

C6511704

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

M2400034584

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Arms Services Repair & Estimate System

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

6. Repair Inquiry

Repair Number: **RE00092478** Serial: C6611704 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1991 Repairman: Status: Closed 2/4/2005 9:38:51 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	Fit and Rear Sgt Base	1

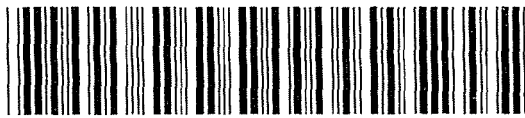
Repair Search Refresh Close

negletj 2/7/2005 11:29 AM CAPS NUM IIS SCPL

start 3 3

Serial Number: **C6611704**

Model: **M24 SWS**



RE00092478

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611704.___0

FILE DATE AND TIME: 05/11/2005 08:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	-0.155
The Average Point of Impact of the Five Target Set:	0.175
The Average Mean Radius of the Five Target Set:	0.819
The Distance from POA to Centroid Target #1:	0.121
The Distance from Centroid Target #2 to Centroid Target #1:	0.308
The Distance from Centroid Target #3 to Centroid Target #1:	0.272
The Distance from Centroid Target #4 to Centroid Target #1:	0.100
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

SERIAL NUMBER: C6611704. __0

TARGET NUMBER: 1

FILE DATE: 05/11/2005

FILE TIME: 08:38

X CENTROID: -0.003

Y CENTROID: -0.121

POA TO CENTROID: 0.121

HORZ SPREAD: 1.071

VERT SPREAD: 1.626

GROUP SPREAD: 1.590

MIN RADIUS: 0.123

MAX RADIUS: 0.912

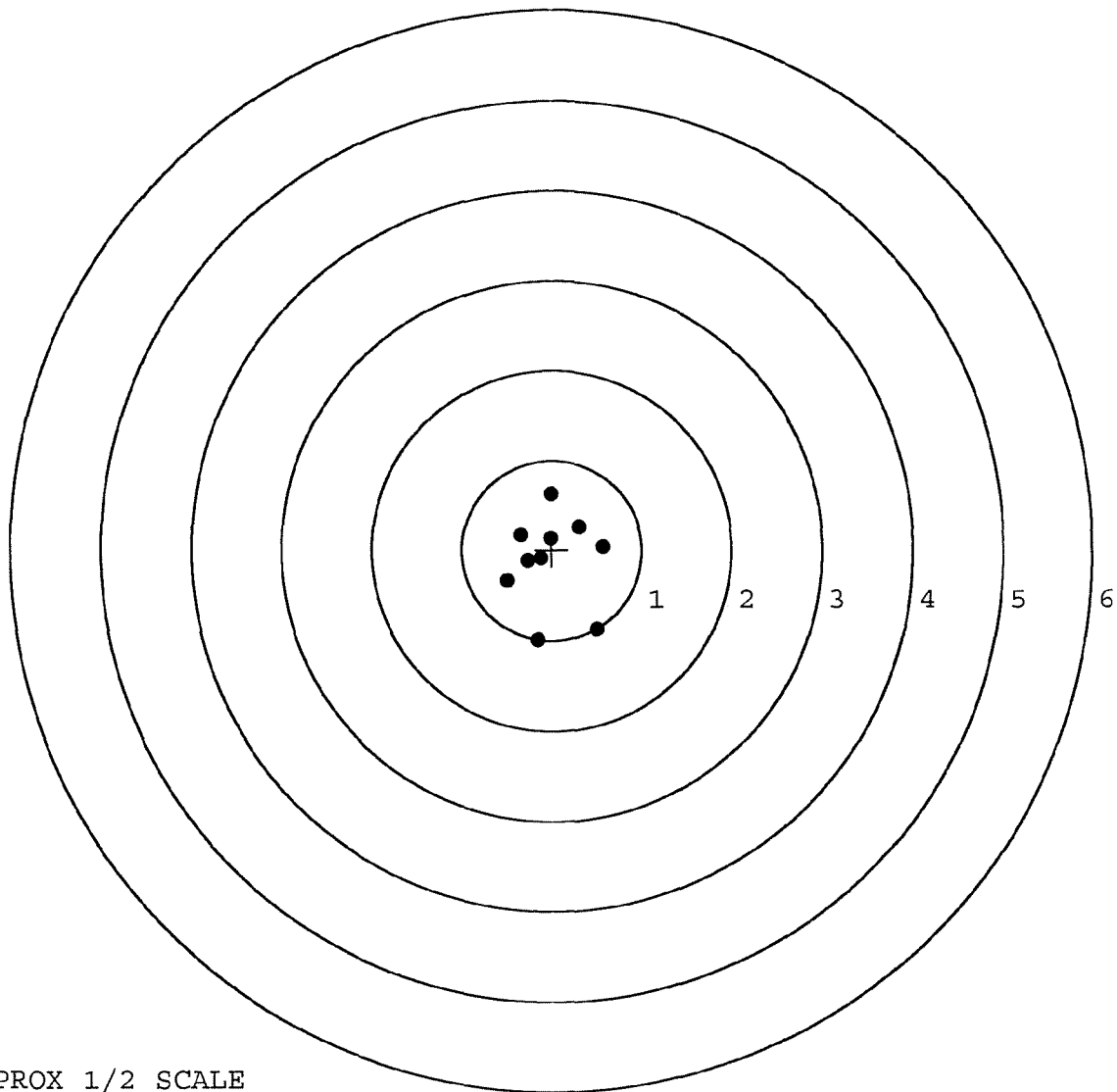
MEAN RADIUS: 0.527

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.502	-0.881
2:	-0.157	-1.002
3:	0.575	0.034
4:	0.301	0.260
5:	-0.010	0.133
6:	-0.123	-0.094
7:	-0.268	-0.120
8:	-0.496	-0.341
9:	-0.342	0.173
10:	-0.011	0.624



