

C-6225500
C-6225611

C6225500

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Number: **RE00018371** Serial: C6225500 Model: 700 Center Fire Caliber: 7.62 NATO M 24 (SWS) Repairman: Status: Closed 12/5/00 7:40:38 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 2: PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information: Phone: Fax: Email: Comments:	Received Condition: Condition: Notes: CSR Notes:	Accessories Received: <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1		
Code	Desc	Qty																				
A007	With Stud	1																				
A008	With Swivel	1																				
A016	Scope Mounts	1																				
A017	Scope Base	1																				
A026	Scope	1																				

Repair Search Refresh Close

12/5/00 9:35 AM

Number: **C6225500**

Model: **700**



RE00018371

Final Inspection

Sn: C6225500

DATE REC'D: 11-30-00

DATE RET'D:

Auditor: CK

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 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 18371			
SERIAL NUMBER C6225500			
LOG-IN DATE 11-30-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-5-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-10-00	C/K
605	CHECK HEADSPACE	12-10-00	C/K
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
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		
655	FINAL INSPECT	12-20-00	C/K
660	PACK	12-27-00	C/K
		SHIP DATE	
QAR INSPECTION DATE			

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225500
10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4428
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.804
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .917871

THE AMR FOR THIS RIFLE IS: 1.221

CENTROIDAL DISTANCES

0 TO 1	1.07238
1 TO 2	.254348
1 TO 3	.266925
1 TO 4	1.48632
1 TO 5	.665866

Diagram illustrating the relative positions of points 1, 2, 3, 4, and 5. Point 1 is at the top center, with points 2 and 3 below it. Point 4 is to the left of point 2, and point 5 is to the right of point 4. A horizontal line with an arrow points from point 1 to point 5, labeled 'POA'.

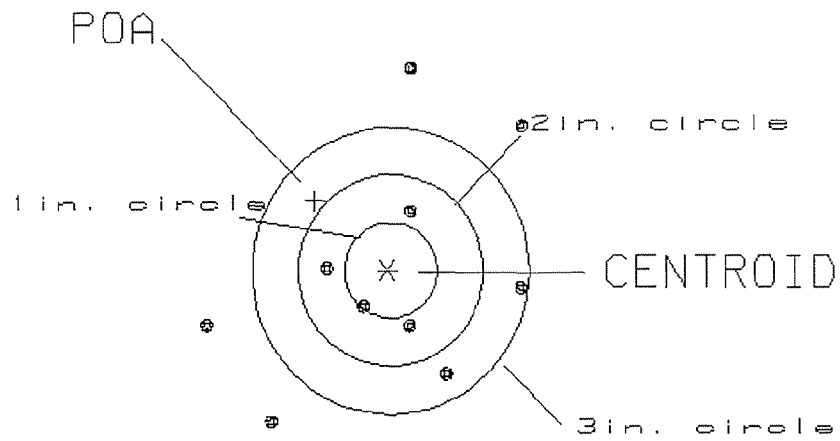
PATTERN #: ☐ 1 ☐

POA TO CENTROID: 1.072
 MIN RADIUS : .445
 MEAN RADIUS : 1.336
 MAX RADIUS : 2.112
 CENTROID X : .792
 CENTROID Y : -.723

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225500

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.44
 VS= 3.70
 GS= 4.12

1
 4
 6

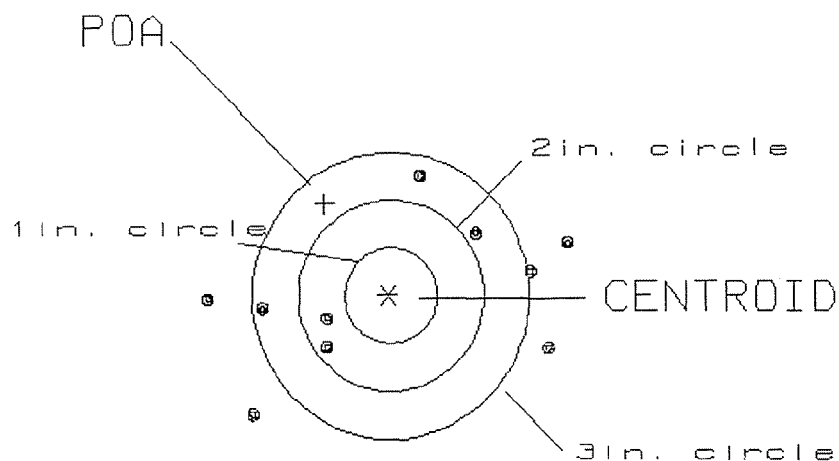
PATTERN #: 2

POA TO CENTROID: 1.179
 MIN RADIUS : .781
 MEAN RADIUS : 1.449
 MAX RADIUS : 1.991
 CENTROID X : .690
 CENTROID Y : -.956

