

C6348740

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*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: RE00137980

Serial: C6348740 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status:

New 12/5/2007 10:03:00 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: ACO 3-1 SFG (A)

ACO 3-1 SFG (A)

Address 1:

Address 2:

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A057	Fit and Rear Sgt Base	1
D000	MARS	1

Repair Search

Refresh

Close

naglej

12/6/2007

10:16 AM

CAPS

NUM

INS

SCRL

start

6 Mic...

8 Int...

Part S...

Arms S...

Micros...

Stock...

10:16 AM

Serial Number: C6348740

Model: M24 SWS



RE00137980

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER

137980

SERIAL NUMBER

C6348740

LOG-IN DATE

12-5-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-26-07	RTZ
505	RE-BARREL	1-2-08	RTZ
560	ASSEMBLE	1-2-08	RTZ
600	PROOF	1-3-08	TRW
605	CHECK HEADSPACE	1-3-08	TRW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	1-8-08	JB
510	DRILL AND TAP	1-7-08	TRW
615	ROLLMARK CALIBER	1-7-08	CW
618	ROTO-BLAST	1-8-08	LV
620	APPLY COATINGS	1/9/08	RB
625	FINAL ASSEMBLY	1-11-08	RTZ
640	FUNCTION TEST AND	1-14-08	TRW
650	TARGET	1-14-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-14-08	FM
	A) HEADSPACE	1-16-08	DA
		1-16-08	DA
	B) TRIGGER PULL	295 3.00 290 295 3.00 1-16-08	DA
680	F) SAFETY ON FORCE	4.0 3.5 3.5 1-16-08	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.5 1-16-08	DA
	I) FIRING PIN INDENT	.024 .025 .024 1-16-08	DA
690	PACK	1-27-08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348740.___0
FILE DATE AND TIME: 01/15/2008 09:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

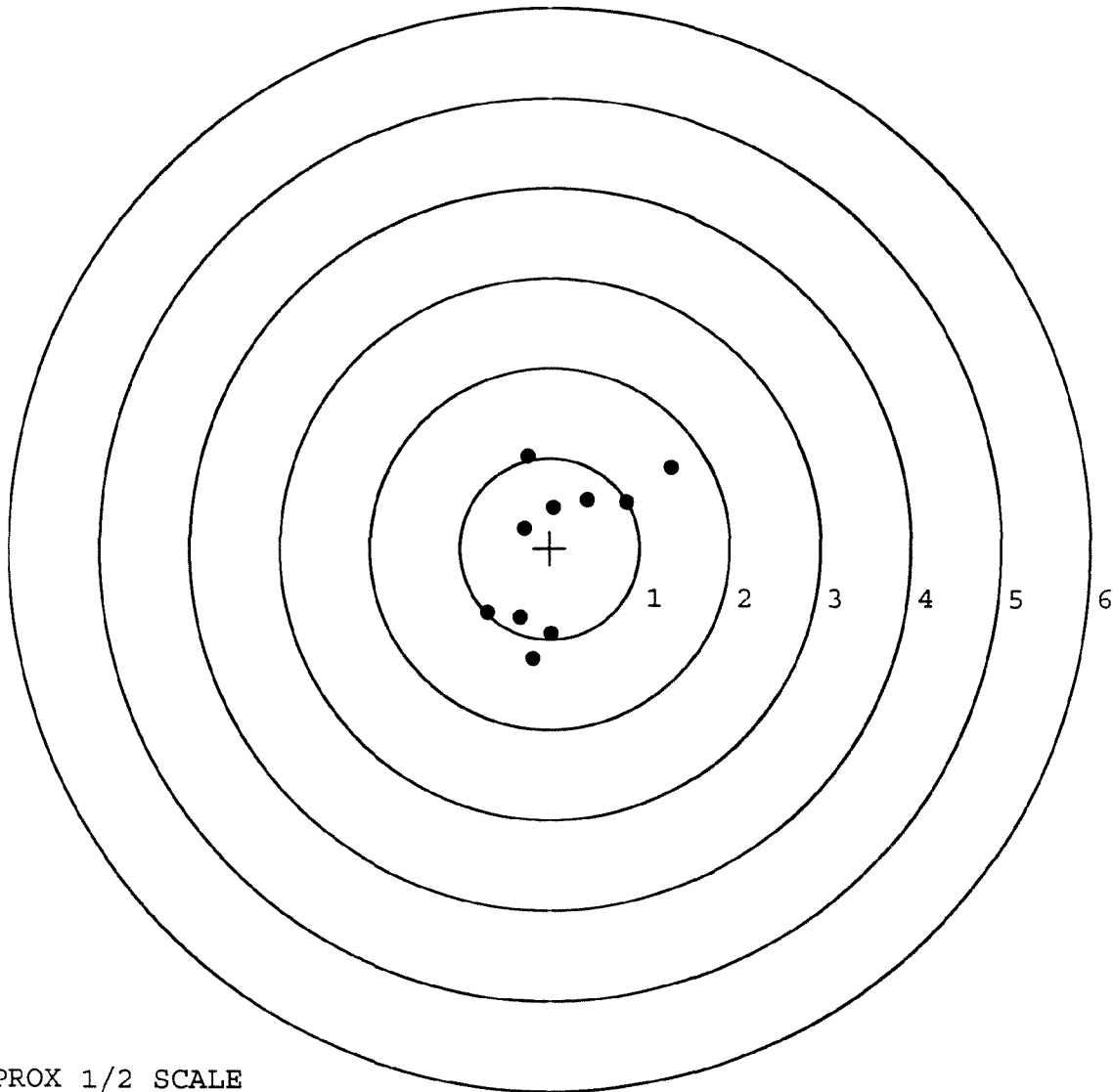
The Average X Centroid of the Five Target Set:	0.028
The Average Y Centroid of the Five Target Set:	0.037
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.072
The Distance from Centroid Target #4 to Centroid Target #1:	0.167
The Distance from Centroid Target #5 to Centroid Target #1:	0.157

BARBER - M24 0062807

SERIAL NUMBER: C6348740. __0
 TARGET NUMBER: 1
 FILE DATE: 01/15/2008
 FILE TIME: 09:33

POINT#	X	Y
1:	-0.191	-1.220
2:	0.017	-0.944
3:	-0.328	-0.763
4:	-0.696	-0.708
5:	-0.289	0.215
6:	0.040	0.450
7:	0.420	0.527
8:	0.857	0.506
9:	1.347	0.890
10:	-0.242	1.017

X CENTROID: 0.093
 Y CENTROID: -0.003
 POA TO CENTROID: 0.094
 HORZ SPREAD: 2.043
 VERT SPREAD: 2.237
 GROUP SPREAD: 2.611
 MIN RADIUS: 0.440
 MAX RADIUS: 1.539
 MEAN RADIUS: 0.917
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0062808

SERIAL NUMBER: C6348740. 0

TARGET NUMBER: 2

FILE DATE: 01/15/2008

FILE TIME: 09:33

POINT#	X	Y
1:	1.315	-0.056
2:	-0.029	-0.947
3:	0.281	-0.406
4:	-0.328	-0.062
5:	0.032	0.022
6:	0.312	0.101
7:	-0.030	0.337
8:	0.480	0.638
9:	-0.687	0.617
10:	-0.768	0.892

X CENTROID: 0.058

Y CENTROID: 0.114

POA TO CENTROID: 0.127

HORZ SPREAD: 2.083

VERT SPREAD: 1.839

GROUP SPREAD: 2.289

MIN RADIUS: 0.095

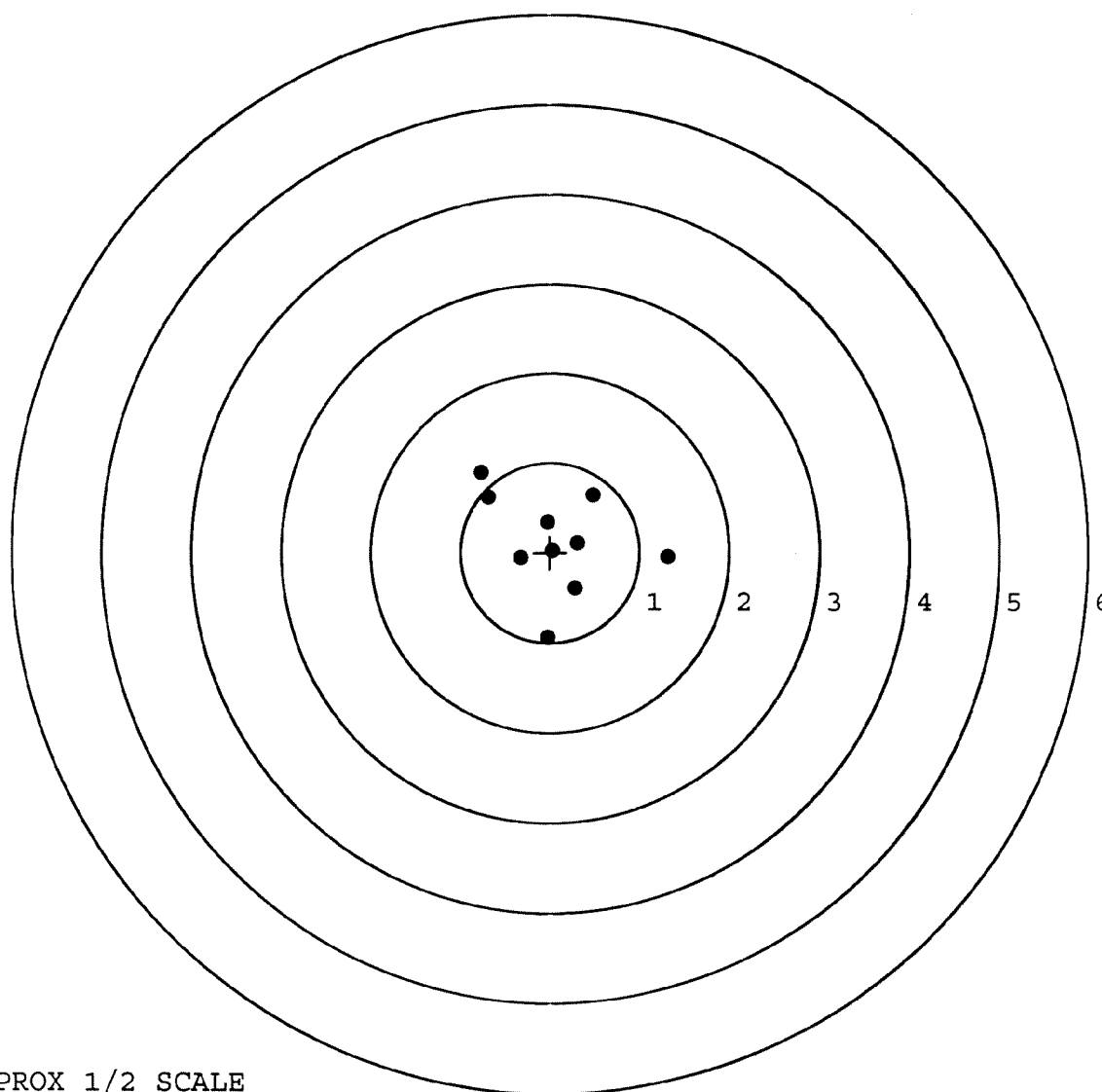
MAX RADIUS: 1.269

MEAN RADIUS: 0.662

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062809

SERIAL NUMBER: C6348740. 0

TARGET NUMBER: 3

FILE DATE: 01/15/2008

FILE TIME: 09:33

POINT#	X	Y
1:	-0.922	0.887
2:	-0.788	0.124
3:	1.085	-0.005
4:	0.636	0.488
5:	0.351	0.526
6:	0.098	0.140
7:	-0.327	-0.160
8:	-0.030	-0.607
9:	0.497	-1.191
10:	0.242	-0.951

