

06348903

MODEL 700TM N24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Army 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: **RE00092678** Serial: C6348903 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/8/2005 7:42:08 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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

msnjetj 2/8/2005 9:44 AM CAPS NUM INS SCPL

start 3 4

Serial Number:

C6348903

Model: **M24 SWS**



RE00092678

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348903.___0
FILE DATE AND TIME: 03/14/2005 09:17

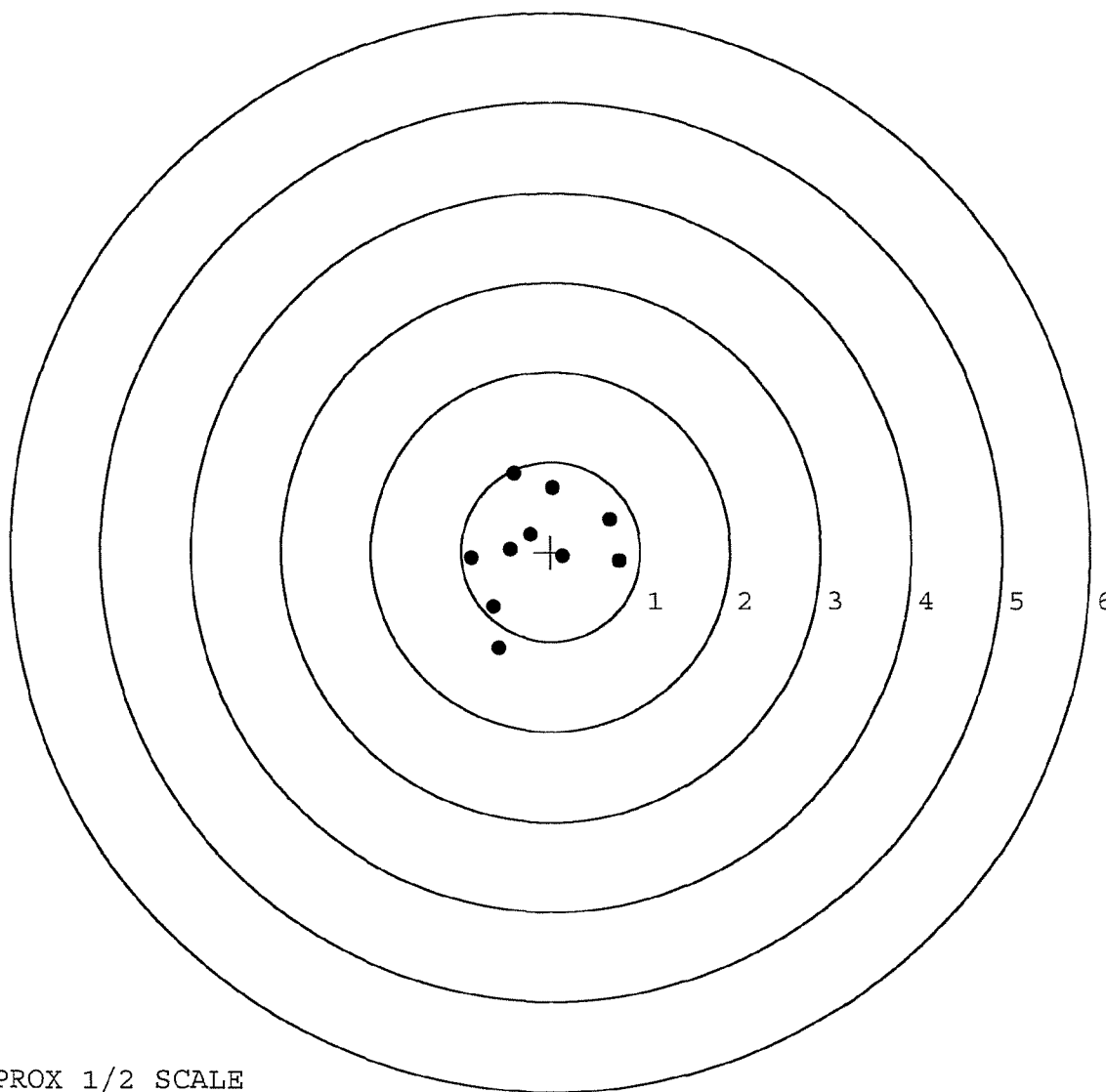
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.138
The Average Y Centroid of the Five Target Set:	-0.081
The Average Point of Impact of the Five Target Set:	0.159
The Average Mean Radius of the Five Target Set:	0.941
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.278
The Distance from Centroid Target #3 to Centroid Target #1:	0.303
The Distance from Centroid Target #4 to Centroid Target #1:	0.275
The Distance from Centroid Target #5 to Centroid Target #1:	0.061

