

C6225550

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: RE00147674

Serial: C6225550 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/17/2008 8:23:04 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
A017	Scope Base	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2008

8:09 AM

CAPS

NUM

INS

SCRL



8:09 AM

Number: C6225550

Model: M24 SWS



RE00147674

Reset

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

R & E NUMBER 147674
SERIAL NUMBER C6225550
LOG IN DATE 7-17-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		9-25-08	RTZ
505	RE-BARREL		9-30-08	RTZ
560	ASSEMBLE		9-30-08	RTZ
600	PROOF	MAGNA - FLUX	10-2-08	A.P.D.
605	CHECK HEADSPACE		10-2-08	A.P.D.
610	DIS-ASSEMBLE GUN		10-2-08	A.P.D.
612	MAGNAFLUX	OPERATOR (A)	10/8/08	(A)
510	DRILL AND TAP		10-6-08	SP
615	ROLLMARK CALIBER		10/8/08	RT
618	ROTO-BLAST			
620	APPLY COATINGS		10/11	C
625	FINAL ASSEMBLY		10-15-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-16-08	TC
650	TARGET	PASS FAIL	10-16-08	TC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		10-16-08	Ren
	A) HEADSPACE	PASS FAIL	10-22-08	RT
			10-22-08	RT
	BI TRIGGER PULL	2.40 2.44 2.43 2.43 2.40	10-17-08	TC
680	F) SAFETY ON FORCE	5.0 6.0 6.0	10-21-08	RT
	G) SAFETY OFF FORCE	5.0 5.0 5.0	10-21-08	RT
	I) FIRING PIN INDENT	.021 .021 .021	10-21-08	RT
690	PACK		10/24/08	Em

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225550.___0
FILE DATE AND TIME: 10/17/2008 06:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.098
The Average Y Centroid of the Five Target Set:	-0.117
The Average Point of Impact of the Five Target Set:	0.153
The Average Mean Radius of the Five Target Set:	0.690
The Distance from POA to Centroid Target #1:	0.193
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.349
The Distance from Centroid Target #4 to Centroid Target #1:	0.340
The Distance from Centroid Target #5 to Centroid Target #1:	0.142

SERIAL NUMBER: C6225550. __ 0

TARGET NUMBER: 1

FILE DATE: 10/17/2008

FILE TIME: 06:40

POINT#	X	Y
1:	0.224	-1.192
2:	-0.951	-0.292
3:	-0.539	0.996
4:	0.641	0.466
5:	0.770	0.029
6:	0.375	-0.193
7:	0.347	-0.422
8:	0.129	-0.593
9:	0.081	-0.304
10:	-0.244	-0.241

X CENTROID: 0.083

Y CENTROID: -0.175

POA TO CENTROID: 0.193

HORZ SPREAD: 1.721

VERT SPREAD: 2.188

GROUP SPREAD: 2.317

MIN RADIUS: 0.129

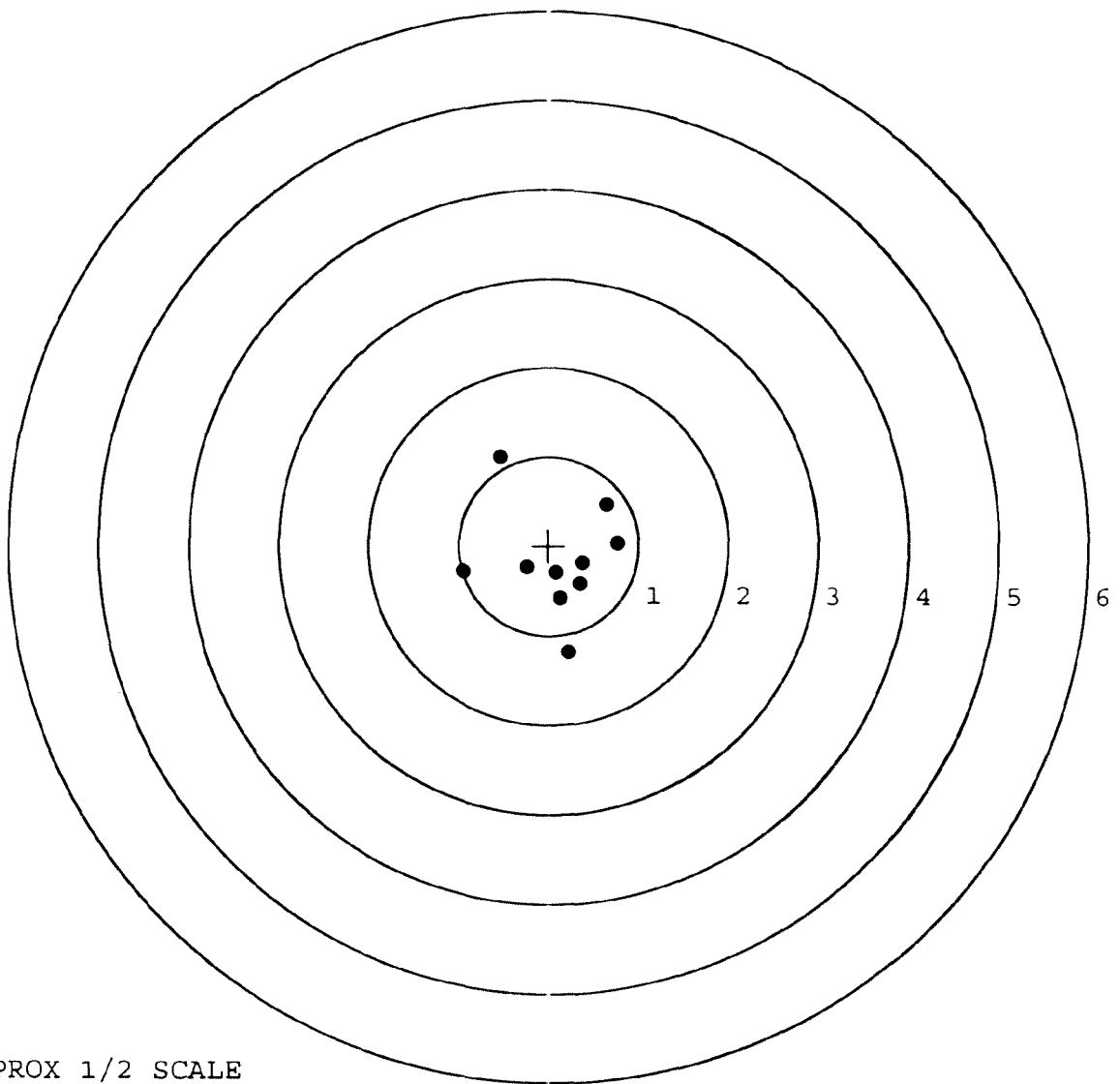
MAX RADIUS: 1.326

MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225550. __0

TARGET NUMBER: 2

FILE DATE: 10/17/2008

FILE TIME: 06:40

POINT#	X	Y
1:	0.649	-1.003
2:	-0.737	0.969
3:	-0.672	0.425
4:	-0.685	0.170
5:	-0.286	-0.235
6:	-0.179	0.423
7:	0.145	0.519
8:	0.226	0.223
9:	0.238	-0.101
10:	0.554	-0.355

