

C6498875

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

COMMENTS

R	ORDER
	94-18809

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN *SCODE 90-0361*

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C=O.D

WRITE

PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL	100
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MAIN FAULT

PARTS

COMMENTS

Trigger Assy	\$ 123.71
Scope Rep	119.43
Genn/Insp/Prop	50.00
	343.14

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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OFFICE COPY

FD-302 (REV. 1-25-64)

M2400009382

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6488875

DATE 9-18-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.76	2.60	2.56		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.47	2.74		
PULL #3	2.62	2.67	2.68		
PULL #4	2.34	2.42	2.69		
PULL #5	2.48	2.42	2.58		
TOTAL	12.46	12.58	13.25		
AVG.	2.49	2.51	2.65		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.41		
PULL #2	3.30	3.17		
PULL #3	3.24	3.12		
PULL #4	3.44	3.17		
PULL #5	3.22	3.03		
TOTAL	16.24	15.90		
AVG.	3.25	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	3.74	4.00	
PULL #2	4.18	3.71	4.07	
PULL #3	4.23	3.94	4.20	
PULL #4	4.02	3.87	4.21	
PULL #5	4.04	3.84	4.24	
TOTAL	20.47	19.10	20.72	
AVG.	4.09	3.82	4.14	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6498875

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

op. #	OP. NAME	READINGS					DATE	INIT
525 cont.	F) Safety On Force	5	5	5			11/27	W.B.
	G) Safety Off Force	3	3	3			11/27	W.B.
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.37	2.33	2.44	2.38	2.38	11/27	W.B.
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498875

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12 90		RW
600	Proof	7 12 90		RW
607	Check Headspace	7 12 90		RW
610	Dis-assemble Gun	7 12 90		RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	Y.S.
617	Drill and Tap Sight Holes		7/23/90	LB
618	Polish Barrel RB		7/24/90	WB
620	Apply Coatings (Barrel Action)		7-6-90	Y.S.
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/27/90	Y.S.
	E) Adjust Trigger Pull to Min Setting and Stake		8/27/90	Y.S.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			8/28/90	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/28/90	WLB
	H) Trigger Pull Test & Retainability						8/27/90	JLL
	I) Firing Pin Indent	.023	.023	.023			8/28/90	WLB
	J) Assemble Stock						8/28/90	RW
	K) Assemble Swivel Studs						9/8/90	928
	L) Attach Front and Rear Sight Assemblies						8/28/90	RW
	M) Iron Sight Alignment						8/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/28/90	RW
	O) Attach Scope to Rifle						8/28/90	RW
	P) Detach & Attach Scope 20 Times						8/28/90	RW
640	Gallery Target & Test						9/5/90	NF
	A) Time						9/5/90	NF
	B) Malfunctions						9/5/90	NF
	C) Pierced Primers						9/5/90	NF
	D) Optical Clarity of Scope						9/5/90	NF
645	Inspect for Live Ammo						9/5/90	NF
655	Final Inspection						9/8/90	928
	A) Headspace						9/8/90	928
	B) Trigger Pull	257	244	247	241	245	9/8/90	928
	C) Function						9/8/90	928
660	Pack						9/19/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C649875
DATE 8/27/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.37	2.35	257	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.28	2.23	244	
PULL #3	2.26	2.29	2.30	247	
PULL #4	2.34	2.35	2.30	241	
PULL #5	2.29	2.36	2.25	245	
TOTAL	11.60	11.65	11.49		
AVG.	2.32	2.33	2.298		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.18		
PULL #2	3.24	3.28		
PULL #3	3.25	3.26		
PULL #4	3.27	3.26		
PULL #5	3.06	3.30		
TOTAL	16.04	16.28		
AVG.	3.208	3.256		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.15		4.23
PULL #2	4.13	4.22		4.24
PULL #3	4.15	4.22		4.26
PULL #4	4.18	4.23		4.26
PULL #5	4.16	4.24		4.32
TOTAL	20.89	21.06		21.31
AVG.	4.178	4.212		4.262

