

C6587733

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

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: RE00136245

Serial: C6587733 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/2/2007 10:15:08 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221

PO Box:

5749 BRIAR HILL RD BLDG 221

PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

11/2/2007

1:13 PM

CAPS

NUM

INS

SCRL

start

2 Mi...

5 Int...

4 Mi...

Part S...

longo...

Arms ...

1:13 PM

Serial Number: C6587733

Model: M24 SWS



RE00136245

136245

CL 587733

11-2-07

MAGNA - FLUX

JUL 25 2008

OPERATOR *BA*

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587733.__0
FILE DATE AND TIME: 08/27/2008 05:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	-0.122
The Average Point of Impact of the Five Target Set:	0.152
The Average Mean Radius of the Five Target Set:	0.684
The Distance from POA to Centroid Target #1:	0.337
The Distance from Centroid Target #2 to Centroid Target #1:	0.374
The Distance from Centroid Target #3 to Centroid Target #1:	0.207
The Distance from Centroid Target #4 to Centroid Target #1:	0.187
The Distance from Centroid Target #5 to Centroid Target #1:	0.254

SERIAL NUMBER: C6587733. 0

TARGET NUMBER: 1

FILE DATE: 08/27/2008

FILE TIME: 05:28

X CENTROID: -0.223

Y CENTROID: -0.252

POA TO CENTROID: 0.337

HORZ SPREAD: 1.734

VERT SPREAD: 1.931

GROUP SPREAD: 2.323

MIN RADIUS: 0.212

MAX RADIUS: 1.228

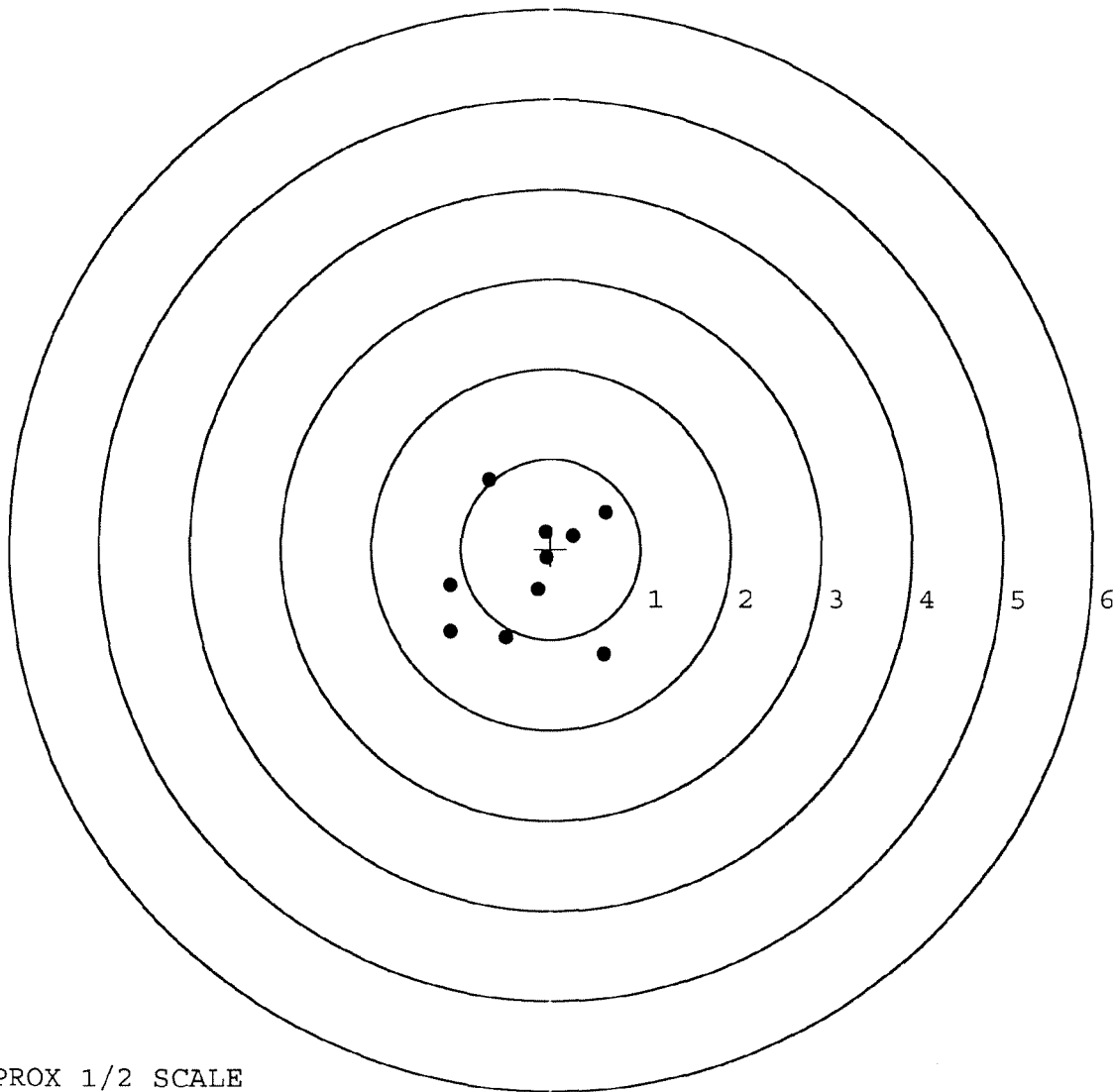
MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.598	-1.164
2:	-0.504	-0.982
3:	-1.126	-0.925
4:	-1.122	-0.409
5:	-0.142	-0.447
6:	0.608	0.408
7:	0.253	0.144
8:	-0.057	0.187
9:	-0.049	-0.096
10:	-0.693	0.767