SERIAL NUMBER: C6348903. __0
TARGET NUMBER: 1
FILE DATE: 03/14/2005
FILE TIME: 09:17

POINT#	X	Y
1:	-0.583	-1.083
2:	-0.644	-0.622
3:	-0.886	-0.075
4:	-0.454	0.021
5:	0.129	-0.053
6:	0.015	0.717
7:	-0.415	0.867
8:	0.657	0.365
9:	0.761	-0.100
10:	-0.231	0.197

X CENTROID: -0.165
Y CENTROID: 0.023
POA TO CENTROID: 0.167
HORZ SPREAD: 1.647
VERT SPREAD: 1.950
GROUP SPREAD: 1.957
MIN RADIUS: 0.186
MAX RADIUS: 1.183
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348903. __0

TARGET NUMBER: 2

FILE DATE: 03/14/2005

FILE TIME: 09:17

X CENTROID: -0.401

Y CENTROID: -0.124

POA TO CENTROID: 0.420

HORZ SPREAD: 2.654

VERT SPREAD: 3.853

GROUP SPREAD: 4.351

MIN RADIUS: 0.465

MAX RADIUS: 2.316

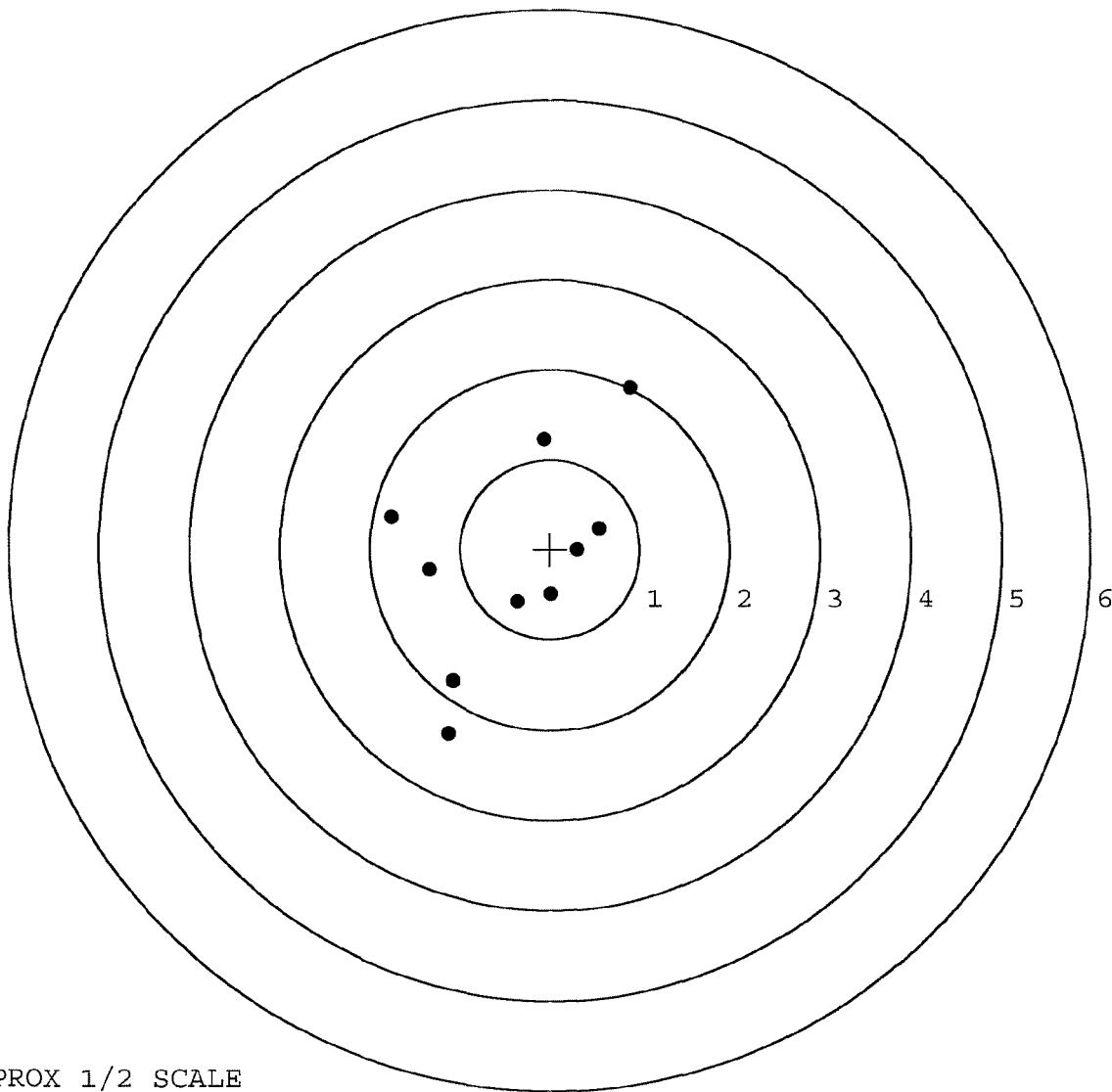
MEAN RADIUS: 1.240

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-1.133	-2.053
2:	-1.076	-1.471
3:	-1.335	-0.237
4:	-1.765	0.354
5:	-0.069	1.223
6:	0.889	1.800
7:	0.540	0.238
8:	0.301	-0.001
9:	0.008	-0.501
10:	-0.373	-0.588



