

06594514

MODEL 760™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

2111

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		36062	
SERIAL NUMBER		C16594514	
LOG-IN DATE		11-26-01	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-27-01	RHL
560 A	RE-BARREL	11/28/01	BWT
B	DRILL AND TAP	11/28/01	BWT
575	ASSEMBLE	11-28-01	RHL
600	PROOF	11-28-01	AC
605	CHECK HEADSPACE	11-29-01	RHL
610	DIS-ASSEMBLE GUN	11-29-01	RHL
612	MAGNAFLUX	11-29-01	AC
615	ROLLMARK CALIBER	11-29-01	RHL
618	ROTO-BLAST	11-30-01	WA
620	APPLY COATINGS	11/30/01	HP
625 A	FINAL ASSEMBLY	12-4-01	RHL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-4-01	AC
655	FINAL INSPECT	12-5-01	RHL
660	PACK	12-5-01	WA
		SHIP DATE	
QAR INSPECTION DATE			

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00036062 Serial: C6594514 Model 700 Center Fire Caliber 7 62 NATO SWS M24 WOGS 6 of 6 Repairman: Status: New 11/26/01 12:28:42 PM

Verify Repair High Priority

Address Information

Customer: Received From Return To: Received From

Name: CDR A CO 1ST BN 3RD SFG A CDR A CO 1ST BN 3RD SFG A

Address 1: BLDG E1646 BLDG E1646

Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: 910 432 2369 8084

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case(WOG)	1
A017	Scope Base	1

Repair Search Refresh Close

naglet 11/26/01 1:28 PM CAPS NUM INS SCAL

Start Inb... Ar... Th... Par... Sc... Cal... Isra... 1:28 PM

Serial Number: C6594514

Model: 700



RE00036062

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594514.__0
FILE DATE AND TIME: 12/04/2001 03:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	<u>1.106</u>
The Distance from POA to Centroid Target #1:	0.003
The Distance from Centroid Target #2 to Centroid Target #1:	0.028
The Distance from Centroid Target #3 to Centroid Target #1:	0.090
The Distance from Centroid Target #4 to Centroid Target #1:	0.174
The Distance from Centroid Target #5 to Centroid Target #1:	0.093

SERIAL NUMBER: C0594514. 0

TARGET NUMBER: 1

FILE DATE: 12/04/2001

FILE TIME: 03:54

POINT#	X	Y
1:	0.665	1.213
2:	1.269	0.246
3:	0.151	0.592
4:	0.073	0.849
5:	-0.914	0.022
6:	-0.215	-0.240
7:	0.103	-0.189
8:	0.248	-0.173
9:	-0.249	-1.172
10:	-1.099	-1.141