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704. __0

TARGET NUMBER: 2

FILE DATE: 05/11/2005

FILE TIME: 08:38

X CENTROID: -0.226

Y CENTROID: -0.334

POA TO CENTROID: 0.403

HORZ SPREAD: 2.372

VERT SPREAD: 2.575

GROUP SPREAD: 2.953

MIN RADIUS: 0.319

MAX RADIUS: 1.694

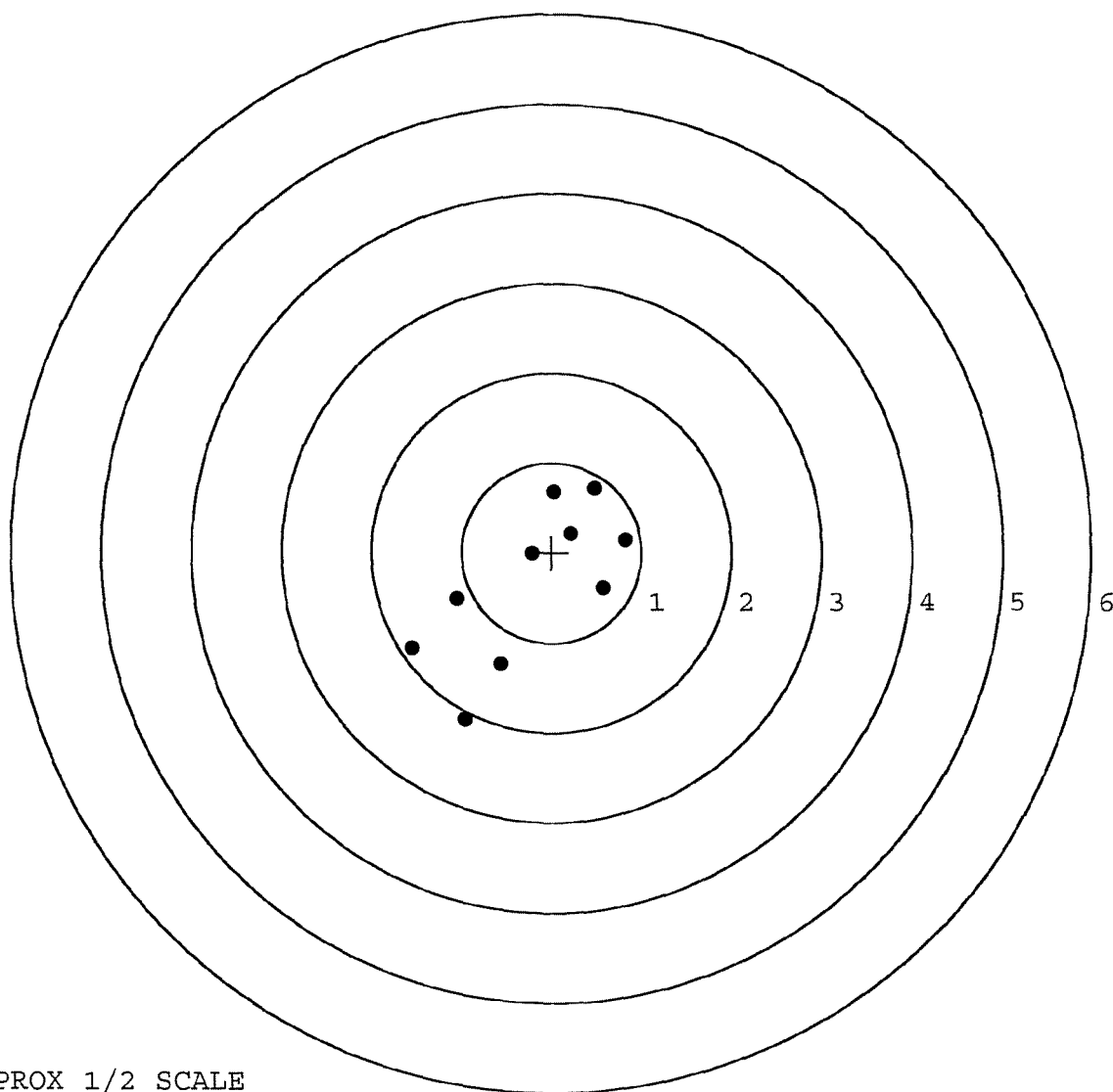
MEAN RADIUS: 1.031

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.573	-0.399
2:	0.821	0.142
3:	0.219	0.207
4:	0.476	0.718
5:	0.028	0.678
6:	-0.222	-0.016
7:	-1.059	-0.514
8:	-0.571	-1.239
9:	-1.551	-1.065
10:	-0.969	-1.857