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348903. 0

TARGET NUMBER: 3

FILE DATE: 03/14/2005

FILE TIME: 09:17

X CENTROID: 0.055

Y CENTROID: -0.184

POA TO CENTROID: 0.192

HORZ SPREAD: 3.642

VERT SPREAD: 1.885

GROUP SPREAD: 3.737

MIN RADIUS: 0.199

MAX RADIUS: 2.026

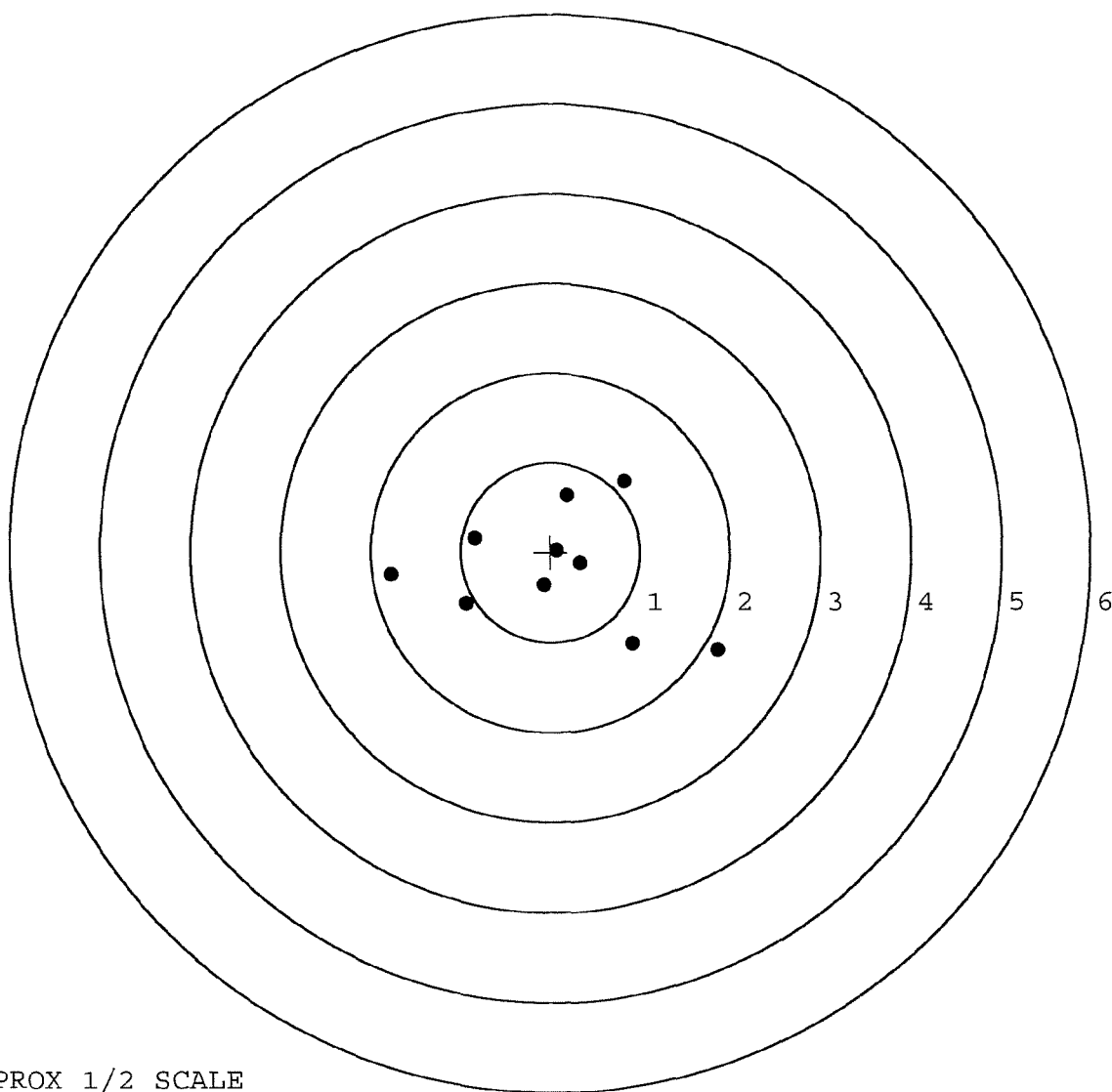
MEAN RADIUS: 0.986

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.866	-1.092
2:	0.914	-1.015
3:	0.824	0.793
4:	0.185	0.628
5:	0.072	0.014
6:	0.328	-0.123
7:	-0.078	-0.369
8:	-0.842	0.155
9:	-0.943	-0.577
10:	-1.776	-0.256



