

C6225214

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington® **MODEL 700™ H24**

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

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

SERIAL NO.
C6225214

ORDER NO.
5716

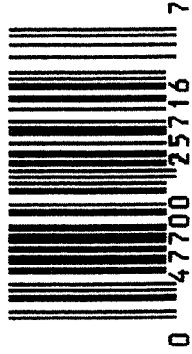
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6225214

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225214

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	5 17 89	RW
600	Proof		5 17 89	RW
607	Check Headspace		5 17 89	RW
610	Dis-assemble Gun		5 17 89	RW
612	Magnaflux Barrel Action		5/19	KCR
	Magnaflux Bolt		5/19	KCR
615	Rollmark Caliber		5/19	G.S.
617	Drill and Tap Sight Holes		5 22 89	LB
618	Polish Barrel		5 22 89	BT
620	Apply Coatings (Barrel Action)		5/26/89	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/89	RW
	C) Inspect Ejector Hole for Chamfer		5/30/89	RW
	D) Oil Firing Pin Ass'y		5/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/1/89	RW

op. #	BARBER M24 0010745 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	6/1/89	RW		
	G) Safety Off Force	3	3	3	6/1/89	RW		
	H) Trigger Pull Test & Retainability				6/1/89	RW		
	I) Firing Pin Indent	.020	.020	.020	6/1/89	RW		
	J) Assemble Stock				6/1/89	RW		
	K) Assemble Swivel Studs				5 June 89	JS		
	L) Attach Front and Rear Sight Assemblies				6/1/89	RW		
	M) Iron Sight Alignment				6/1/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				6/1/89	RW		
	O) Attach Scope to Rifle				6/1/89	JS		
	P) Detach & Attach Scope 20 Times				6/1/89	JS		
640	Gallery Target & Test	77 R	77 L		6-1-89	JS		
	A) Time				"	JS		
	B) Malfunctions				"	JS		
	C) Pierced Primers				"	JS		
	D) Optical Clarity of Scope				"	JS		
645	Inspect for Live Ammo				6-1-89	JS		
655	Final Inspection							
	A) Headspace				5 June 89	JS		
	B) Trigger Pull	2.29	2.41	2.38	2.45	2.52	5 June 89	JS
	C) Function						5 June 89	JS
660	Pack						19 June 89	JS

Repaired Stock at front Swivel 13 Sept 89

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225214
2 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.164976
1 TO	2	.113217
1 TO	3	.267346
1 TO	4	.177341
1 TO	5	.566644

5 X ---- POA

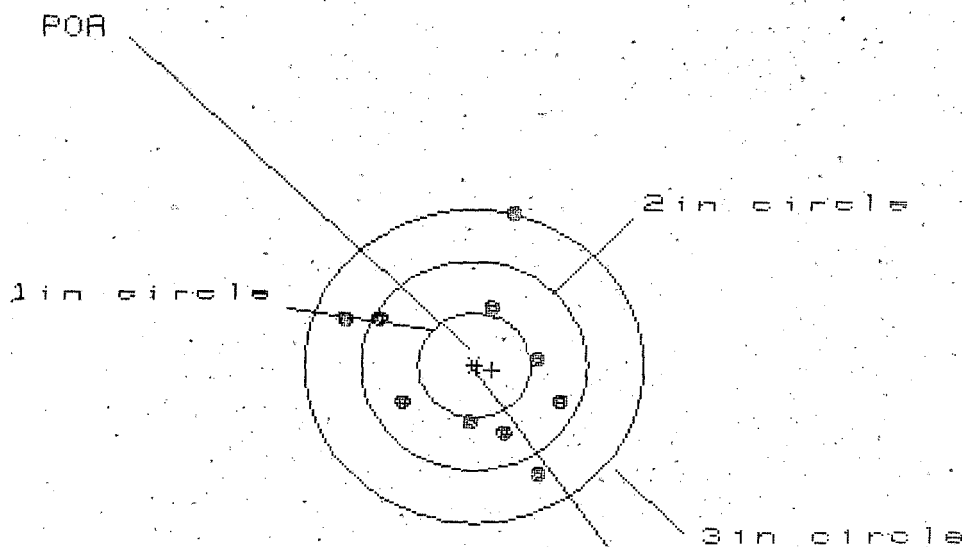
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.135
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0742
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154048

