

C6348837

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Smead®

No. 2-152-51




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

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

MODEL 700™ H24

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

SERIAL NO.
C6348837

ORDER NO.
5716



5716 C6348837

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348837

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		89	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		7/29/89	WC
618	Polish Barrel RB		7/31/89	WB
620	Apply Coatings (Barrel Action)		8/2/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/2/89	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		8/11/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	4			8 Aug 89	JS
	G) Safety Off Force	4	3	3			8 Aug 89	JS
	H) Trigger Pull Test & Retainability						8 Aug 89	JS
	I) Firing Pin Indent	.0205	.020	.020			8 Aug 89	JS
	J) Assemble Stock						8/14/89	RW
	K) Assemble Swivel Studs						18 Aug 89	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	61 R	91 L				8-17-89	A
	A) Time						8-17-89	A
	B) Malfunctions						8-17-89	K
	C) Pierced Primers						8-17-89	K
	D) Optical Clarity of Scope						8-17-89	A
645	Inspect for Live Ammo						8-17-89	K
655	Final Inspection							
	A) Headspace						18 Aug 89	JS
	B) Trigger Pull	2.76	2.83	2.58	2.70	2.74	18 Aug 89	JS
	C) Function						18 Aug 89	JS
660	Pack						19 Aug 89	JS

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348837
18 Aug 1989

CENTROIDAL DISTANCES

0 TO 1	.336027
1 TO 2	.575029
1 TO 3	.388973
1 TO 4	.248244
1 TO 5	.641365

t14 (---POB
25

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5744
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .672425
THE AMR FOR THIS RIFLE IS: .9374

18 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/C8340837

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.308

VS= 2.292

GS= 2.626

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.082	.946	1.028
MINIMUM X	-1.226	-1.325	-1.243
MAXIMUM Y	1.169	1.098	.948
MINIMUM Y	-1.123	-1.194	-1.737
CENTROID X	.315	.451	.369
CENTROID Y	-.117	-.046	.104
POA TO CENTROID in.	.336	.453	.393
MIN RADIUS	.483	.453	.436
MEAN RADIUS	1.064	1.007	.957
MAX RADIUS	1.383	1.426	1.351
HORIZONTAL SPREAD	2.308	2.271	2.271
VERTICAL SPREAD	2.292	2.292	1.685
EXTREME SPREAD	2.626	2.626	2.319
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

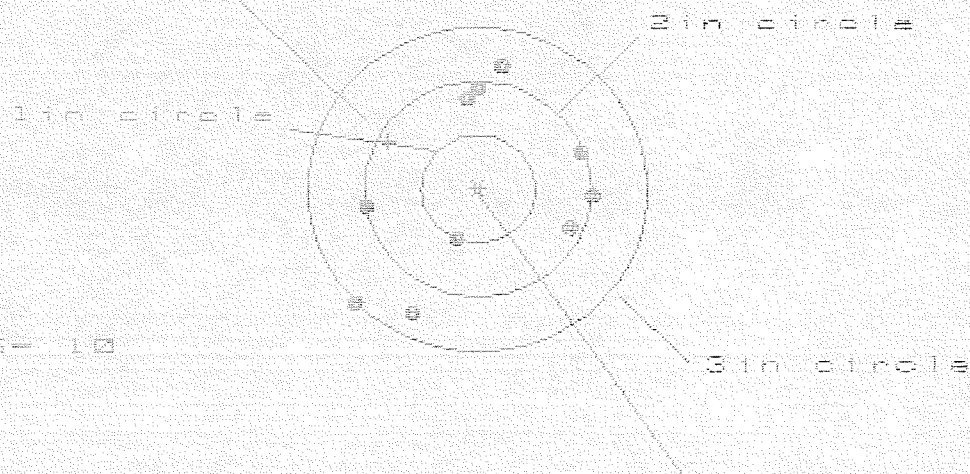
18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0624B037

