

66225078

MODEL 700TH M24

Model 700 M24TH

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Smead[®]

BARBER - M24 **M2400048442**

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: RE00131879

Serial: C6225078 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/30/2007 10:55:46 AM

Address Information

Customer: ☐ Received From Return To: ☐ Received From

Name: A CO 1/10SF BN A CO 1/10SF BN

Address 1: PANZER KASERNE PANZER KASERNE

Address 2: APO APO PO Box: PO Box:

City: WH0940 WH0940

State: AE Zip Code: 09107 Country: IT State: AE Zip Code: 09107 Country: IT

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	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

7/30/2007

12:50 PM

CAPS

NUM

INS

SCRL

start

4 Micro...

6 Inter...

RAC0179...

Part Sear...

Arms Ser...

12:50 PM

Serial Number: C6225078

Model: M24 SWS



RE00131879

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225078.__0
FILE DATE AND TIME: 09/26/2007 07:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.126
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.134
The Average Mean Radius of the Five Target Set:	0.918
The Distance from POA to Centroid Target #1:	0.044
The Distance from Centroid Target #2 to Centroid Target #1:	0.131
The Distance from Centroid Target #3 to Centroid Target #1:	0.308
The Distance from Centroid Target #4 to Centroid Target #1:	0.163
The Distance from Centroid Target #5 to Centroid Target #1:	0.116

SERIAL NUMBER: C6225078. 0

TARGET NUMBER: 1

FILE DATE: 09/26/2007

FILE TIME: 07:34

POINT#	X	Y
1:	-0.172	1.460
2:	-0.541	0.970
3:	-0.240	0.831
4:	1.072	-0.111
5:	0.018	0.062
6:	-0.177	-0.379
7:	0.247	-0.468
8:	0.230	-0.683
9:	-0.010	-0.853
10:	-0.045	-0.617

X CENTROID: 0.038

Y CENTROID: 0.021

POA TO CENTROID: 0.044

HORZ SPREAD: 1.613

VERT SPREAD: 2.313

GROUP SPREAD: 2.319

MIN RADIUS: 0.046

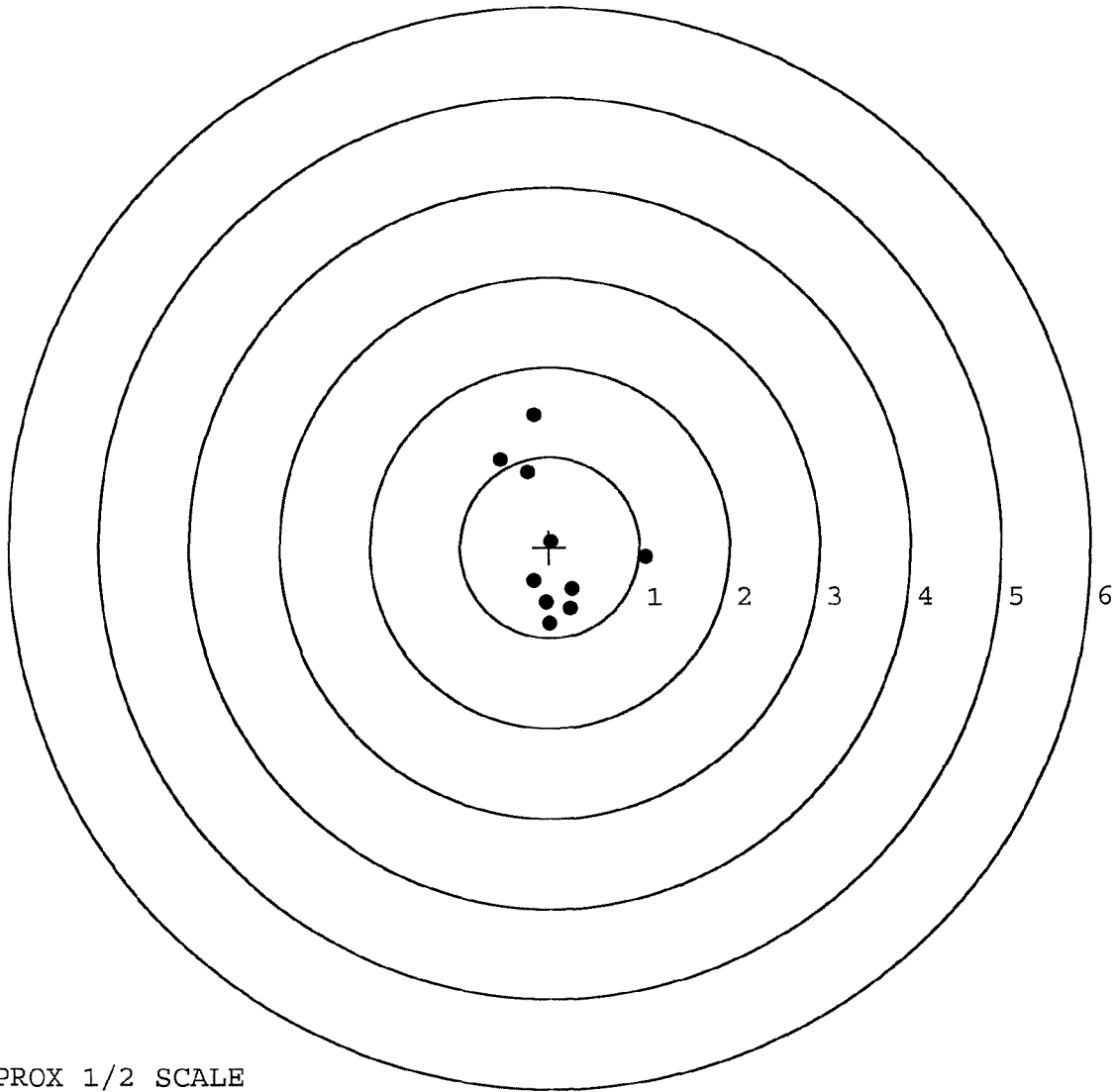
MAX RADIUS: 1.454

MEAN RADIUS: 0.774

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



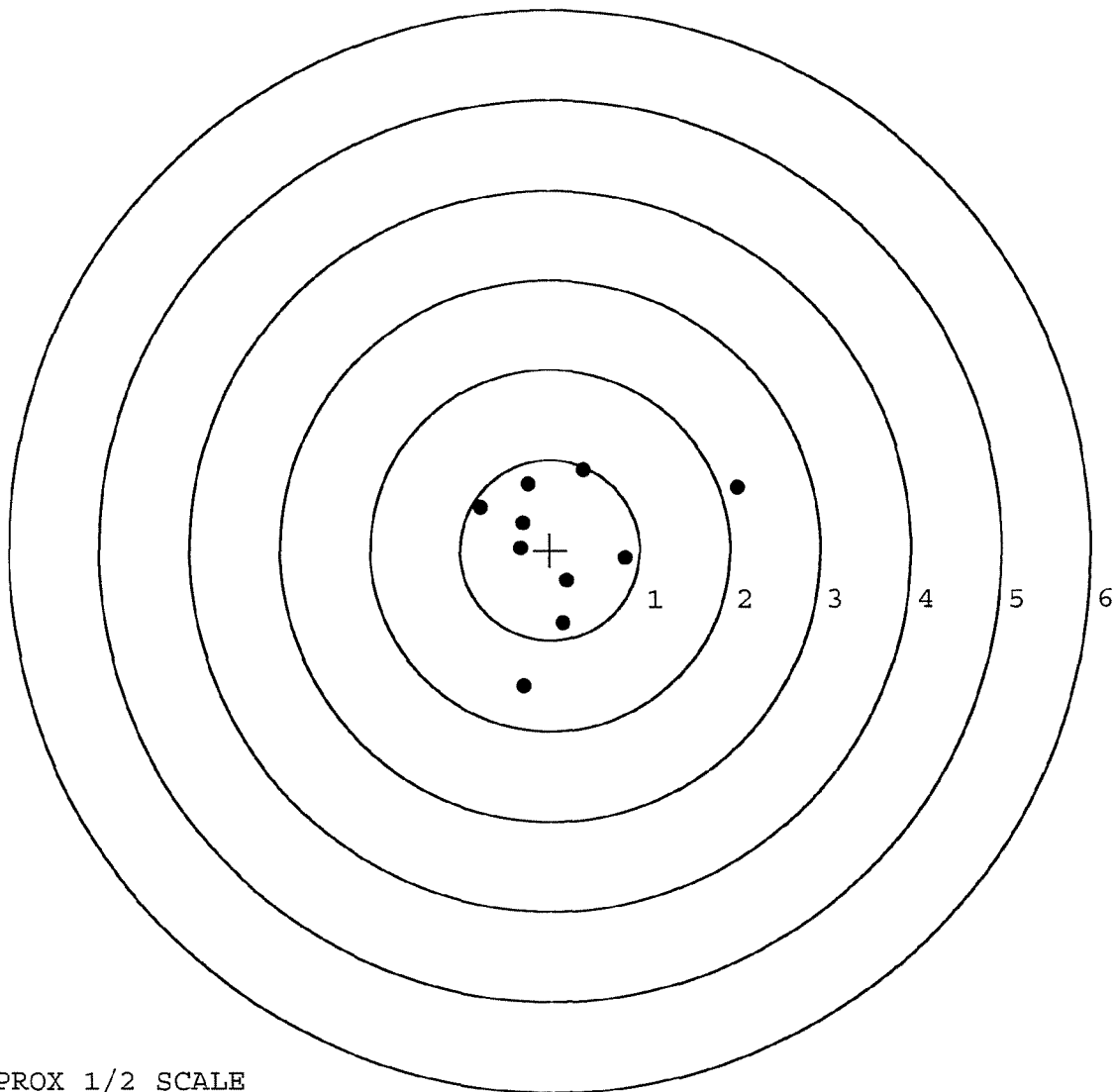
TARGET APPROX 1/2 SCALE

BARBER - M24 0048407

SERIAL NUMBER: C6225078. __0
 TARGET NUMBER: 2
 FILE DATE: 09/26/2007
 FILE TIME: 07:34

POINT#	X	Y
1:	-0.295	-1.519
2:	0.146	-0.815
3:	0.192	-0.341
4:	0.840	-0.093
5:	0.378	0.887
6:	-0.245	0.728
7:	-0.779	0.477
8:	-0.333	0.021
9:	-0.304	0.301
10:	2.084	0.692

X CENTROID: 0.168
 Y CENTROID: 0.034
 POA TO CENTROID: 0.172
 HORZ SPREAD: 2.863
 VERT SPREAD: 2.406
 GROUP SPREAD: 3.248
 MIN RADIUS: 0.376
 MAX RADIUS: 2.026
 MEAN RADIUS: 0.933
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



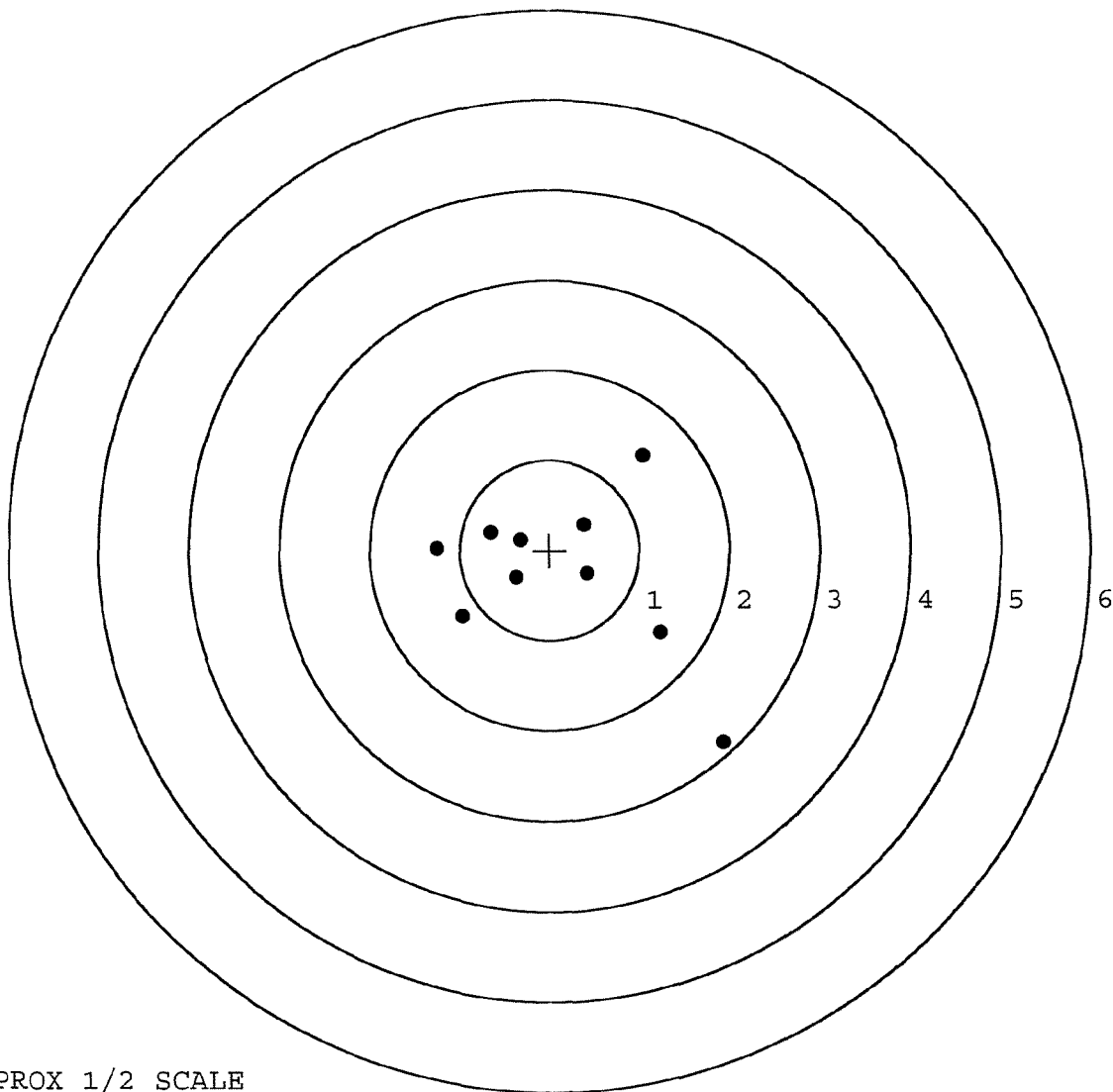
TARGET APPROX 1/2 SCALE

BARBER - M24 0048408

SERIAL NUMBER: C6225078. __0
 TARGET NUMBER: 3
 FILE DATE: 09/26/2007
 FILE TIME: 07:34

POINT#	X	Y
1:	1.043	1.050
2:	0.384	0.287
3:	0.422	-0.256
4:	1.233	-0.919
5:	-0.367	-0.301
6:	-0.324	0.116
7:	-0.659	0.200
8:	-1.257	0.018
9:	-0.970	-0.744
10:	1.925	-2.139

