

C6348920

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smith
Swend[®]

ORDER
R 99-12461

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/99	06/10/99	PJ 6-89	C6348920		700 7.62 M24/NATO
ACCESSORIES	W/STUDS	SCOPE BASE			

SHIP TO:

COMMANDER
1ST BN 1ST SFG A UNIT 35123
ATTN PROPERTY BOOK OFFICER
PSC 560 TORII STA. CA
96374

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

REPAIR CHARGE
EXCISE
TAX
INSURANCE
UPS
PARCEL POST
TOTAL

MAIN FAULT[illegible]

BD6325 3EV 7/97

BARBER - M24 **M2400041660**

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION			2. NOMENCLATURE AND MODEL						
3. REGISTRATION/SERIAL/NO.			4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	e. DATE	6. TYPE INSPECTION	
C6348920					UNK		5/12/99	LTI	
7. APPLICABLE REFERENCE									
TM NUMBER			TM DATE		TM NUMBER			TM DATE	
COLUMN a — Enter TM item number.					COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.				
COLUMN b — Enter the applicable condition status symbol.					COLUMN e — Individual ascertaining completed corrective action initial in this column.				
COLUMN c — Enter deficiencies and shortcomings.									
STATUS SYMBOLS									
"X"—Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "—"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL—Indicates that a completely satisfactory condition exists. FOR AIRCRAFT—Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)			9b. TIME	
Charlie Jones									
10. MANHOURS REQUIRED									
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS			CORRECTIVE ACTION			INITIAL WHEN CORRECTED	
a	b	c			d			e	
1		CRACKED STOCK AROUND FRONT TWO SLING SWIVEL STICKS			REPAIR/REPLACE STOCK				
2		BURRED BOX MAGAZINE			DEBURR			CS	
3		BARREL NOT FREE FLOATING			SAND/FREE FLOAT			CS	
4		NO ROUNDS FIRED CARD							
		Tech. Inspected Function							
		Checked NO LIVE FIRE							
		Condition Code: F			NEED PART OR REPAIR				
		NOTE: GREASE BACK OF BOLT LUGS							

[illegible]

BARBER - M24 0041629 **M2400041662**

FROM: COMMANDER
1ST BN, 1ST SFG (A)
ATTN: PBO TORII STATION
OKINAWA JAPAN
APO, AP 96376

Received in Damaged Condition
at Buffalo, N.Y. 14240

Received in Damaged Condition
at Buffalo, N.Y. 14240

TO: REMINGTON ARMS CO., INC.
14 HOEFLE AVENUE
ATTN: FABRICATED PRODUCTS DEPT.
LLION, NY 13357-1816

BARBER - M24 0041625

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348920
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.084
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .150436