X CENTROID: -0.075

Y CENTROID: 0.104

POA TO CENTROID: 0.128

HORZ SPREAD: 1.386

VERT SPREAD: 1.972

GROUP SPREAD: 2.410

MIN RADIUS: 0.324

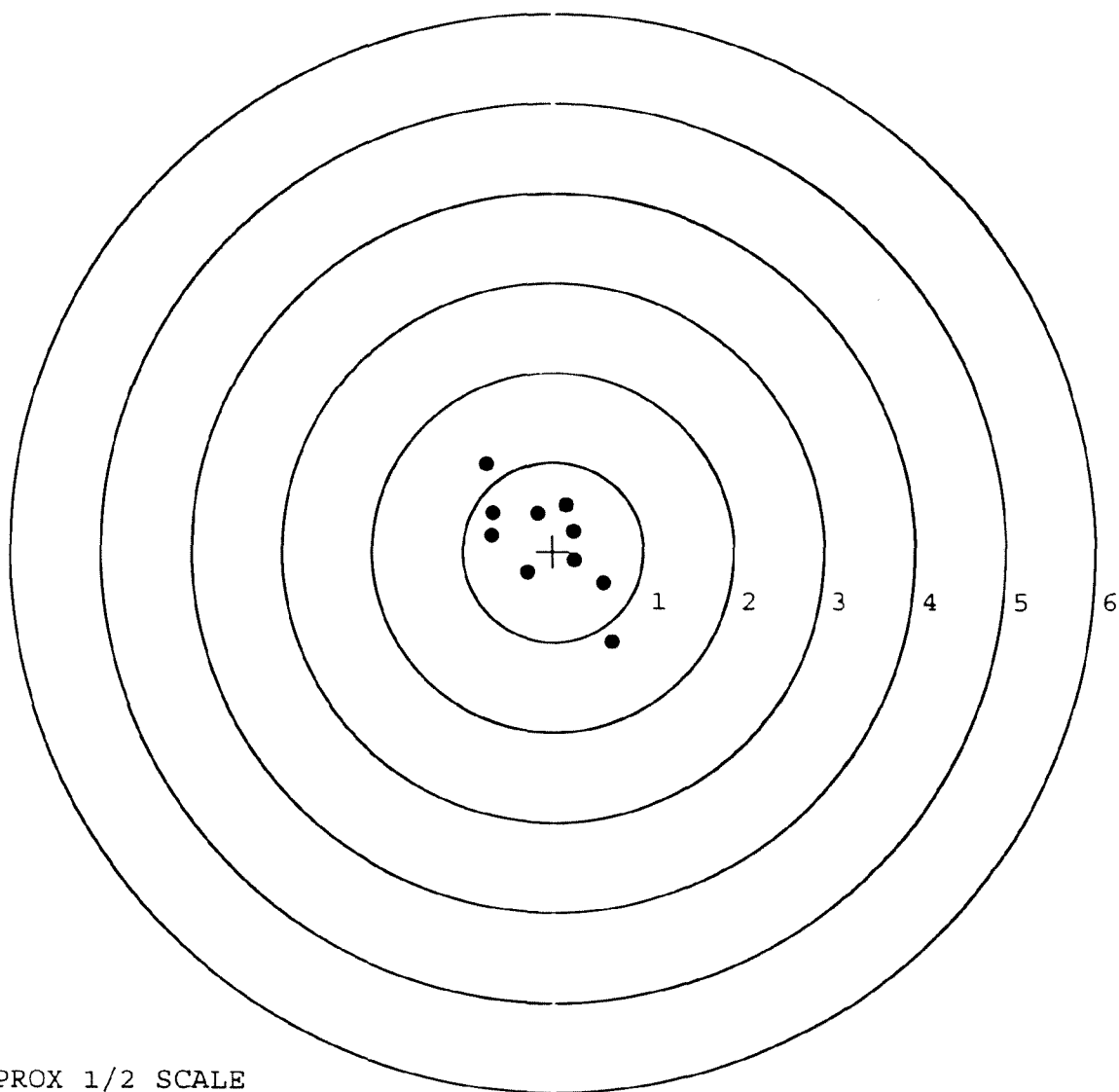
MAX RADIUS: 1.322

MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225550. __0

TARGET NUMBER: 3

FILE DATE: 10/17/2008

FILE TIME: 06:40

POINT#	X	Y
1:	0.126	-1.138
2:	0.219	-1.240
3:	0.294	-1.463
4:	-0.165	-0.632
5:	0.387	-0.218
6:	0.276	0.088
7:	0.931	-0.246
8:	1.369	-1.046
9:	0.246	0.600
10:	0.161	1.793