X CENTROID: 0.003

Y CENTROID: 0.001

POA TO CENTROID: 0.003

HORZ SPREAD: 2.368

VERT SPREAD: 2.385

GROUP SPREAD: 2.942

MIN RADIUS: 0.214

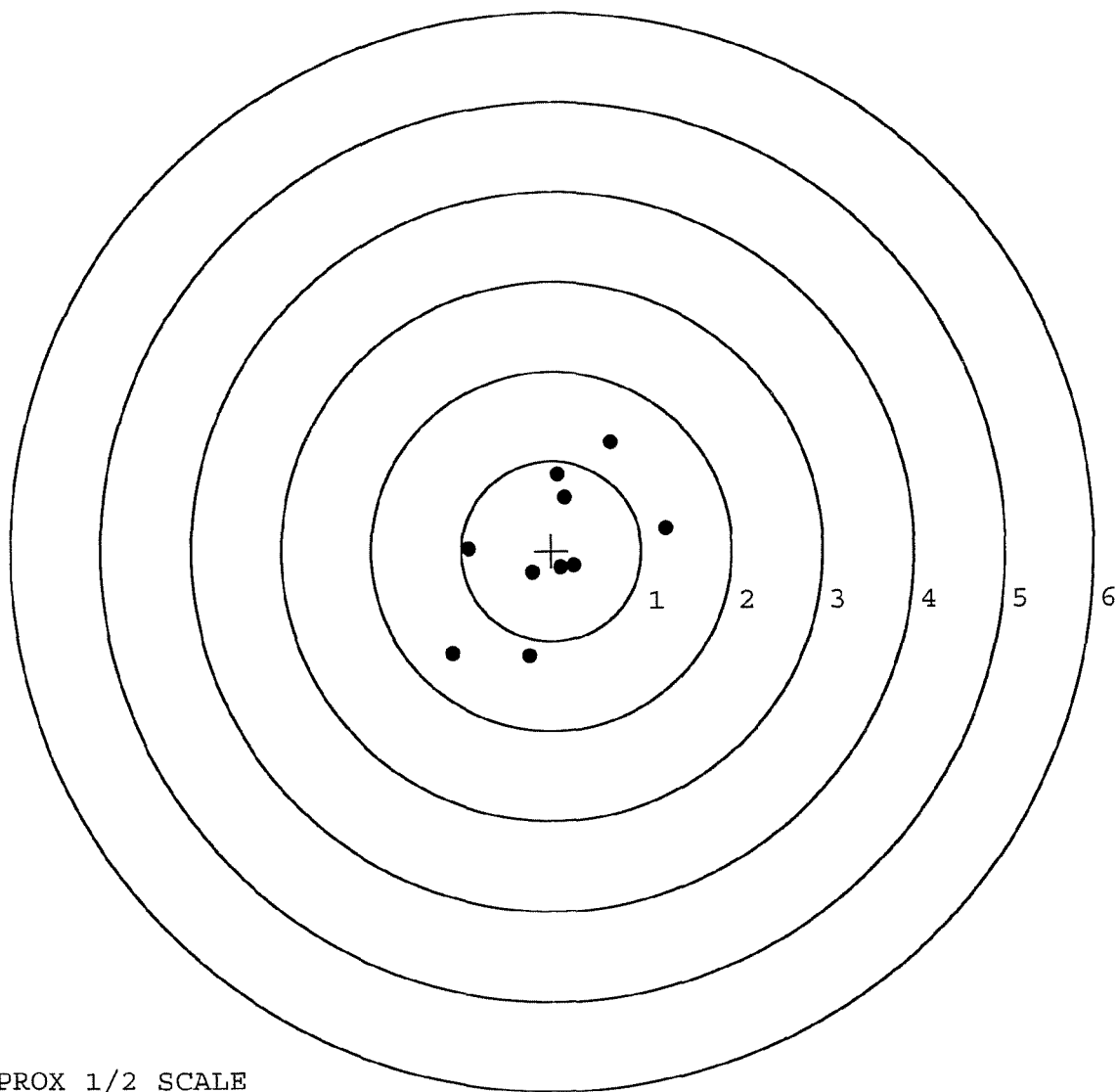
MAX RADIUS: 1.587

MEAN RADIUS: 0.867

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

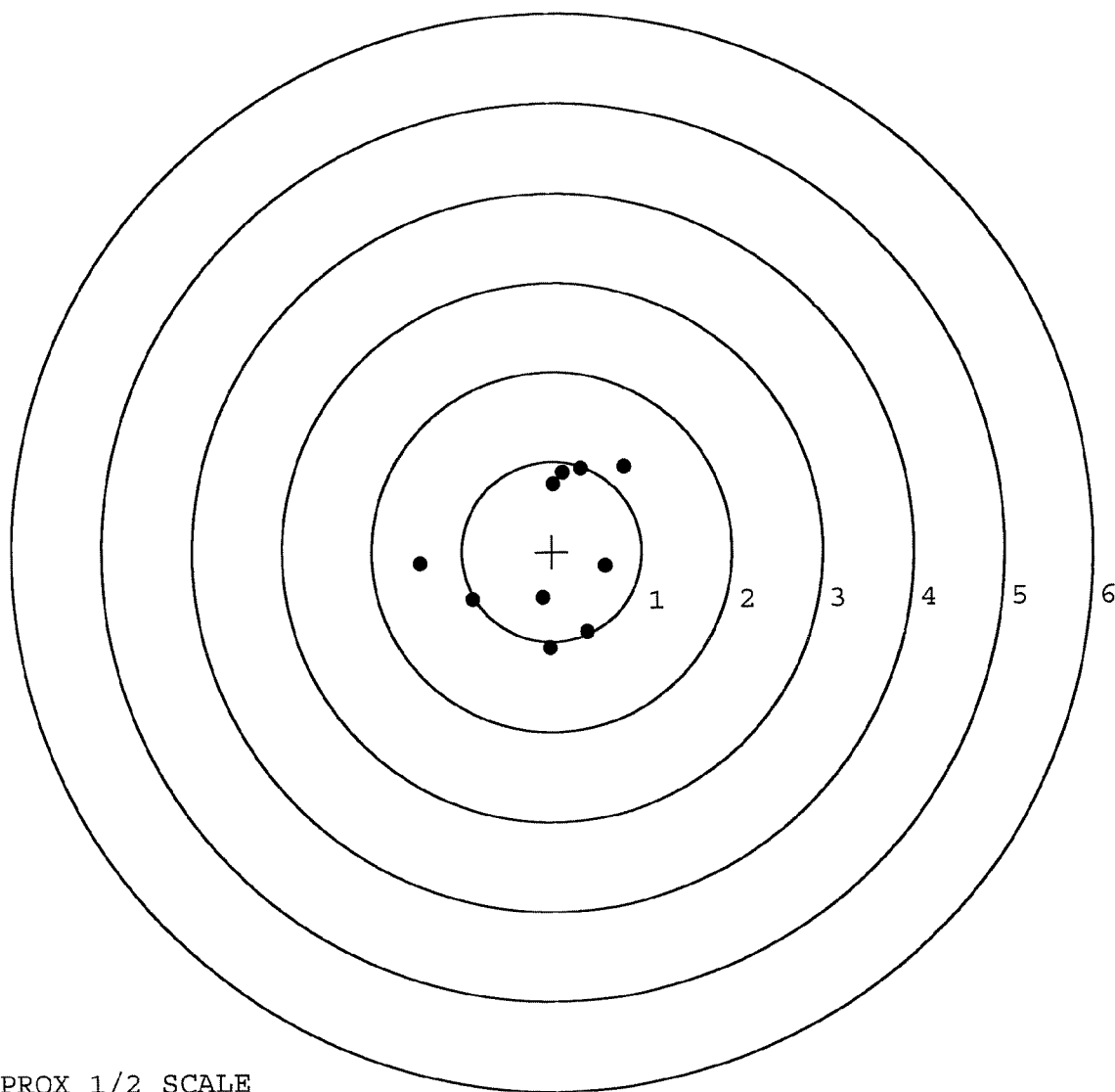


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594514. __ 0
TARGET NUMBER: 2
FILE DATE: 12/04/2001
FILE TIME: 03:54

X CENTROID: -0.020
Y CENTROID: 0.016
POA TO CENTROID: 0.026
HORZ SPREAD: 2.278
VERT SPREAD: 2.016
GROUP SPREAD: 2.516
MIN RADIUS: 0.538
MAX RADIUS: 1.453
MEAN RADIUS: 0.957
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.812	0.940
2:	0.330	0.917
3:	0.023	0.751
4:	-1.466	-0.129
5:	-0.882	-0.528
6:	-0.108	-0.514
7:	0.594	-0.172
8:	0.391	-0.900
9:	-0.028	-1.076
10:	0.131	0.874

