

C6611734

MODEL 700TM M24

Model **SWS** TM

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: **RE00034892** Serial: C6611734 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/1/01 9:27:08 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: C CO 2/3RD SFGA C CO 2/3RD SFGA

Address 1: Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information:

Phone: Fax: Email: Comments:

Received Condition:

Condition: Poor

Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
4007	With Stud	1
4016	Scope Mounts	1
4017	Scope Base	1
4025	Scope	1

Repair Search Refresh Close

11/1/01 9:49 AM CAPS NUM RS SCHL

Start Inbox - M... Calendar... Microsoft... NJBGS C... Arms S... 9:49 AM

Serial Number: **C6611734**

Model: **700**



RE00034892

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611734.___0
FILE DATE AND TIME: 11/27/2001 02:53

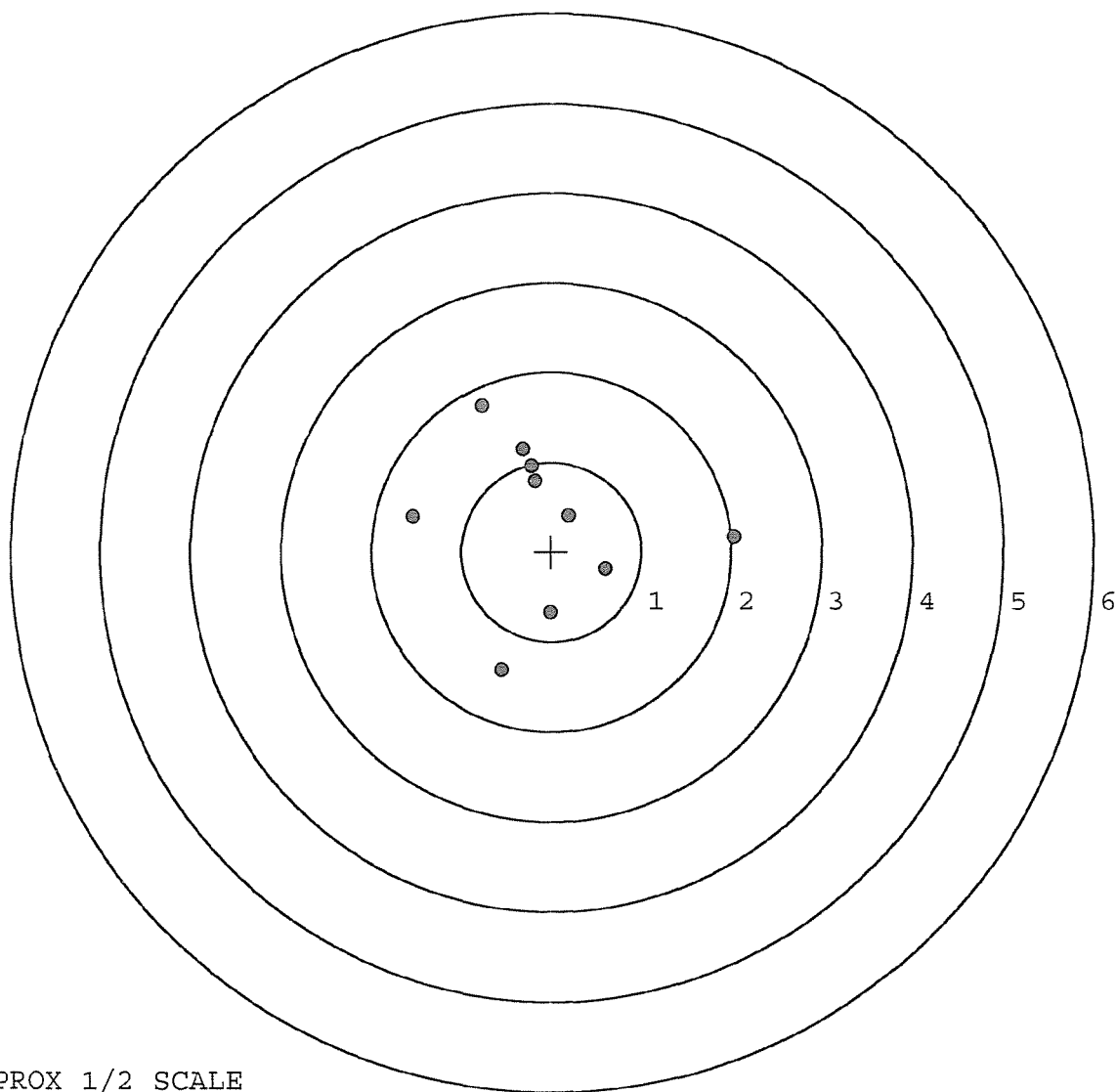
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.013
The Average Y Centroid of the Five Target Set:	0.115
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	1.098
The Distance from POA to Centroid Target #1:	0.338
The Distance from Centroid Target #2 to Centroid Target #1:	0.347
The Distance from Centroid Target #3 to Centroid Target #1:	0.221
The Distance from Centroid Target #4 to Centroid Target #1:	0.229
The Distance from Centroid Target #5 to Centroid Target #1:	0.583

