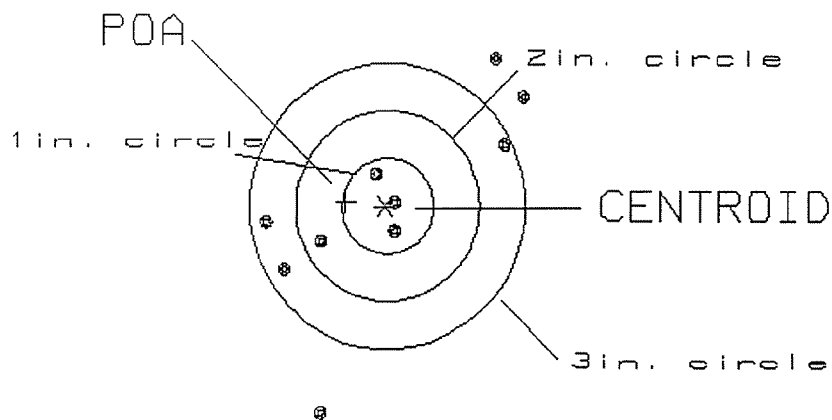
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .427
MIN RADIUS : .116
MEAN RADIUS : 1.175
MAX RADIUS : 2.311
CENTROID X : .425
CENTROID Y : -.042

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225218

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.77

3

VS= 3.74

4

GS= 4.18

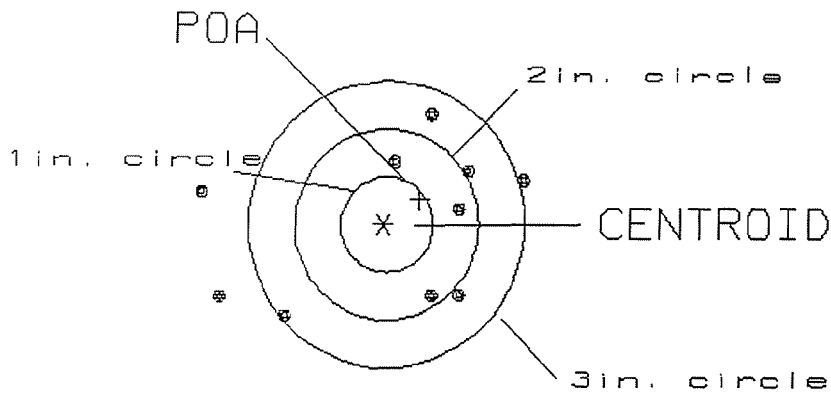
7

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .464
 MIN RADIUS : .640
 MEAN RADIUS : 1.275
 MAX RADIUS : 2.062
 CENTROID X : -.387
 CENTROID Y : -.255

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225218

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.53
 VS= 2.05
 GS= 3.56

0
 3
 7

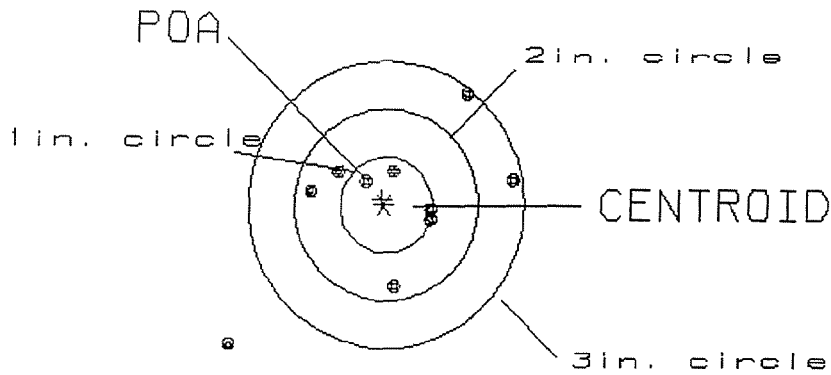
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .056
 MIN RADIUS : .342
 MEAN RADIUS : .916
 MAX RADIUS : 2.238
 CENTROID X : .021
 CENTROID Y : -.052

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225218

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.08
 VS= 2.63
 GS= 3.71

4
 7
 9

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6275218

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	
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	9-7-99	RW
655	FINAL INSPECT	9-10-99	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225218

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:

BARBER - M24 M2400010871

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225218*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY <i>2</i>	<i>26</i>	<i>FB</i>
600	PROOF	<i>29</i>	<i>Ru</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>P/K.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>P/K.</i>
620	COATING	<i>8/6/88</i>	<i>TJA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1117