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225500

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.90
 VS= 2.43
 GS= 3.94

0
 2
 5

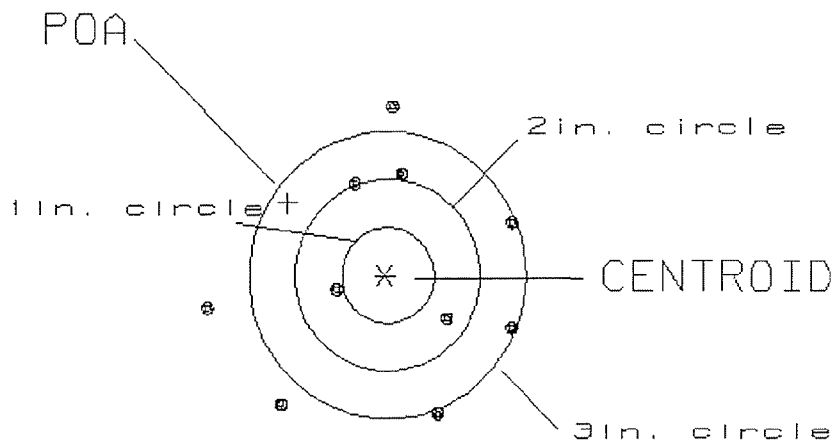
PATTERN #: 3

POA TO CENTROID: 1.298
 MIN RADIUS : .606
 MEAN RADIUS : 1.353
 MAX RADIUS : 2.004
 CENTROID X : 1.057
 CENTROID Y : -.755

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225500

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.37
 VS= 3.23
 GS= 3.49

0
 3
 5

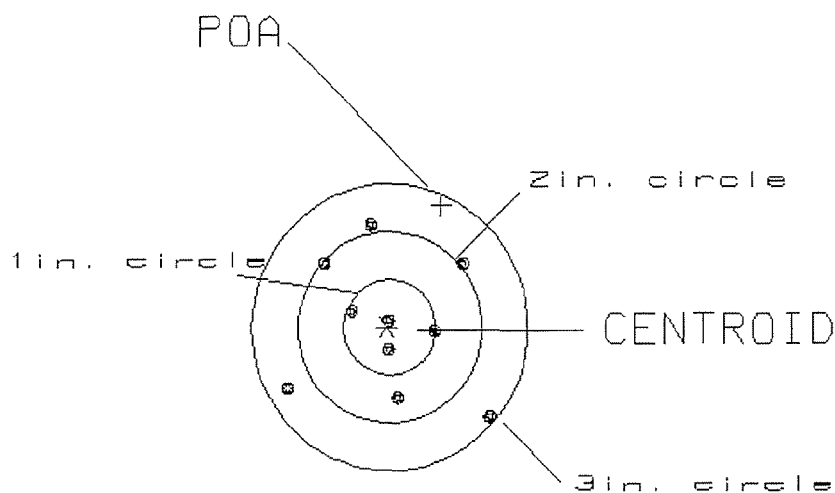
PATTERN #: 4

POA TO CENTROID: 1.400
 MIN RADIUS : .042
 MEAN RADIUS : .768
 MAX RADIUS : 1.386
 CENTROID X : -.590
 CENTROID Y : -1.270

