

C6348762

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington



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

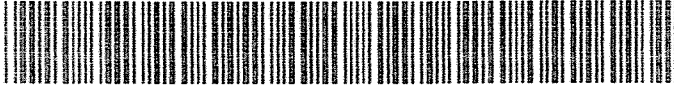
MODEL 700TM H24

SERIAL NO.
C6348762

ORDER NO.
5716

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

Ø1



5716 C6348762

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348762

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	7 21	89	RW
610	Dis-assemble Gun	7 21	89	RW
612	Magnaflux Barrel Action		7/26/	KCR
	Magnaflux Bolt		7/26	KCR
615	Rollmark Caliber		7/26	C.S.
617	Drill and Tap Sight Holes		7/27/89	W.B.
618	Polish Barrel <i>R.B.</i>		7/31/89	W.B.
620	Apply Coatings (Barrel Action)		8/2/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	JD

op. #	BARBER M24 0063353 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			10aug89	JS
	G) Safety Off Force	4	4	4			10aug89	JS
	H) Trigger Pull Test & Retainability						10aug89	JS
	I) Firing Pin Indent	.021	.021	.021			10aug89	JS
	J) Assemble Stock						8/14/89	RW
	K) Assemble Swivel Studs						18aug89	JS
	L) Attach Front and Rear Sight Assemblies						8/14/89	RW
	M) Iron Sight Alignment						8/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/14/89	RW
	O) Attach Scope to Rifle						8/14/89	JS
	P) Detach & Attach Scope 20 Times						8/14/89	JS
640	Gallery Target & Test	55 R	98L				8-17-89	DH
	A) Time						8-17-89	DH
	B) Malfunctions						8-17-89	DH
	C) Pierced Primers						8-17-89	DH
	D) Optical Clarity of Scope						8-17-89	DH
645	Inspect for Live Ammo						8-12-89	DH
655	Final Inspection							
	A) Headspace						18aug89	JS
	B) Trigger Pull	2.78	2.79	2.81	2.80	2.79	18aug89	JS
	C) Function						18aug89	JS
660	Pack						19Sep89	JS

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6348762
 18 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.549125
1 TO	2	.729562
1 TO	3	.627273
1 TO	4	.837143
1 TO	5	.410079

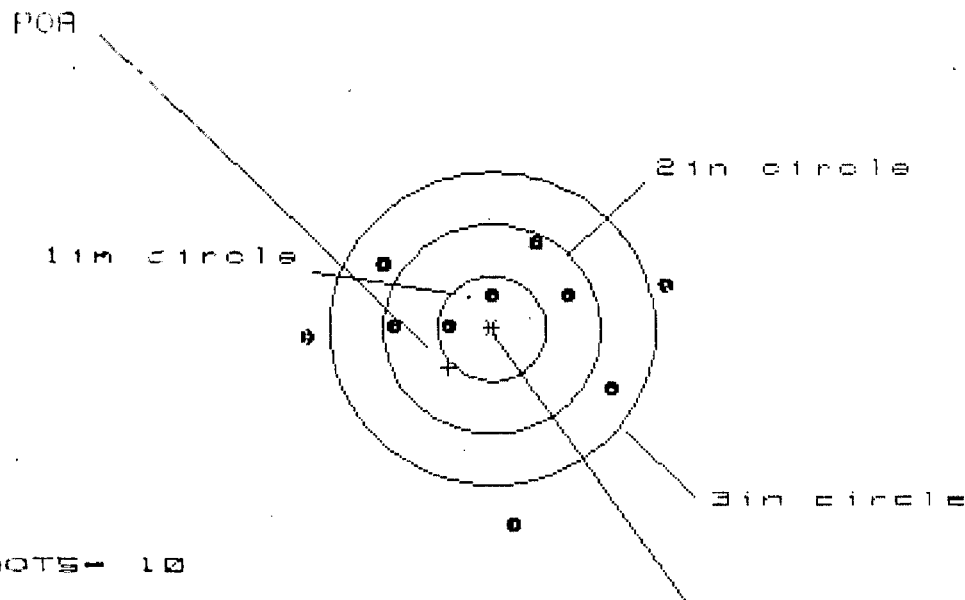
+¹₂⁵₄ <----POB

THE X COORDINATE FOR THIS RIFLE IS: .534
 THE Y COORDINATE FOR THIS RIFLE IS: -.0536
 THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .536683
 THE RANGE FOR THIS RIFLE IS: 1.089