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225218

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	HW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/22/88	HW
	C) Inspect Ejector Hole for Chamfer		8/22/88	HW

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	2.48 2.52 2.50 2.51 2.40 2.51	22 Aug 88	J. U. + B. S.
	F) Safety on Force	6 6 6	22 Aug 88	J. U. + B. S.
	G) Safety off Force	3 3 3	22 Aug 88	J. U. + B. S.
	H) Trigger Pull Test & Retainability	2.38 2.44 2.35 2.41 2.36 2.41	22 Aug 88	J. U. + B. S.
	I) Firing Pin Indent	.021 .0215 .021	22 Aug 88	J. U. + B. 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		9/12/88	RW
	P) Detach & Attach Scope 20 times		9/13/88	W. B.
640	Gallery Target & Test	60 R 95L	9/15/88	AC
	A) Optical Clarity of Scope		9/15/88	AC
645	Inspect for Live Ammo		OK	AC
655	Final Inspection			
	A) Headspace	9/29/88	OK	JU
	B) Trigger Pull	9/29/88	OK	JU
	C) Function	9/29/88	OK	JU
660	Pack		10-20-88	J. S.

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225218

CENTROIDAL DISTANCES

0 TO	1	.280264
1 TO	2	1.71887
1 TO	3	.300167
1 TO	4	.644546
1 TO	5	.882111

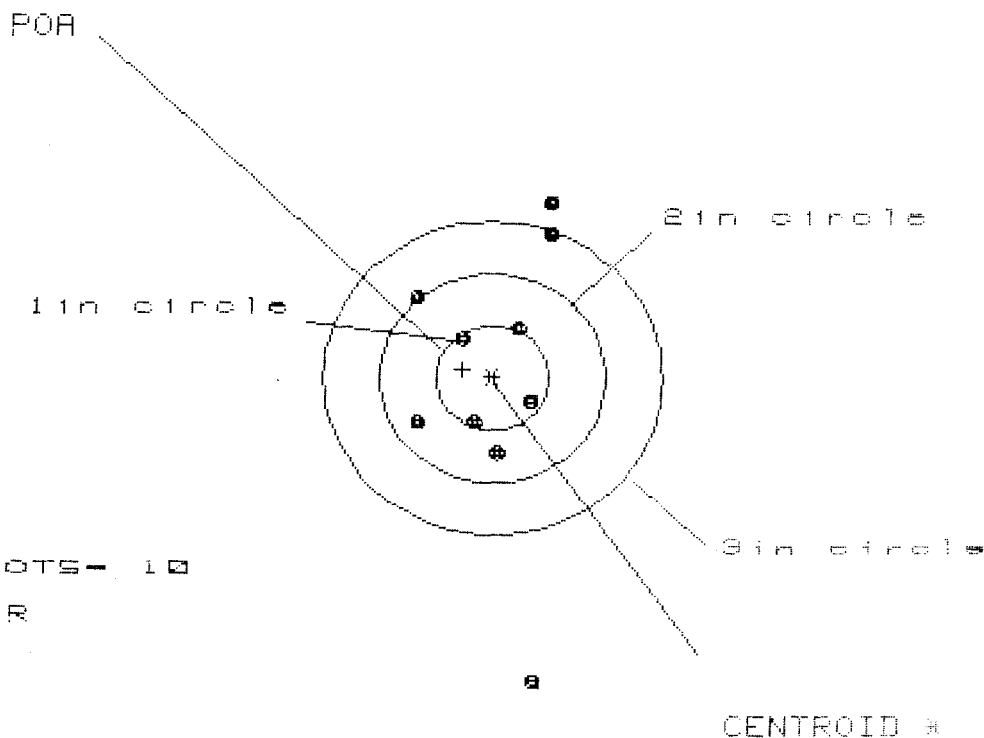
2
5
+1 3 4 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3044
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2152
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .372787
THE AMR FOR THIS RIFLE IS: .9438

