

G 639 1077
Replace
C. 6225064

Repair Inquiry

Repair Number: **RE00126631**

Serial: G6391077 Model M24 SWS Center Fire

Repairman:

Status: New 3/14/2007 5:42:41 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **TRANSPORTATION OFFICE**

TRANSPORTATION OFFICE

Address 1: **BLDG 7199**

BLDG 7199

Address 2: **GLIDER ROAD**

PO Box:

GLIDER ROAD

PO Box:

City: **FORT CAMPBELL**

FORT CAMPBELL

State: **KY**

Zip Code: **42223**

Country: **US**

State: **KY**

Zip Code: **42223**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial Number:

G6391077

Model: **M24 SWS**



RE00126631

Deployment kit

1. ORGANIZATION Cco 1-75 CAV				2. NOMENCLATURE AND MODEL M-24 SWS			
3. REGISTRATION/SERIAL/NSN C-634077		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE 23 JAN 07	6. TYPE INSPECTION PMCS

7.	APPLICABLE REFERENCE
----	----------------------

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	June 1989		

COLUMN e – Individual ascertaining completed corrective action initial in this column.

FOR AIRCRAFT - Status symbols will be recorded in red.

<i>Luke Subow</i>	1009			REQUIRED
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USAPPC V1.10

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391077.___0
FILE DATE AND TIME: 04/12/2007 23:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.149
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.165
The Average Mean Radius of the Five Target Set:	0.897
The Distance from POA to Centroid Target #1:	0.189
The Distance from Centroid Target #2 to Centroid Target #1:	0.034
The Distance from Centroid Target #3 to Centroid Target #1:	0.142
The Distance from Centroid Target #4 to Centroid Target #1:	0.859
The Distance from Centroid Target #5 to Centroid Target #1:	0.416

SERIAL NUMBER: G6391077. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 23:48

POINT#	X	Y
1:	0.277	0.310
2:	0.544	0.476
3:	1.086	0.798
4:	1.291	0.063
5:	1.774	0.036
6:	0.210	-0.212
7:	0.037	-0.403
8:	-0.800	-0.327
9:	-1.449	-0.493
10:	-1.145	0.227

X CENTROID: 0.182

Y CENTROID: 0.048

POA TO CENTROID: 0.189

HORZ SPREAD: 3.223

VERT SPREAD: 1.291

GROUP SPREAD: 3.266

MIN RADIUS: 0.261

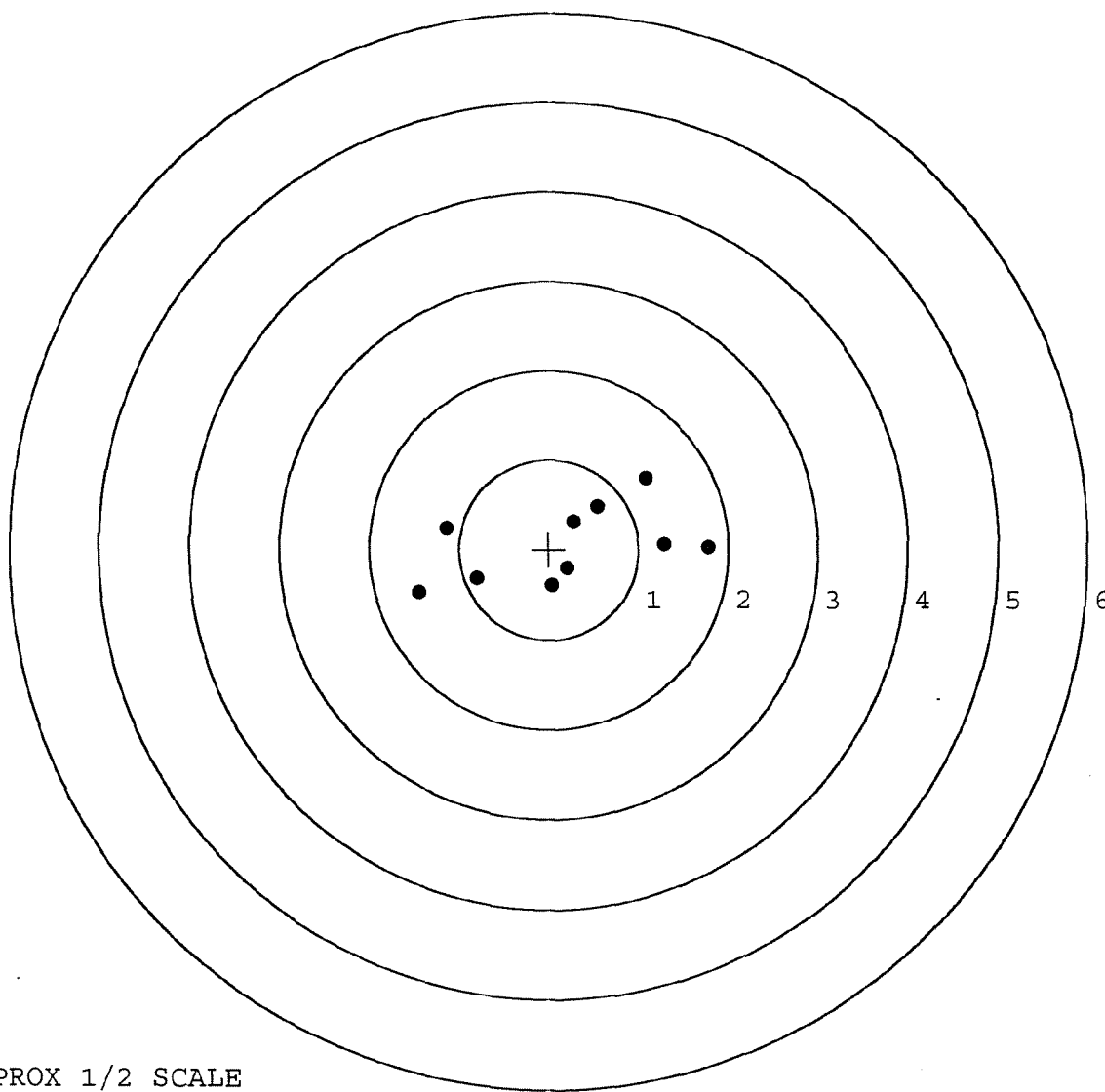
MAX RADIUS: 1.719

MEAN RADIUS: 0.956

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391077. 0

TARGET NUMBER: 2

FILE DATE: 04/12/2007

FILE TIME: 23:48

POINT#	X	Y
1:	-0.697	0.996
2:	-0.277	1.242
3:	-0.925	0.368
4:	-0.222	0.305
5:	0.447	0.229
6:	0.651	-0.217
7:	1.807	-0.009
8:	1.670	-0.327
9:	-0.451	-0.625
10:	-0.432	-1.263