THE AMR FOR THIS RIFLE IS: .9012

2 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225214

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 7

3 in = 10

HS = 1.857

VS = 2.520

GS = 2.536

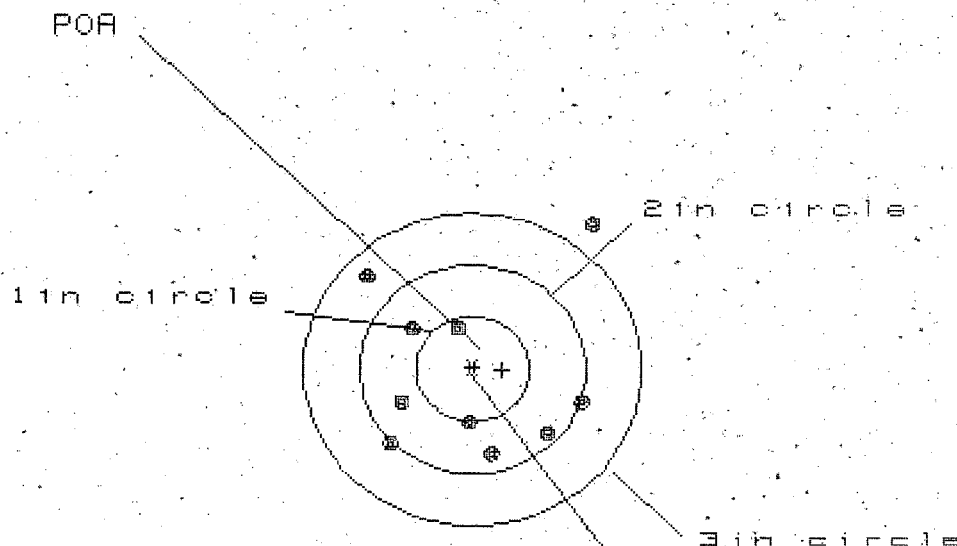
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.793	.871
MINIMUM X	-1.099	-1.064	-.986
MAXIMUM Y	1.455	.706	.593
MINIMUM Y	-1.065	-.903	-.625
CENTROID X	-.159	-.194	-.272
CENTROID Y	.044	-.118	-.005
POB TO CENTROID in.	.165	.227	.272
MIN RADIUS	.502	.337	.446
MEAN RADIUS	.870	.780	.745
MAX RADIUS	1.488	1.208	1.087
HORIZONTAL SPREAD	1.857	1.857	1.857
VERTICAL SPREAD	2.520	1.609	1.218
EXTREME SPREAD	2.536	2.245	2.016
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