X CENTROID: 0.143
 Y CENTROID: -0.269
 POA TO CENTROID: 0.304
 HORZ SPREAD: 3.182
 VERT SPREAD: 3.189
 GROUP SPREAD: 3.844
 MIN RADIUS: 0.279
 MAX RADIUS: 2.583
 MEAN RADIUS: 1.102
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

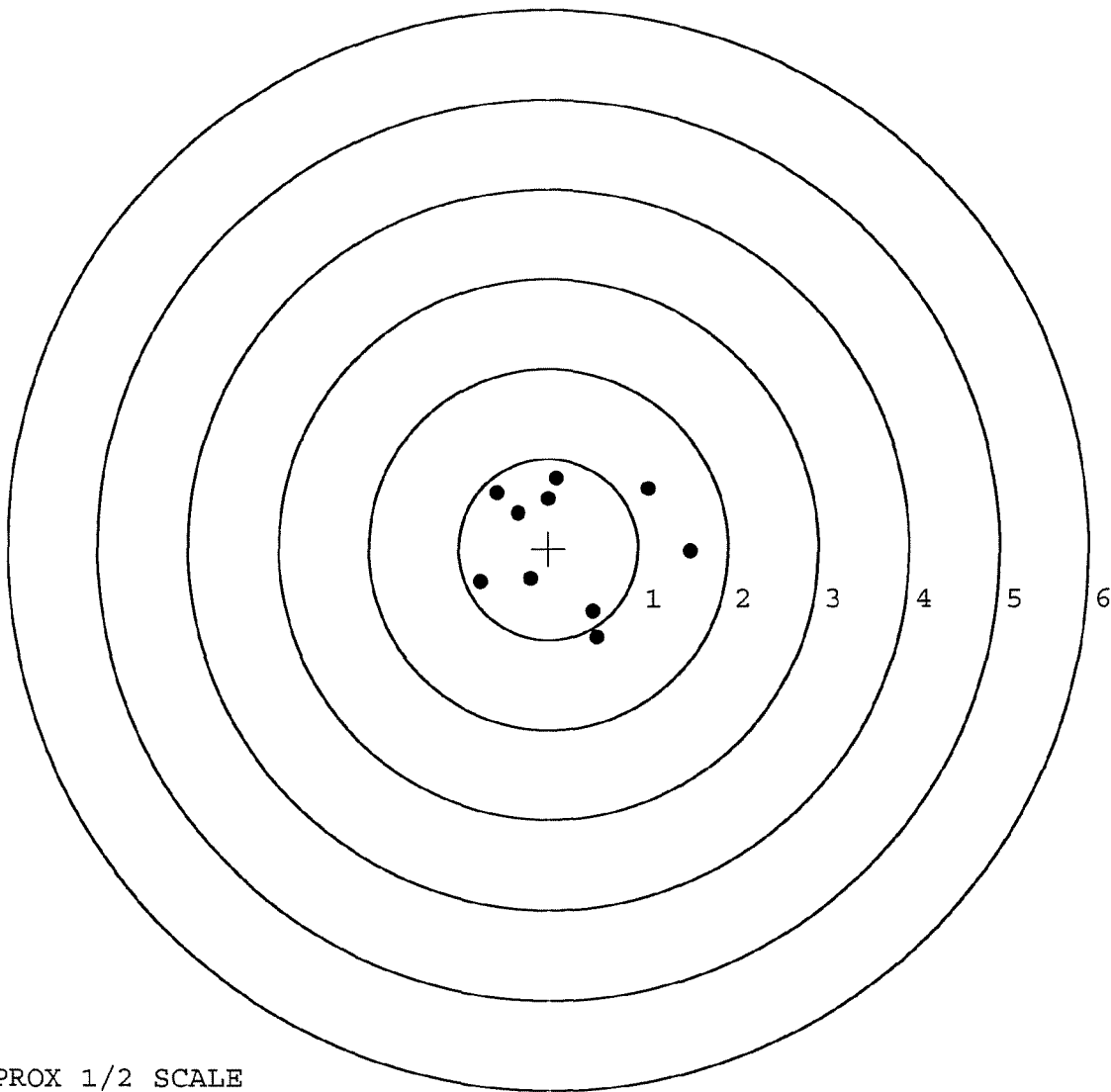


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225078. __0
 TARGET NUMBER: 4
 FILE DATE: 09/26/2007
 FILE TIME: 07:34

POINT#	X	Y
1:	0.538	-0.978
2:	0.495	-0.693
3:	1.576	-0.030
4:	1.120	0.662
5:	-0.194	-0.334
6:	-0.757	-0.368
7:	0.099	0.774
8:	0.001	0.551
9:	-0.339	0.388
10:	-0.567	0.618

X CENTROID: 0.197
 Y CENTROID: 0.059
 POA TO CENTROID: 0.206
 HORZ SPREAD: 2.333
 VERT SPREAD: 1.752
 GROUP SPREAD: 2.357
 MIN RADIUS: 0.530
 MAX RADIUS: 1.382
 MEAN RADIUS: 0.881
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



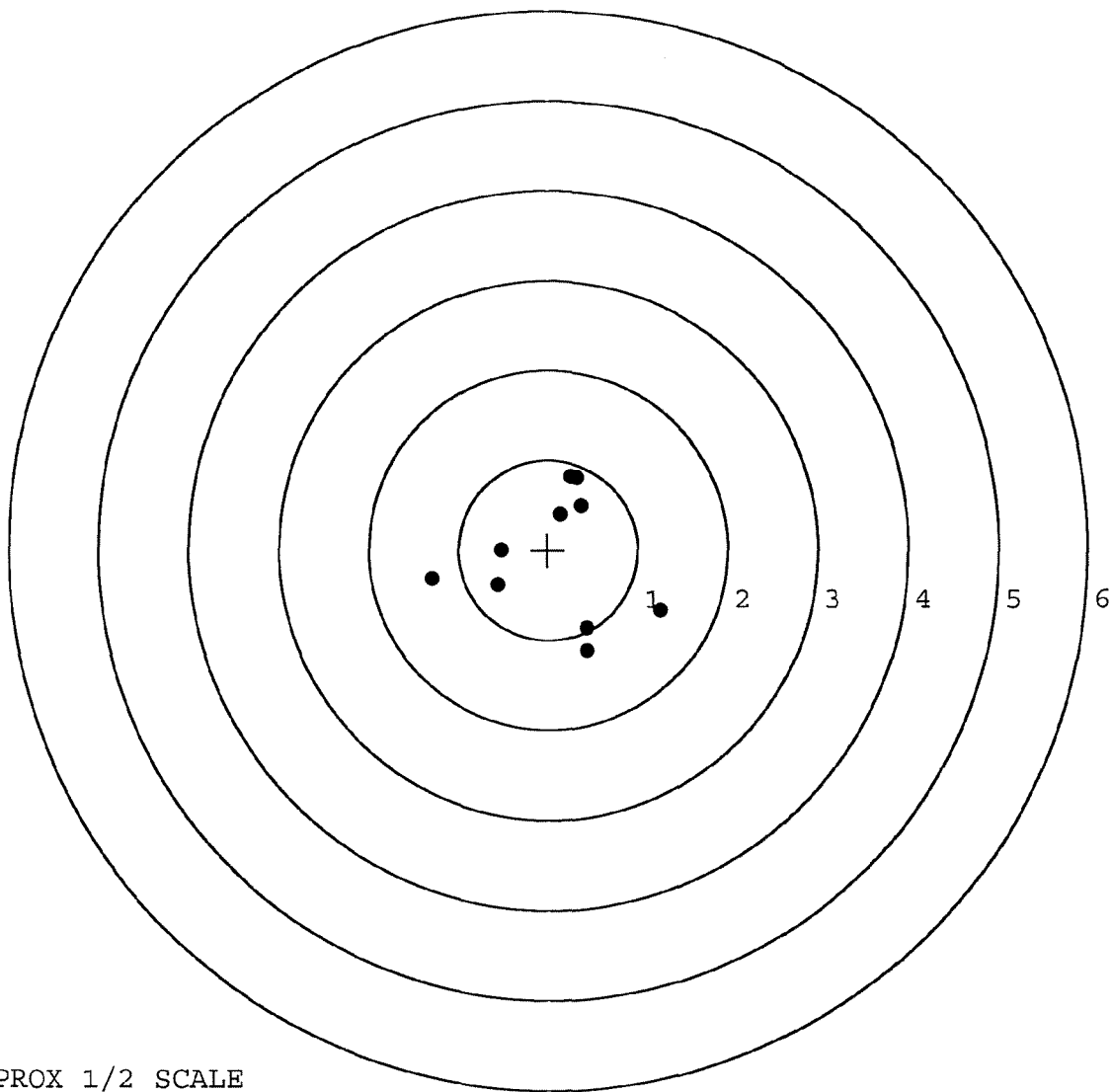
TARGET APPROX 1/2 SCALE

BARBER - M24 0048410

SERIAL NUMBER: C6225078. __0
 TARGET NUMBER: 5
 FILE DATE: 09/26/2007
 FILE TIME: 07:34

POINT#	X	Y
1:	-1.298	-0.333
2:	-0.564	-0.392
3:	-0.523	-0.003
4:	0.369	0.495
5:	0.138	0.397
6:	0.254	0.825
7:	1.249	-0.679
8:	0.429	-1.122
9:	0.433	-0.870
10:	0.320	0.813

X CENTROID: 0.081
 Y CENTROID: -0.087
 POA TO CENTROID: 0.119
 HORZ SPREAD: 2.547
 VERT SPREAD: 1.947
 GROUP SPREAD: 2.570
 MIN RADIUS: 0.487
 MAX RADIUS: 1.400
 MEAN RADIUS: 0.898
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER

131879

SERIAL NUMBER

C6225078

LOG-IN DATE

7-30-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-27-07	RTZ
505	RE-BARREL		9-14-07	RTZ
560	ASSEMBLE		9-14-07	RTZ
600	PROOF	MAGNA - FLUX	9-14-07	mon
605	CHECK HEADSPACE	SEP 18 2007	9-14-07	mon
610	DIS-ASSEMBLE GUN		9-17-07	TRW
612	MAGNAFLUX	OPERATOR NRS	9-18-07	NRS
510	DRILL AND TAP		9-17-07	TRW
615	ROLLMARK CALIBER		9-17-07	CW
618	ROTO-BLAST		9-18-07	(LQ)
620	APPLY COATINGS		9-21-07	RTZ
625	FINAL ASSEMBLY		9-25-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-25-07	mon
650	TARGET	(PASS) FAIL	9-25-07	mon
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-25-07	SD
670	FINAL INSPECTION		9-27-07	mon
	A) HEADSPACE	(PASS) FAIL	9-27-07	mon
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	290 291 293 294 294 9-26-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.0 4.0 3.5 9-26-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 9-26-07	DA
	I) FIRING PIN INDENT	.020	.0215 .0225 .0215 9-26-07	DA
690	PACK		10/4/07	DA

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225078*

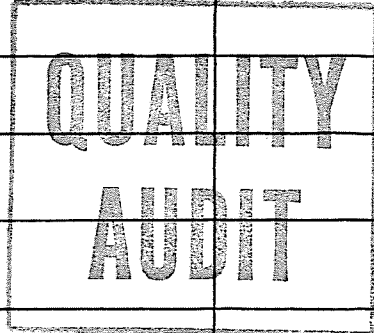
OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY <i>2</i>	<i>26</i>	<i>FB</i>
600	PROOF	<i>2-23</i>	<i>Ru</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>Pfl.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>Pfl.</i>
620	COATING	<i>8/11/88</i>	<i>JA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE # 1084