X CENTROID: 0.157

Y CENTROID: 0.070

POA TO CENTROID: 0.172

HORZ SPREAD: 2.732

VERT SPREAD: 2.505

GROUP SPREAD: 2.758

MIN RADIUS: 0.331

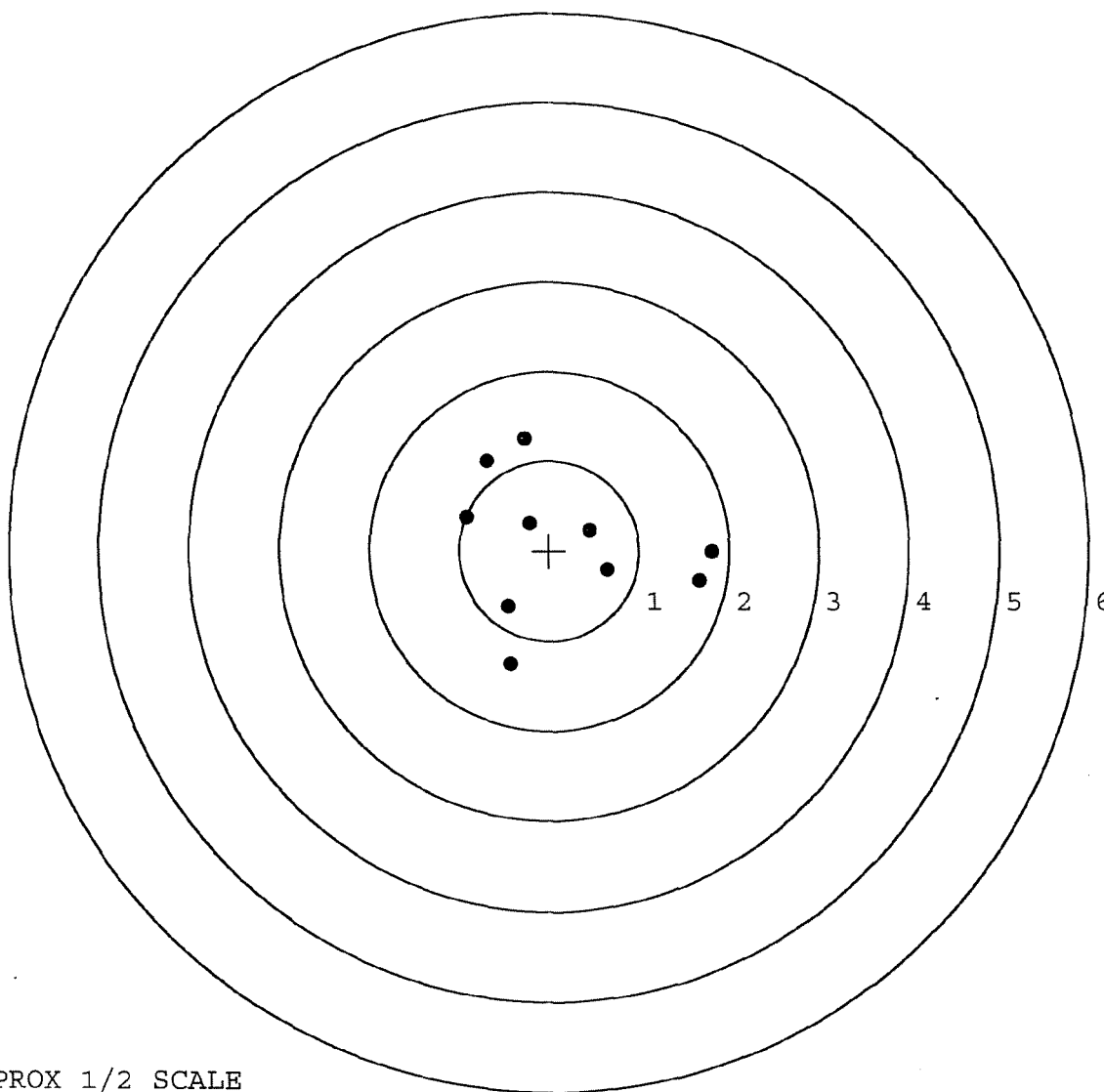
MAX RADIUS: 1.652

MEAN RADIUS: 1.058

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391077. __0

TARGET NUMBER: 3

FILE DATE: 04/12/2007

FILE TIME: 23:48

POINT#	X	Y
1:	-0.668	1.057
2:	0.255	0.640
3:	0.387	0.209
4:	0.988	-0.006
5:	1.091	0.466
6:	0.408	-0.286
7:	0.071	-0.730
8:	-0.226	-0.941
9:	-0.503	-0.612
10:	-1.052	-0.250

X CENTROID: 0.075

Y CENTROID: -0.045

POA TO CENTROID: 0.088

HORZ SPREAD: 2.143

VERT SPREAD: 1.998

GROUP SPREAD: 2.046

MIN RADIUS: 0.402

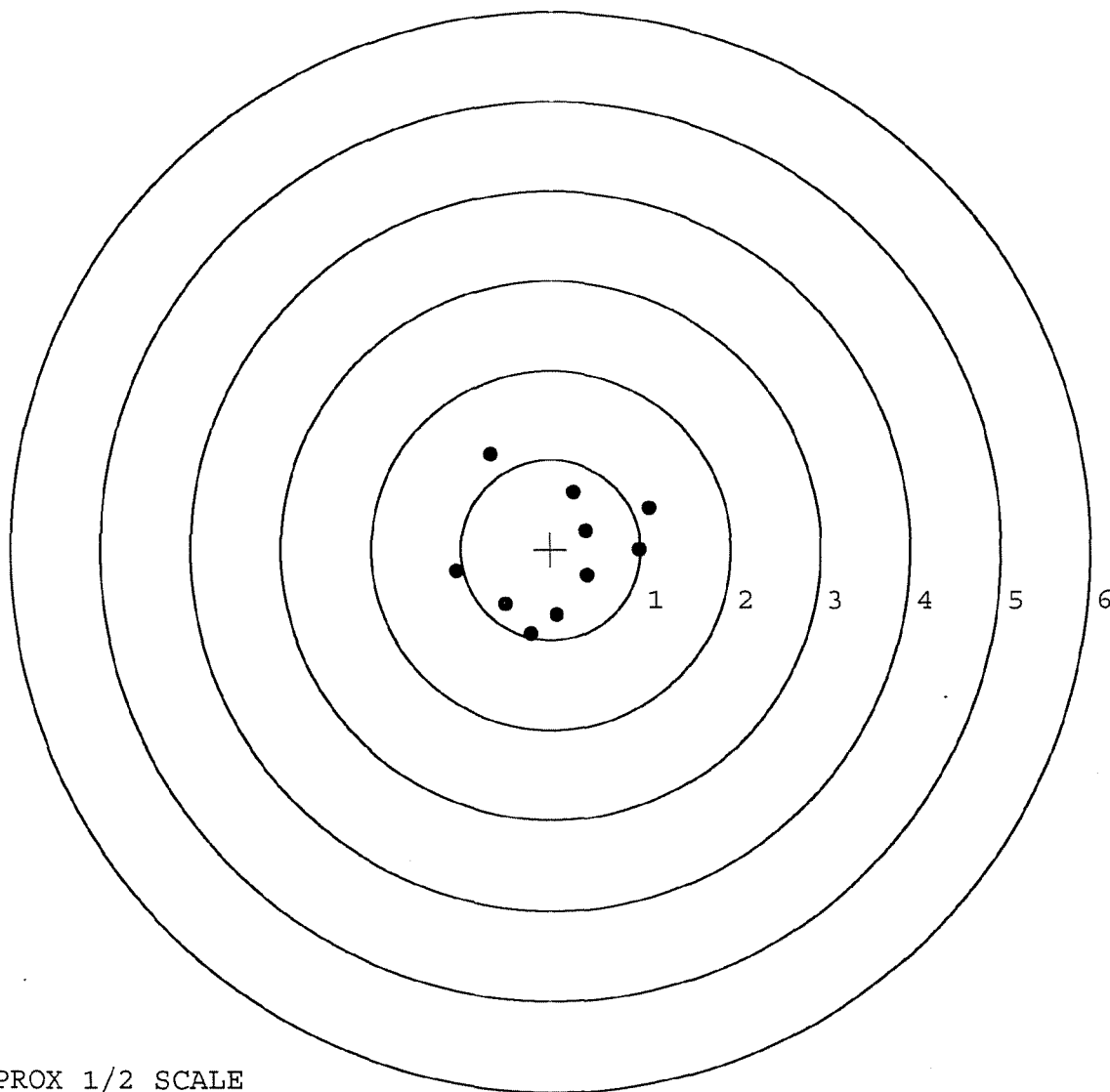
MAX RADIUS: 1.329

MEAN RADIUS: 0.849

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0148308

SERIAL NUMBER: G6391077. 0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 23:48