SERIAL NUMBER: C6611734. __0
TARGET NUMBER: 1
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID: -0.078
Y CENTROID: 0.329
POA TO CENTROID: 0.338
HORZ SPREAD: 3.566
VERT SPREAD: 2.948
GROUP SPREAD: 3.573
MIN RADIUS: 0.278
MAX RADIUS: 2.110
MEAN RADIUS: 1.088
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	2.026	0.170
2:	0.603	-0.189
3:	-0.012	-0.683
4:	-0.551	-1.322
5:	-1.540	0.388
6:	0.190	0.404
7:	-0.180	0.793
8:	-0.220	0.957
9:	-0.319	1.143
10:	-0.776	1.626

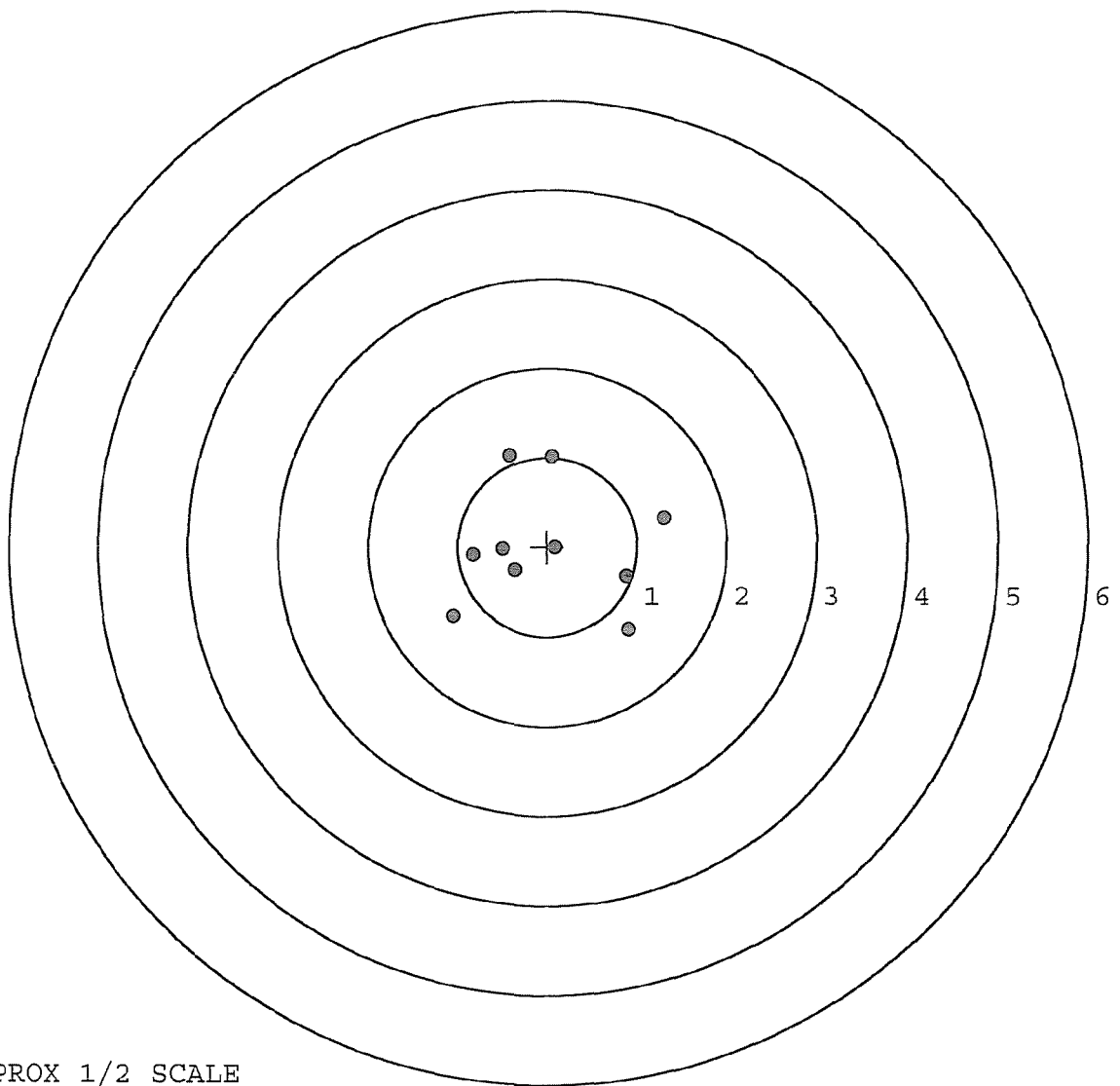


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734. __0
TARGET NUMBER: 2
FILE DATE: 11/27/2001
FILE TIME: 02:53

