

C6611408

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

FileAdd RepairEstimate RepairExpedite RepairInquiryRepair ToolsCSF ToolsReportsTable MaintenanceSystem MaintenanceHelp

Repair Inquiry

Repair Number:RE00034334

Serial: 06611408 Model: 700 Center Fire Caliber: 7.62 NATO M24 SWS WOG 1 of 2

Repairman:

Status:Closed 10/22/01 1:51:02 PM

Verify Repair

Address Information

Customer:☒ Received From

Return To:☐ Received From

Name:BC 033 SFG A

Address 1:

Address 2:

City:FORT BRAGG

State:NC

Zip Code:28310

Country:US

Name:BC 033 SFG A

Address 1:

Address 2:

City:FORT BRAGG

State:NC

Zip Code:28310

Country:US

PO Box:

PO Box:

FEL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone:

Fax:

Email:

Comments:

Condition:

Notes:

CSR Notes:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case(WOG)	1
A017	Scope Base	1
X001	Adjustable Butt plate	1

Repair Search

Refresh

Close

maglev10/22/012:14 PMCAPSNUMINSSCFL

StartS.C.A.P.S.E.P.T.M.F.

2:14 PM

Serial Number: C66 1 1 408

Model: 700



RE00034334

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611408.__0
FILE DATE AND TIME: 11/01/2001 04:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.036
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.897
The Distance from POA to Centroid Target #1:	0.233
The Distance from Centroid Target #2 to Centroid Target #1:	0.389
The Distance from Centroid Target #3 to Centroid Target #1:	0.321
The Distance from Centroid Target #4 to Centroid Target #1:	0.657
The Distance from Centroid Target #5 to Centroid Target #1:	0.311

SERIAL NUMBER: C6611408. 0

TARGET NUMBER: 1

FILE DATE: 11/01/2001

FILE TIME: 04:08

X CENTROID: -0.013

Y CENTROID: -0.233

POA TO CENTROID: 0.233

HORZ SPREAD: 3.060

VERT SPREAD: 1.387

GROUP SPREAD: 3.153

MIN RADIUS: 0.114

MAX RADIUS: 1.942

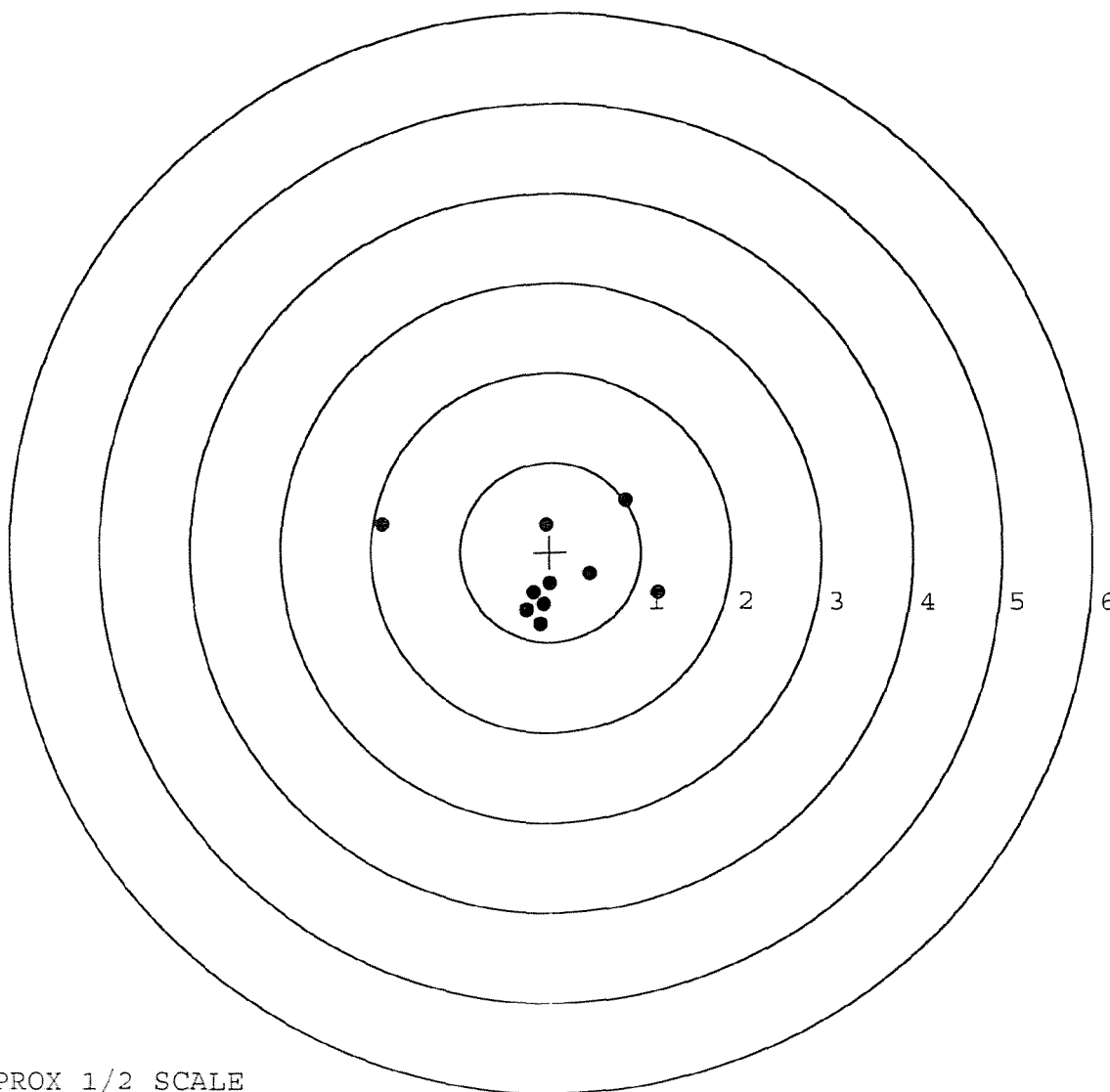
MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.830	0.586
2:	1.182	-0.454
3:	0.436	-0.252
4:	-0.048	0.313
5:	-1.878	0.308
6:	-0.011	-0.347
7:	-0.192	-0.450
8:	-0.265	-0.646
9:	-0.112	-0.801
10:	-0.075	-0.586