POINT#	X	Y
1:	-0.198	0.518
2:	0.111	0.423
3:	0.529	0.755
4:	0.235	-0.304
5:	-0.348	-0.285
6:	-0.458	-0.790
7:	-0.468	-1.125
8:	-0.103	-2.253
9:	-1.002	-3.198
10:	-0.171	-1.022

X CENTROID: -0.187

Y CENTROID: -0.728

POA TO CENTROID: 0.752

HORZ SPREAD: 1.531

VERT SPREAD: 3.953

GROUP SPREAD: 4.239

MIN RADIUS: 0.278

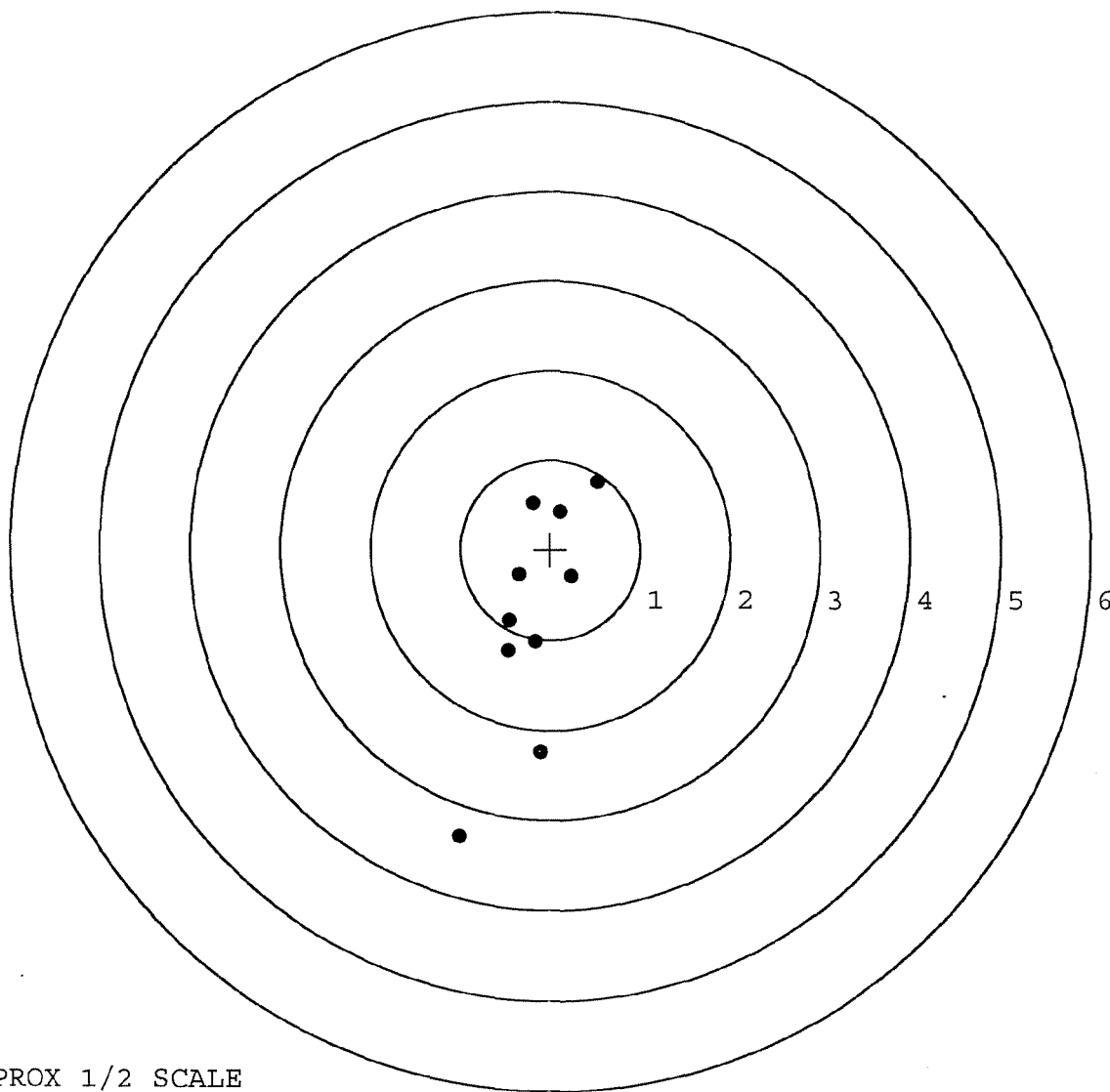
MAX RADIUS: 2.601

MEAN RADIUS: 1.034

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391077. 0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 23:48

POINT#	X	Y
1:	0.546	0.069
2:	1.249	0.440
3:	1.099	1.143
4:	0.001	1.266
5:	-0.068	0.366
6:	0.328	0.138
7:	0.496	-0.399
8:	0.150	-0.430
9:	0.506	0.232
10:	0.861	0.129