X CENTROID: 0.006
Y CENTROID: -0.008
POA TO CENTROID: 0.010
HORZ SPREAD: 2.343
VERT SPREAD: 1.942
GROUP SPREAD: 2.591
MIN RADIUS: 0.086
MAX RADIUS: 1.330
MEAN RADIUS: 0.888
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.429	1.018
2:	0.052	1.013
3:	1.294	0.326
4:	0.910	-0.924
5:	0.885	-0.333
6:	0.092	-0.007
7:	-1.049	-0.780
8:	-0.364	-0.265
9:	-0.498	-0.031
10:	-0.830	-0.095



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734. 0

TARGET NUMBER: 3

FILE DATE: 11/27/2001

FILE TIME: 02:53

POINT#	X	Y
1:	1.384	0.667
2:	0.652	-0.262
3:	0.264	0.640
4:	-0.522	-0.982
5:	-0.840	-0.387
6:	-0.639	-0.033
7:	-0.497	-0.035
8:	-0.342	0.184
9:	-0.665	0.841
10:	-0.772	0.794

X CENTROID: -0.198

Y CENTROID: 0.143

POA TO CENTROID: 0.244

HORZ SPREAD: 2.224

VERT SPREAD: 1.823

GROUP SPREAD: 2.520

MIN RADIUS: 0.150

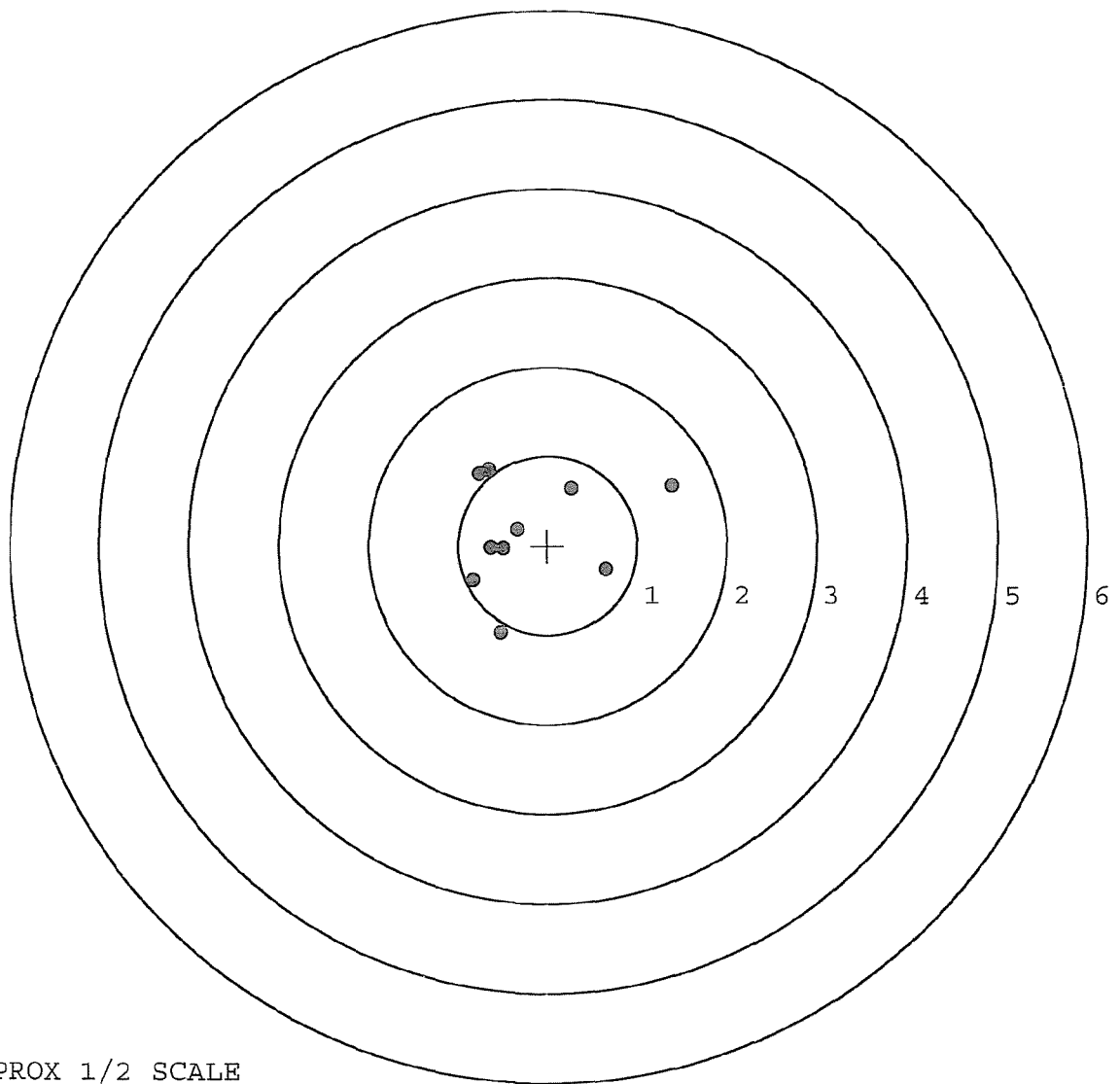
MAX RADIUS: 1.666

MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734. 0

TARGET NUMBER: 4