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348762

CENTERFIRE PATTERNS # 1



NO OF SHOTS - 10

1 IN. CIR

2 IN. CIR

3 IN. CIR

4 IN. CIR

5 IN. CIR

6 IN. CIR

7 IN. CIR

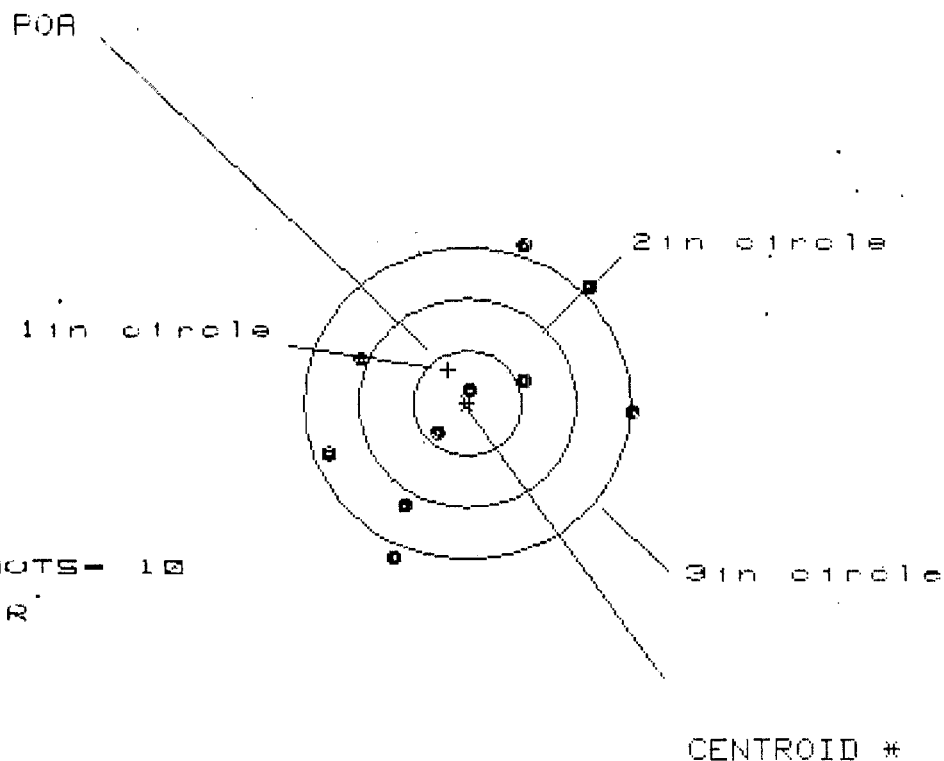
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.598	1.622	1.316
MINIMUM X	-1.655	-1.631	-1.428
MAXIMUM Y	.793	.587	.617
MINIMUM Y	-1.851	-1.809	-1.779
CENTROID X	.403	.379	.176
CENTROID Y	.373	.579	.549
1 IN. CIRCLE CENTROID IN.	.549	.692	.576
2 IN. CIRCLE	.359	.156	.278
MAXIMUM X	1.102	.976	.879
MAXIMUM Y	1.864	1.658	1.529
HORIZONTAL SPREAD	3.253	3.253	2.744
VERTICAL SPREAD	2.644	1.396	1.396
EXTREME SPREAD	3.298	3.298	2.791
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