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. 0

TARGET NUMBER: 2

FILE DATE: 11/01/2001

FILE TIME: 04:08

X CENTROID: -0.054

Y CENTROID: 0.154

POA TO CENTROID: 0.163

HORZ SPREAD: 2.923

VERT SPREAD: 1.442

GROUP SPREAD: 2.938

MIN RADIUS: 0.213

MAX RADIUS: 1.690

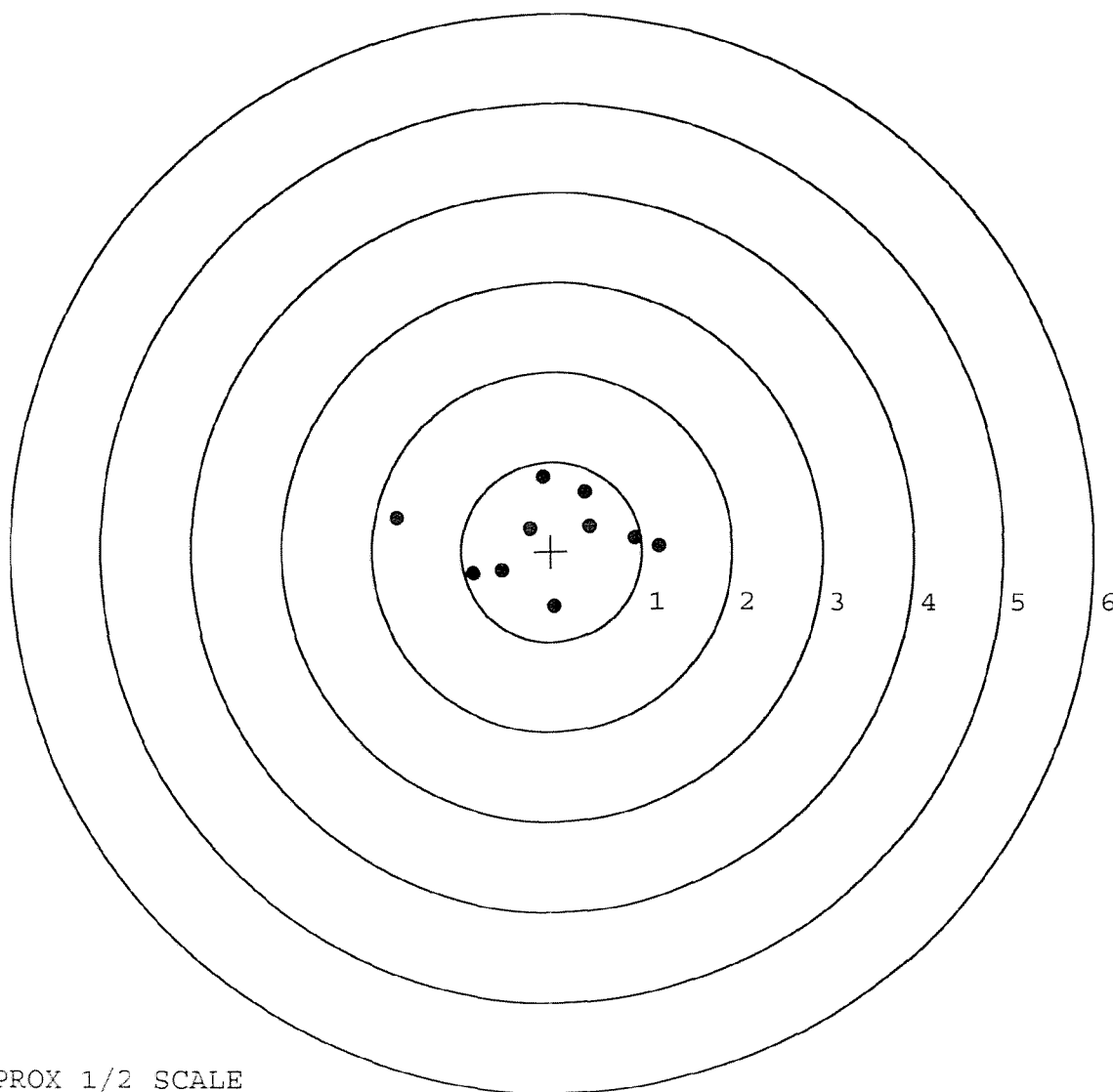
MEAN RADIUS: 0.826

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.373	0.658
2:	0.426	0.283
3:	0.925	0.154
4:	1.192	0.066
5:	0.036	-0.613
6:	-0.547	-0.208
7:	-0.871	-0.250
8:	-0.240	0.257
9:	-0.099	0.829
10:	-1.731	0.361



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. 0

TARGET NUMBER: 3

FILE DATE: 11/01/2001

FILE TIME: 04:08

POINT#	X	Y
1:	-1.266	1.795
2:	-1.191	1.223
3:	-1.022	0.262
4:	0.221	0.304
5:	-0.154	-0.291
6:	0.260	-0.168
7:	0.823	0.188
8:	0.699	-1.079
9:	1.905	-0.180
10:	1.761	-2.023

