

C6225098

MODEL 700™ M24

Model 700 M24™

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: RE00147677

Serial: C6225098 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/17/2008 8:22:49 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: PBO 1/75 RANGER REGIMENT

PBO 1/75 RANGER REGIMENT

Address 1: ATTN: WO1 CURTIS B MATHIS

ATTN: WO1 CURTIS B MATHIS

Address 2: 1036 LIBERATOR RD

PO Box:

1036 LIBERATOR RD

PO Box:

City: HUNTER AAF

HUNTER AAF

State: GA

Zip Code: 31409

Country: US

State: GA

Zip Code: 31409

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2008

8:09 AM

CAPS

NUM

INS

SCRL



8:09 AM

Reset

Number: C6225098

Model: M24 SWS



RE00147677

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

R & E NUMBER

147677

SERIAL NUMBER

C6220098

LOG-IN DATE

7-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-29-08	RTZ
505	RE-BARREL	9-30-08	RTZ
560	ASSEMBLE	9-30-08	RTZ
600	PROOF	10-2-08	SPD
605	CHECK HEADSPACE	10-2-08	SPD
610	DIS-ASSEMBLE GUN	10-2-08	SPD
612	MAGNAFLUX	10/8/08	(15)
510	DRILL AND TAP	10-7-08	JS
615	ROLLMARK CALIBER	10/8/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-11	
625	FINAL ASSEMBLY	10-14-08	RTZ
640	FUNCTION TEST AND	10-15-08	TC
650	TARGET	10-15-08	TC
	MALFUNCTION BAC	CORRECTION	10-15-08 TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	10-15-08 X 93
670	FINAL INSPECTION	10-22-08	X 93
	A) HEADSPACE	(PASS) FAIL	10-22-08 X 93
	B) TRIGGER PULL	2.67 2.64 2.63 2.61 2.70	10-22-08 X 93
680	F) SAFETY ON FORCE	3.0 3.0 3.0	10-22-08 X 93
	G) SAFETY OFF FORCE	5.0 5.0 4.5	10-22-08 X 93
	I) FIRING PIN INDENT	.020 .021 .021	10-22-08 X 93
690	PACK		10/22/08 Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225098.___0
FILE DATE AND TIME: 10/16/2008 06:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

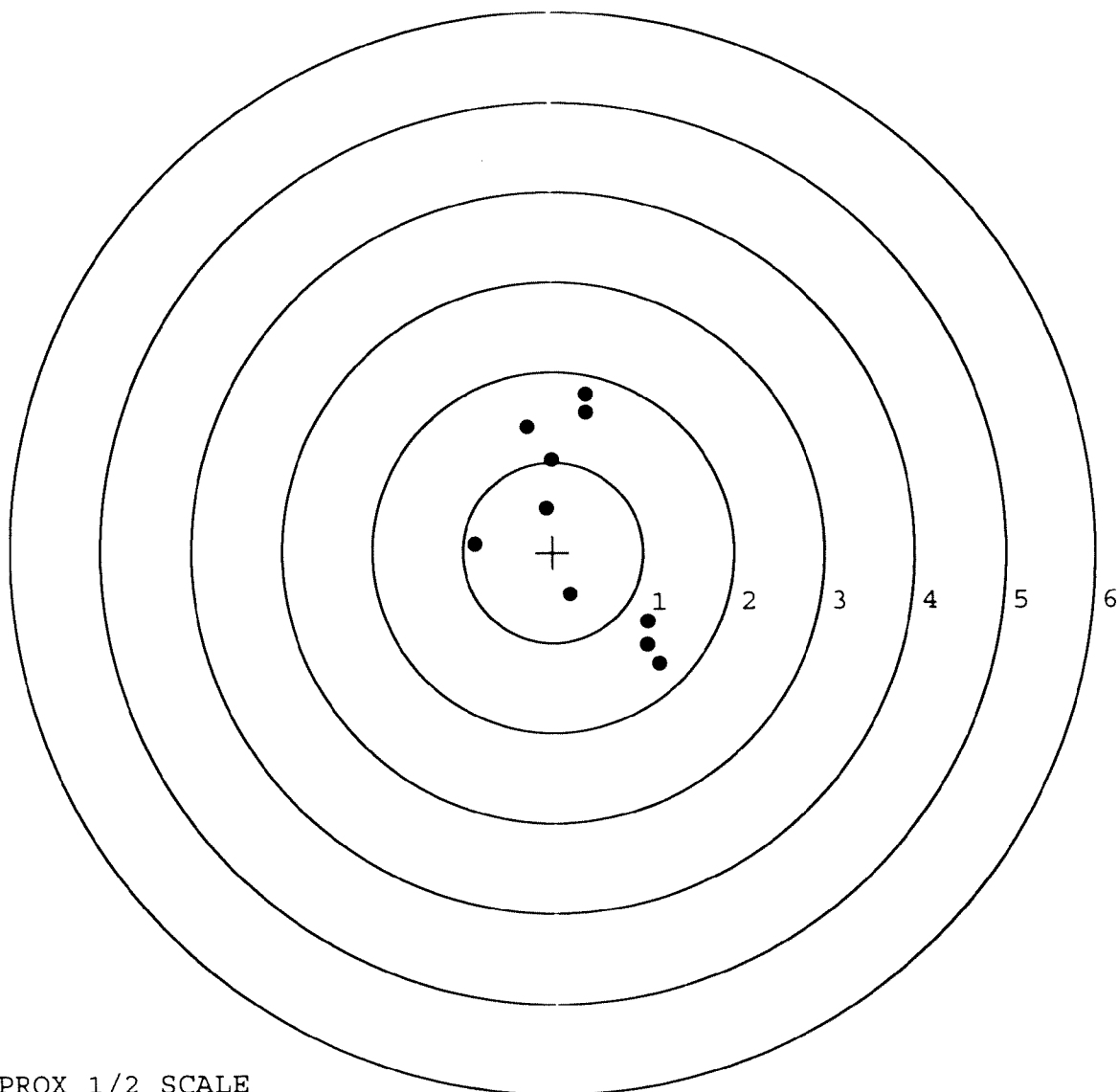
The Average X Centroid of the Five Target Set:	0.109
The Average Y Centroid of the Five Target Set:	0.144
The Average Point of Impact of the Five Target Set:	0.180
The Average Mean Radius of the Five Target Set:	1.108
The Distance from POA to Centroid Target #1:	0.406
The Distance from Centroid Target #2 to Centroid Target #1:	0.265
The Distance from Centroid Target #3 to Centroid Target #1:	0.453
The Distance from Centroid Target #4 to Centroid Target #1:	0.597
The Distance from Centroid Target #5 to Centroid Target #1:	0.313

BARBER - M24 0048827

SERIAL NUMBER: C6225098. __0
 TARGET NUMBER: 1
 FILE DATE: 10/16/2008
 FILE TIME: 06:11

X CENTROID: 0.297
 Y CENTROID: 0.277
 POA TO CENTROID: 0.406
 HORZ SPREAD: 2.028
 VERT SPREAD: 2.993
 GROUP SPREAD: 3.094
 MIN RADIUS: 0.421
 MAX RADIUS: 1.749
 MEAN RADIUS: 1.172
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.162	-1.243
2:	1.038	-1.032
3:	1.046	-0.779
4:	0.192	-0.470
5:	-0.866	0.092
6:	-0.068	0.488
7:	-0.011	1.027
8:	-0.277	1.389
9:	0.377	1.553
10:	0.377	1.750