THE AMR FOR THIS RIFLE IS: 1.052

CENTROIDAL DISTANCES

0 TO	1	.472331
1 TO	2	.491147
1 TO	3	.517958
1 TO	4	.336488
1 TO	5	.657247

1 4 2 5 <----POA
3

BARBER - M24 0041626

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .472

MIN RADIUS : .054

MEAN RADIUS : 1.011

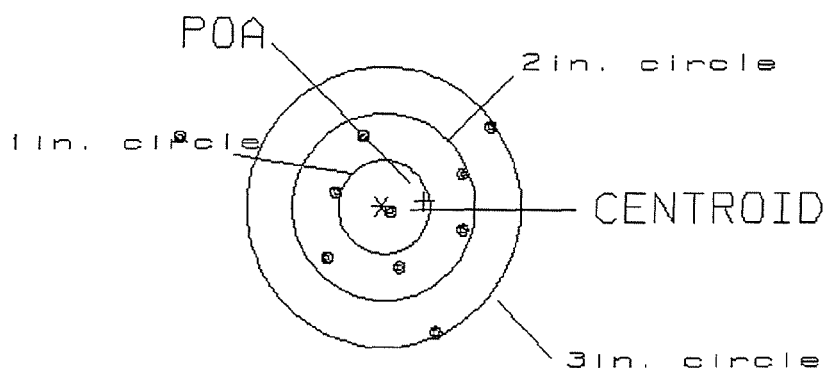
MAX RADIUS : 2.322

CENTROID X : -.469

CENTROID Y : -.056

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348920

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.36

1

VS= 2.27

7

GS= 3.51

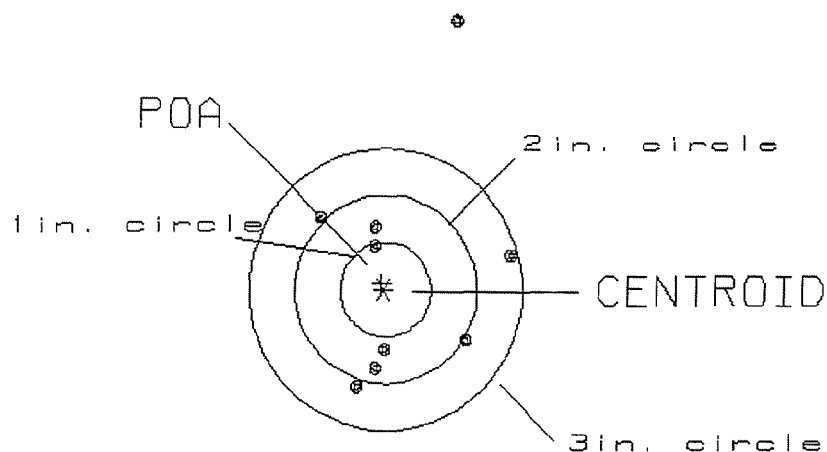
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .072
 MIN RADIUS : .493
 MEAN RADIUS : 1.304
 MAX RADIUS : 2.983
 CENTROID X : .022
 CENTROID Y : -.068

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348920

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.18

1

VS= 5.06

4

GS= 5.66

5

BARBER - M24 0041628

REMINGTON CENTERFIRE ACCURACY TEST

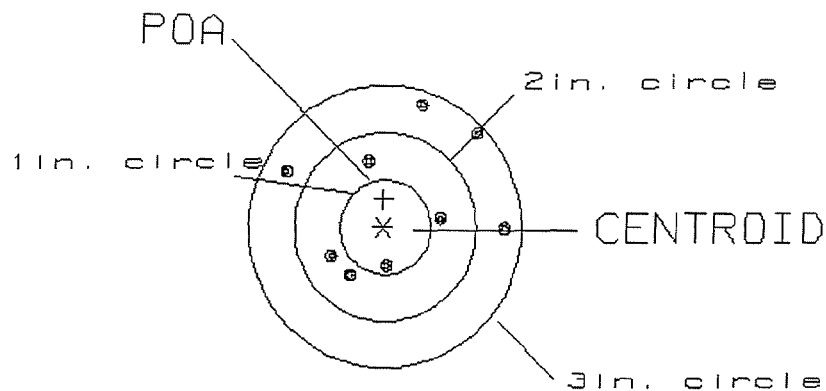
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID: .296
MIN RADIUS : .369
MEAN RADIUS : 1.097
MAX RADIUS : 2.767
CENTROID X : -.010
CENTROID Y : -.296

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348920

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.54

1

VS= 3.75

5

GS= 4.10

9

BARBER - M24 0041629

REMINGTON CENTERFIRE ACCURACY TEST

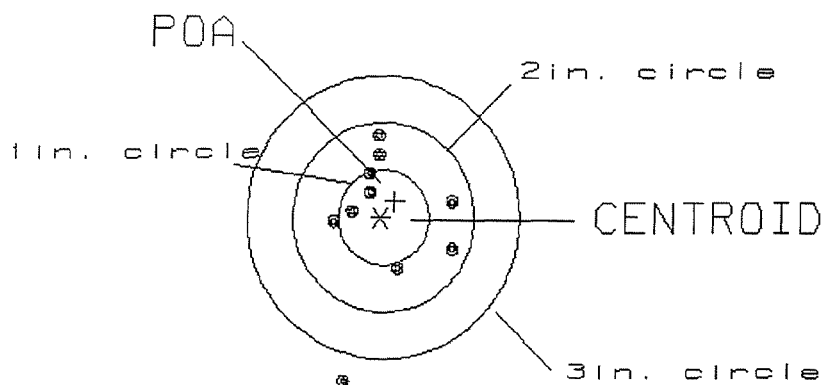
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .224
 MIN RADIUS : .282
 MEAN RADIUS : .740
 MAX RADIUS : 1.800
 CENTROID X : -.151
 CENTROID Y : -.166