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225500

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.21
 VS= 1.98
 GS= 2.36

3
 6
 10

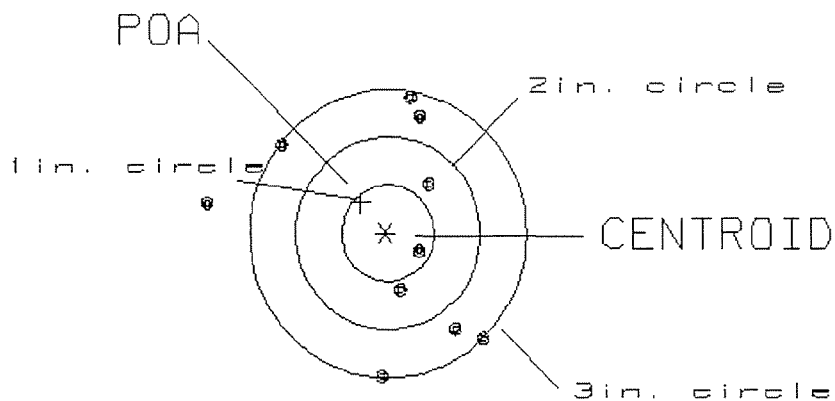
PATTERN #: 5

POA TO CENTROID: .412
 MIN RADIUS : .359
 MEAN RADIUS : 1.200
 MAX RADIUS : 1.978
 CENTROID X : .265
 CENTROID Y : -.316

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225500

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.95

1

VS= 2.91

3

GS= 3.26

6

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225500

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	DS.
617	Drill and Tap Sight Holes	4 14	89	LB.
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-20-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/89	DS.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/24/89	gll
	G) Safety Off Force	3	3	3			4/24/89	gll
	H) Trigger Pull Test & Retainability						4/26/89	G.S.
	I) Firing Pin Indent	.020	.020	.020			4/26/89	gll
	J) Assemble Stock						4/27/89	gll
	K) Assemble Swivel Studs						16 May 89	SS
	L) Attach Front and Rear Sight Assemblies						4/27/89	RW
	M) Iron Sight Alignment						4/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/27/89	RW
	O) Attach Scope to Rifle						4/27/89	gll
	P) Detach & Attach Scope 20 Times						27 April 89	SS
640	Gallery Target & Test	48 R	105 L				4/28/89	K
	A) Time						4/28/89	K
	B) Malfunctions						4/28/89	K
	C) Pierced Primers						4/28/89	K
	D) Optical Clarity of Scope						4/28/89	K
645	Inspect for Live Ammo						4/28/89	K
655	Final Inspection							
	A) Headspace						16 May 89	SS
	B) Trigger Pull	2.47	2.40	2.40	2.40	2.40	16 May 89	SS
	C) Function						16 May 89	SS
660	Pack						27 June 89	SS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5500

DATE 3-23-90

TESTER J. H.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.42		2.60	MIN. SETTING,
PULL #2	2.52	2.41		2.56	NO AVG. OF 5
PULL #3	2.45	2.50		2.53	READINGS ACCEPT-
PULL #4	2.51	2.31		2.54	ABLE LESS THAN 2#
PULL #5	2.47	2.41		2.51	
TOTAL	12.51	12.05		12.74	
AVG.	2.502	2.41		2.548	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.30		
PULL #2	3.19	3.35		
PULL #3	3.43	3.32		
PULL #4	3.36	3.28		
PULL #5	3.32	3.27		
TOTAL	16.46	16.52		
AVG.	3.292	3.304		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.55	4.41		
PULL #2	4.57	4.62		
PULL #3	4.56	4.60		
PULL #4	4.49	4.62		
PULL #5	4.51	4.46		
TOTAL	22.66	22.71		
AVG.	4.532	4.542		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225500
1 May 1989

CENTROIDAL DISTANCES

0	TO	1	.973647
1	TO	2	.24997
1	TO	3	1.03477
1	TO	4	.452657
1	TO	5	.715596

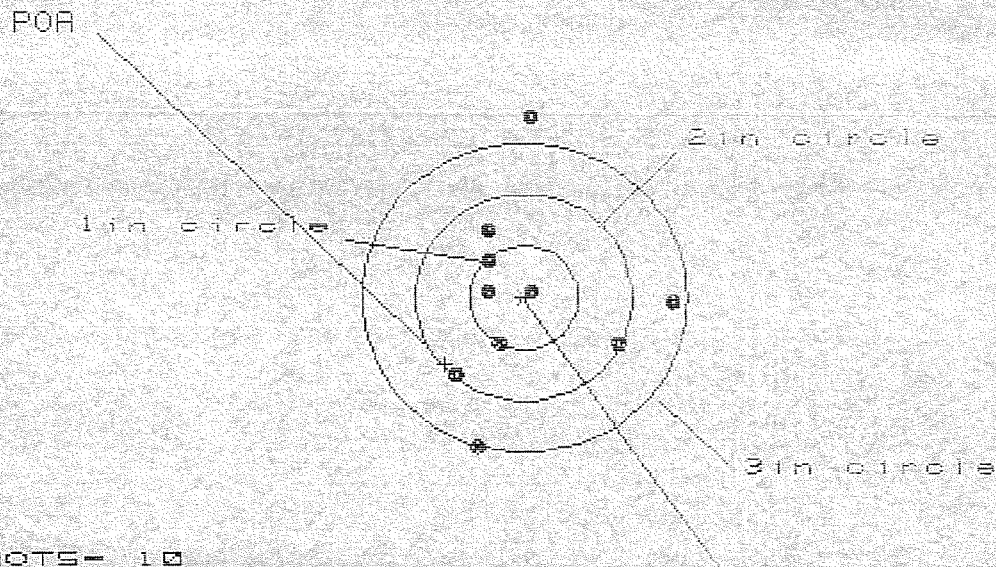
$\begin{matrix} 2 \\ 5 \\ 4 \\ 1 \\ 3 \end{matrix}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4158
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3882
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .568849
THE AMR FOR THIS RIFLE IS: .9236