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587733. __0

TARGET NUMBER: 2

FILE DATE: 08/27/2008

FILE TIME: 05:28

X CENTROID: 0.059

Y CENTROID: -0.007

POA TO CENTROID: 0.060

HORZ SPREAD: 2.522

VERT SPREAD: 2.620

GROUP SPREAD: 3.073

MIN RADIUS: 0.059

MAX RADIUS: 1.867

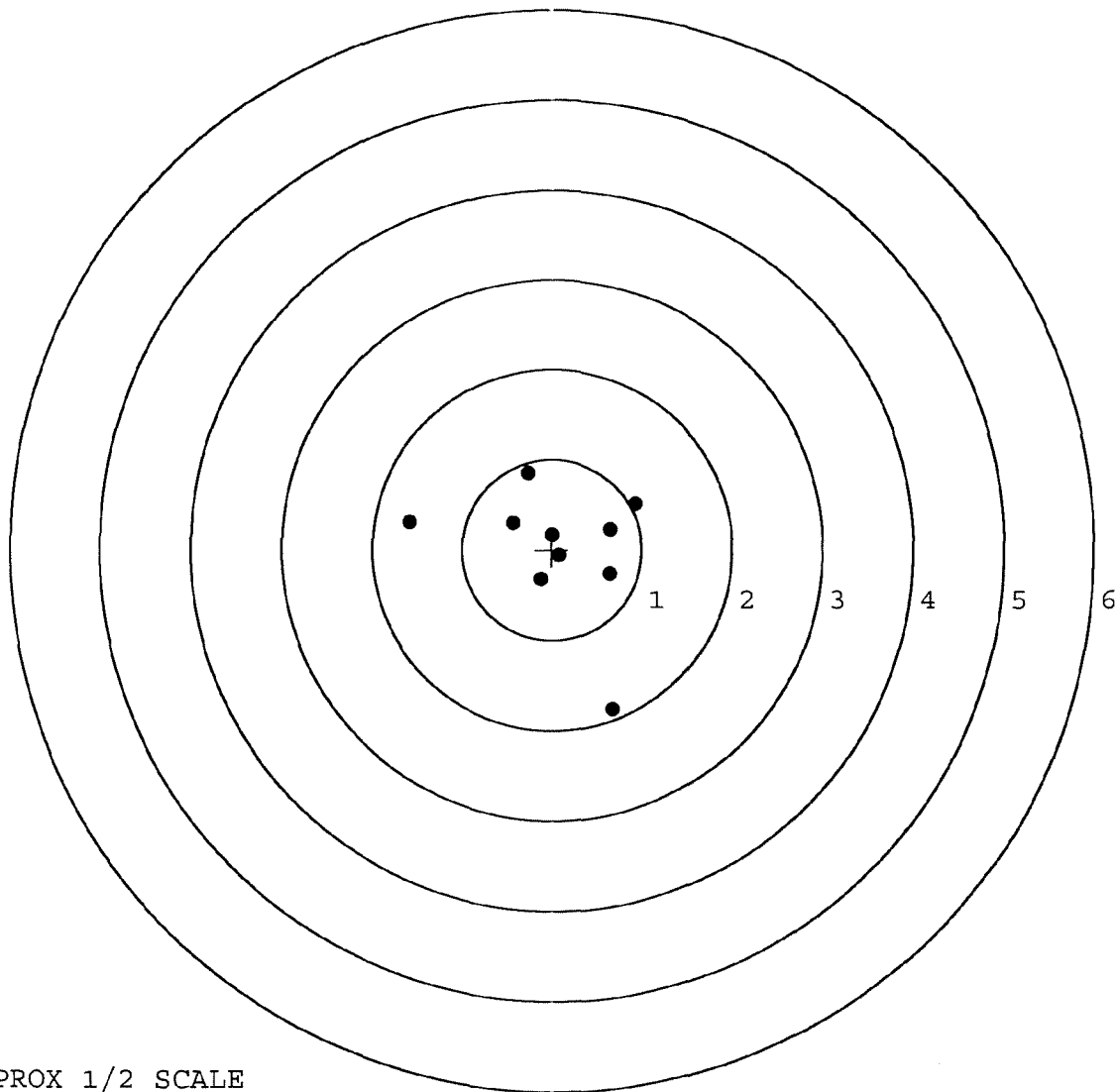
MEAN RADIUS: 0.794

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.678	-1.768
2:	0.647	-0.261
3:	0.653	0.227
4:	0.932	0.507
5:	0.010	0.163
6:	0.083	-0.060
7:	-0.122	-0.331
8:	-0.437	0.300
9:	-0.262	0.852
10:	-1.590	0.306