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225078

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		9/6/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/6/88	RW
	C) Inspect Ejector Hole for Chamfer		9/6/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/6/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		6 Sept 88	JS
	F) Safety on Force	4 6 6	6 Sept 88	JS
	G) Safety off Force	3 3 3	6 Sept 88	JS
	H) Trigger Pull Test & Retainability		6 Sept 88	JS
	I) Firing Pin Indent	.022 .022 .022	6 Sept 88	JS
	J) Assemble Stock		9/23/88	RW
	K) Assemble Swivel Studs		10/6/88	JS
	L) Attach Front & Rear Sight Assemblies		9/23/88	RW
	M) Iron Sight Alignment		9/23/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/23/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	JS
640	Gallery Target & Test	67 R 88L	10-4-88	AC
	A) Optical Clarity of Scope	OK	10-4-88	AC
645	Inspect for Live Ammo	NONE	10-4-88	AC
655	Final Inspection		10-6-88	JS
	A) Headspace		10-6-88	JS
	B) Trigger Pull		10-6-88	JS
	C) Function		10-6-88	JS
660	Pack		10-21-88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225078

DATE 6-8-88

TESTER D.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.43	2.43	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.41	2.49	2.75	
PULL #3	2.44	2.39	2.45	2.73	
PULL #4	2.48	2.44	2.38	2.76	
PULL #5	2.44	2.38	2.42	2.82	
TOTAL	12.48	12.05	12.17	13.78	
AVG.	2.496	2.41	2.434	2.75	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	2.95		
PULL #2	3.04	3.14		
PULL #3	3.10	3.06		
PULL #4	3.07	3.13		
PULL #5	3.00	3.09		
TOTAL	15.31	15.37		
AVG.	3.062	3.074		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.09		4.15
PULL #2	4.46	4.09		4.17
PULL #3	4.25	4.09		4.16
PULL #4	4.46	4.10		4.16
PULL #5	4.45	4.11		4.01
TOTAL	22.01	20.48		20.65
AVG.	4.402	4.096		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225078

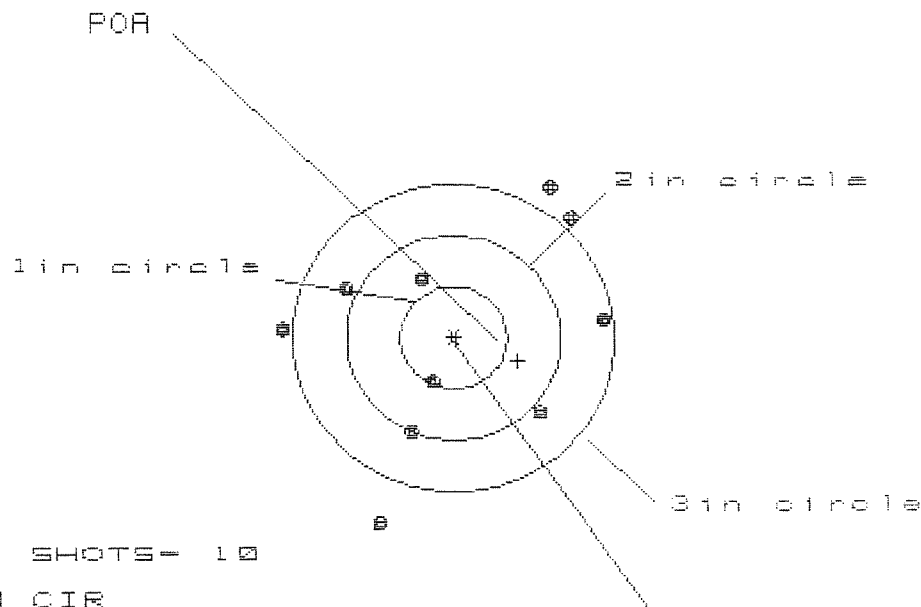
CENTROIDAL DISTANCES

0 TO	1	.640345
1 TO	2	.0718471
1 TO	3	1.17404
1 TO	4	.237697
1 TO	5	1.91171

42 + <----POB
5 3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.9168
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2942
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .962840

THE AMR FOR THIS RIFLE IS: .9876



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HE= 3.031

VS= 3.261

GS= 3.665

CENTROID *

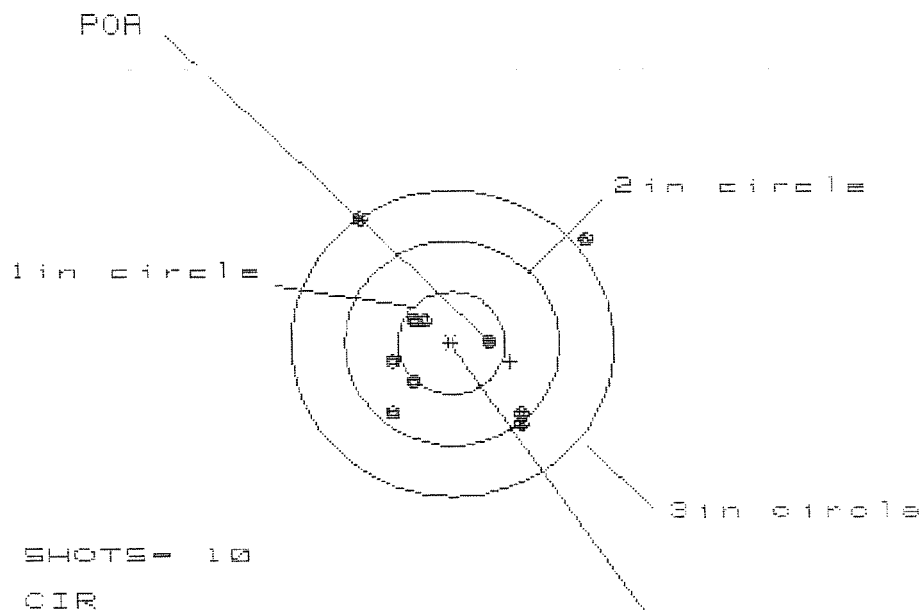
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.404	1.322	1.428
MINIMUM X	:	-1.627	-1.709	-1.603
MAXIMUM Y	:	1.445	1.243	1.122
MINIMUM Y	:	-1.816	-1.104	-.949
CENTROID X	:	-.601	-.519	-.625
CENTROID Y	:	.221	.423	.268
POA TO CENTROID in.:	:	.641	.670	.680

MIN RADIUS	:	.505	.539	.540
MEAN RADIUS	:	1.270	1.193	1.128
MAX RADIUS	:	1.962	1.718	1.603
HORIZONTAL SPREAD	:	3.031	3.031	3.031
VERTICAL SPREAD	:	3.261	2.347	2.071
EXTREME SPREAD	:	3.665	3.036	3.036
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	6		

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/05225078

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 4

2 in - 7

3 in - 9

HS = 2.095

VS = 1.957

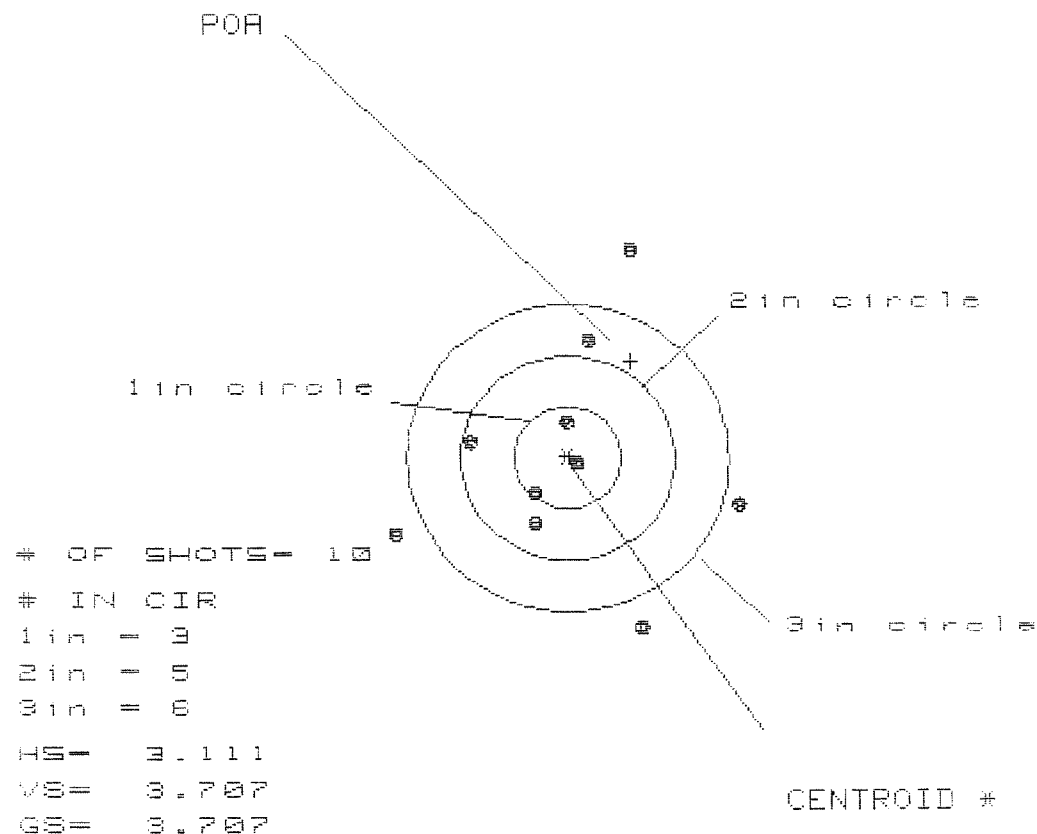
GS = 2.486

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	.812	.718
MINIMUM X	:	-.886	-.751	-.581
MAXIMUM Y	:	1.192	1.382	.584
MINIMUM Y	:	-.765	-.655	-.492
CENTROID X	:	-.542	-.677	-.583
CENTROID Y	:	.180	.070	-.093
POA TO CENTROID in.	:	.571	.680	.598
MIN RADIUS	:	.359	.321	.299
MEAN RADIUS	:	.811	.694	.599
MAX RADIUS	:	1.562	1.503	.860
HORIZONTAL SPREAD	:	2.095	1.563	1.219
VERTICAL SPREAD	:	1.957	1.957	.996
EXTREME SPREAD	:	2.496	2.496	1.426
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225078

CENTERFIRE PATTERNS # 3

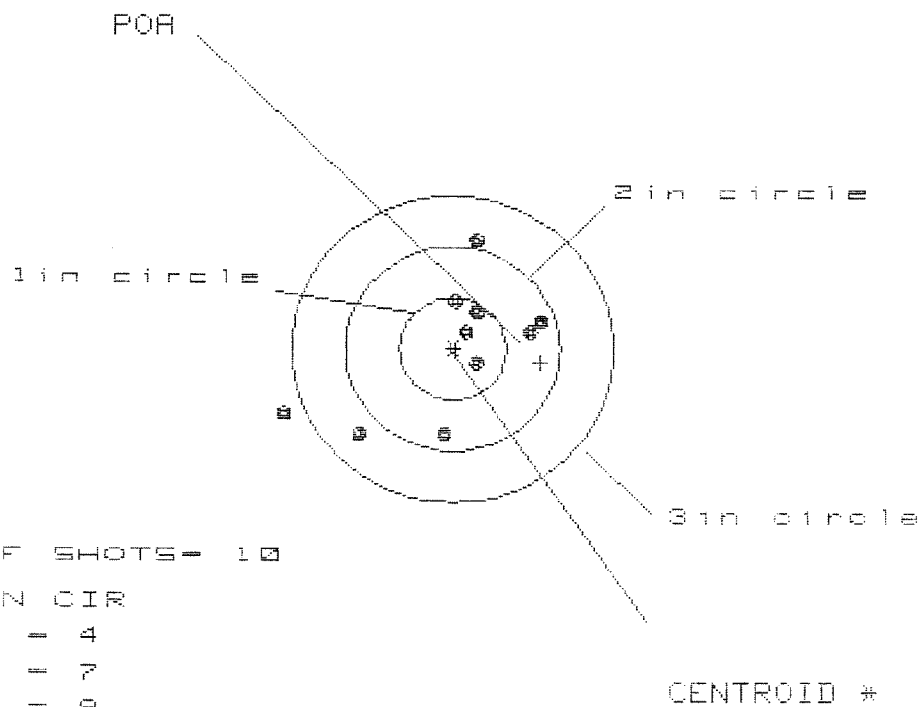


PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.543	1.611	1.700
MINIMUM X	-1.568	-1.500	-1.411
MAXIMUM Y	2.083	1.376	1.202
MINIMUM Y	-1.624	-1.393	-.648
CENTROID X	-.591	-.659	-.748
CENTROID Y	-.953	-1.184	-1.010
POA TO CENTROID in.	1.121	1.355	1.257
MIN RADIUS	.125	.233	.272
MEAN RADIUS	1.095	.959	.866
MAX RADIUS	2.172	1.623	1.740
HORIZONTAL SPREAD	3.111	3.111	3.111
VERTICAL SPREAD	3.707	2.769	1.850
EXTREME SPREAD	3.707	3.123	3.123
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		