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498875
6 Sep 1990

CENTROIDAL DISTANCES

0 TO 1	.22573
1 TO 2	.38246
1 TO 3	.136682
1 TO 4	.441865
1 TO 5	.421659

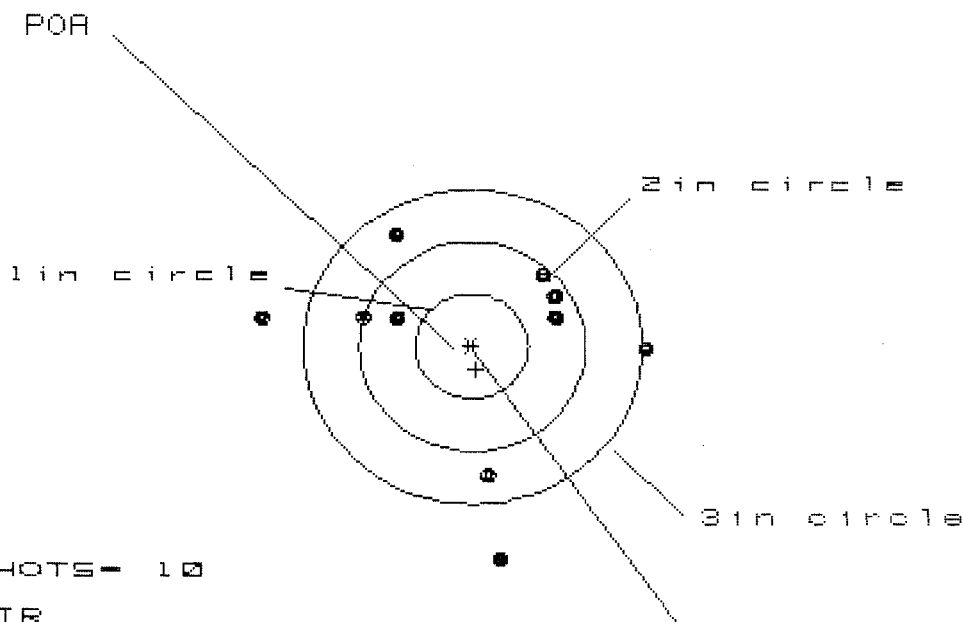
4⁵
4² <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0714
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .084935
THE AMR FOR THIS RIFLE IS: 1.23

6 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG438875

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS = 3.336

VS = 3.086

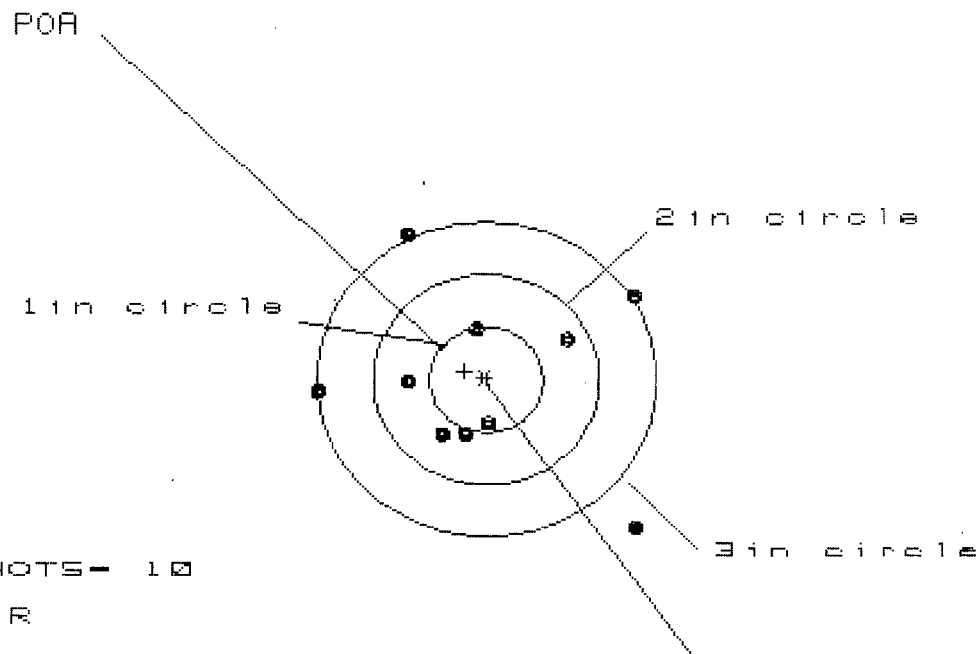
GS = 3.347

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.518	1.549	1.326
MINIMUM X	-1.818	-1.787	-1.142
MAXIMUM Y	1.070	.846	.848
MINIMUM Y	-2.016	-1.475	-1.473
CENTROID X	-.035	-.066	.157
CENTROID Y	.223	.447	.445
POA TO CENTROID in.	.226	.452	.472
MIN RADIUS	.748	.672	.574
MEAN RADIUS	1.225	1.099	.982
MAX RADIUS	2.036	1.787	1.473
HORIZONTAL SPREAD	3.336	3.336	2.468
VERTICAL SPREAD	3.086	2.321	2.321
EXTREME SPREAD	3.347	3.347	2.487
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B875