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587733. __0

TARGET NUMBER: 3

FILE DATE: 08/27/2008

FILE TIME: 05:28

X CENTROID: -0.017

Y CENTROID: -0.239

POA TO CENTROID: 0.240

HORZ SPREAD: 1.640

VERT SPREAD: 2.347

GROUP SPREAD: 2.365

MIN RADIUS: 0.291

MAX RADIUS: 1.336

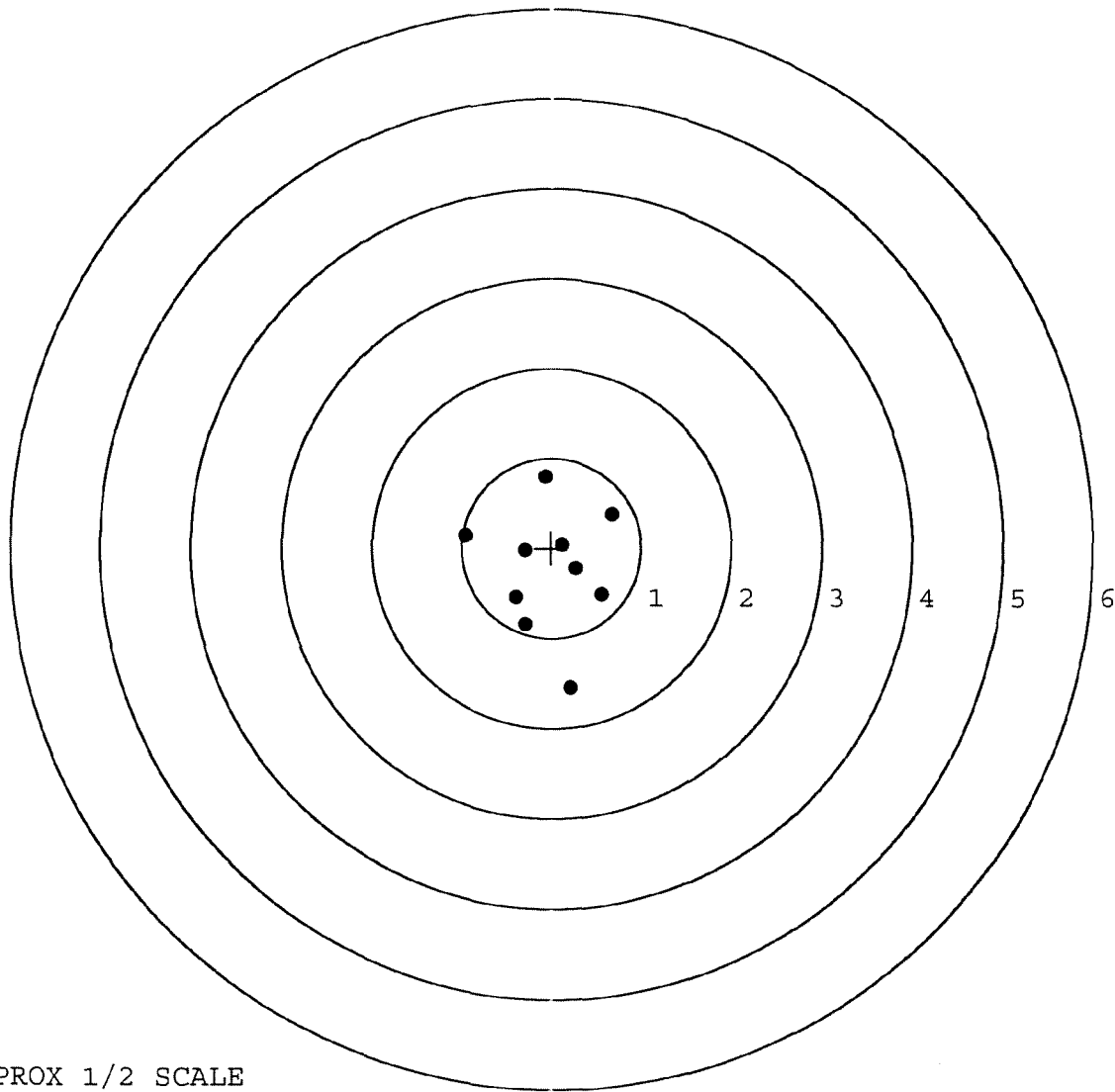
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.565	-0.519
2:	0.274	-0.229
3:	0.674	0.374
4:	0.126	0.036
5:	-0.295	-0.851
6:	-0.396	-0.547
7:	-0.294	-0.031
8:	-0.966	0.136
9:	-0.073	0.792
10:	0.217	-1.555