4 Oct 1988

FILE: /PATTERNING/CENTERFIRE_PATT/06225078

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.418

VS= 1.913

GS= 2.586

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.868	.696	.569
MINIMUM X	:	-1.550	-1.014	-.346
MAXIMUM Y	:	1.052	.978	.861
MINIMUM Y	:	-.861	-.935	-1.027
CENTROID X	:	-.821	-.649	-.522
CENTROID Y	:	.131	.205	.322
POA TO CENTROID in.	:	.832	.681	.613
MIN RADIUS	:	.193	.049	.164
MEAN RADIUS	:	.779	.610	.493
MAX RADIUS	:	1.687	1.379	1.084
HORIZONTAL SPREAD	:	2.418	1.710	.915
VERTICAL SPREAD	:	1.913	1.913	1.888
EXTREME SPREAD	:	2.586	2.167	1.901
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225078

CENTROIDAL DISTANCES

0 TO	1	.875242
1 TO	2	.84387
1 TO	3	.301602
1 TO	4	.554401
1 TO	5	.825754

$\sigma_1^2 + \text{-----POA}$

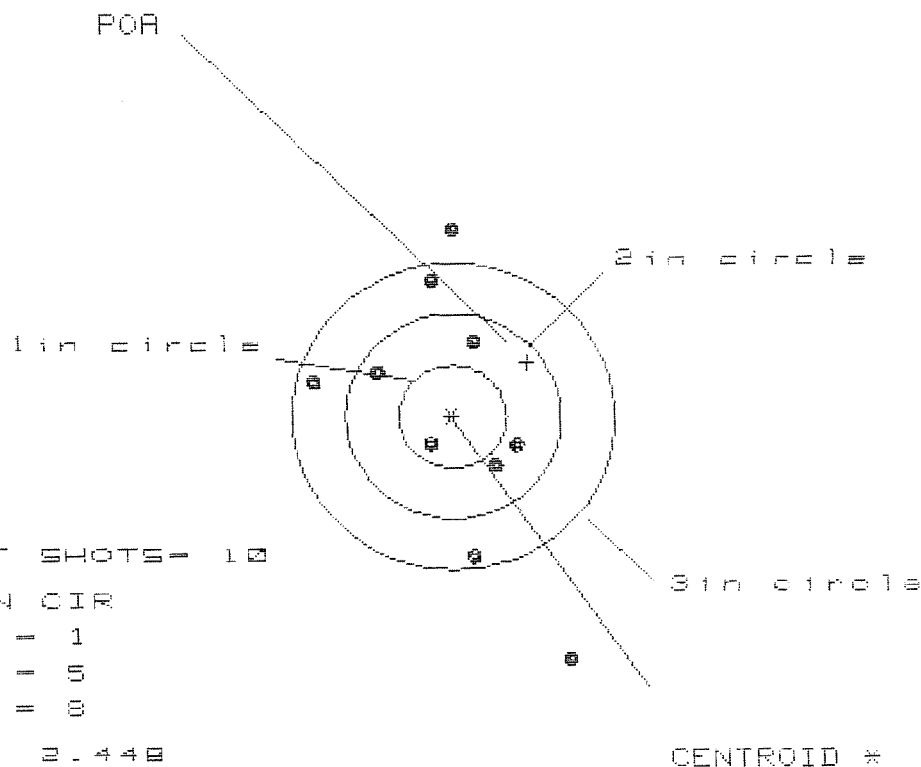
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -1.0154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2684
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.05027
THE AMR FOR THIS RIFLE IS: 1.257

INTERCHANGEABILITY

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225078.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.448

VS= 4.131

GS= 4.270

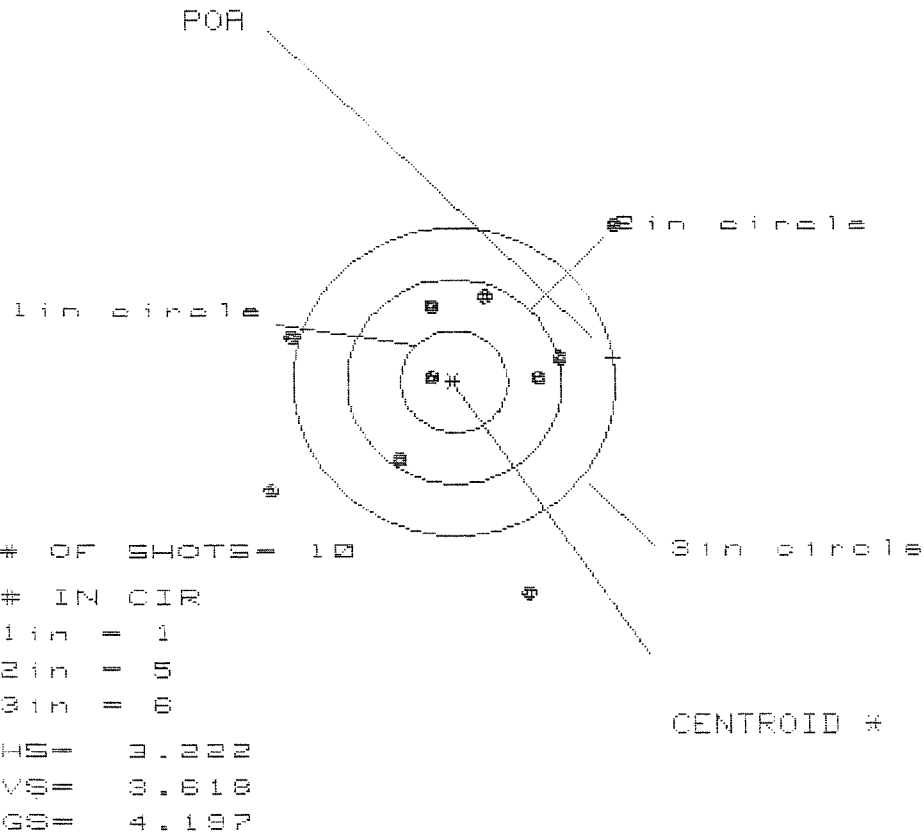
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.099	.763	.781
MINIMUM X	-1.349	-1.227	-1.209
MAXIMUM Y	1.803	1.544	1.274
MINIMUM Y	-2.328	-1.669	-1.476
CENTROID X	-.695	-.817	-.835
CENTROID Y	-.532	-.273	-.466
POA TO CENTROID in.	.875	.862	.956
MIN RADIUS	.321	.505	.313
MEAN RADIUS	1.177	1.008	.922
MAX RADIUS	2.575	1.698	1.513
HORIZONTAL SPREAD	2.448	1.990	1.990
VERTICAL SPREAD	4.131	3.213	2.750
EXTREME SPREAD	4.270	3.218	2.781
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225078.1

CENTERFIRE PATTERNS

2

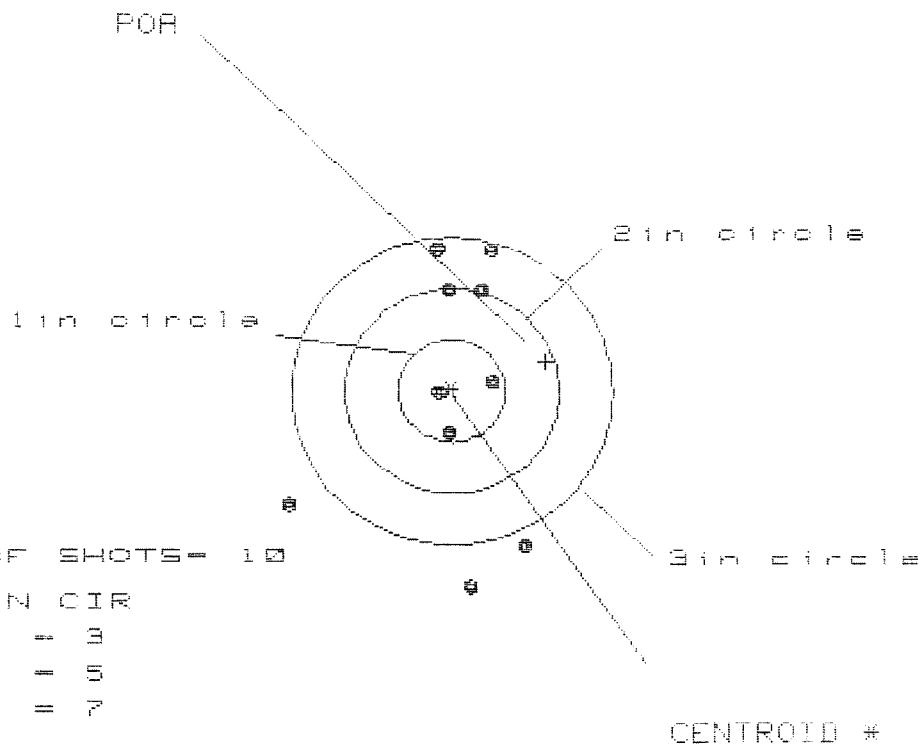


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.476	1.177	1.286
MINIMUM X	-1.746	-1.582	-1.473
MAXIMUM Y	1.586	1.006	.774
MINIMUM Y	-2.032	-1.856	-1.159
CENTROID X	-1.486	-1.650	-1.759
CENTROID Y	-.238	-.414	-.182
POR TO CENTROID in.	1.505	1.702	1.769
MIN RADIUS	.255	.257	.029
MEAN RADIUS	1.258	1.167	1.003
MAX RADIUS	2.167	2.051	1.874
HORIZONTAL SPREAD	3.222	2.759	2.759
VERTICAL SPREAD	3.618	2.862	1.933
EXTREME SPREAD	4.197	3.303	3.063
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		6	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS225078.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 2.168

VS= 3.299

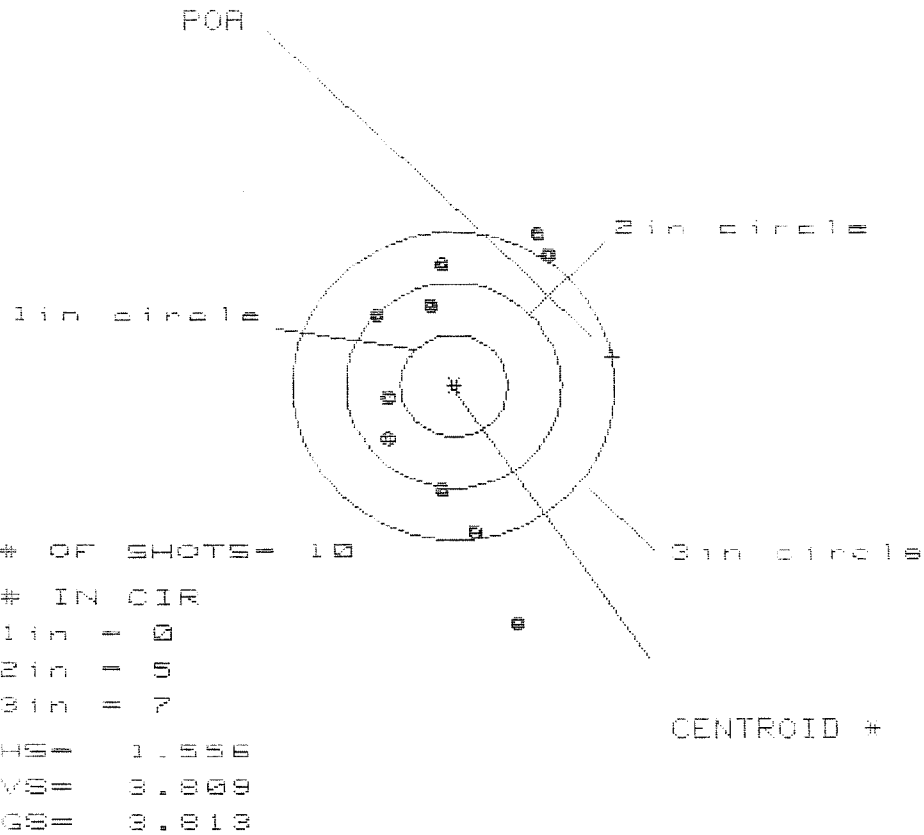
GS= 3.302

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.639	.663	.475
MINIMUM X	-1.529	-1.505	-.300
MAXIMUM Y	1.418	1.209	1.047
MINIMUM Y	-1.881	-1.710	-1.871
CENTROID X	-.875	-.899	-.711
CENTROID Y	-.290	-.081	.081
POR TO CENTROID in.	.922	.903	.716
MIN RADIUS	.083	.182	.291
MEAN RADIUS	1.105	.997	.846
MAX RADIUS	1.893	1.983	1.931
HORIZONTAL SPREAD	2.168	2.168	.775
VERTICAL SPREAD	3.299	2.919	2.919
EXTREME SPREAD	3.302	3.133	2.981
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225078.1