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348920

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.35

2

VS= 2.65

9

GS= 2.68

9

BARBER - M24 0041630

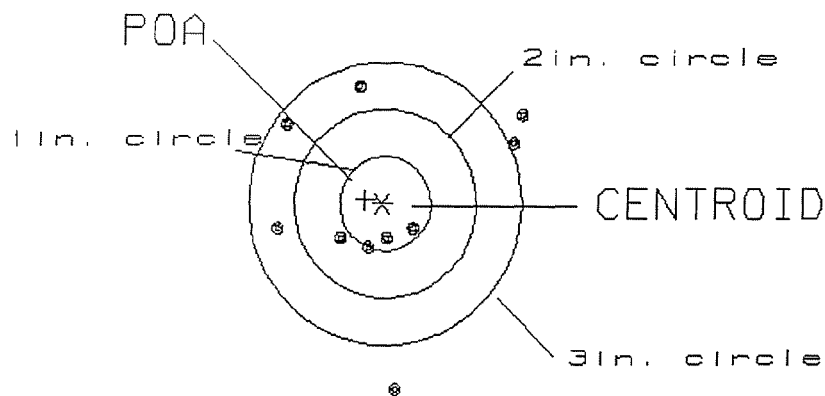
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
POA TO CENTROID: .192
MIN RADIUS : .346
MEAN RADIUS : 1.109
MAX RADIUS : 1.950
CENTROID X : .188
CENTROID Y : -.038

9 Sep 1999

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348920

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.68

2

VS= 3.15

4

GS= 3.24

7

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6348920

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

S.N: C6348920

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: _____

Remington
MODEL 700™ M24

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

REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6348920

ORDER NO.
5716

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

01

UPC
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348920

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt		7/13	KCR
615	Rollmark Caliber		7/13	JS.
617	Drill and Tap Sight Holes	7 13	89	FB
618	Polish Barrel <i>Rob</i>	7 13	89	BT
620	Apply Coatings (Barrel Action)		7-21-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		31 July 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/11/89	JS
	G) Safety Off Force	3	3	3			3/11/89	JS
	H) Trigger Pull Test & Retainability						3/11/89	JS
	I) Firing Pin Indent	.020	.021	.020			3/11/89	JS
	J) Assemble Stock						8/1/89	RW
	K) Assemble Swivel Studs						8/1/89	JS
	L) Attach Front and Rear Sight Assemblies						8/1/89	RW
	M) Iron Sight Alignment						8/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/1/89	RW
	O) Attach Scope to Rifle						8/1/89	WB
	P) Detach & Attach Scope 20 Times						8/1/89	WB
640	Gallery Target & Test	71 R	77 L				8-2-89	AC
	A) Time						8-2-89	K
	B) Malfunctions						8-2-89	K
	C) Pierced Primers						8-2-89	K
	D) Optical Clarity of Scope						8-2-89	K
645	Inspect for Live Ammo						8-2-89	K
655	Final Inspection							
	A) Headspace						2 aug 89	JS
	B) Trigger Pull	2.67	2.55	2.72	2.76	2.44	2 aug 89	JS
	C) Function						2 aug 89	JS
660	Pack						9/20/89	K

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348920
3 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.154984
1 TO	2	.0357351
1 TO	3	.854617
1 TO	4	.480513
1 TO	5	.367642

3 4
t_s <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0632
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0618
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0883939
THE AMR FOR THIS RIFLE IS: 1.019