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587733. __0

TARGET NUMBER: 4

FILE DATE: 08/27/2008

FILE TIME: 05:28

X CENTROID: -0.104

Y CENTROID: -0.108

POA TO CENTROID: 0.150

HORZ SPREAD: 1.762

VERT SPREAD: 1.131

GROUP SPREAD: 1.743

MIN RADIUS: 0.114

MAX RADIUS: 0.985

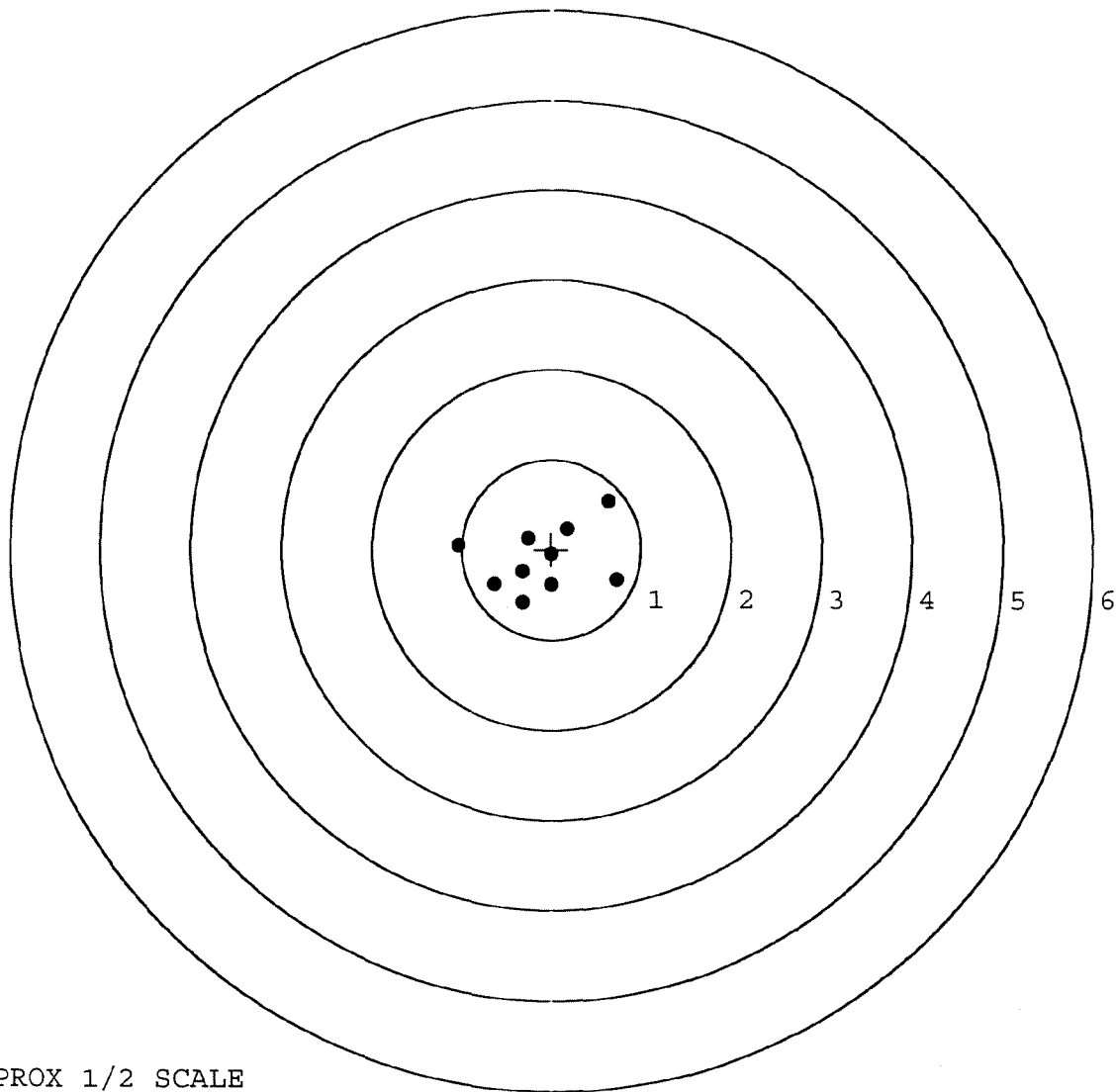
MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.727	-0.337
2:	0.636	0.542
3:	0.179	0.230
4:	-1.035	0.046
5:	-0.262	0.124
6:	-0.003	-0.055
7:	0.000	-0.400
8:	-0.326	-0.247
9:	-0.324	-0.589
10:	-0.635	-0.393