X CENTROID: 0.204

Y CENTROID: 0.003

POA TO CENTROID: 0.204

HORZ SPREAD: 3.171

VERT SPREAD: 3.818

GROUP SPREAD: 4.872

MIN RADIUS: 0.180

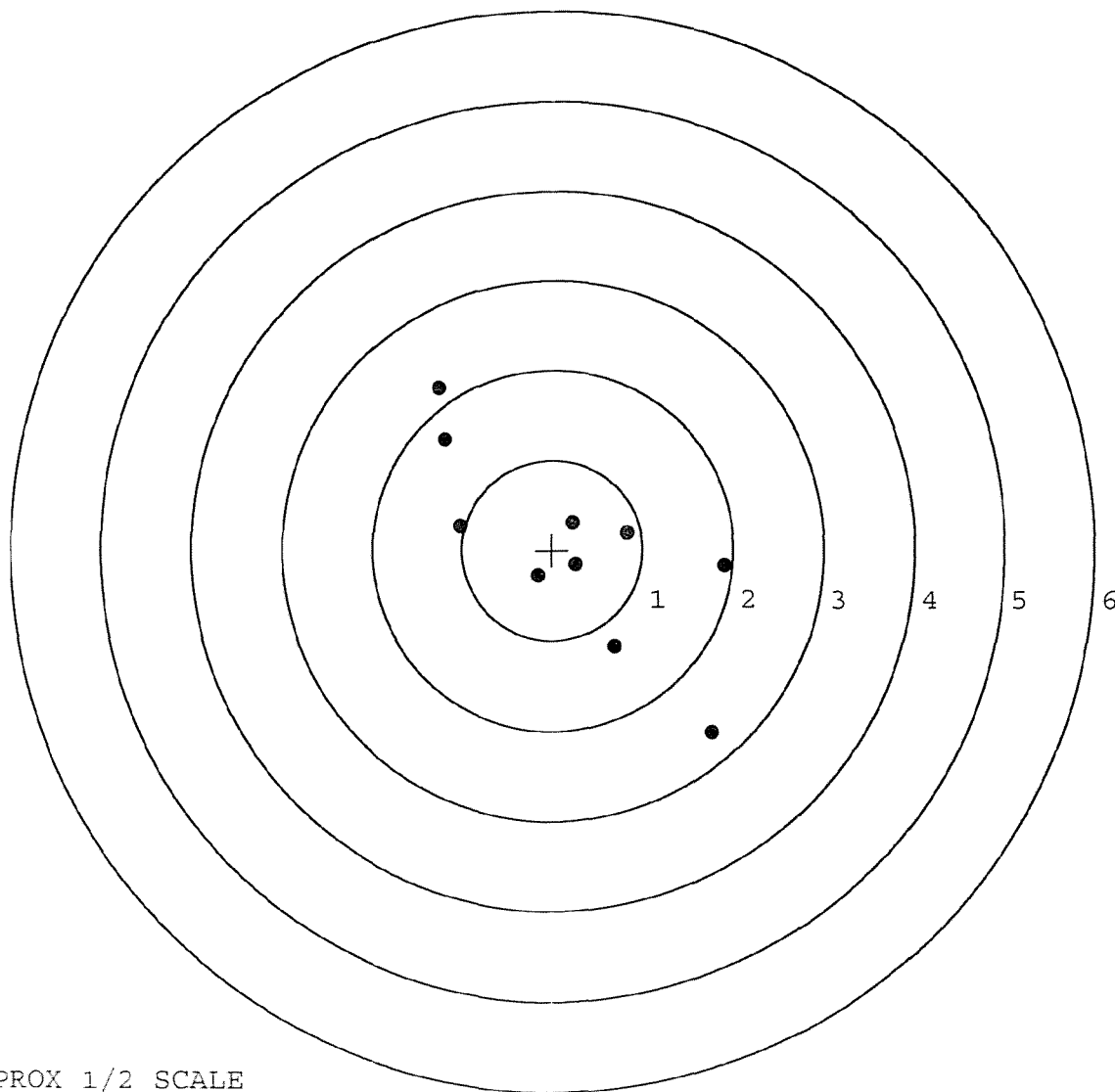
MAX RADIUS: 2.555

MEAN RADIUS: 1.247

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. 0

TARGET NUMBER: 4

FILE DATE: 11/01/2001

FILE TIME: 04:08

X CENTROID: -0.123

Y CENTROID: 0.415

POA TO CENTROID: 0.433

HORZ SPREAD: 2.692

VERT SPREAD: 2.099