X CENTROID: 0.384

Y CENTROID: -0.350

POA TO CENTROID: 0.520

HORZ SPREAD: 1.534

VERT SPREAD: 3.256

GROUP SPREAD: 3.259

MIN RADIUS: 0.132

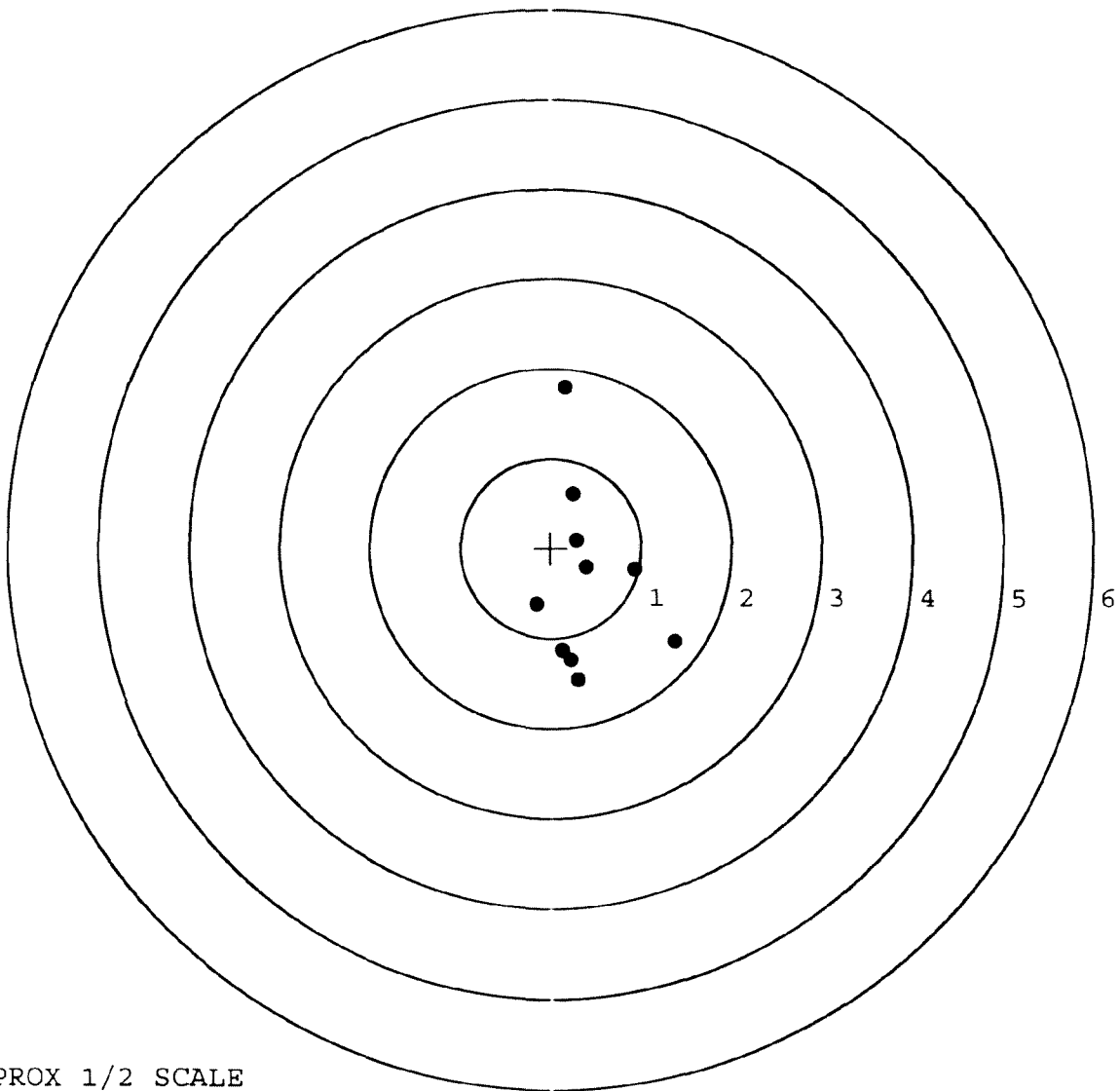
MAX RADIUS: 2.155

MEAN RADIUS: 0.893

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225550. __0

TARGET NUMBER: 4

FILE DATE: 10/17/2008

FILE TIME: 06:40

POINT#	X	Y
1:	1.095	0.346
2:	0.499	0.095
3:	0.421	-0.179
4:	-0.245	-0.370
5:	-0.521	-0.191
6:	-0.816	0.136
7:	-0.568	0.330
8:	-0.168	0.256
9:	0.224	0.445
10:	0.064	0.675

