

C6348854

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Sweet's
No. 2-152-51



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

MODEL 700™ H24	SERIAL NO. C6348854
	ORDER NO. 5716

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

01

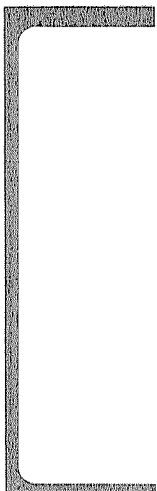


5716 C6348854

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348854

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 11 89	8/15/89	RW
600	Proof	8 11 89	8/15/89	RW
607	Check Headspace		8/15/89	RW
610	Dis-assemble Gun		8/15/89	RW
612	Magnaflux Barrel Action		8/15/89	KER
	Magnaflux Bolt		8/15/89	KER
615	Rollmark Caliber		8/16/89	KER
7	Drill and Tap Sight Holes	8 16 89	8/16/89	
618	Polish Barrel RW	8 16 89	8/16/89	
620	Apply Coatings (Barrel Action)		8/19/89	TJ
	Apply Coating (Bolt)		8/19/89	
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/21/89	RW
	C) Inspect Ejector Hole for Chamfer		8/21/89	RW
	D) Oil Firing Pin Ass'y		8/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/22/89	JL

BARBER - M24 0039872

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	8.5	8	8	8/22/89	RW
	G) Safety Off Force	3.5	4	4	8/22/89	RW
	H) Trigger Pull Test & Retainability				8/22/89	GU
	I) Firing Pin Indent	.022	.022	.021	8/22/89	RW
	J) Assemble Stock				8/22/89	RW
	K) Assemble Swivel Studs				23 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies				8/22/89	RW
	M) Iron Sight Alignment				8/22/89	RW
	N) Detach Front & Rear Sights & place in numbered container				8/22/89	RW
	O) Attach Scope to Rifle				8/22/89	WB
	P) Detach & Attach Scope 20 Times				8/22/89	WB
640	Gallery Target & Test	90 R	62L		8-22-89	AC
	A) Time				8-22-89	AC
	B) Malfunctions				9-22-89	AC
	C) Pierced Primers				8-22-89	AC
	D) Optical Clarity of Scope				8-22-89	AC
645	Inspect for Live Ammo				8-22-89	AC
655	Final Inspection					
	A) Headspace				23 Aug 89	JS
	B) Trigger Pull	278	277	277	23 Aug 89	JS
	C) Function				23 Aug 89	JS
660	Pack				19 Sept 89	JS

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6348854
 23 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.0407063
1 TO	2	.816284
1 TO	3	.0854225
1 TO	4	.858535
1 TO	5	.741312

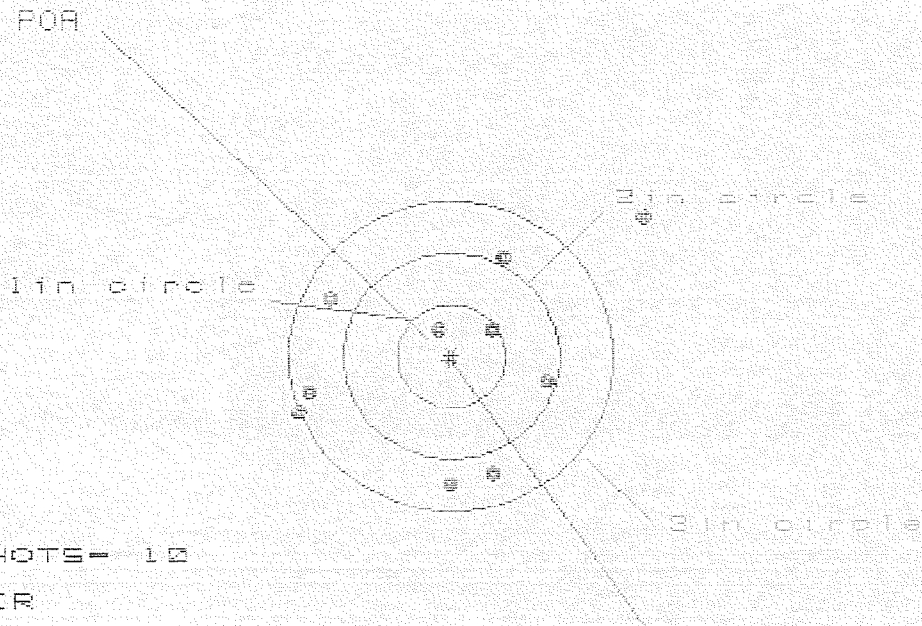
4 7
5 2
PDR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2642
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2742
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .380772
 THE AMR FOR THIS RIFLE IS: 1.101