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348903. __0

TARGET NUMBER: 4

FILE DATE: 03/14/2005

FILE TIME: 09:17

X CENTROID: -0.007

Y CENTROID: -0.202

POA TO CENTROID: 0.202

HORZ SPREAD: 2.449

VERT SPREAD: 1.815

GROUP SPREAD: 2.484

MIN RADIUS: 0.335

MAX RADIUS: 1.585

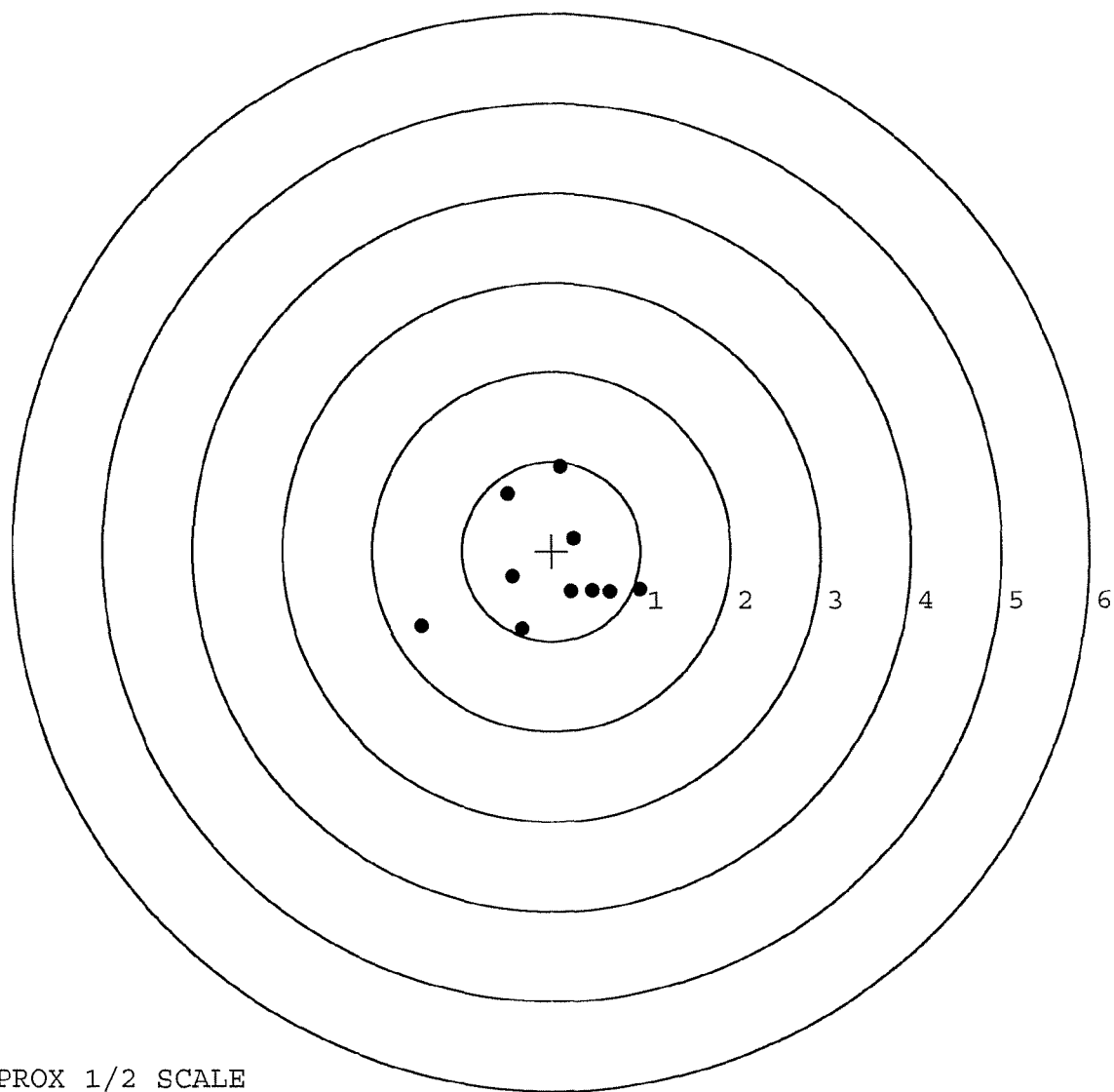
MEAN RADIUS: 0.792

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.457	-0.843
2:	-0.336	-0.870
3:	-0.446	-0.286
4:	0.250	0.148
5:	-0.498	0.645
6:	0.100	0.945
7:	0.992	-0.427
8:	0.653	-0.447
9:	0.454	-0.435
10:	0.217	-0.451