GROUP SPREAD: 3.176

MIN RADIUS: 0.269

MAX RADIUS: 2.187

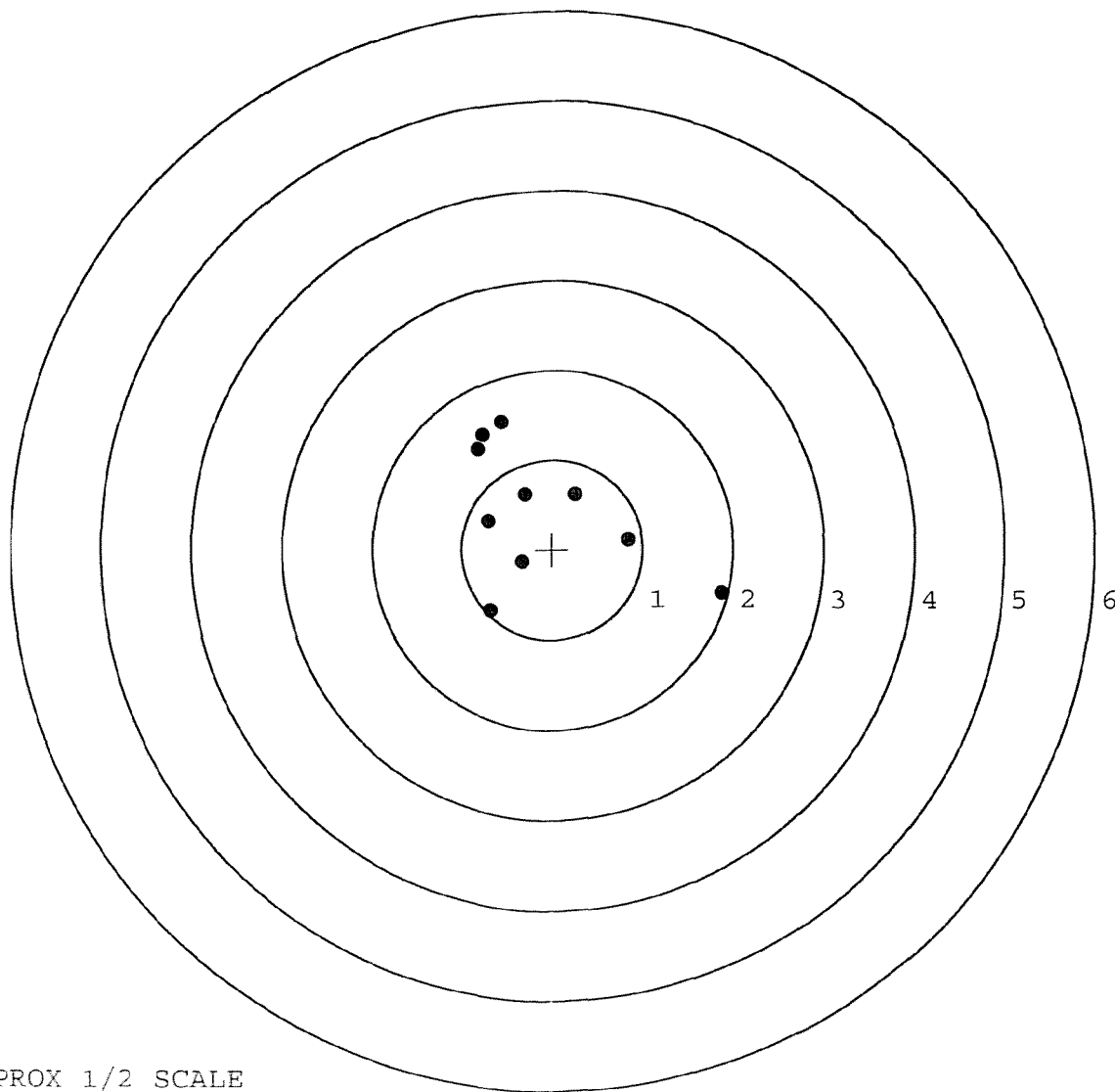
MEAN RADIUS: 0.948

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.259	0.608
2:	0.843	0.109
3:	1.868	-0.490
4:	-0.330	-0.136
5:	-0.686	-0.676
6:	-0.713	0.314
7:	-0.303	0.615
8:	-0.569	1.423
9:	-0.772	1.276
10:	-0.824	1.110



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. 0

TARGET NUMBER: 5

FILE DATE: 11/01/2001