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS825210

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 1.248

VS = 4.583

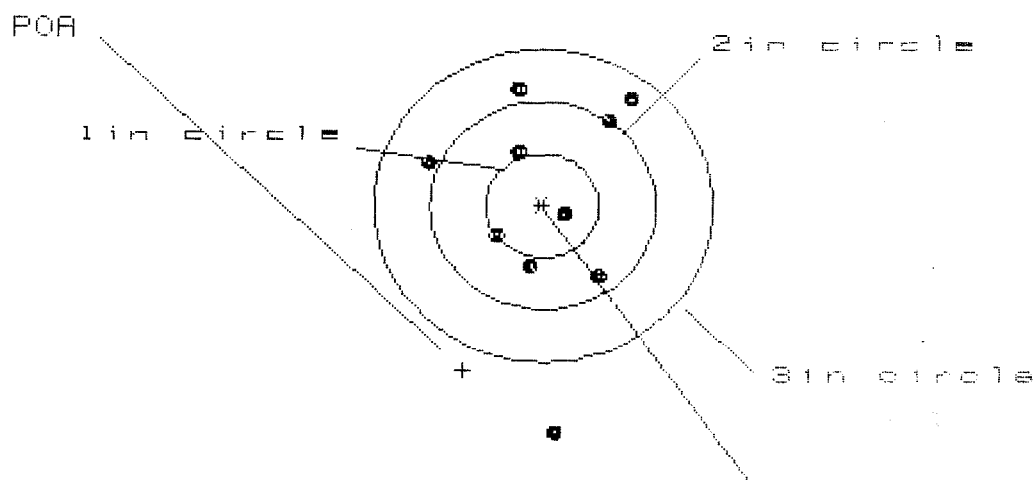
GS = 4.589

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.533	.566	.594
MINIMUM X	:	-.715	-.682	-.612
MAXIMUM Y	:	1.662	1.337	1.251
MINIMUM Y	:	-2.921	-1.091	-.924
CENTROID X	:	.268	.235	.165
CENTROID Y	:	-.082	.243	.076
POA TO CENTROID in.	:	.280	.338	.181
MIN RADIUS	:	.384	.293	.336
MEAN RADIUS	:	1.065	.834	.737
MAX RADIUS	:	2.936	1.452	1.385
HORIZONTAL SPREAD	:	1.248	1.248	1.206
VERTICAL SPREAD	:	4.583	2.428	2.175
EXTREME SPREAD	:	4.589	2.482	2.226
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	8		

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225218

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.835

VS = 3.292

GS = 3.320

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.798	.804	.677
MINIMUM X	:	-1.037	-1.031	-.930
MAXIMUM Y	:	1.081	.836	.933
MINIMUM Y	:	-2.211	-.965	-.868
CENTROID X	:	.714	.708	.687
CENTROID Y	:	1.578	1.823	1.726
POA TO CENTROID in.	:	1.732	1.956	1.830
MIN RADIUS	:	.168	.350	.337
MEAN RADIUS	:	.940	.790	.736
MAX RADIUS	:	2.211	1.119	1.025
HORIZONTAL SPREAD	:	1.835	1.835	1.687
VERTICAL SPREAD	:	3.292	1.801	1.801
EXTREME SPREAD	:	3.320	1.931	1.931
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

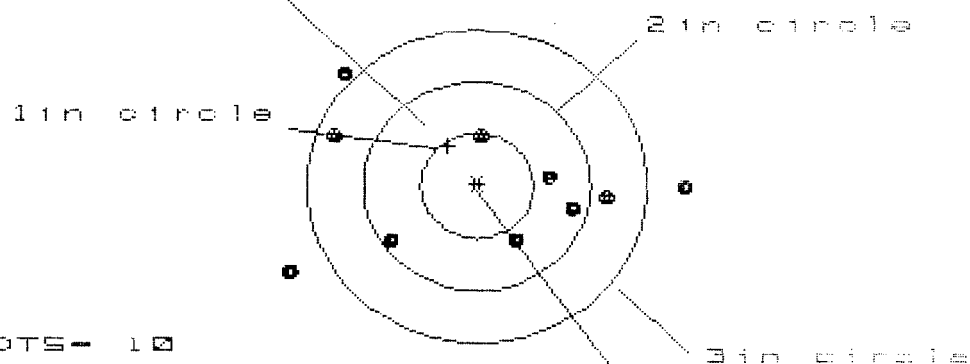
16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225218

CENTERFIRE PATTERNS

3

POA



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.530

VS= 1.874

GS= 3.622

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.880	1.318	1.138
MINIMUM X	:	-1.650	-1.441	-1.268
MAXIMUM Y	:	1.093	1.096	.999
MINIMUM Y	:	-.781	-.778	-.639
CENTROID X	:	.258	.049	.229
CENTROID Y	:	-.382	-.385	-.288
POA TO CENTROID in.	:	.461	.389	.368
MIN RADIUS	:	.470	.549	.385
MEAN RADIUS	:	1.148	1.080	.974
MAX RADIUS	:	1.880	1.638	1.537
HORIZONTAL SPREAD	:	3.530	2.759	2.406
VERTICAL SPREAD	:	1.874	1.874	1.638
EXTREME SPREAD	:	3.622	2.839	2.602
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225218