X CENTROID: -0.001

Y CENTROID: 0.154

POA TO CENTROID: 0.154

HORZ SPREAD: 1.911

VERT SPREAD: 1.045

GROUP SPREAD: 1.923

MIN RADIUS: 0.195

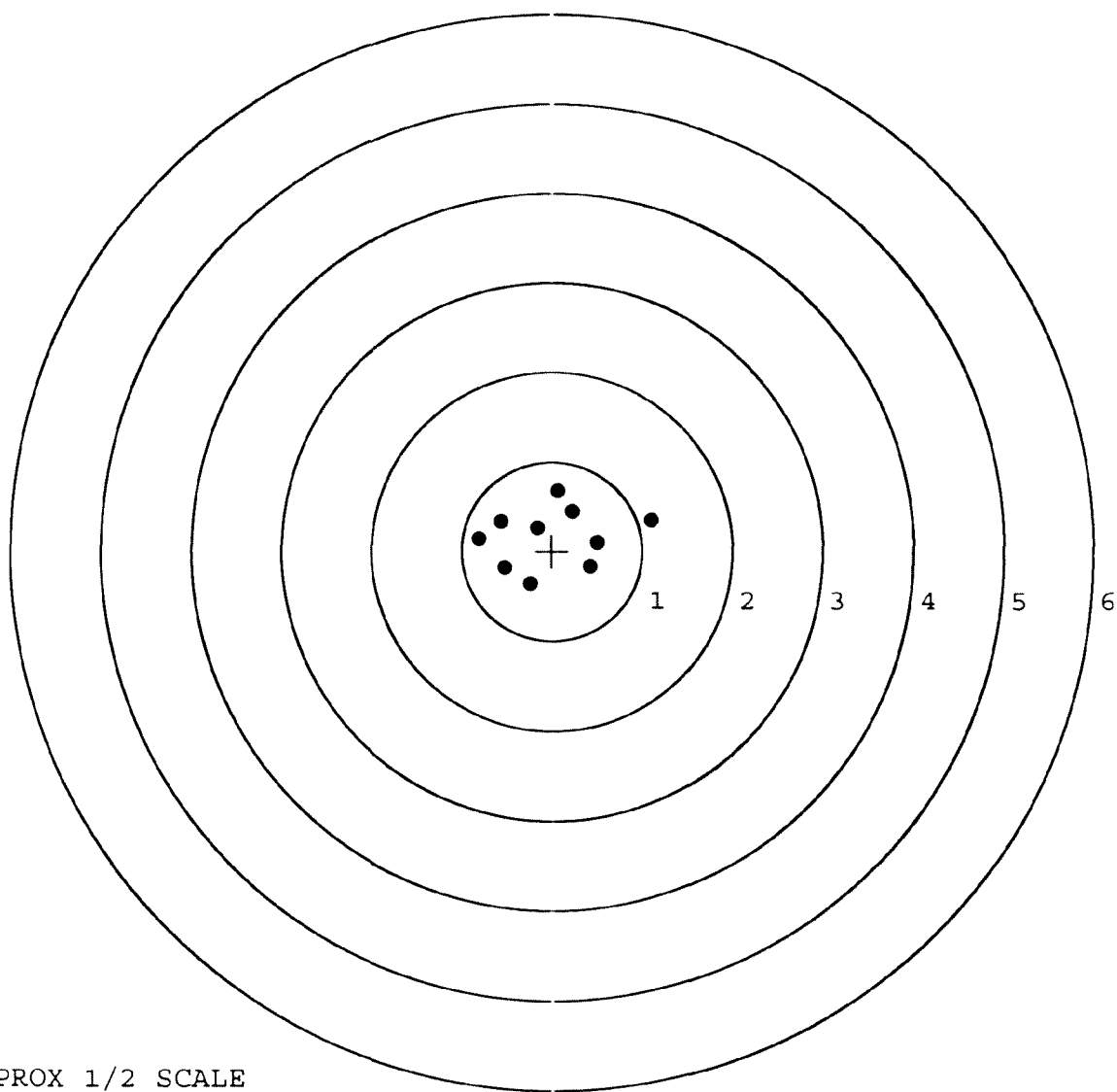
MAX RADIUS: 1.113

MEAN RADIUS: 0.585

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

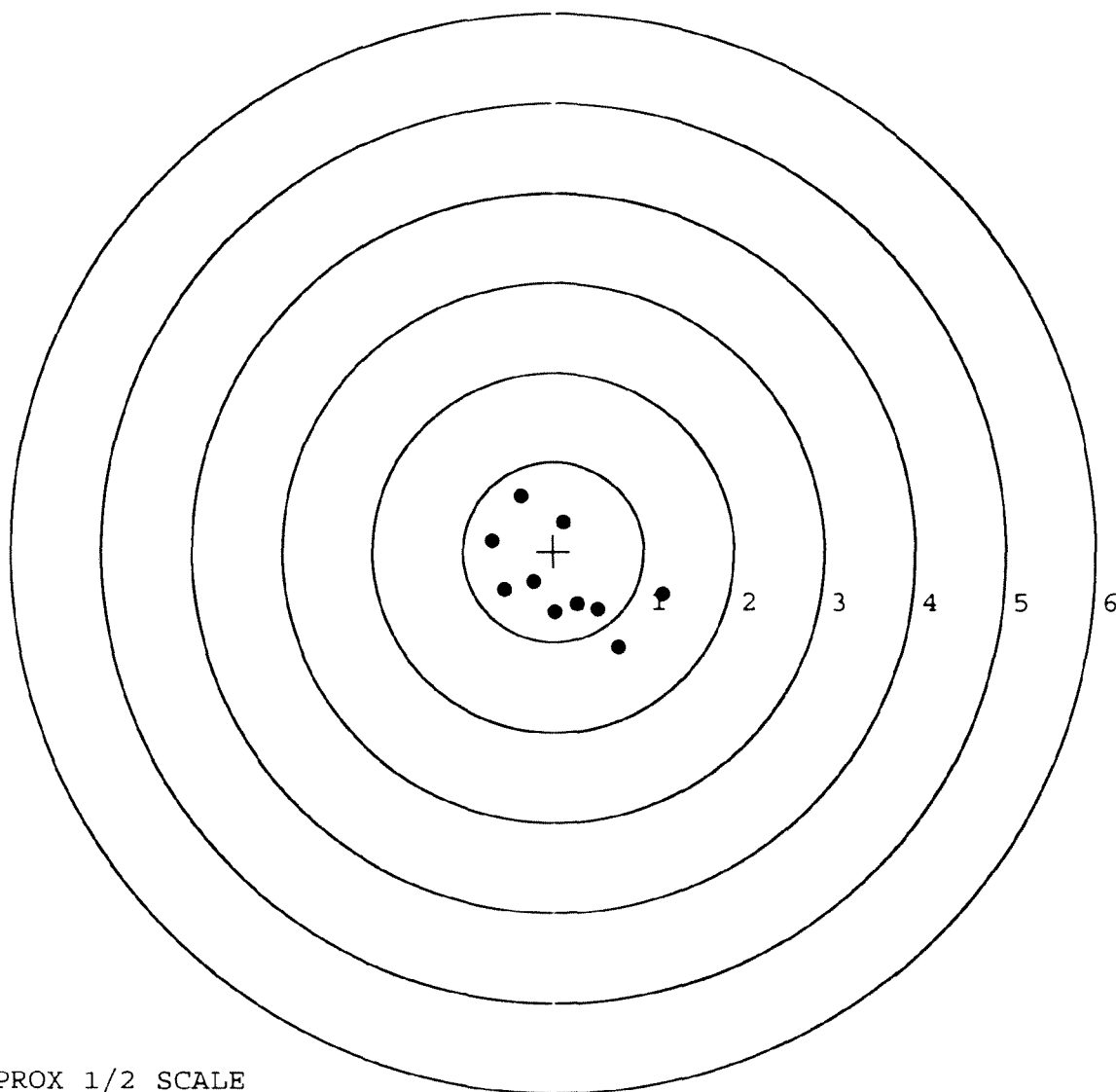


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225550. __0
TARGET NUMBER: 5
FILE DATE: 10/17/2008
FILE TIME: 06:40

X CENTROID: 0.100
Y CENTROID: -0.316
POA TO CENTROID: 0.332
HORZ SPREAD: 1.894
VERT SPREAD: 1.678
GROUP SPREAD: 1.986
MIN RADIUS: 0.315
MAX RADIUS: 1.123
MEAN RADIUS: 0.683
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.212	-0.479
2:	0.718	-1.062
3:	0.489	-0.642
4:	0.262	-0.586
5:	0.020	-0.676
6:	-0.221	-0.345
7:	-0.542	-0.427
8:	-0.682	0.117
9:	-0.364	0.616
10:	0.113	0.324



TARGET APPROX 1/2 SCALE

SCORE #
1283

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225550

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble gun	9 19 88		RW
612	Magnaflux Barrel Action		9 22 88	pfc.
	Magnaflux Bolt		9 22 88	pfc.
615	Rollmark Caliber		10/12	WC
617	Drill & Tap Sight Holes		10/12	FB
618	Polish Barrel		10/12	WJ
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/9/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/9/88	RW
	C) Inspect Ejector Hole for Chamfer		11/9/88	RW

OVER

OP.#	READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y	11/9/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake	10/NOV88	je
	F) Safety on Force	5 5 5 14/NOV88	JSB
	G) Safety off Force	4 4 4 14/NOV88	JSB
	H) Trigger Pull Test & Retainability	16/NOV88	je
	I) Firing Pin Indent	.0215 .0215 .0215 14/NOV88	JSB
	J) Assemble Stock	11/14/88	RW
	K) Attach Front & Rear Sight Assemblies	11/14/88	RW
	L) Iron Sight Alignment	11/14/88	RW
	M) Detach Front & Rear Sights & place in numbered container	11/14/88	RW
	N) Attach Scope to Rifle	11/14/88	WB
	O) Detach & Attach Scope 20 times	11/14/88	W.B.
640	Gallery Target & Test	64 R 86 L 11/15/88	A.C.
	A) Optical Clarity of Scope	11/15/88	je
645	Inspect for Live Ammo	11/15/88	je
655	Final Inspection		
	A) Headspace	30/NOV88	JSB
	B) Trigger Pull	2.34 2.36 2.39 2.36 2.41	JSB
	C) Function	30/NOV88	JSB
	D) Assemble Swivel Studs	30/NOV88	JSB
660	Pack	15/NOV88	JSB

0.2
SWS TRIGGER PULL TEST

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

SERIAL NO. C0225550
DATE 10/16/88
TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.18	2.49	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.17	2.50	2.36	
PULL #3	2.29	2.16	2.52	2.39	
PULL #4	2.33	2.54	2.49	2.36	
PULL #5	2.35	2.49	2.48	2.41	
TOTAL	11.59	11.54	12.48	11.86	
AVG.	2.318	2.308	2.496	2.372	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.29		
PULL #2	3.37	3.34		
PULL #3	3.37	3.32		
PULL #4	3.36	3.31		
PULL #5	3.36	3.35		
TOTAL	16.84	16.61		
AVG.	3.368	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.39		4.29
PULL #2	4.41	4.32		4.29
PULL #3	4.32	4.28		4.20
PULL #4	4.37	4.35		4.25
PULL #5	4.37	4.34		4.27
TOTAL	21.86	21.70		21.30
AVG.	4.372	4.34		4.26

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225550

CENTROIDAL DISTANCES

0 TO	1	.37718
1 TO	2	.690282
1 TO	3	.666123
1 TO	4	.717346
1 TO	5	.430698

$\frac{4.51}{3} \cdot 2$ <----POA

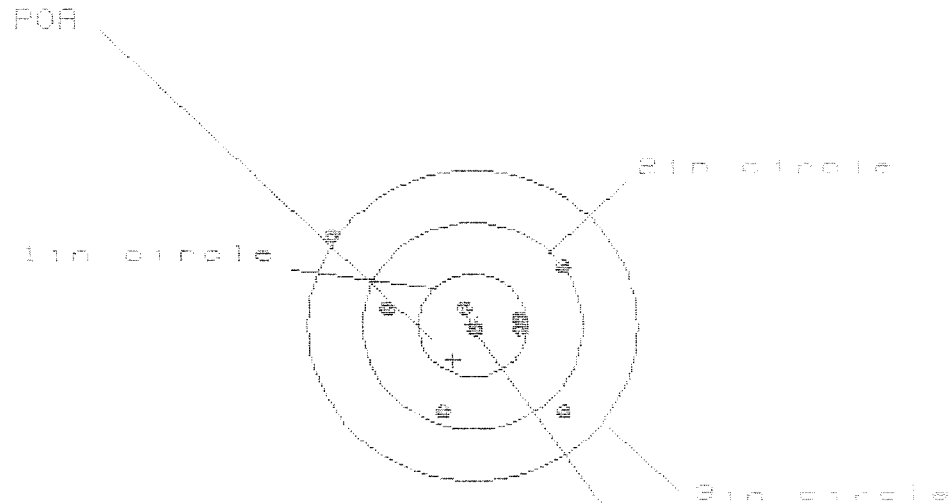
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0398
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0314
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0306951
 THE AMR FOR THIS RIFLE IS: .853