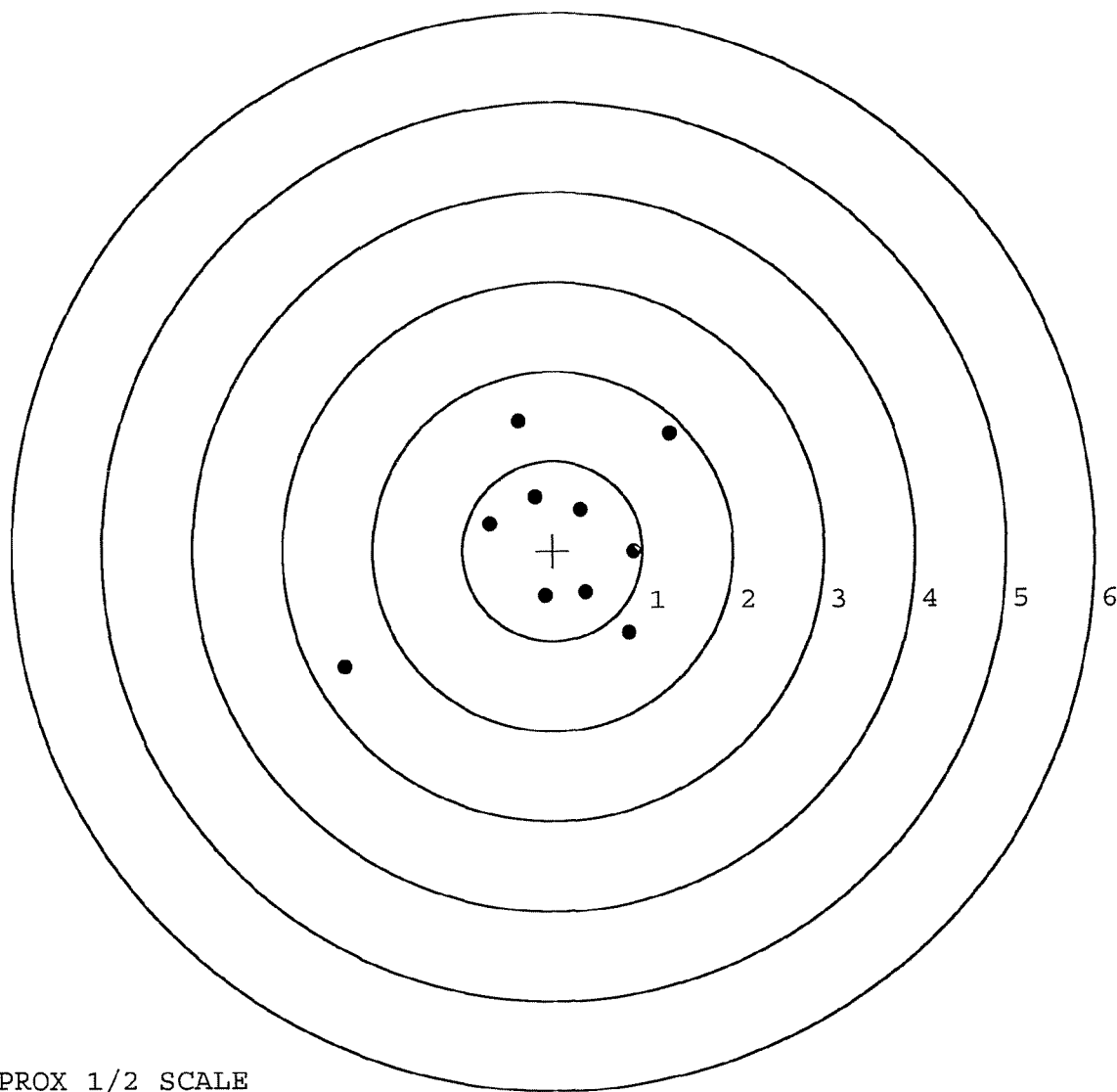


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594514. __0
TARGET NUMBER: 3
FILE DATE: 12/04/2001
FILE TIME: 03:54

X CENTROID: 0.004
Y CENTROID: 0.090
POA TO CENTROID: 0.091
HORZ SPREAD: 3.613
VERT SPREAD: 2.739
GROUP SPREAD: 4.444
MIN RADIUS: 0.481
MAX RADIUS: 2.695
MEAN RADIUS: 1.112
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.304	1.294
2:	-0.382	1.446
3:	0.313	0.459
4:	-0.198	0.597
5:	-0.703	0.305
6:	-0.091	-0.502
7:	0.364	-0.464
8:	0.844	-0.918
9:	0.902	-0.020
10:	-2.309	-1.293



