

C6611383

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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: RE00145189

Serial: C6611383 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Verify Repair

Status:

Closed 5/6/2008 9:21:12 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: 2D BN 5TH MARINES

2D BN 5TH MARINES

Address 1:

Address 2:

PO Box:

PO Box:

City: CAMP PENDLETON

CAMP PENDLETON

State: CA

Zip Code: 92055

Country: US

State: CA

Zip Code: 92055

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/7/2008

2:24 PM

CAPS

NUM

INS

SCRL

start

9 M..

sch...

3 M..

Arm...

Malf...

Part...

CO...

2:24 PM

Serial
Number:

C6611383

Model: M24 SWS



RE00145189

Reset

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

R & E NUMBER	145189		
SERIAL NUMBER	C6611383		
LOG-IN DATE	5-6-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-13-08	RTZ
505	RE-BARREL	5-14-08	RTZ
420	ASSEMBLE	5-14-08	RTZ
440	PROOF	5-14-08	TRW
460	CHECK HEADSPACE	5-14-08	TRW
470	DIS-ASSEMBLE GUN	5-14-08	RTZ
480	MAGNAFLUX	5-23-08	TRW
510	DRILL AND TAP	5-18-08	TRW
500	ROLLMARK CALIBER	5-19-08	CW
520	GOFF BLAST BBL / REC	5-27-08	DC
530 & 540	APPLY COATINGS	5-31-08	CW
560	FINAL ASSEMBLY	6-2-08	RTZ
640	FUNCTION TEST AND	7-22-08	TRW
650	TARGET	7-22-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-22-08	MED
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	2.53 2.44 2.50 2.52 2.54	10/17/08 FM
680	F) SAFETY ON FORCE	3.5 3.5 3.5	10-17-08 L.N.
	G) SAFETY OFF FORCE	4.0 4.5 4.0	10-17-08 L.N.
	I) FIRING PIN INDENT	.021 .020 .020	10-17-08 L.N.
690	PACK		10/17/08 FM

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611383.___0
FILE DATE AND TIME: 07/22/2008 14:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.569
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.214
The Distance from Centroid Target #3 to Centroid Target #1:	0.064
The Distance from Centroid Target #4 to Centroid Target #1:	0.197
The Distance from Centroid Target #5 to Centroid Target #1:	0.208