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225550

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 9

HS= 2.085

VS= 1.661

GS= 2.663

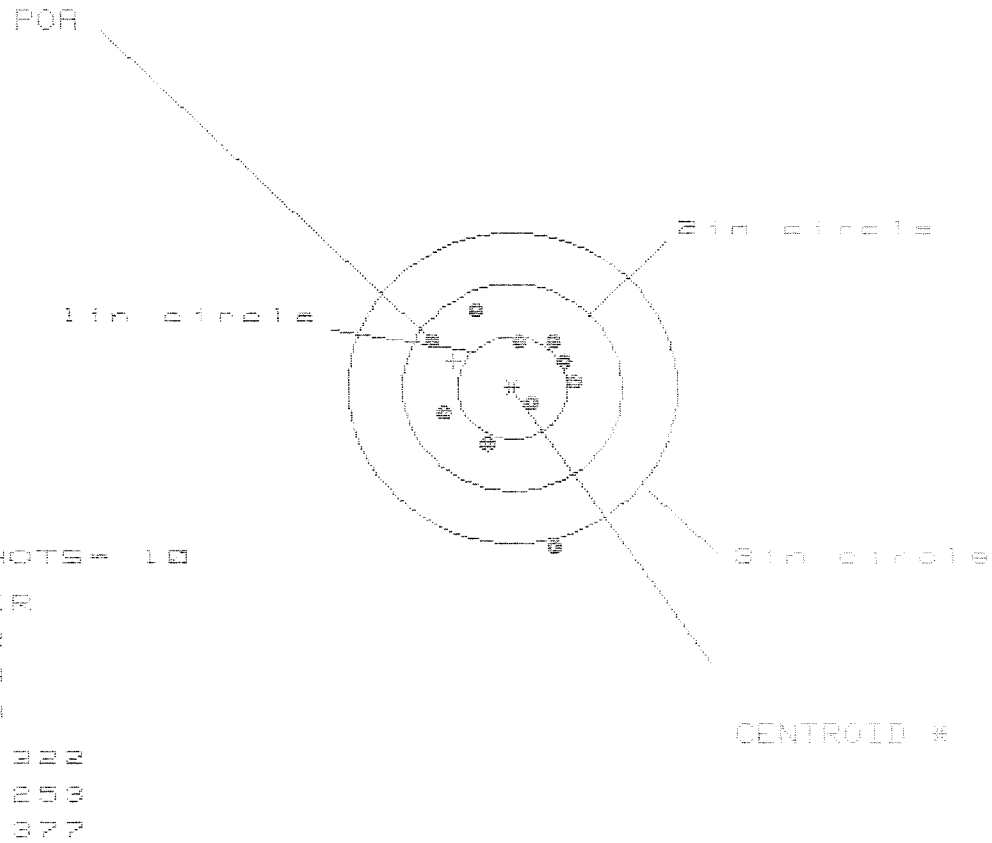
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.868	.665	.745
MINIMUM X	-1.288	-.917	-.884
MAXIMUM Y	.819	.612	.520
MINIMUM Y	-.842	-.751	-.843
CENTROID X	.179	.322	.239
CENTROID Y	.332	.241	.332
POA TO CENTROID in.	.377	.402	.409
MIN RADIUS	.017	.082	.062
MEAN RADIUS	.642	.541	.463
MAX RADIUS	1.526	.989	.927
HORIZONTAL SPREAD	2.096	1.582	1.579
VERTICAL SPREAD	1.661	1.363	1.363
EXTREME SPREAD	2.663	1.892	1.772
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

15 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225550

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 9

HS= 1.322

VS= 2.253

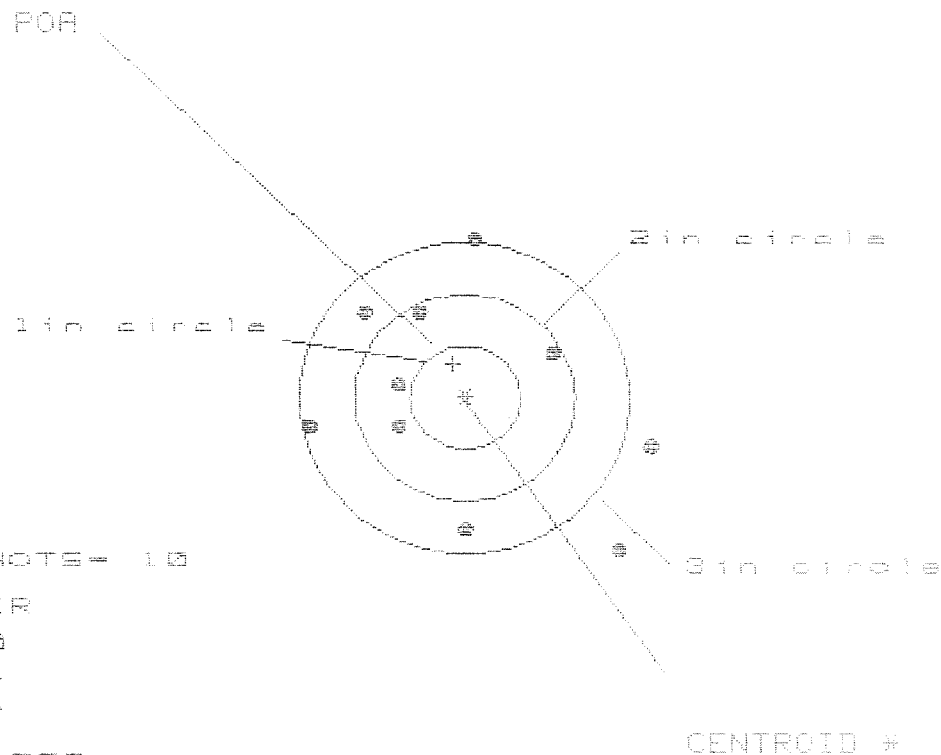
GS= 2.377

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.566	.612	.523
MINIMUM X	:	-.756	-.710	-.724
MAXIMUM Y	:	.757	.591	.622
MINIMUM Y	:	-1.496	-.671	-.640
CENTROID X	:	.534	.488	.577
CENTROID Y	:	-.260	-.094	-.125
POA TO CENTROID in.	:	.594	.497	.590
MIN RADIUS	:	.182	.335	.266
MEAN RADIUS	:	.684	.572	.529
MAX RADIUS	:	1.552	.778	.836
HORIZONTAL SPREAD	:	1.322	1.322	1.247
VERTICAL SPREAD	:	2.253	1.262	1.262
EXTREME SPREAD	:	2.377	1.365	1.297
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06825550