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704. __0

TARGET NUMBER: 3

FILE DATE: 05/11/2005

FILE TIME: 08:38

X CENTROID: -0.255

Y CENTROID: -0.223

POA TO CENTROID: 0.339

HORZ SPREAD: 2.572

VERT SPREAD: 1.178

GROUP SPREAD: 2.572

MIN RADIUS: 0.397

MAX RADIUS: 1.571

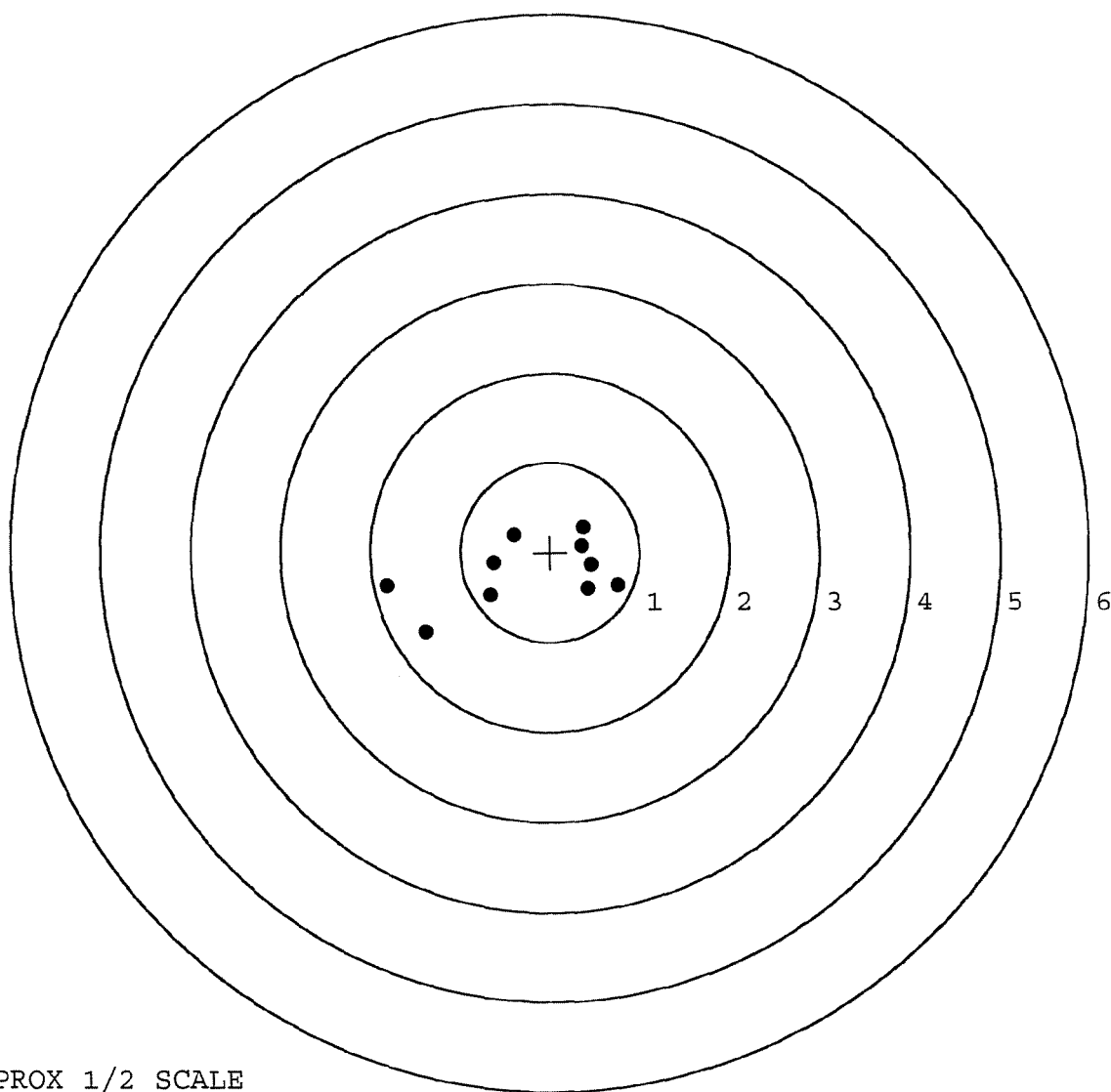
MEAN RADIUS: 0.813

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.754	-0.371
2:	0.423	-0.406
3:	0.454	-0.139
4:	0.369	0.283
5:	0.359	0.075
6:	-0.403	0.194
7:	-0.637	-0.114
8:	-0.669	-0.477
9:	-1.384	-0.895
10:	-1.818	-0.382