CENTERFIRE PATTERNS

2

FOR



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.178

VS= 2.361

CS= 2.600

CENTROID #

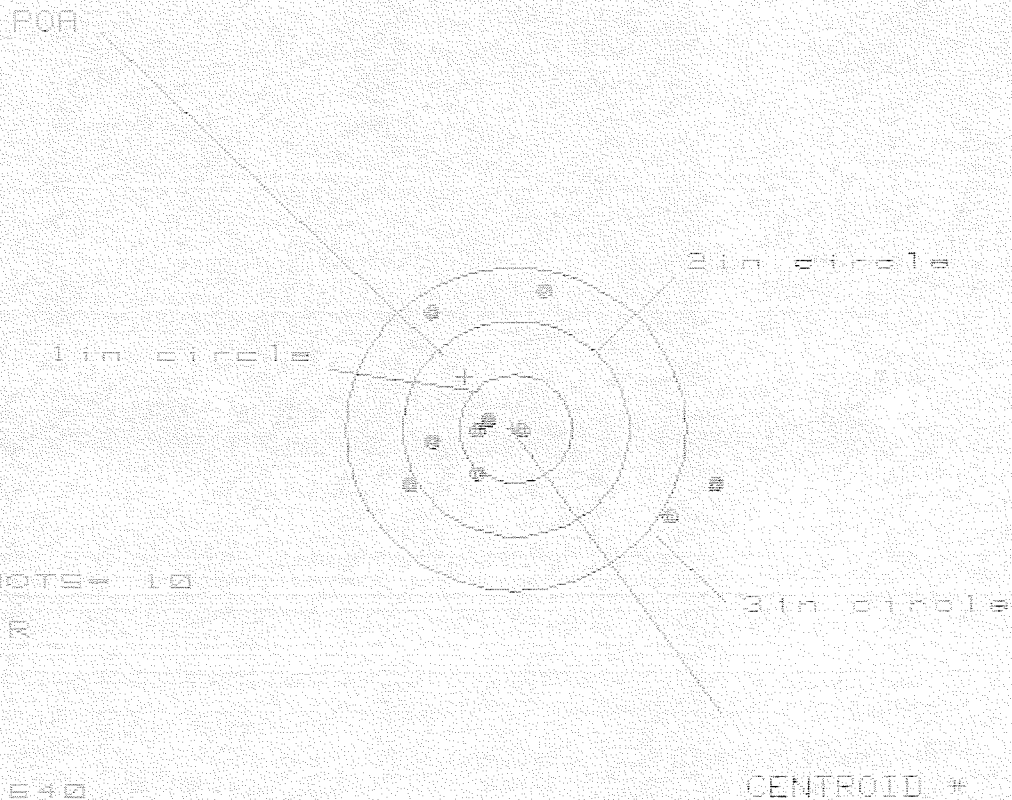
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.043	.916	.829
MINIMUM X	:	-1.135	-1.082	-1.169
MAXIMUM Y	:	1.168	1.053	.990
MINIMUM Y	:	-1.193	-1.308	-1.741
CENTROID X	:	.788	.915	1.002
CENTROID Y	:	-.444	-.329	-.166
FOR TO CENTROID in.	:	.905	.972	1.016
MIN RADIUS	:	.498	.656	.630
MEAN RADIUS	:	1.013	.935	.839
MAX RADIUS	:	1.537	1.484	1.236
HORIZONTAL SPREAD	:	2.178	1.998	1.998
VERTICAL SPREAD	:	2.361	2.361	1.631
EXTREME SPREAD	:	2.600	2.499	1.999
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