FILE DATE: 11/27/2001

FILE TIME: 02:53

POINT#	X	Y
--------	---	---

1:	1.400	1.769
----	-------	-------

2:	1.465	1.349
----	-------	-------

3:	0.920	-1.402
----	-------	--------

4:	-0.197	-1.813
----	--------	--------

5:	-0.244	-0.356
----	--------	--------

6:	0.654	-0.021
----	-------	--------

7:	-2.740	-0.220
----	--------	--------

8:	-0.152	1.123
----	--------	-------

9:	0.072	1.227
----	-------	-------

10:	0.313	1.354
-----	-------	-------

X CENTROID: 0.149

Y CENTROID: 0.301

POA TO CENTROID: 0.336

HORZ SPREAD: 4.205

VERT SPREAD: 3.582

GROUP SPREAD: 4.593

MIN RADIUS: 0.599

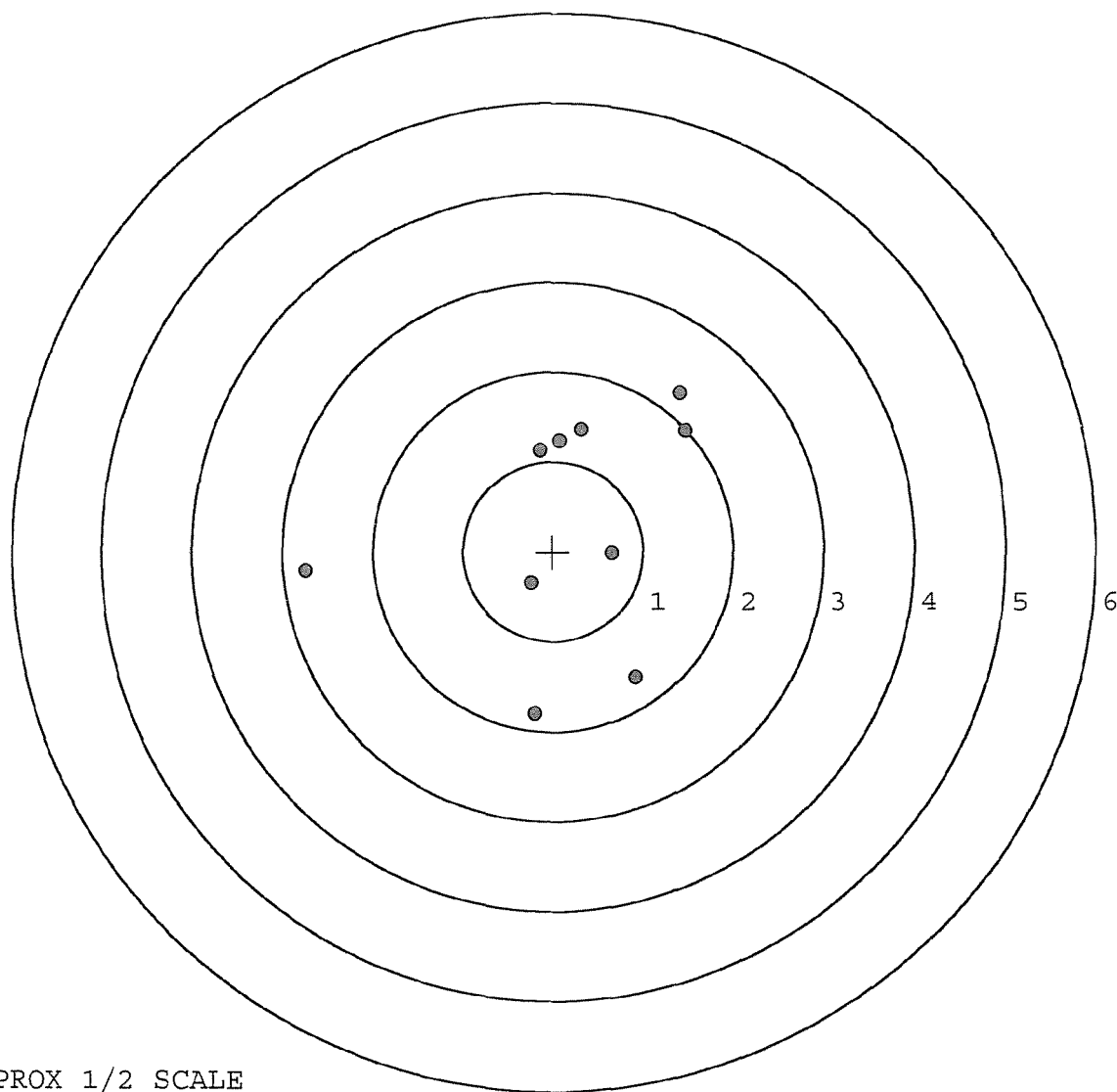
MAX RADIUS: 2.936

MEAN RADIUS: 1.479

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611734. 0

TARGET NUMBER: 5

FILE DATE: 11/27/2001

FILE TIME: 02:53

POINT#	X	Y
1:	-0.422	1.589
2:	1.752	1.041
3:	1.248	0.367
4:	0.412	0.802
5:	0.249	0.190
6:	-0.361	-0.412
7:	0.033	-1.058
8:	0.289	-1.194
9:	-0.407	-1.821
10:	-0.946	-1.423