FILE TIME: 04:08

X CENTROID: 0.168

Y CENTROID: 0.020

POA TO CENTROID: 0.169

HORZ SPREAD: 1.674

VERT SPREAD: 2.084

GROUP SPREAD: 2.378

MIN RADIUS: 0.161

MAX RADIUS: 1.530

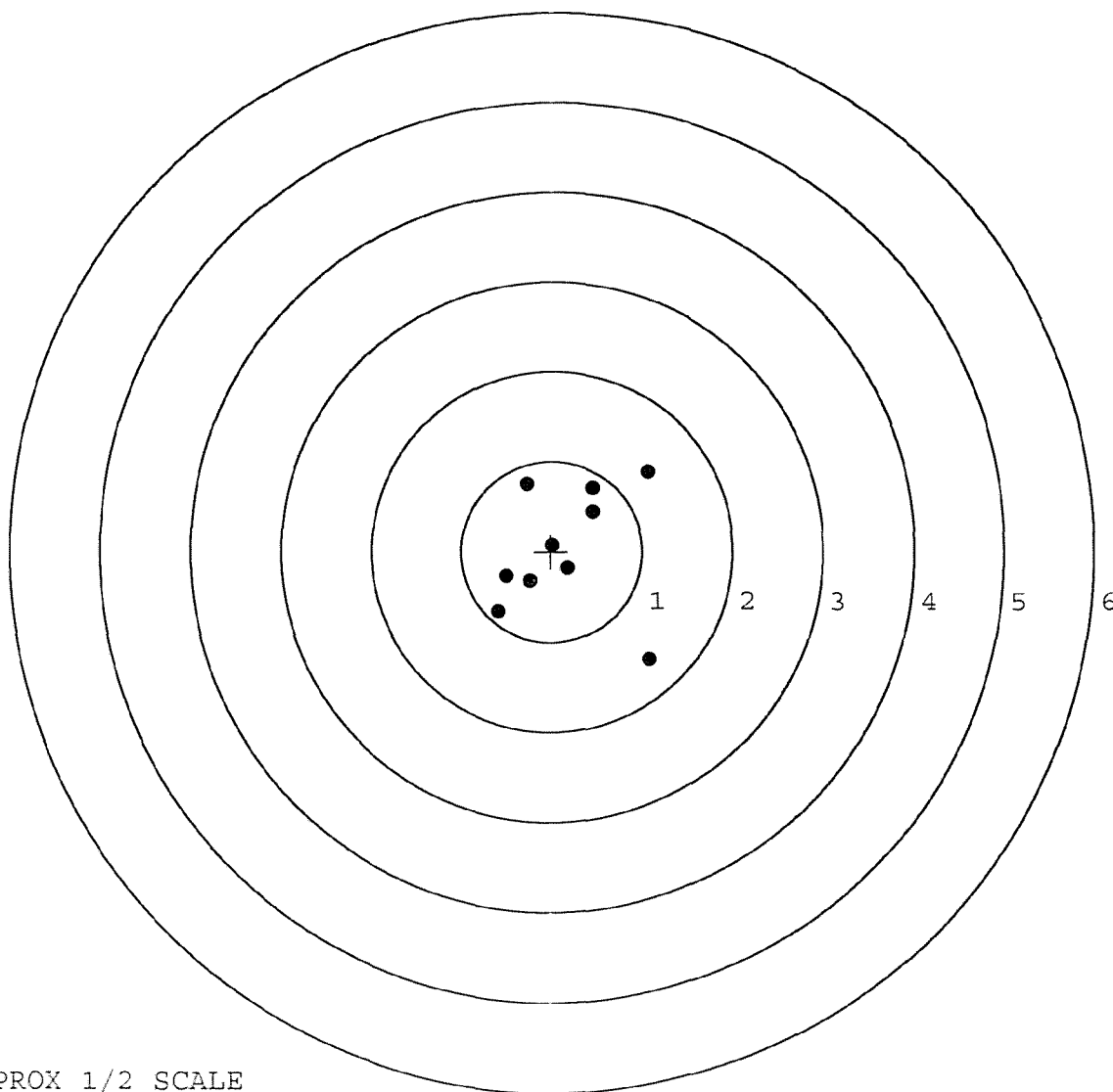
MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.066	0.879
2:	0.457	0.704
3:	0.459	0.440
4:	0.183	-0.185
5:	0.016	0.071
6:	-0.495	-0.273
7:	-0.234	-0.326
8:	-0.589	-0.661
9:	-0.267	0.751
10:	1.085	-1.205



