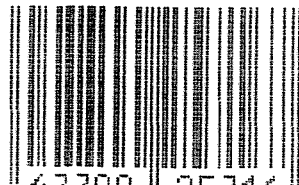


Smith
III
®

FORM

UPC



0 47700 25716 7

06665879

*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARBER LENGTH

MODEL 700 TM M24

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.MODEL 700 TM M24

SERIAL NO.

C6665879

ORDER NO.

5716

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



5716 C6665879

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665879

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KJ
600	Proof		9/23/91	KJ
607	Check Headspace		9/23/91	KJ
610	Dis-assemble Gun		9/23/91	KJ
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GS
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		SEP 30 1991	WB
620	Apply Coatings (Barrel Action)		11/2/91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/91	KJ
	C) Inspect Ejector Hole for Chamfer		10/9/91	KJ
	D) Oil Firing Pin Ass'y		10/9/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		10/11/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/11/91	JK
	G) Safety Off Force	3	3	3			10/11/91	JK
	H) Trigger Pull Test & Retainability						10/11/91	JK
	I) Firing Pin Indent	.0215	.022	.0215			10/11/91	JK
	J) Assemble Stock						10/15/91	JK
	K) Assemble Swivel Studs						10-18-91	AC
	L) Attach Front and Rear Sight Assemblies						10/15/91	JK
	M) Iron Sight Alignment						10/15/91	JK
	N) Detach Front & Rear Sights & place in numbered container						10/15/91	JK
	O) Attach Scope to Rifle						10/15/91	JK
	P) Detach & Attach Scope 20 Times						10/15/91	JK
640	Gallery Target & Test						10-16-91	AC
	A) Time						10-16-91	AC
	B) Malfunctions						10-16-91	AC
	C) Pierced Primers						10-16-91	AC
	D) Optical Clarity of Scope						10-16-91	AC
645	Inspect for Live Ammo						10-16-91	AC
655	Final Inspection						10-18-91	AC
	A) Headspace						10-18-91	AC
	B) Trigger Pull	257	260	263	260	260	10-16-91	JK
	C) Function						10-18-91	AC
660	Pack						12-17-91	-

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06665879

DATE 10/11/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.53	2.48	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.66	2.60	2.60	
PULL #3	2.69	2.55	2.51	2.63	
PULL #4	2.52	2.61	2.55	2.60	
PULL #5	2.58	2.52	2.61	2.60	
TOTAL					
AVG.					

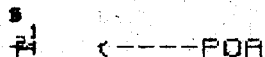
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.47		
PULL #2	3.20	3.56		
PULL #3	3.37	3.30		
PULL #4	3.44	3.43		
PULL #5	3.55	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.28		4.45
PULL #2	4.46	4.25		4.33
PULL #3	4.40	4.32		4.39
PULL #4	4.46	4.39		4.22
PULL #5	4.31	4.49		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665879
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.432112
1 TO	2	.295909
1 TO	3	.458835
1 TO	4	.282305
1 TO	5	.460483



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1284
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3324
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .356337
 THE AMR FOR THIS RIFLE IS: .324