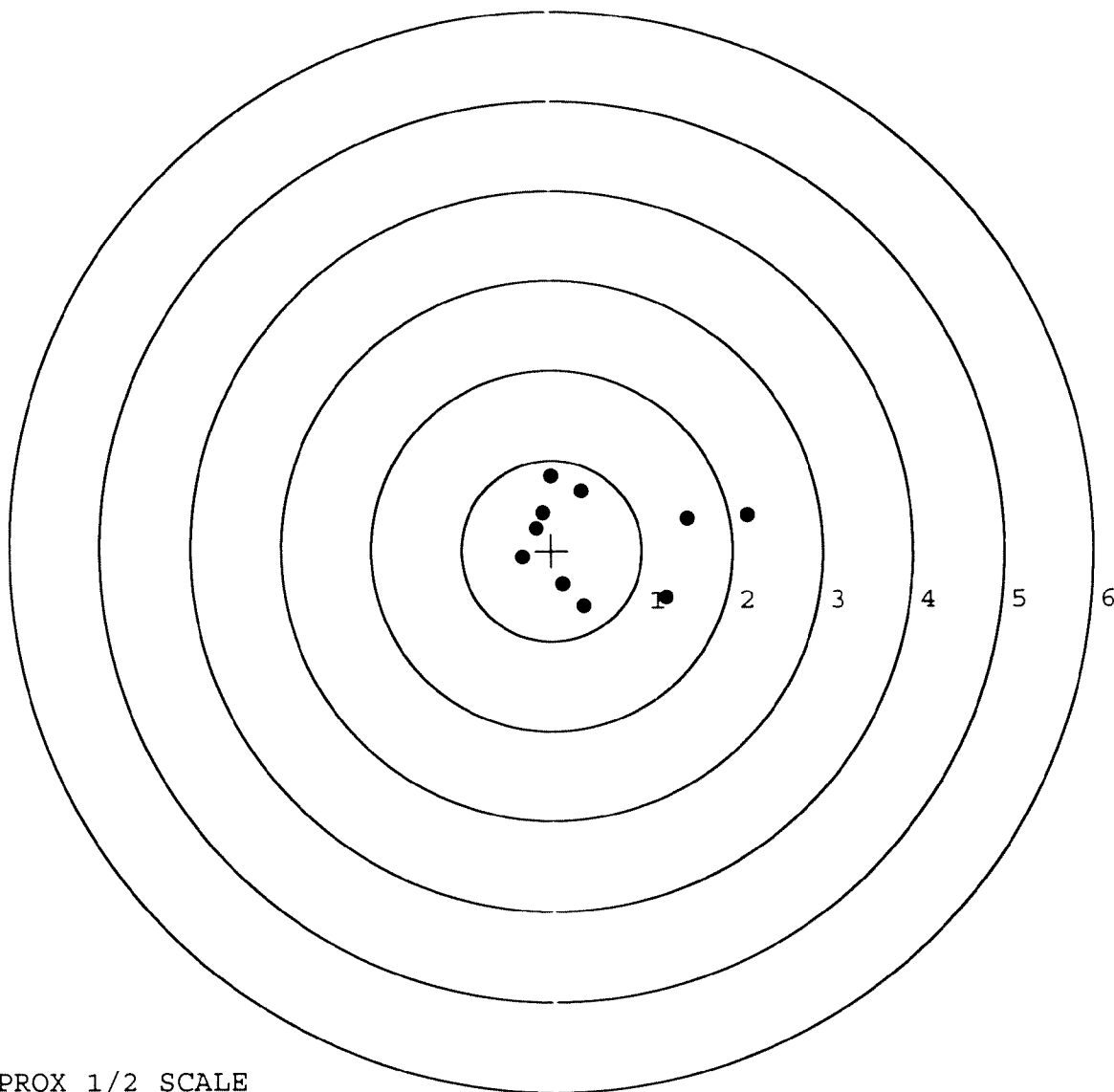
TARGET APPROX 1/2 SCALE

BARBER - M24 0048828

SERIAL NUMBER: C6225098. __0
 TARGET NUMBER: 2
 FILE DATE: 10/16/2008
 FILE TIME: 06:11

POINT#	X	Y
1:	2.170	0.380
2:	1.501	0.351
3:	1.261	-0.523
4:	0.359	-0.616
5:	0.125	-0.372
6:	0.336	0.655
7:	-0.324	-0.074
8:	-0.170	0.241
9:	-0.094	0.414
10:	-0.006	0.820

X CENTROID: 0.516
 Y CENTROID: 0.128
 POA TO CENTROID: 0.531
 HORZ SPREAD: 2.494
 VERT SPREAD: 1.436
 GROUP SPREAD: 2.535
 MIN RADIUS: 0.557
 MAX RADIUS: 1.673
 MEAN RADIUS: 0.872
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



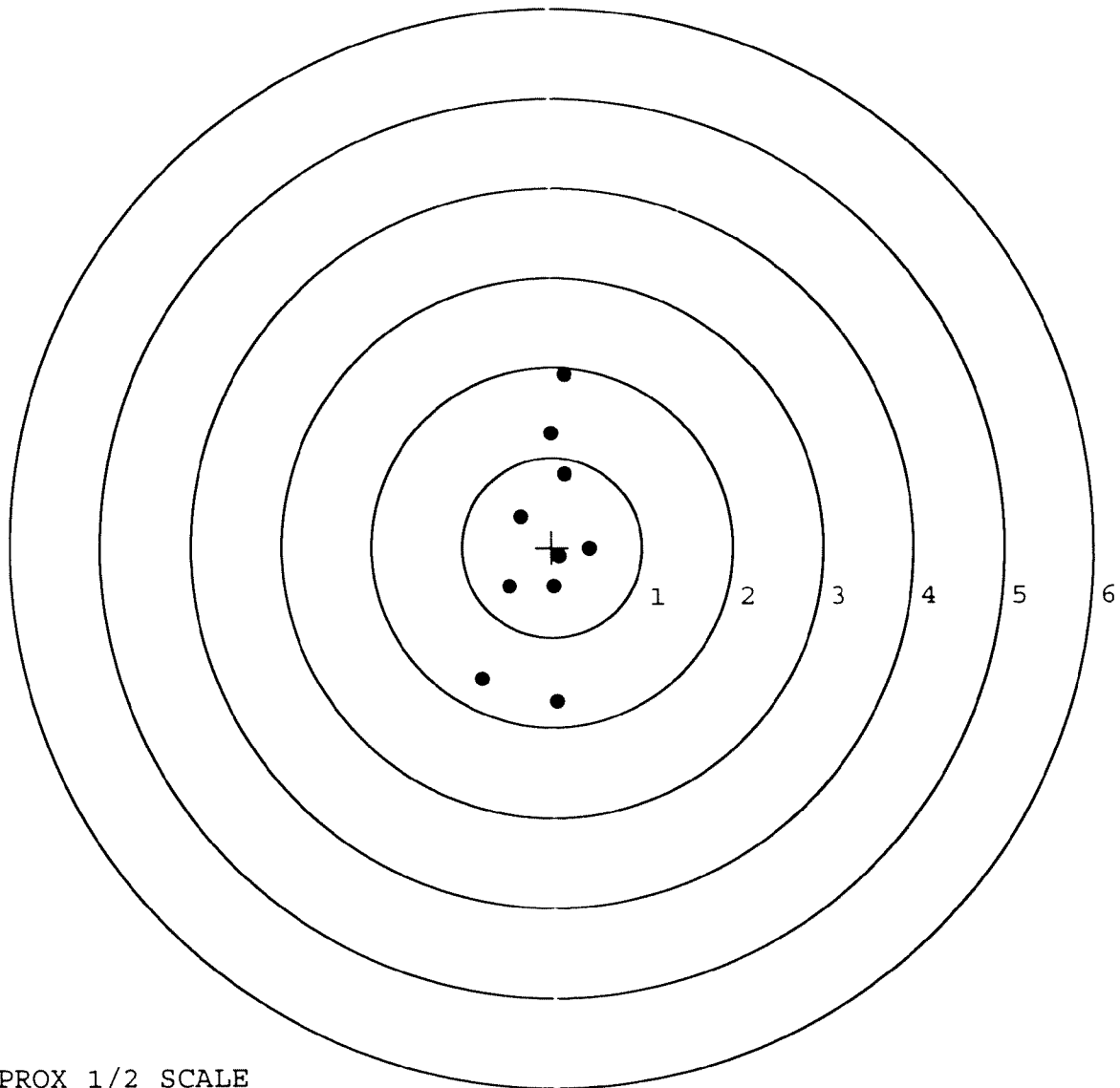
TARGET APPROX 1/2 SCALE

BARBER - M24 0048829

SERIAL NUMBER: C6225098. __0
TARGET NUMBER: 3
FILE DATE: 10/16/2008
FILE TIME: 06:11

POINT#	X	Y
1:	0.156	1.915
2:	0.003	1.262
3:	0.147	0.814
4:	-0.343	0.346
5:	0.050	-1.721
6:	-0.785	-1.473
7:	-0.475	-0.434
8:	0.023	-0.435
9:	0.082	-0.106
10:	0.415	-0.017

X CENTROID: -0.073
Y CENTROID: 0.015
POA TO CENTROID: 0.074
HORZ SPREAD: 1.200
VERT SPREAD: 3.636
GROUP SPREAD: 3.638
MIN RADIUS: 0.196
MAX RADIUS: 1.914
MEAN RADIUS: 0.956
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7