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 34334

SERIAL NUMBER C661 1408

LOG-IN DATE 10-22-01

[illegible]



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

MODEL 700TM M24

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

20

SERIAL NO.	C6611408
ORDER NO.	5716



5716 C6611408

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611408

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		91	RW
600	Proof	1 25	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun		91	RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	FB
618	Polish Barrel <i>ABB</i>	1 30	91	WB
620	Apply Coatings (Barrel Action)		2-10-91	TS
	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		2/15/91	JS

op. #	BARBER M24 0076361	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			7/16/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			7/16/91	WB
	H) Trigger Pull Test & Retainability						2/15/91	SH
	I) Firing Pin Indent	.020	.020	.020			7/16/91	WB
	J) Assemble Stock						2/16/91	Rev
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/16/91	Rev
	M) Iron Sight Alignment						2/16/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	Rev
	O) Attach Scope to Rifle						2/16/91	Rev
	P) Detach & Attach Scope 20 Times						2/16/91	Rev
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							
	A) Headspace						2-25-91	A
	B) Trigger Pull	2.33	2.33	2.28	2.32	2.34	2/21/91	SH
	C) Function						2-25-91	A
660	Pack						3-19-91	VF

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

SERIAL NO. _____

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.21	2.33	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.11	2.21	2.33	
PULL #3	2.32	2.25	2.30	2.28	
PULL #4	2.33	2.30	2.28	2.32	
PULL #5	2.44	2.24	2.25	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.36		
PULL #2	3.27	3.37		
PULL #3	3.28	3.51		
PULL #4	3.19	3.42		
PULL #5	3.24	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.44		4.40
PULL #2	4.45	4.42		4.35
PULL #3	4.27	4.44		4.45
PULL #4	4.33	4.22		4.49
PULL #5	4.56	4.32		4.40
TOTAL				
AVG.				

ENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611408
18 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.342475
1 TO	2	.1847
1 TO	3	.292746
1 TO	4	.568705
1 TO	5	.106569