X CENTROID: 0.084

Y CENTROID: -0.075

POA TO CENTROID: 0.113

HORZ SPREAD: 2.007

VERT SPREAD: 2.078

GROUP SPREAD: 2.516

MIN RADIUS: 0.215

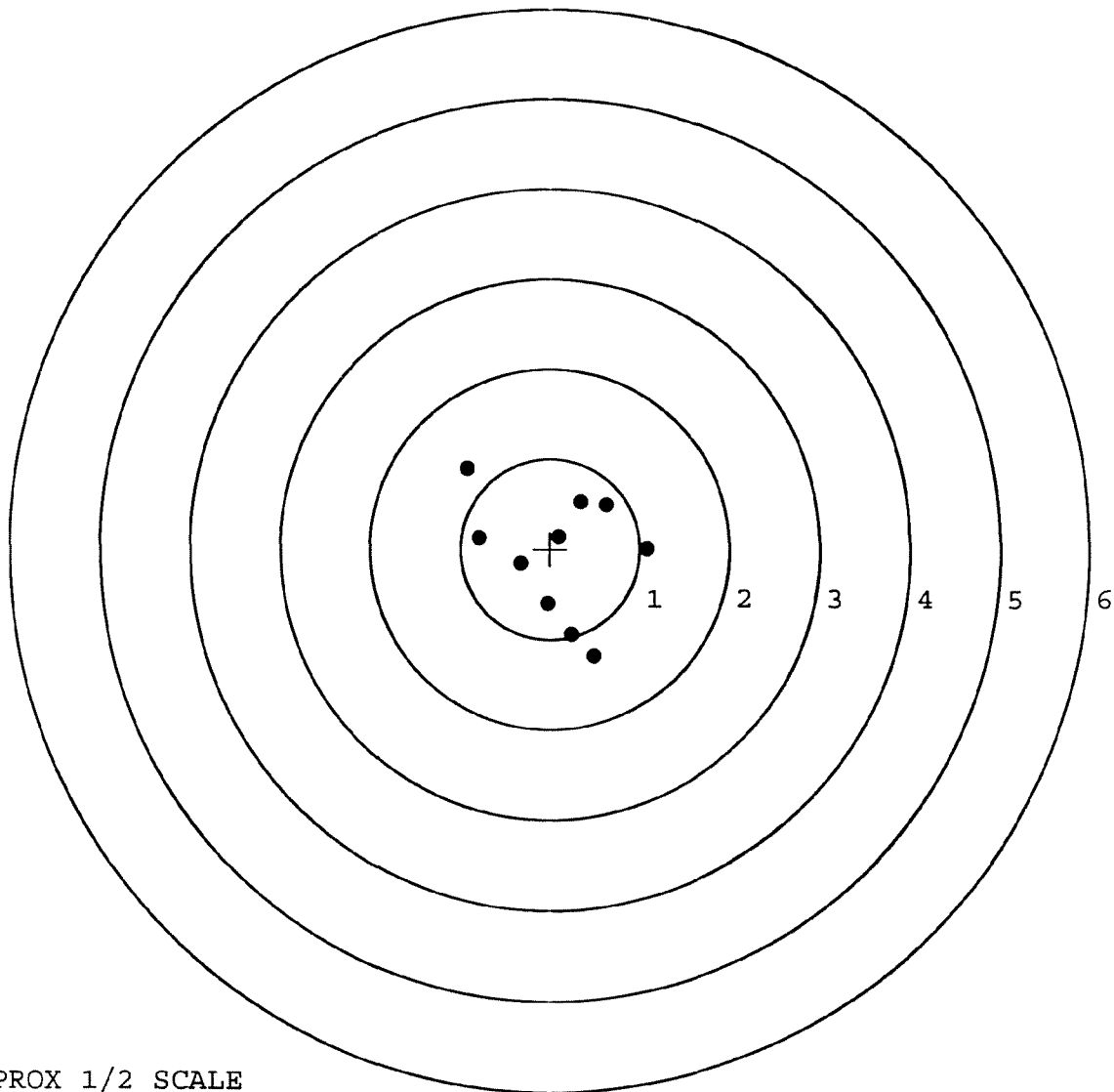
MAX RADIUS: 1.392

MEAN RADIUS: 0.800

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062810

SERIAL NUMBER: C6348740. 0

TARGET NUMBER: 4

FILE DATE: 01/15/2008

FILE TIME: 09:33

POINT#	X	Y
1:	-1.232	0.548
2:	0.100	1.000
3:	0.958	0.874
4:	-0.235	0.362
5:	0.595	-0.087
6:	0.193	-0.748
7:	-0.031	-0.533
8:	-0.410	-0.700
9:	-0.070	0.018
10:	-0.379	0.072

X CENTROID: -0.051

Y CENTROID: 0.081

POA TO CENTROID: 0.095

HORZ SPREAD: 2.190

VERT SPREAD: 1.748

GROUP SPREAD: 2.214

MIN RADIUS: 0.065

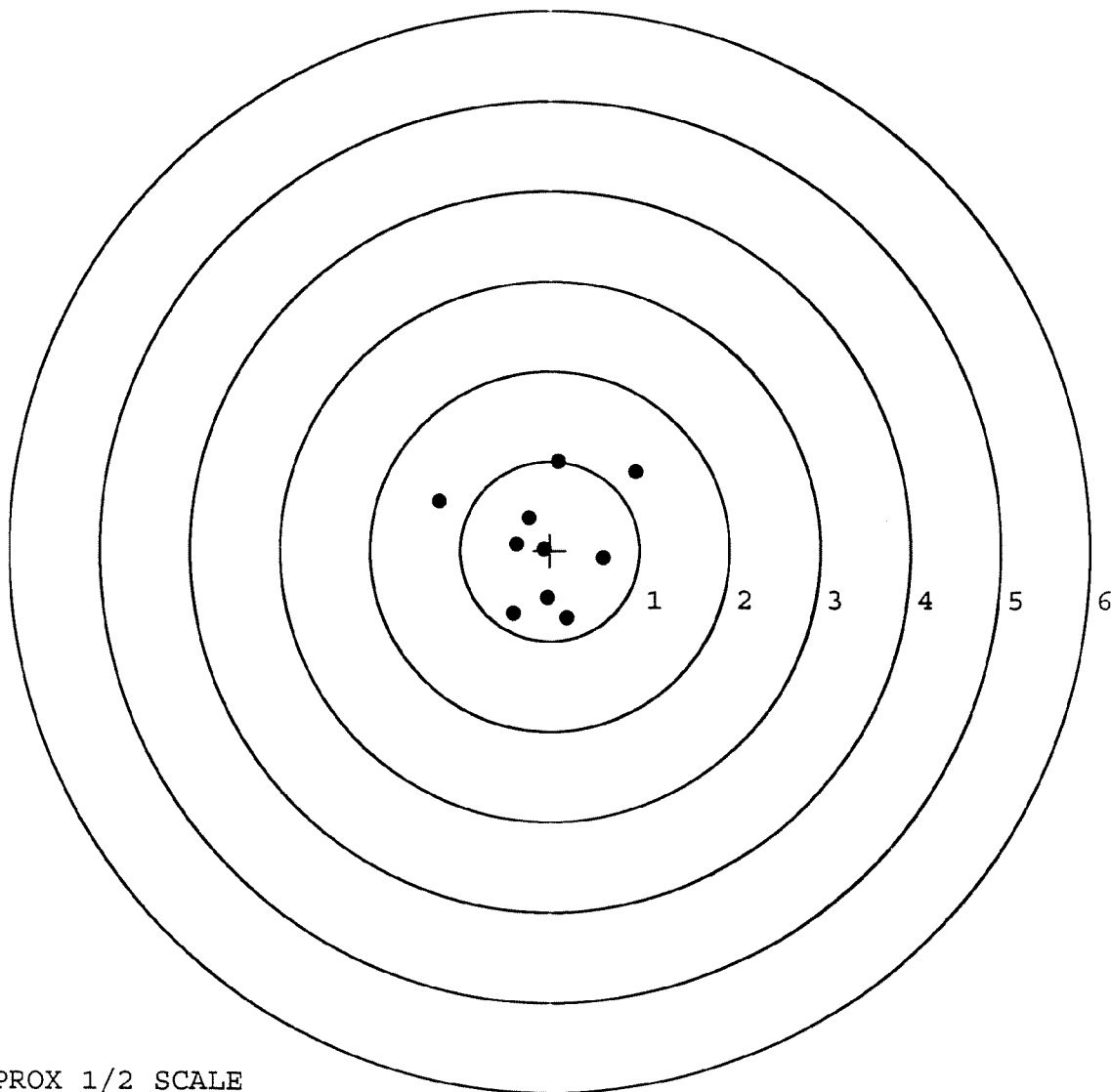
MAX RADIUS: 1.284

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062811

SERIAL NUMBER: C6348740. __0

TARGET NUMBER: 5

FILE DATE: 01/15/2008

FILE TIME: 09:33

POINT#	X	Y
1:	0.613	0.879
2:	0.597	0.262
3:	0.294	0.182
4:	-1.146	-0.061
5:	-0.491	0.144
6:	-0.135	0.241
7:	-0.375	-0.433
8:	0.321	-0.271
9:	-0.157	-0.035
10:	0.021	-0.216