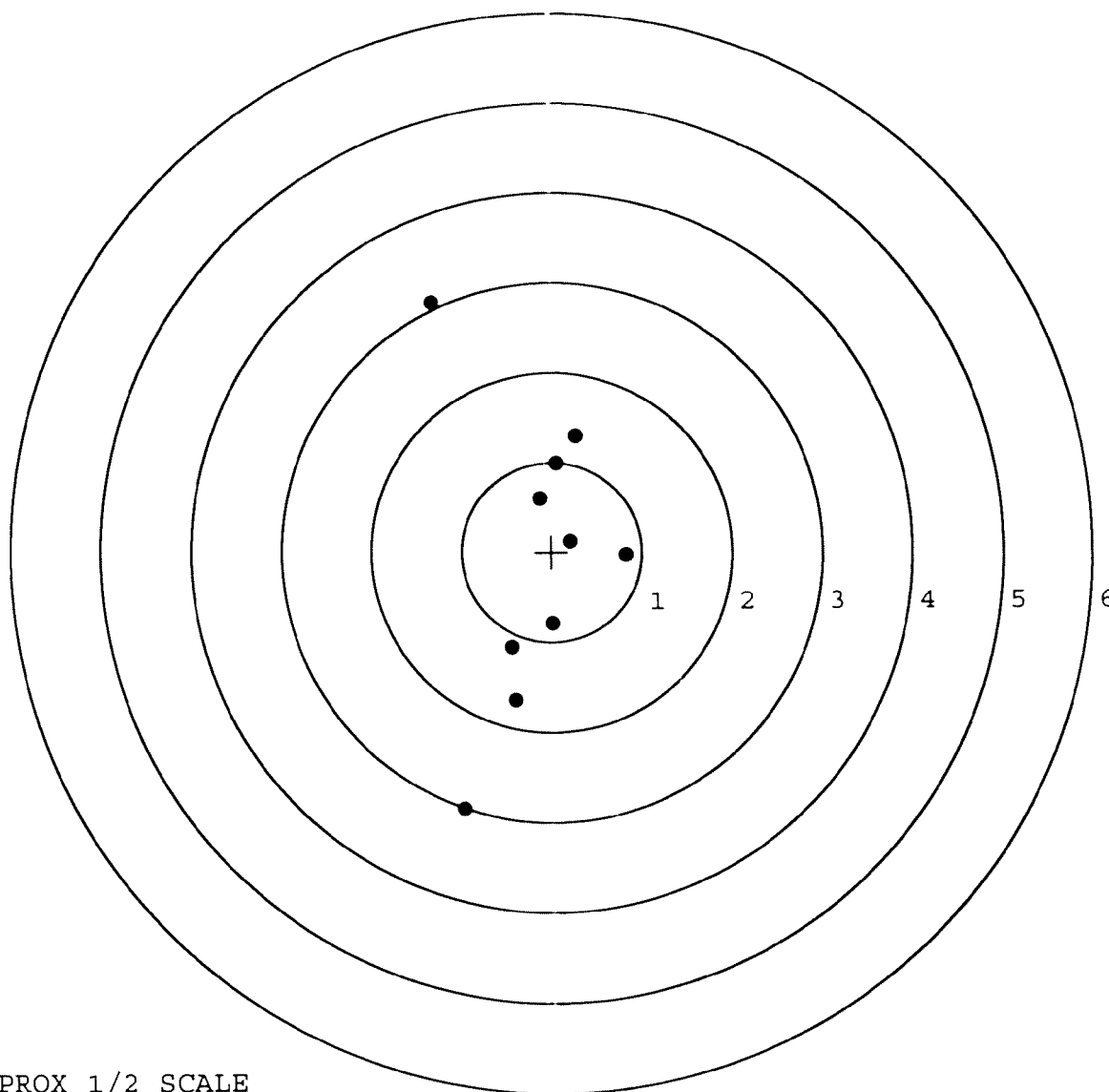
TARGET APPROX 1/2 SCALE

BARBER - M24 0048830

SERIAL NUMBER: C6225098. 0
TARGET NUMBER: 4
FILE DATE: 10/16/2008
FILE TIME: 06:11

POINT#	X	Y
1:	-1.325	2.779
2:	0.276	1.288
3:	0.060	0.988
4:	-0.133	0.598
5:	0.210	0.114
6:	0.821	-0.038
7:	0.012	-0.800
8:	-0.452	-1.064
9:	-0.410	-1.647
10:	-0.986	-2.855

X CENTROID: -0.193
Y CENTROID: -0.064
POA TO CENTROID: 0.203
HORZ SPREAD: 2.146
VERT SPREAD: 5.634
GROUP SPREAD: 5.644
MIN RADIUS: 0.440
MAX RADIUS: 3.060
MEAN RADIUS: 1.399
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7



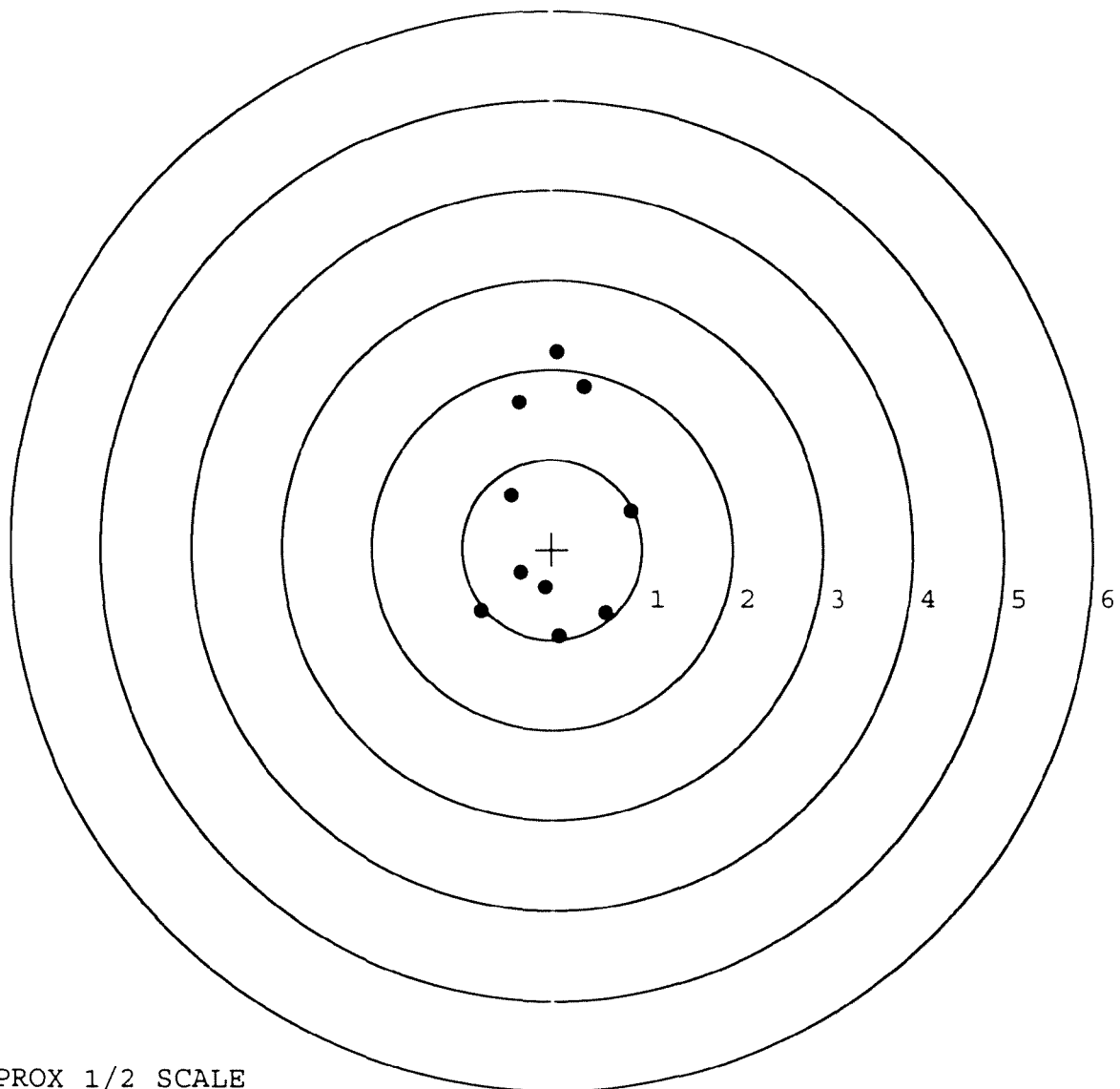
TARGET APPROX 1/2 SCALE

BARBER - M24 0048831

SERIAL NUMBER: C6225098. __0
TARGET NUMBER: 5
FILE DATE: 10/16/2008
FILE TIME: 06:11

POINT#	X	Y
1:	0.080	-0.963
2:	0.597	-0.706
3:	-0.783	-0.689
4:	-0.079	-0.422
5:	-0.347	-0.265
6:	0.875	0.423
7:	-0.451	0.599
8:	-0.366	1.630
9:	0.366	1.808
10:	0.066	2.198

X CENTROID: -0.004
Y CENTROID: 0.361
POA TO CENTROID: 0.361
HORZ SPREAD: 1.658
VERT SPREAD: 3.161
GROUP SPREAD: 3.161
MIN RADIUS: 0.506
MAX RADIUS: 1.838
MEAN RADIUS: 1.140
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9



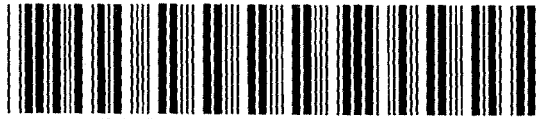
TARGET APPROX 1/2 SCALE

BARBER - M24 0048832

Serial
Number:

C6225098

Model: 700 SWS



RE00007104

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0048832 M2400048871

DS/GS Electronics -
-Maintenance
1/75th Ranger Regiment
(BLDG 1360)
108 Emmett Rifles -
-Drive STE#206
Hunter Army Airfield,
GA. 31409-5602

~~C6225098~~

C6225098

W/ Scope, Scope Base,
Scope Rings, Swivel
Studs, Bipod & Soft
Carrying Case &
Hard Case
(~~Carrying Case~~)

BBL - 96003
EXtractor - 91816

BARBER - M24 0048835

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225098
9 Jun 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.2052$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.1958$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.283628$