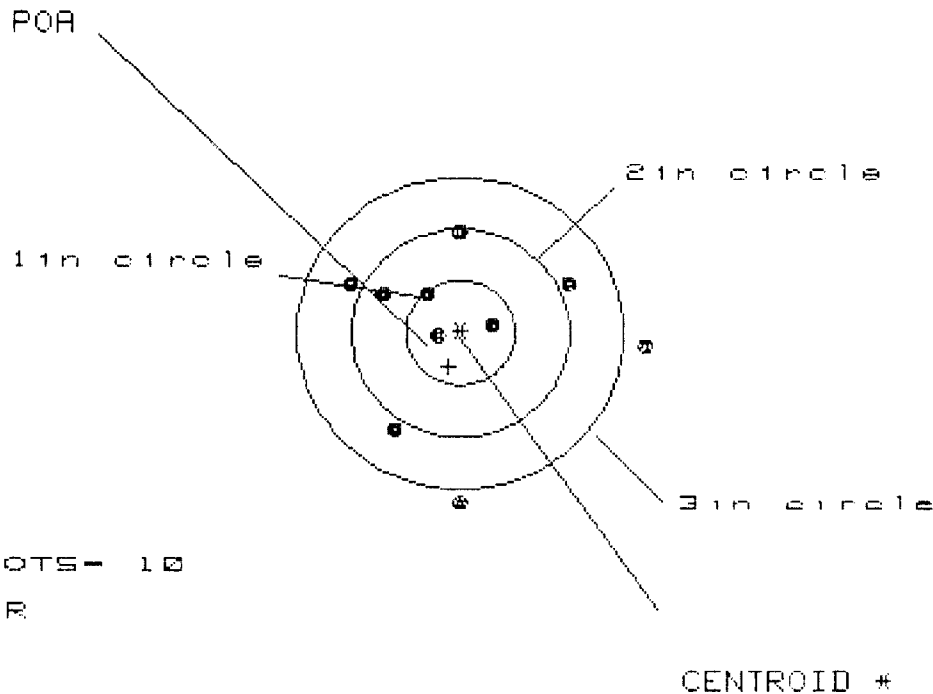
$\frac{32}{P_4}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1874
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1652
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24982
THE AMR FOR THIS RIFLE IS: .943

3 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611403

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.747

VS= 2.600

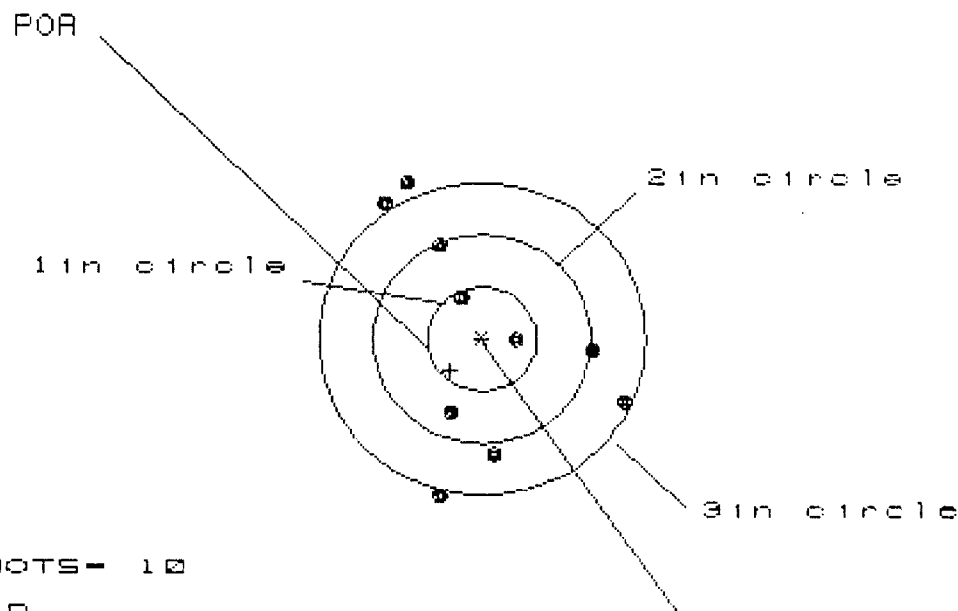
GS= 2.803

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.726	1.147	1.172
MINIMUM X	-1.021	-.829	-.804
MAXIMUM Y	.976	.967	.762
MINIMUM Y	-1.624	-1.633	-1.116
CENTROID X	.108	-.084	-.109
CENTROID Y	.325	.334	.538
POA TO CENTROID in.	.343	.345	.549
MIN RADIUS	.257	.082	.173
MEAN RADIUS	.946	.822	.691
MAX RADIUS	1.728	1.646	1.192
HORIZONTAL SPREAD	2.747	1.976	1.976
VERTICAL SPREAD	2.600	2.600	1.879
EXTREME SPREAD	2.803	2.600	2.061
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

10 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611408

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.176

VS= 2.995

GS= 3.007

CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.258	1.144
MINIMUM X	:	-.845	-.918	-.574
MAXIMUM Y	:	1.486	1.485	1.226
MINIMUM Y	:	-1.509	-1.344	-1.158
CENTROID X	:	.291	.364	.478
CENTROID Y	:	.300	.135	-.051
POA TO CENTROID in.	:	.418	.388	.481
MIN RADIUS	:	.319	.274	.336
MEAN RADIUS	:	1.072	.995	.886
MAX RADIUS	:	1.623	1.746	1.351
HORIZONTAL SPREAD	:	2.176	2.176	1.718
VERTICAL SPREAD	:	2.995	2.829	2.384
EXTREME SPREAD	:	3.007	2.933	2.384
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611488