X CENTROID: 0.517

Y CENTROID: 0.295

POA TO CENTROID: 0.595

HORZ SPREAD: 1.317

VERT SPREAD: 1.696

GROUP SPREAD: 1.737

MIN RADIUS: 0.064

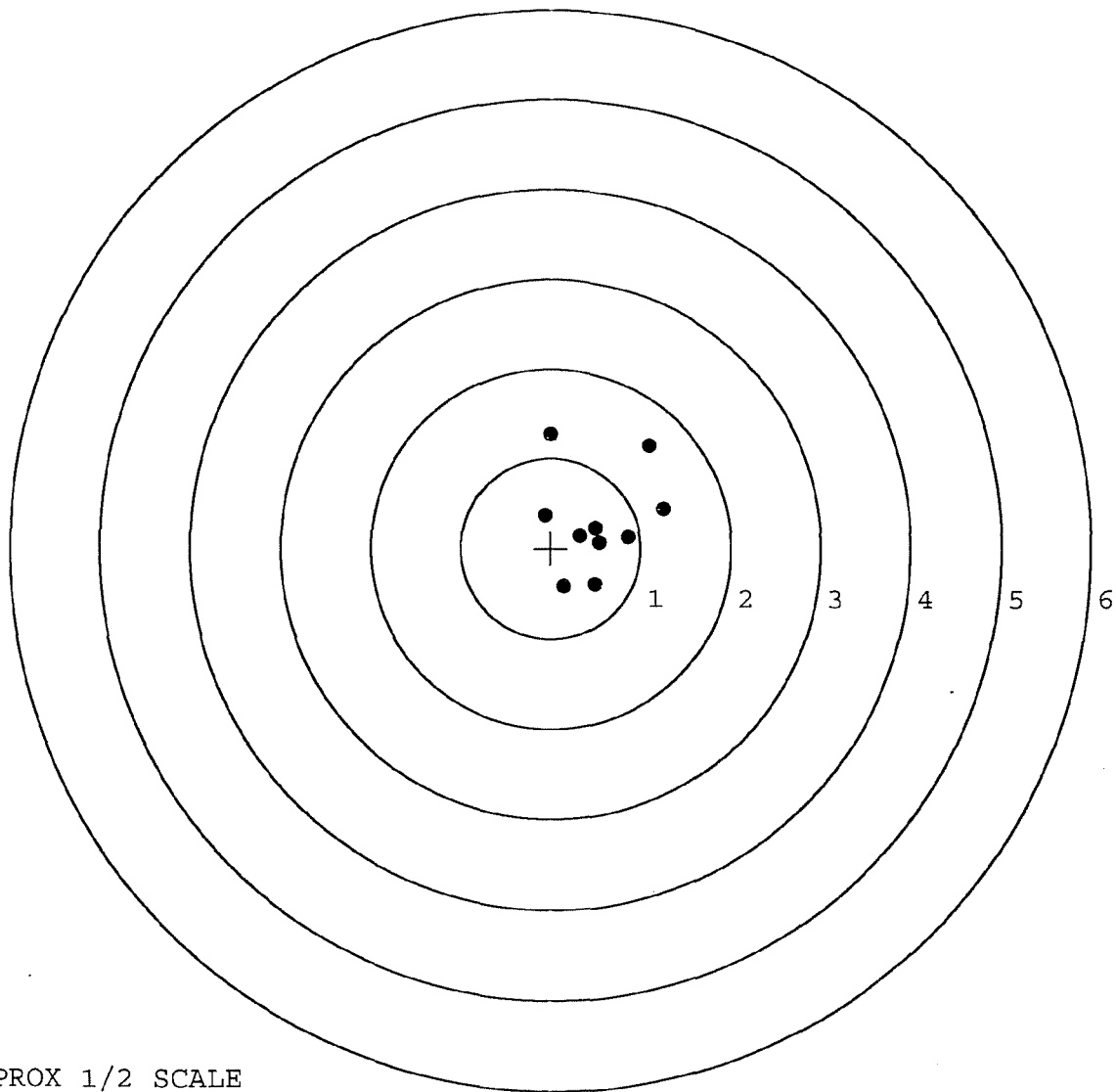
MAX RADIUS: 1.099

MEAN RADIUS: 0.589

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126631		
SERIAL NUMBER	G6391077		
LOG-IN DATE	3-14-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-23-07	RTZ
505	RE-BARREL	3-23-07	RTZ
560	ASSEMBLE	3-23-07	RTZ
600	PROOF	3-23-07	RTZ
605	CHECK HEADSPACE	INSPECTED 3-23-07	RTZ
610	DIS-ASSEMBLE GUN	MAR 26 2007 3-23-07	RTZ
612	MAGNAFLUX	OPERATOR <i>[Signature]</i> 3/26/07	<i>[Signature]</i>
510	DRILL AND TAP	3-23-07	TRW
615	ROLLMARK CALIBER	3-26-07	CW
618	ROTO-BLAST	3-26-07	CB
620	APPLY COATINGS	3-26-07	WJ
625	FINAL ASSEMBLY	4-16-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL 4-16-07	<i>[Signature]</i>
650	TARGET	(PASS) FAIL 4-16-07	<i>[Signature]</i>
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4/19/07	<i>[Signature]</i>
	A) HEADSPACE	(PASS) FAIL 4/19/07	<i>[Signature]</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	
		266 255 264 249 233	4/19/07 <i>[Signature]</i>
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	
		6.5 6.25 6.75	4/19/07 <i>[Signature]</i>
	G) SAFETY OFF FORCE	2 LBS MIN	
		4.5 4.25 5.25	4/19/07 <i>[Signature]</i>
	I) FIRING PIN INDENT	.020	
		.022 .021 .021	4/19/07 <i>[Signature]</i>
690	PACK		4-23-07 <i>[Signature]</i>

BARBER - M24 0148311

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00083854** Serial: C6225064 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 8/17/2004 9:26:14 AM

Verify Repair

Address Information

Customer: (6) Received From: Return To: (7) Received From:

Name: ISSD ARMS ROOM ISSD ARMS ROOM

Address 1: BLDG 5210 BLDG 5210

Address 2: PO Box: PO Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 42223 Country: US State: KY Zip Code: 42223 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	2
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search Refresh Close

negletj 8/17/2004 9:38 AM CAPS NUM INS SCPL

start 3 4

G6391077 New

Serial: ~~C6225064~~

Model: M24 SWS



RE00083854

AVERAGE PULL FORCE BETWEEN
 INITIAL **BARBER - M24 0148312**
 2.50 LBS (plus or minus 0.50 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE

8-16-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.65		2.77	
PULL #2	2.51	2.51		2.88	
PULL #3	2.46	2.69		2.70	
PULL #4	2.47	2.59		2.79	
PULL #5	2.53	2.64		2.76	
TOTAL	12.58	13.08		13.90	
AVERAGE	2.51	2.61		2.78	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.35		
PULL #2	3.14	3.24		
PULL #3	3.23	3.20		
PULL #4	3.18	3.29		
PULL #5	3.24	3.21		
TOTAL	15.83	16.29		
AVERAGE	3.16	3.25		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.40	4.42		4.52
PULL #2	4.21	4.49		4.56
PULL #3	4.33	4.43		4.47
PULL #4	4.44	4.47		4.45
PULL #5	4.45	4.46		4.42
TOTAL	21.83	22.27		22.42
AVERAGE	4.36	4.45		4.48

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391077.__0
FILE DATE AND TIME: 09/09/2004 08:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.026
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.734
The Distance from POA to Centroid Target #1:	0.133
The Distance from Centroid Target #2 to Centroid Target #1:	0.295
The Distance from Centroid Target #3 to Centroid Target #1:	0.067
The Distance from Centroid Target #4 to Centroid Target #1:	0.123
The Distance from Centroid Target #5 to Centroid Target #1:	0.164