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in - 7

HS- 2.815

VS- 2.821

GS- 3.429

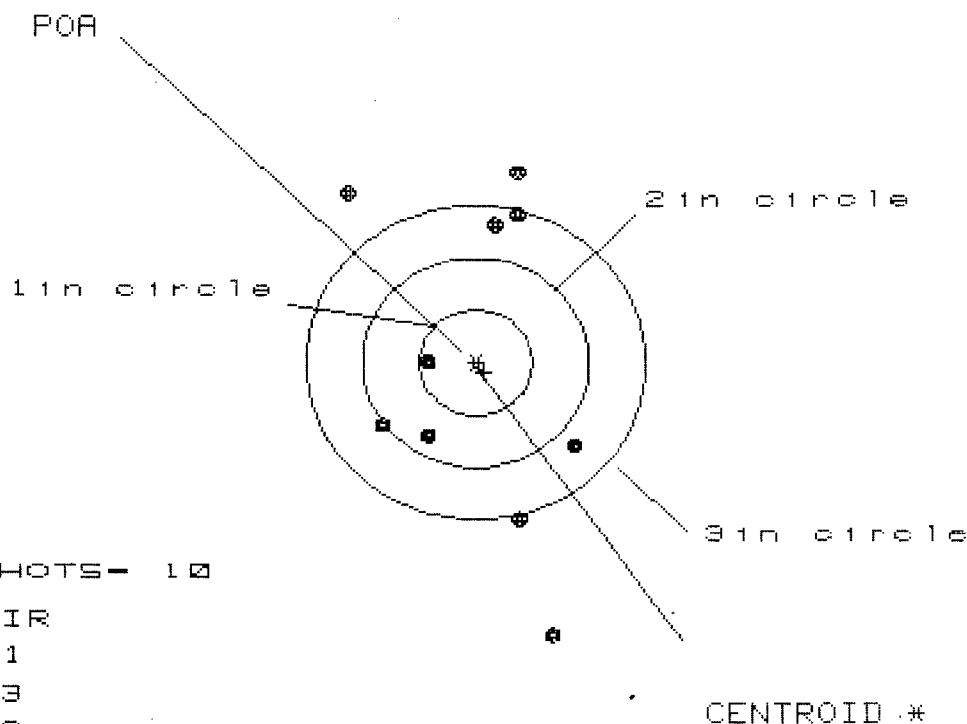
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.341	1.487	1.089
MINIMUM X	:	-1.474	-1.328	-1.142
MAXIMUM Y	:	1.362	1.200	1.275
MINIMUM Y	:	-1.459	-.676	-.601
CENTROID X	:	.189	.043	-.142
CENTROID Y	:	-.087	.075	.000
POA TO CENTROID in.	:	.208	.087	.143
MIN RADIUS	:	.403	.360	.329
MEAN RADIUS	:	1.008	.894	.779
MAX RADIUS	:	1.961	1.603	1.311
HORIZONTAL SPREAD	:	2.815	2.815	2.231
VERTICAL SPREAD	:	2.821	1.876	1.876
EXTREME SPREAD	:	3.429	2.954	2.284
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			7	