18 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/C8346837

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.640

VS= 2.083

GS= 2.831

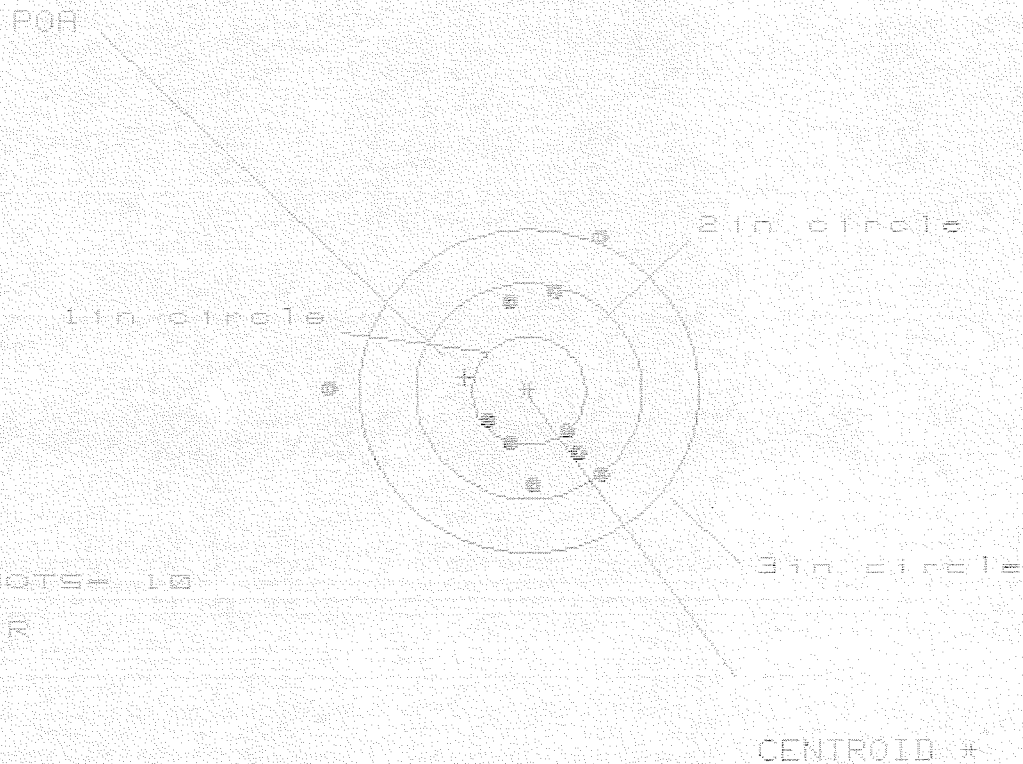
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.734	1.528	.647
MINIMUM X	:	-.906	-.714	-.523
MAXIMUM Y	:	1.249	1.194	1.083
MINIMUM Y	:	-.834	-.889	-.730
CENTROID X	:	.441	.249	.058
CENTROID Y	:	-.485	-.430	-.319
POA TO CENTROID in.	:	.656	.496	.324
MIN RADIUS	:	.044	.070	.165
MEAN RADIUS	:	.904	.752	.627
MAX RADIUS	:	1.804	1.768	1.261
HORIZONTAL SPREAD	:	2.640	2.242	1.170
VERTICAL SPREAD	:	2.083	2.083	1.812
EXTREME SPREAD	:	2.931	2.827	2.157
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