SERIAL NUMBER: C6611383. __0

TARGET NUMBER: 1

FILE DATE: 07/22/2008

FILE TIME: 14:01

X CENTROID: -0.028

Y CENTROID: 0.076

POA TO CENTROID: 0.081

HORZ SPREAD: 1.061

VERT SPREAD: 2.813

GROUP SPREAD: 2.865

MIN RADIUS: 0.266

MAX RADIUS: 1.910

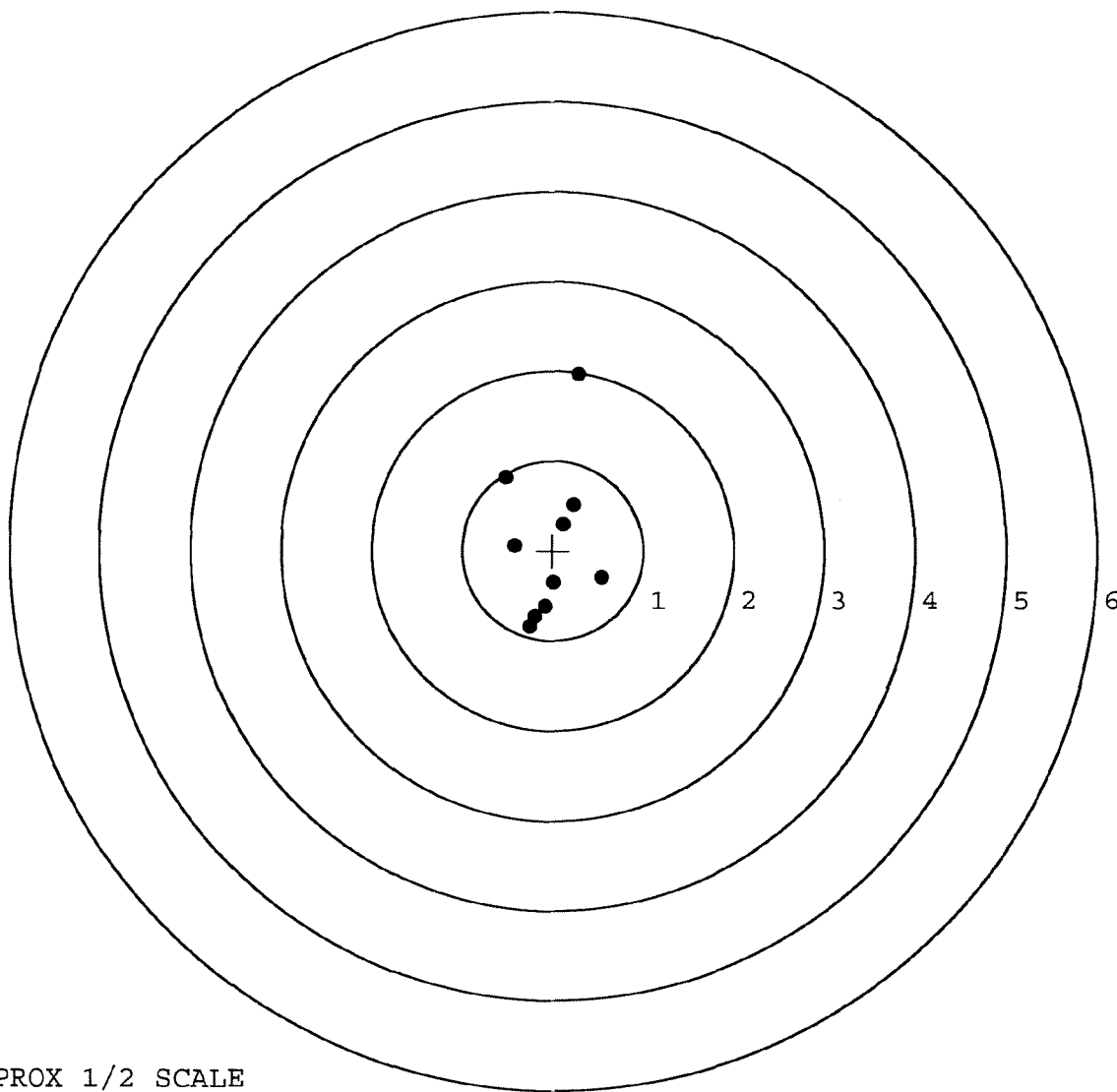
MEAN RADIUS: 0.758

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.542	-0.305
2:	0.011	-0.356
3:	-0.085	-0.622
4:	-0.257	-0.853
5:	-0.199	-0.740
6:	-0.422	0.055
7:	0.126	0.293
8:	0.234	0.513
9:	-0.519	0.814
10:	0.287	1.960