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348903.___0

TARGET NUMBER: 5

FILE DATE: 03/14/2005

FILE TIME: 09:17

X CENTROID: -0.169

Y CENTROID: 0.084

POA TO CENTROID: 0.189

HORZ SPREAD: 2.788

VERT SPREAD: 2.867

GROUP SPREAD: 3.128

MIN RADIUS: 0.233

MAX RADIUS: 1.660

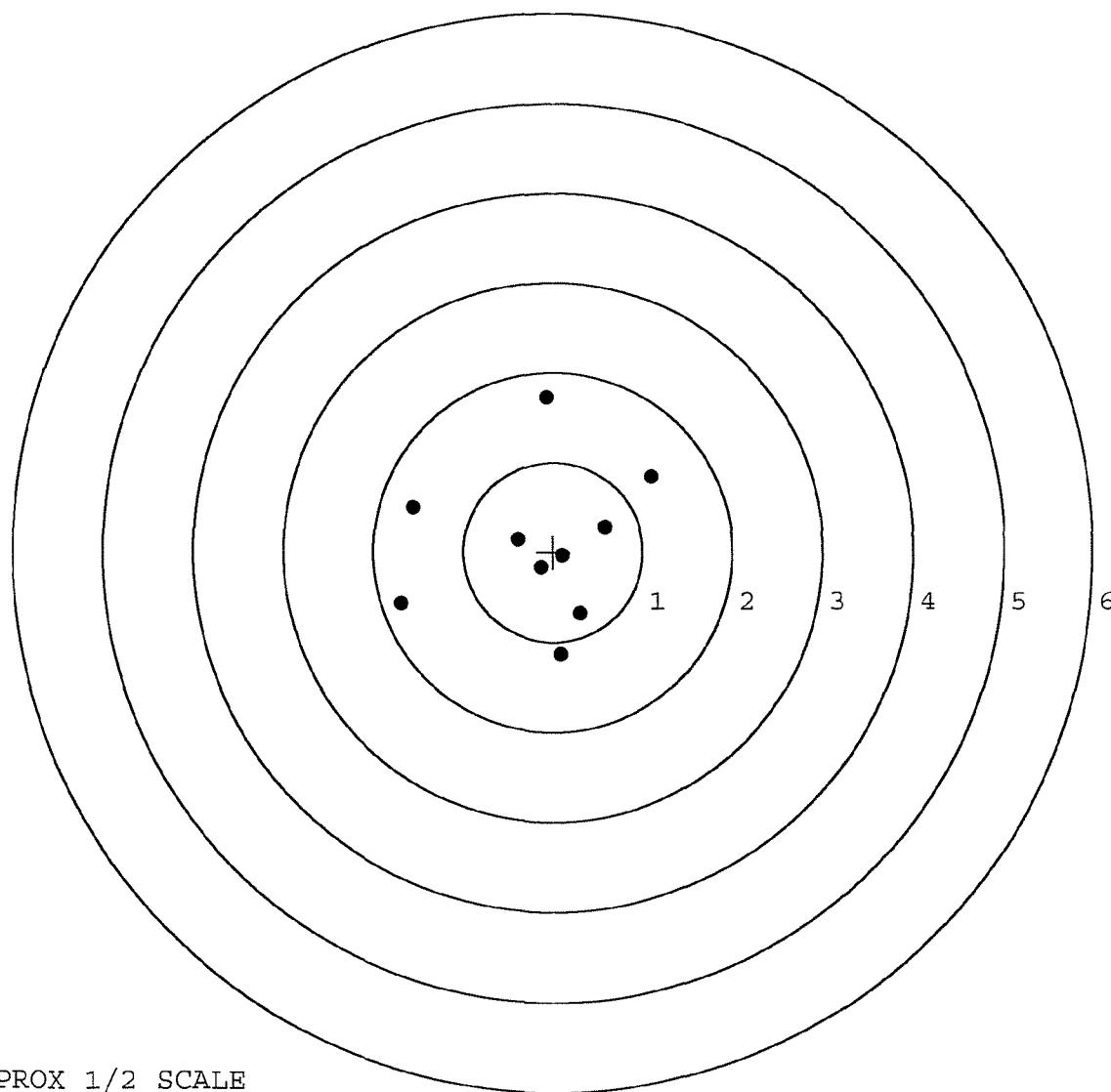
MEAN RADIUS: 0.996

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.084	-1.141
2:	0.306	-0.691
3:	0.579	0.278
4:	1.098	0.837
5:	-0.079	1.726
6:	0.105	-0.046
7:	-0.136	-0.174
8:	-0.396	0.138
9:	-1.563	0.493
10:	-1.690	-0.581