THE AMR FOR THIS RIFLE IS: 1.127

CENTROIDAL DISTANCES

0	TO	1	.194756
1	TO	2	.57632
1	TO	3	.0490408
1	TO	4	.102552
1	TO	5	.197995

2 54⁺ <----POA

BARBER - M24 0048836

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .195

MIN RADIUS : .432

MEAN RADIUS : 1.190

MAX RADIUS : 2.178

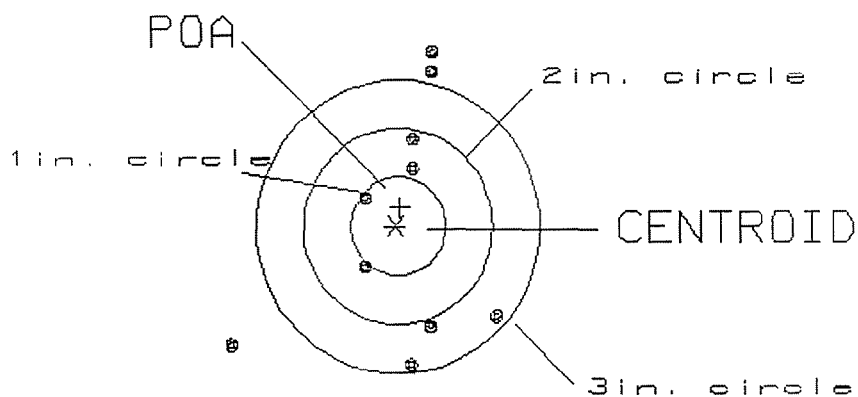
CENTROID X : -.047

CENTROID Y : -.189

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225098

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.81

1

VS= 3.24

4

GS= 3.72

7

BARBER - M24 0048837

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .610

MIN RADIUS : .286

MEAN RADIUS : 1.236

MAX RADIUS : 2.498

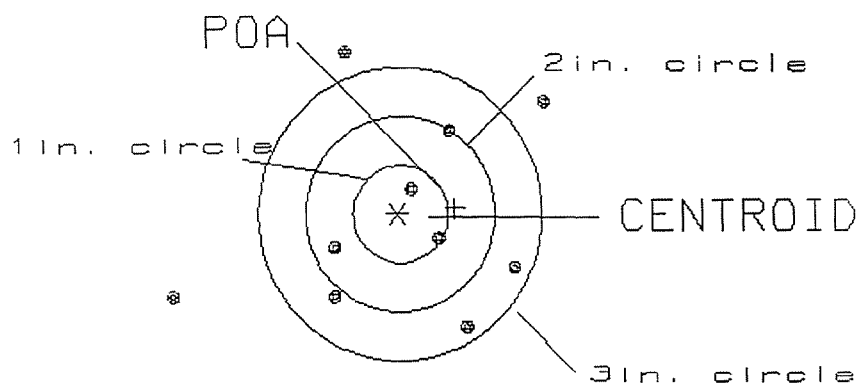
CENTROID X : -.608

CENTROID Y : -.057

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225098

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.85

2

VS= 2.73

4

GS= 4.33

7

BARBER - M24 0048838

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

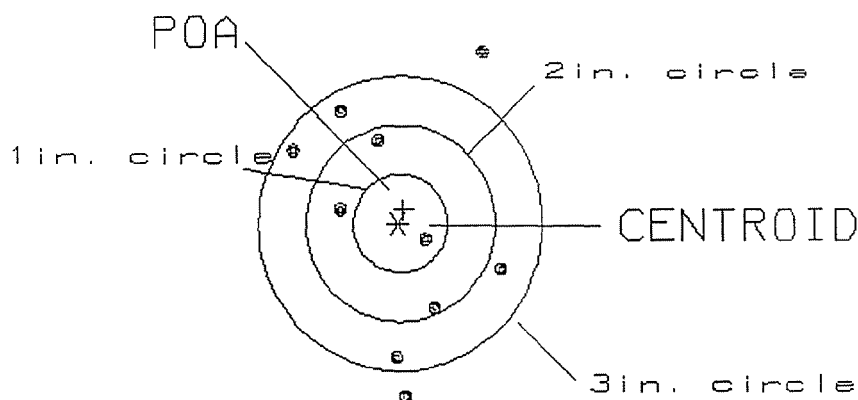
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .156
 MIN RADIUS : .285
 MEAN RADIUS : 1.158
 MAX RADIUS : 1.911
 CENTROID X : -.064
 CENTROID Y : -.143

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225098

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.18

1

VS= 3.47

4

GS= 3.56

8

BARBER - M24 0048839

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .286

MIN RADIUS : .480

MEAN RADIUS : .833

MAX RADIUS : 1.534

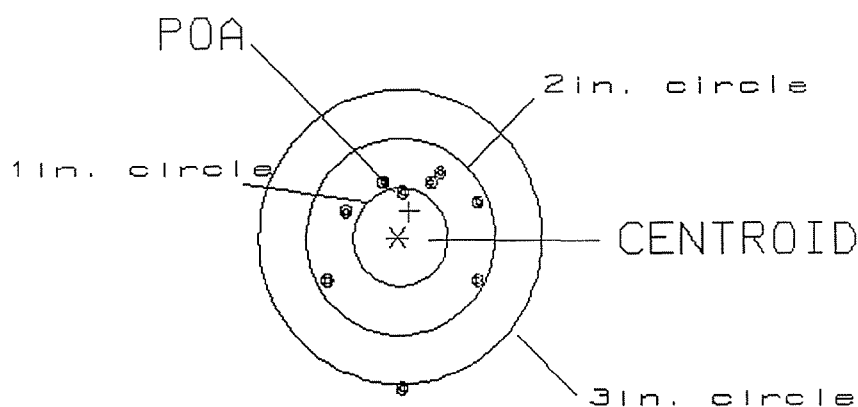
CENTROID X : -.121

CENTROID Y : -.260

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225098

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.67

1

VS= 2.17

9

GS= 2.22

9

BARBER - M24 0048840

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .379

MIN RADIUS : .255

MEAN RADIUS : 1.216

MAX RADIUS : 2.060

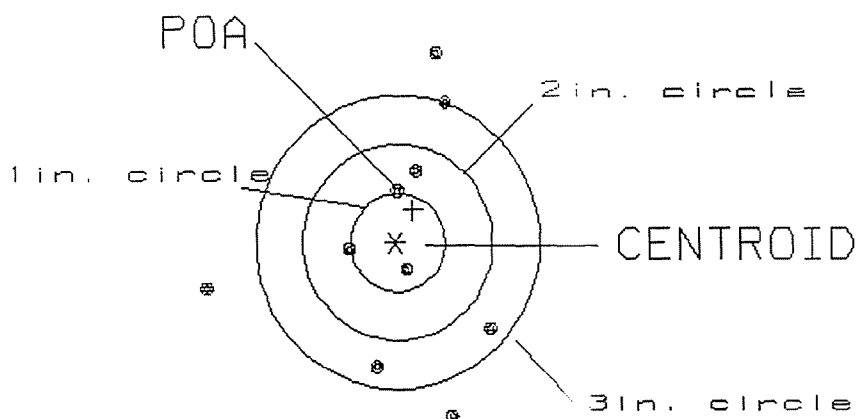
CENTROID X : -.186

CENTROID Y : -.330

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225098

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.01

1

VS= 3.74

4

GS= 3.74

6

Final Inspection

Sn: C6225098

DATE REC'D: 3-25-00

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:

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

R & E NUMBER <u>0000 7104</u>			
SERIAL NUMBER <u>C6225098</u>			
LOG-IN DATE <u>3-25-00</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-6-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	4-24-00	RW
605	CHECK HEADSPACE	4-24-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-8-00	RW
655	FINAL INSPECT	6-12-00	RW
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225098

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	2/1	FB
600	PROOF	2/9/88	RW
615	MAGNAFLUX BARREL	2/18/88	P.C.
	MAGNAFLUX BOLT	2/25/88	P.C.
620	COATING	3/21/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

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 & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/12/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/12/88	RW
	C) Inspect Ejector Hole for Chamfer		9/12/88	RW

OVER

BARBER - M24 0048845

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/12/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		12 Sept 88	JS
	F) Safety on Force	7# 7# 7#	12 Sept 88	JS
	G) Safety off Force	3# 3 3#	12 Sept 88	JS
	H) Trigger Pull Test & Retainability		12 Sept 88	JS
	I) Firing Pin Indent	.021 .021 .021	12 Sept 88	JS
	J) Assemble Stock		9/14/88	RW
	K) Assemble Swivel Studs		10-13-88	JS
	L) Attach Front & Rear Sight Assemblies		9/14/88	RW
	M) Iron Sight Alignment		9/14/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/14/88	RW
	O) Attach Scope to Rifle		10/5/88	RW
	P) Detach & Attach Scope 20 times	60 R 95 L	10-5-88	JS
640	Gallery Target & Test	RESHOT AC 10/12/88	10/11/88	W.B.
	A) Optical Clarity of Scope		10/11/88	W.B.
645	Inspect for Live Ammo		10/11/88	W.B. & AC
655	Final Inspection			
	A) Headspace		10-13-88	JS
	B) Trigger Pull		10-14-88	JS
	C) Function		10-13-88	JS
660	Pack		15 Dec 88	JS

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

SERIAL NO. C6225098DATE 12-24-78TESTER D.O. & W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.65	2.45	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.48	2.59	
PULL #3	2.38	2.49	2.61	
PULL #4	2.55	2.49	2.58	
PULL #5	2.49	2.49	2.57	
TOTAL	12.42	12.40	12.95	
AVG.	2.484	2.48	2.59	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.33	3.25	
PULL #2	3.25	3.30	
PULL #3	3.34	3.35	
PULL #4	3.31	3.35	
PULL #5	3.31	3.33	
TOTAL	16.54	16.58	
AVG.	3.308	3.316	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.29		4.02
PULL #2	4.40	4.34		4.03
PULL #3	4.27	4.37		4.08
PULL #4	4.39	4.42		4.10
PULL #5	4.40	4.42		4.13
TOTAL	21.66	21.84		20.35
AVG.	4.332	4.368		4.072

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225098

CENTROIDAL DISTANCES

0 TO	1	.21523
1 TO	2	.262086
1 TO	3	.377712
1 TO	4	.404675
1 TO	5	.3568

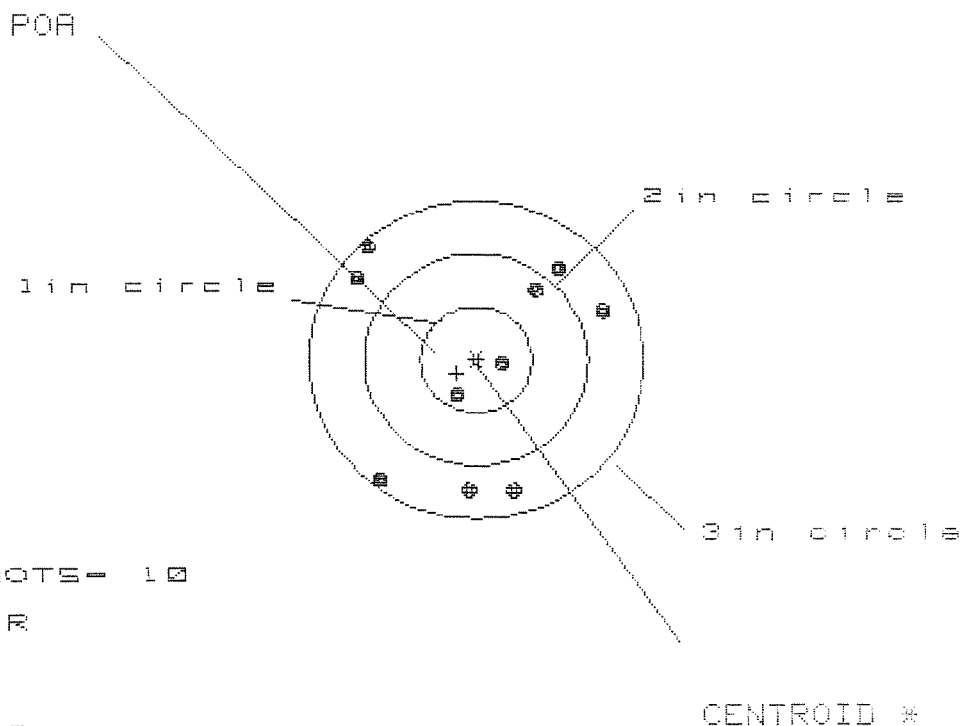
~~51~~
412 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0336
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0363235
THE AMR FOR THIS RIFLE IS: .9686