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704. 0

TARGET NUMBER: 4

FILE DATE: 05/11/2005

FILE TIME: 08:38

X CENTROID: -0.022

Y CENTROID: -0.023

POA TO CENTROID: 0.032

HORZ SPREAD: 2.562

VERT SPREAD: 1.914

GROUP SPREAD: 2.626

MIN RADIUS: 0.247

MAX RADIUS: 1.532

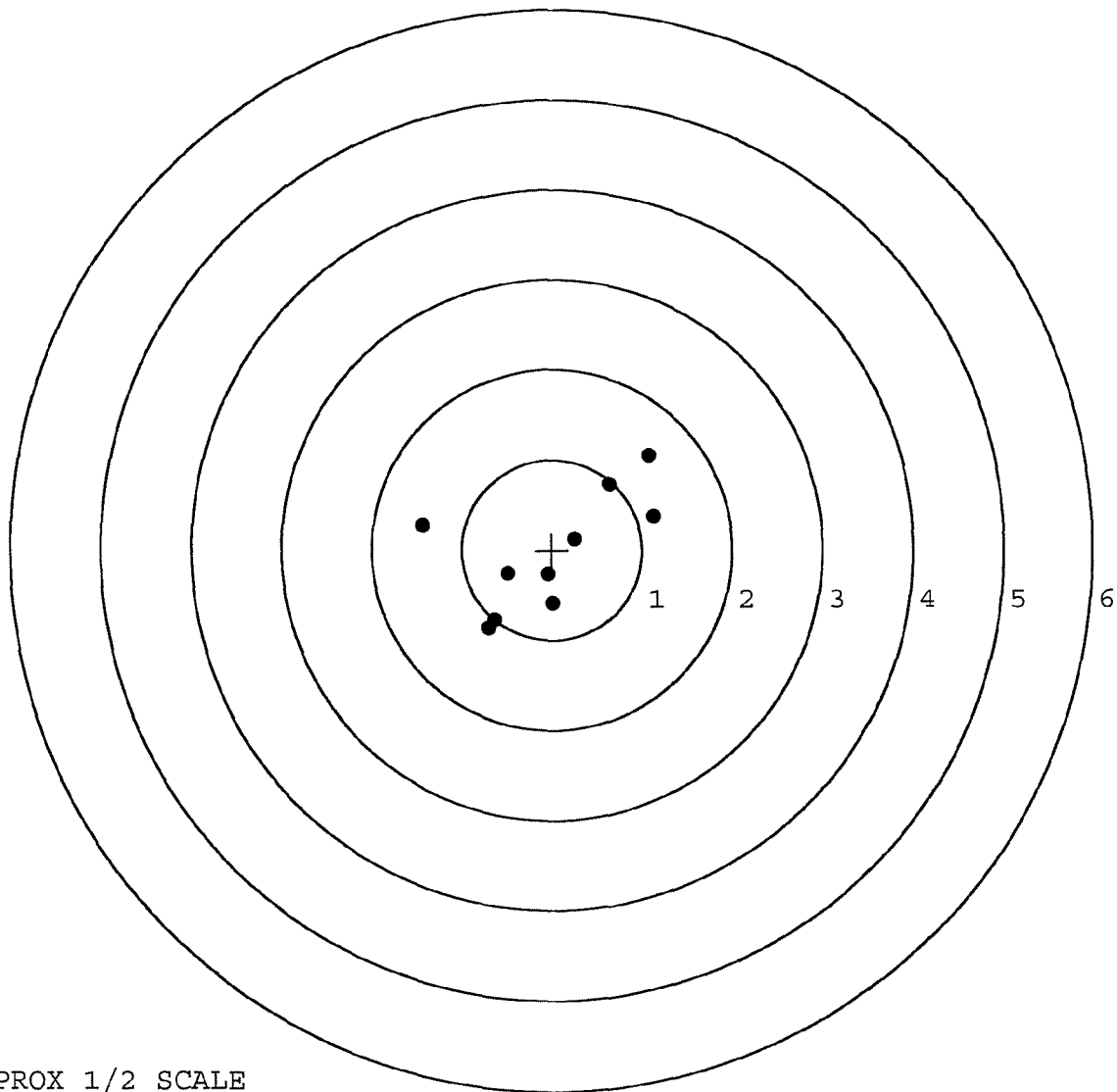
MEAN RADIUS: 0.892