SERIAL NUMBER: G6391077. 0

TARGET NUMBER: 1

FILE DATE: 09/09/2004

FILE TIME: 08:13

X CENTROID: 0.110

Y CENTROID: -0.075

POA TO CENTROID: 0.133

HORZ SPREAD: 2.129

VERT SPREAD: 3.020

GROUP SPREAD: 3.231

MIN RADIUS: 0.373

MAX RADIUS: 1.989

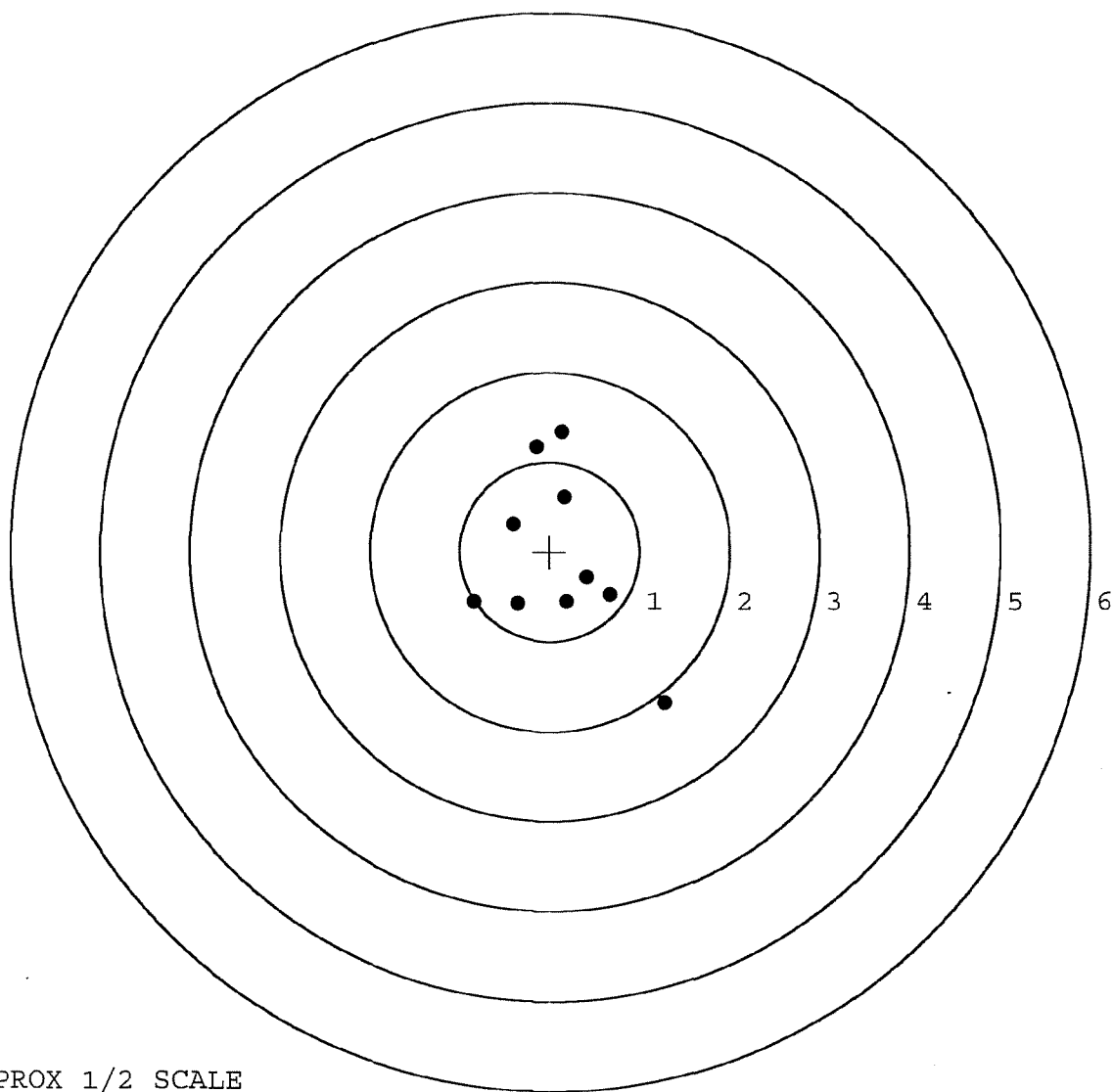
MEAN RADIUS: 0.933

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.285	-1.680
2:	0.673	-0.482
3:	0.414	-0.291
4:	0.188	-0.560
5:	-0.355	-0.590
6:	-0.844	-0.567
7:	-0.411	0.303
8:	0.162	0.608
9:	-0.153	1.168
10:	0.137	1.340



TARGET APPROX 1/2 SCALE

BARBER - M24 0148315

SERIAL NUMBER: G6391077. __0

TARGET NUMBER: 2

FILE DATE: 09/09/2004

FILE TIME: 08:13

POINT#	X	Y
1:	0.855	-0.582
2:	-0.044	-0.885
3:	-0.152	-0.506
4:	0.073	-0.235
5:	-0.927	-0.648
6:	-0.040	0.897
7:	-0.360	0.682
8:	-0.229	0.310
9:	-0.584	0.367
10:	-0.435	0.112