X CENTROID: -0.046

Y CENTROID: 0.069

POA TO CENTROID: 0.083

HORZ SPREAD: 1.759

VERT SPREAD: 1.312

GROUP SPREAD: 1.994

MIN RADIUS: 0.152

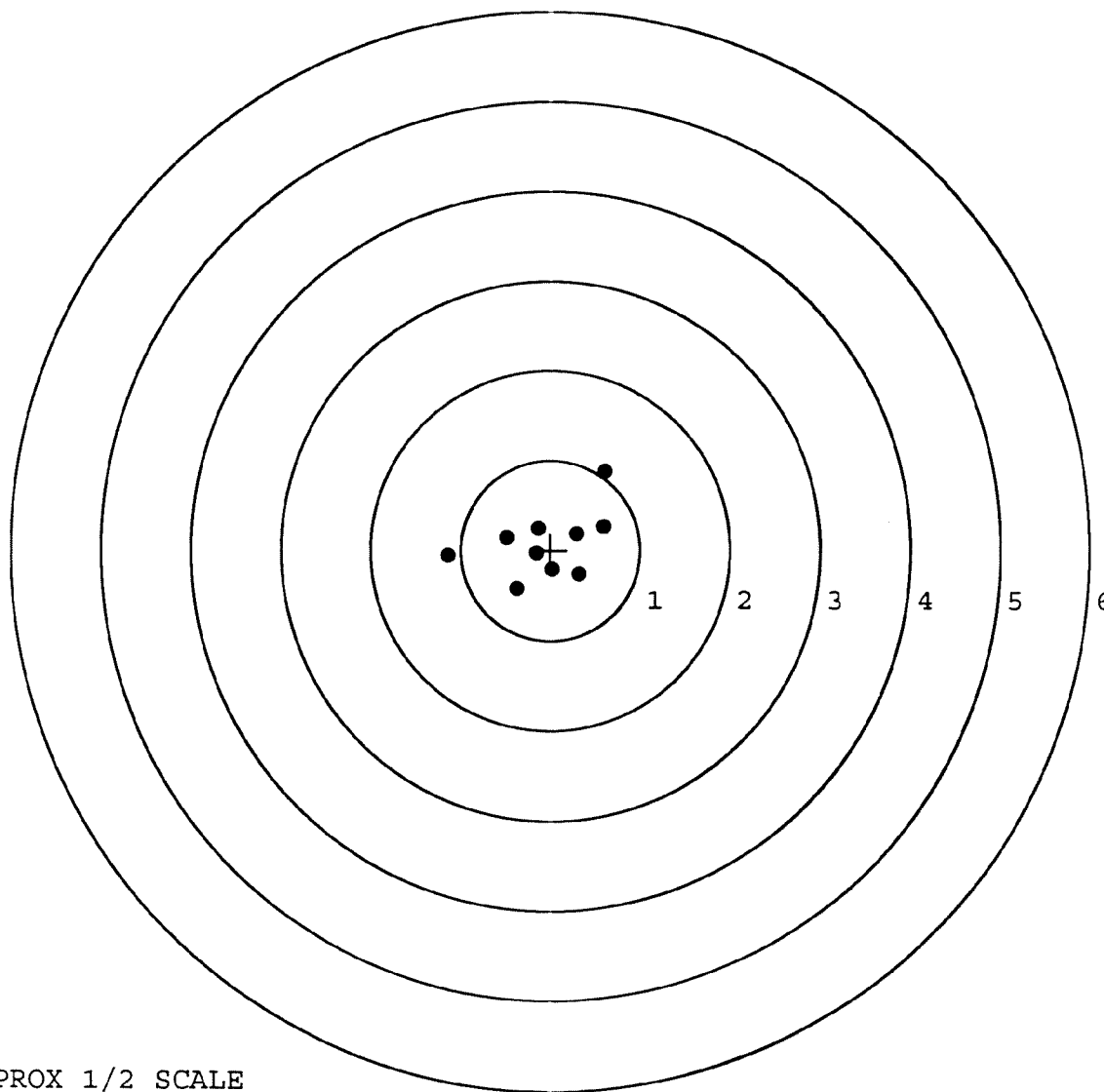
MAX RADIUS: 1.108

MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

To Whom It May Concern:

Both of these weapons (M-24, C6348740 and C6225108) became my responsibility in January of 2007. Neither of them had an accurate round count so therefore I had to half-life both of them. Since then they have both had 2000 rounds put through them which puts my round count at 4500 rounds. Do to our upcoming deployment to Iraq it is essential that we get new barrels to ensure accuracy and longevity of these sniper systems throughout our deployment.

Thank you,
SSG Richardson, Corey L.
ODA 174, 3-1 SFG (A)
(253) 219-1987

SSG Esley, Christopher
Company Supply Sergeant
(253) 967-8991/8851

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: **RE00052612** Serial: **C6348740** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW/S)** Repairman:
 Verify Repair Status: **Closed 9/19/02 2:42:29 PM**

Address Information

Customer: **A CO** Received From: **A CO** Return To: **A CO**
 Address 1: **3/1 SFG (A)** Address 2: PO Box:
 City: **FORT BRAGG** 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** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	QU
A007	With Stud	1
X	FRT & REAR SGT BA	1

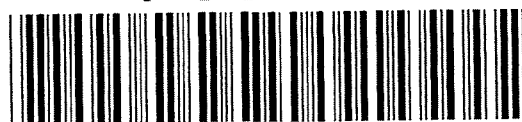
Repair Search **Refresh** **Close**

neglet 9/19/02 3:24 PM CAPS NUM INS SCFL

Start [Icons] 3:24 PM

Serial Number: **C6348740**

Model: **700**



RE00052612

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

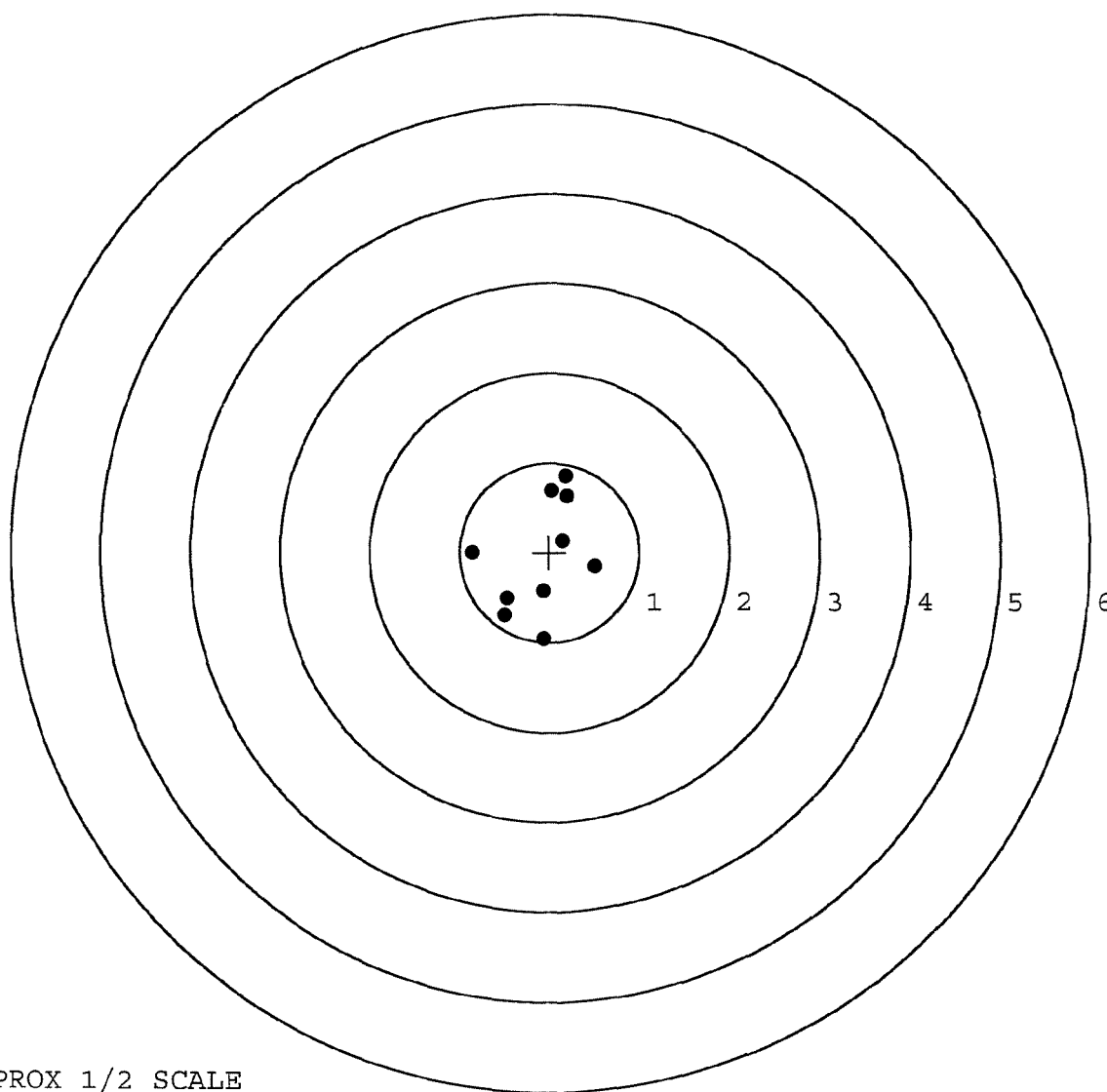
FIREARM SERIAL NUMBER / DATASET NAME: C6348740.___0
FILE DATE AND TIME: 10/11/2002 14:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.111
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.609
The Distance from POA to Centroid Target #1:	0.102
The Distance from Centroid Target #2 to Centroid Target #1:	0.195
The Distance from Centroid Target #3 to Centroid Target #1:	0.033
The Distance from Centroid Target #4 to Centroid Target #1:	0.128
The Distance from Centroid Target #5 to Centroid Target #1:	0.108