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.713	-0.870
2:	-0.641	-0.777
3:	-0.495	-0.262
4:	0.011	-0.597
5:	-0.047	-0.269
6:	0.256	0.122
7:	1.127	0.371
8:	0.637	0.728
9:	1.077	1.044
10:	-1.435	0.279

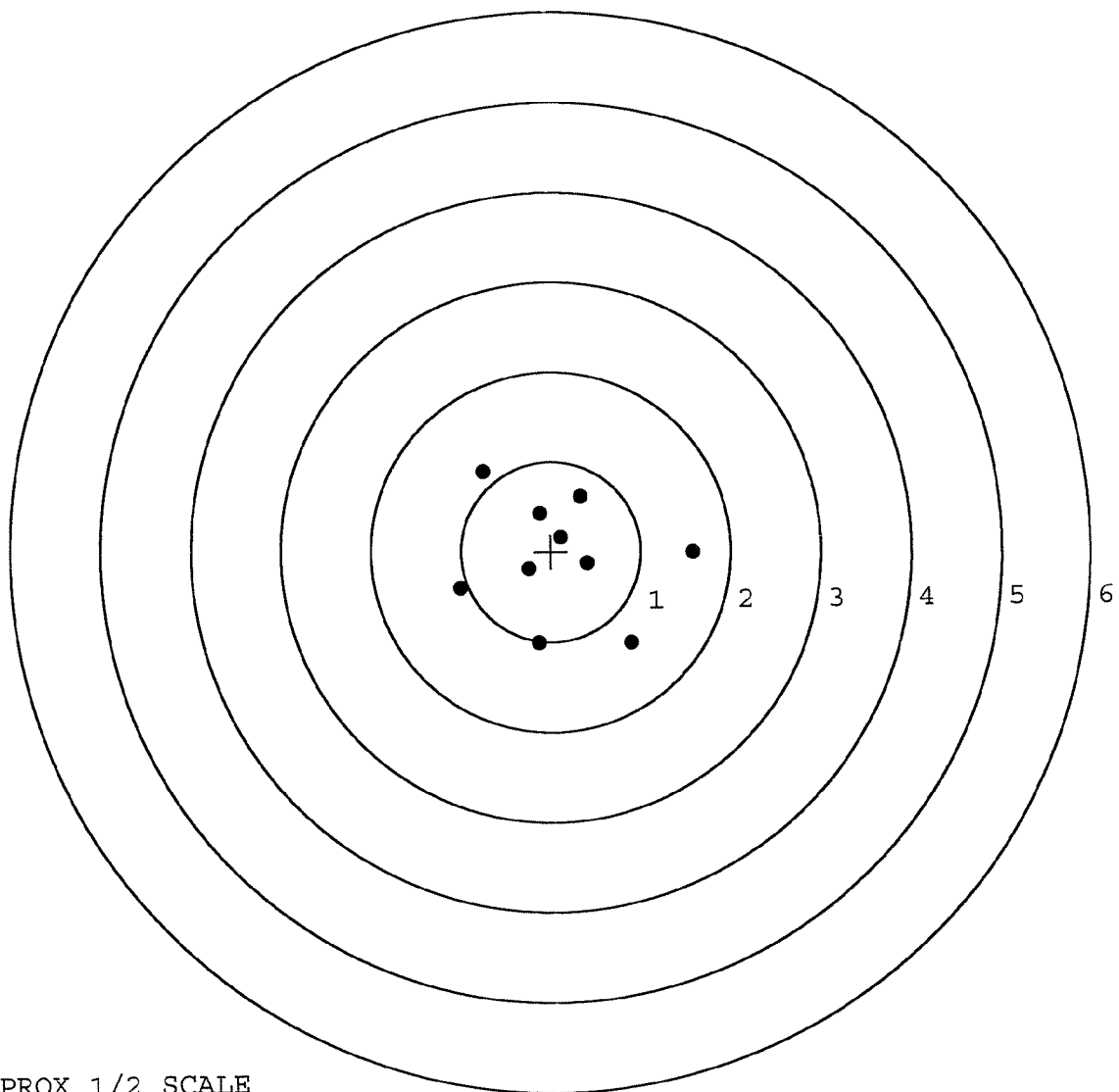


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704. __0
TARGET NUMBER: 5
FILE DATE: 05/11/2005
FILE TIME: 08:38