X CENTROID: -0.184

Y CENTROID: -0.049

POA TO CENTROID: 0.191

HORZ SPREAD: 1.782

VERT SPREAD: 1.782

GROUP SPREAD: 1.783

MIN RADIUS: 0.298

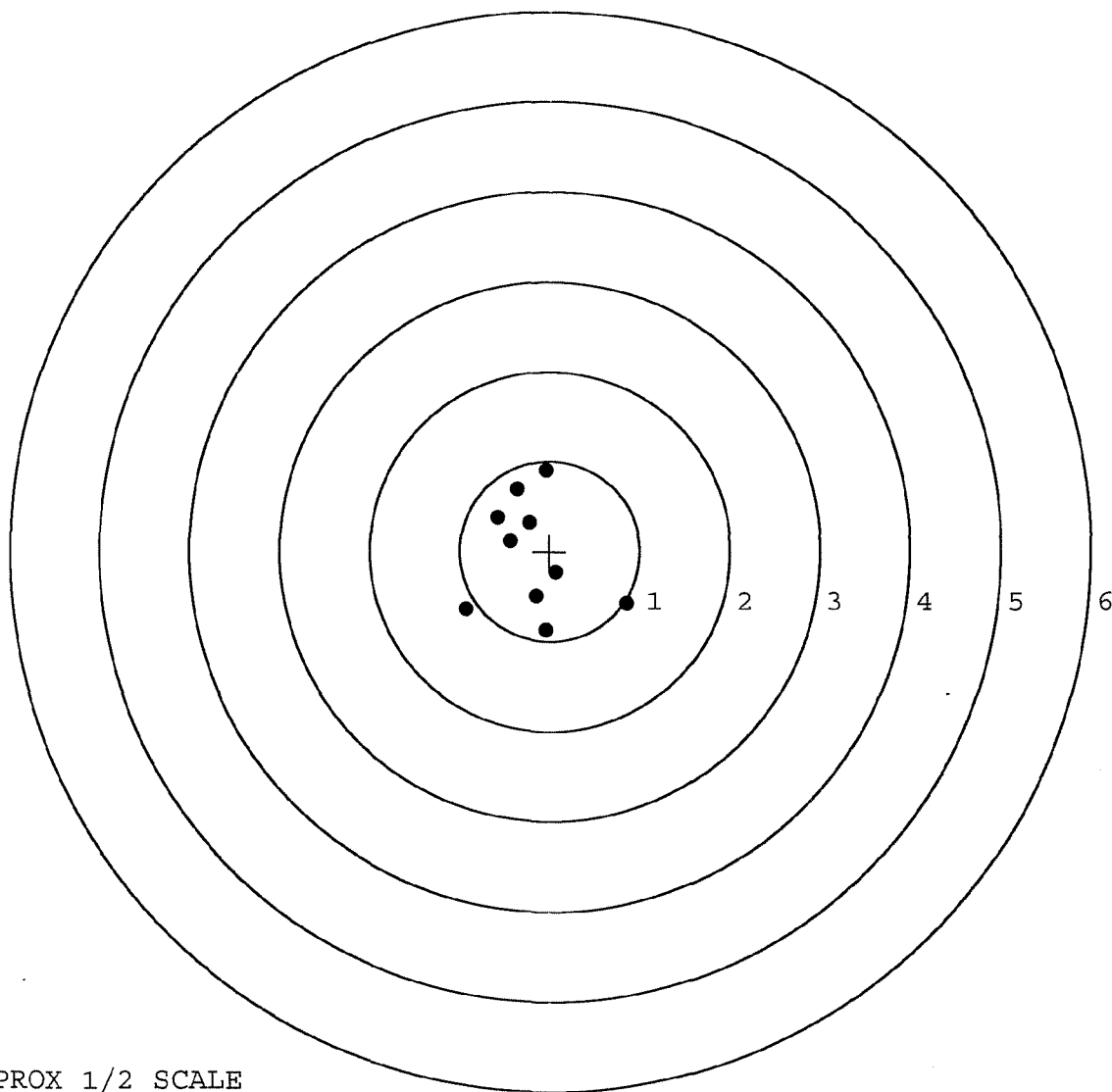
MAX RADIUS: 1.168

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391077. __0

TARGET NUMBER: 3

FILE DATE: 09/09/2004

FILE TIME: 08:13

X CENTROID: 0.139

Y CENTROID: -0.015

POA TO CENTROID: 0.140

HORZ SPREAD: 2.311

VERT SPREAD: 1.852

GROUP SPREAD: 2.440

MIN RADIUS: 0.297

MAX RADIUS: 1.285

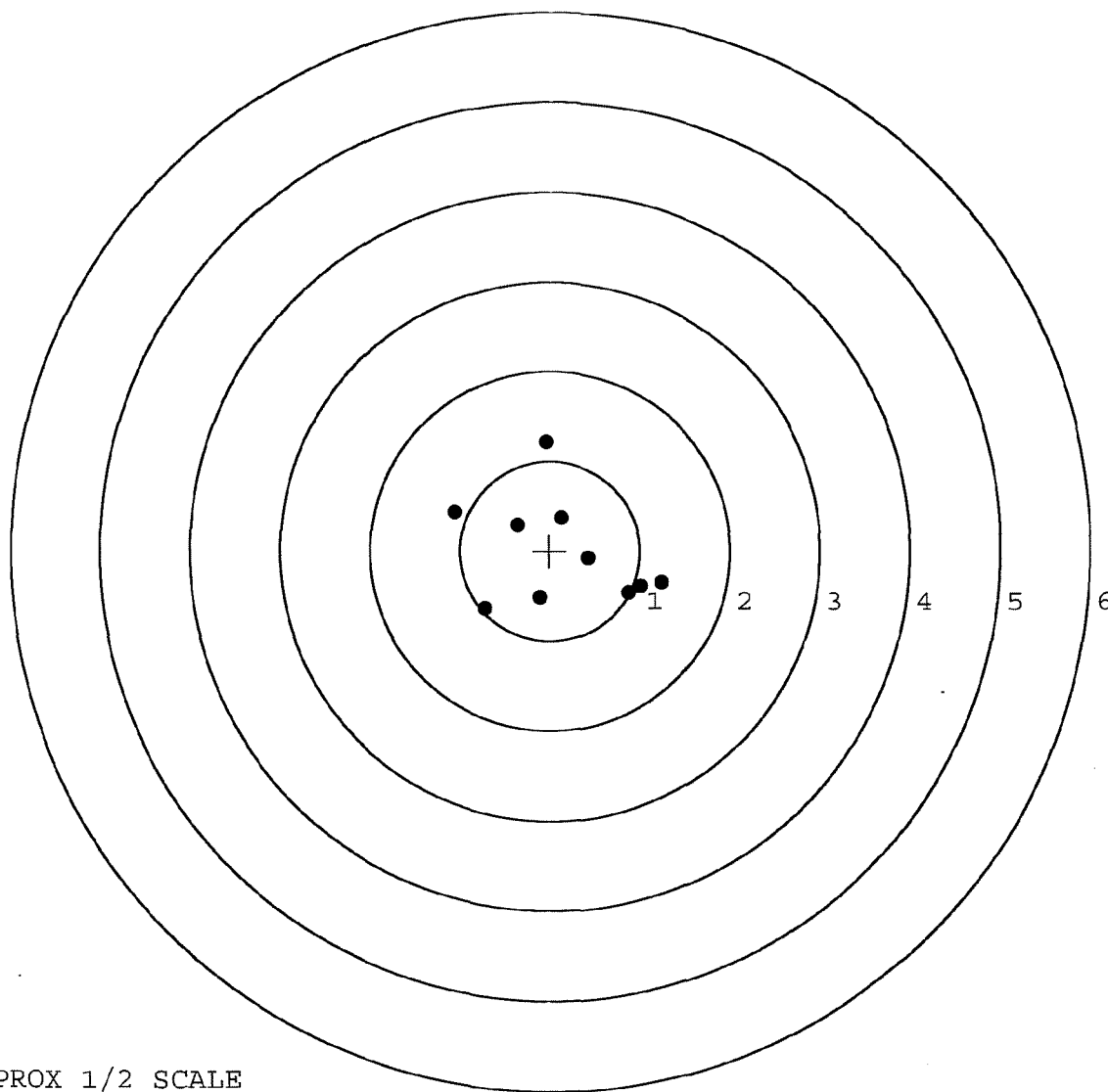
MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.245	-0.353
2:	1.013	-0.387
3:	0.877	-0.463
4:	0.430	-0.077
5:	-0.109	-0.525
6:	-0.721	-0.643
7:	0.130	0.370
8:	-0.360	0.288
9:	-1.066	0.429
10:	-0.046	1.209



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391077. 0

TARGET NUMBER: 4

FILE DATE: 09/09/2004

FILE TIME: 08:13

X CENTROID: 0.119

Y CENTROID: 0.047

POA TO CENTROID: 0.128

HORZ SPREAD: 1.810

VERT SPREAD: 2.404

GROUP SPREAD: 3.006

MIN RADIUS: 0.092

MAX RADIUS: 1.582

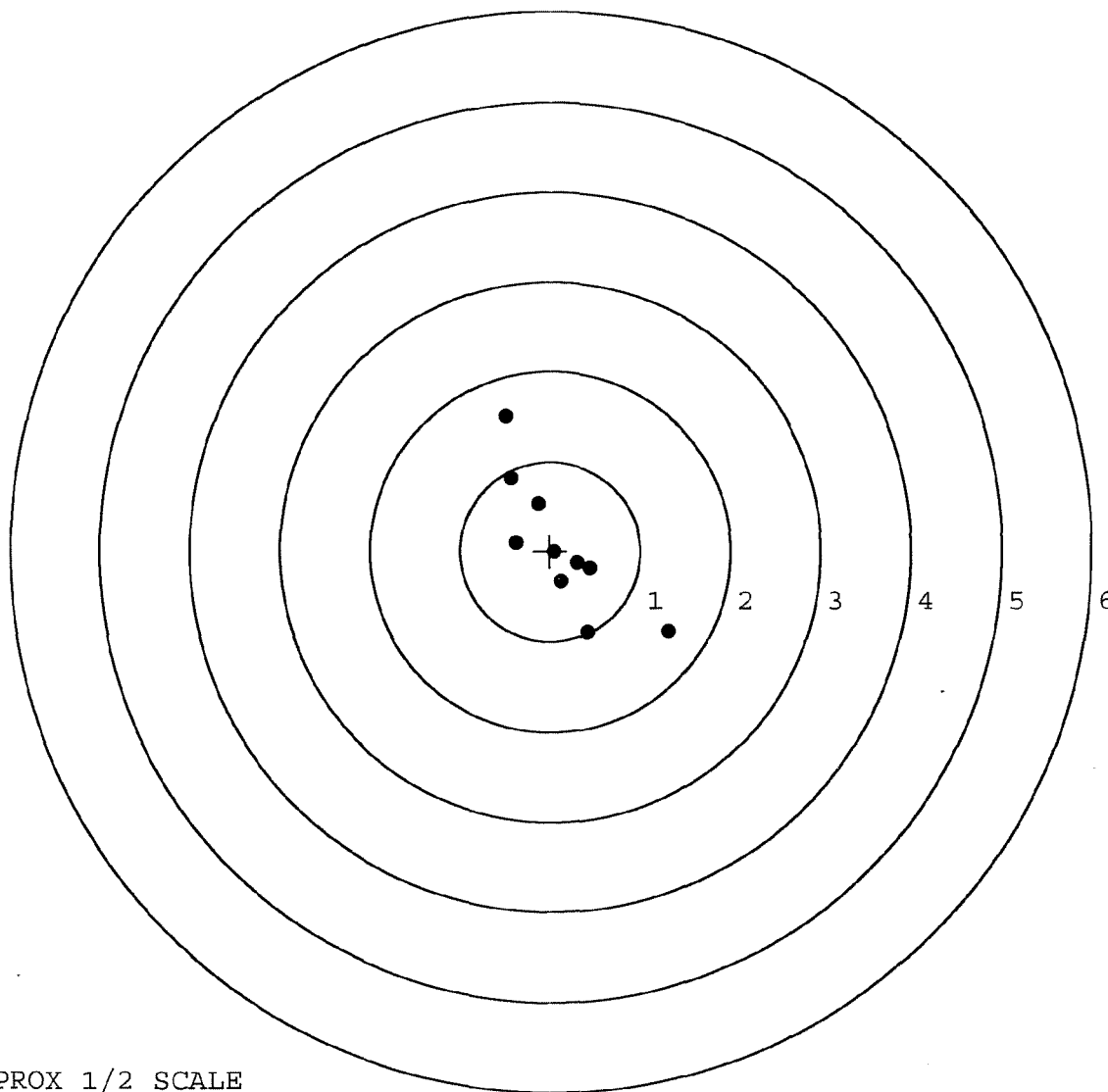
MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.310	-0.897
2:	0.415	-0.901
3:	-0.500	1.503
4:	-0.435	0.820
5:	-0.134	0.527
6:	-0.378	0.096
7:	0.047	-0.009
8:	0.445	-0.192
9:	0.120	-0.341
10:	0.301	-0.131