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92678		
SERIAL NUMBER	C6348903		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-14-05	RTL
560 A	RE-BARREL	2-16-05	RTL
B	DRILL AND TAP	2-17-05	TRW
575	ASSEMBLE	2-16-05	RTL
600	PROOF	2-17-05	AC
605	CHECK HEADSPACE	2-17-05	MAGNAFLUX INSPECTED
610	DIS-ASSEMBLE GUN	2-17-05	RTL
612	MAGNAFLUX		FEB 17 2005
615	ROLLMARK CALIBER		OPERATOR
618	ROTO-BLAST	2-18-05	CW LB
620	APPLY COATINGS	3-1-05	HP
625 A	FINAL ASSEMBLY	3-8-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-14-05	AC
D	SAFETY "OFF" FORCE	3-14-05	AC
E	FIRING PIN INDENT	3-14-05	AC 3-14-05
640	TARGET	3-14-05	TRW
655	FINAL INSPECT	3-14-05	AC
660	PACK	3-15-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington



VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
rifle.

MODEL 700™ H24

SERIAL NO.

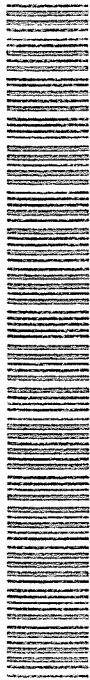
C6348903

ORDER NO.

5716

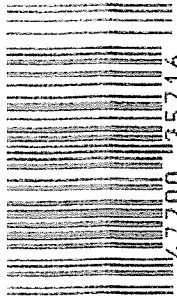
01

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



5716 C6348903

UPC



0 47700 25716 7

RC-20
Replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348903

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 89	RW
600	Proof		9 26 89	RW
607	Check Headspace		9 26 89	RW
610	Dis-assemble Gun		9 26 89	RW
612	Magnaflux Barrel Action		9/29/89	KCR
	Magnaflux Bolt		9/29/89	KCR
615	Rollmark Caliber		9/29/89	SB
7	Drill and Tap Sight Holes		9 29 89	SB
618	Polish Barrel RB		9 29 89	BT
620	Apply Coatings (Barrel Action)		10/1/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		24/12/89	JS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	10/24/89	gll
	G) Safety Off Force	3	3	3	10/24/89	gll
	H) Trigger Pull Test & Retainability				24 Oct 89	gll
	I) Firing Pin Indent	.021	.021	.0205	10/24/89	gll
	J) Assemble Stock				10/25/89	RW
	K) Assemble Swivel Studs				27 Oct 89	gll
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW
	M) Iron Sight Alignment				12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW
	O) Attach Scope to Rifle				10/24/89	gll
	P) Detach & Attach Scope 20 Times				10/25/89	gll
640	Gallery Target & Test			28-27-90	10-25-89	DH
	A) Time			28-27-90	10-25-89	DH
	B) Malfunctions			28-27-90	10-25-89	DH
	C) Pierced Primers			28-27-90	10-25-89	DH
	D) Optical Clarity of Scope			2-27-90	10-25-89	DH
645	Inspect for Live Ammo			2-27-90	10-25-89	DH
655	Final Inspection					
	A) Headspace	2.15	2.19	2.21 2.21 2.19	27 Oct 89	gll
	B) Trigger Pull	232	205	234 239 257	30 Oct 89	gll
	C) Function				27 Oct 89	gll
660	Pack				20 MAR 90	gll

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348903

DATE 24 Oct 89

TESTER gld

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.39	2.39	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.45	2.47	2.05	
PULL #3	2.43	2.47	2.47	2.34	
PULL #4	2.57	2.53	2.48	2.39	
PULL #5	2.41	2.56	2.40	2.57	
TOTAL	12.21	12.40	12.21	11.67	
AVG.	2.442	2.48	2.442	2.334	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.02		
PULL #2	3.19	3.20		
PULL #3	3.18	3.18		
PULL #4	3.30	3.04		
PULL #5	3.25	3.35		
TOTAL	16.07	15.79		
AVG.	3.214	3.158		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.22		4.45
PULL #2	4.12	4.03		4.54
PULL #3	4.41	4.47		4.45
PULL #4	4.04	4.63		4.48
PULL #5	4.49	4.57		4.30
TOTAL	21.16	21.92		22.22
AVG.	4.232	4.384		4.444

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348903
27 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.577887
1 TO	2	.182702
1 TO	3	.405222
1 TO	4	.568265
1 TO	5	.510656

$\frac{3}{5} \frac{4}{5}$ -----POA

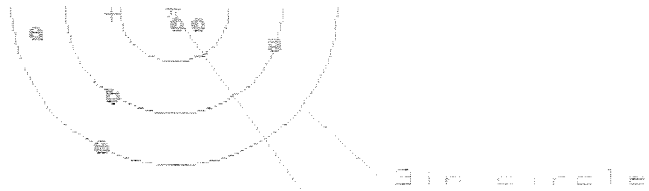
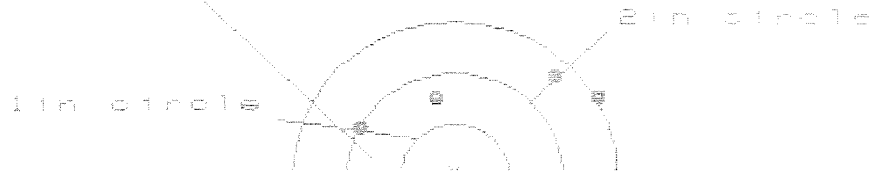
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1764
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .575882
THE AMR FOR THIS RIFLE IS: .8962