X CENTROID: 0.104
Y CENTROID: -0.072
POA TO CENTROID: 0.127
HORZ SPREAD: 2.594
VERT SPREAD: 1.915
GROUP SPREAD: 2.621
MIN RADIUS: 0.229
MAX RADIUS: 1.479
MEAN RADIUS: 0.832
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.884	-1.021
2:	1.582	-0.030
3:	-1.012	-0.405
4:	-0.252	-0.200
5:	0.406	-0.138
6:	0.112	0.157
7:	-0.125	0.424
8:	0.339	0.612
9:	-0.747	0.894
10:	-0.148	-1.015



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92478		
SERIAL NUMBER	C661704		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	4-12-05	CW
615	ROLLMARK CALIBER	4-18-05	LB
618	ROTO-BLAST	4-28-05	W
620	APPLY COATINGS	5-10-05	RTZ
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-13-05	AC
D	SAFETY "OFF" FORCE	5-13-05	AC
E	FIRING PIN INDENT	5-13-05	AC
640	TARGET	5-11-05	AC
655	FINAL INSPECT	5-13-05	AC
660	PACK	5-14-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	




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

MODEL 700TM M24

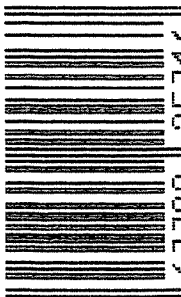
SERIAL NO.
C6611704

ORDER NO.
5716

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

46

UPC



0 47700 25716 7



5716 C6611704

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611704

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	11
615	Rollmark Caliber	APR	2 1991	GG
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/16/91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-16-91	AC
	G) Safety Off Force	3	4	4			4-16-91	AC
	H) Trigger Pull Test & Retainability						4-16-91	DH
	I) Firing Pin Indent	.022	.022	.022			4-16-91	AC
	J) Assemble Stock						4-17-91	RW
	K) Assemble Swivel Studs						4-23-91	DH
	L) Attach Front and Rear Sight Assemblies						4-17-91	RW
	M) Iron Sight Alignment						4-17-91	RW
	N) Detach Front & Rear Sights & place in numbered container						4-17-91	RW
	O) Attach Scope to Rifle						4-17-91	RW
	P) Detach & Attach Scope 20 Times						4-17-91	RW
640	Gallery Target & Test						4-17-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4-17-91	NF
655	Final Inspection							
	A) Headspace						4-23-91	DH
	B) Trigger Pull	2.59	2.77	2.20	2.20	2.19	4-22-91	RW
	C) Function						4-23-91	DH
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. CGG11704
DATE 4-16-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.46	2.57	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.60	2.14	2.77	
PULL #3	2.47	2.53	2.57	2.20	
PULL #4	2.46	2.55	2.52	2.20	
PULL #5	2.41	2.57	2.56	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.01		
PULL #2	3.04	3.07		
PULL #3	2.99	3.03		
PULL #4	3.08	3.07		
PULL #5	3.11	3.07		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.33		4.39
PULL #2	4.01	4.34		4.33
PULL #3	4.11	4.28		4.31
PULL #4	3.99	4.40		4.31
PULL #5	4.01	4.43		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611704
17 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.249435
1 TO	2	.289458
1 TO	3	.272595
1 TO	4	.263372
1 TO	5	.332024



(----POA

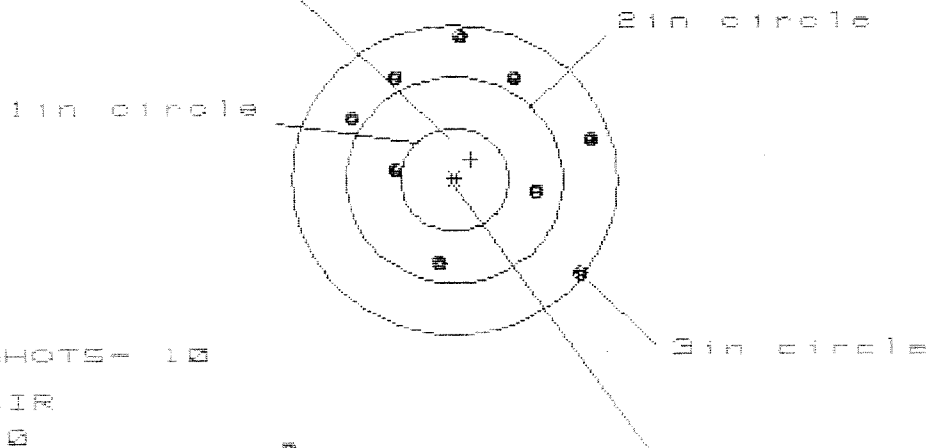
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0524
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1802
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187664
THE AMR FOR THIS RIFLE IS: 1.026