NO OF SHOTS- 10

1 IN CIR

1 in = 2

2 in = 3

3 in = 6

HST 2.783

VST 3.034

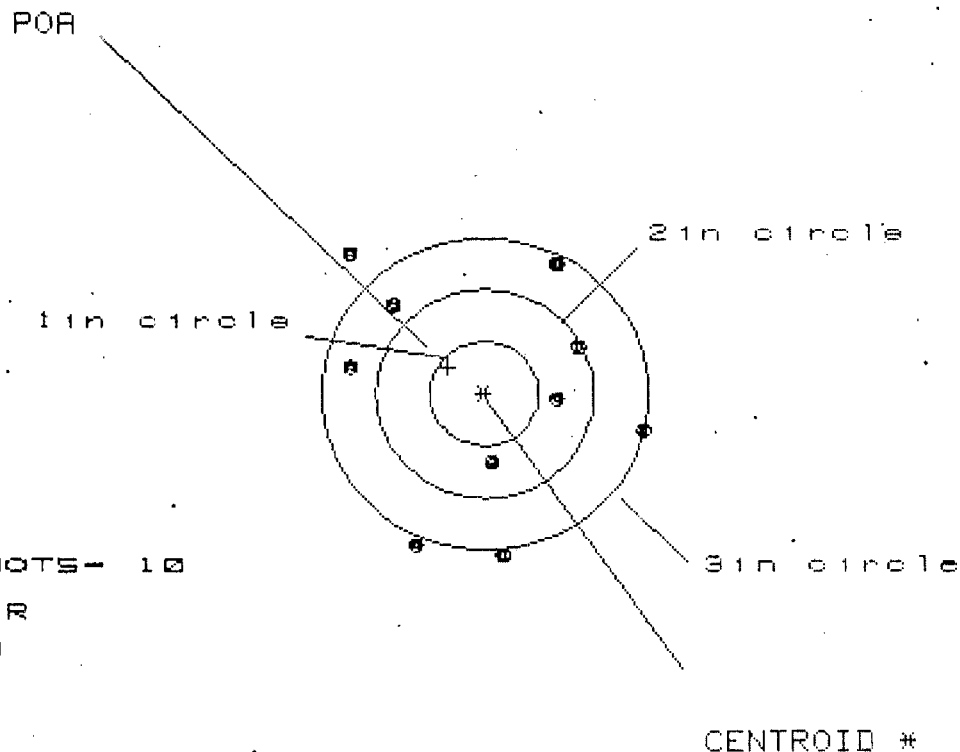
EST 3.262

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.530	1.459	1.520
MINIMUM X	-1.253	-1.324	-1.263
MAXIMUM Y	1.507	1.337	1.091
MINIMUM Y	-1.527	-1.170	-1.003
CENTROID X	.178	.249	.188
CENTROID Y	-.321	-.151	-.318
POA TO CENTROID in.	.367	.291	.370
MIN RADIUS	.135	.057	.131
MEAN RADIUS	1.099	1.027	.966
MA RADIUS	1.656	1.486	1.524
HORIZONTAL SPREAD	2.783	2.783	2.783
VERTICAL SPREAD	3.034	2.507	2.094
EXTREME SPREAD	3.262	2.803	2.803
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	6	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6348762

CENTERFIRE PATTERNS # 3



* OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HG - 2.670

VS - 2.932

ES - 3.236

CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.438	1.301	1.301
MINIMUM X	-1.232	-1.342	-1.342
MAXIMUM Y	1.364	1.408	1.280
MINIMUM Y	-1.568	-1.416	-1.430
CENTROID X	.339	.476	.476
CENTROID Y	-.251	-.403	-.226
POA TO CENTROID in.	.422	.623	.527
MIN RADIUS	.638	.503	.507
MEAN RADIUS	1.260	1.166	1.129
MAX RADIUS	1.838	1.512	1.634
HORIZONTAL SPREAD	2.670	2.643	2.643
VERTICAL SPREAD	2.932	2.824	2.661
EXTREME SPREAD	3.236	2.980	2.980
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