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225098

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 10

HS = 2.190

VS = 2.330

GS = 2.688

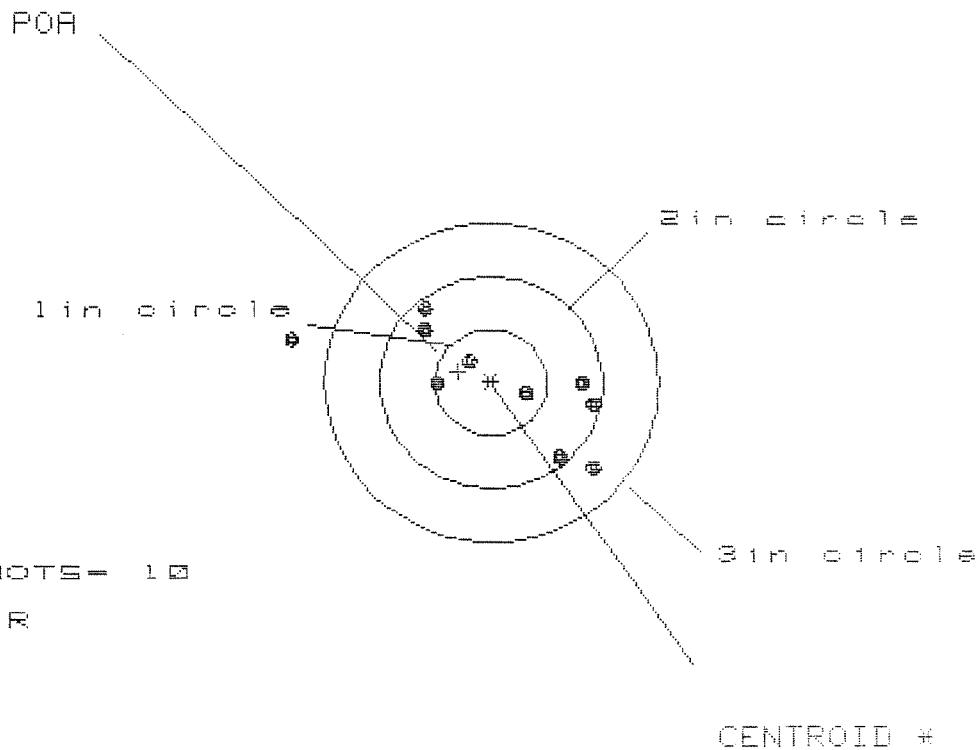
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.138	1.028	.911
MINIMUM X	:	-1.052	-1.162	-1.279
MAXIMUM Y	:	1.086	.996	.870
MINIMUM Y	:	-1.244	-1.123	-1.249
CENTROID X	:	.170	.280	.397
CENTROID Y	:	.132	.011	.137
POA TO CENTROID in.	:	.215	.280	.420
MIN RADIUS	:	.275	.205	.048
MEAN RADIUS	:	1.059	.993	.919
MAX RADIUS	:	1.467	1.484	1.508
HORIZONTAL SPREAD	:	2.190	2.190	2.190
VERTICAL SPREAD	:	2.330	2.119	2.119
EXTREME SPREAD	:	2.688	2.557	2.483
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	10		

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 2.691

VS = 1.481

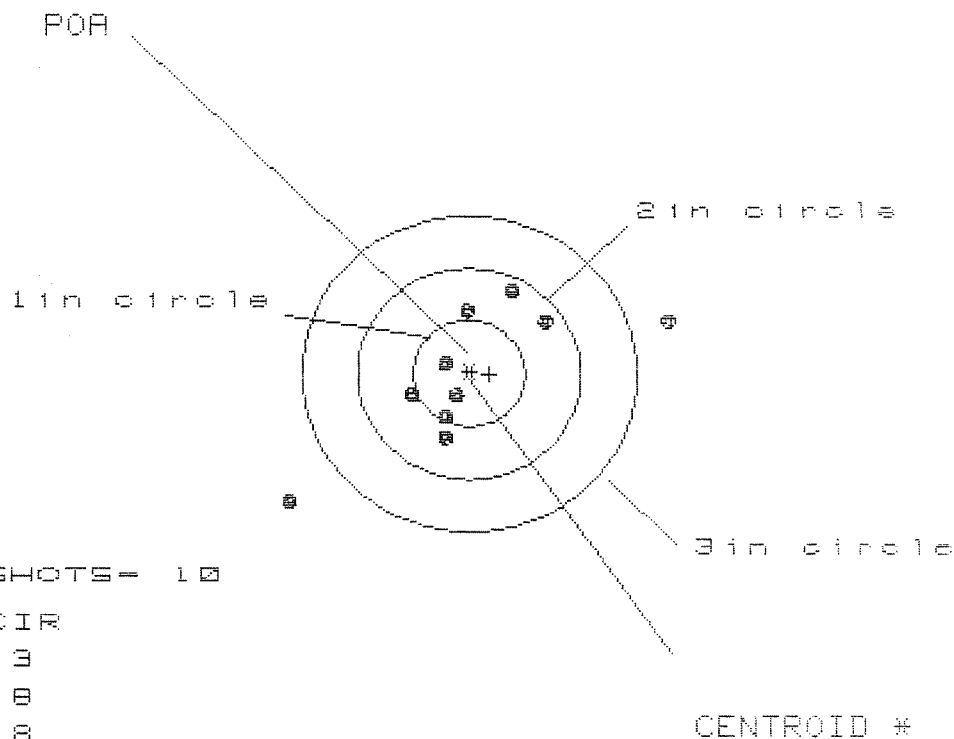
GS = 2.903

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.935
MINIMUM X	:	-1.756
MAXIMUM Y	:	.706
MINIMUM Y	:	-.775
CENTROID X	:	.290
CENTROID Y	:	-.101
POA TO CENTROID in.	:	.307
MIN RADIUS	:	.236
MEAN RADIUS	:	.841
MAX RADIUS	:	1.798
HORIZONTAL SPREAD	:	2.691
VERTICAL SPREAD	:	1.481
EXTREME SPREAD	:	2.903
NUMBER IN ONE INCH CIRCLE =	:	3
NUMBER IN TWO INCH CIRCLE =	:	8
NUMBER IN THREE INCH CIRCLE =	:	9

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 3.386

VS= 2.015

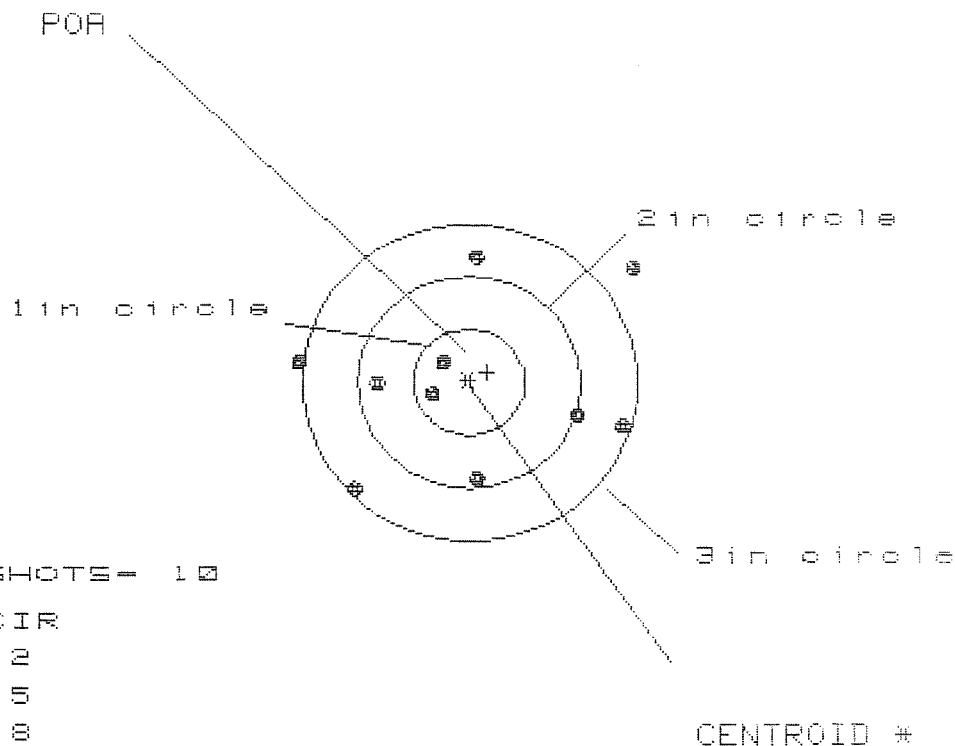
GS= 3.778

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.767	1.587	.741
MINIMUM X	:	-1.619	-.688	-.490
MAXIMUM Y	:	.809	.675	.717
MINIMUM Y	:	-1.206	-.712	-.670
CENTROID X	:	-.185	-.005	-.203
CENTROID Y	:	.003	.137	.095
POA TO CENTROID in.	:	.185	.137	.224
MIN RADIUS	:	.177	.387	.197
MEAN RADIUS	:	.830	.727	.558
MAX RADIUS	:	2.019	1.622	.857
HORIZONTAL SPREAD	:	3.386	2.275	1.231
VERTICAL SPREAD	:	2.015	1.387	1.387
EXTREME SPREAD	:	3.778	2.382	1.487
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 3.022