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS = 3.006

VS = 3.006

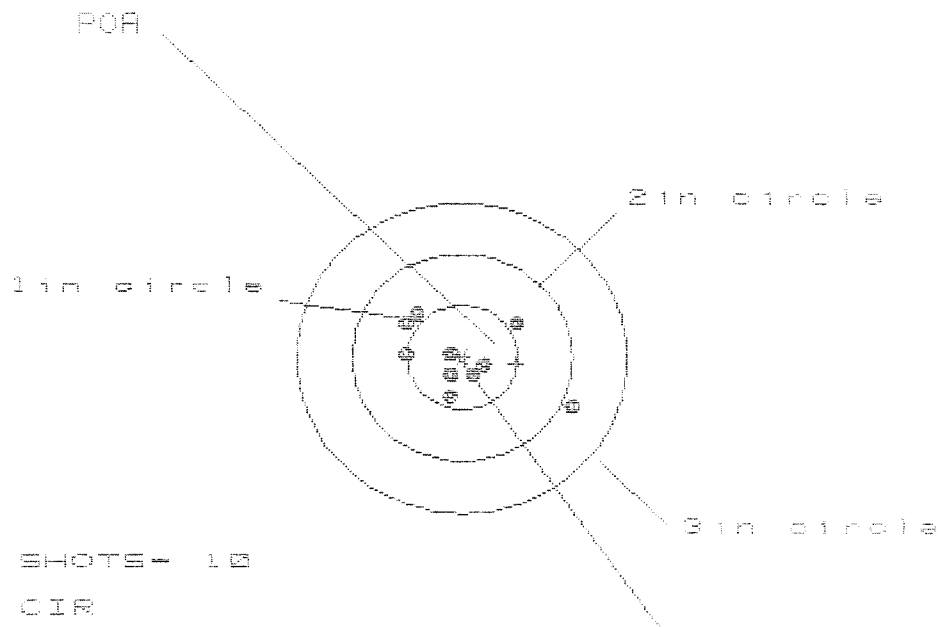
GS = 3.303

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.650	1.802	1.136
MINIMUM X	:	-1.356	-1.204	-0.979
MAXIMUM Y	:	1.504	1.337	1.283
MINIMUM Y	:	-1.502	-1.429	-1.503
CENTROID X	:	.105	-.047	-.272
CENTROID Y	:	-.330	-.163	-.089
POA TO CENTROID in.	:	.346	.169	.286
MIN RADIUS	:	.626	.491	.290
MEAN RADIUS	:	1.222	1.085	.928
MAX RADIUS	:	2.030	1.896	1.551
HORIZONTAL SPREAD	:	3.006	3.006	2.115
VERTICAL SPREAD	:	3.006	2.766	2.766
EXTREME SPREAD	:	3.303	3.010	2.766
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

15 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8285550

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.569

VS= .964

GS= 1.713

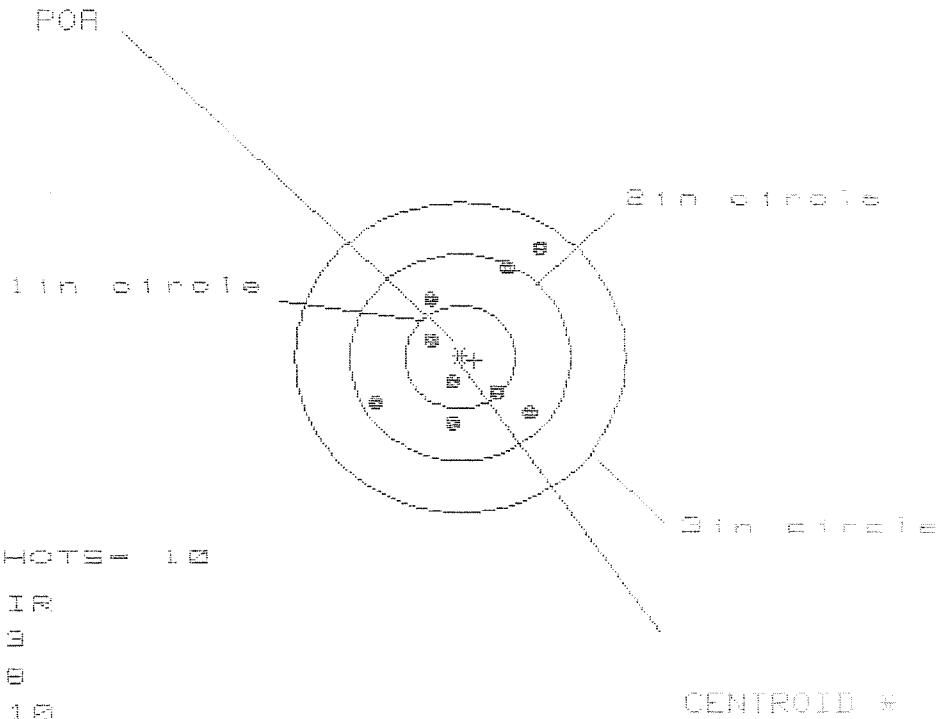
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.011	.618	.501
MINIMUM X	:	-.558	-.446	-.483
MAXIMUM Y	:	.457	.401	.321
MINIMUM Y	:	-.587	-.398	-.348
CENTROID X	:	-.488	-.600	-.563
CENTROID Y	:	.068	.124	.074
POA TO CENTROID in.	:	.492	.613	.563
MIN RADIUS	:	.081	.044	.031
MEAN RADIUS	:	.447	.367	.334
MAX RADIUS	:	1.131	.675	.664
HORIZONTAL SPREAD	:	1.569	1.064	1.064
VERTICAL SPREAD	:	.964	.799	.669
EXTREME SPREAD	:	1.713	1.095	1.095
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225550

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.537

VS= 1.638

GS= 2.117

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.752	.720	.788
MINIMUM X	:	-.785	-.701	-.633
MAXIMUM Y	:	1.023	1.012	.797
MINIMUM Y	:	-.615	-.501	-.375
CENTROID X	:	-.131	-.215	-.283
CENTROID Y	:	.083	-.081	-.207
POR TO CENTROID in.	:	.135	.230	.351
MIN RADIUS	:	.277	.170	.126
MEAN RADIUS	:	.718	.629	.543
MAX RADIUS	:	1.270	1.150	.842
HORIZONTAL SPREAD	:	1.537	1.421	1.421
VERTICAL SPREAD	:	1.638	1.513	1.172
EXTREME SPREAD	:	2.117	1.825	1.425
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225550
28 Oct 1993

CENTROIDAL DISTANCES

0 TO	1	.805733
1 TO	2	.94033
1 TO	3	.915909
1 TO	4	.525385
1 TO	5	.597778

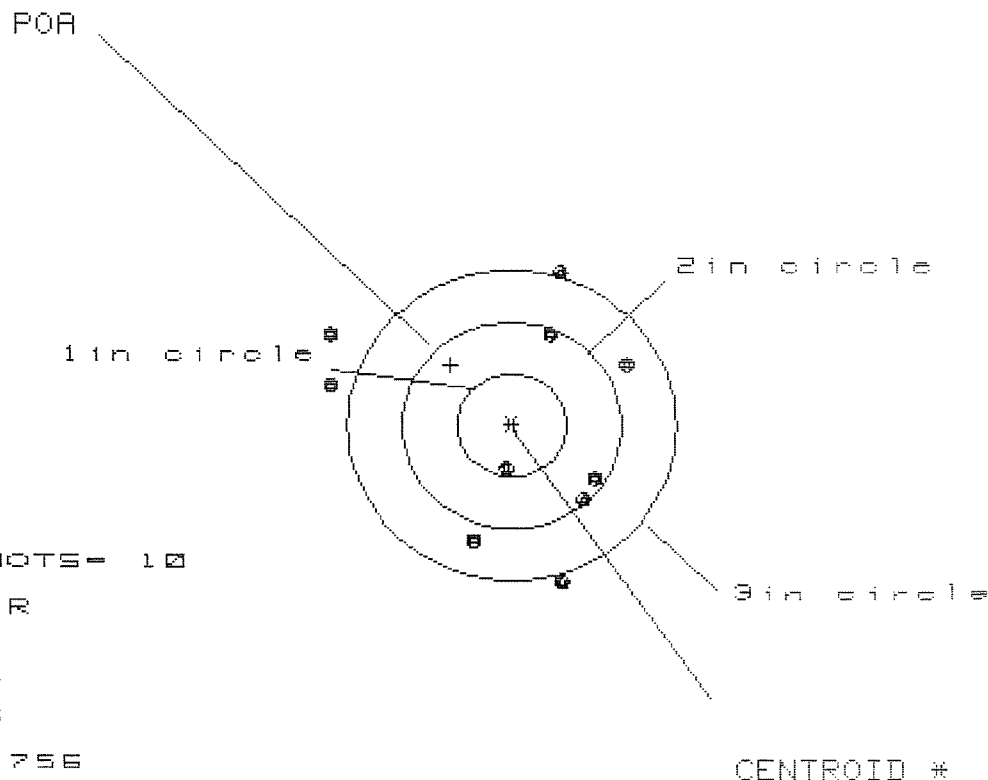
$\frac{3}{2} \frac{1}{4}$ < ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0302
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3658
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .367045
THE AMR FOR THIS RIFLE IS: 1.101