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348983

CENTERFIRE PATTERNS # 1

POR



OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 8

HS = 2.583

VS = 2.267

CS = 2.894

PATTERN #



SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.346	1.113	1.052
MINIMUM X	-1.247	-1.098	-1.159
MAXIMUM Y	.947	1.034	.880
MINIMUM Y	-1.320	-1.233	-1.906
CENTROID X	.577	.428	.489
CENTROID Y	.032	-.055	.099
POR TO CENTROID in.	.578	.431	.436
MIN RADIUS	.122	.171	.216
MEAN RADIUS	.979	.913	.856
MAX RADIUS	1.359	1.510	1.861
HORIZONTAL SPREAD	2.593	2.211	2.311
VERTICAL SPREAD	2.267	2.267	1.786
EXTREME SPREAD	2.894	2.768	2.471

NUMBER IN ONE INCH CIRCLE # 3
 NUMBER IN TWO INCH CIRCLE # 9
 NUMBER IN THREE INCH CIRCLE # 9

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06048983

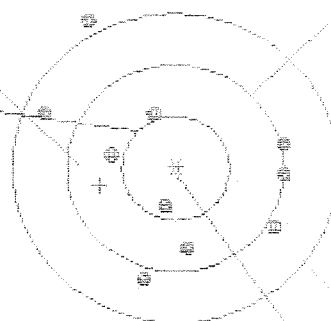
CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

E1 = 5
 E2 = 9
 HS = 2.180
 VS = 2.481
 GS = 2.566

CENTROID *

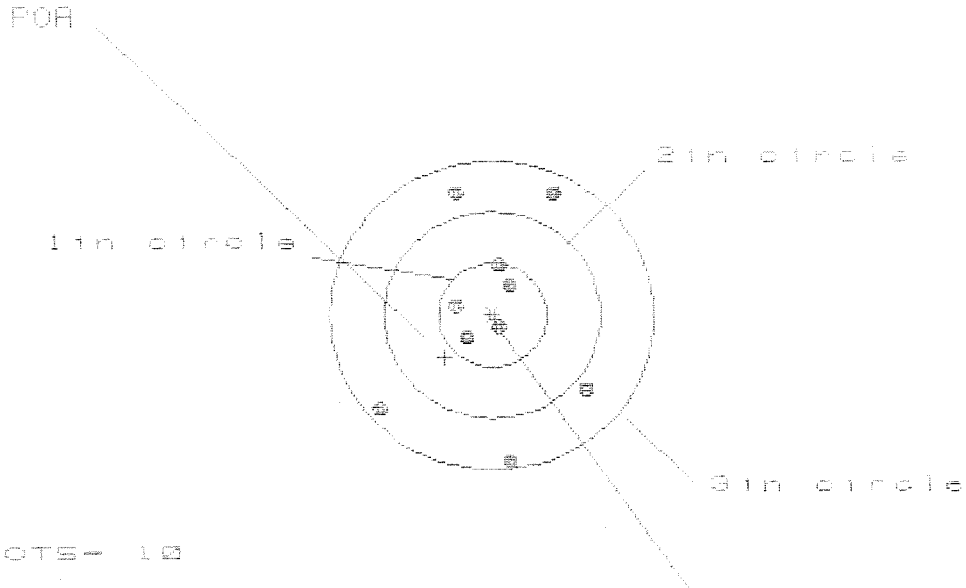
PATTERN # : 2

	10	9	8
SHOTS (BEST OF)			
MAXIMUM X	1.014	.928	.772
MINIMUM X	-1.166	-1.252	-.826
MAXIMUM Y	1.389	.789	.778
MINIMUM Y	-1.092	-.938	-.849
CENTROID X	.699	.785	.941
CENTROID Y	.168	.014	-.075
POA TO CENTROID in.	.719	.785	.944
MIN RADIUS	.328	.235	.338
MEAN RADIUS	.937	.842	.757
MAX RADIUS	1.590	1.439	.990
HORIZONTAL SPREAD	2.180	2.180	1.598
VERTICAL SPREAD	2.481	1.647	1.627
EXTREME SPREAD	2.566	2.353	1.806
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348900

