

C6523525

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

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

MODEL 700™ H24

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

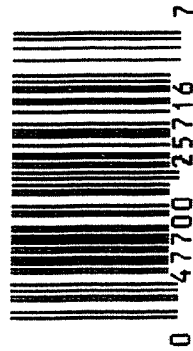
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6523525	ORDER NO. 5716
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



UPC



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523525

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	K4
600	Proof		10/1/90	K4
607	Check Headspace		10/1/90	K4
610	Dis-assemble Gun		10/1/90	K4
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	LS
617	Drill and Tap Sight Holes		10/4/90	F03
618	Polish Barrel R3		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/7/90	WK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/4	4.0			10/7/90	KS
	G) Safety Off Force	2 1/2	2 3/4	2 1/2			11/7/90	KS
	H) Trigger Pull Test & Retainability						11/7/90	WB
	I) Firing Pin Indent	.022	.022	.023			11/7/90	KS
	J) Assemble Stock						11/8/90	KS
	K) Assemble Swivel Studs						11-19-90	DH
	L) Attach Front and Rear Sight Assemblies						11/8/90	KS
	M) Iron Sight Alignment						11/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/8/90	KS
	O) Attach Scope to Rifle						11/8/90	KS
	P) Detach & Attach Scope 20 Times						11/8/90	KS
640	Gallery Target & Test						11-9-90	✓
	A) Time						11	✓
	B) Malfunctions						11	✓
	C) Pierced Primers						11	✓
	D) Optical Clarity of Scope						11	✓
645	Inspect for Live Ammo						11-9-90	✓
655	Final Inspection							
	A) Headspace						11-19-90	DH
	B) Trigger Pull	241	235	232	234	237	11-19-90	DH
	C) Function						11-19-90	DH
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523525

DATE 11/6/80

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.50	2.51	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.49	2.56	2.35	
PULL #3	2.41	2.45	2.54	2.32	
PULL #4	2.46	2.54	2.44	2.34	
PULL #5	2.43	2.44	2.50	2.37	
TOTAL	12.04	12.42	12.55		
AVG.	2.41	2.48	2.51		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.20		
PULL #2	3.20	3.11		
PULL #3	3.27	3.00		
PULL #4	3.12	3.00		
PULL #5	3.18	3.01		
TOTAL	15.82	15.32		
AVG.	3.16	3.06		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.25		4.11
PULL #2	4.21	4.17		4.00
PULL #3	4.26	4.24		4.04
PULL #4	4.19	4.30		4.00
PULL #5	4.08	4.11		4.00
TOTAL	20.89	21.07		20.15
AVG.	4.18	4.21		4.03

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523525
9 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.160378
1 TO	2	.182945
1 TO	3	.134495
1 TO	4	.434037
1 TO	5	.311328

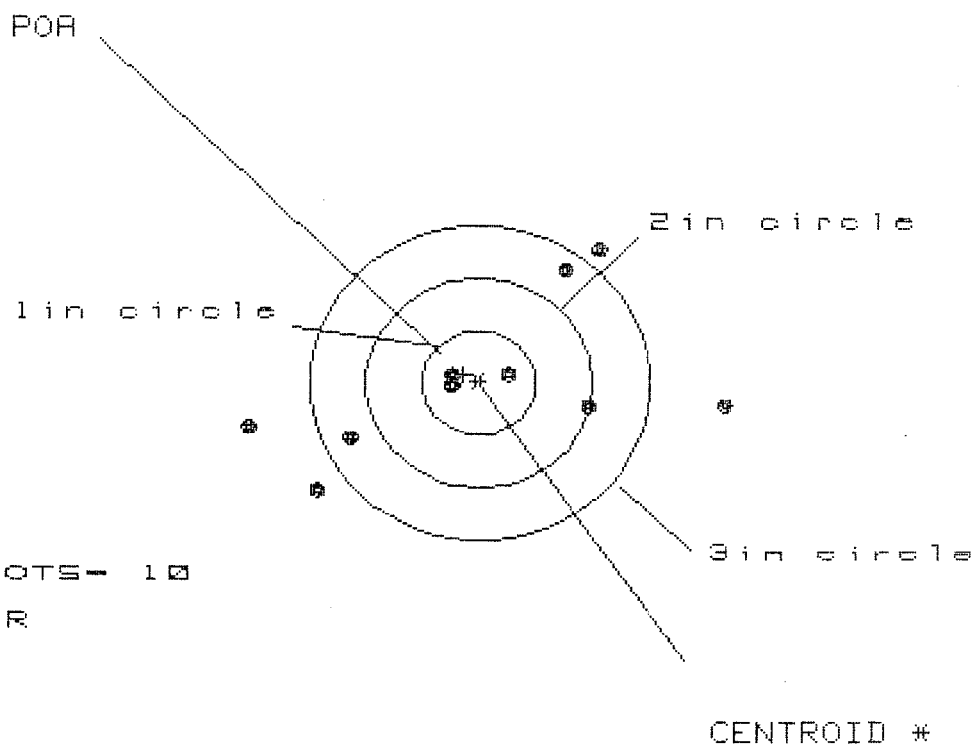
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .08
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13121
THE AMR FOR THIS RIFLE IS: 1.042