TARGET APPROX 1/2 SCALE

BARBER - M24 0148318

SERIAL NUMBER: G6391077. __0

TARGET NUMBER: 5

FILE DATE: 09/09/2004

FILE TIME: 08:13

X CENTROID: -0.053

Y CENTROID: -0.100

POA TO CENTROID: 0.113

HORZ SPREAD: 1.097

VERT SPREAD: 1.282

GROUP SPREAD: 1.484

MIN RADIUS: 0.144

MAX RADIUS: 0.819

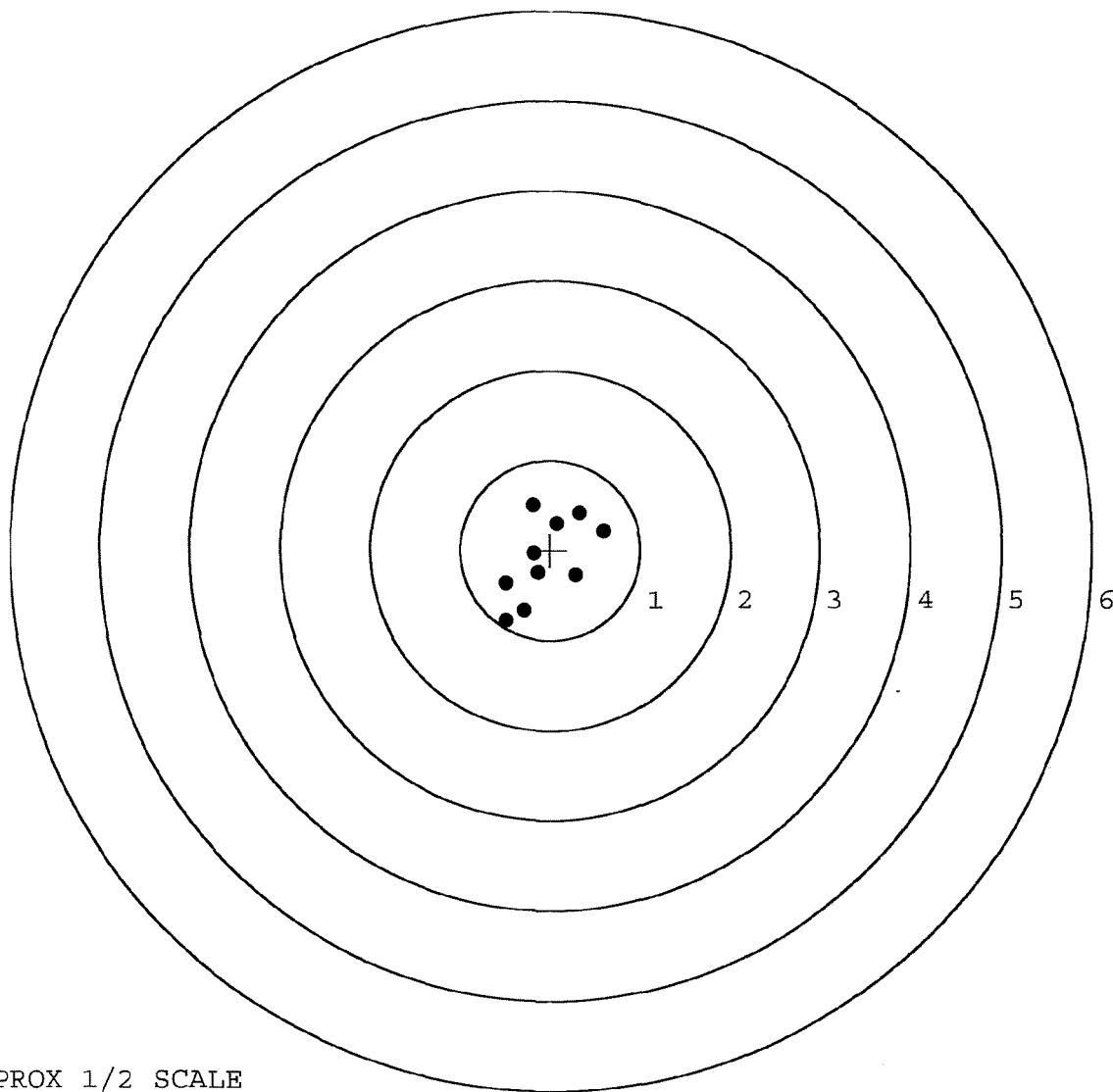
MEAN RADIUS: 0.506

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.498	-0.788
2:	-0.287	-0.677
3:	-0.497	-0.376
4:	0.282	-0.282
5:	0.599	0.211
6:	0.323	0.414
7:	0.070	0.296
8:	-0.200	0.494
9:	-0.182	-0.037
10:	-0.139	-0.258



TARGET APPROX 1/2 SCALE

R & E NUMBER	838 54		
SERIAL NUMBER	C6225064 G6391077		
LOG-IN DATE	8-17-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-17-04	RTL
560 A	RE-BARREL		
B	DRILL AND TAP	8-24-04	TRW
575	ASSEMBLE		MAGNA-FLUX
600	PROOF		INSPECTED
605	CHECK HEADSPACE		AUG 25 2004
610	DIS-ASSEMBLE GUN		OPERATOR
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-25-04	SB
618	ROTO-BLAST	8-26-04	LB
620	APPLY COATINGS	9/7/04	HP
625 A	FINAL ASSEMBLY	9-8-04	RW
B	TRIGGER PULL TEST	9-13-04	RTL
C	SAFETY "ON" FORCE	9-13-04	RTL
D	SAFETY "OFF" FORCE	9-13-04	RTL
E	FIRING PIN INDENT		
640	TARGET	9-9-04	A
655	FINAL INSPECT	9-13-04	RTL
660	PACK	9-30-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		



Dear Customer:

The services that have been performed on your product are explained below.