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594514. __ 0

TARGET NUMBER: 4

FILE DATE: 12/04/2001

FILE TIME: 03:54

X CENTROID: -0.147

Y CENTROID: 0.089

POA TO CENTROID: 0.172

HORZ SPREAD: 2.643

VERT SPREAD: 4.480

GROUP SPREAD: 4.481

MIN RADIUS: 0.644

MAX RADIUS: 2.411

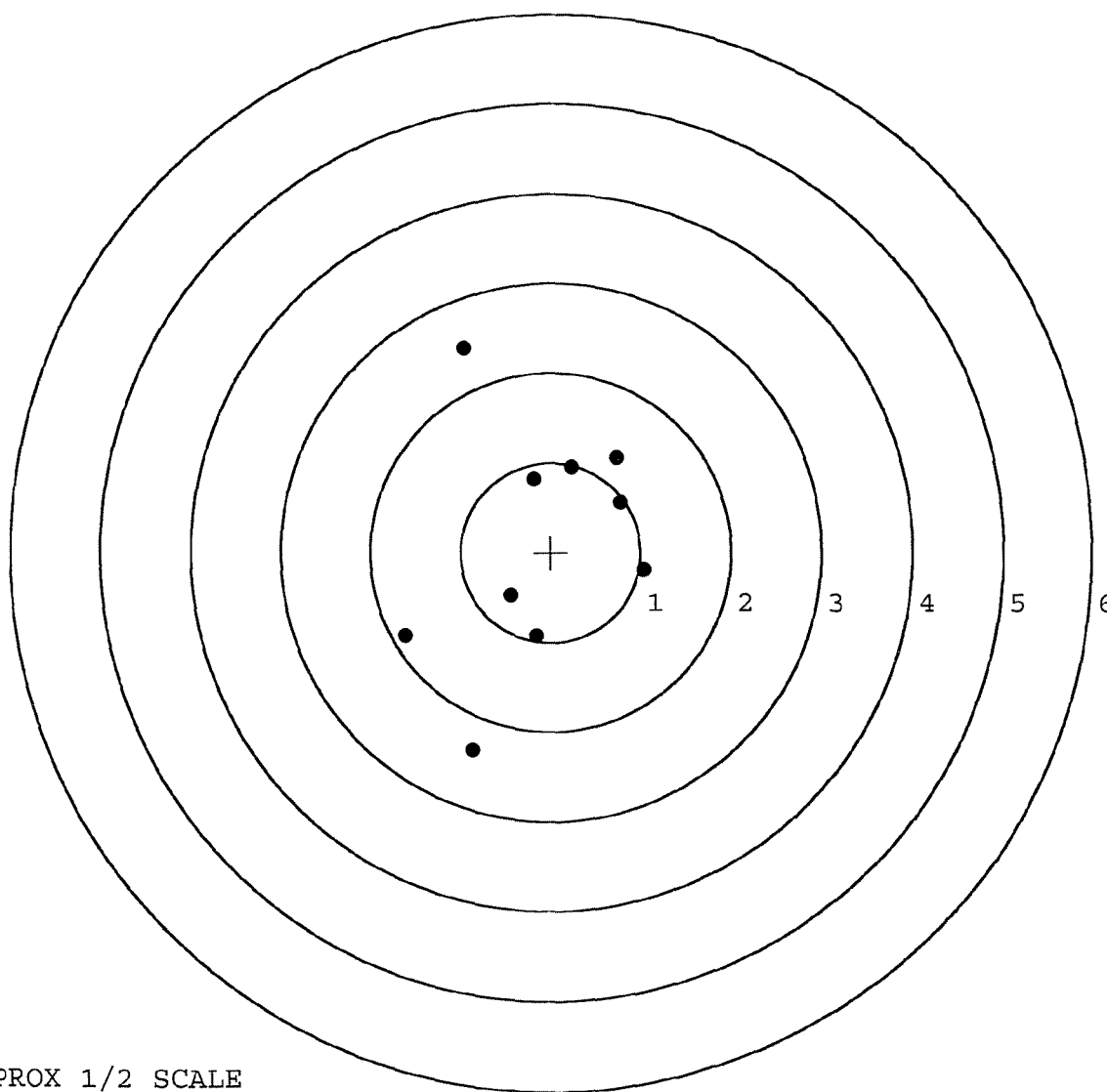
MEAN RADIUS: 1.342

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.974	2.265
2:	0.729	1.056
3:	0.227	0.947
4:	-0.195	0.817
5:	0.778	0.564
6:	1.034	-0.191
7:	-0.158	-0.938
8:	-0.443	-0.483
9:	-1.609	-0.937
10:	-0.859	-2.215



TARGET APPROX 1/2 SCALE

SERIAL NUMBER:CG594514._0

TARGET NUMBER: 5

FILE DATE: 12/04/2001

FILE TIME: 03:54

POINT#	X	Y
1:	0.576	1.330
2:	-0.035	1.252
3:	-0.526	1.528
4:	-0.148	0.605
5:	-0.450	-0.021
6:	0.056	-0.788
7:	-0.830	-2.150
8:	0.546	-2.000
9:	1.227	-0.792
10:	-0.380	0.117