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523525

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 4

3in = 6

HS = 4.141

VS = 2.346

GS = 4.149

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.135	1.276	1.055
MINIMUM X	-2.006	-1.769	-1.416
MAXIMUM Y	1.285	1.263	1.202
MINIMUM Y	-1.060	-1.083	-1.144
CENTROID X	.139	-.098	.123
CENTROID Y	-.080	-.057	.004
POA TO CENTROID in.	.160	.113	.123
MIN RADIUS	.225	.047	.200
MEAN RADIUS	1.196	1.062	.965
MAX RADIUS	2.145	1.834	1.820
HORIZONTAL SPREAD	4.141	3.045	2.471
VERTICAL SPREAD	2.346	2.346	2.346
EXTREME SPREAD	4.149	3.511	3.407
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523525

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 8

3in = 8

HS = 1.422

VS = 3.392

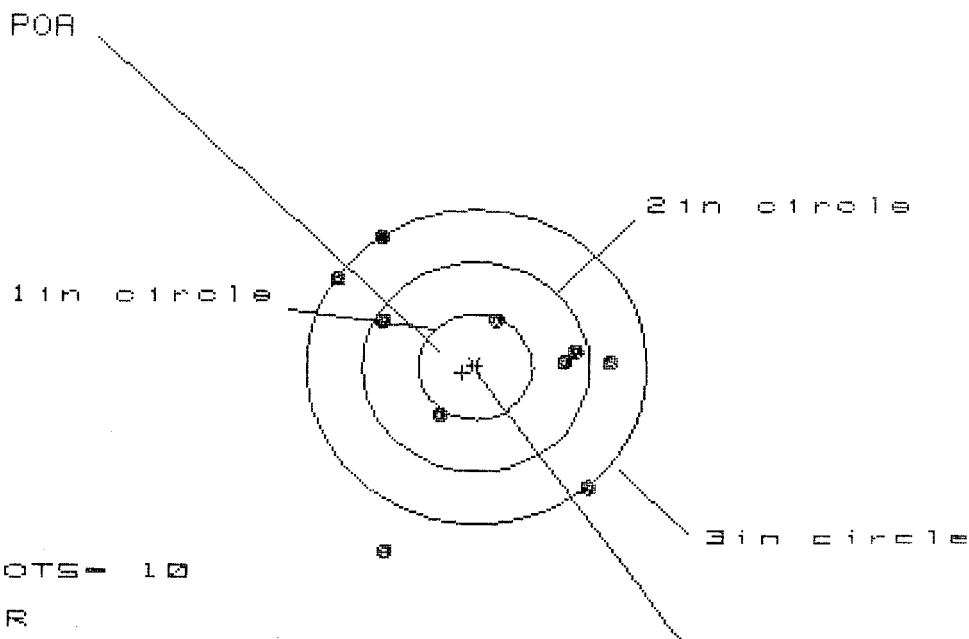
GS = 3.425

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.690	.745	.755
MINIMUM X	:	-.732	-.677	-.667
MAXIMUM Y	:	1.761	.782	.602
MINIMUM Y	:	-1.631	-1.435	-.779
CENTROID X	:	-.023	-.078	-.088
CENTROID Y	:	.005	-.191	-.011
POA TO CENTROID in.	:	.023	.206	.089
MIN RADIUS	:	.132	.074	.107
MEAN RADIUS	:	.860	.732	.637
MAX RADIUS	:	1.830	1.437	.899
HORIZONTAL SPREAD	:	1.422	1.422	1.422
VERTICAL SPREAD	:	3.392	2.217	1.381
EXTREME SPREAD	:	3.425	2.269	1.708
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523525