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.000

VS= 3.084

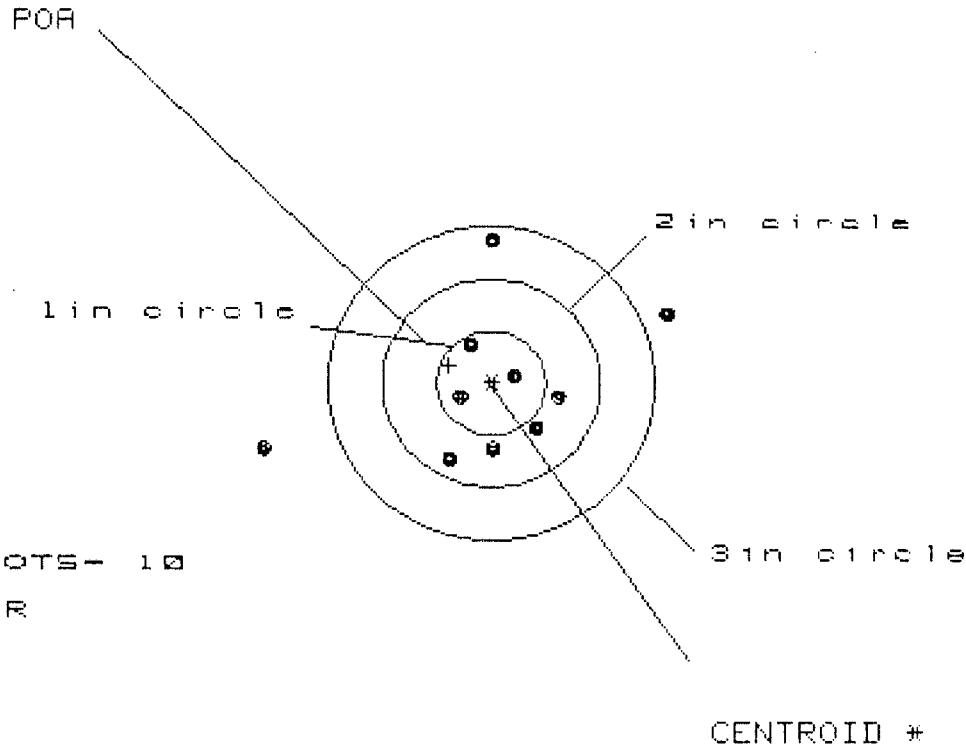
GS= 3.084

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.664	.737	.803
MINIMUM X	:	-1.136	-1.063	-.971
MAXIMUM Y	:	1.319	1.123	.722
MINIMUM Y	:	-1.765	-.815	-.674
CENTROID X	:	.148	.075	-.017
CENTROID Y	:	.035	.231	.090
POA TO CENTROID in.	:	.152	.243	.092
MIN RADIUS	:	.396	.299	.222
MEAN RADIUS	:	.884	.744	.670
MAX RADIUS	:	1.882	1.343	1.167
HORIZONTAL SPREAD	:	1.800	1.800	1.774
VERTICAL SPREAD	:	3.084	1.938	1.397
EXTREME SPREAD	:	3.084	2.625	1.948
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811408

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 3.636

VS= 2.059

GS= 3.876

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.567	1.337	.563
MINIMUM X	:	-2.069	-.657	-.490
MAXIMUM Y	:	1.378	1.306	1.383
MINIMUM Y	:	-.681	-.753	-.676
CENTROID X	:	.388	.618	.451
CENTROID Y	:	-.170	-.098	-.175
POA TO CENTROID in.	:	.424	.626	.484
MIN RADIUS	:	.270	.039	.216
MEAN RADIUS	:	.889	.725	.620
MAX RADIUS	:	2.171	1.472	1.383
HORIZONTAL SPREAD	:	3.636	1.994	1.053
VERTICAL SPREAD	:	2.059	2.059	2.059
EXTREME SPREAD	:	3.876	2.419	2.107
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811408

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.368

VS = 2.244

GS = 2.815

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.462	1.361	1.199
MINIMUM X	-.906	-.976	-.805
MAXIMUM Y	1.006	.869	.887
MINIMUM Y	-1.238	-1.167	-1.148
CENTROID X	.002	.103	-.068
CENTROID Y	.336	.474	.455
POA TO CENTROID in.	.337	.485	.460
MIN RADIUS	.294	.264	.157
MEAN RADIUS	.924	.852	.742
MAX RADIUS	1.534	1.369	1.273
HORIZONTAL SPREAD	2.368	2.337	2.004
VERTICAL SPREAD	2.244	2.036	2.036
EXTREME SPREAD	2.815	2.355	2.168
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	