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B920

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 2.830

VS= 3.075

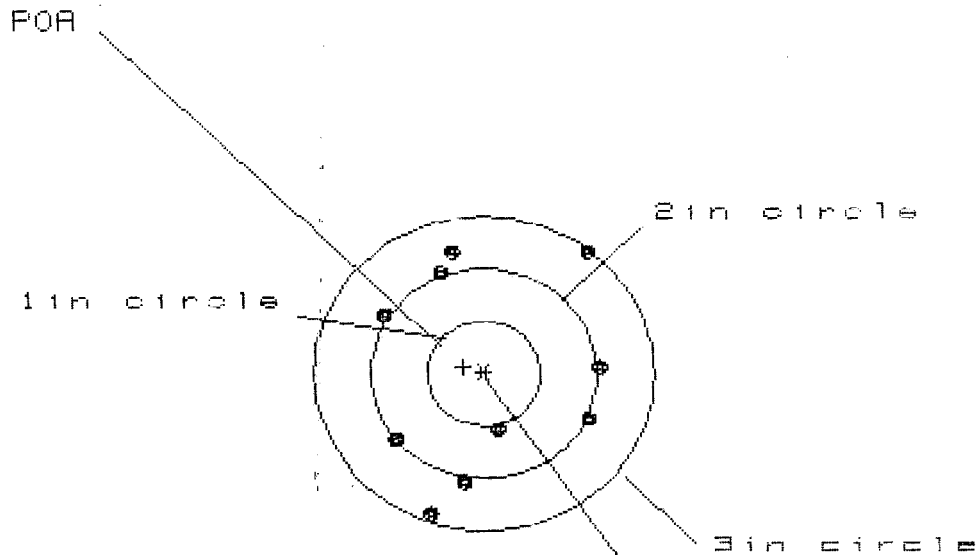
GS= 3.440

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.453	1.441	1.620
MINIMUM X	-1.377	-1.389	-1.210
MAXIMUM Y	1.118	.901	.809
MINIMUM Y	-1.957	-1.103	-.991
CENTROID X	.146	.157	-.022
CENTROID Y	-.052	.165	.053
POA TO CENTROID in.	.155	.228	.057
MIN RADIUS	.796	.746	.632
MEAN RADIUS	1.291	1.200	1.098
MAX RADIUS	1.959	1.711	1.811
HORIZONTAL SPREAD	2.830	2.830	2.830
VERTICAL SPREAD	3.075	2.004	1.800
EXTREME SPREAD	3.440	3.104	3.104
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

2 Aug 1989

FILE: /PATTERNING/CENTERFIRE_PATT/06346320

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 0

2in = 1

3in = 10

HS = 1.948

VS = 2.520

GS = 2.789

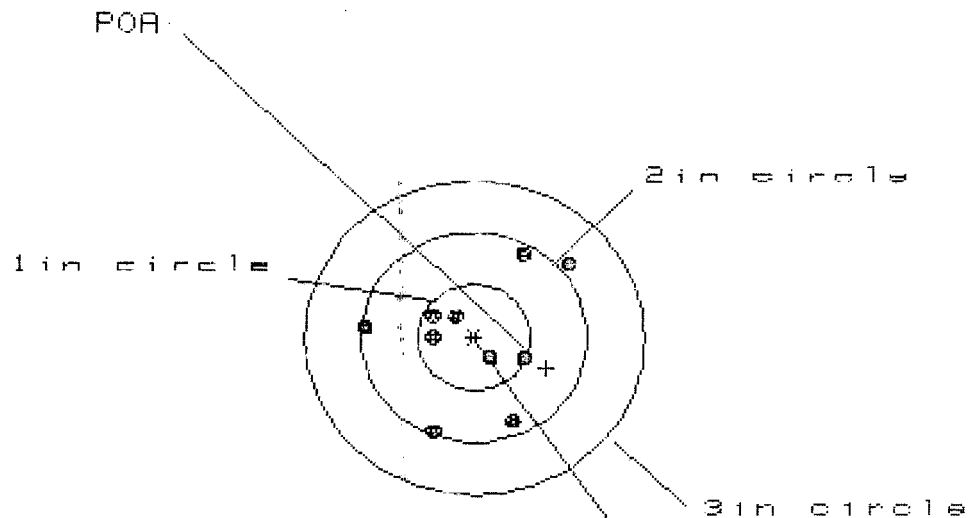
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.028	1.130	1.085
MINIMUM X	:	-.920	-.818	-.863
MAXIMUM Y	:	1.206	1.331	1.182
MINIMUM Y	:	-1.314	-1.189	-1.039
CENTROID X	:	.180	.078	.123
CENTROID Y	:	-.063	-.188	-.039
POA TO CENTROID in.	:	.190	.203	.129
MIN RADIUS	:	.520	.436	.557
MEAN RADIUS	:	1.080	1.020	.996
MAX RADIUS	:	1.447	1.337	1.195
HORIZONTAL SPREAD	:	1.948	1.948	1.948
VERTICAL SPREAD	:	2.520	2.520	2.221
EXTREME SPREAD	:	2.799	2.531	2.221
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348920