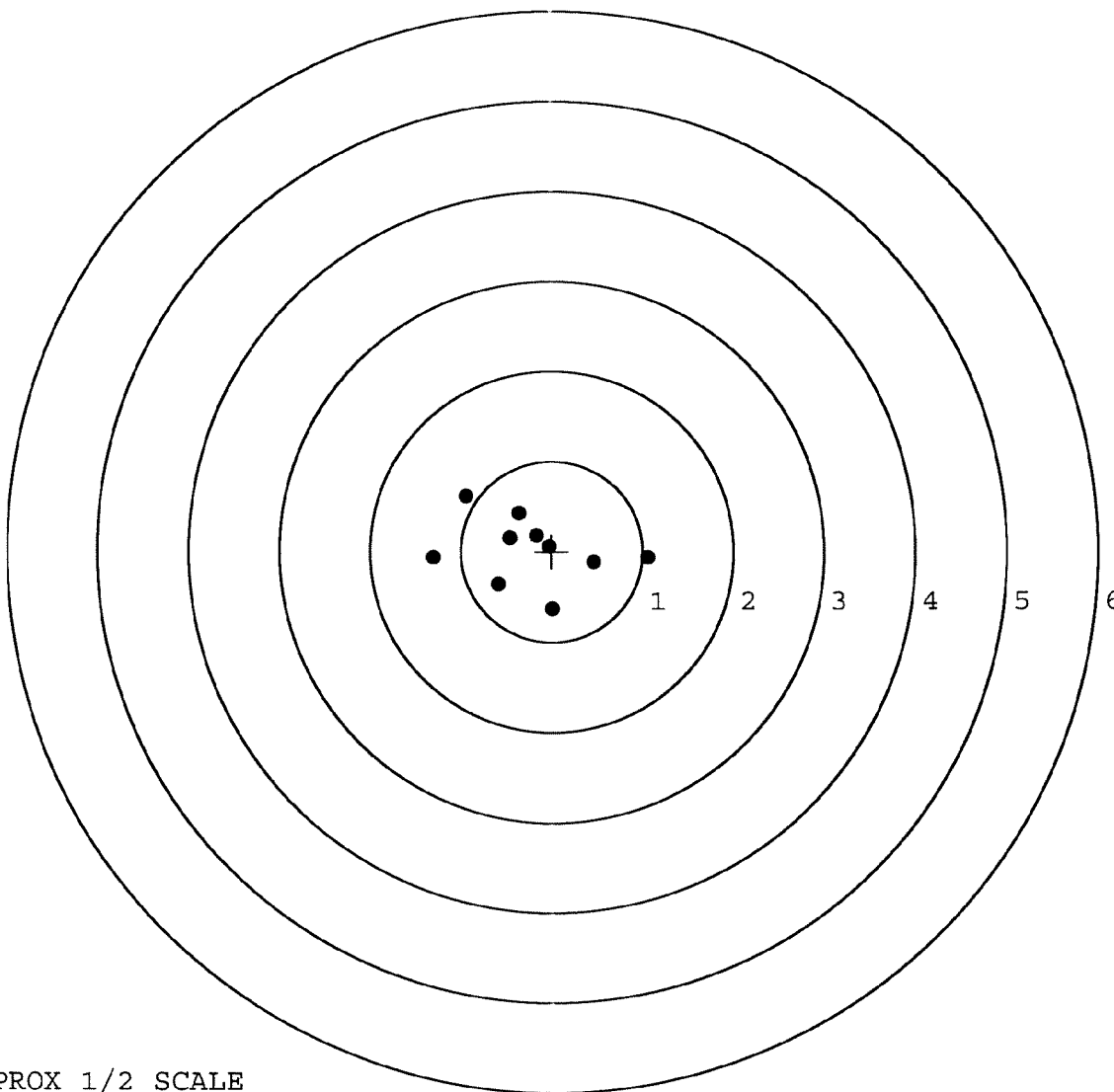


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. __0
 TARGET NUMBER: 2
 FILE DATE: 07/22/2008
 FILE TIME: 14:01

X CENTROID: -0.233
 Y CENTROID: 0.014
 POA TO CENTROID: 0.234
 HORZ SPREAD: 2.362
 VERT SPREAD: 1.251
 GROUP SPREAD: 2.362
 MIN RADIUS: 0.173
 MAX RADIUS: 1.294
 MEAN RADIUS: 0.631
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.058	-0.071
2:	0.466	-0.126
3:	0.013	-0.640
4:	-0.592	-0.369
5:	-1.304	-0.073
6:	-0.945	0.611
7:	-0.031	0.057
8:	-0.171	0.176
9:	-0.364	0.424
10:	-0.463	0.153