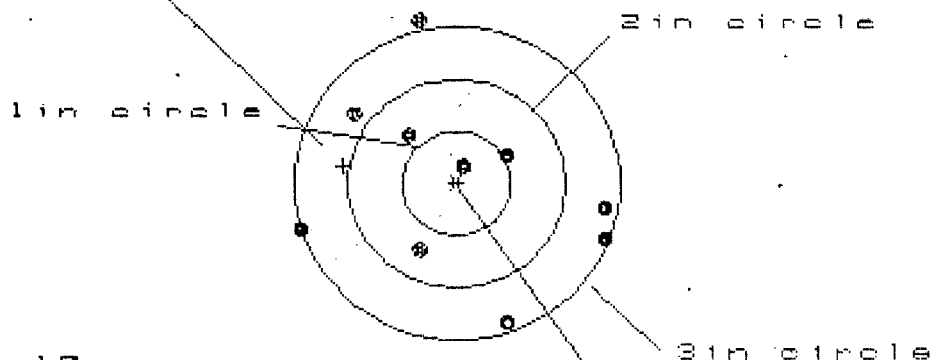
18 Aug 1989

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CENTERFIRE PATTERNS

4

POA



* OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.786

VS= 2.898

GS= 3.017

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.332	1.291	1.104
MINIMUM X	-1.454	-1.495	-1.211
MAXIMUM Y	1.593	.887	.849
MINIMUM Y	-1.305	-1.128	-1.166
CENTROID X	1.041	1.082	1.269
CENTROID Y	-.169	-.346	-.308
POA TO CENTROID in.	1.055	1.136	1.306
MIN RADIUS	.207	.375	.374
MEAN RADIUS	1.071	1.017	.937
MAX RADIUS	1.635	1.525	1.479
HORIZONTAL SPREAD	2.786	2.786	2.315
VERTICAL SPREAD	2.898	2.015	2.015
EXTREME SPREAD	3.017	2.793	2.646
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/C634B762

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HSE = 3.061

VSE = 2.427

ESE = 3.906

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.126	.911	1.002
MINIMUM X	-1.935	-1.213	-1.099
MAXIMUM Y	1.097	.949	.692
MINIMUM Y	-1.330	-.884	-.766
CENTROID X	.709	.924	.810
CENTROID Y	.100	.248	.130
POA TO CENTROID in.	.716	.956	.820
MIN RADIUS	.167	.147	.175
MEAN RADIUS	.913	.746	.647
MAX RADIUS	2.348	1.316	1.099
HORIZONTAL SPREAD	3.061	2.124	2.101
VERTICAL SPREAD	2.427	1.833	1.457
EXTREME SPREAD	3.906	2.369	2.108
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

BARBER - M24 0063360

RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER

INITIAL

CUSTOMER ORDER NO.

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

MODEL AND GRADE

05/29/90

05/31/90

C6348762

9999

7.62 NATO

R

ORDER

90-15649

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

REPAIR CHARGE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

GUN CONDITION:

☒ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

REPLACE TRIGGER ASSY.

MAIN FAULT

PARTS

REPAIRMAN

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 0063399

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348762

DATE 4-9-90

TESTER JEL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.49	2.56	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.50	2.56	2.40	
PULL #3	2.50	2.47	2.51	2.46	
PULL #4	2.52	2.50	2.45	2.46	
PULL #5	2.56	2.49	2.51	2.50	
TOTAL	12.64	12.45	12.59	12.37	
AVG.	2.528	2.49	2.518	2.474	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.35		
PULL #2	3.29	3.37		
PULL #3	3.36	3.43		
PULL #4	3.35	3.10		
PULL #5	3.33	3.37		
TOTAL	16.73	16.62		
AVG.	3.346	3.324		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.14		4.40
PULL #2	4.16	4.13		4.43
PULL #3	4.10	4.44		4.25
PULL #4	4.12	4.35		4.35
PULL #5	4.10	4.42		4.40
TOTAL	20.63	21.48		21.83
AVG.	4.126	4.296		4.366