BARBER - M24 0062815

SERIAL NUMBER: C6348740. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.066	-0.971
FILE DATE: 10/11/2002	2:	-0.070	-0.437
FILE TIME: 14:16	3:	-0.478	-0.515
	4:	-0.494	-0.701
X CENTROID: -0.090	5:	-0.854	-0.011
Y CENTROID: -0.048	6:	0.511	-0.161
POA TO CENTROID: 0.102	7:	0.150	0.131
HORZ SPREAD: 1.365	8:	0.196	0.630
VERT SPREAD: 1.829	9:	0.022	0.693
GROUP SPREAD: 1.845	10:	0.180	0.858
MIN RADIUS: 0.300			
MAX RADIUS: 0.946			
MEAN RADIUS: 0.679			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0062816

SERIAL NUMBER: C6348740. __0

TARGET NUMBER: 2

FILE DATE: 10/11/2002

FILE TIME: 14:16

POINT#	X	Y
1:	-0.524	-1.190
2:	0.032	-0.908
3:	0.208	-0.780
4:	0.103	-0.575
5:	-0.068	-0.242
6:	-0.598	-0.336
7:	-0.350	0.025
8:	0.096	0.311
9:	0.409	0.197
10:	0.094	1.085

X CENTROID: -0.060

Y CENTROID: -0.241

POA TO CENTROID: 0.249

HORZ SPREAD: 1.007

VERT SPREAD: 2.275

GROUP SPREAD: 2.357

MIN RADIUS: 0.008

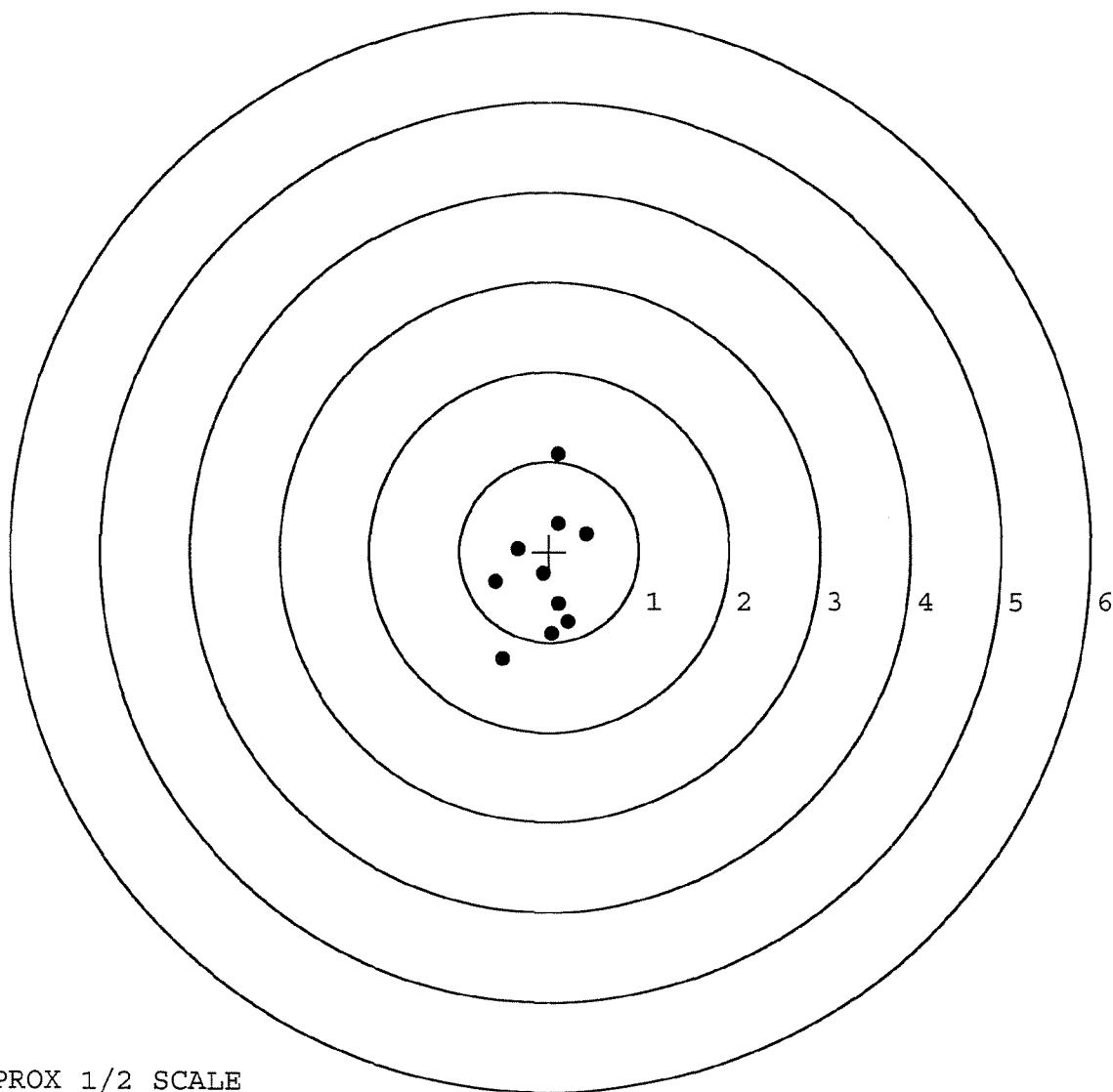
MAX RADIUS: 1.335

MEAN RADIUS: 0.620

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348740. 0

TARGET NUMBER: 3

FILE DATE: 10/11/2002

FILE TIME: 14:16

POINT#	X	Y
1:	0.628	-0.424
2:	0.510	0.189
3:	0.334	0.069
4:	0.267	-0.287
5:	-0.002	-0.312
6:	-0.282	-0.025
7:	-0.487	-0.427
8:	-0.728	0.037
9:	-0.713	0.334
10:	-0.526	0.675