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 3

2 in - 8

3 in - 10

HS - 1.233

VS - 1.901

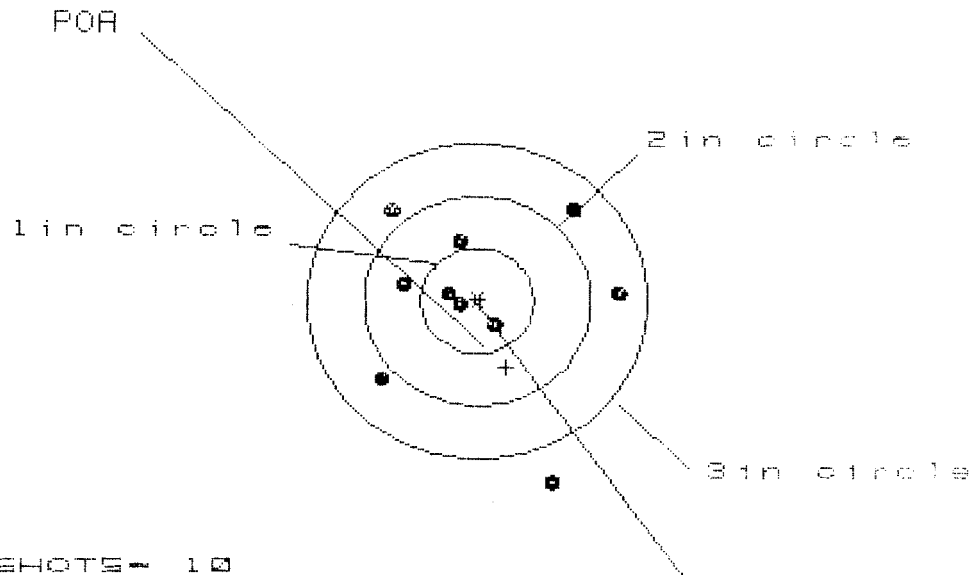
GS - 1.960

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.516	.545	.559
MINIMUM X	:	-.717	-.688	-.674
MAXIMUM Y	:	.785	.661	.511
MINIMUM Y	:	-1.116	-1.198	-.738
CENTROID X	:	.532	.503	.489
CENTROID Y	:	-.670	-.546	-.396
POA TO CENTROID in.	:	.855	.742	.629
MIN RADIUS	:	.316	.324	.272
MEAN RADIUS	:	.713	.643	.545
MAX RADIUS	:	1.147	1.203	.926
HORIZONTAL SPREAD	:	1.233	1.233	1.233
VERTICAL SPREAD	:	1.901	1.859	1.249
EXTREME SPREAD	:	1.960	1.871	1.483
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225218

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.086

VS= 2.591

GS= 2.895

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.245	1.314	1.069
MINIMUM X	:	-.841	-.772	-.607
MAXIMUM Y	:	.905	.717	.702
MINIMUM Y	:	-1.686	-.882	-.897
CENTROID X	:	-.250	-.319	-.483
CENTROID Y	:	.632	.820	.935
POA TO CENTROID in.	:	.680	.880	.965
MIN RADIUS	:	.197	.215	.165
MEAN RADIUS	:	.853	.725	.618
MAX RADIUS	:	1.797	1.320	1.279
HORIZONTAL SPREAD	:	2.086	2.086	1.676
VERTICAL SPREAD	:	2.591	1.599	1.599
EXTREME SPREAD	:	2.895	2.316	2.316
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

SWS TRIGGER PULL TEST

BARBER - M24 0010842

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225218DATE 22 Aug. 88TESTER J. C. + M. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.43	2.38	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.34	2.35	2.66	
PULL #3	2.46	2.40	2.36	2.65	
PULL #4	2.52	2.32	2.44	2.68	
PULL #5	2.51	2.38	2.41	2.74	
TOTAL	12.47	11.87	11.94	13.40	
AVG.	2.494	2.374	2.388	2.68	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.01	2.90		
PULL #2	2.99	2.87		
PULL #3	2.97	2.85		
PULL #4	2.88	2.86		
PULL #5	2.96	2.91		
TOTAL	14.81	14.39		
AVG.	2.962	2.878		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.19		4.03 4.67
PULL #2	4.15	4.21		4.14
PULL #3	4.15	4.22		4.15
PULL #4	4.22	4.24		4.16
PULL #5	4.26	4.23		4.18
TOTAL	20.95	21.09		20.66
AVG.	4.19	4.218		4.132