22 Aug 1989

FILE:/PAT/ERNING/CENTERFIRE_PATT/C834B854

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS= 3.195

VS= 2.605

GS= 3.708

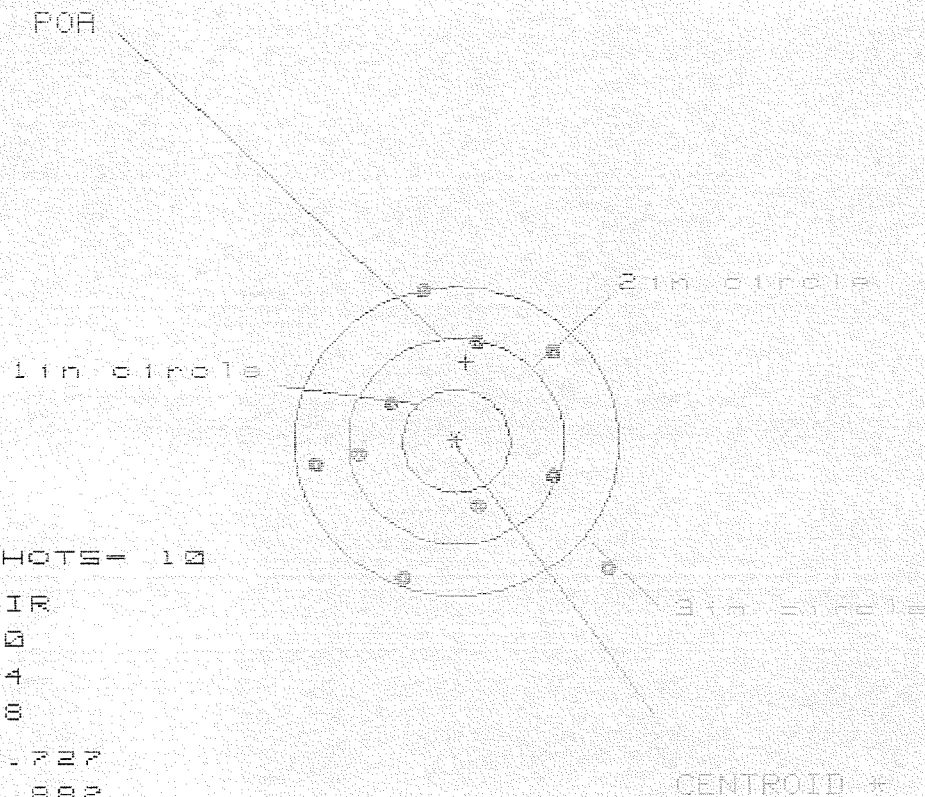
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.748	1.108	.951
MINIMUM X	:	-1.447	-1.253	-1.252
MAXIMUM Y	:	1.367	1.137	1.092
MINIMUM Y	:	-1.238	-1.087	-1.132
CENTROID X	:	.019	-.175	-.018
CENTROID Y	:	.036	-.115	-.070
POA TO CENTROID in.	:	.041	.209	.072
MIN RADIUS	:	.315	.473	.414
MEAN RADIUS	:	1.156	1.046	.987
MAX RADIUS	:	2.218	1.305	1.265
HORIZONTAL SPREAD	:	3.195	2.361	2.203
VERTICAL SPREAD	:	2.605	2.224	2.224
EXTREME SPREAD	:	3.708	2.416	2.276
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

22 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05346854

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.727

VS = 2.882

GS = 3.226

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.401	1.836	1.819
MINIMUM X	-1.326	-1.170	-1.137
MAXIMUM Y	1.513	1.376	1.852
MINIMUM Y	-1.369	-1.506	-1.334
CENTROID X	-1.097	-1.253	-1.236
CENTROID Y	-1.772	-1.635	-1.807
POA TO CENTROID in.	.778	.683	.840
MIN RADIUS	.630	.498	.615
MEAN RADIUS	1.160	1.060	1.012
MAX RADIUS	1.868	1.537	1.973
HORIZONTAL SPREAD	2.727	2.206	2.206
VERTICAL SPREAD	2.882	2.882	2.306
EXTREME SPREAD	3.226	2.887	2.612
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