17 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611704

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 2.833

VS = 4.017

GS = 4.325

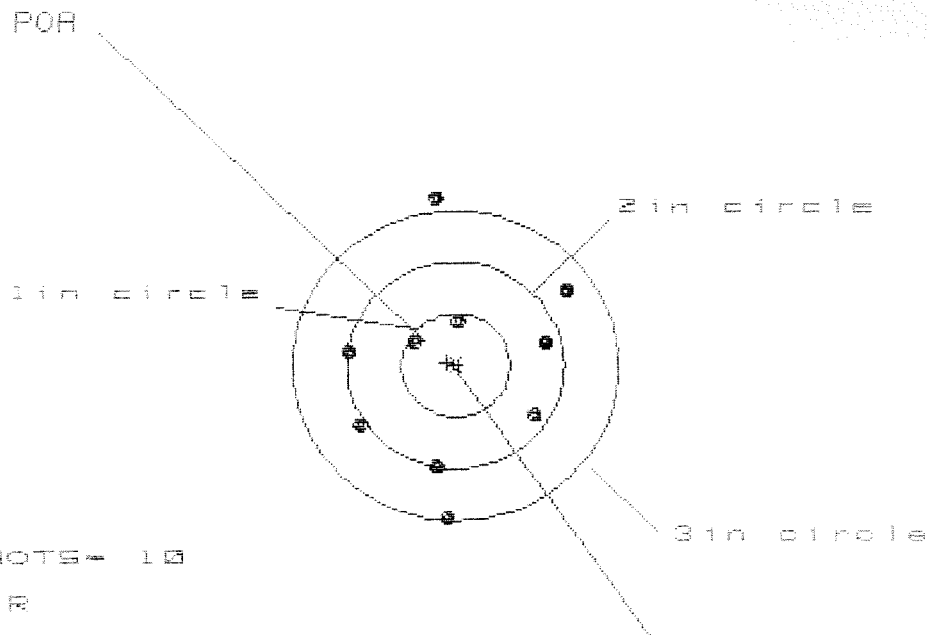
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.245	1.069	1.185
MINIMUM X	-1.588	-1.086	-.969
MAXIMUM Y	1.378	1.085	.932
MINIMUM Y	-2.639	-1.227	-1.222
CENTROID X	-.153	.023	-.093
CENTROID Y	-.197	.096	.249
POA TO CENTROID in.	.258	.099	.266
MIN RADIUS	.525	.672	.654
MEAN RADIUS	1.257	1.009	.920
MAX RADIUS	3.079	1.541	1.232
HORIZONTAL SPREAD	2.833	2.155	2.155
VERTICAL SPREAD	4.017	2.312	2.154
EXTREME SPREAD	4.325	2.564	2.170
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

17 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611704

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.002

VS = 3.048

GS = 3.050

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	1.018	1.001
MINIMUM X	:	-1.961	-1.984	-1.001
MAXIMUM Y	:	1.592	.922	.762
MINIMUM Y	:	-1.456	-1.279	-.926
CENTROID X	:	.082	.105	.122
CENTROID Y	:	-.028	-.205	-.046
POA TO CENTROID in.	:	.087	.231	.130
MIN RADIUS	:	.452	.595	.465
MEAN RADIUS	:	.992	.922	.858
MAX RADIUS	:	1.606	1.373	1.258
HORIZONTAL SPREAD	:	2.002	2.002	2.002
VERTICAL SPREAD	:	3.048	2.201	1.689
EXTREME SPREAD	:	3.050	2.483	2.299
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611784

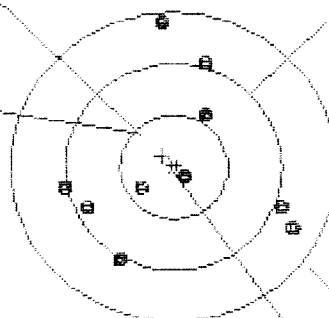
CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.069