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587733. __0

TARGET NUMBER: 5

FILE DATE: 08/27/2008

FILE TIME: 05:28

X CENTROID: -0.167

Y CENTROID: -0.004

POA TO CENTROID: 0.167

HORZ SPREAD: 1.702

VERT SPREAD: 1.412

GROUP SPREAD: 2.155

MIN RADIUS: 0.250

MAX RADIUS: 1.216

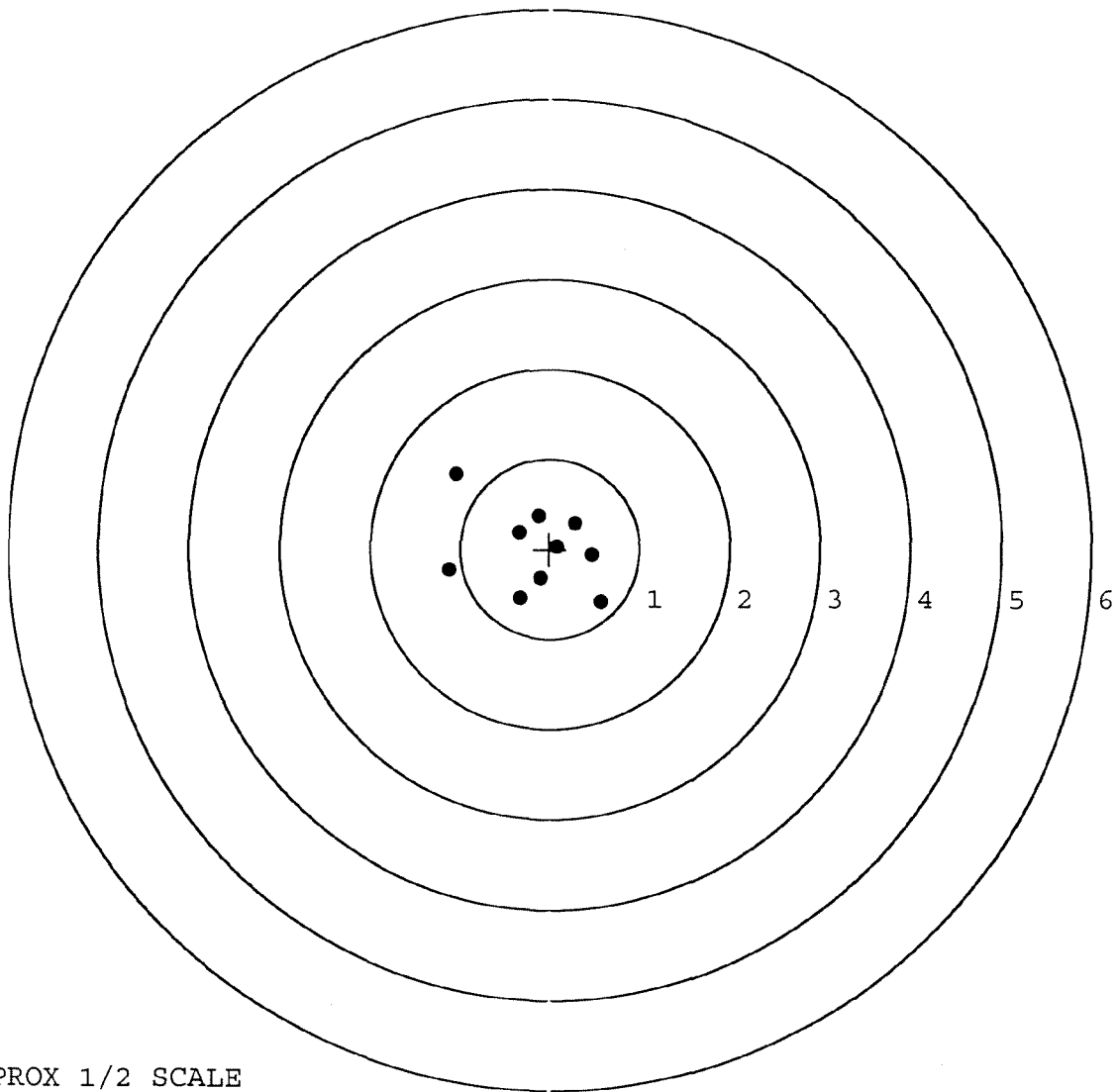
MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.576	-0.582
2:	0.478	-0.064
3:	0.282	0.291
4:	0.080	0.032
5:	-0.105	-0.321
6:	-0.331	-0.548
7:	-0.343	0.184
8:	-0.132	0.371
9:	-1.126	-0.236
10:	-1.052	0.830



TARGET APPROX 1/2 SCALE

Remington		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6587733	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.			