28 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06346854

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS = 3.444

VS = 3.320

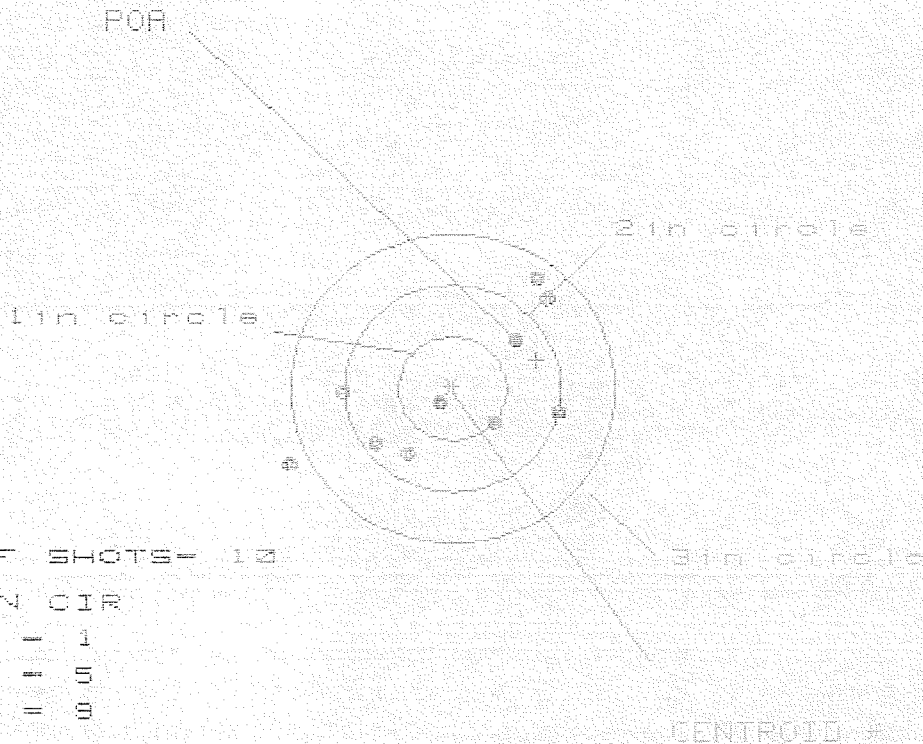
GS = 3.322

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.064	1.069	.897
MINIMUM X	-1.380	-1.375	-1.120
MAXIMUM Y	1.597	1.406	1.487
MINIMUM Y	-1.723	-1.564	-1.483
CENTROID X	.058	.053	.225
CENTROID Y	.112	.303	.222
POR TO CENTROID in.	.126	.303	.316
MIN RADIUS	.331	.155	.228
MEAN RADIUS	1.270	1.198	1.143
MAX RADIUS	1.723	1.576	1.544
HORIZONTAL SPREAD	2.444	2.444	2.017
VERTICAL SPREAD	3.320	2.970	2.970
EXTREME SPREAD	3.322	2.982	2.982
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =			6