X CENTROID: -0.100

Y CENTROID: -0.017

POA TO CENTROID: 0.101

HORZ SPREAD: 1.356

VERT SPREAD: 1.102

GROUP SPREAD: 1.594

MIN RADIUS: 0.182

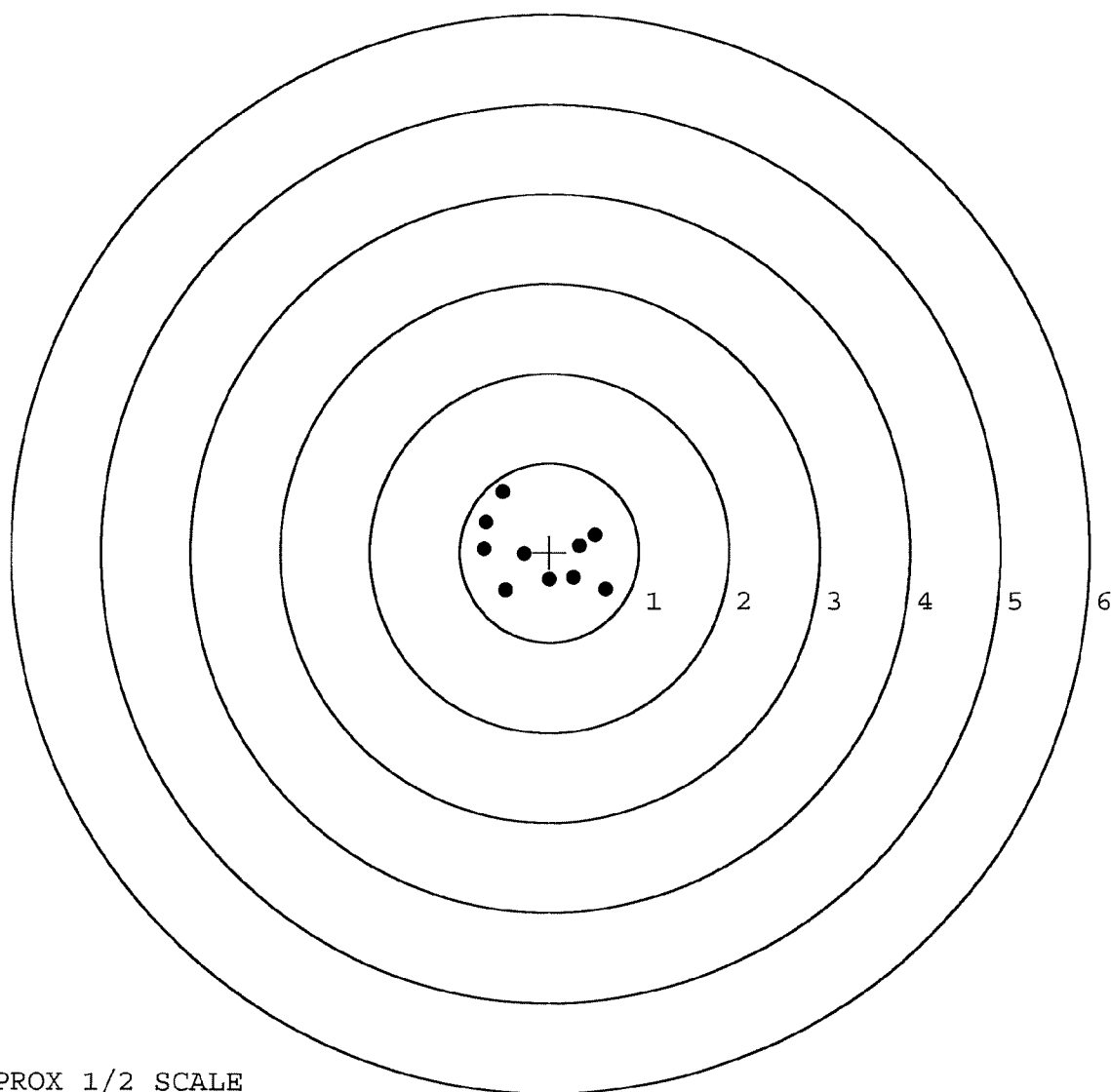
MAX RADIUS: 0.834

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



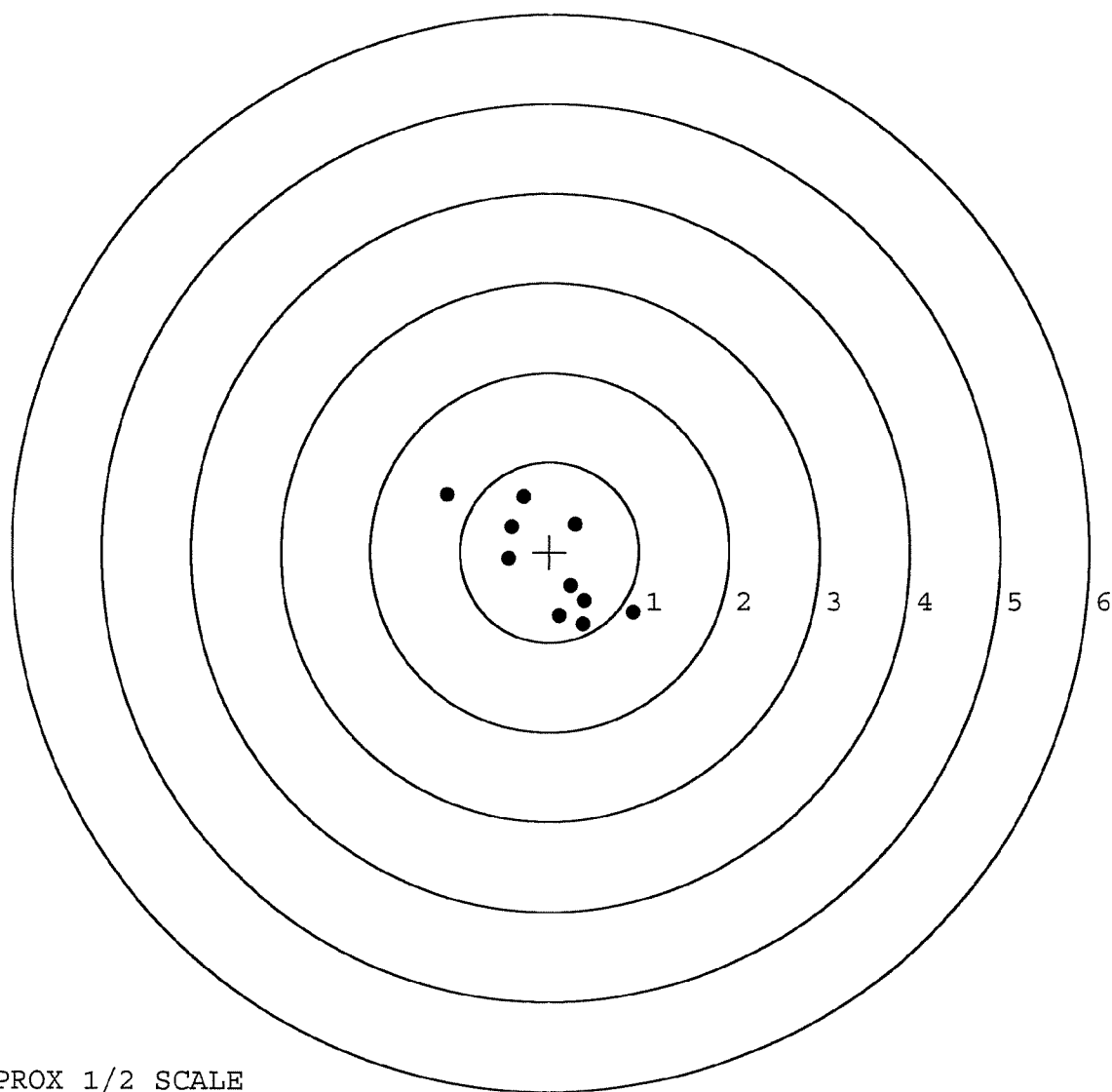
TARGET APPROX 1/2 SCALE

BARBER - M24 0062818

SERIAL NUMBER: C6348740. __0
 TARGET NUMBER: 4
 FILE DATE: 10/11/2002
 FILE TIME: 14:16

POINT#	X	Y
1:	-1.141	0.636
2:	-0.289	0.611
3:	-0.421	0.278
4:	-0.456	-0.079
5:	0.937	-0.677
6:	0.293	0.303
7:	0.237	-0.377
8:	0.389	-0.540
9:	0.112	-0.712
10:	0.377	-0.802

X CENTROID: 0.004
 Y CENTROID: -0.136
 POA TO CENTROID: 0.136
 HORZ SPREAD: 2.078
 VERT SPREAD: 1.438
 GROUP SPREAD: 2.458
 MIN RADIUS: 0.335
 MAX RADIUS: 1.381
 MEAN RADIUS: 0.709
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

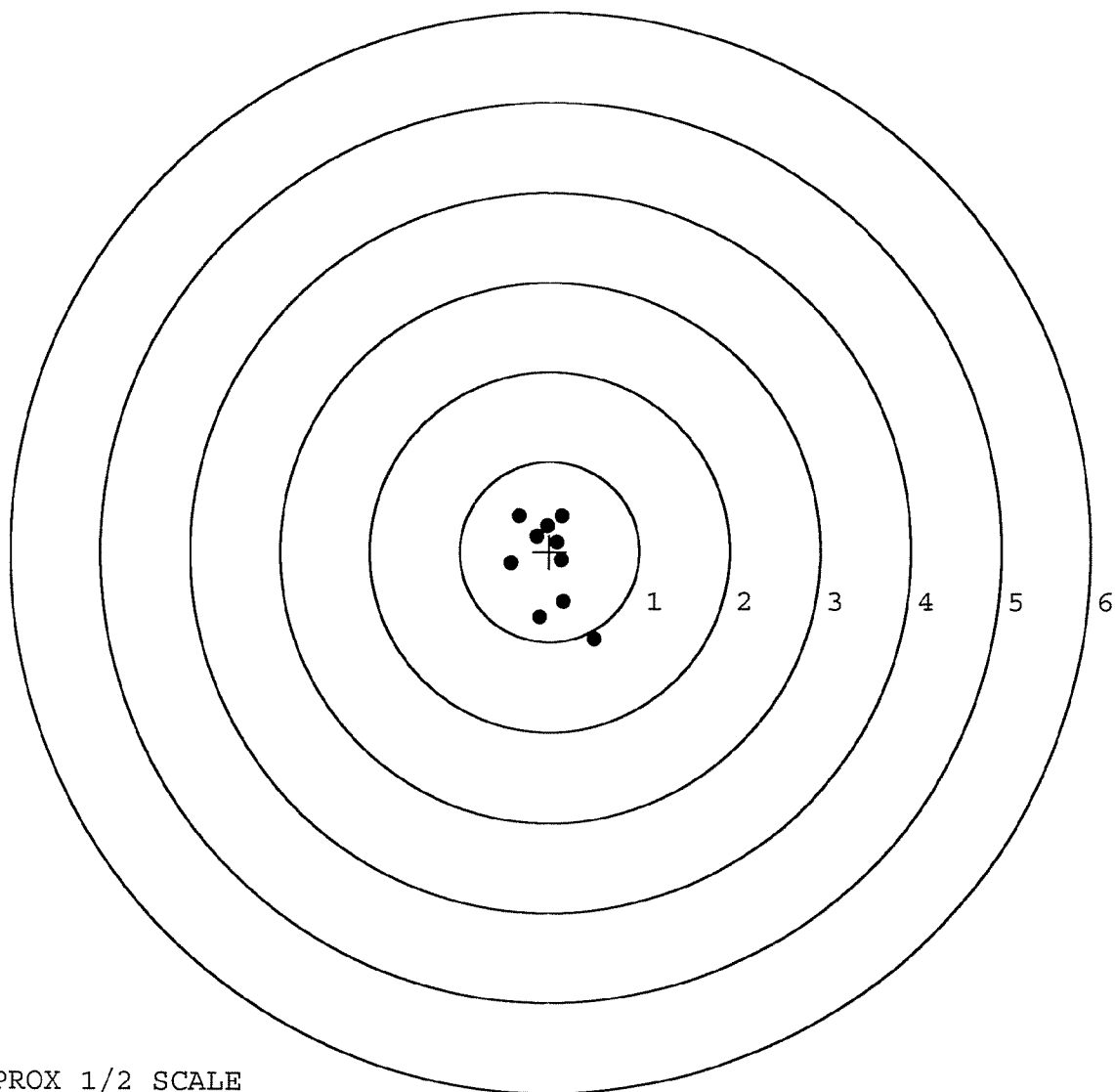


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348740. __0
 TARGET NUMBER: 5
 FILE DATE: 10/11/2002
 FILE TIME: 14:16

POINT#	X	Y
1:	0.506	-0.980
2:	-0.113	-0.728
3:	0.159	-0.558
4:	0.133	-0.096
5:	0.140	0.395
6:	-0.342	0.398
7:	-0.433	-0.127
8:	0.082	0.105
9:	-0.146	0.171
10:	-0.033	0.280

X CENTROID: -0.005
 Y CENTROID: -0.114
 POA TO CENTROID: 0.114
 HORZ SPREAD: 0.939
 VERT SPREAD: 1.378
 GROUP SPREAD: 1.618
 MIN RADIUS: 0.139
 MAX RADIUS: 1.005
 MEAN RADIUS: 0.476
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6348740

DATE REC'D: 9/19/02

DATE RET'D: 10/14/02

WRITER: R

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: _____

R & E NUMBER	52612		
SERIAL NUMBER	C6348740		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-23-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TCD
618	ROTO-BLAST	9/30/02	KO
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/8/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-10-02	RL
655	FINAL INSPECT	10-14-02	RL
660	PACK	10-15-02	RL
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348740

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	AC
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/3/89	KCR
615	Rollmark Caliber		11/2/89	C.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/6/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/89	RW
	C) Inspect Ejector Hole for Chamfer		11/6/89	RW
	D) Oil Firing Pin Ass'y		11/6/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/10/89	Q28

BARBER - M24 0062823								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	6	6	11-8-89	RL		
	G) Safety Off Force	4	4	4	11-8-89	RL		
	H) Trigger Pull Test & Retainability				11/18/89	RL		
	I) Firing Pin Indent	0205	0205	0205	11-8-89	RL		
	J) Assemble Stock				11/9/89	RL		
	K) Assemble Swivel Studs				11/Dec/89	RL		
	L) Attach Front and Rear Sight Assemblies				11/9/89	RL		
	M) Iron Sight Alignment				11/9/89	RL		
	N) Detach Front & Rear Sights & place in numbered container				11/9/89	RL		
	O) Attach Scope to Rifle				11-9-89	RL		
	P) Detach & Attach Scope 20 Times				11-9-89	RL		
640	Gallery Target & Test				11-13-89	D/H		
	A) Time				11-13-89	D/H		
	B) Malfunctions				11-13-89	D/H		
	C) Pierced Primers				11-13-89	D/H		
	D) Optical Clarity of Scope				11-13-89	D/H		
645	Inspect for Live Ammo				11-13-89	D/H		
655	Final Inspection							
	A) Headspace				11/Dec/89	RL		
	B) Trigger Pull	241	247	243	241	245	11/Dec/89	RL
	C) Function						11/Dec/89	RL
660	Pack						15/Dec/89	RL