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 10

HS# 1.838

VS# 2.607

GS# 2.636

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.845	.864	.936
MINIMUM X	:	-.994	-.974	-.902
MAXIMUM Y	:	1.227	1.073	1.188
MINIMUM Y	:	-1.380	-1.049	-.914
CENTROID X	:	.439	.420	.348
CENTROID Y	:	.413	.567	.432
FOR TO CENTROID in.	:	.603	.785	.555
MIN RADIUS	:	.151	.261	.224
MEAN RADIUS	:	.989	.735	.664
MAX RADIUS	:	1.391	1.431	1.284
HORIZONTAL SPREAD	:	1.838	1.838	1.838
VERTICAL SPREAD	:	2.607	2.122	2.102
EXTREME SPREAD	:	2.636	2.631	2.232
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348983

CENTERFIRE PATTERNS

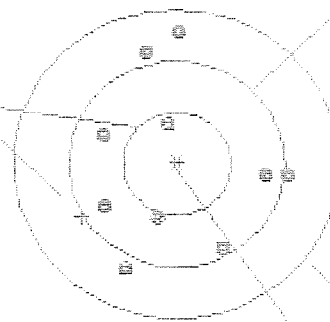
4

POB

1in circle

2in circle

3in circle



CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.659

VS= 2.379

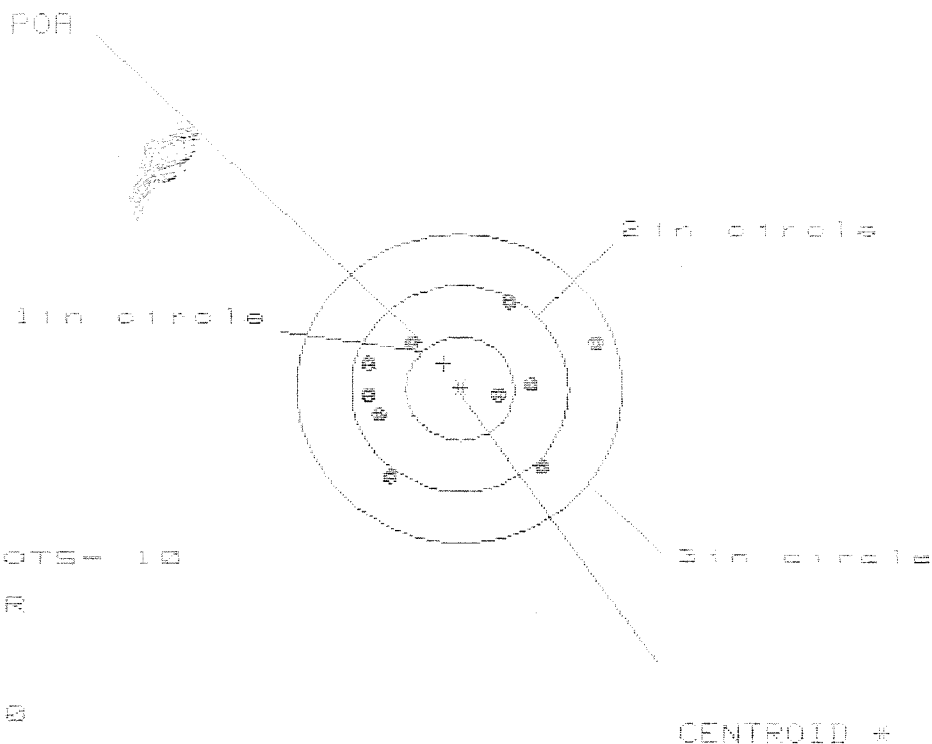
GS= 2.420

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.975	.973	.915
MINIMUM X	:	-.684	-.686	-.744
MAXIMUM Y	:	1.335	1.239	1.127
MINIMUM Y	:	-1.044	-.896	-.620
CENTROID X	:	.878	.880	.938
CENTROID Y	:	.514	.366	.478
POB TO CENTROID in.	:	1.017	.953	1.058
MIN RADIUS	:	.366	.373	.418
MEAN RADIUS	:	.885	.821	.797
MAX RADIUS	:	1.335	1.266	1.171
HORIZONTAL SPREAD	:	1.659	1.659	1.659
VERTICAL SPREAD	:	2.379	2.135	1.947
EXTREME SPREAD	:	2.420	2.145	2.078
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

22 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6348963

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.160

VS= 1.676

GS= 2.322

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	.912	.848
MINIMUM X	-.876	-.733	-.797
MAXIMUM Y	.818	.865	.763
MINIMUM Y	-.858	-.911	-.774
CENTROID X	.148	.005	.069
CENTROID Y	-.245	-.292	-.190
POA TO CENTROID in.	.286	.292	.202
MIN RADIUS	.403	.543	.498
MEAN RADIUS	.871	.805	.777
MAX RADIUS	1.352	1.133	1.148
HORIZONTAL SPREAD	2.160	1.645	1.645
VERTICAL SPREAD	1.676	1.676	1.537
EXTREME SPREAD	2.322	2.020	1.869
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	