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= 1.786

VS= 1.681

GS= 1.927

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.809	.535	.425
MINIMUM X	:	-.977	-.887	-.404
MAXIMUM Y	:	.814	.887	.909
MINIMUM Y	:	-.867	-.794	-.772
CENTROID X	:	-.635	-.725	-.615
CENTROID Y	:	.295	.222	.200
POA TO CENTROID in.	:	.701	.758	.646
MIN RADIUS	:	.273	.272	.180
MEAN RADIUS	:	.661	.611	.570
MAX RADIUS	:	1.047	1.030	.998
HORIZONTAL SPREAD	:	1.786	1.422	.829
VERTICAL SPREAD	:	1.681	1.681	1.681
EXTREME SPREAD	:	1.927	1.860	1.860
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348320

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.315

VS= 2.591

GS= 2.972

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.021	1.124	1.057
MINIMUM X	:	-1.294	-1.191	-1.051
MAXIMUM Y	:	1.212	1.058	.907
MINIMUM Y	:	-1.379	-1.209	-.865
CENTROID X	:	.204	.101	-.039
CENTROID Y	:	.425	.579	.730
POA TO CENTROID in.	:	.472	.587	.731
MIN RADIUS	:	.510	.361	.224
MEAN RADIUS	:	1.076	.992	.875
MAX RADIUS	:	1.660	1.650	1.366
HORIZONTAL SPREAD	:	2.315	2.315	2.108
VERTICAL SPREAD	:	2.591	2.267	1.772
EXTREME SPREAD	:	2.972	2.785	2.348
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Aug 1989

FILE://PATTERNING/CENTERFIRE_PATT/C6348920

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.515

VS = 2.707

GS = 3.045

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.307	1.237	1.323
MINIMUM X	-1.208	-1.278	-1.192
MAXIMUM Y	1.442	1.019	.881
MINIMUM Y	-1.265	-1.105	-.776
CENTROID X	.421	.491	.405
CENTROID Y	-.296	-.456	-.318
POA TO CENTROID in.	.514	.670	.515
MIN RADIUS	.091	.266	.106
MEAN RADIUS	.986	.917	.853
MAX RADIUS	1.575	1.563	1.456
HORIZONTAL SPREAD	2.515	2.515	2.515
VERTICAL SPREAD	2.707	2.124	1.657
EXTREME SPREAD	3.045	2.864	2.864
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
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. C6348920

DATE 4-12-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.36	2.50	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.38	2.51	2.39	
PULL #3	2.30	2.32	2.53	2.28	
PULL #4	2.23	2.35	2.54	2.35	
PULL #5	2.35	2.39	2.58	2.32	
TOTAL	12.03	11.80	12.66	11.72	
AVG.	2.406	2.36	2.532	2.344	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.34		
PULL #2	3.49	3.34		
PULL #3	3.52	3.37		
PULL #4	3.32	3.37		
PULL #5	3.45	3.40		
TOTAL	17.24	16.82		
AVG.	3.448	3.364		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.42		
PULL #2	4.42	4.45		
PULL #3	4.30	4.53		
PULL #4	4.73	4.42		
PULL #5	4.42	4.31		
TOTAL	22.10	22.13		
AVG.	4.42	4.426		