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.404

VS = 3.034

GS = 3.034

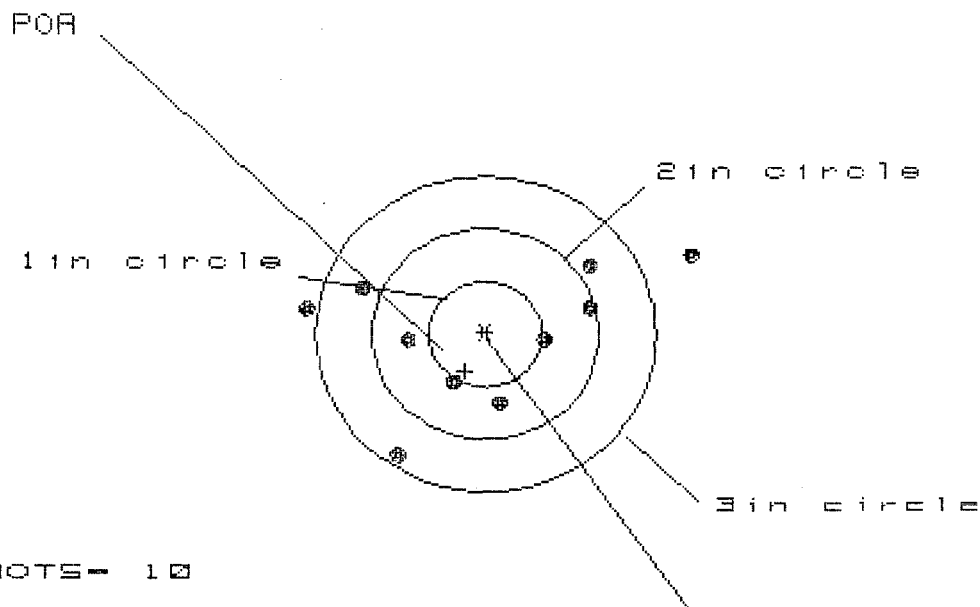
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.179	1.085	.969
MINIMUM X	:	-1.225	-1.319	-1.435
MAXIMUM Y	:	1.276	1.080	.817
MINIMUM Y	:	-1.758	-1.324	-1.189
CENTROID X	:	.119	.213	.329
CENTROID Y	:	.053	.249	.114
POA TO CENTROID in.	:	.131	.327	.348
MIN RADIUS	:	.491	.275	.394
MEAN RADIUS	:	1.137	1.015	.947
MAX RADIUS	:	1.949	1.589	1.651
HORIZONTAL SPREAD	:	2.404	2.404	2.404
VERTICAL SPREAD	:	3.034	2.404	2.006
EXTREME SPREAD	:	3.034	3.007	2.975
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			7	

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523525

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 3.419

VS= 1.930

GS= 3.460

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.831	1.163	.990
MINIMUM X	:	-1.588	-1.384	-1.034
MAXIMUM Y	:	.771	.697	.738
MINIMUM Y	:	-1.159	-1.073	-1.032
CENTROID X	:	.181	-.023	.150
CENTROID Y	:	.352	.266	.225
POA TO CENTROID in.	:	.395	.267	.270
MIN RADIUS	:	.516	.375	.392
MEAN RADIUS	:	1.059	.931	.854
MAX RADIUS	:	1.987	1.422	1.286
HORIZONTAL SPREAD	:	3.419	2.547	2.024
VERTICAL SPREAD	:	1.930	1.770	1.770
EXTREME SPREAD	:	3.460	2.547	2.475
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523525

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 3.288

VS = 2.095

GS = 3.372

CENTROID *

PATTERN #	:	5	6	7
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.882	1.184	.712
MINIMUM X	:	-1.416	-1.207	-1.059
MAXIMUM Y	:	1.223	1.261	1.048
MINIMUM Y	:	-.872	-.834	-.676
CENTROID X	:	-.016	-.225	-.373
CENTROID Y	:	.190	.152	-.006
POA TO CENTROID in.	:	.190	.272	.373
MIN RADIUS	:	.061	.258	.205
MEAN RADIUS	:	.957	.827	.689
MAX RADIUS	:	1.912	1.730	1.234
HORIZONTAL SPREAD	:	3.298	2.391	1.771
VERTICAL SPREAD	:	2.095	2.095	1.724
EXTREME SPREAD	:	3.372	2.871	2.199
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

RECEIVING BARBER M24 0029702

COMMENTS

ORDER
R 94-18348INITIAL FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

Scope 89-0265

DATE RECEIVED 06/11/94	DATE OPENED 06/11/94	DATE CODE	SERIAL NUMBER C652352	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE						

C6523525

FROM:

SHIP TO:

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

AL 36201-5025

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

AL
36201-5025

CUST NO: 098397 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS TRIGGER ASSY \$173.31 COMMENTS

CTR 50.00

\$223.31

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0029702

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

SERIAL NO. C6523525

DATE _____

TESTER EW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.87	2.74	2.94		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.86	2.85	2.78		
PULL #3	2.85	2.88	2.85		
PULL #4	2.87	2.72	2.85		
PULL #5	2.85	2.83	2.88		
TOTAL	14.30	14.02	14.30		
AVG.	2.86	2.80	2.86		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.28		
PULL #2	3.24	3.18		
PULL #3	3.26	3.37		
PULL #4	3.31	3.25		
PULL #5	3.25	3.29		
TOTAL	16.35	16.37		
AVG.	3.27	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.30		4.32
PULL #2	4.25	4.15		4.14
PULL #3	4.12	4.11		4.10
PULL #4	4.04	4.11		4.07
PULL #5	4.10	4.08		4.24
TOTAL	20.54	20.75		20.87
AVG.	4.11	4.15		4.17

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523525

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. #	BARBER - M24 0029666 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1/25/96	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			1/25/96	WB
	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						1/24/96	WB
	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	2.43	2.51	2.54	2.53	2.36	1/25/96	WB
	C) Function							
660	Pack							