X CENTROID: 0.185

Y CENTROID: -0.192

POA TO CENTROID: 0.266

HORZ SPREAD: 2.698

VERT SPREAD: 3.410

GROUP SPREAD: 3.654

MIN RADIUS: 0.387

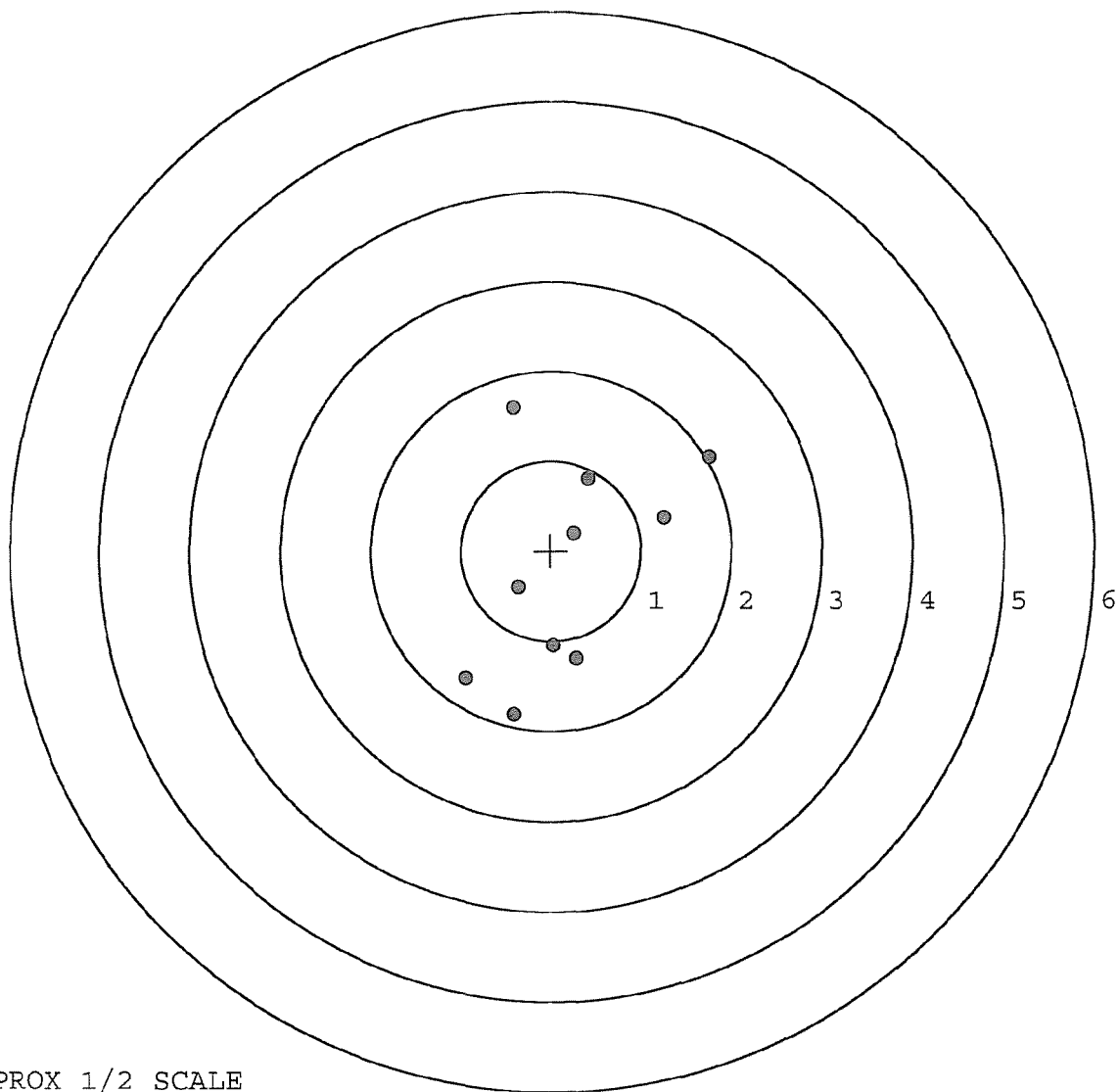
MAX RADIUS: 1.994

MEAN RADIUS: 1.236

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	34892		
SERIAL NUMBER	C6611734		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RH
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11/12	HA
618	ROTO-BLAST	11/14	HA
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	EK
655	FINAL INSPECT	11-28-01	RL
660	PACK	11-28-01	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Final Inspection

In: 0611734

DATE REC'D: 11/1/01

DATE RET'D: 11/28/01

EDITOR: fhr

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☐ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____




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

MODEL 700™ M24

SERIAL NO.
C6611734

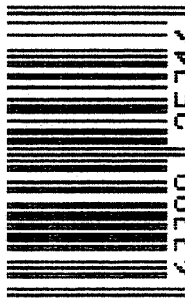
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

ORDER NO.
5716



5716 C6611734

UPC



0 47700 25716 7

Z

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611734

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	Kd
600	Proof		1/10/91	Kd
607	Check Headspace		1/10/91	Kd
610	Dis-assemble Gun		1/10/91	Kd
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		1/16/91	KR
615	Rollmark Caliber		1/16/91	YB
617	Drill and Tap Sight Holes	1 18 91		FB
618	Polish Barrel	1 18 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	FB
	Apply Coating (Bolt)			FB
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	Kd
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	Kd
	C) Inspect Ejector Hole for Chamfer		2/22/91	Kd