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225550

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.756

VS= 3.001

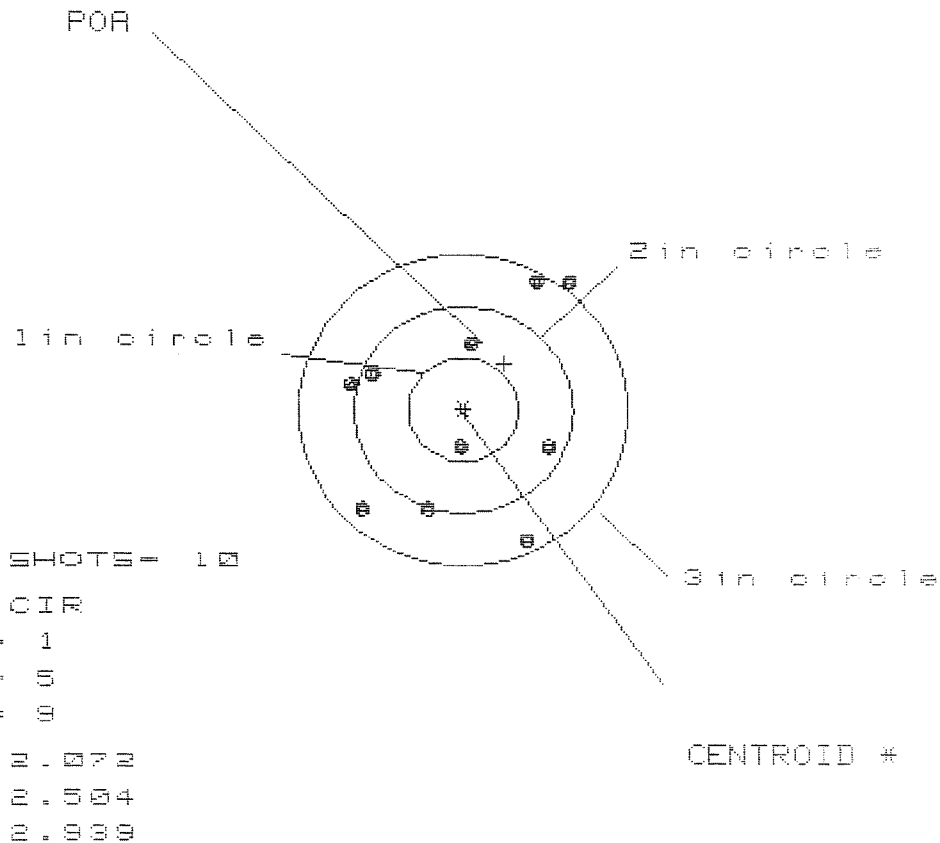
GS= 3.161

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.095	.910	.680
MINIMUM X	:	-1.662	-1.835	-.730
MAXIMUM Y	:	1.534	1.628	1.684
MINIMUM Y	:	-1.467	-1.373	-1.317
CENTROID X	:	.553	.738	.967
CENTROID Y	:	-.586	-.680	-.736
POA TO CENTROID in.	:	.806	1.003	1.215
MIN RADIUS	:	.385	.396	.467
MEAN RADIUS	:	1.224	1.112	.980
MAX RADIUS	:	1.865	1.889	1.684
HORIZONTAL SPREAD	:	2.756	2.745	1.411
VERTICAL SPREAD	:	3.001	3.001	3.001
EXTREME SPREAD	:	3.161	3.002	3.002
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

28 Oct 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C8225550

CENTERFIRE PATTERNS # 2

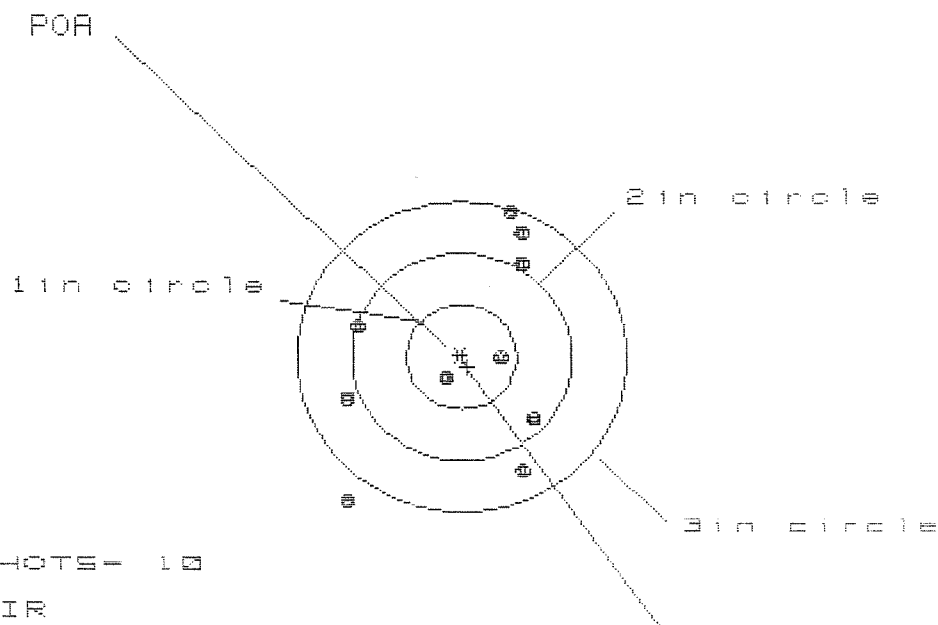


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.006	.917	1.010
MINIMUM X	:	-1.066	-.954	-.861
MAXIMUM Y	:	1.260	1.398	.959
MINIMUM Y	:	-1.244	-1.106	-.931
CENTROID X	:	-.377	-.489	-.582
CENTROID Y	:	-.447	-.584	-.759
POA TO CENTROID in.	:	.585	.762	.956
MIN RADIUS	:	.351	.221	.163
MEAN RADIUS	:	1.053	.968	.866
MAX RADIUS	:	1.596	1.583	1.226
HORIZONTAL SPREAD	:	2.072	1.871	1.871
VERTICAL SPREAD	:	2.504	2.504	1.890
EXTREME SPREAD	:	2.939	2.723	2.257
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 1.597