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8325580

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.021

VS= 3.245

GS= 3.288

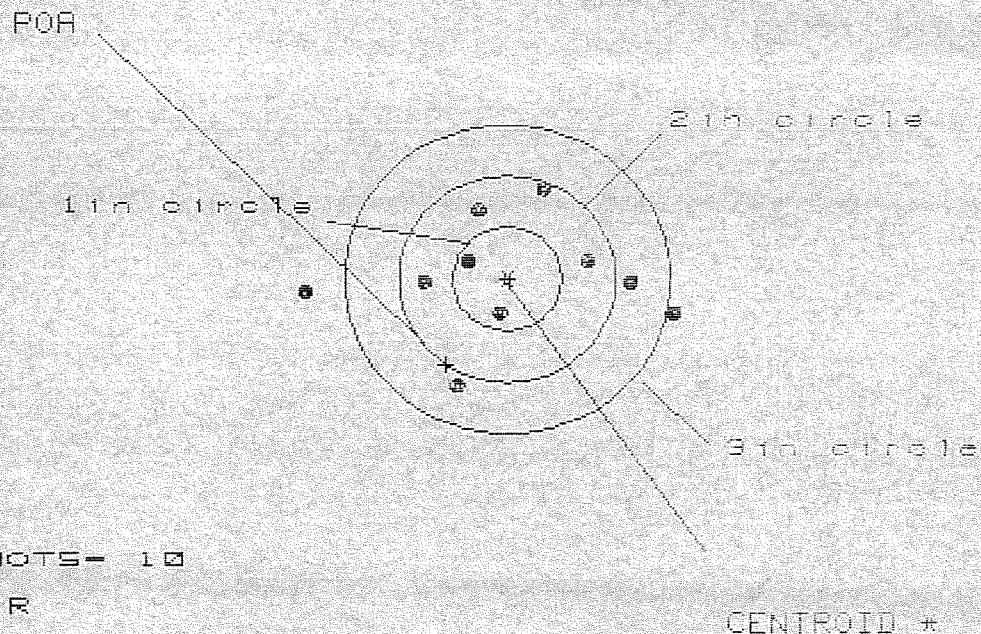
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.415	1.422	1.365
MINIMUM X	:	-.606	-.599	-.656
MAXIMUM Y	:	1.807	.906	.751
MINIMUM Y	:	-1.438	-1.237	-.672
CENTROID X	:	.732	.725	.782
CENTROID Y	:	.642	.441	.596
POA TO CENTROID in.	:	.973	.848	.983
MIN RADIUS	:	.084	.270	.108
MEAN RADIUS	:	.882	.783	.698
MAX RADIUS	:	1.808	1.437	1.366
HORIZONTAL SPREAD	:	2.021	2.021	2.021
VERTICAL SPREAD	:	3.245	2.143	1.424
EXTREME SPREAD	:	3.288	2.368	2.146
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225500