	D) Oil Firing Pin Ass'y		2/22/91	Kd
	E) Adjust Trigger Pull to Min Setting and Stake		2-26-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 1/4	5 1/4			2-26-91	DH
	G) Safety Off Force	3	3	3			2-26-91	DH
	H) Trigger Pull Test & Retainability						2-26-91	DH
	I) Firing Pin Indent	.021	.021	.021			2-26-91	DH
	J) Assemble Stock						2/27/91	W
	K) Assemble Swivel Studs						3/2/91	WB
	L) Attach Front and Rear Sight Assemblies						2/27/91	W
	M) Iron Sight Alignment						2/27/91	W
	N) Detach Front & Rear Sights & place in numbered container						2/27/91	W
	O) Attach Scope to Rifle						2/27/91	W
	P) Detach & Attach Scope 20 Times						2/27/91	W
640	Gallery Target & Test						3-1-91	AC
	A) Time						3-1-91	AC
	B) Malfunctions						3-1-91	AC
	C) Pierced Primers						3-1-91	AC
	D) Optical Clarity of Scope						3-1-91	AC
645	Inspect for Live Ammo						3-1-91	AC
655	Final Inspection						3/2/91	WB
	A) Headspace							
	B) Trigger Pull	8.63	2.64	2.59	2.54	2.57	3-2-91	W
	C) Function						3/2/91	WB
660	Pack						3/19/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6611734

DATE 2-26-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.33	2.70	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.33	2.68	2.64	
PULL #3	2.57	2.47	2.67	2.59	
PULL #4	2.54	2.46	2.62	2.54	
PULL #5	2.56	2.45	2.61	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.02		
PULL #2	3.01	3.07		
PULL #3	3.07	3.09		
PULL #4	3.05	3.07		
PULL #5	3.08	2.97		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.15		4.03
PULL #2	4.18	4.19		4.01
PULL #3	4.10	4.21		4.13
PULL #4	4.16	4.15		4.13
PULL #5	4.19	4.24		4.07
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611734
1 Mar 1991