VS= 2.814

GS= 3.179

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.663	.548	.589
MINIMUM X	:	-1.034	-1.128	-1.079
MAXIMUM Y	:	1.377	1.217	1.237
MINIMUM Y	:	-1.437	-1.261	-1.189
CENTROID X	:	-.055	.060	.019
CENTROID Y	:	.099	.259	.187
POA TO CENTROID in.	:	.113	.266	.198
MIN RADIUS	:	.228	.291	.264
MEAN RADIUS	:	1.031	.946	.882
MAX RADIUS	:	1.771	1.321	1.335
HORIZONTAL SPREAD	:	1.697	1.668	1.668
VERTICAL SPREAD	:	2.814	2.478	2.346
EXTREME SPREAD	:	3.179	2.479	2.347
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

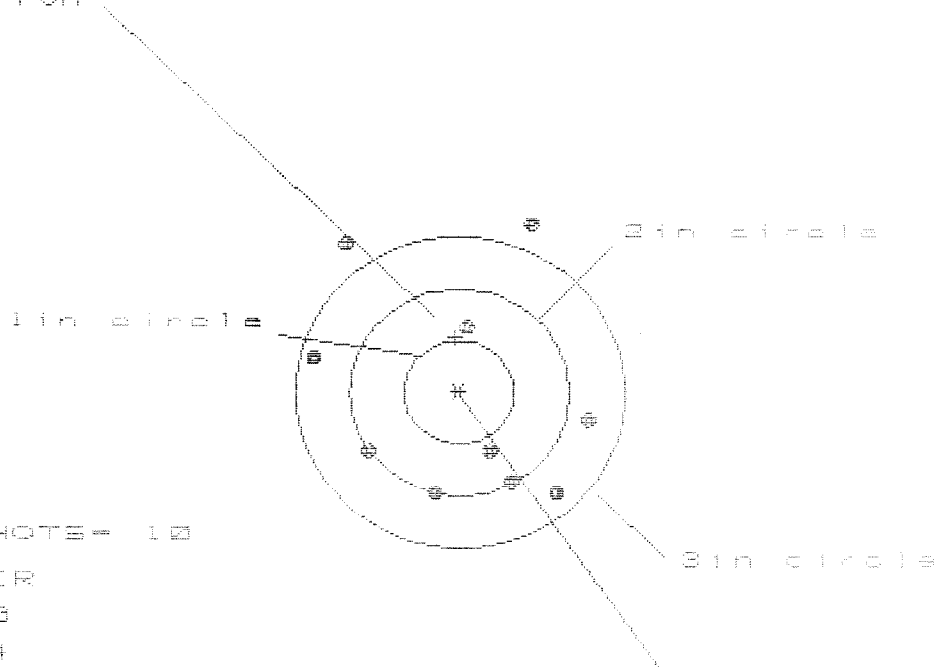
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CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

45 = 0.452

40 = 0.543

30 = 0.635

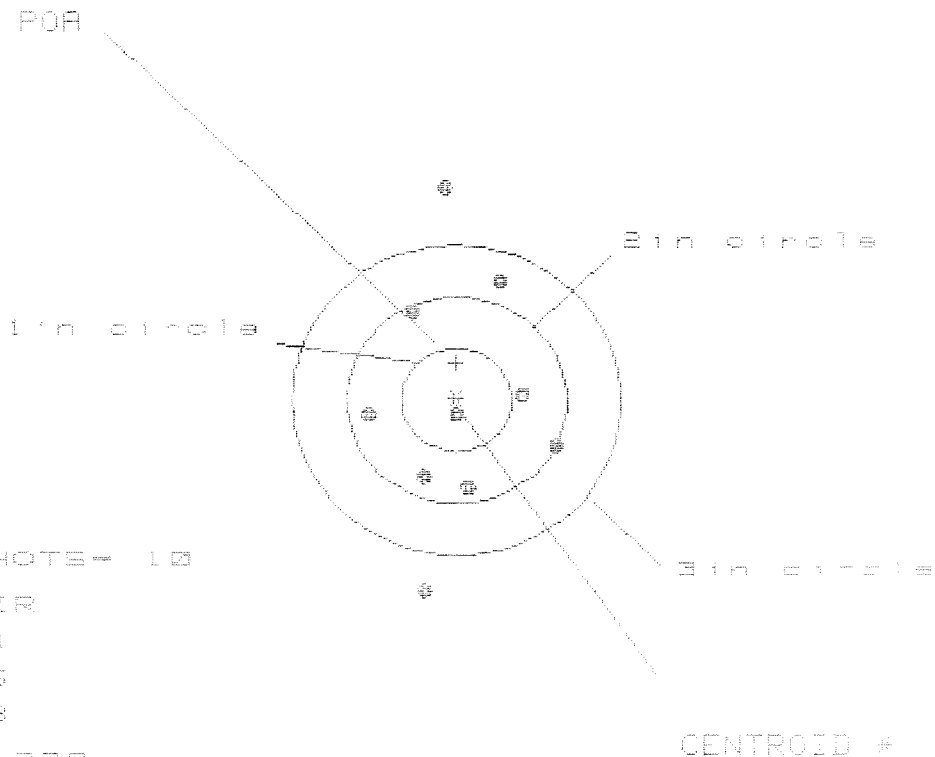
CENTROID *

PATTERN #	4	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.167	1.052	1.121
MINIMUM X	-1.285	-1.400	-1.331
MAXIMUM Y	1.593	1.758	1.062
MINIMUM Y	-0.950	-0.785	-0.566
CENTROID X	0.030	0.145	0.076
CENTROID Y	-0.536	-0.701	-0.920
POA TO CENTROID in.	0.537	0.715	0.923
MIN RADIUS	0.650	0.451	0.325
MEAN RADIUS	1.156	1.041	0.889
MAX RADIUS	1.807	1.843	1.508
HORIZONTAL SPREAD	2.452	2.452	2.452
VERTICAL SPREAD	2.543	2.543	1.628
EXTREME SPREAD	3.035	2.697	2.514
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 1.728

VS= 3.835

GS= 3.843

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.912	.901	.858
MINIMUM X	:	-.816	-.827	-.870
MAXIMUM Y	:	2.034	1.417	1.220
MINIMUM Y	:	-1.801	-1.575	-.835
CENTROID X	:	.000	.011	.055
CENTROID Y	:	-.359	-.585	-.389
POA TO CENTROID in.	:	.359	.585	.392
MIN RADIUS	:	.162	.086	.159
MEAN RADIUS	:	1.039	.891	.810
MAX RADIUS	:	2.036	1.613	1.267
HORIZONTAL SPREAD	:	1.728	1.728	1.728
VERTICAL SPREAD	:	3.835	2.992	2.655
EXTREME SPREAD	:	3.843	3.081	2.675
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225550

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

op. #	OP. NAME	READINGS					DATE	INIT
5 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	2.70	2.66	2.71	2.74	2.71	10/27/93	RW
	C) Function						10/27/93	RW
660	Pack							

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R93-20757

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	DI 9-88	C6225550		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

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO:084578 C.O.D

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R418454945
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

Bad Barrel

PARTS

COMMENTS

Barrel Assy - 96002

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

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	10/14/93	10/27/93	10/27/93	10/27/93	

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400051300

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 <i>B Co 1st DGR Regt</i>			B. LOCATION <i>BAF 1779 A HANFGA-31409</i>			C. UNIT IDENT CODE <i>WHL380</i>			
2. SERIAL NO. <i>06225550</i>		3. NOUN NOMENCLATURE <i>7.62 mm Rifle</i>			4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☒ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>Filed over 10,000 Rounds</i>											
B. REMARKS <i>Scope # 881283</i>											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☒ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	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	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST		K. TOTAL PARTS COST		
							\$		\$		
21. DELAY (Select One)											
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools											
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE <i>93264</i>		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	