2 Jun 1989

FILE: \PATTERNING\CENTERFIRE_PATT\06225214

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.015

VS= 2.204

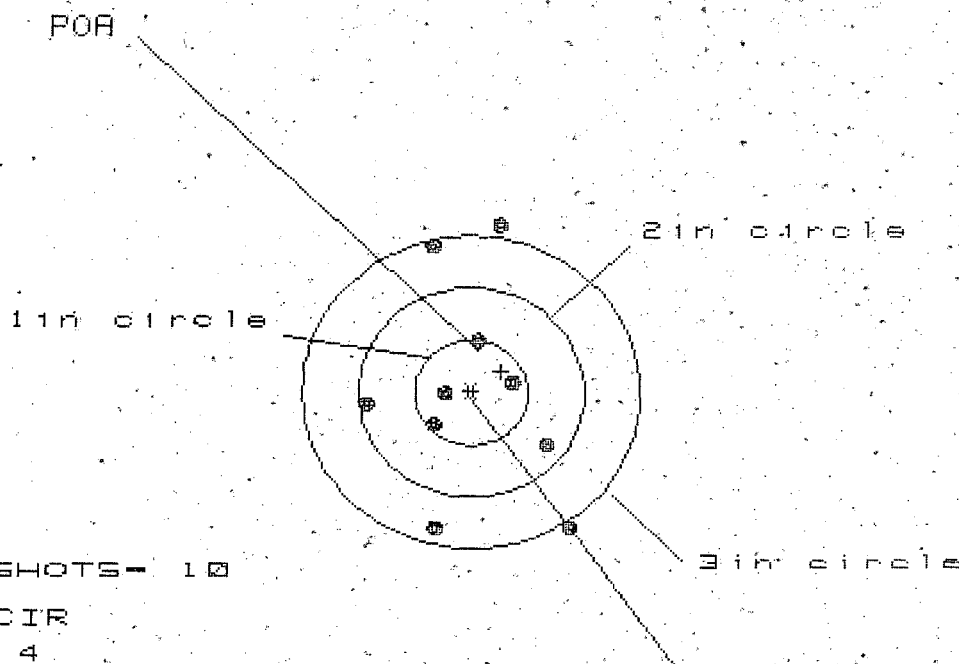
GS= 2.752

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.089	1.116	1.015
MINIMUM X	-.926	-.805	-.684
MAXIMUM Y	1.397	1.031	.714
MINIMUM Y	-.806	-.651	-.522
CENTROID X	-.266	-.387	-.286
CENTROID Y	.007	-.148	-.277
POA TO CENTROID in.	.266	.414	.398
MIN RADIUS	.425	.353	.207
MEAN RADIUS	.909	.781	.695
MAX RADIUS	1.772	1.308	1.015
HORIZONTAL SPREAD	2.015	1.921	1.699
VERTICAL SPREAD	2.204	1.682	1.236
EXTREME SPREAD	2.752	2.233	1.752
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

2 Jun 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 1.862

VS= 2.883

GS= 3.053

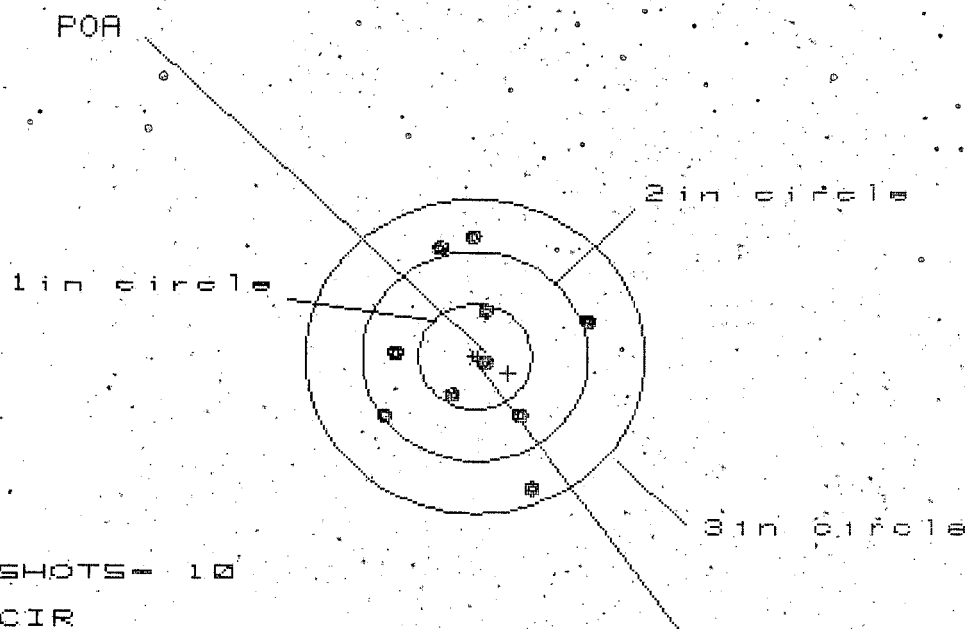
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.899	.742	.786
MINIMUM X	-.963	-.863	-.820
MAXIMUM Y	1.559	1.411	1.478
MINIMUM Y	-1.324	-1.402	-1.225
CENTROID X	-.266	-.366	-.410
CENTROID Y	-.201	-.053	-.230
POA TO CENTROID in.	.333	.369	.470
MIN RADIUS	.203	.200	.058
MEAN RADIUS	.931	.855	.748
MAX RADIUS	1.601	1.455	1.497
HORIZONTAL SPREAD	1.862	1.605	1.605
VERTICAL SPREAD	2.883	2.813	2.703
EXTREME SPREAD	3.053	2.874	2.703
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

2 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225214

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 1.842

VS = 2.438

GS = 2.478

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.993

1.043

1.049

MINIMUM X

-.849

-.799

-.793

MAXIMUM Y

1.134

.989

.997

MINIMUM Y

-1.304

-.724

-.600

CENTROID X

-.294

-.344

-.350

CENTROID Y

.159

.304

.180

POA TO CENTROID in.