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.395

VS= 1.932

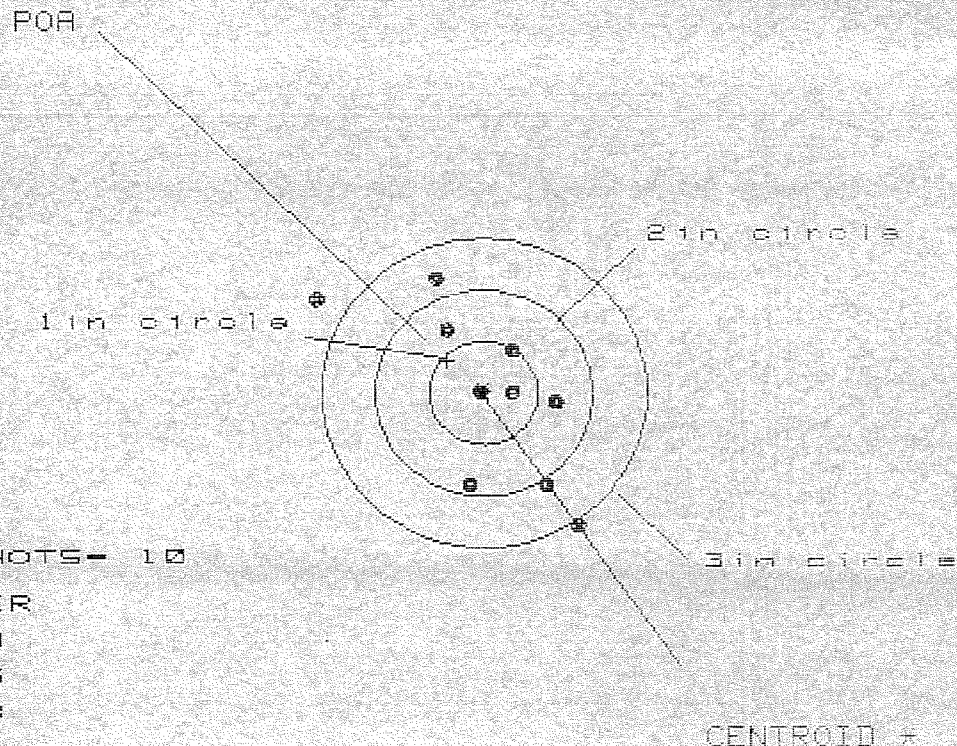
GS= 3.398

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.523	1.315	1.085
MINIMUM X	:	-1.872	-0.938	-0.773
MAXIMUM Y	:	0.910	0.891	0.850
MINIMUM Y	:	-1.022	-1.041	-1.082
CENTROID X	:	0.565	0.773	0.608
CENTROID Y	:	0.828	0.846	0.887
POA TO CENTROID in.	:	1.002	1.146	1.076
MIN RADIUS	:	0.369	0.450	0.433
MEAN RADIUS	:	0.975	0.874	0.790
MAX RADIUS	:	1.880	1.355	1.208
HORIZONTAL SPREAD	:	3.395	2.253	1.958
VERTICAL SPREAD	:	1.932	1.932	1.932
EXTREME SPREAD	:	3.398	2.267	2.113
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225500