5716 C6587733



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18146

INITIAL CUSTOMER ORDER NO.
FDC DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

90-0868

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6587733	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
ACCESSORIES SLING STRAP		HARD CASE		SCOPE MNTS		SCOPE BASE

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 CJO.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
			FRT		
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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	COMMENTS
x Stock	376.89
Trigger Assy	173.71
SCOPE Rep	119.43
Clean/Prep	50.00
	720.03
REPAIRMAN PROOF CLEAN TEST TARGET PATTERN	
GALLERY TESTER DATE DATE DATE DATE DATE DATE	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 002609826097

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

SERIAL NO. C6587733DATE 9-18-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.60	2.46	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.40	2.57	
PULL #3	2.41	2.49	2.55	
PULL #4	2.42	2.35	2.78	
PULL #5	2.40	2.51	2.54	
TOTAL	12.14	12.21	12.98	
AVG.	2.42	2.44	2.59	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.20	3.32	
PULL #2	3.24	3.33	
PULL #3	3.25	3.32	
PULL #4	3.20	3.22	
PULL #5	3.30	3.36	
TOTAL	16.19	16.55	
AVG.	3.23	3.31	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.42	4.15	
PULL #2	4.26	4.10	4.06	
PULL #3	4.39	4.37	4.02	
PULL #4	4.30	4.28	4.13	
PULL #5	4.31	4.30	4.00	
TOTAL	21.56	21.47	20.36	
AVG.	4.31	4.29	4.07	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C-6587733

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
625 cont.	F) Safety On Force	4.5	4.5	4.5			12-29-95	OK
	G) Safety Off Force	2.5	2.5	2.5			12-29-95	OK
	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	2.71	2.69	2.93	2.56	2.73	12-29-95	OK
	C) Function							
660	Pack							

GUN SERIAL # C6587733

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023 90		RW
600	Proof	1023 90		RW
607	Check Headspace	1023 90		RW
610	Dis-assemble Gun	1023 90		RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		10/24/90	FB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	OFF. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			11/21/90	WB
	G) Safety Off Force	2	2	2			11/21/90	WB
	H) Trigger Pull Test & Retainability						11/20/90	WB
	I) Firing Pin Indent	.021	.022	.022			11/21/90	WB
	J) Assemble Stock						12/1/90	RW
	K) Assemble Swivel Studs						12-7-90	QBS
	L) Attach Front and Rear Sight Assemblies						12/1/90	RW
	M) Iron Sight Alignment						12/1/90	RW
	N) Detach Front & Rear Sights & place in numbered container						12/1/90	RW
	O) Attach Scope to Rifle						12/1/90	RW
	P) Detach & Attach Scope 20 Times						12/1/90	RW
640	Gallery Target & Test						12/1/90	RP
	A) Time						"	KS
	B) Malfunctions						"	KS
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						12/1/90	DL
655	Final Inspection							
	A) Headspace						12-7-90	QBS
	B) Trigger Pull	274	271	278	279	282	12-7-90	QBS
	C) Function						12-7-90	QBS
660	Pack						12-7-90	D/H

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

SERIAL NO. C6587733DATE 10/20/90TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.45	2.51	2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.32	2.50	2.71	
PULL #3	2.52	2.52	2.30	2.98	
PULL #4	2.53	2.50	2.52	2.74	
PULL #5	2.41	2.44	2.49	2.82	
TOTAL	1236	1225	1232		
AVG.	2.47	2.45	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.06		
PULL #2	3.35	3.15		
PULL #3	3.28	3.16		
PULL #4	3.09	3.03		
PULL #5	3.26	3.10		
TOTAL	16.15	15.50		
AVG.	3.23	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.00		4.09
PULL #2	4.06	4.03		4.11
PULL #3	4.12	4.00		4.13
PULL #4	4.12	3.99		4.20
PULL #5	4.02	4.02		4.11
TOTAL	20.39	20.04		20.64
AVG.	4.08	4.01		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587733
1 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.233985
1 TO	2	.0711758
1 TO	3	.580628
1 TO	4	.0930054
1 TO	5	.431028

3 1/2 <----POA
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0898
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1372
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163975

THE AMR FOR THIS RIFLE IS: .8084

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587733

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.0889

VS= 1.901

GS= 2.532

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.760	.612	.519
MINIMUM X	-1.329	-.746	-.839
MAXIMUM Y	1.031	1.119	.720
MINIMUM Y	-.870	-.782	-.642
CENTROID X	.230	.378	.471
CENTROID Y	-.043	-.131	-.271
POA TO CENTROID in.	.234	.400	.543
MIN RADIUS	.323	.267	.174
MEAN RADIUS	.824	.705	.604
MAX RADIUS	1.547	1.344	.907
HORIZONTAL SPREAD	2.089	1.358	1.358
VERTICAL SPREAD	1.901	1.901	1.362
EXTREME SPREAD	2.532	2.192	1.726
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587733