CENTERFIRE PATTERNS # 5

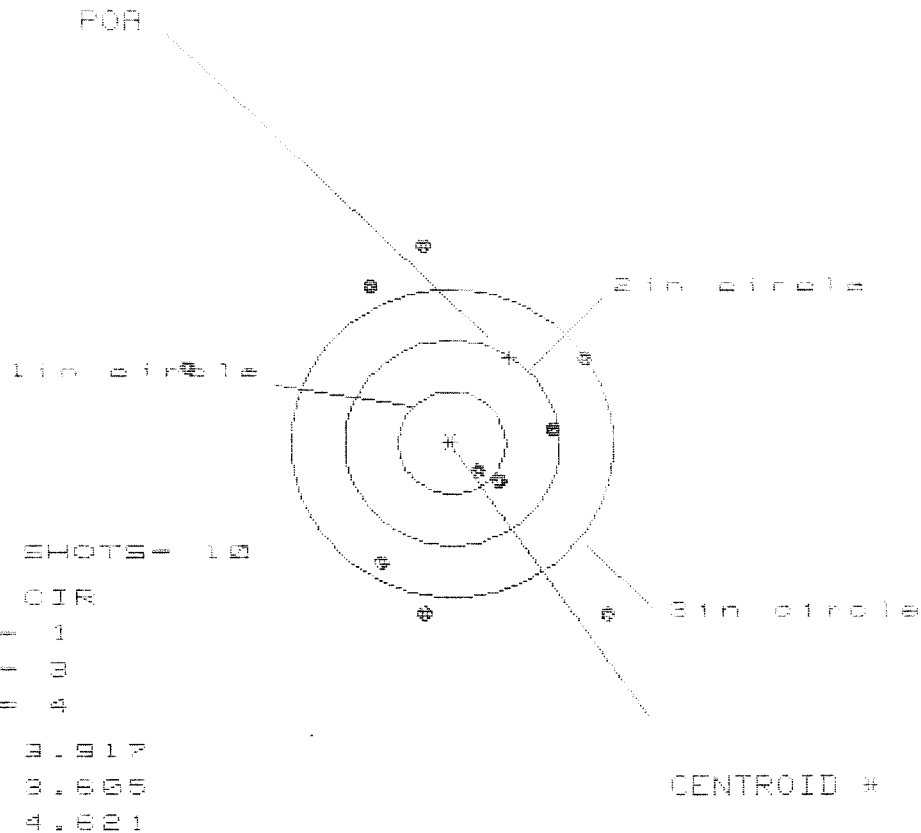


PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.852	.918	1.021
MINIMUM X	-.704	-.638	-.535
MAXIMUM Y	1.468	1.208	1.170
MINIMUM Y	-2.341	-1.667	-1.516
CENTROID X	-1.482	-1.548	-1.651
CENTROID Y	-.282	-.022	-.173
POA TO CENTROID in.	1.509	1.548	1.660
MIN RADIUS	.654	.532	.525
MEAN RADIUS	1.251	1.078	1.012
MAX RADIUS	2.414	1.691	1.565
HORIZONTAL SPREAD	1.556	1.556	1.556
VERTICAL SPREAD	3.809	2.875	2.686
EXTREME SPREAD	3.813	2.925	2.759
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	7	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225078.1

CENTERFIRE PATTERNS # 4



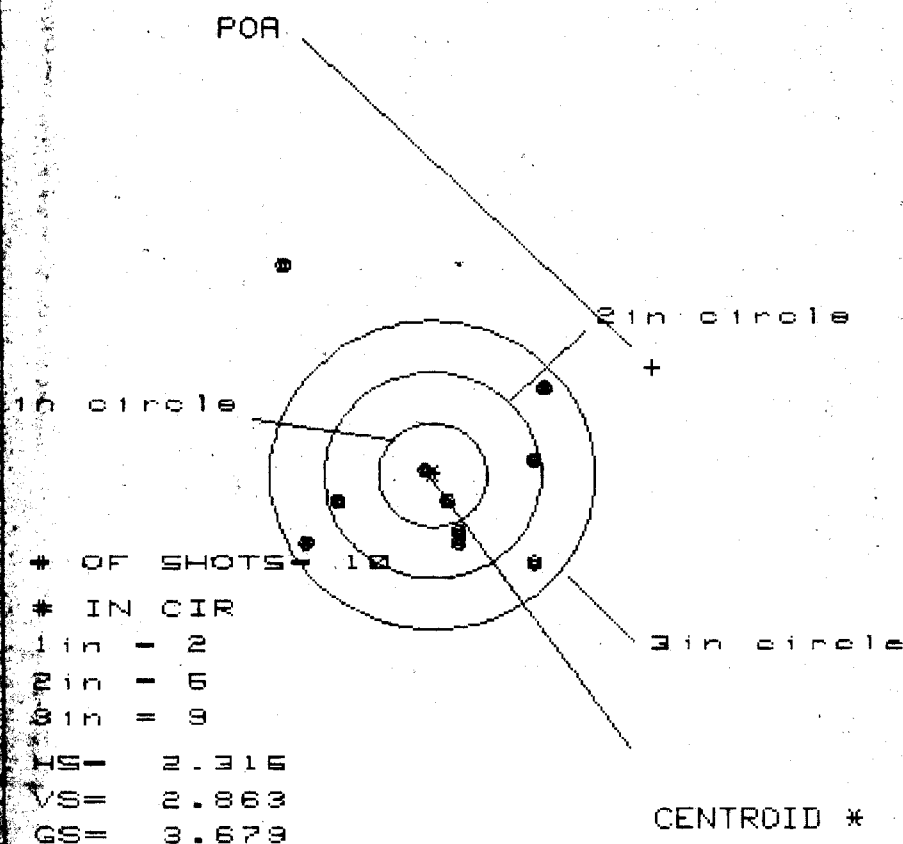
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.446	1.172	1.123
MINIMUM X	-2.471	-1.038	-0.692
MAXIMUM Y	1.906	1.990	1.788
MINIMUM Y	-1.699	-1.615	-1.779
CENTROID X	-0.539	-0.265	-0.411
CENTROID Y	-0.834	-0.918	-0.716
POA TO CENTROID in.	.993	.955	.826
MIN RADIUS	.415	.222	.451
MEAN RADIUS	1.492	1.295	1.249
MAX RADIUS	2.583	2.051	1.825
HORIZONTAL SPREAD	3.917	2.210	2.015
VERTICAL SPREAD	3.605	3.605	3.567
EXTREME SPREAD	4.621	3.973	3.567
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		4	

4 Oct 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6225078

BARBER - M24 0048427

CENTERFIRE PATTERNS # 5



PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.984	.835	.665
MINIMUM X	-1.333	-1.361	-1.167
MAXIMUM Y	2.034	1.111	1.058
MINIMUM Y	-.829	-.603	-.656
CENTROID X	-2.029	-1.880	-1.710
CENTROID Y	-1.050	-1.276	-1.223
FOR TO CENTROID in.	2.284	2.273	2.103
MIN RADIUS	.073	.033	.209
MEAN RADIUS	.983	.760	.693
MAX RADIUS	2.432	1.425	1.250
HORIZONTAL SPREAD	2.316	2.196	1.832
VERTICAL SPREAD	2.863	1.714	1.714
EXTREME SPREAD	3.679	2.680	2.169
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

BARBER M24-0048428

COMMENTS

ORDER
R 94-21802

INITIAL FPS	CUSTOMER ORDER NO.		M-24 ATTN: FRED MARTIN			
DATE RECEIVED 07/21/94	DATE OPENED 07/22/94	DATE CODE KI 5-88	SERIAL NUMBER C6225076	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		SCOPE BASE		HARD CASE		

FROM:

COMMANDER
7TH SOSG
ATTN: PBO CW2 CMR. 445
APO AE NY

09046

SHIP TO:

COMMANDER
7TH SOSG
ATTN: PBO CW2 CMR. 445
APO AE NY

09046

CUST NO: 100374 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA P1979017061
----------------	--------------------	--------------------------------	------------	-----------	--------------------

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

Marks on Receiver Walls

PARTS	COMMENTS												
Barrel - 96003	Re powder Coat Barreled Action, Trigger Guard Assy, Front & Retr Sight Bases, Re Zinc - Scope Base & Swivel Studs. Could find no fault with Receiver Normal machine marks												
W52 H09 4221 #225	<table border="1"> <tr> <td>REPAIRMAN RW</td> <td>PROOF ✓</td> <td>CLEAN ✓</td> <td>TEST ✓</td> <td>TARGET ✓</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER RW</td> <td>DATE 9/1/94</td> <td>DATE 8/10/94</td> <td>DATE 8/16/94</td> <td>DATE 9/13/94</td> <td>DATE</td> </tr> </table>	REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN	GALLERY TESTER RW	DATE 9/1/94	DATE 8/10/94	DATE 8/16/94	DATE 9/13/94	DATE
REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN								
GALLERY TESTER RW	DATE 9/1/94	DATE 8/10/94	DATE 8/16/94	DATE 9/13/94	DATE								

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0048428 48467

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225078

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		9/1/94	RW
600	Proof		9/1/94	RW
607	Check Headspace		9/1/94	RW
610	Dis-assemble Gun		9/1/94	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		9/13/94	LW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/13/94	RW
	C) Inspect Ejector Hole for Chamfer		9/13/94	RW
	D) Oil Firing Pin Ass'y		9/13/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0048430 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						9/13 OK	WB
	A) Time						9/13	WB
	B) Malfunctions						9/13 OK	WB
	C) Pierced Primers						9/13 OK	WB
	D) Optical Clarity of Scope						9/13 OK	WB
645	Inspect for Live Ammo						9/13/94	RW
655	Final Inspection							
	A) Headspace						9/14/94	RW
	B) Trigger Pull	2.66	2.48	2.58	2.71	2.70	9/14/94	RW
	C) Function						9/14/94	RW
660	Pack							

COMMANDER

7TH SOSC

ATTN: PBO CW2

CMR 445

APD AE C9046

Fold at line over top of envelope to the right of the return address

CERTIFIED

P 199 017 061

MAIL

SN# 157992 BARBER - M24 0048432 157992

MAINTENANCE REQUEST				PAGE	REQUIREMENTS CONTROL	CONTROL NUMBER
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				OF	SYMBOL CSGLD - 1047	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		3a. WORK ORDER NO (WON)		b. SHOP
		C-110 SFG (A)				c. PHONE NO.
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		4a. UIC SUPPORT		b. SUPPORT UNIT NAME
		41110191010				
SECTION III - EQUIPMENT DATA						
5. ID		6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)		
		11010150112141012113161		☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight		
7. TYPE MNT. REQ. CODE		8. MODEL		☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other		
		7.62 mm M24 (SWS)		☐ I Calibration		
9. NOUN				16a. MILES/KILOMETERS (Enter or X)		b. HOURS
SHIPER WEAPON SYSTEM				☐ MI ☐ KM		c. ROUNDS
10a. ORG WON				b. EIC		17. PROJ. CODE (If Assigned)
						18. ACCT. PROCESSING CODE
11. SERIAL NUMBER				b. QTY.		13. PD
C6121215017181				0101012		
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)				19. IN WARRANTY? (Y or N)		
SEE ATTACHED Z409				☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity		
				☐ F Immediate Direct Spt. ☐ D Depot		
				21. BUMPER NO./TAIL NO.		
				22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)		
				23. PD AUTHENTICATION SIGNATURE (Payroll Signature)		
SECTION IV - REPORTABLE DATA						
25a. STA	b. ORD DATE	c. MIL TIME	a. STA	b. ORD DATE	c. MIL TIME	26. TECHNICAL REFERENCES
SECTION V - TASK REQUIREMENTS DATA						
27a. FILE IN-PUT CD.	b. TASK NO.	c. ACT. RQD.	d. TASK DESCRIPTION	e. QTY. TO BE RPR	f. WORK CENTER	g. FAILURE CODE
SECTION VI - PART REQUIREMENTS						
28a. FILE IN-PUT CD.	b. TASK NO.	c. ID	d. RQD NSN OR PART NO.	e. SFX CD	f. QTY. REQUIRED	g. QTY. ISSUED
SECTION VII - COMPLETION DATA						
29. QTY. RPR		30. QTY. CONDEMN.		31. QTY. NRTS		32. EVAC WON
						33. EVAC UNIT NAME
SECTION VIII - ACTION SIGNATURES						
34a. SUBMITTED BY		35a. ACCEPTED BY		36a. WORK STARTED BY		37a. INSPECTED BY
						38a. PICKED UP BY
b. ORD DATE		b. ST	c. ORD DATE	d. MIL TIME	b. ST	c. ORD DATE
d. MIL TIME		b. ST	c. ORD DATE	d. MIL TIME	b. ST	c. ORD DATE
d. MIL TIME		b. ST	c. ORD DATE	d. MIL TIME	b. ST	c. ORD DATE