X CENTROID: 0.004

Y CENTROID: -0.092

POA TO CENTROID: 0.092

HORZ SPREAD: 2.057

VERT SPREAD: 3.678

GROUP SPREAD: 3.753

MIN RADIUS: 0.437

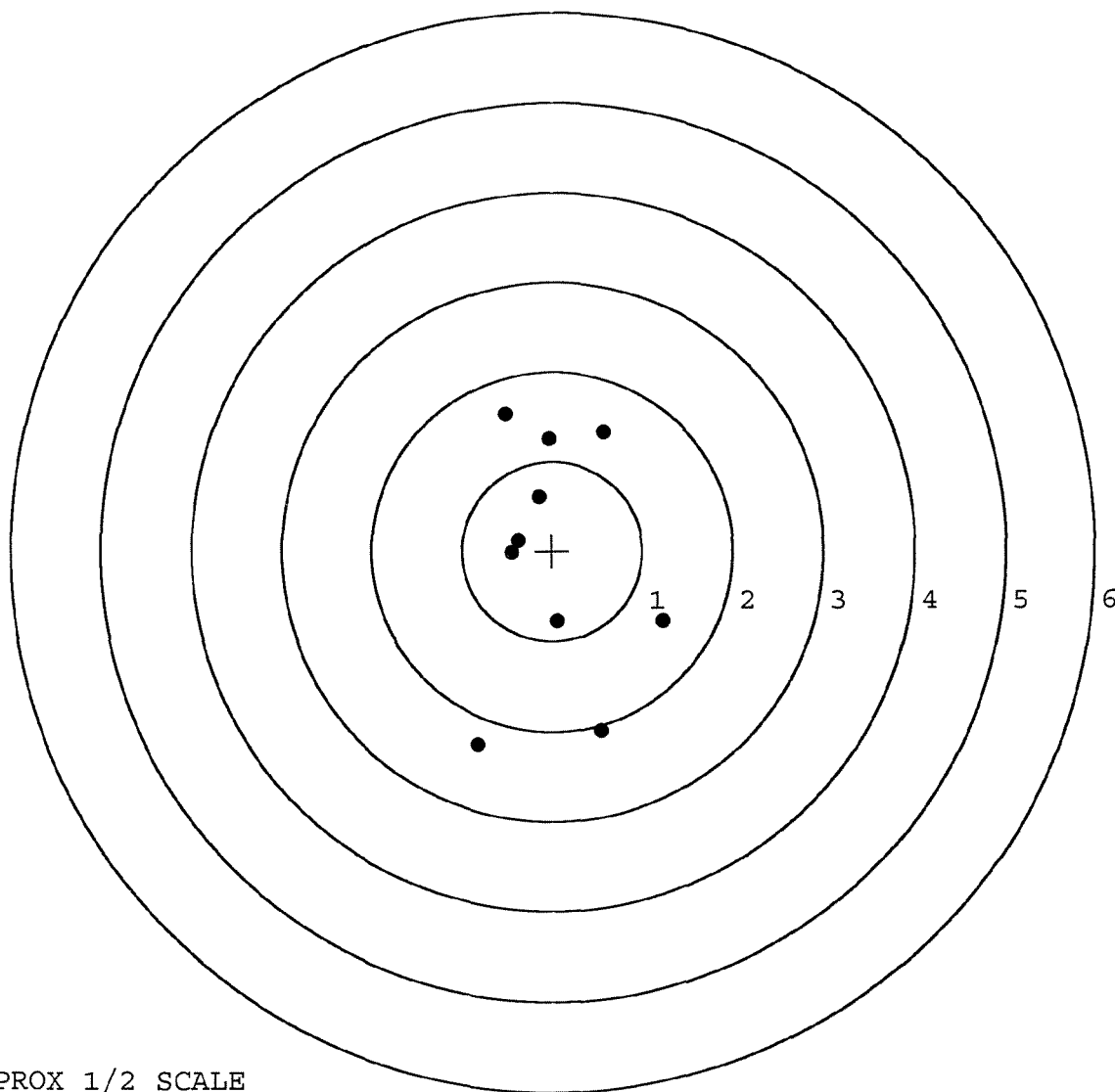
MAX RADIUS: 2.221

MEAN RADIUS: 1.250

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

Remington® **DUPONT**
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.

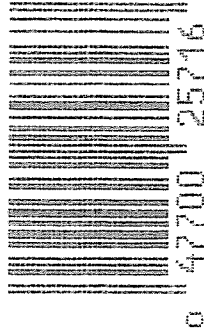
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm

SERIAL NO.
 C6594514

ORDER NO.
 5716



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594514

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/29/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/30/91	WLB
	G) Safety Off Force	2	2	2			1/30/91	WLB
	H) Trigger Pull Test & Retainability						1/24/91	JH
	I) Firing Pin Indent	.022	.022	.022			1/30/91	WLB
	J) Assemble Stock						1/30/91	RW
	K) Assemble Swivel Studs						2-6-91	DH
	L) Attach Front and Rear Sight Assemblies						1/30/91	RW
	M) Iron Sight Alignment						1/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/30/91	RW
	O) Attach Scope to Rifle						1/30/91	RW
	P) Detach & Attach Scope 20 Times						1/30/91	RW
640	Gallery Target & Test						1/30/91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						1/30/91	NF
655	Final Inspection							
	A) Headspace						2-5-91	DH
	B) Trigger Pull	2.53	2.45	2.43	2.39	2.41	2-4-91	JH
	C) Function						2-5-91	DH
660	Pack						1-29-91	JH