16 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8685879

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.468

VS= 3.046

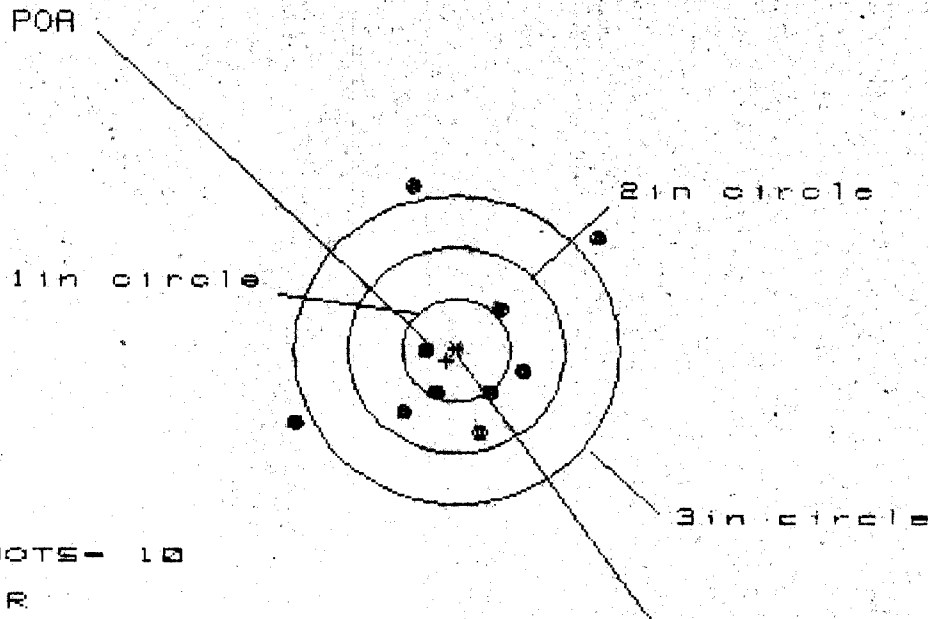
GS= 3.048

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.582	.625	.664
MINIMUM X	-.886	-.843	-.804
MAXIMUM Y	1.882	.993	.873
MINIMUM Y	-1.163	-.954	-.552
CENTROID X	.311	.268	.229
CENTROID Y	.300	.091	.211
POA TO CENTROID in.	.432	.283	.311
MIN RADIUS	.320	.159	.273
MEAN RADIUS	.808	.638	.596
MAX RADIUS	1.921	1.173	1.097
HORIZONTAL SPREAD	1.468	1.468	1.468
VERTICAL SPREAD	3.046	1.947	1.425
EXTREME SPREAD	3.048	1.972	1.743
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

16 Oct 1991

FILE: PATTERNING/CENTERFIRE PATT/C86G5879

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 7

HS= 2.771

VS= 2.426

GS= 3.261

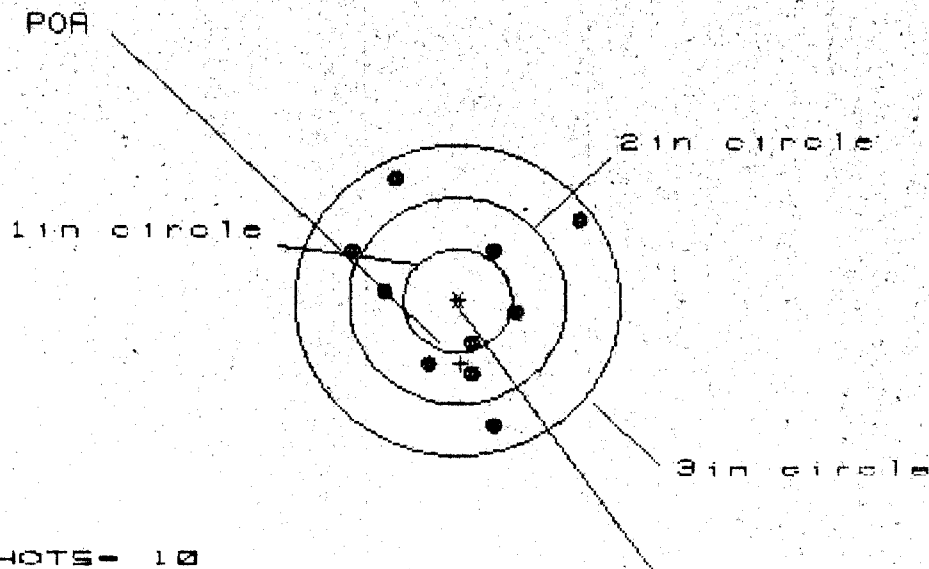
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.266	.755	.584
MINIMUM X	:	-1.505	-1.364	-.484
MAXIMUM Y	:	1.587	1.708	1.639
MINIMUM Y	:	-.839	-.718	-.787
CENTROID X	:	.092	-.049	.122
CENTROID Y	:	.101	-.020	.049
POA TO CENTROID in.	:	.136	.053	.131
MIN RADIUS	:	.293	.185	.325
MEAN RADIUS	:	.902	.788	.700
MAX RADIUS	:	1.668	1.728	1.696
HORIZONTAL SPREAD	:	2.771	2.119	1.068
VERTICAL SPREAD	:	2.426	2.426	2.426
EXTREME SPREAD	:	3.261	2.512	2.511
NUMBER IN ONE INCH CIRCLE	=	3	3	3
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	7	7	7