BARBER - M24 ~~0048494~~ **M2400048473**

Final Inspection

In: C6225078

DATE REC'D: 7/21/94

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 # 06225078
15 Sep 1994

CENTROIDAL DISTANCES

0 TO	1	.427889
1 TO	2	.555213
1 TO	3	.649197
1 TO	4	.035
1 TO	5	.639613

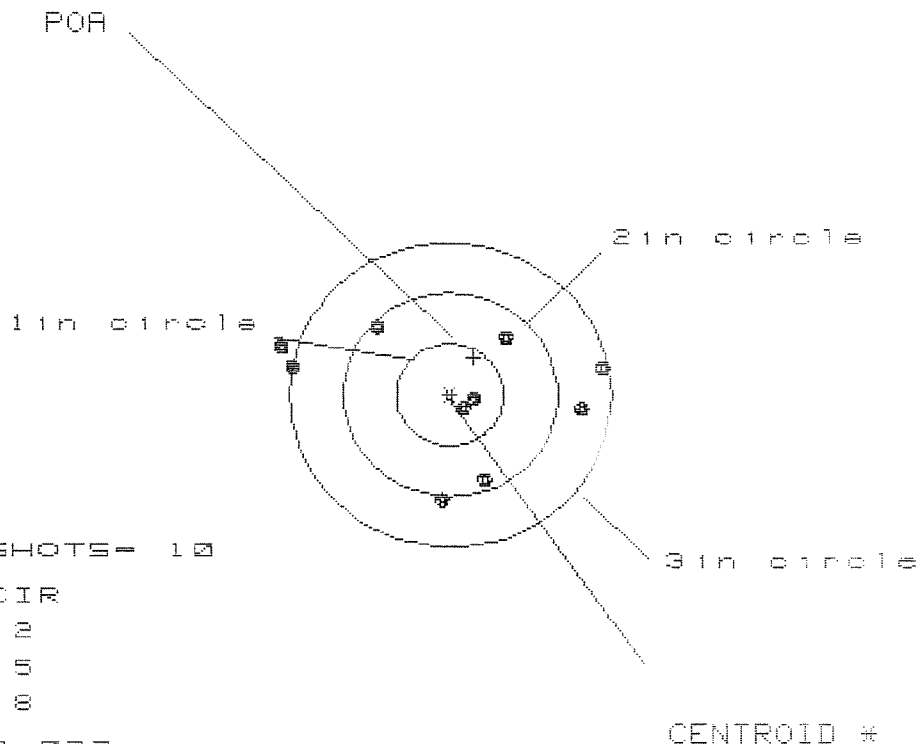
$\frac{S}{T}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0446
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1684
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174286
THE AMR FOR THIS RIFLE IS: 1.055

15 Sep 1994

FILE:/PATTERNS CENTERFIRE_PATT/06225078

CENTERFIRE PATTERN # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 3.032

VS = 1.637

GS = 3.041

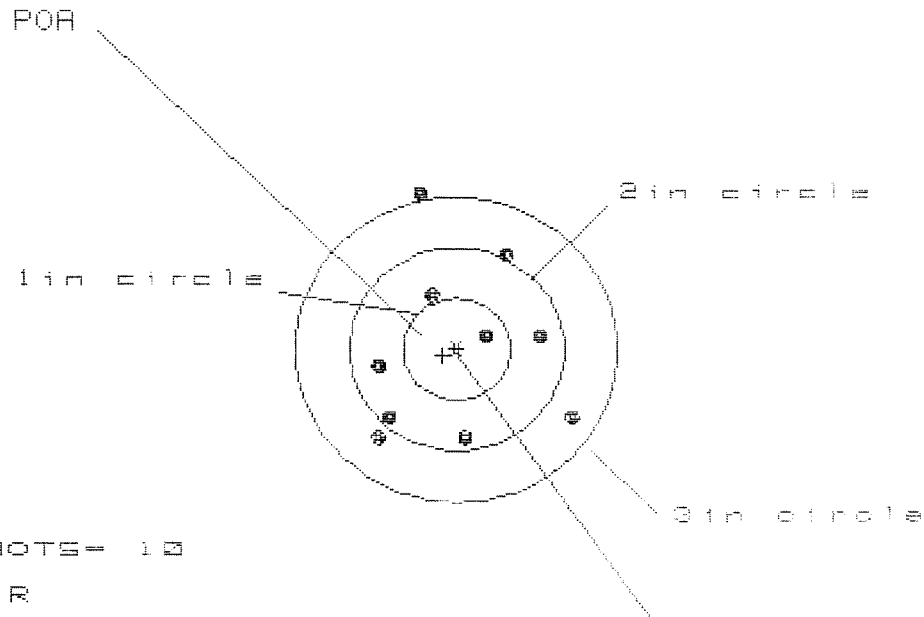
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.439	1.262	1.053
MINIMUM X	-1.593	-1.676	-1.078
MAXIMUM Y	.629	.680	.719
MINIMUM Y	-1.008	-.957	-.918
CENTROID X	-.220	-.043	.166
CENTROID Y	-.367	-.418	-.457
POR TO CENTROID in.	.428	.420	.486
MIN RADIUS	.185	.092	.129
MEAN RADIUS	1.001	.883	.776
MAX RADIUS	1.658	1.704	1.296
HORIZONTAL SPREAD	3.032	2.938	2.131
VERTICAL SPREAD	1.637	1.637	1.637
EXTREME SPREAD	3.041	2.938	2.169
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225078

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.858

VS= 2.413

GS= 2.634

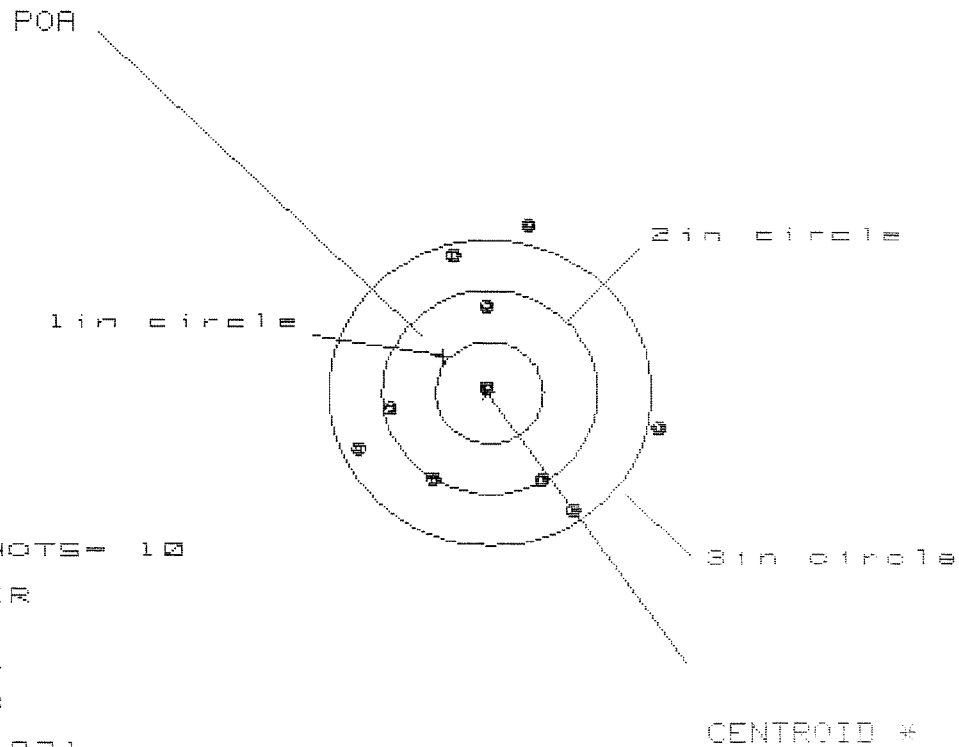
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	1.088	.819
MINIMUM X	:	-.740	-.778	-.643
MAXIMUM Y	:	1.530	1.147	1.085
MINIMUM Y	:	-.883	-.713	-.775
CENTROID X	:	.130	.168	.033
CENTROID Y	:	.064	-.106	-.044
POA TO CENTROID in.	:	.145	.198	.055
MIN RADIUS	:	.265	.362	.406
MEAN RADIUS	:	.915	.839	.783
MAX RADIUS	:	1.568	1.216	1.213
HORIZONTAL SPREAD	:	1.858	1.858	1.462
VERTICAL SPREAD	:	2.413	1.860	1.860
EXTREME SPREAD	:	2.634	2.194	2.194
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225078

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.831

VS = 2.811

GS = 2.839

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.572	1.615	1.015
MINIMUM X	-1.259	-1.216	-1.014
MAXIMUM Y	1.648	1.543	1.524
MINIMUM Y	-1.163	-0.980	-0.999
CENTROID X	.429	.386	.184
CENTROID Y	-.351	-.534	-.515
POA TO CENTROID in.	.554	.659	.547
MIN RADIUS	.078	.196	.241
MEAN RADIUS	1.128	1.054	.963
MAX RADIUS	1.692	1.622	1.528
HORIZONTAL SPREAD	2.831	2.831	2.029
VERTICAL SPREAD	2.811	2.523	2.523
EXTREME SPREAD	2.839	2.839	2.762
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225078

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.564

VS= 3.085

GS= 3.398

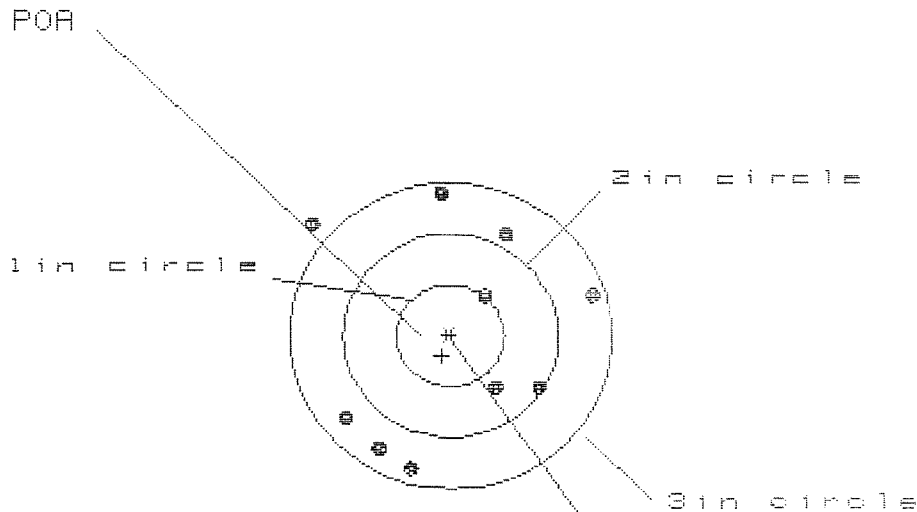
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.201	1.255	1.091
MINIMUM X	-1.363	-1.309	-1.074
MAXIMUM Y	1.253	1.049	1.151
MINIMUM Y	-1.832	-1.058	-.956
CENTROID X	-.192	-.246	-.082
CENTROID Y	-.388	-.184	-.286
POA TO CENTROID in.	.433	.307	.298
MIN RADIUS	.079	.138	.158
MEAN RADIUS	1.051	.939	.863
MAX RADIUS	1.895	1.551	1.359
HORIZONTAL SPREAD	2.564	2.564	2.165
VERTICAL SPREAD	3.085	2.107	2.107
EXTREME SPREAD	3.398	3.091	2.663
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225078

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 8

HS= 2.672

VS= 2.781

GS= 2.786

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.358	1.212	1.179
MINIMUM X	-1.314	-1.093	-1.125
MAXIMUM Y	1.437	1.556	1.296
MINIMUM Y	-1.344	-1.225	-1.030
CENTROID X	.076	.222	.254
CENTROID Y	.200	.081	-.114
POR TO CENTROID in.	.214	.236	.279
MIN RADIUS	.494	.498	.330
MEAN RADIUS	1.179	1.092	1.008
MAX RADIUS	1.696	1.578	1.373
HORIZONTAL SPREAD	2.672	2.305	2.305
VERTICAL SPREAD	2.781	2.781	2.326
EXTREME SPREAD	2.796	2.796	2.587
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING BARBER M24 MATING REPORT

COMMENTS

ORDER
R 96-00022

INITIAL **JJM** CUSTOMER ORDER NO. **M-24 SNIPER**

DATE RECEIVED **03/18/96** DATE OPENED **03/18/96** DATE CODE **03/18/96** SERIAL NUMBER **C6225070** NEW SERIAL NUMBER **700 7.62** MODEL AND GRADE **NATO**
ACCESSORIES **SCOPE BASE W/STUDS HARD CASE**

FROM:

**STRICKLAND, RICHARD
C-1-105 SFG (A)
CMR 445
APO AE**

NY 09046

SHIP TO:

**STRICKLAND, RICHARD
C-1-105 SFG (A)
CMR 445
APO AE**

NY

09046

CUST NO: 139990 C.O.D.