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. 0

TARGET NUMBER: 3

FILE DATE: 07/22/2008

FILE TIME: 14:01

X CENTROID: 0.034

Y CENTROID: 0.059

POA TO CENTROID: 0.068

HORZ SPREAD: 1.372

VERT SPREAD: 1.474

GROUP SPREAD: 1.437

MIN RADIUS: 0.069

MAX RADIUS: 0.799

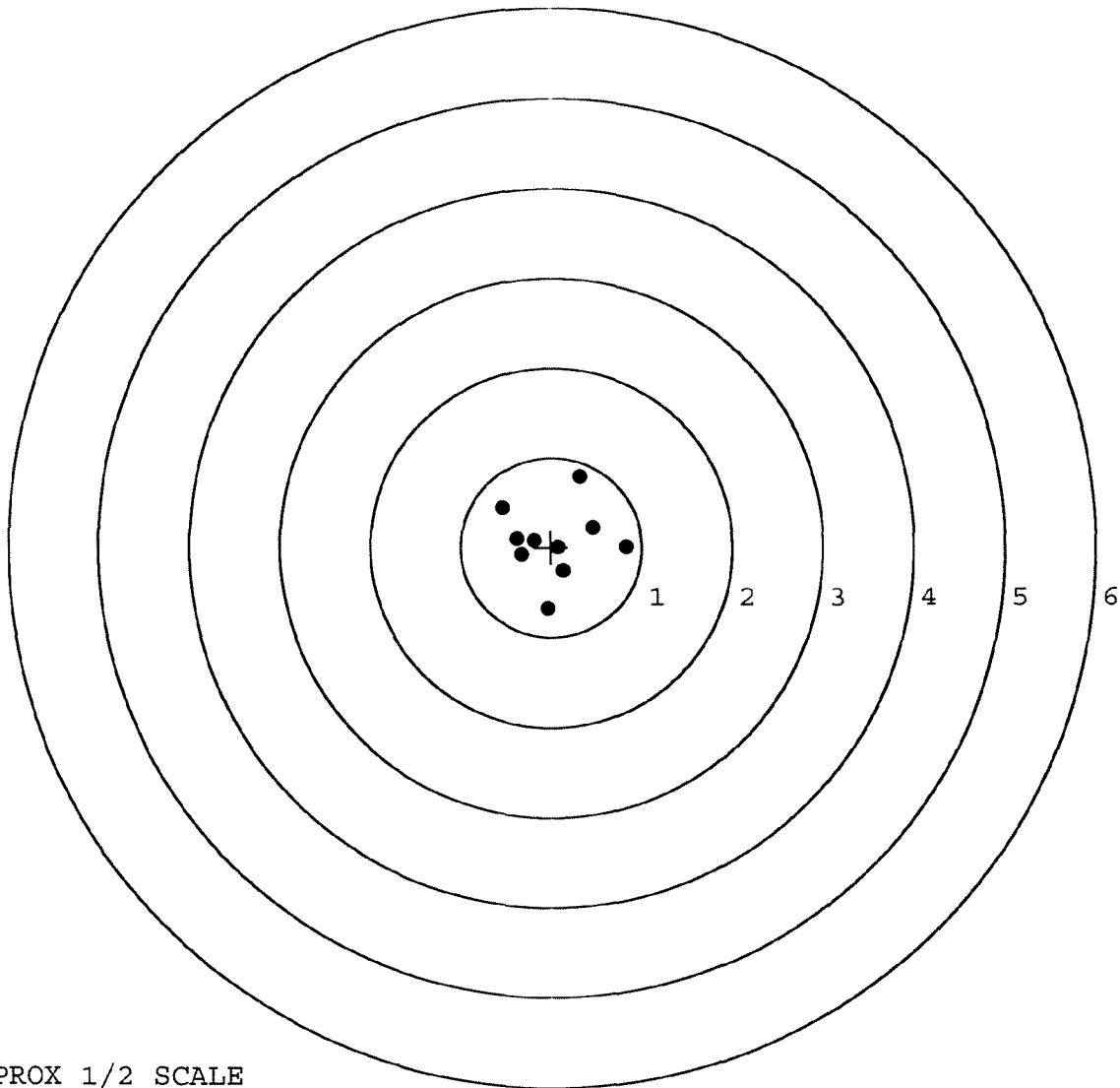
MEAN RADIUS: 0.490

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.831	0.009
2:	0.455	0.214
3:	0.320	0.787
4:	-0.045	-0.687
5:	-0.541	0.436
6:	0.136	-0.262
7:	0.076	0.004
8:	-0.188	0.076
9:	-0.379	0.094
10:	-0.328	-0.084