CENTROIDAL DISTANCES

0 TO 1	.0562939
1 TO 2	.200524
1 TO 3	.199424
1 TO 4	.313345
1 TO 5	.0652763

-----POB

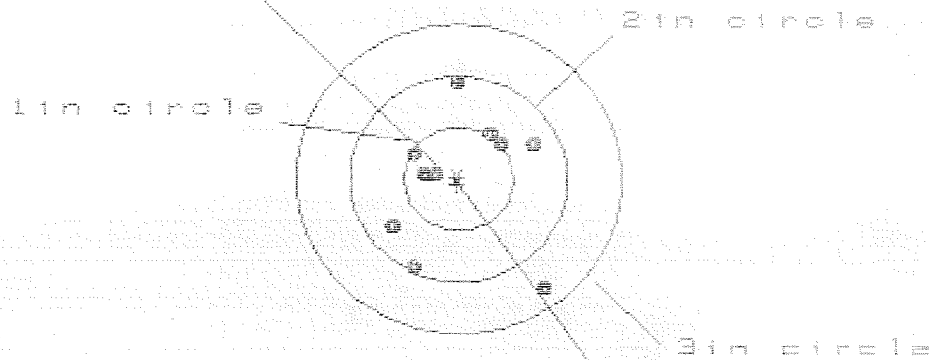
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0614
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0676
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0913221
THE AMR FOR THIS RIFLE IS: .8904

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611734

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.411

VS= 2.021

GS= 2.168

CENTROID *

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.756	.728	.685
MINIMUM X	-.655	-.571	-.614
MAXIMUM Y	.971	.854	.731
MINIMUM Y	-1.050	-.991	-.713
CENTROID X	.012	-.072	-.029
CENTROID Y	.055	.172	.295
POA TO CENTROID in.	.056	.186	.297
MIN RADIUS	.249	.185	.295
MEAN RADIUS	.692	.595	.536
MAX RADIUS	1.294	1.049	.941
HORIZONTAL SPREAD	1.411	1.299	1.299
VERTICAL SPREAD	2.021	1.845	1.444
EXTREME SPREAD	2.168	1.888	1.574
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611734

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.314

VS= 2.441

GS= 2.588

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.902

.746

.697

MINIMUM X

-1.411

-1.018

-.925

MAXIMUM Y

1.361

1.297

1.154

MINIMUM Y

-1.080

-1.144

-.765

CENTROID X

.079

.206

.143

CENTROID Y

-.134

-.070

.073

POA TO CENTROID in.