ACCOUNT NUMBER **DOOR** ACCOUNT NUMBER N/C **DOOR** PROM. DATE **DOOR** ESTIMATED **DOOR** VIA **DOOR**

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

Barrel 96003

COMMENTS

**Repower Coat Trigger Group
Assy. Front & Rear Sight Ba
Rezing Scope Base, Buliver
Studs**

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	ckw	c	A	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
AV	3/20/96	4/1/96	4/1/96	4/1/96	

OFFICE COPY

RD0025 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0048442

M24000948481

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☒ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO 011146

DATE 3/18/96

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL: 700

CHECK FOR AMMUNITION

GAUGE: 7.62

SERIAL # C6225078

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES NO

(BRAND NAME/POWER)

SLING: YES NO

GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

SIGNATURE:

(Person delivering firearm to Plant)

DATE: 18 MAR 96

SIGNATURE:

(Security Officer)

DATE: 3/18/96

SIGNATURE:

(Firearm picked up by)

DATE: 3/18/96

Arm Service Copy

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225078

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		3/30/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/96	RW
	C) Inspect Ejector Hole for Chamfer		3/30/96	RW
	D) Oil Firing Pin Ass'y		3/30/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0048445					DATE	INIT
op. #	OP. NAME	READINGS				
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				4/1/96	AT
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				4/1/96	AT
655	Final Inspection					
	A) Headspace				4/2/96	RW
	B) Trigger Pull					
	C) Function				4/2/96	RW
660	Pack					

Final Inspection

Sn: C6225078

DATE REC'D: 3/18/96

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 # C6225078
30 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.522015
1 TO	2	.360014
1 TO	3	.615023
1 TO	4	.336091
1 TO	5	.641683

$\frac{4}{12}$
+

<----POA

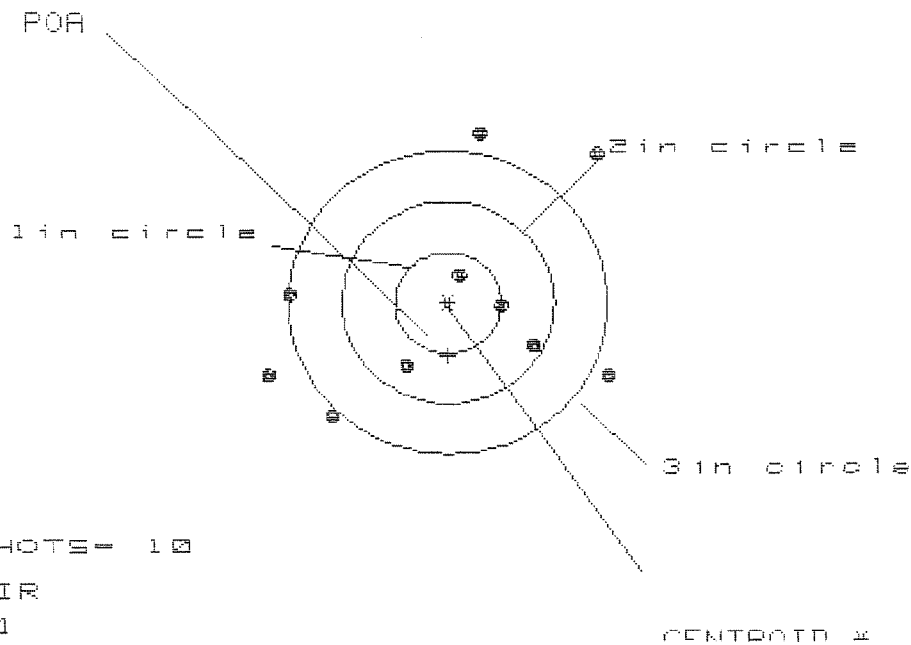
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2252
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .777
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .008977

THE AMR FOR THIS RIFLE IS: 1.144

30 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08225078

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 3.171

VS= 2.819

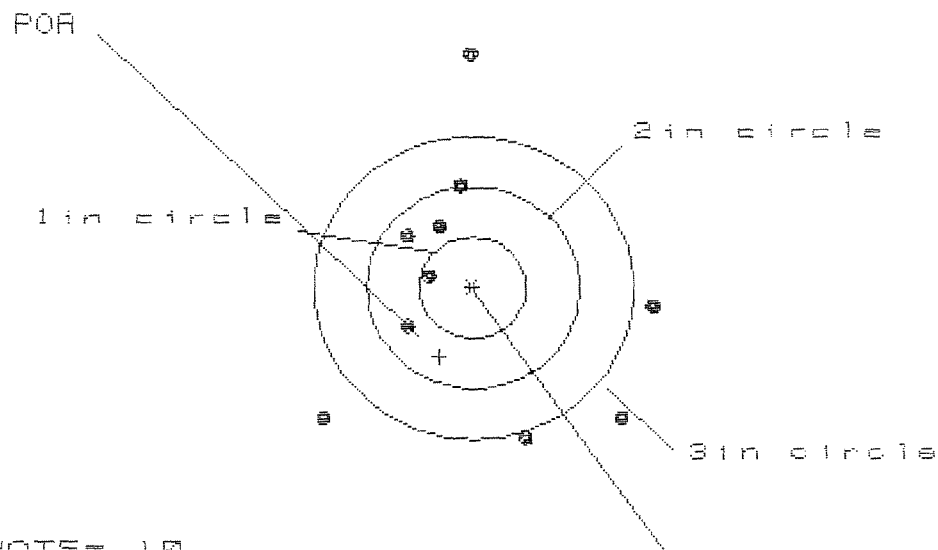
GS= 3.774

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.525	1.678	1.491
MINIMUM X	-1.646	-1.493	-1.521
MAXIMUM Y	1.714	1.881	1.806
MINIMUM Y	-1.105	-0.938	-1.013
CENTROID X	-0.004	-0.157	0.030
CENTROID Y	0.522	0.355	0.430
POA TO CENTROID in.	0.522	0.388	0.431
MIN RADIUS	0.310	0.457	0.390
MEAN RADIUS	1.272	1.182	1.102
MAX RADIUS	2.034	1.929	1.823
HORIZONTAL SPREAD	3.171	3.171	3.012
VERTICAL SPREAD	2.819	2.819	2.819
EXTREME SPREAD	3.774	3.172	3.142
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

30 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08225078

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 3.061

VS= 3.813

GS= 3.900

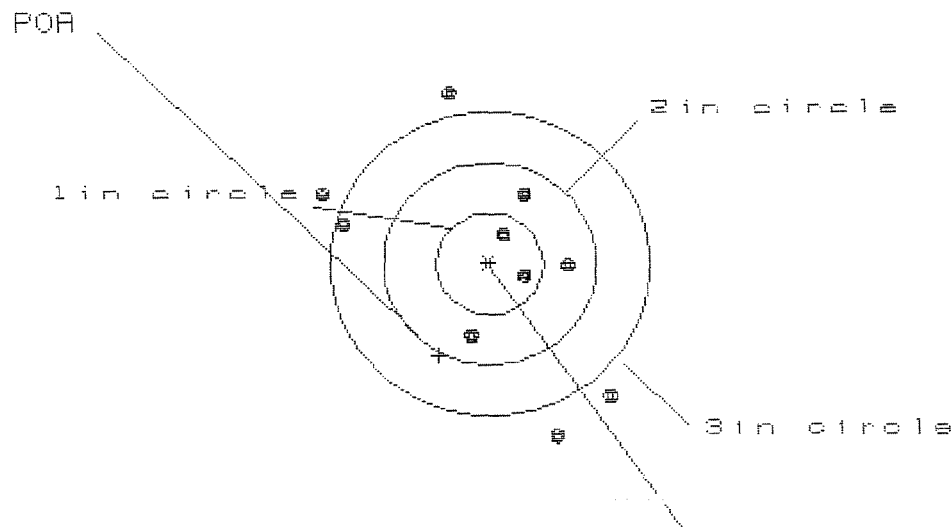
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.663	1.665	1.839
MINIMUM X	:	-1.398	-1.396	-1.222
MAXIMUM Y	:	2.327	1.307	1.174
MINIMUM Y	:	-1.487	-1.228	-1.361
CENTROID X	:	.317	.315	.141
CENTROID Y	:	.685	.426	.559
POA TO CENTROID in.	:	.754	.530	.577
MIN RADIUS	:	.393	.534	.319
MEAN RADIUS	:	1.309	1.213	1.077
MAX RADIUS	:	2.327	1.751	1.839
HORIZONTAL SPREAD	:	3.061	3.061	3.061
VERTICAL SPREAD	:	3.813	2.535	2.535
EXTREME SPREAD	:	3.900	3.261	3.261
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

38 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225078

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS = 2.636

VS = 3.402

GS = 3.548

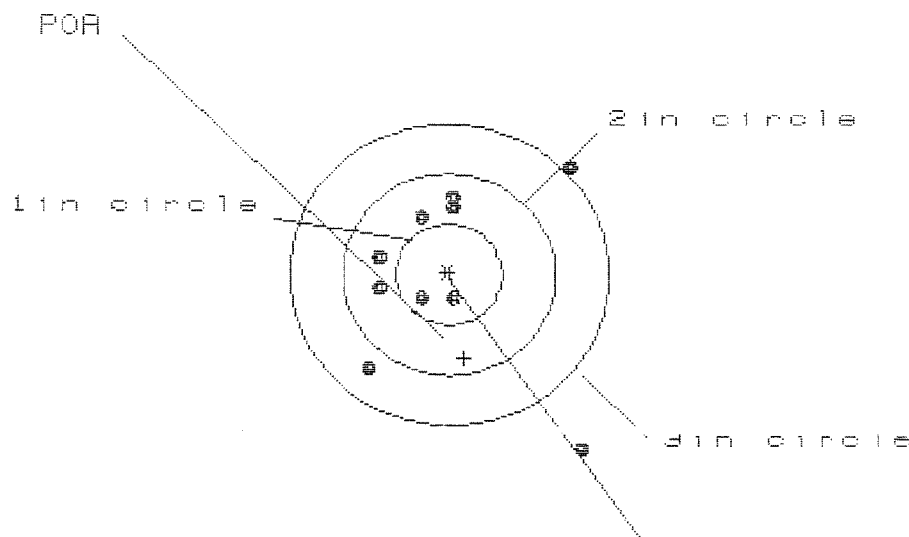
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.100	1.175	1.143
MINIMUM X	:	-1.536	-1.461	-1.493
MAXIMUM Y	:	1.716	1.528	.698
MINIMUM Y	:	-1.686	-1.521	-1.329
CENTROID X	:	.474	.399	.431
CENTROID Y	:	.909	1.097	.905
POA TO CENTROID in.	:	1.025	1.167	1.003
MIN RADIUS	:	.363	.271	.387
MEAN RADIUS	:	1.132	1.053	.978
MAX RADIUS	:	1.816	1.922	1.753
HORIZONTAL SPREAD	:	2.636	2.636	2.636
VERTICAL SPREAD	:	3.402	3.049	2.827
EXTREME SPREAD	:	3.548	3.369	3.325
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

35 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225078

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.065

VS= 2.778

GS= 2.813

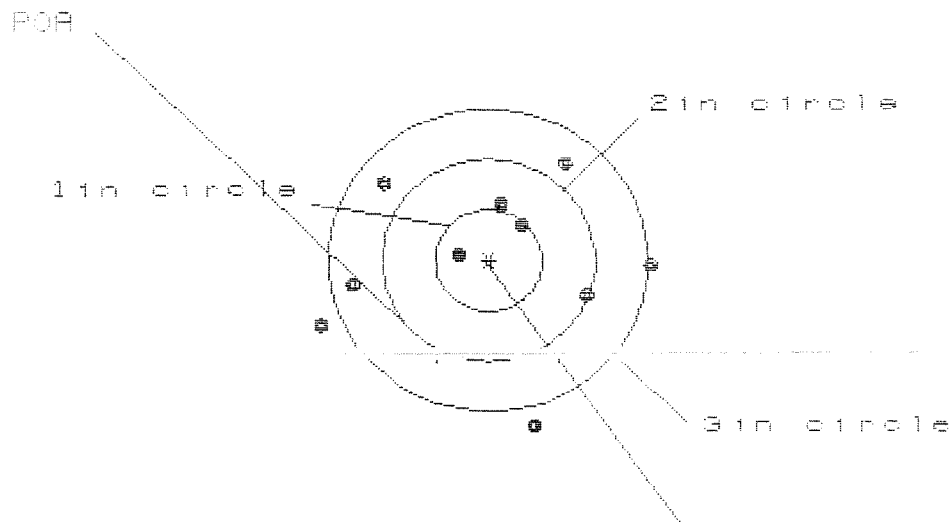
CENTROID *

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.280	1.330	.395
MINIMUM X	-.785	-.643	-.477
MAXIMUM Y	1.038	.844	.717
MINIMUM Y	-1.740	-1.073	-.967
CENTROID X	-.143	-.285	-.451
CENTROID Y	.828	1.022	.916
POA TO CENTROID in.	.840	1.061	1.021
MIN RADIUS	.288	.409	.306
MEAN RADIUS	.900	.717	.584
MAX RADIUS	2.160	1.575	1.078
HORIZONTAL SPREAD	2.065	1.973	.872
VERTICAL SPREAD	2.778	1.917	1.684
EXTREME SPREAD	2.813	2.751	1.894
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

30 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08225078

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.151

VS = 2.571

GS = 3.201

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.551	1.373	1.409
MINIMUM X	-1.600	-1.458	-1.422
MAXIMUM Y	.968	.901	.693
MINIMUM Y	-1.603	-1.670	-1.574
CENTROID X	.482	.660	.624
CENTROID Y	.941	1.008	1.216
POA TO CENTROID in.	1.057	1.204	1.367
MIN RADIUS	.280	.321	.287
MEAN RADIUS	1.105	1.013	.881
MAX RADIUS	1.709	1.693	1.509
HORIZONTAL SPREAD	3.151	2.831	2.831
VERTICAL SPREAD	2.571	2.571	1.267
EXTREME SPREAD	3.201	2.837	2.837
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