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. __0

TARGET NUMBER: 4

FILE DATE: 07/22/2008

FILE TIME: 14:01

X CENTROID: 0.071

Y CENTROID: -0.095

POA TO CENTROID: 0.118

HORZ SPREAD: 1.521

VERT SPREAD: 0.834

GROUP SPREAD: 1.593

MIN RADIUS: 0.259

MAX RADIUS: 0.810

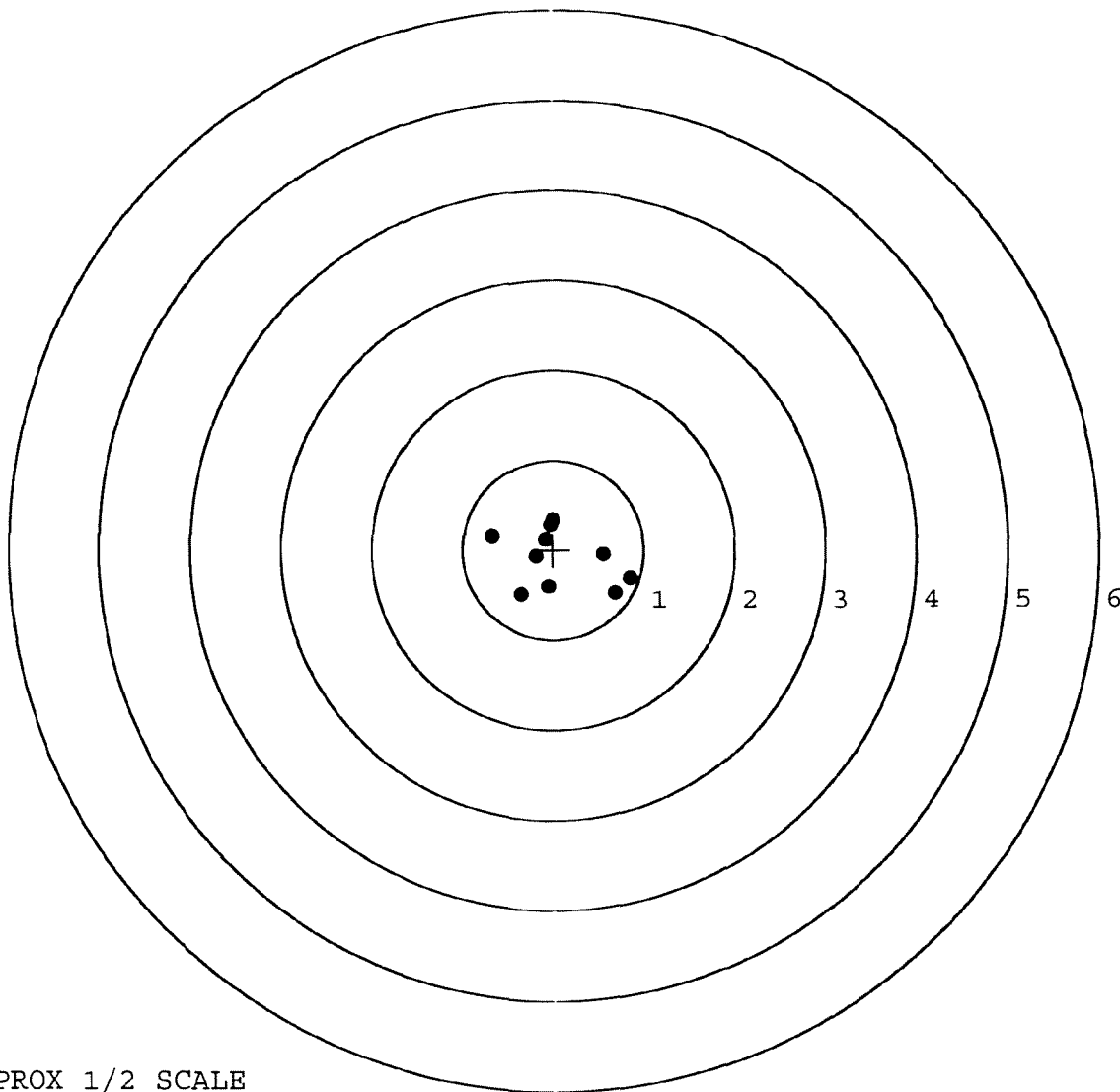
MEAN RADIUS: 0.509

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.684	-0.486
2:	0.851	-0.314
3:	0.559	-0.059
4:	0.000	0.336
5:	-0.083	0.124
6:	-0.670	0.159
7:	-0.187	-0.078
8:	-0.055	-0.410
9:	-0.360	-0.498
10:	-0.028	0.281