VS= 2.302

GS= 2.373

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.065	1.051	1.131
MINIMUM X	:	-1.004	-1.018	-.887
MAXIMUM Y	:	1.418	1.149	1.089
MINIMUM Y	:	-.884	-.726	-.786
CENTROID X	:	.105	.119	-.012
CENTROID Y	:	-.109	-.267	-.207
POA TO CENTROID in.	:	.151	.292	.208
MIN RADIUS	:	.188	.115	.248
MEAN RADIUS	:	.893	.816	.764
MAX RADIUS	:	1.424	1.178	1.172
HORIZONTAL SPREAD	:	2.069	2.069	2.018
VERTICAL SPREAD	:	2.302	1.875	1.875
EXTREME SPREAD	:	2.373	2.116	2.043
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611704

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 1.899

VS = 2.533

GS = 3.032

CENTROID *

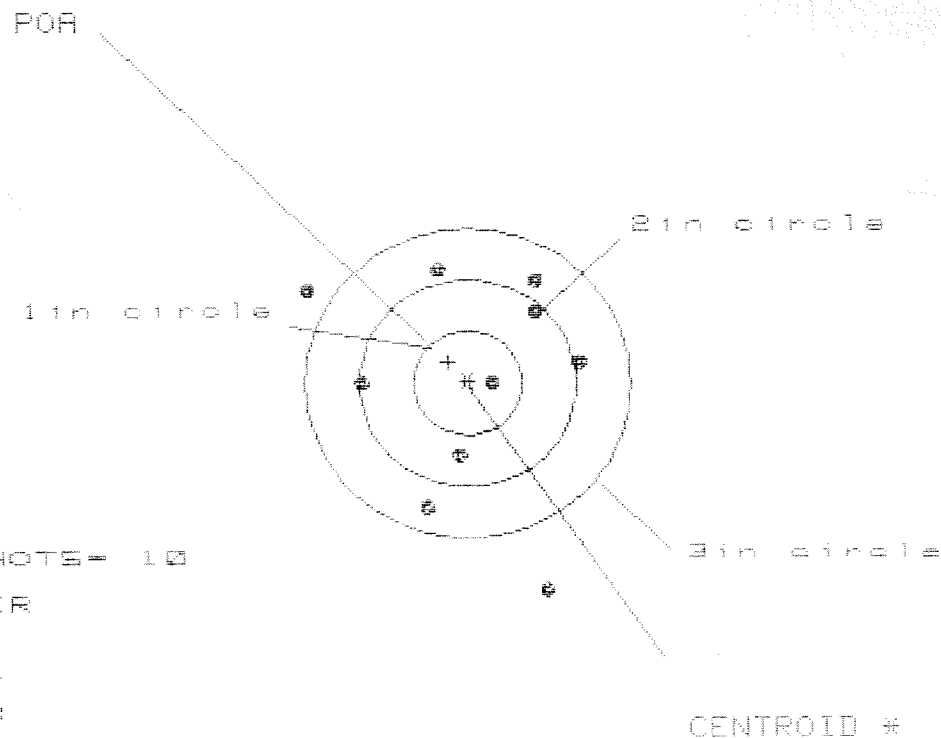
PATTERN # : 4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	.942	1.031
MINIMUM X	:	-.861	-.826	-.737
MAXIMUM Y	:	1.736	.982	.907
MINIMUM Y	:	-.797	-.604	-.550
CENTROID X	:	.049	.145	.056
CENTROID Y	:	-.366	-.559	-.484
POA TO CENTROID in.	:	.370	.578	.487
MIN RADIUS	:	.424	.256	.347
MEAN RADIUS	:	.871	.712	.683
MAX RADIUS	:	1.938	.991	1.043
HORIZONTAL SPREAD	:	1.899	1.768	1.768
VERTICAL SPREAD	:	2.533	1.586	1.457
EXTREME SPREAD	:	3.032	1.768	1.768
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611704

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.504

VS= 3.091

GS= 3.665

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.013	1.087	.910
MINIMUM X	:	-1.491	-1.417	-1.047
MAXIMUM Y	:	1.083	.860	.951
MINIMUM Y	:	-2.008	-1.400	-1.309
CENTROID X	:	.179	.105	.282
CENTROID Y	:	-.201	.022	-.069
POA TO CENTROID in.	:	.269	.107	.290
MIN RADIUS	:	.221	.393	.208
MEAN RADIUS	:	1.117	1.003	.893
MAX RADIUS	:	2.118	1.592	1.393
HORIZONTAL SPREAD	:	2.504	2.504	1.957
VERTICAL SPREAD	:	3.091	2.260	2.260
EXTREME SPREAD	:	3.665	2.607	2.363
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	