VS = 2.181

GS = 3.216

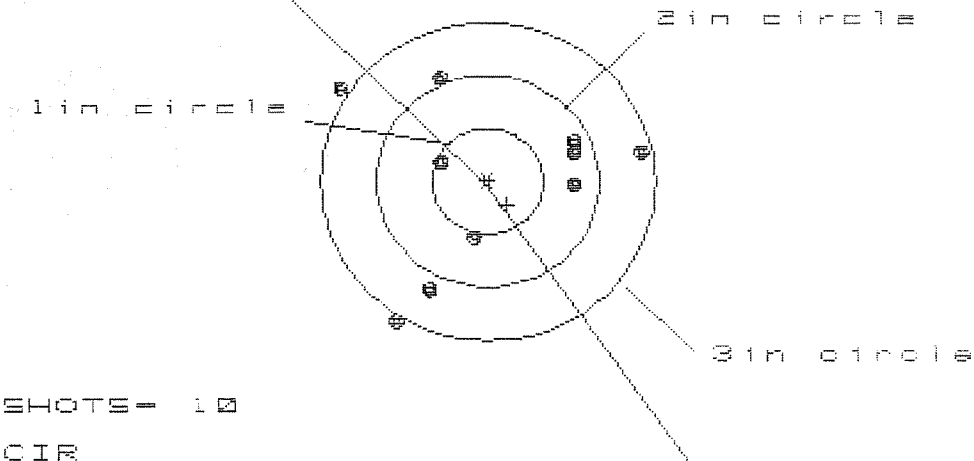
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.476	1.573	1.400
MINIMUM X	-1.546	-1.382	-1.013
MAXIMUM Y	1.214	1.335	1.372
MINIMUM Y	-.967	-.846	-.809
CENTROID X	-.169	-.333	-.160
CENTROID Y	-.089	-.210	-.247
POA TO CENTROID in.	.191	.393	.295
MIN RADIUS	.329	.155	.330
MEAN RADIUS	1.085	.963	.927
MAX RADIUS	1.829	1.594	1.417
HORIZONTAL SPREAD	3.022	2.955	2.413
VERTICAL SPREAD	2.181	2.181	2.181
EXTREME SPREAD	3.216	3.008	2.484
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225098

CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.749

VS = 2.337

GS = 2.808

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.401	1.251	1.130
MINIMUM X	:	-1.348	-.967	-.843
MAXIMUM Y	:	.997	1.094	.938
MINIMUM Y	:	-1.340	-1.243	-1.076
CENTROID X	:	-.175	-.025	.096
CENTROID Y	:	.223	.126	.282
POA TO CENTROID in.	:	.283	.129	.298
MIN RADIUS	:	.411	.536	.484
MEAN RADIUS	:	1.028	.950	.843
MAX RADIUS	:	1.604	1.575	1.367
HORIZONTAL SPREAD	:	2.749	2.218	1.973
VERTICAL SPREAD	:	2.337	2.337	2.014
EXTREME SPREAD	:	2.808	2.757	2.371
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225098
28 Oct 1993

CENTROIDAL DISTANCES

0 TO	1	.512247
1 TO	2	.690797
1 TO	3	.551572
1 TO	4	.668381
1 TO	5	.550568

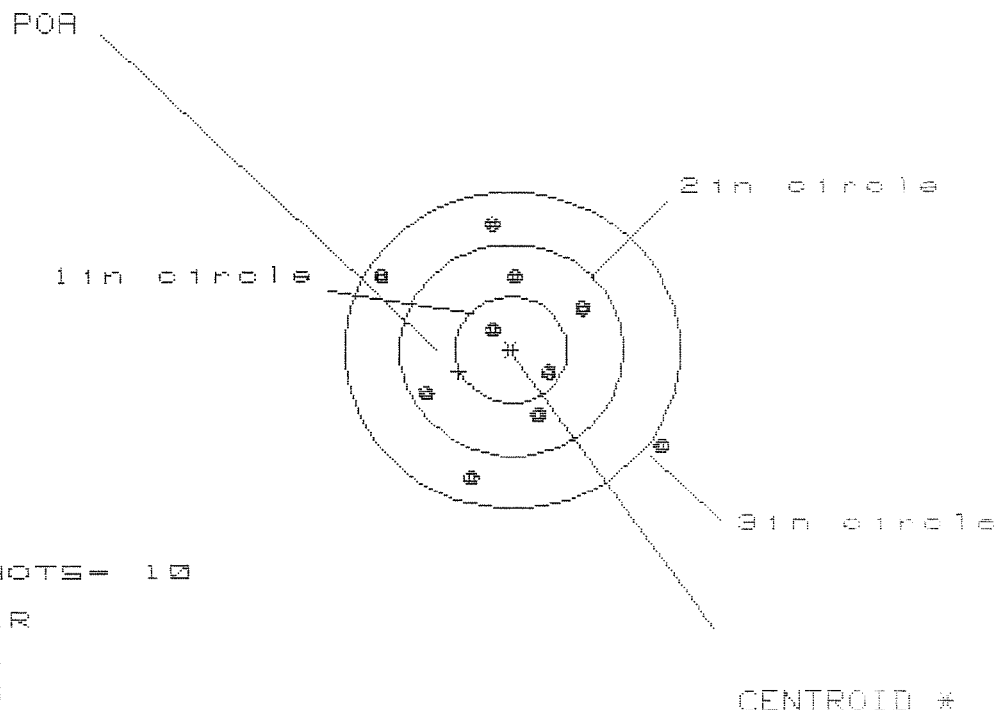
4 L <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .071
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0704
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0999858
THE AMR FOR THIS RIFLE IS: .9572

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225090

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.506

VS= 2.406

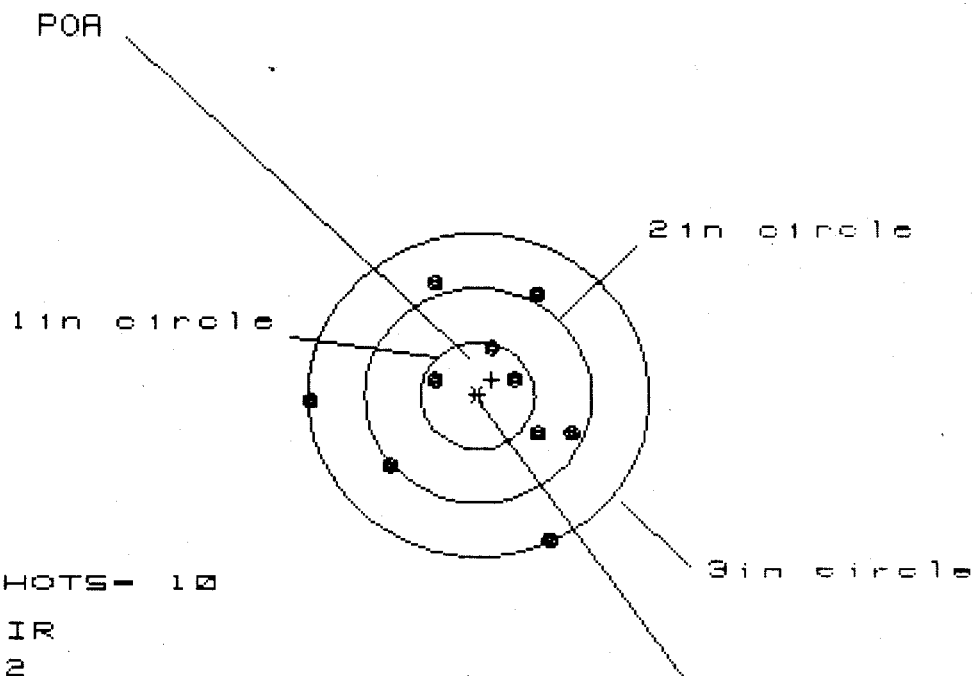
GS= 2.960

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	.815	.687
MINIMUM X	:	-1.174	-1.027	-.729
MAXIMUM Y	:	1.193	1.097	1.175
MINIMUM Y	:	-1.213	-1.309	-1.231
CENTROID X	:	.469	.322	.450
CENTROID Y	:	.206	.302	.224
POA TO CENTROID in.	:	.513	.441	.503
MIN RADIUS	:	.251	.099	.225
MEAN RADIUS	:	.909	.822	.766
MAX RADIUS	:	1.585	1.324	1.274
HORIZONTAL SPREAD	:	2.506	1.842	1.416
VERTICAL SPREAD	:	2.406	2.406	2.406
EXTREME SPREAD	:	2.960	2.415	2.415
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.353

VS= 2.404

GS= 2.593

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.839	.909	.729
MINIMUM X	:	-1.514	-1.444	-.852
MAXIMUM Y	:	1.016	.862	.841
MINIMUM Y	:	-1.388	-.834	-.855
CENTROID X	:	-.123	-.193	-.013
CENTROID Y	:	-.150	.004	.025
POA TO CENTROID in.	:	.194	.193	.028
MIN RADIUS	:	.340	.276	.189
MEAN RADIUS	:	.904	.814	.704
MAX RADIUS	:	1.524	1.454	1.208
HORIZONTAL SPREAD	:	2.353	2.353	1.581
VERTICAL SPREAD	:	2.404	1.696	1.696
EXTREME SPREAD	:	2.593	2.381	2.058
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 9