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. __0

TARGET NUMBER: 5

FILE DATE: 07/22/2008

FILE TIME: 14:01

X CENTROID: -0.167

Y CENTROID: -0.079

POA TO CENTROID: 0.185

HORZ SPREAD: 1.178

VERT SPREAD: 0.946

GROUP SPREAD: 1.376

MIN RADIUS: 0.244

MAX RADIUS: 0.770

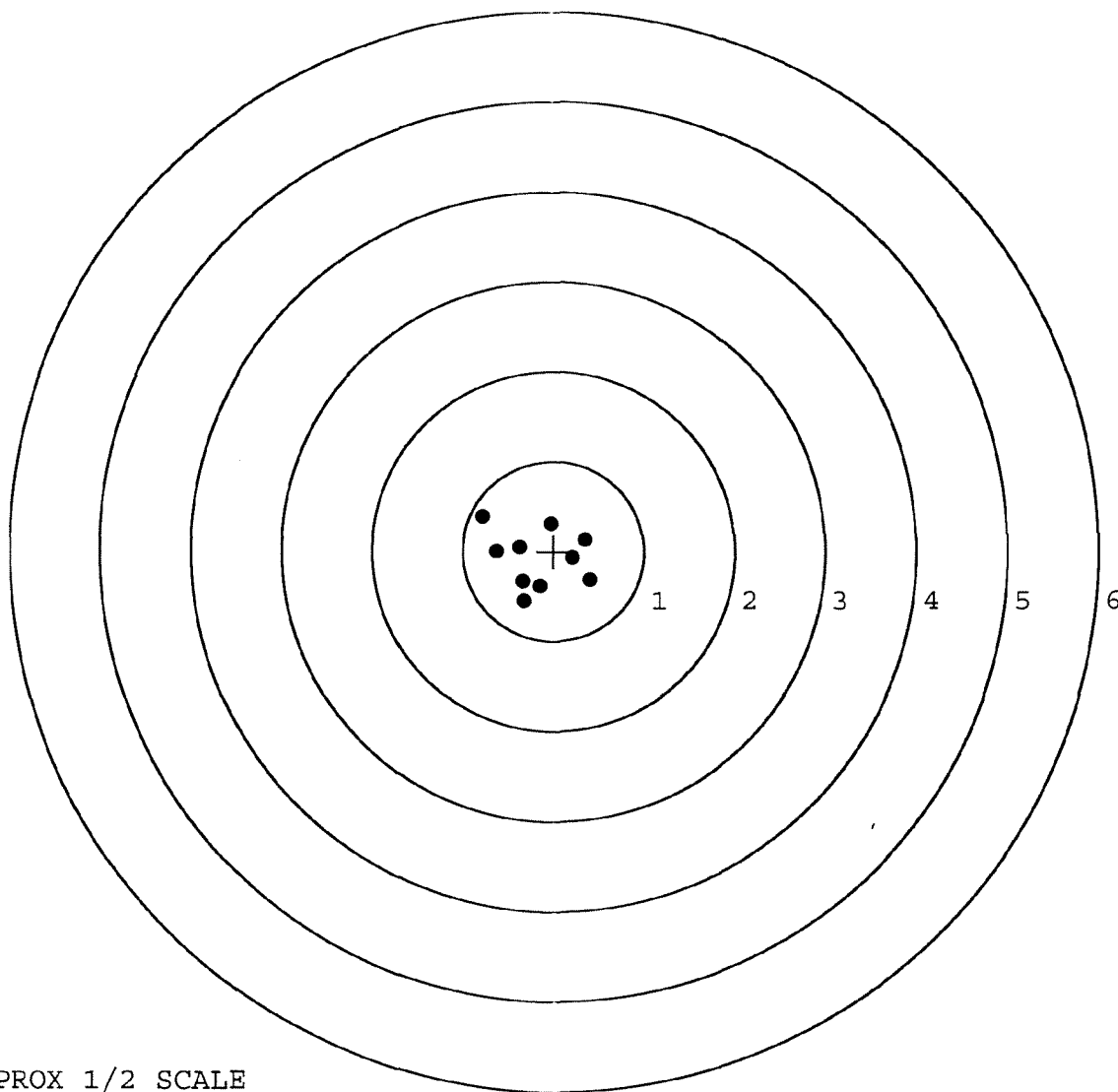
MEAN RADIUS: 0.457

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.400	-0.322
2:	0.207	-0.068
3:	0.347	0.128
4:	-0.026	0.312
5:	-0.327	-0.556
6:	-0.148	-0.388
7:	-0.342	-0.336
8:	-0.374	0.051
9:	-0.633	-0.004
10:	-0.778	0.390



TARGET APPROX 1/2 SCALE

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: **RE00093004** Serial: **C6611383** Model: **M24 SWS** Center Fire Caliber: **7.62 NATO** Produced: **03/18/99** Repairman: State: New 2/11/2005 7:13:44 AM

Verify Repair

Address Information

Customer: ☐ Received from: ☒ Return to: ☐ Received from: ☐

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1:

Address 2: PO Box: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FEL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A052	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

maglar 2/11/2005 8:14 AM CAPS NUM JINS SCRE

start 5 2 3 Arms Service

Serial Number: **C6611383**

Model: **M24 SWS**



RE00093004

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

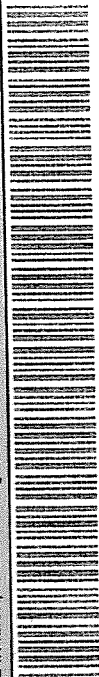
MODEL 700™ H24

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

SERIAL NO.
C6611383

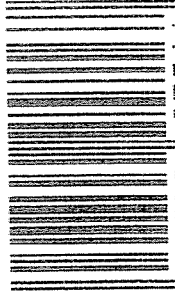
ORDER NO.
5716

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



5716 C6611383

UPC



0 47700 25716

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611383

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		25 91	RW
600	Proof		25 91	RW
607	Check Headspace		1 25 91	RW
610	Dis-assemble Gun	1 25 91		RW
612	Magnaflux Barrel Action	1 25 91		KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		DS
617	Drill and Tap Sight Holes	1 30 91		FB
618	Polish Barrel RWB	1 30 91		WB
620	Apply Coatings (Barrel Action)		2-10-91	TJ
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/91	JH

op. #	BARBER - M24 0075930 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/16/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/16/91	WLB
	H) Trigger Pull Test & Retainability						2/16/91	WLB
	I) Firing Pin Indent	.0205	.021	.021			2/16/91	WLB
	J) Assemble Stock						2/16/91	RW
	K) Assemble Swivel Studs						2-22-91	AC
	L) Attach Front and Rear Sight Assemblies						2/16/91	RW
	M) Iron Sight Alignment						2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	RW
	O) Attach Scope to Rifle						2/16/91	RW
	P) Detach & Attach Scope 20 Times						2/16/91	RW
640	Gallery Target & Test						2-18-91	DH
	A) Time						2-18-91	DH
	B) Malfunctions						2-18-91	DH
	C) Pierced Primers						2-18-91	DH
	D) Optical Clarity of Scope						2-18-91	DH
645	Inspect for Live Ammo						2-18-91	DH
655	Final Inspection						2-22-91	AC
	A) Headspace						2/21/91	WLB
	B) Trigger Pull	2.20	2.24	2.27	2.37	2.28	2-22-91	AC
	C) Function						2-22-91	AC
660	Pack						3-15-91	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611383DATE 2/16/91TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.45	2.33	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.51	2.48	2.24	
PULL #3	2.33	2.29	2.28	2.27	
PULL #4	2.27	2.24	2.28	2.37	
PULL #5	2.19	2.27	2.32	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.20		
PULL #2	3.14	3.19		
PULL #3	3.23	3.28		
PULL #4	3.16	3.30		
PULL #5	3.28	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.25		4.13
PULL #2	4.16	4.24		4.26
PULL #3	4.39	4.26		4.25
PULL #4	4.32	4.27		4.19
PULL #5	4.30	4.18		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611383
18 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.382284
1 TO	2	.44909
1 TO	3	.968754
1 TO	4	.518313
1 TO	5	.504071