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498875

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.065

VS= 4.339

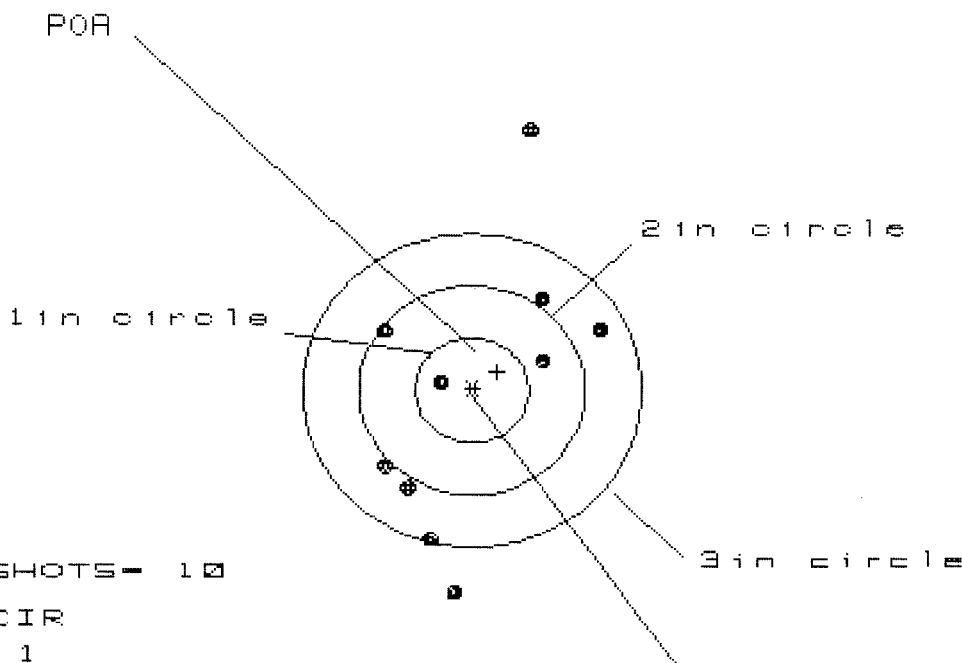
GS= 4.516

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.908	.978	.842
MINIMUM X	:	-1.157	-1.087	-.872
MAXIMUM Y	:	1.766	1.481	1.642
MINIMUM Y	:	-2.573	-1.808	-1.647
CENTROID X	:	-.074	-.144	-.008
CENTROID Y	:	.092	.377	.216
POA TO CENTROID in.	:	.118	.404	.217
MIN RADIUS	:	.402	.421	.477
MEAN RADIUS	:	1.411	1.260	1.199
MAX RADIUS	:	2.649	1.860	1.676
HORIZONTAL SPREAD	:	2.065	2.065	1.714
VERTICAL SPREAD	:	4.339	3.289	3.289
EXTREME SPREAD	:	4.516	3.451	3.289
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			6	

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498875

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 1.933

VS= 4.400

GS= 4.454

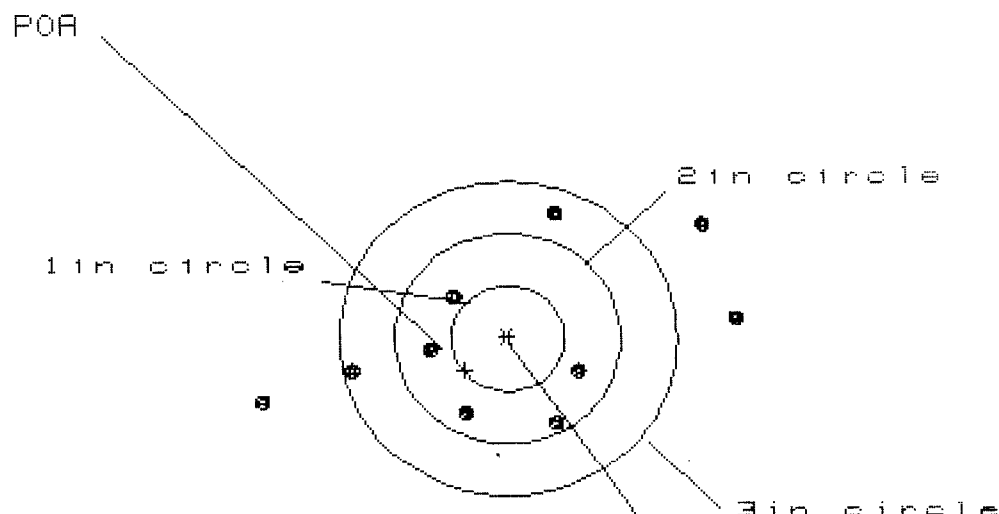
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.134	1.195	1.185
MINIMUM X	:	-.799	-.738	-.748
MAXIMUM Y	:	2.517	1.125	.925
MINIMUM Y	:	-1.883	-1.603	-1.391
CENTROID X	:	-.229	-.290	-.280
CENTROID Y	:	-.174	-.454	-.254
POA TO CENTROID in.	:	.288	.539	.378
MIN RADIUS	:	.275	.380	.250
MEAN RADIUS	:	1.231	1.071	.978
MAX RADIUS	:	2.577	1.605	1.434
HORIZONTAL SPREAD	:	1.933	1.933	1.933
VERTICAL SPREAD	:	4.400	2.728	2.316
EXTREME SPREAD	:	4.454	2.824	2.567
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	7		

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C643B875

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 4.156

VS= 1.936

GS= 4.236

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.985	1.744	1.924
MINIMUM X	:	-2.171	-1.661	-1.481
MAXIMUM Y	:	1.155	1.088	1.214
MINIMUM Y	:	-.781	-.848	-.722
CENTROID X	:	.379	.620	.440
CENTROID Y	:	.303	.370	.243
POA TO CENTROID in.	:	.486	.722	.503
MIN RADIUS	:	.629	.526	.620
MEAN RADIUS	:	1.273	1.170	1.058
MAX RADIUS	:	2.252	1.765	1.945
HORIZONTAL SPREAD	:	4.156	3.405	3.405
VERTICAL SPREAD	:	1.936	1.936	1.936
EXTREME SPREAD	:	4.236	3.443	3.443
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

Remington[®]

MODEL 700[™] H24

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

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6498875

ORDER NO.
5716

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