HS= 1.984

VS= 2.456

GS= 2.710

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.052	1.123	.580
MINIMUM X	:	-.932	-.861	-.721
MAXIMUM Y	:	1.375	1.287	1.405
MINIMUM Y	:	-1.081	-.928	-.810
CENTROID X	:	.075	.004	-.136
CENTROID Y	:	-.180	-.333	-.451
POA TO CENTROID in.	:	.195	.333	.471
MIN RADIUS	:	.517	.565	.382
MEAN RADIUS	:	1.053	.981	.884
MAX RADIUS	:	1.514	1.467	1.471
HORIZONTAL SPREAD	:	1.984	1.984	1.301
VERTICAL SPREAD	:	2.456	2.215	2.215
EXTREME SPREAD	:	2.710	2.567	2.285
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 4

2 in - 5

3 in = 10

HS- 1.991

VS= 2.225

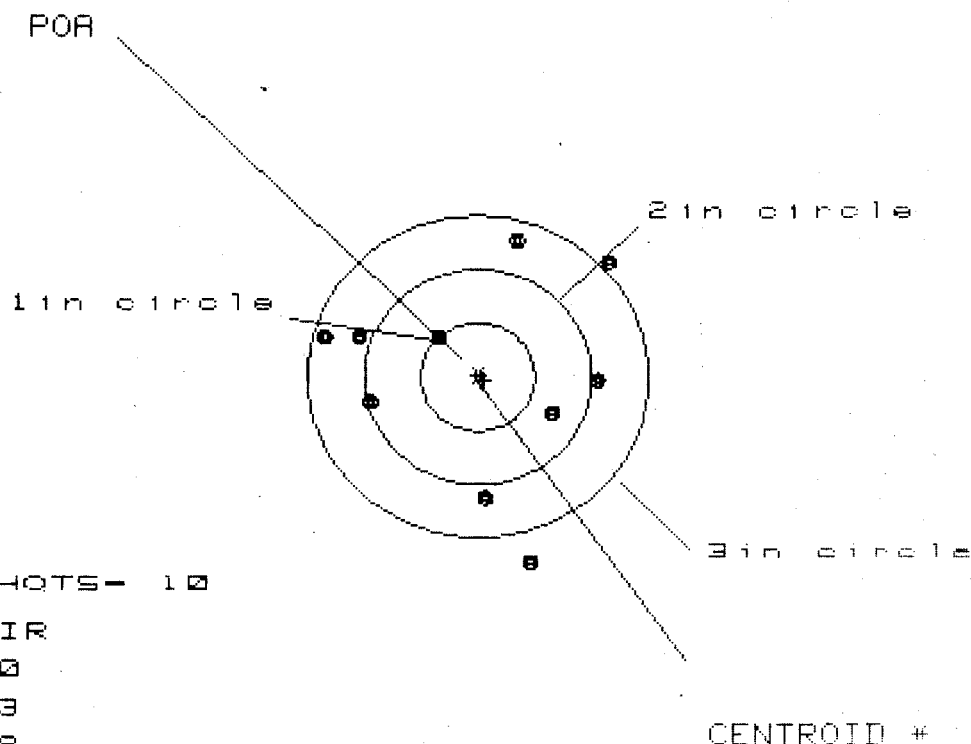
GS= 2.322

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.871	.947	1.012
MINIMUM X	:	-1.119	-1.044	-.979
MAXIMUM Y	:	1.165	1.047	1.056
MINIMUM Y	:	-1.060	-.761	-.630
CENTROID X	:	-.014	-.090	-.155
CENTROID Y	:	-.256	-.138	-.269
POA TO CENTROID in.	:	.256	.165	.311
MIN RADIUS	:	.170	.100	.077
MEAN RADIUS	:	.751	.688	.586
MAX RADIUS	:	1.259	1.215	1.192
HORIZONTAL SPREAD	:	1.991	1.991	1.991
VERTICAL SPREAD	:	2.225	1.808	1.686
EXTREME SPREAD	:	2.322	2.159	2.159
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225098

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.519

VS= 2.929

GS= 2.930

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.135	1.184	1.294
MINIMUM X	-1.384	-1.335	-1.187
MAXIMUM Y	1.230	1.041	1.157
MINIMUM Y	-1.699	-1.355	-1.239
CENTROID X	-.052	-.101	-.249
CENTROID Y	.028	.217	.101
POA TO CENTROID in.	.059	.239	.268
MIN RADIUS	.530	.370	.356
MEAN RADIUS	1.169	1.086	1.014
MAX RADIUS	1.754	1.505	1.302
HORIZONTAL SPREAD	2.519	2.519	2.481
VERTICAL SPREAD	2.929	2.396	2.396
EXTREME SPREAD	2.930	2.620	2.525
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

New Barrel

GUN SERIAL # C6225098

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		10/4/93	RW
600	Proof		10/4/93	RW
607	Check Headspace		10/4/93	RW
610	Dis-assemble Gun		10/4/93	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		10/27/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/27/93	RW
	C) Inspect Ejector Hole for Chamfer		10/27/93	RW
	D) Oil Firing Pin Ass'y		10/27/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/27/93	RW

BARBER - M24 0048860

op. #	OP. NAME	READINGS					DATE	INIT
65 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						10/27/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						10/27/93	RW
655	Final Inspection							
	A) Headspace						10/27/93	RW
	B) Trigger Pull	2.17	2.17	2.18	2.17	2.23	10/27/93	RW
	C) Function						10/27/93	RW
660	Pack							

RECEIVING BARBER M24 0048900

COMMENTS

ORDER

R93-20756

INITIAL CUSTOMER ORDER NO.

M-24 W/ULTRA 10X-M3A SCOPE/ATTN:FRED MARTIN

FPS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

09/30/93

09/30/93

LI 2-88

C6225098

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE MNTS

SCOPE BASE

HARD CASE

FROM:

SHIP TO:

DEPT OF THE ARMY
B CO. 1/75TH RGR REGT.
ATTN: ARMORER BLDG. 1279A
HAAF GA 31409

DEPT OF THE ARMY
B CO. 1/75TH RGR REGT.
ATTN: ARMORER BLDG. 1279A
HAAF GA 31409

CUST NO: 084578 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

Barrel

PARTS

COMMENTS

Barrel Assy - 96002

Re-powder Coat - Floor plate,
Latch, Trigger Guard, Front &
Rear Sight Bases.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0048900

MAINTENANCE REQUEST						PAGE NO.	NO OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)						
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG														
SECTION I - EQUIPMENT DATA														
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION					
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION B Co Vss Rgr Regt			B. LOCATION Blac 1279 A HAAE GA 3149 WAL3BO				C. UNIT IDENT CODE					
2. SERIAL NO. 6225098		3. NOUN NOMENCLATURE 7.62 mm Rifle			4. LINE NO. R95387		5. MODEL m 24		6. NATIONAL STOCK NUMBER 1005-01-240-2136					
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS 10000 +	13. STARTS				
14. FAILURE DETECTED DURING (Select one - use ☒ or X) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☒ 387 Low Performance ☐ Other									
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). Fired over 10000 Rounds														
B. REMARKS Scope # 871149														
SECTION II - WORK ACCOMPLISHED														
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X) ☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				19. AMS ACCT. CODE				
B. LOCATION														
20A. ACT. CODE	B. FAILURE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.	D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST							
DEPARTMENT OF THE ARMY B Co Vss RGR Regt ATTN: Armorer Blac 1279 A HAAE GA 31409-5122 OFFICIAL BUSINESS PENALTY FOR PRIVATE USE \$300 512-0 Contract No.: DAAA09-92-C-0834 Remington Arms Company, Inc. ATTN: Fabricated Products Dept. 14 Horflier Avenue Ilion, New York 13357-1816														
IS COST								K. TOTAL PARTS COST						
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools								22. Data Transcribed						
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One) ☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☒ C Salvaged				
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE						

BARBER - M24 0048863

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225098
27 Oct 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .04
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .004
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0401995

THE AMR FOR THIS RIFLE IS: 1.005

CENTROIDAL DISTANCES

0 TO	1	.230489
1 TO	2	.283064
1 TO	3	.762168
1 TO	4	.466744
1 TO	5	.343919

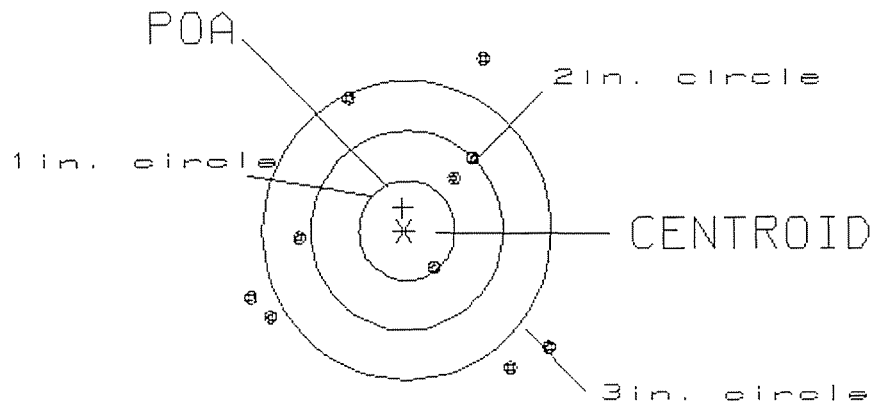
3
4
2 + <----POA
1
5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .230
 MIN RADIUS : .441
 MEAN RADIUS : 1.367
 MAX RADIUS : 1.924
 CENTROID X : .015
 CENTROID Y : -.230