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1. HORIZONTAL DISTANCE FOR THIS RIFLE IS: -.0356
2. VERTICAL DISTANCE FOR THIS RIFLE IS: -.0876
3. RADIUS FOR THIS RIFLE IS: .0945575
4. FOR THIS RIFLE IS: .0568

18 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6611383

CENTERFIRE PATTERNS # 1

POB

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 3

2 in - 8

3 in - 10

101 1.328

VBI 2.335

VBI 2.522

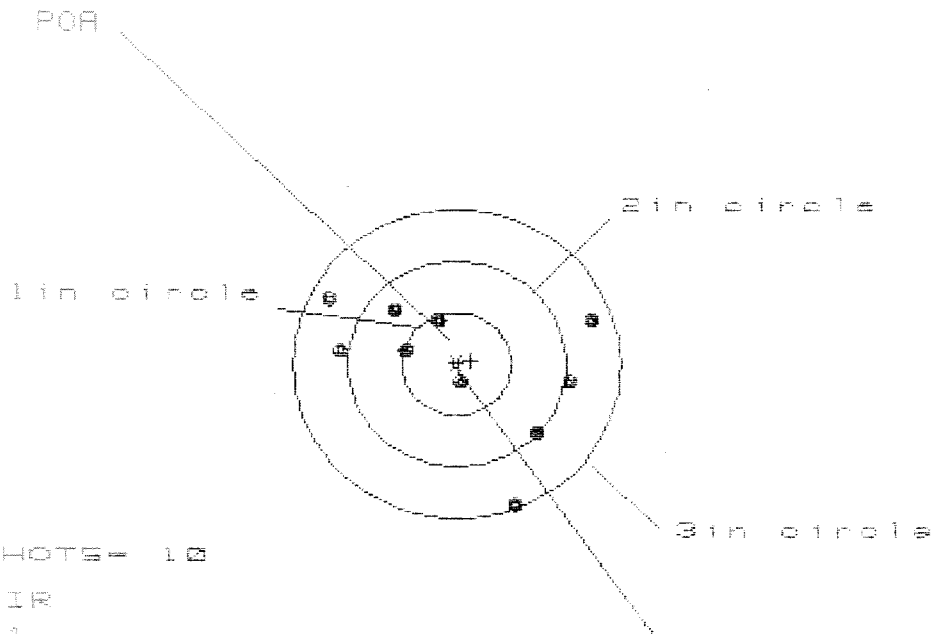
CENTROID #

PATTERN #		10	9	8
SHOTS (BEST OF)	:	10	9	8
MINIMUM X	:	.586	.610	.520
MINIMUM Y	:	-.742	-.718	-.645
MAXIMUM X	:	1.376	1.011	.910
MAXIMUM Y	:	-.959	-.806	-.686
CENTROID X	:	.050	.026	.116
CENTROID Y	:	.379	.226	.327
POB TO CENTROID IN.	:	.382	.227	.347
MIN RADIUS	:	.079	.099	.162
AVER RADIUS	:	.696	.588	.540
1ST RADIUS	:	1.392	1.000	.919
HORIZONTAL SPREAD	:	1.328	1.328	1.165
VERTICAL SPREAD	:	2.335	1.817	1.596
EXTREME SPREAD	:	2.522	2.075	1.640
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611383