16 Oct 1991

FILE:/PATTERNS/CENTERFIRE.PATT/C6665879

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.057

VS= 2.356

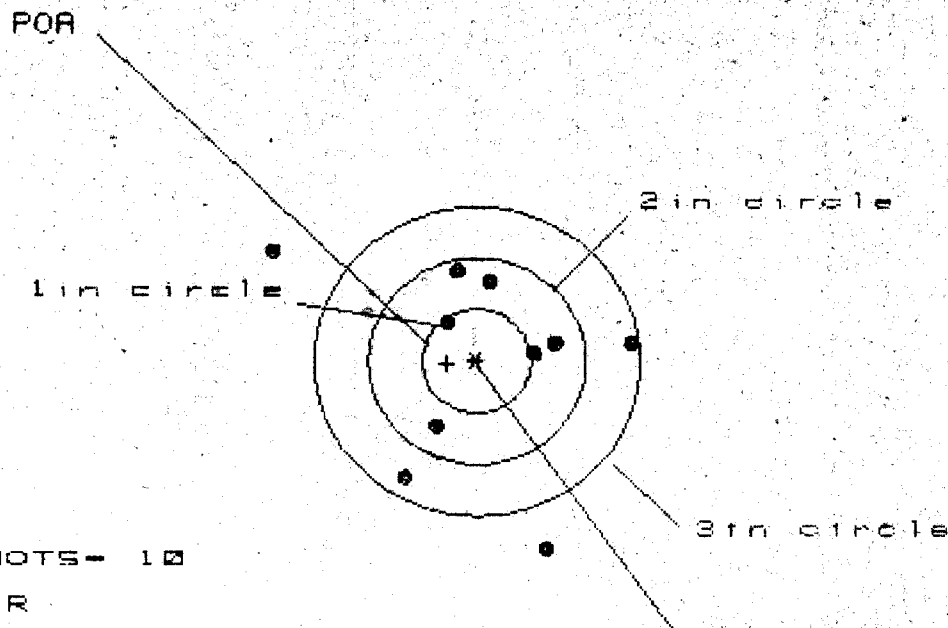
GS= 2.497

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.082	.697	.645
MINIMUM X	-.975	-.855	-.907
MAXIMUM Y	1.174	1.259	.755
MINIMUM Y	-1.182	-1.097	-.939
CENTROID X	-.030	-.150	-.039
CENTROID Y	.607	.522	.364
POA TO CENTROID in.	.508	.543	.377
MIN RADIUS	.463	.427	.267
MEAN RADIUS	.866	.803	.702
MAX RADIUS	1.330	1.327	1.180
HORIZONTAL SPREAD	2.057	1.552	1.552
VERTICAL SPREAD	2.356	2.356	1.694
EXTREME SPREAD	2.497	2.497	2.114
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

16 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/08865879

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.215

VS= 2.826

GS= 3.774

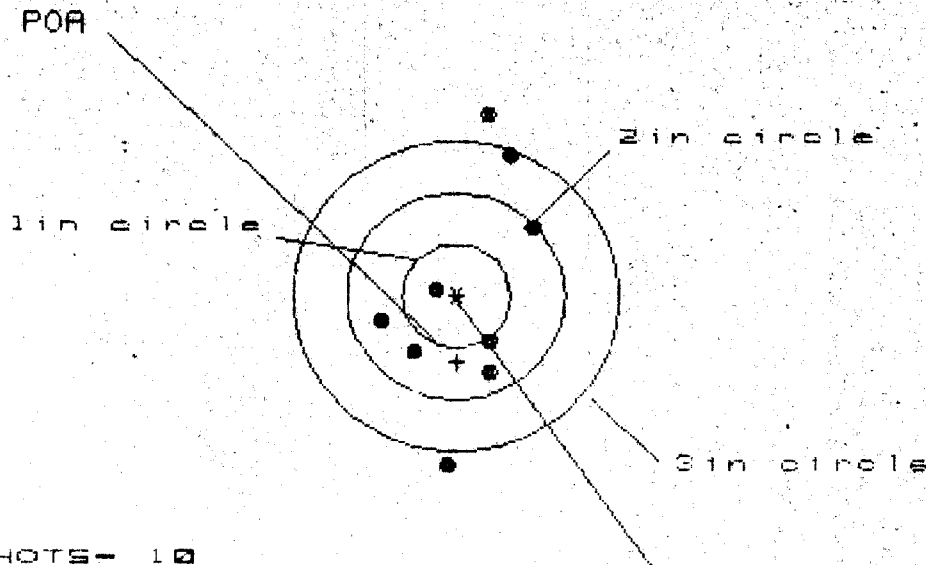
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.388	1.185	1.244
MINIMUM X	:	-1.827	-0.910	-0.851
MAXIMUM Y	:	1.035	0.966	0.756
MINIMUM Y	:	-1.791	-1.676	-1.201
CENTROID X	:	0.275	0.478	0.419
CENTROID Y	:	0.020	-0.095	0.114
POA TO CENTROID (in)	:	0.276	0.488	0.435
MIN RADIUS	:	0.487	0.327	0.342
MEAN RADIUS	:	1.082	0.959	0.819
MAX RADIUS	:	2.100	1.741	1.472
HORIZONTAL SPREAD	:	3.015	2.095	2.095
VERTICAL SPREAD	:	2.826	2.642	1.957
EXTREME SPREAD	:	3.774	2.782	2.459
NUMBER IN ONE INCH CIRCLE	:	2	2	2
NUMBER IN TWO INCH CIRCLE	:	6	6	6
NUMBER IN THREE INCH CIRCLE	:	8	8	8

16 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT.C8665879

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 1.445

VS= 3.480

GS= 3.486

CENTROID *

PATTERN

SHOTS (BEST OF)	10	9	8
MAXIMUM	.789	.749	.745
MINIMUM	-.736	-.696	-.700
MAXIMUM	1.801	1.520	1.348
MINIMUM	-1.304	-1.399	-.753
CENTROID	.606	.946	-.943
CENTROID	.671	.434	.609
POA TO CENTROID	.614	.431	.610
MIN RADIUS	.195	.198	.195
MEAN RADIUS	.760	.822	.760
MAX RADIUS	1.441	1.607	1.441
HORIZONTAL	1.445	1.445	1.445
VERTICAL	2.101	2.101	2.101
EXTREME	2.111	2.111	2.111
NUMBER IN ONE			
NUMBER IN TWO			
NUMBER IN THREE			