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225098

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.14

1

VS= 3.06

2

GS= 3.43

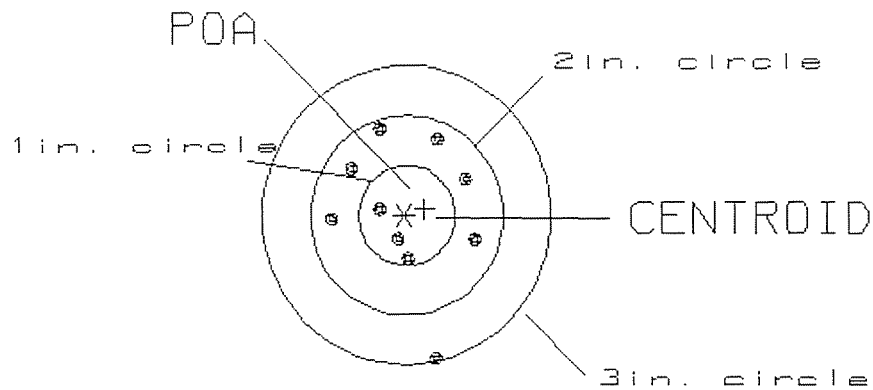
5

PATTERN #: 2
 POA TO CENTROID: .225
 MIN RADIUS : .285
 MEAN RADIUS : .720
 MAX RADIUS : 1.451
 CENTROID X : -.215
 CENTROID Y : -.065

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225098

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.54

3

VS= 2.29

9

GS= 2.37

10

BARBER - M24 0048866

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .533

MIN RADIUS : .310

MEAN RADIUS : 1.176

MAX RADIUS : 2.097

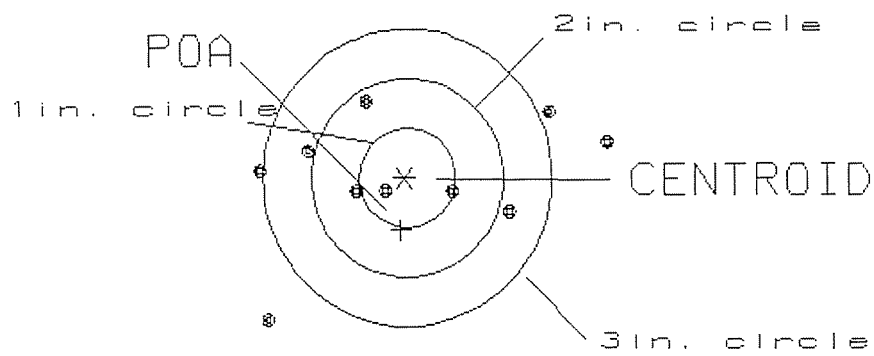
CENTROID X : .031

CENTROID Y : .532

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225098

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.55

1

VS= 2.24

4

GS= 3.97

7

BARBER - M24 0048867

REMINGTON CENTERFIRE ACCURACY TEST

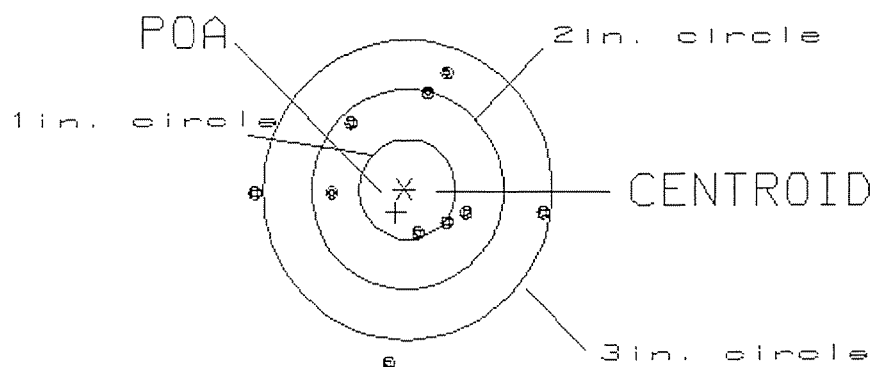
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
POA TO CENTROID: .247
MIN RADIUS : .447
MEAN RADIUS : 1.037
MAX RADIUS : 1.728
CENTROID X : .088
CENTROID Y : .231

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225098

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.98

1

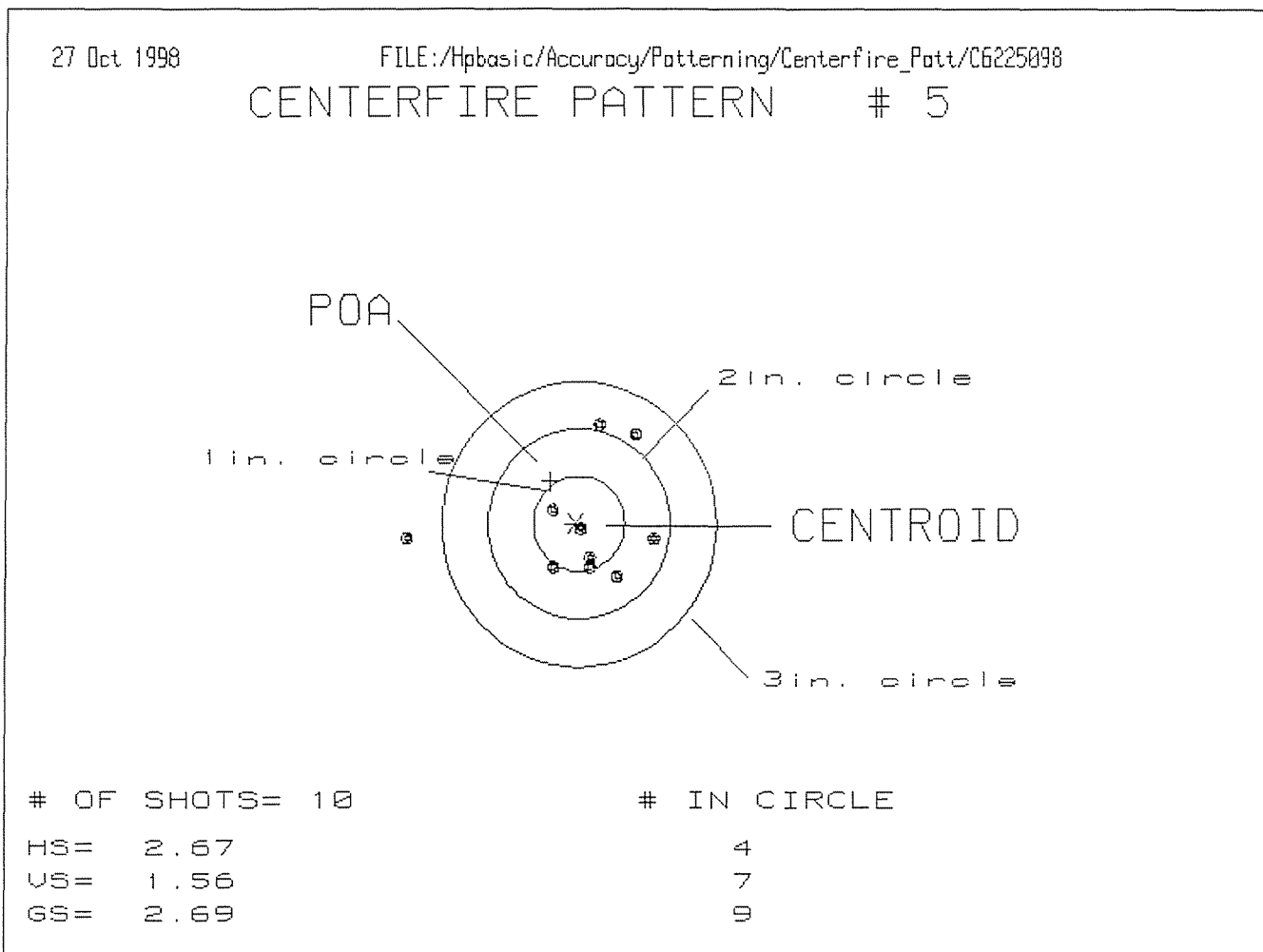
VS= 2.94

6

GS= 2.99

3

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .529
 MIN RADIUS : .104
 MEAN RADIUS : .727
 MAX RADIUS : 1.881
 CENTROID X : .281
 CENTROID Y : -.448



[illegible]

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

RETURN ADDRESS

ATTN PBO (CW3 HUMES)
CDR 1/75TH RGR REGT (BLDG 1036)
43 LIBERATOR RD STE 102
HUNTER AAF GA 31409-4314
OFFICIAL BUSINESS
512-0

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM: HHC 1/75TH RANGER REGT.		TO: PBO 1/75TH RANGER REGT.		HAND RECEIPT NUMBER	
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER 1005-01-240-2136	END ITEM DESCRIPTION 7.62mm M24 SNIPER WEAPON SYSTEM	PUBLICATION NUMBER TM 9-1005-306-10		PUBLICATION DATE JUNE 1989	QUANTITY 6	
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F
1005012602662		SYSTEM CASE		U	EA	1	6 1
1005012602663		FOAM, TOP		U	EA	1	6 1
1005012602664		FOAM, BOTTOM		U	EA	1	6 1
1005012622818		SOFT RIFLE CARRYING CASE		U	EA	1	0 0
1005007141245		SLING, SMALL ARMS		U	EA	1	0 0
1005012602665		BIPOD(OPTIONAL)		U	EA	1	6 1
1005012602647		DEPLOYMENT CASE		U	EA	1	0 0
1005012602666		DAY OPTIC SIGHT CASE		U	EA	1	0 0
NSN		DEPLYMENT KIT		U	KT	1	0 0
NSN		FRONT SIGHT		U	EA	1	0 0
NSN		REAR SIGHT		U	EA	1	0 0
NSN		DAY OPTIC SIGHT SN #881268, 881280, 881284, 881290, 881202, 881294		U	EA	1	6 1
1001012402136		RIFLE SN #C6225098, C6225114, C6225164, C6225283, C6225368, C6225260		U	EA	1	6 1

* WHEN USED AS A:
HAND RECEIPT, enter Hand Receipt Annex Number
HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).