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.328

VS= 1.968

GS= 2.549

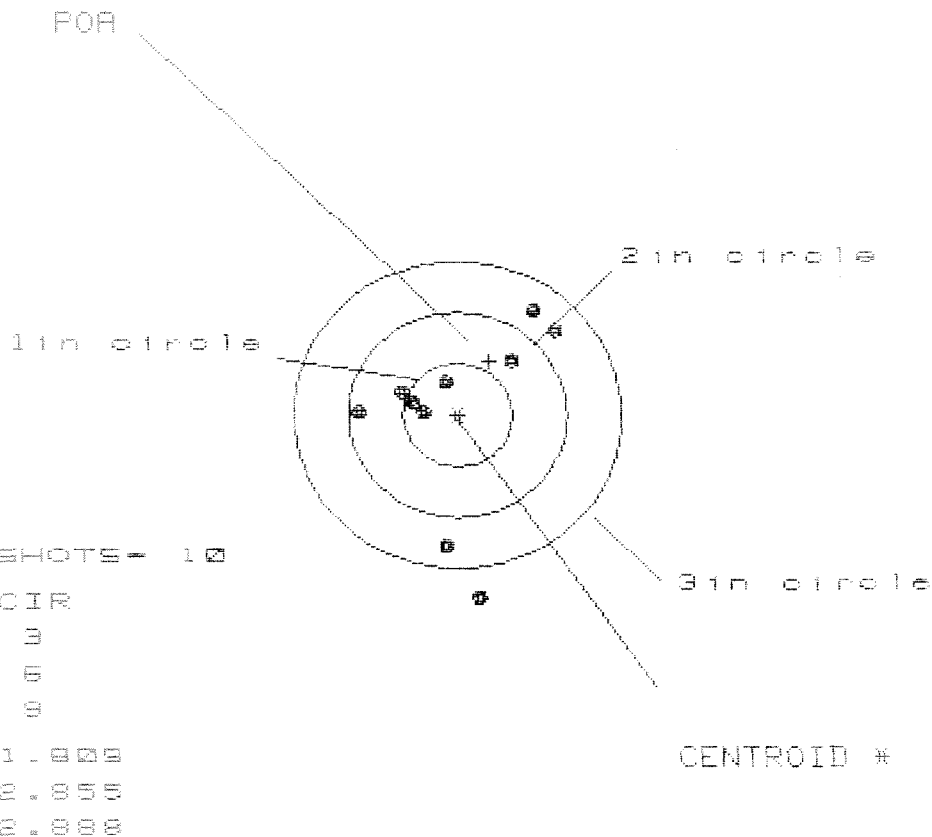
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.197	1.252	1.117
MINIMUM X	-1.131	-1.076	-1.102
MAXIMUM Y	.643	.496	.496
MINIMUM Y	-1.325	-.830	-.768
CENTROID X	-.131	-.186	-.051
CENTROID Y	-.032	.115	.053
POA TO CENTROID in.	.135	.218	.073
MIN RADIUS	.144	.380	.231
MEAN RADIUS	.981	.829	.793
MAX RADIUS	1.412	1.274	1.157
HORIZONTAL SPREAD	2.328	2.328	2.219
VERTICAL SPREAD	1.968	1.326	1.264
EXTREME SPREAD	2.549	2.342	2.235
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611383

CENTERFIRE PATTERNS # 3



PATTERN #	3	10	9	8
SHOTS (BEST OF)	3	10	9	8
MAXIMUM X	.921	.947	.941	
MINIMUM X	-.888	-.862	-.869	
MAXIMUM Y	1.061	.861	.675	
MINIMUM Y	-1.794	-1.493	-.405	
CENTROID X	-.293	-.319	-.313	
CENTROID Y	-.527	-.327	-.141	
POA TO CENTROID in.	.602	.457	.343	
MIN RADIUS	.298	.147	.118	
MEAN RADIUS	.893	.747	.650	
MAX RADIUS	1.809	1.494	1.042	
HORIZONTAL SPREAD	1.809	1.809	1.809	
VERTICAL SPREAD	2.855	2.354	1.080	
EXTREME SPREAD	2.888	2.469	1.972	
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611383

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.142

VS= 2.635

GS= 2.810

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.040	1.103	.974
MINIMUM X	-1.102	-1.039	-.940
MAXIMUM Y	1.198	1.038	1.121
MINIMUM Y	-1.437	-.896	-.813
CENTROID X	.068	.005	.134
CENTROID Y	-.139	.021	-.062
POA TO CENTROID in.	.155	.021	.148
MIN RADIUS	.180	.153	.082
MEAN RADIUS	.863	.774	.683
MAX RADIUS	1.547	1.230	1.201
HORIZONTAL SPREAD	2.142	2.142	1.914
VERTICAL SPREAD	2.635	1.934	1.934
EXTREME SPREAD	2.810	2.275	2.154
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86113B3

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HE= 0.095

VE= 2.493

GE= 0.544

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	1.277	1.243
MINIMUM X	-.811	-.668	-.702
MAXIMUM Y	1.268	1.338	.529
MINIMUM Y	-1.225	-1.155	-.988
CENTROID X	.128	-.015	.019
CENTROID Y	-.119	-.189	-.356
POA TO CENTROID in.	.175	.190	.357
MIN RADIUS	.520	.408	.371
MEAN RADIUS	.931	.830	.762
MAX RADIUS	1.431	1.365	1.284
HORIZONTAL SPREAD	2.095	1.945	1.945
VERTICAL SPREAD	2.493	2.493	1.517
EXTREME SPREAD	2.544	2.544	1.945
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	