.335

.459

.394

MIN RADIUS

.112

.257

.169

MEAN RADIUS

.801

.738

.689

MAX RADIUS

1.378

1.072

1.093

HORIZONTAL SPREAD

1.842

1.842

1.842

VERTICAL SPREAD

2.438

1.713

1.597

EXTREME SPREAD

2.478

2.049

2.049

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

5

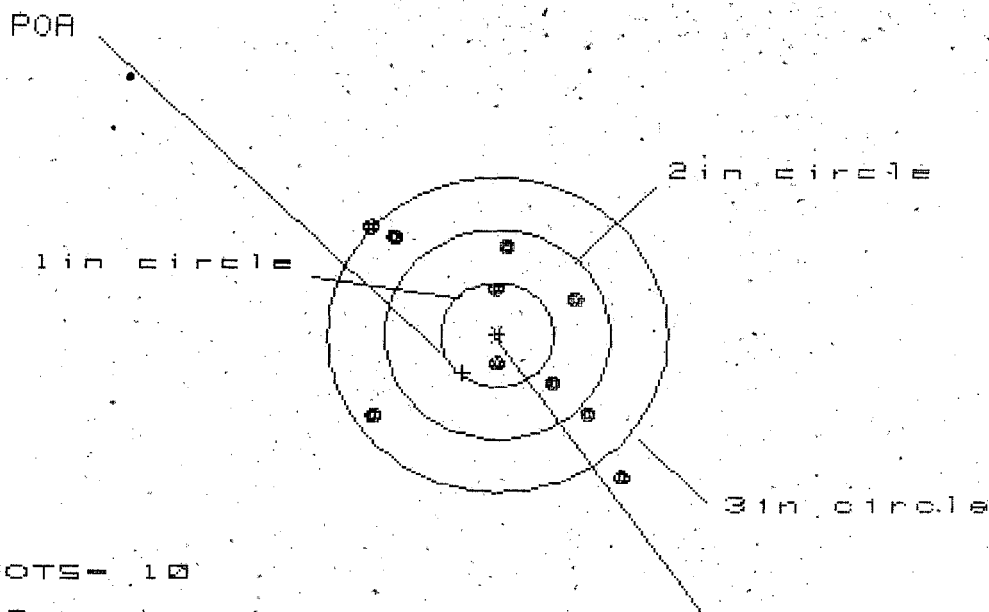
NUMBER IN THREE INCH CIRCLE =

10

2 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225214

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN. CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.208

VS = 2.354

GS = 3.191

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.065	.885	.764
MINIMUM X	-1.143	-1.024	-1.145
MAXIMUM Y	1.030	.883	.938
MINIMUM Y	-1.324	-.946	-.836
CENTROID X	.310	.191	.313
CENTROID Y	.362	.509	.399
POA TO CENTROID in.	.476	.544	.507
MIN RADIUS	.217	.306	.253
MEAN RADIUS	.995	.914	.843
MAX RADIUS	1.699	1.374	1.401
HORIZONTAL SPREAD	2.208	1.909	1.909
VERTICAL SPREAD	2.354	1.829	1.774
EXTREME SPREAD	3.191	2.605	2.436
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

BARBER - M24 0010752 RECEIVING AND ESTIMATING REPORT

INITIAL JJM		CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER	
DATE RECEIVED 05/29/90	DATE OPENED 05/31/90	DATE CODE	SERIAL NUMBER C6225214	MODEL AND GRADE 9999 7.62 NATO	ORDER R 90-15638
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE	SCOPE BASE

FROM:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

SHIP TO:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☒ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

REPLACE TRIGGER Assy

MAIN FAULT

PARTS

REPAIRMAN RW	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 6/88

OFFICE COPY

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0010752 10791

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225214DATE 4-5-90TESTER QJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.31	2.70	2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.34	2.78	2.29	
PULL #3	2.32	2.41	2.60	2.22	
PULL #4	2.24	2.31	2.73	2.28	
PULL #5	2.36	2.32	2.75	2.26	
TOTAL	11.61	11.69	13.56	11.31	
AVG.	2.322	2.338	2.712	2.262	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.38		
PULL #2	3.19	3.41		
PULL #3	3.36	3.41		
PULL #4	3.32	3.36		
PULL #5	3.38	3.42		
TOTAL	16.62	16.98		
AVG.	3.324	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.36		
PULL #2	4.29	4.43		
PULL #3	4.46	4.43		
PULL #4	4.27	4.41		
PULL #5	4.42	4.33		
TOTAL	21.78	21.96		
AVG.	4.356	4.392		