BARBER - M24 0062824

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8740
6348790DATE 1-26-90TESTER WOB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	^{3.3} 2.54	^{2.2} 2.46	^{3.1} 2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.51	2.63	
PULL #3	2.65	2.62	2.70	
PULL #4	2.74	2.57	2.69	
PULL #5	2.69	2.64	2.66	
TOTAL	13.21	12.80	13.38	
AVG.	2.64	2.56	2.67	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.08	3.12	
PULL #2	3.14	3.17	
PULL #3	3.05	3.14	
PULL #4	3.26	3.17	
PULL #5	3.24	3.18	
TOTAL	15.77	15.78	
AVG.	3.15	3.15	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.01	4.02		
PULL #2	4.04	4.07		
PULL #3	4.03	4.05		
PULL #4	4.07	4.12		
PULL #5	4.05	4.11		
TOTAL	20.20	20.36		
AVG.	4.04	4.09		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348740
13 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.287712
1 TO	2	.69514
1 TO	3	.23288
1 TO	4	.685963
1 TO	5	.493222

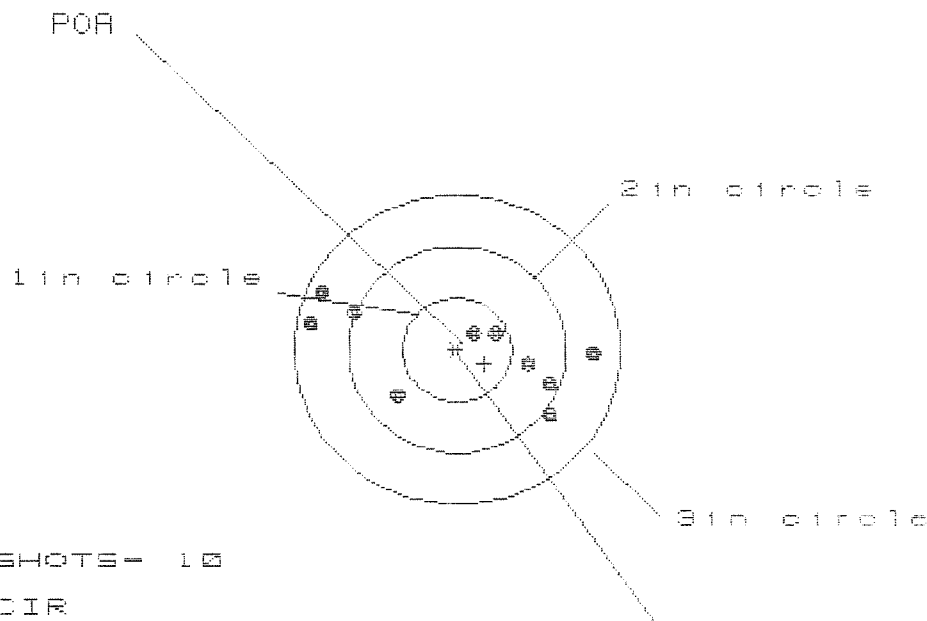
$\bar{x} = .1143$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1143
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .160944
THE AMR FOR THIS RIFLE IS: .8884

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346740

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.532

VS= 1.248

GS= 2.571

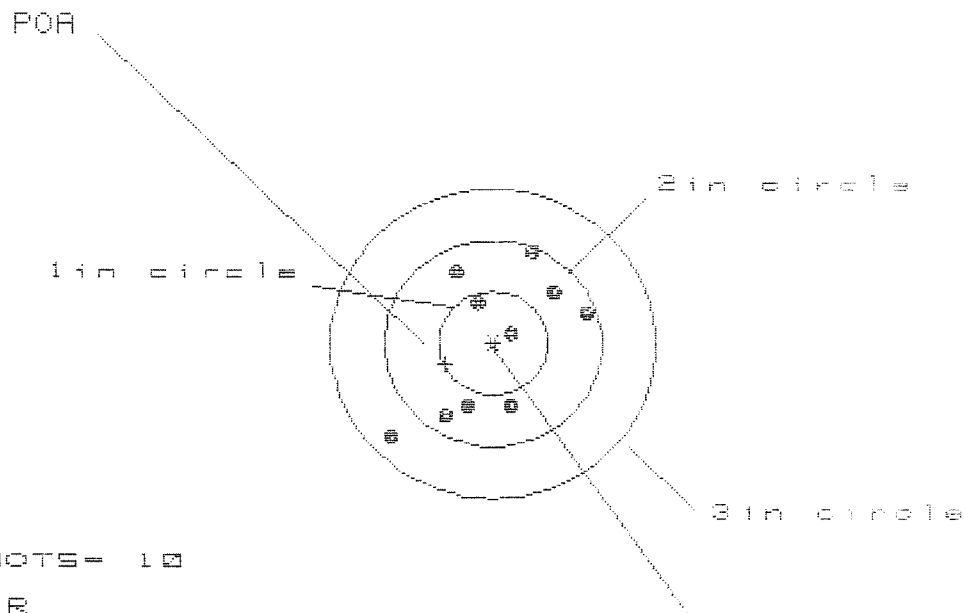
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.226	1.086	.985
MINIMUM X	-1.306	-1.446	-1.271
MAXIMUM Y	.584	.454	.494
MINIMUM Y	-.664	-.600	-.560
CENTROID X	-.253	-.113	.068
CENTROID Y	.137	.073	.033
POA TO CENTROID in.	.288	.134	.076
MIN RADIUS	.225	.252	.251
MEAN RADIUS	.887	.803	.680
MAX RADIUS	1.393	1.481	1.364
HORIZONTAL SPREAD	2.532	2.532	2.176
VERTICAL SPREAD	1.248	1.054	1.054
EXTREME SPREAD	2.571	2.551	2.220
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346740

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS= 1.754

VS= 1.727

GS= 2.134

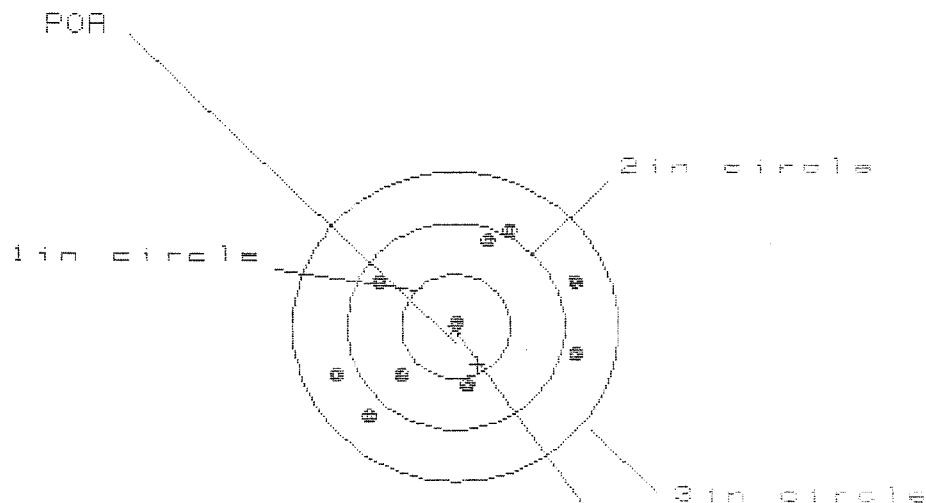
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.849	.749	.730
MINIMUM X	:	-.905	-.575	-.544
MAXIMUM Y	:	.873	.778	.687
MINIMUM Y	:	-.854	-.817	-.720
CENTROID X	:	.439	.539	.508
CENTROID Y	:	.200	.298	.201
POA TO CENTROID in.	:	.483	.616	.546
MIN RADIUS	:	.133	.035	.081
MEAN RADIUS	:	.728	.646	.629
MAX RADIUS	:	1.244	.999	.982
HORIZONTAL SPREAD	:	1.754	1.324	1.324
VERTICAL SPREAD	:	1.727	1.595	1.407
EXTREME SPREAD	:	2.134	1.795	1.645
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346740

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.230

VS = 1.758

GS = 2.372

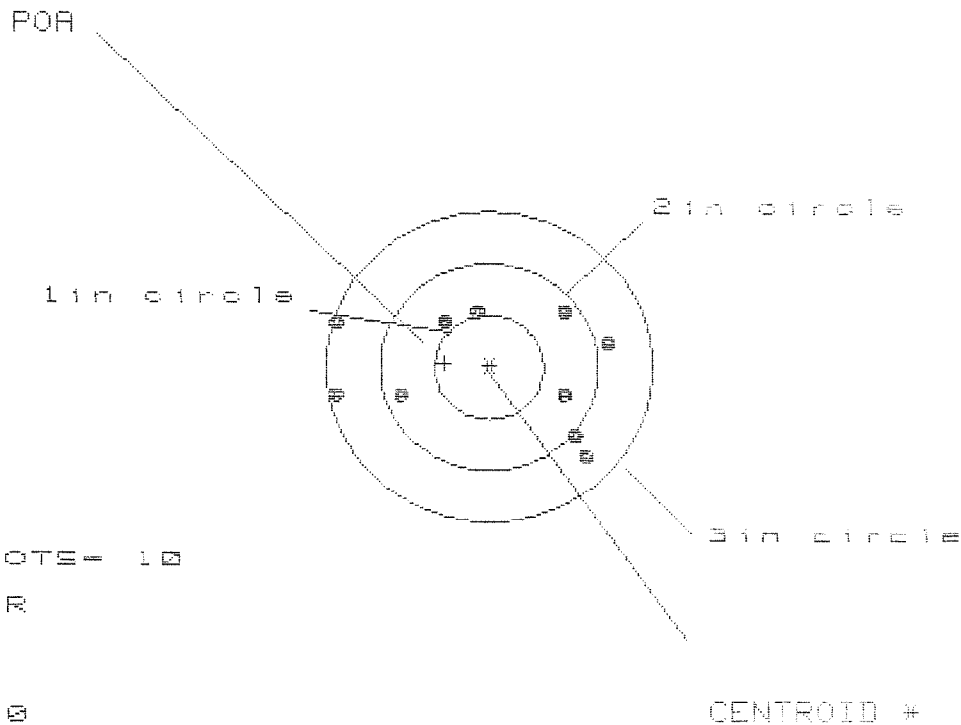
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.130	1.007	1.127
MINIMUM X	:	-1.100	-.921	-.801
MAXIMUM Y	:	.911	.858	.910
MINIMUM Y	:	-.847	-.900	-.848
CENTROID X	:	-.201	-.078	-.198
CENTROID Y	:	.364	.417	.365
POA TO CENTROID in.	:	.416	.424	.415
MIN RADIUS	:	.034	.105	.032
MEAN RADIUS	:	.869	.836	.789
MAX RADIUS	:	1.196	1.287	1.166
HORIZONTAL SPREAD	:	2.230	1.928	1.928
VERTICAL SPREAD	:	1.758	1.758	1.758
EXTREME SPREAD	:	2.372	2.291	2.201
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