22 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346854

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.498

VS= 1.827

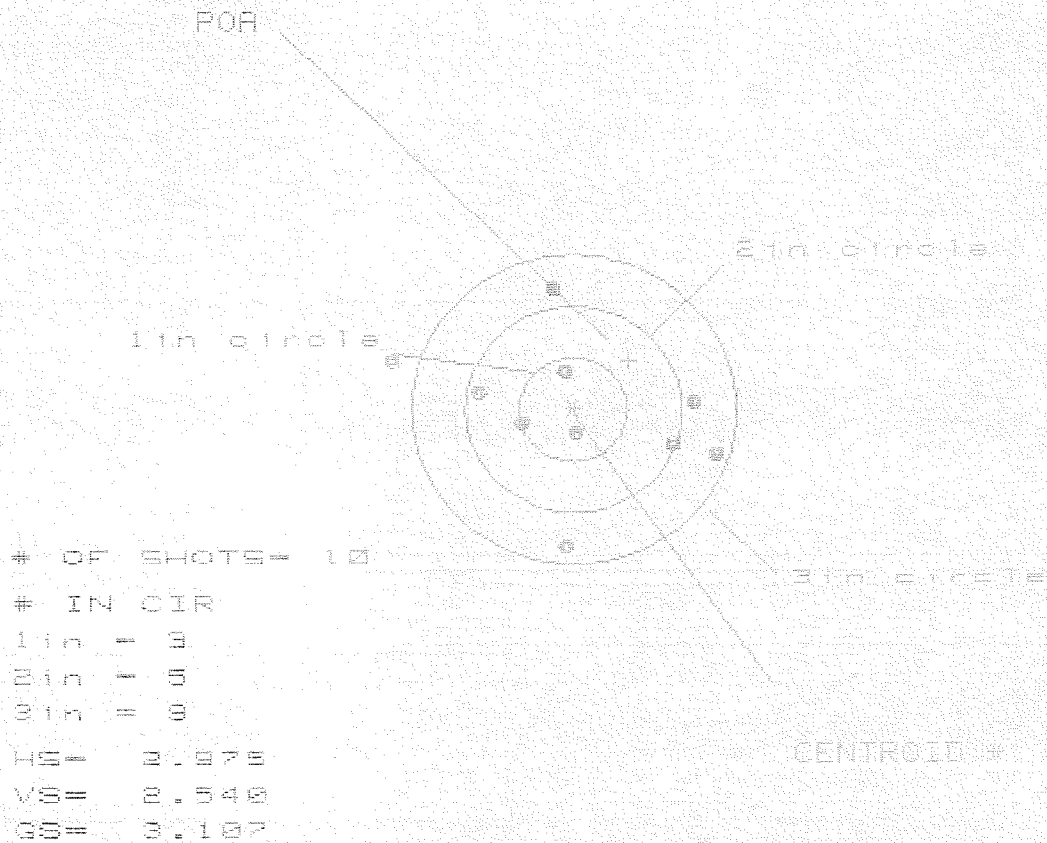
GS= 2.914

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.023	.859	.938
MINIMUM X	-1.475	-1.216	-1.137
MAXIMUM Y	1.105	1.025	.953
MINIMUM Y	-.722	-.742	-.814
CENTROID X	-.782	-.818	-.697
CENTROID Y	-.273	-.193	-.321
POA TO CENTROID in.	.828	.647	.767
MIN RADIUS	.126	.305	.179
MEAN RADIUS	.945	.866	.801
MAX RADIUS	1.643	1.220	1.270
HORIZONTAL SPREAD	2.498	2.075	2.075
VERTICAL SPREAD	1.827	1.767	1.567
EXTREME SPREAD	2.914	2.190	2.188
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Aug 1985

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CENTERFIRE PATTERNS # 5



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	6
MAXIMUM X	1.328	1.145	1.075
MINIMUM X	-1.647	-1.109	-0.966
MAXIMUM Y	1.166	1.221	1.177
MINIMUM Y	-1.374	-1.319	-1.363
CENTROID X	-0.519	-0.336	-0.473
CENTROID Y	-0.474	-0.529	-0.485
POA TO CENTROID in.	0.703	0.627	0.652
MIN RADIUS	0.262	0.257	0.201
MEAN RADIUS	0.974	0.895	0.832
MAX RADIUS	1.719	1.341	1.366
HORIZONTAL SPREAD	2.975	2.254	2.061
VERTICAL SPREAD	2.540	2.540	2.540
EXTREME SPREAD	3.107	2.543	2.543
NUMBER IN ONE INCH CIRCLE =	3	5	9
NUMBER IN TWO INCH CIRCLE =	5	9	9
NUMBER IN THREE INCH CIRCLE =	9	9	9

BARBER - M24 0039879 RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED

05/29/90

DATE OPENED

05/31/90

DATE CODE

SERIAL NUMBER

C6348854

MODEL AND GRADE

9999 7.62 NATO

ORDER

R 90-156

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

RW
GALLERY TESTER

PROOF

DATE

CLEAN

DATE

TEST

DATE

TARGET

DATE

PATTERN

DATE

RD6925 REV.

OFFICE COPY

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 003987939918

BARBER - M24 0039880

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348854DATE 3-28-90TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.45	2.73	2.50	MIN. SETTING,
PULL #2	2.38	2.42	2.69	2.43	NO AVG. OF 5
PULL #3	2.44	2.42	2.69	2.52	READINGS ACCEPT-
PULL #4	2.42	2.44	2.62	2.54	ABLE LESS THAN 2#
PULL #5	2.42	2.42	2.73	2.48	
TOTAL	12.13	12.15	13.46	12.47	
AVG.	2.426	2.43	2.692	2.494	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.56		
PULL #2	3.45	3.51		
PULL #3	3.48	3.50		
PULL #4	3.44	3.46		
PULL #5	3.46	3.45		
TOTAL	17.28	17.48		
AVG.	3.456	3.496		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.20		
PULL #2	4.15	4.23		
PULL #3	4.19	4.29		
PULL #4	4.18	4.20		
PULL #5	4.19	4.23		
TOTAL	20.91	21.15		
AVG.	4.182	4.23		