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 1.944

VS = 1.287

GS = 2.006

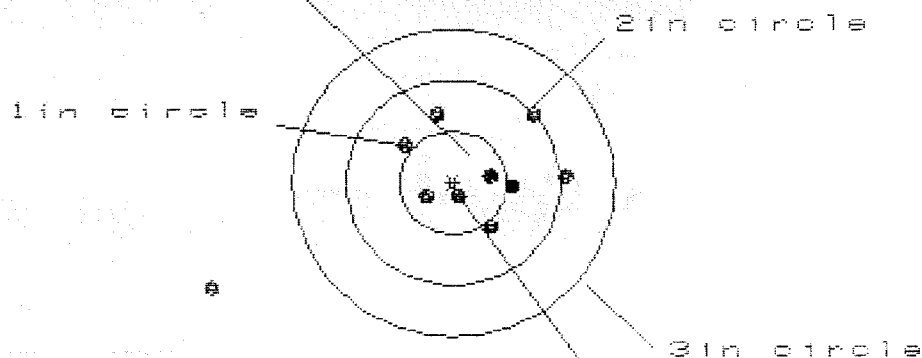
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.899	.994	.875
MINIMUM X	:	-1.044	-.950	-.798
MAXIMUM Y	:	.645	.564	.571
MINIMUM Y	:	-.642	-.570	-.563
CENTROID X	:	.235	.141	.260
CENTROID Y	:	-.114	-.186	-.193
POA TO CENTROID in.	:	.262	.233	.324
MIN RADIUS	:	.106	.125	.024
MEAN RADIUS	:	.650	.601	.533
MAX RADIUS	:	1.068	1.057	.944
HORIZONTAL SPREAD	:	1.944	1.944	1.673
VERTICAL SPREAD	:	1.287	1.134	1.134
EXTREME SPREAD	:	2.006	1.989	1.801
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587733

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 3.321

VS= 1.771

GS= 3.522

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.072
MINIMUM X	-2.249
MAXIMUM Y	.697
MINIMUM Y	-1.074
CENTROID X	-.350
CENTROID Y	-.070
POA TO CENTROID in.	.357
MIN RADIUS	.135
MEAN RADIUS	.768
MAX RADIUS	2.492
HORIZONTAL SPREAD	3.321
VERTICAL SPREAD	1.771
EXTREME SPREAD	3.522
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	9

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587733

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.240

VS= 2.038

GS= 2.815

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.264	1.189	1.171
MINIMUM X	:	-.976	-1.051	-.902
MAXIMUM Y	:	1.376	.289	.226
MINIMUM Y	:	-.662	-.509	-.338
CENTROID X	:	.155	.230	.081
CENTROID Y	:	.012	-.141	-.078
POR TO CENTROID in.	:	.155	.270	.112
MIN RADIUS	:	.256	.240	.343
MEAN RADIUS	:	.901	.816	.742
MAX RADIUS	:	1.534	1.293	1.192
HORIZONTAL SPREAD	:	2.240	2.240	2.073
VERTICAL SPREAD	:	2.038	.798	.564
EXTREME SPREAD	:	2.815	2.302	2.090
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587733

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.677

VS= 3.355

GS= 3.594

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.864	.817	.631
MINIMUM X	-.813	-.860	-.758
MAXIMUM Y	.875	.600	.461
MINIMUM Y	-2.480	-1.089	-1.014
CENTROID X	.179	.226	.124
CENTROID Y	-.471	-.196	-.271
POA TO CENTROID in.	.504	.299	.298
MIN RADIUS	.076	.207	.157
MEAN RADIUS	.899	.669	.632
MAX RADIUS	2.516	1.244	1.131
HORIZONTAL SPREAD	1.677	1.677	1.389
VERTICAL SPREAD	3.355	1.689	1.475
EXTREME SPREAD	3.594	2.206	1.750
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	