13 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348740

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS = 2.517

VS = 1.410

GS = 2.649

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.085	.926	.732
MINIMUM X	-1.432	-1.547	-1.209
MAXIMUM Y	.573	.540	.591
MINIMUM Y	-.837	-.870	-.819
CENTROID X	.410	.569	.763
CENTROID Y	-.039	-.006	-.057
POA TO CENTROID in.	.412	.569	.765
MIN RADIUS	.560	.583	.445
MEAN RADIUS	1.008	.936	.822
MAX RADIUS	1.483	1.601	1.236
HORIZONTAL SPREAD	2.517	2.473	1.941
VERTICAL SPREAD	1.410	1.410	1.410
EXTREME SPREAD	2.649	2.649	2.016
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348740

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.756

VS= 2.284

GS= 3.024

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.753	.530	.432
MINIMUM X	:	-2.003	-.782	-.498
MAXIMUM Y	:	1.347	1.304	.978
MINIMUM Y	:	-.937	-.980	-.817
CENTROID X	:	.179	.402	.500
CENTROID Y	:	-.101	-.058	-.221
POA TO CENTROID in.	:	.206	.406	.547
MIN RADIUS	:	.202	.115	.304
MEAN RADIUS	:	.950	.791	.699
MAX RADIUS	:	2.040	1.521	1.069
HORIZONTAL SPREAD	:	2.756	1.312	.930
VERTICAL SPREAD	:	2.284	2.284	1.795
EXTREME SPREAD	:	3.024	2.476	2.022
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

BARBER - M24 0062831
Remington



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

MODEL 700TM M24

SERIAL NO.
C6348740

ORDER NO.
5716

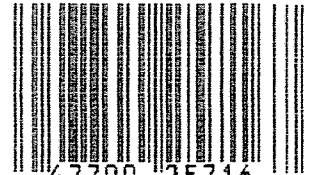
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348740

UPC



0 47700 25716 7

R ORDER
96-06332

INITIAL FPS	CUSTOMER ORDER NO.
----------------	--------------------

M24 SNIPER
L 1 stud

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
02/26/96	02/26/96	RJ 11-89	C6348740		700 7.62	NATO
ACCESSORIES	W/STUDS	SCOPE BASE				

FROM:

SHIP TO:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA
98433

CUST NO: 138744 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Barrel 96003

Repowder Coat Trigger Guard
Assy Front & Rear Sight Bases
Rez Inc Scope Base & Survival
Studs

REPAIRMAN <i>Rw</i>	PROOF <i>✓</i>	CLEAN <i>✓</i>	TEST <i>A</i>	TARGET <i>A</i>	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
AR	3/20/96	4/2/96	4/2/96	4/2/96	

OFFICE COPY

RD6925 REV. 1/94

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 **M2400062871**

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # 06348740

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	Rw
600	Proof		3/20/96	Rw
607	Check Headspace		3/20/96	Rw
610	Dis-assemble Gun		3/20/96	Rw
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/1/96	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/96	Rw
	C) Inspect Ejector Hole for Chamfer		4/1/96	Rw
	D) Oil Firing Pin Ass'y		4/1/96	Rw
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0062834 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	J) Assemble Stock					
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test				4/2/96	Ad
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				4/2/96	Ad
655	Final Inspection					
	A) Headspace				4/4/96	Rw
	B) Trigger Pull					
	C) Function				4/4/96	Rw
660	Pack					

Final Inspection

Sn: C6348740

DATE REC'D: 2/26/86

DATE RET'D:

AUDITOR: RW

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348740
5 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.760711
1 TO	2	.17
1 TO	3	.221118
1 TO	4	.205767
1 TO	5	.196413

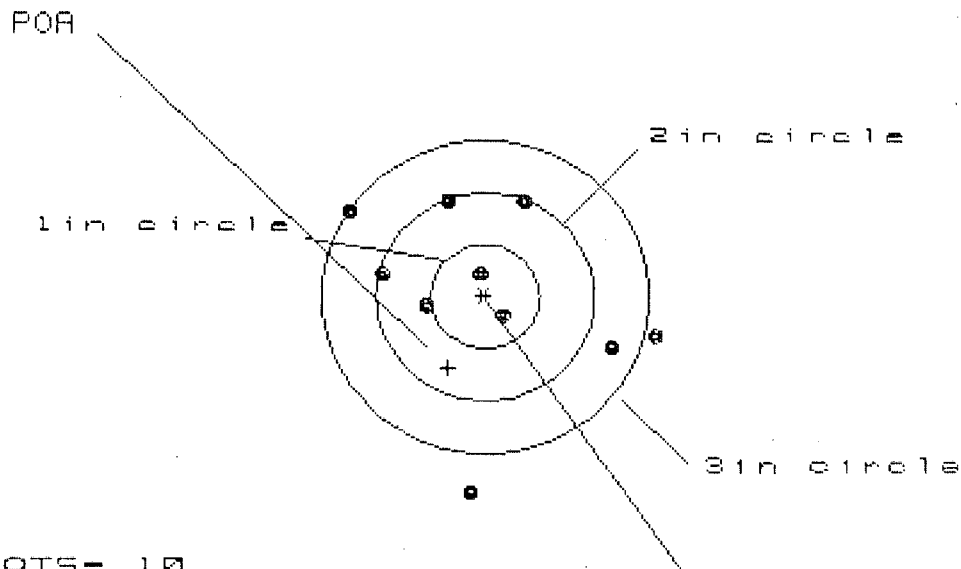
93
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3584
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5548
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .660495
THE AMR FOR THIS RIFLE IS: 1.08

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348740

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.776

VS= 2.805

GS= 2.997

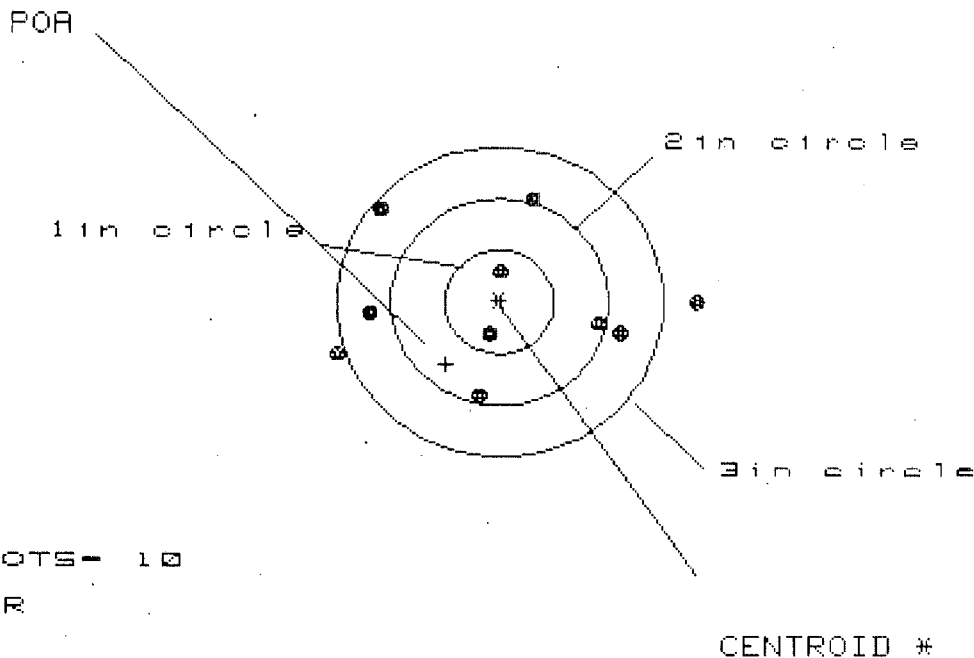
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.557	1.544	1.357
MINIMUM X	:	-1.219	-1.232	-1.039
MAXIMUM Y	:	.936	.728	.658
MINIMUM Y	:	-1.869	-.714	-.784
CENTROID X	:	.341	.354	.161
CENTROID Y	:	.680	.888	.958
POA TO CENTROID in.	:	.761	.956	.971
MIN RADIUS	:	.241	.083	.122
MEAN RADIUS	:	1.011	.889	.768
MAX RADIUS	:	1.873	1.642	1.567
HORIZONTAL SPREAD	:	2.776	2.776	2.396
VERTICAL SPREAD	:	2.805	1.442	1.442
EXTREME SPREAD	:	2.997	2.997	2.720
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348740

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.293

VS = 1.964

GS = 3.329

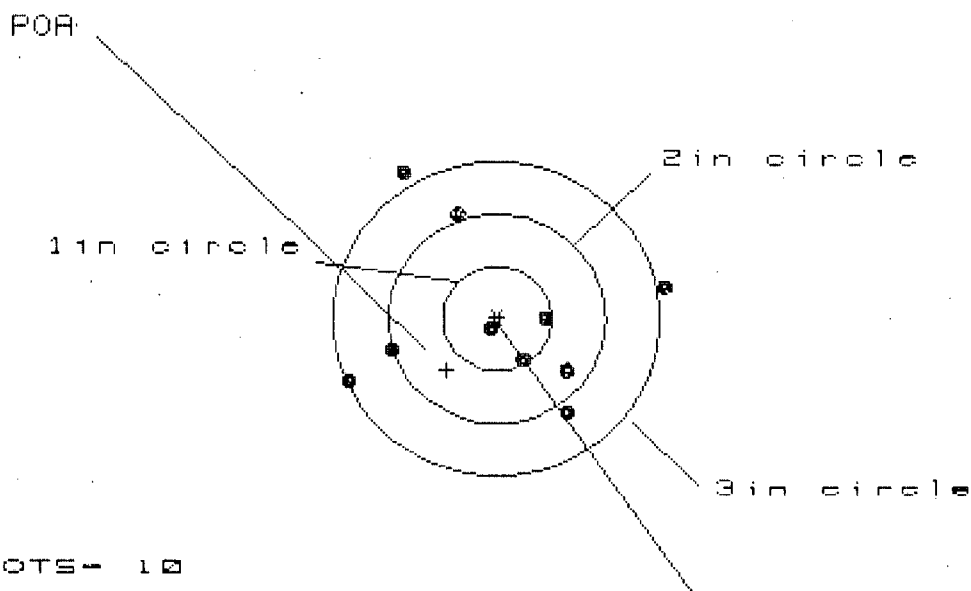
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.808	1.303	1.142
MINIMUM X	-1.485	-1.284	-1.191
MAXIMUM Y	1.021	1.024	.967
MINIMUM Y	-.943	-.940	-.997
CENTROID X	.491	.290	.451
CENTROID Y	.600	.597	.654
POA TO CENTROID in.	.776	.664	.794
MIN RADIUS	.318	.312	.305
MEAN RADIUS	1.073	.988	.922
MAX RADIUS	1.808	1.363	1.331
HORIZONTAL SPREAD	3.293	2.587	2.333
VERTICAL SPREAD	1.964	1.964	1.964
EXTREME SPREAD	3.329	2.593	2.479
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348740