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.414

VS= 2.402

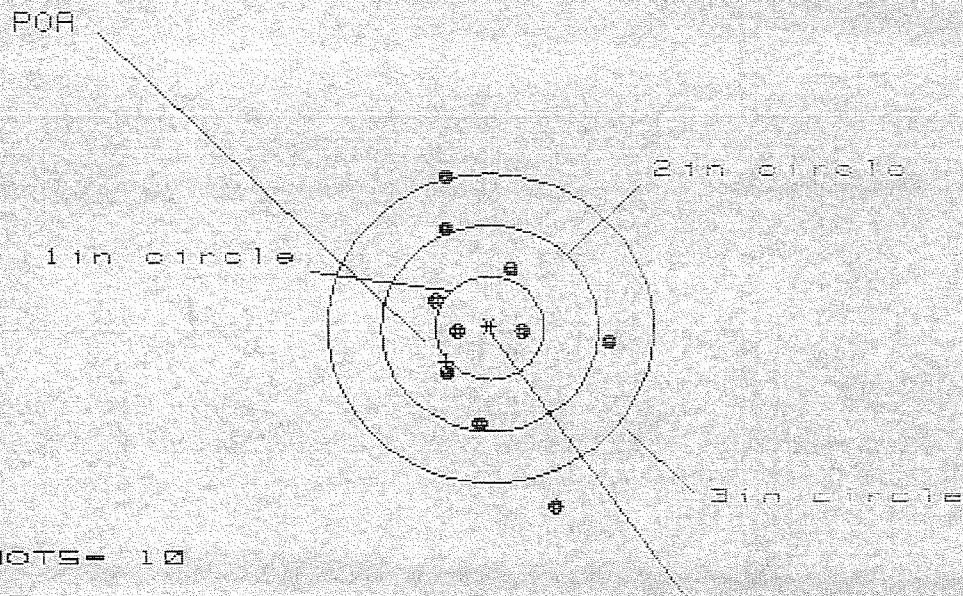
GS= 3.283

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.867	.695	.542
MINIMUM X	:	-1.547	-.604	-.517
MAXIMUM Y	:	1.099	1.202	1.052
MINIMUM Y	:	-1.303	-1.200	-.918
CENTROID X	:	.336	.508	.421
CENTROID Y	:	-.314	-.417	-.267
POA TO CENTROID in.	:	.460	.657	.499
MIN RADIUS	:	.035	.166	.109
MEAN RADIUS	:	.845	.733	.622
MAX RADIUS	:	1.801	1.387	1.172
HORIZONTAL SPREAD	:	2.414	1.299	1.060
VERTICAL SPREAD	:	2.402	2.402	1.970
EXTREME SPREAD	:	3.283	2.731	2.187
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225500

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 1.602

VS= 3.225

GS= 3.356

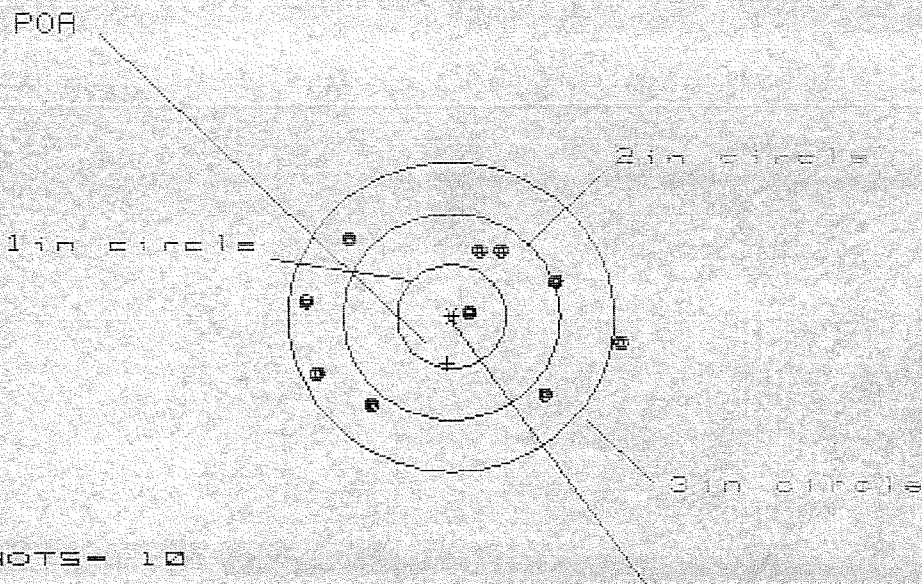
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	1.176	1.137
MINIMUM X	:	-.488	-.426	-.465
MAXIMUM Y	:	1.448	1.250	.906
MINIMUM Y	:	-1.777	-1.128	-.971
CENTROID X	:	.405	.343	.382
CENTROID Y	:	.329	.527	.370
POA TO CENTROID in.	:	.522	.628	.532
MIN RADIUS	:	.257	.315	.280
MEAN RADIUS	:	.878	.749	.673
MAX RADIUS	:	1.862	1.289	1.144
HORIZONTAL SPREAD	:	1.602	1.602	1.602
VERTICAL SPREAD	:	3.225	2.378	1.877
EXTREME SPREAD	:	3.356	2.389	1.893
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225500

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.902

VS= 1.582

GS= 2.926

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.550	1.099	.965
MINIMUM X	:	-1.352	-1.180	-1.314
MAXIMUM Y	:	.736	.706	.628
MINIMUM Y	:	-.846	-.876	-.954
CENTROID X	:	.041	-.131	.003
CENTROID Y	:	.456	.486	.564
POA TO CENTROID in.	:	.458	.503	.564
MIN RADIUS	:	.153	.320	.198
MEAN RADIUS	:	1.038	.988	.920
MAX RADIUS	:	1.573	1.324	1.314
HORIZONTAL SPREAD	:	2.902	2.279	2.279
VERTICAL SPREAD	:	1.582	1.582	1.582
EXTREME SPREAD	:	2.926	2.393	2.393
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington



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

MODEL 700™ H24

SERIAL NO.
C6225500

ORDER NO.
5716

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

01



5716 C6225500

UPC



0 47700 25716 7