MAINTENANCE REQUEST				PAGE / OF /	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047	CONTROL NUMBER
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. WORK ORDER NO. 010101012	b. CUSTOMER UNIT NAME 1-1-10766(A)	c. PHONE NO. 4312-349	3a. WORK ORDER NO (WON)		b. SHOP	c. PHONE NO.
2. If Intransit Customer, enter data in Blocks 2a and 2b	2a. SAMS-2 UIC W1H09C10	b. UTILIZATION CODE	4a. UIC SUPPORT		b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA						
5. ID 1100510112402113161	6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)			
7. TYPE MNT. REQ. CODE		8. MODEL Remington Bolt/Action M24 SWS 7.62	☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☒ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration			
9. NOUN M24 SWS 7.62 Rifle		16a. MILES/KILOMETERS (Enter or X)		b. HOURS	c. ROUNDS	
10a. ORG WON		b. EIC	d. LANDINGS	e. AUTO ROTATIONS	17. PROJ. CODE (If Assigned)	18. ACCT. PROCESSING CODE
11. SERIAL NUMBER CG321510718		b. QTY. 1	13. PD	19. IN WARRANTY? (Y or N) YES		
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.) Barrel Replaced Bolt Refurbished Trigger Adjusted Rear Stock ADJ. Tighter		20. LEVEL OF WORK (Select one - use / or X)		21. BUMPER NO./TAIL NO.		
		☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity ☐ F Immediate Direct Spt. ☒ D Depot		22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N) N		
		23. PD AUTHENTICATION SIGNATURE (Payroll Signature)				
PREPARATION INSTRUCTIONS						
SECTION I - Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maintenance is completed. Block 2b. Enter UIC of supporting SAMS-2 if work is requested while intransit and away from your support maintenance unit. Block 2c. Enter equipment utilization code under which Materiel Condition Status is reported. See SAMS Codes and Tables.			SECTION III (Continued) - Block 14. Leave blank. Block 15. Select one. Use a " / or x" to indicate when failure was detected. Block 16. Enter the accumulated usage data in block 16a through 16e, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. Leave blank (for DSU/GSU use). Block 19. Enter a "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Select one. Use a " / or x" to indicate the level of work to be performed on equipment submitted. See SAMS Codes and Tables. Block 21. Enter the bumper number or admin. number assigned for property control purposes to the equipment being submitted. Block 22. Leave blank (for DSU/GSU use). Block 23. Enter the payroll signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maintenance.			
SECTION II - Leave blank. To be completed by the support maintenance DSU/GSU.						
SECTION III - Block 5. Enter the Type Maintenance Request Code. See SAMS Codes and Tables. Block 6. Enter ID associated with block 7. See SAMS Codes and Tables. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON) assigned when item submitted is reportable for MCSR. Otherwise, leave blank. Block 10b. Enter EIC (left justify). Block 11. Enter serial number of item being submitted. Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from SAMS Codes and Tables.						
34a. SUBMITTED BY 		35a. ACCEPTED BY				
b. ORD DATE 916101514	b. ST	c. ORD DATE	d. MIL TIME			

Block 34a. Enter signature of submitter.
 Block 34b. Enter Ordinal Date submitted (YYDDD).
 Block 35a. Enter signature of person accepting the maintenance request.
 Block 35b. Enter the status.
 Block 35c. Enter Ordinal Date accepted (YYDDD).
 Block 35d. Enter Military Time.

BARBER M240048493 MAINTENANCE REQUEST				PAGE <u>1</u> OF <u>1</u>		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER															
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																							
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA																		
1a. WORK ORDER NO. <u>010101012</u>		b. CUSTOMER UNIT NAME <u>2-1-101566</u>		c. PHONE NO. <u>4312-349</u>		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.													
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC <u>W1409C10</u>		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																							
5. ID <u>11005011240211761</u>		6. NSN		15. 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 ☐ I Calibration																			
7. TYPE MNT. REQ. CODE		8. MODEL <u>Remington Bolt/Action</u> <u>M24 SWS 7.62</u>																					
9. NOUN <u>M24 SWS 7.62 R.Fib</u>				16a. MILES/KILOMETERS (Enter or X) ☐ MI ☐ KM		b. HOURS		c. ROUNDS															
10a. ORG WON				b. EIC		d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)													
11. SERIAL NUMBER <u>CK2251078</u>				b. QTY. <u>1</u>		13. PD		19. IN WARRANTY? (Y or N) <u>YES</u>															
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TMI (Do not prescribe repairs.) <u>Barrel Replaces</u> <u>Bolt Refurbished</u> <u>Trigger Adjusted</u> <u>Rear Stock ADJ. tighter</u>				20. LEVEL OF WORK (Select one - use / or X) ☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity ☐ F Immediate Direct Spt. ☒ D Depot <u>Remington M24</u>				21. BUMPER NO/TAI. NO.															
				22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N) <u>N</u>				23. PD AUTHENTICATION SIGNATURE (Payroll Signature) <u>1</u>															
SECTION IV - REPORTABLE DATA																							
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME		25. TECHNICAL REFERENCES											
SECTION V - TASK REQUIREMENTS DATA																							
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. REQ.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RAN/PROJ							
SECTION VI - PART REQUIREMENTS																							
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. REQ NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NM/INT.	
SECTION VII - COMPLETION DATA																							
29. QTY. RPR		30. QTY. CONDEMN.		31. QTY. NRTS		32. EVAC WON		33. EVAC UNIT NAME															
SECTION VIII - ACTION SIGNATURES																							
34a. SUBMITTED BY <u>[Signature]</u>		35a. ACCEPTED BY				36a. WORK STARTED BY				37a. INSPECTED BY				38a. PICKED UP BY									
b. ORD DATE <u>916101514</u>		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME					

DA FORM 5504, SEP 88

DA FORM 5504, APR 87 MAY BE USED

COPY 2

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 004849348493

BBL - 96003

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: **RE00009400** Serial: C6225078 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 5/18/00 8:35:10 AM

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

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

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 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	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search Refresh Close

naglej 5/18/00 12:14 PM CAPS NUM INS SCRL

Start Inb... Micr... SA... Nag... Audit R&... Ar... Prin... Re... 12:14 PM

Serial Number: **C6225078**Model: **700****RE00009400**

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Final Inspection

Sn:

DATE REC'D:

DATE RET'D:

Auditor: AW

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:

BARBER - M24 0048458

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225078
22 Jun 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1354
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0302
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .138727

THE AVERAGE FOR THIS RIFLE IS: .9898

CENTROIDAL DISTANCES

0 TC		.0926553
1 TC	2	.1113223
1 TC	3	.278322
1 TC	4	.0641249
1 TC	5	.323141

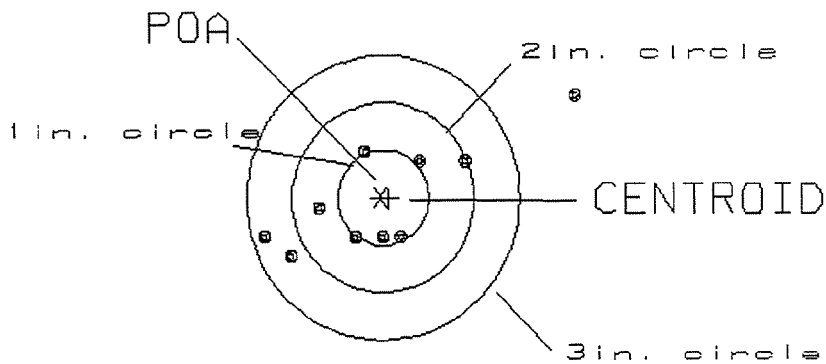
3 4²+ <----POA
5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .093
 MIN RADIUS : .395
 MEAN RADIUS : .897
 MAX RADIUS : 2.410
 CENTROID X : -.092
 CENTROID Y : .011

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225078.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.47

2

US= 1.74

7

GS= 3.79

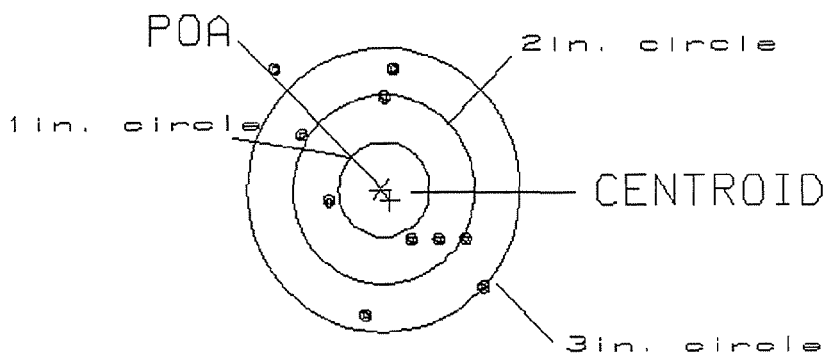
9

PATTERN #: 2
 POA TO CENTROID: .156
 MIN RADIUS : .561
 MEAN RADIUS : 1.095
 MAX RADIUS : 1.739
 CENTROID X : -.099
 CENTROID Y : .121

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225070.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.32

0

VS= 2.58

4

GS= 3.23

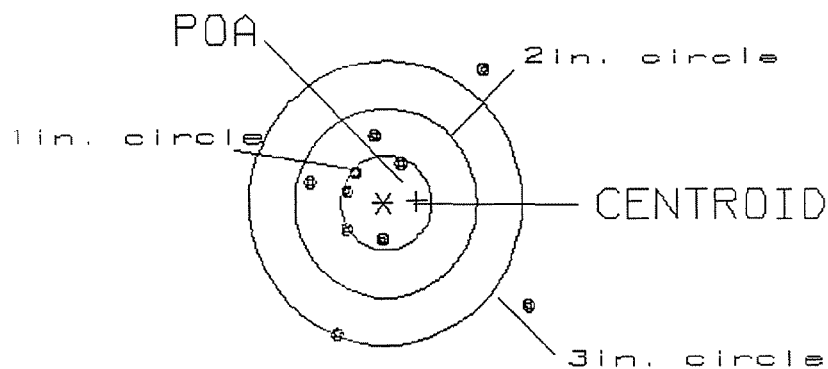
9

PATTERN #: 3
 POA TO CENTROID: .368
 MIN RADIUS : .338
 MEAN RADIUS : .892
 MAX RADIUS : 1.892
 CENTROID X : -.367
 CENTROID Y : -.016

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.33

4

VS= 2.75

7

GS= 3.19

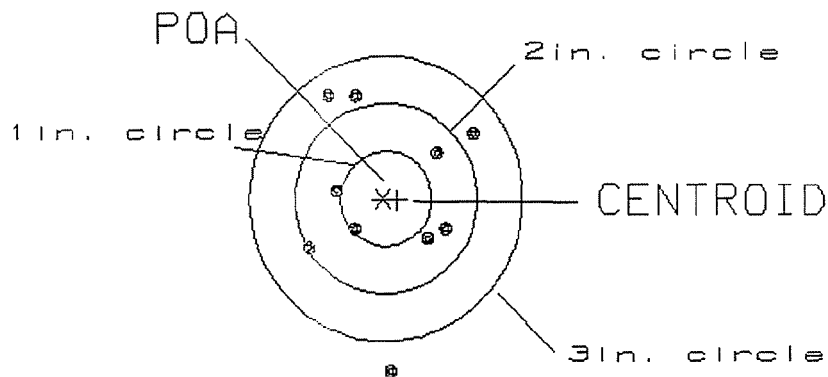
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .157
 MIN RADIUS : .456
 MEAN RADIUS : .953
 MAX RADIUS : 1.801
 CENTROID X : -.156
 CENTROID Y : .015

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.85
 VS= 2.86
 GS= 2.94

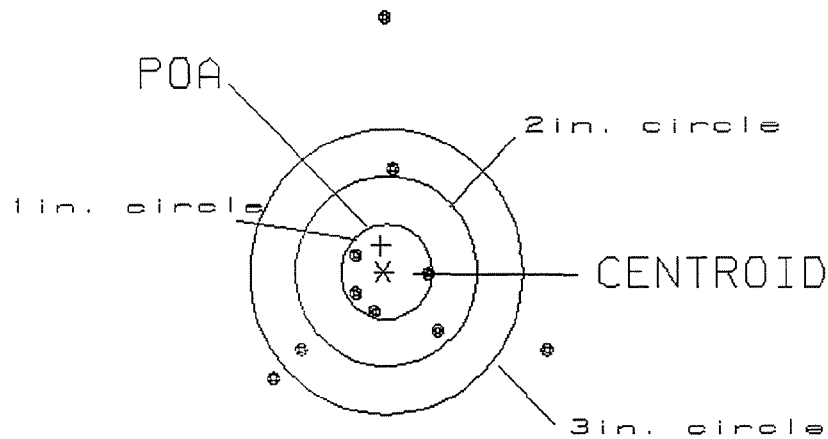
1
 5
 9

PATTERN #: 5
 POA TO CENTROID: .284
 MIN RADIUS : .364
 MEAN RADIUS : 1.112
 MAX RADIUS : 2.706
 CENTROID X : .037
 CENTROID Y : -.282

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CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.98

4

VS= 3.79

5

GS= 3.97

7