CENTERFIRE PATTERNS # 3

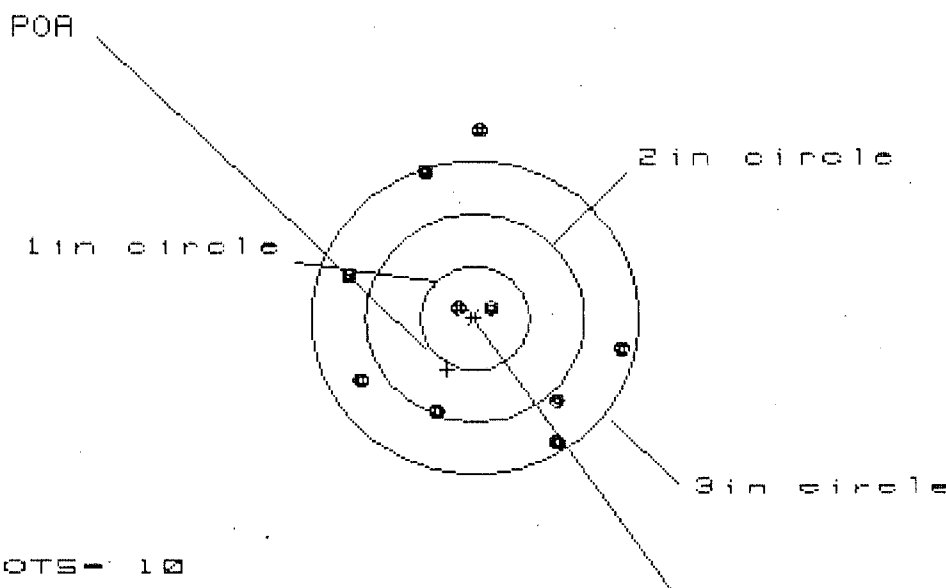


PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.584
MINIMUM X	-1.320
MAXIMUM Y	1.401
MINIMUM Y	-.896
CENTROID X	.459
CENTROID Y	.493
POA TO CENTROID in.	.674
MIN RADIUS	.108
MEAN RADIUS	.976
MAX RADIUS	1.653
HORIZONTAL SPREAD	2.904
VERTICAL SPREAD	2.297
EXTREME SPREAD	3.045
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348740

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HS = 2.498

VS = 3.002

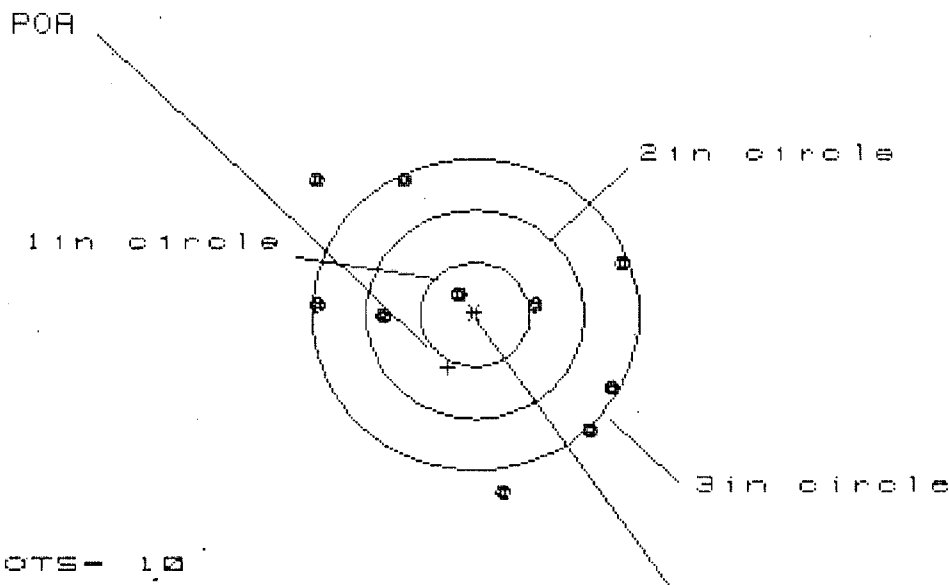
GS = 3.080

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.378	1.386	1.325
MINIMUM X	:	-1.120	-1.112	-1.173
MAXIMUM Y	:	1.772	1.568	.760
MINIMUM Y	:	-1.230	-1.033	-.837
CENTROID X	:	.253	.245	.306
CENTROID Y	:	.494	.297	.101
POA TO CENTROID in.	:	.555	.385	.322
MIN RADIUS	:	.196	.329	.482
MEAN RADIUS	:	1.086	1.006	.924
MAX RADIUS	:	1.774	1.644	1.398
HORIZONTAL SPREAD	:	2.498	2.498	2.498
VERTICAL SPREAD	:	3.002	2.601	1.597
EXTREME SPREAD	:	3.080	2.891	2.587
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348740

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 2.811

VS = 3.063

GS = 3.454

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.340	1.177	1.187
MINIMUM X	-1.471	-1.599	-1.589
MAXIMUM Y	1.330	1.470	1.271
MINIMUM Y	-1.733	-1.593	-1.117
CENTROID X	.248	.411	.401
CENTROID Y	.507	.367	.566
POA TO CENTROID in.	.564	.551	.693
MIN RADIUS	.247	.429	.303
MEAN RADIUS	1.255	1.177	1.095
MAX RADIUS	1.940	1.669	1.590
HORIZONTAL SPREAD	2.811	2.776	2.776
VERTICAL SPREAD	3.063	3.063	2.388
EXTREME SPREAD	3.454	3.184	2.936
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

RECEIVING BARBER M24 0062881

COMMENTS

ORDER

R 96-02795

INITIAL CUSTOMER ORDER NO.

M-24 SNIPER

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/22/96

01/23/96

KK 5-90

C6498740

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

DEPT OF THE ARMY
DIRECTOR OF LOGISTICS
3 NASH BLVD.
FORT DRUM

NY 13602

DEPT OF THE ARMY
DIRECTOR OF LOGISTICS
3 NASH BLVD.
FORT DRUM

NY

13602

CUST NO: 101483 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

D2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

Stock is Cracked

PARTS

W52 #096024/343

Stock - 96018

COMMENTS

Trigger Adjusted outside of factory

ReAdjusted Trigger to Factory Specs.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

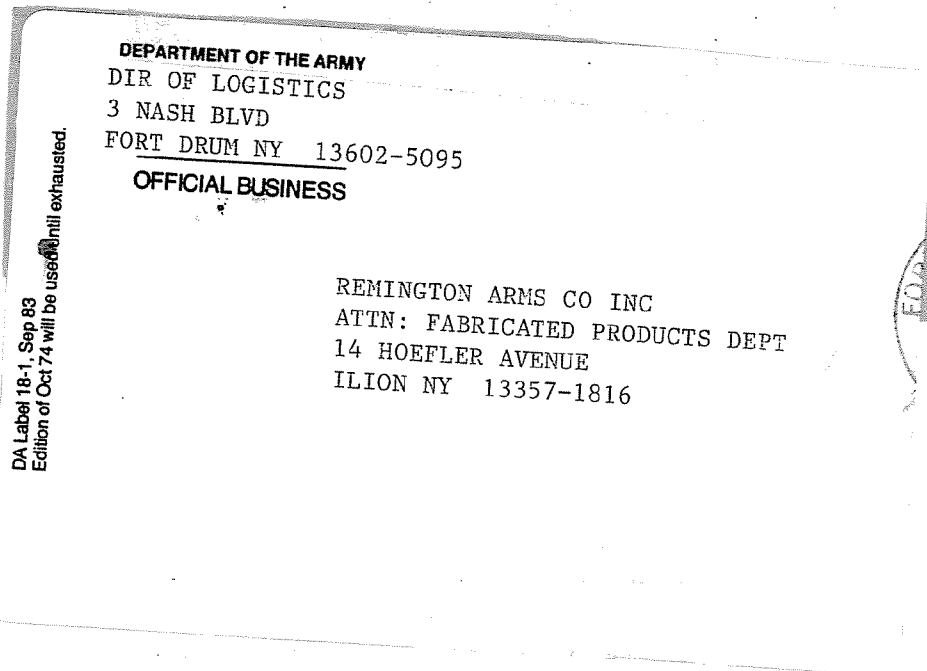
DATE

OFFICE COPY

RD6925

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0062881



1945 04 10 25
 1945 04 10 25
 1945 04 10 25

[illegible]

FORM 1348-1A SEP 87 (R11E) JUN 86 edition may be used FORM APPROVED. OMB NO 0704-0188 DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

Final Inspection

Sn: C6498740

DATE REC'D: 1/22/86

DATE RET'D:

AUDITOR: NW

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:

Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498740

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

op. #	BARBER - M24 0062847	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		4/25/96	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection		4/25/96	RW
	A) Headspace		4/25/96	RW
	B) Trigger Pull		4/23/96	RW
	C) Function			
660	Pack			

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	<i>Ream Ejector hole Polish Ejector 12/8/89</i>	<i>RW</i>
TEST		
TGT		
PROOF	<i>shot OK 12-9-89</i>	<i>DH</i>
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____		GA. CAL. _____	GUN # _____	ASSEM. # _____
# TEST	DATE	MALFUNCTION/DEFECT		
	1st	<i>CG348740</i> <i>short burst</i> <i>1/1/38</i> <i>don't eject</i>		
	2nd			
	3rd			
	4th			

FUNCTION _____

RD 6654 Rev 1