3/13/91 WLB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594514

DATE 1-29-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.43	2.18	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.44	2.30	2.45	
PULL #3	2.44	2.36	2.25	2.43	
PULL #4	2.27	2.44	2.12	2.39	
PULL #5	2.34	2.36	2.21	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.27		
PULL #2	3.44	3.46		
PULL #3	3.50	3.34		
PULL #4	3.49	3.26		
PULL #5	3.38	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.29		4.32
PULL #2	4.27	4.24		4.27
PULL #3	4.17	4.21		4.28
PULL #4	4.20	4.22		4.32
PULL #5	4.25	4.20		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594514
31 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.210488
1 TO	2	.342006
1 TO	3	.156083
1 TO	4	.307729
1 TO	5	.327771

 ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .03
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .122
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .125634
THE AMR FOR THIS RIFLE IS: .9216

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594514

CENTERFIRE PATTERNS

1

POB

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 1.702

VS = 2.511

CS = 2.512

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.165

1.114

.547

MINIMUM X

:

-.537

-.588

-.449

MAXIMUM Y

:

1.556

1.186

1.246

MINIMUM Y

:

-.955

-.783

-.723

CENTROID X

:

-.183

-.132

-.271

CENTROID Y

:

.184

-.068

-.128

POB TO CENTROID in.

:

.210

.148

.299

MIN RADIUS

:

.229

.319

.198

MEAN RADIUS

:

.796

.683

.578

MAX RADIUS

:

1.622

1.210

1.246

HORIZONTAL SPREAD

:

1.702

1.702

.996

VERTICAL SPREAD

:

2.511

1.969

1.969

EXTREME SPREAD

:

2.512

2.115

2.024

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

9

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594514

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.574

VS = 1.937

GS = 2.635

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.123

.961

.669

MINIMUM X

-1.451

-.859

-.739

MAXIMUM Y

.777

.791

.736

MINIMUM Y

-1.160

-1.146

-1.201

CENTROID X

.159

.321

.200

CENTROID Y

.106

.092

.147

POA TO CENTROID in.