10 Aug 1983

FILE: PATTERNING/CENTERFIRE_PATT/C8348837

CENTERFIRE PATTERNS

4



* OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 8

HS= 2.482

VS= 2.362

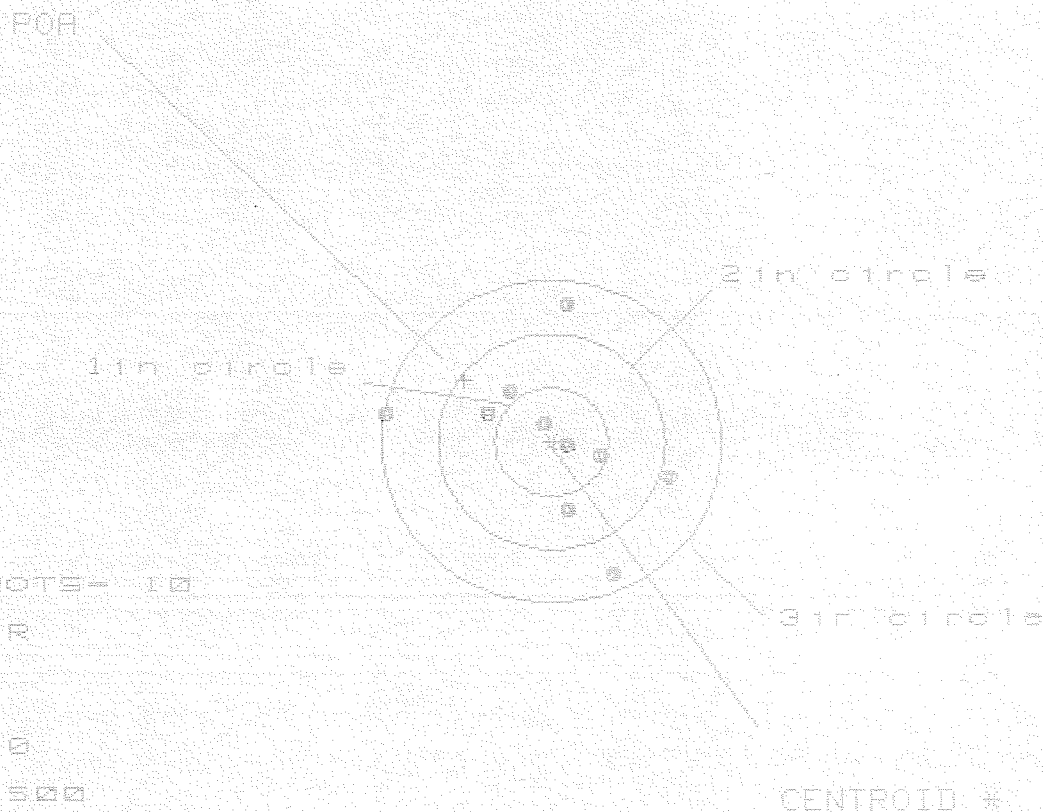
GS= 2.819

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.680	.480	.536
MINIMUM X	-1.802	-1.519	-1.463
MAXIMUM Y	1.442	1.448	1.135
MINIMUM Y	-.920	-.914	-.733
CENTROID X	.563	.763	.787
CENTROID Y	-.128	-.134	-.315
POH TO CENTROID in.	.577	.775	.774
MIN RADIUS	.396	.399	.265
MEAN RADIUS	.932	.824	.676
MAX RADIUS	1.803	1.517	1.144
HORIZONTAL SPREAD	2.482	.999	.999
VERTICAL SPREAD	2.362	2.362	1.868
EXTREME SPREAD	2.819	2.439	1.883
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		

18 Aug 1989

FILE: \PATTERNING\CENTERFIRE_PATT\CB34B837

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.500

VS= 2.481

GS= 2.577

PATTERN #	1	5	9	8
SHOTS (BEST OF)	10	9	8	8
MAXIMUM X	1.045	.864	.931	.931
MINIMUM X	-1.455	-.736	-1.689	-1.689
MAXIMUM Y	1.248	1.280	1.130	1.130
MINIMUM Y	-1.233	-1.201	-1.789	-1.789
CENTROID X	.765	.926	.879	.879
CENTROID Y	-.574	-.606	-.456	-.456
FOR TO CENTROID IN.	.956	1.107	.990	.990
MIN RADIUS	.141	.012	.143	.143
MEAN RADIUS	.774	.675	.609	.609
MAX RADIUS	1.484	1.282	1.130	1.130
HORIZONTAL SPREAD	2.500	1.620	1.620	1.620
VERTICAL SPREAD	2.481	2.481	1.933	1.933
EXTREME SPREAD	2.577	2.519	1.840	1.840
NUMBER IN ONE INCH CIRCLE =		3		
NUMBER IN TWO INCH CIRCLE =		6		
NUMBER IN THREE INCH CIRCLE =		10		

COMMENTS

INITIAL		CUSTOMER ORDER NO.		COMMENTS			
LJM				M-24 SNIPER			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE			ORDER
5/29/90	05/31/90		C6348837	9999	7.62	NATO	R 90-15655
ACCESSORIES	W/STUDS	W/SWIVELS	SOFT CASE	SCOPE BASE			

ROM:

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

SHIP TO:

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

COUNT 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

ARTS						
	REPAIRMAN <i>RL</i>	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 6/88

OFFICE COPY

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400039483

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6348837

DATE 4/5/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.42	2.39	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.37	2.41	2.70	
PULL #3	2.47	2.39	2.43	2.69	
PULL #4	2.46	2.34	2.38	2.69	
PULL #5	2.47	2.35	2.49	2.64	
TOTAL	12.34	11.87	12.10	13.32	
AVG.	2.46	2.37	2.42	2.664	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.13		
PULL #2	3.11	3.12		
PULL #3	3.12	3.11		
PULL #4	3.11	3.04		
PULL #5	3.14	3.09		
TOTAL	15.76	15.49		
AVG.	3.15	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.22		
PULL #2	4.32	4.22		
PULL #3	4.27	4.24		
PULL #4	4.20	4.21		
PULL #5	4.27	4.24		
TOTAL	21.36	21.13		
AVG.	4.27	4.22		