.155

.246

.161

MIN RADIUS

.385

.335

.366

MEAN RADIUS

.895

.810

.730

MAX RADIUS

1.524

1.366

1.154

HORIZONTAL SPREAD

2.314

1.764

1.622

VERTICAL SPREAD

2.441

2.441

1.919

EXTREME SPREAD

2.588

2.588

2.016

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

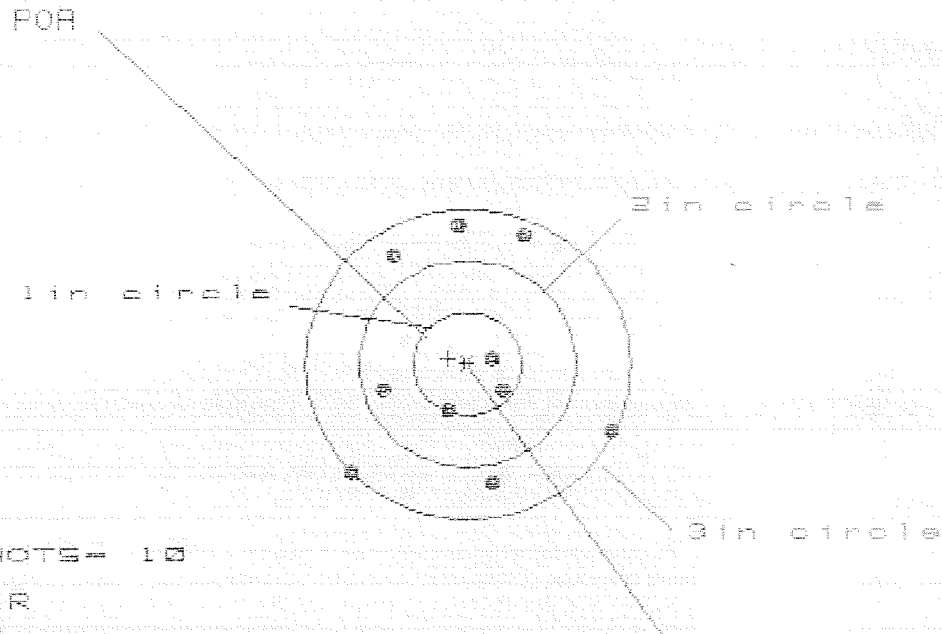
NUMBER IN THREE INCH CIRCLE =

9

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611734

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS= 2.416

VS= 2.516

GS= 2.814

CENTROID *

PATTERN #

3

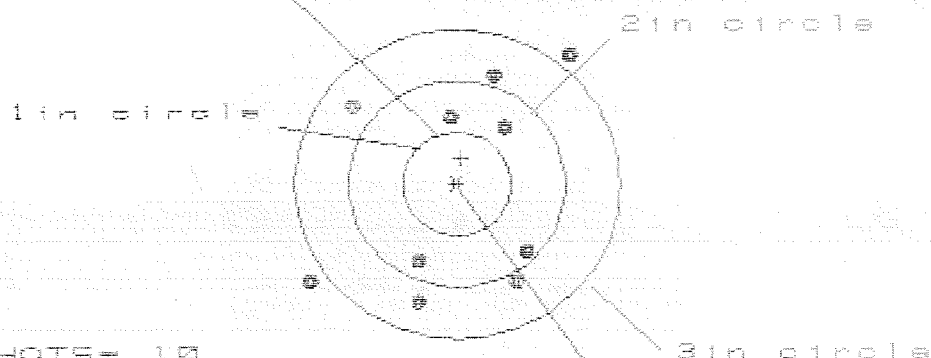
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.340	.701	.585
MINIMUM X	-1.076	-.927	-.703
MAXIMUM Y	1.380	1.306	1.171
MINIMUM Y	-1.136	-1.210	-1.345
CENTROID X	.179	.030	.146
CENTROID Y	-.054	.020	.154
POA TO CENTROID in.	.187	.036	.212
MIN RADIUS	.214	.344	.258
MEAN RADIUS	1.012	.968	.908
MAX RADIUS	1.498	1.418	1.374
HORIZONTAL SPREAD	2.416	1.628	1.288
VERTICAL SPREAD	2.516	2.516	2.516
EXTREME SPREAD	2.814	2.814	2.533
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611734

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.395

VS= 2.381

GS= 3.235

CENTROID *

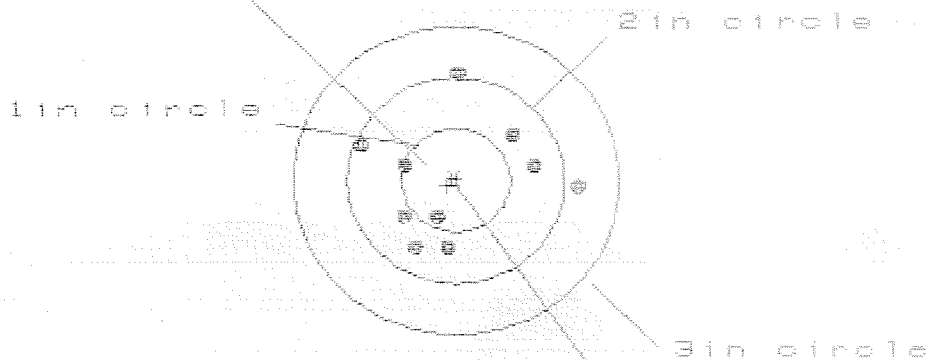
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	.783	.634
MINIMUM X	:	-1.316	-1.196	-1.028
MAXIMUM Y	:	1.251	1.239	1.141
MINIMUM Y	:	-1.130	-.991	-1.089
CENTROID X	:	-.040	-.160	-.011
CENTROID Y	:	-.254	-.393	-.295
POA TO CENTROID in.	:	.257	.424	.295
MIN RADIUS	:	.693	.647	.737
MEAN RADIUS	:	1.113	1.046	.983
MAX RADIUS	:	1.652	1.430	1.301
HORIZONTAL SPREAD	:	2.395	1.979	1.662
VERTICAL SPREAD	:	2.381	2.230	2.230
EXTREME SPREAD	:	3.235	2.605	2.320
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6E11734

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.029

VS= 1.678

GS= 2.061

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	.894	.915
MINIMUM X	:	-.911	-.787	-.766
MAXIMUM Y	:	1.027	1.022	.524
MINIMUM Y	:	-.651	-.656	-.528
CENTROID X	:	.077	-.047	-.068
CENTROID Y	:	.049	.054	-.074
POA TO CENTROID IN.	:	.091	.072	.100
MIN RADIUS	:	.404	.351	.256
MEAN RADIUS	:	.740	.679	.604
MAX RADIUS	:	1.119	1.036	.948
HORIZONTAL SPREAD	:	2.029	1.681	1.681
VERTICAL SPREAD	:	1.678	1.678	1.052
EXTREME SPREAD	:	2.061	1.729	1.692
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	