.191

.334

.248

MIN RADIUS

.031

.098

.042

MEAN RADIUS

.814

.721

.675

MAX RADIUS

1.456

1.167

1.201

HORIZONTAL SPREAD

2.574

1.820

1.408

VERTICAL SPREAD

1.937

1.937

1.937

EXTREME SPREAD

2.635

2.193

2.063

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

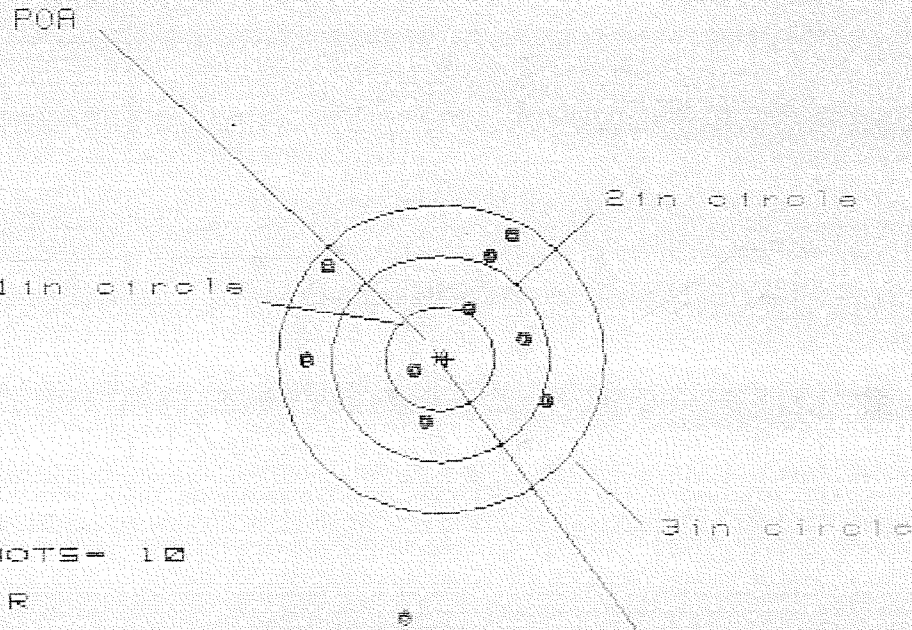
NUMBER IN THREE INCH CIRCLE =

10

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594514

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.247

VS= 3.710

GS= 3.846

CENTROID *

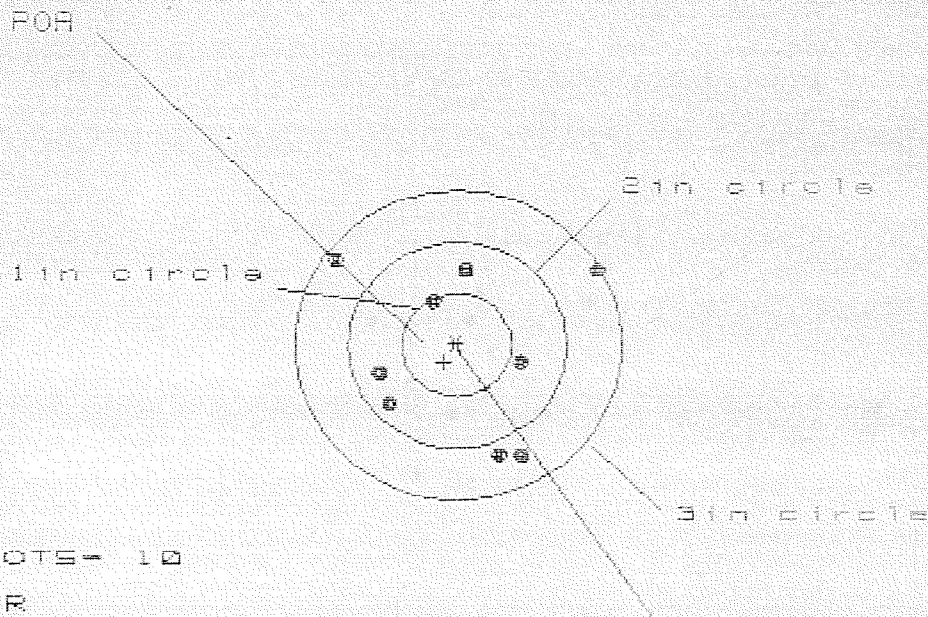
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.966	.827
MINIMUM X	:	-1.240	-1.281	-1.420
MAXIMUM Y	:	1.178	.897	.968
MINIMUM Y	:	-2.532	-.875	-.804
CENTROID X	:	-.064	-.023	.116
CENTROID Y	:	.003	.284	.213
POA TO CENTROID in.	:	.064	.285	.243
MIN RADIUS	:	.279	.277	.263
MEAN RADIUS	:	1.090	.894	.830
MAX RADIUS	:	2.558	1.323	1.443
HORIZONTAL SPREAD	:	2.247	2.247	2.247
VERTICAL SPREAD	:	3.710	1.772	1.772
EXTREME SPREAD	:	3.846	2.443	2.279
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	9		

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08534514

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.343

VS= 1.950

GS= 2.594

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.252	.758	.639
MINIMUM X	-1.091	-.952	-.685
MAXIMUM Y	.855	.934	.948
MINIMUM Y	-1.095	-1.016	-.900
CENTROID X	.118	-.021	.098
CENTROID Y	.168	.089	-.027
POA TO CENTROID in.	.205	.092	.101
MIN RADIUS	.488	.525	.568
MEAN RADIUS	.917	.858	.793
MAX RADIUS	1.439	1.333	1.104
HORIZONTAL SPREAD	2.343	1.710	1.324
VERTICAL SPREAD	1.950	1.950	1.840
EXTREME SPREAD	2.594	2.594	1.909
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

01 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594514

CENTERFIRE PATTERNS

5

POA

11n circle

21n circle

31n circle

OF SHOTS= 10

IN CIR

11n = 2

21n = 5

31n = 8

HS= 2.951

VS= 2.368

GS= 2.997

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.264	1.076	1.113
MINIMUM X	-1.687	-1.010	-.875
MAXIMUM Y	1.046	1.104	.753
MINIMUM Y	-1.322	-1.264	-1.126
CENTROID X	.120	.308	.173
CENTROID Y	.229	.171	.033
POA TO CENTROID in.	.259	.352	.176
MIN RADIUS	.242	.049	.233
MEAN RADIUS	.991	.883	.812
MAX RADIUS	1.767	1.542	1.318
HORIZONTAL SPREAD	2.951	2.086	1.988
VERTICAL SPREAD	2.368	2.368	1.879
EXTREME SPREAD	2.997	2.831	2.357
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	