- X **Mechanical Inspection** To insure total travel for windage and elevation adjustment in your scope, we use a calibration instrument called a "Collimator." The windage and elevation adjustments were completely cycled and we have verified that they have total travel. A specialist in our service department has checked your scope for image jump and drift, loss of motion, parallax, and image quality. All tests show your scope is mechanically sound.
- Complete Internal Inspection** To return your scope to an "as new" condition, a specialist in our service department has removed all internal parts. The specialist has checked cam followers, screws, lens and pivot tube slots. After careful inspection your scope has been reassembled to an as new condition.
- X **Visual Inspection** Our experienced specialist has carefully inspected your scope for any irregularities inside and outside. This inspection includes a thorough lens inspection. Your scope was found to be completely sound and functional.

Yours truly,

L&S Technical Service Specialist

GFM

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225064

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/22/93	RW
600	Proof		3/22/93	RW
607	Check Headspace		3/22/93	RW
610	Dis-assemble Gun		3/22/93	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		4/1/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/93	RW
	C) Inspect Ejector Hole for Chamfer		4/1/93	RW
	D) Oil Firing Pin Ass'y		4/1/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

Op. #	BARBER - M24 0148322 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		4/1/93	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle		4/1/93	RW
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/2/93	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/93	RW
655	Final Inspection			
	A) Headspace		4/3/93	RW
	B) Trigger Pull			
	C) Function		4/2/93	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225064
3 Apr 1993

CENTROIDAL DISTANCES

0 TO	1	.202002
1 TO	2	.129653
1 TO	3	.222389
1 TO	4	.895068
1 TO	5	.396045

output + <----POB

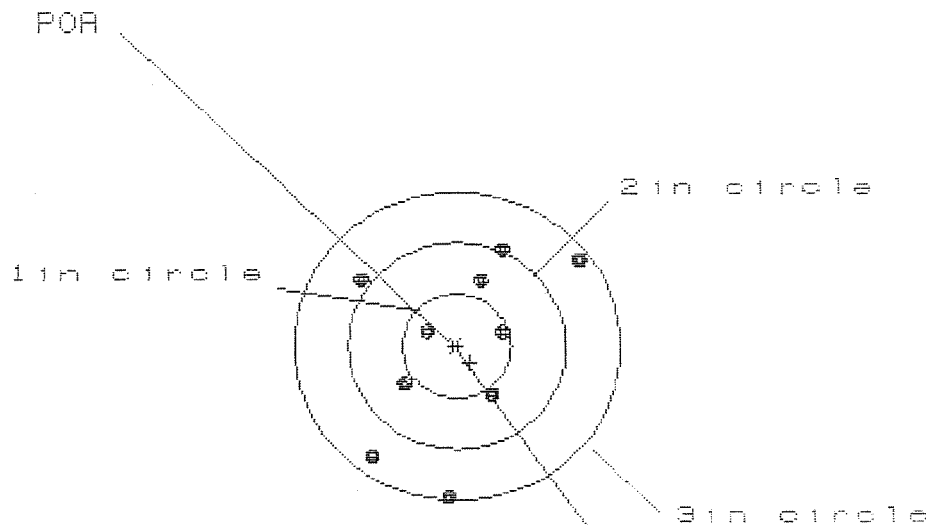
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0956
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .134
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .164607

THE AMR FOR THIS RIFLE IS: .896

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225064

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.005

VS= 2.385

GS= 2.669

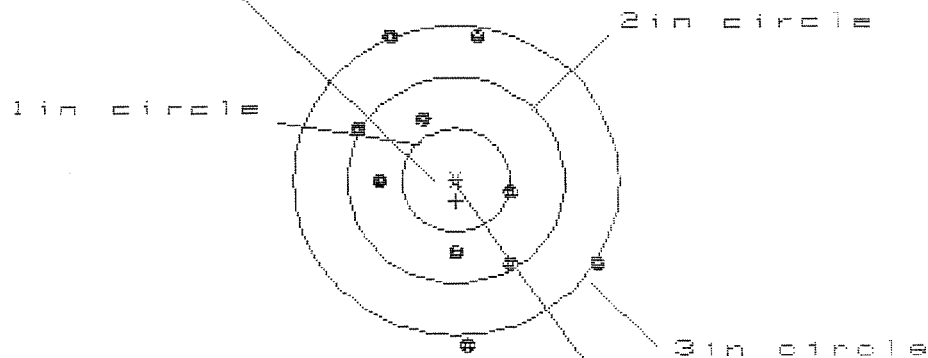
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.119	1.109	.546
MINIMUM X	-.886	-.896	-.757
MAXIMUM Y	.963	.805	.890
MINIMUM Y	-1.422	-1.178	-1.093
CENTROID X	-.122	-.112	-.251
CENTROID Y	.161	.319	.234
POA TO CENTROID in.	.202	.338	.343
MIN RADIUS	.256	.256	.111
MEAN RADIUS	.880	.806	.733
MAX RADIUS	1.424	1.428	1.281
HORIZONTAL SPREAD	2.005	2.005	1.303
VERTICAL SPREAD	2.385	1.983	1.983
EXTREME SPREAD	2.669	2.669	2.325
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225064

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.239

VS = 3.063

GS = 3.139

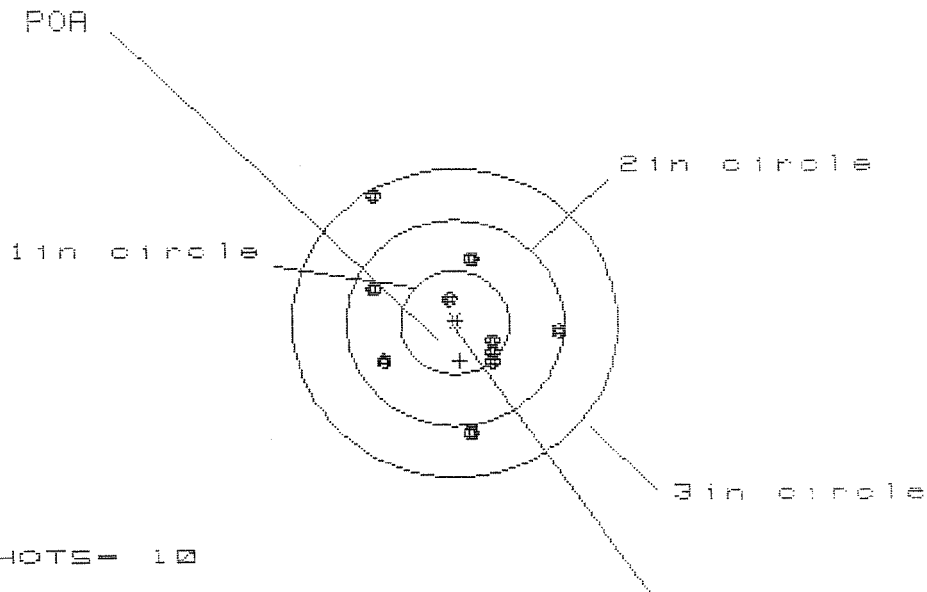
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.346	1.355	1.281
MINIMUM X	:	-0.893	-0.884	-0.958
MAXIMUM Y	:	1.447	1.267	1.366
MINIMUM Y	:	-1.616	-0.955	-0.796
CENTROID X	:	.001	-0.008	.066
CENTROID Y	:	.202	.382	.223
POA TO CENTROID in.	:	.202	.382	.233
MIN RADIUS	:	.484	.527	.425
MEAN RADIUS	:	1.060	.993	.928
MAX RADIUS	:	1.618	1.658	1.508
HORIZONTAL SPREAD	:	2.239	2.239	2.239
VERTICAL SPREAD	:	3.063	2.222	2.162
EXTREME SPREAD	:	3.139	2.956	2.563
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225064

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.646

VS = 2.272

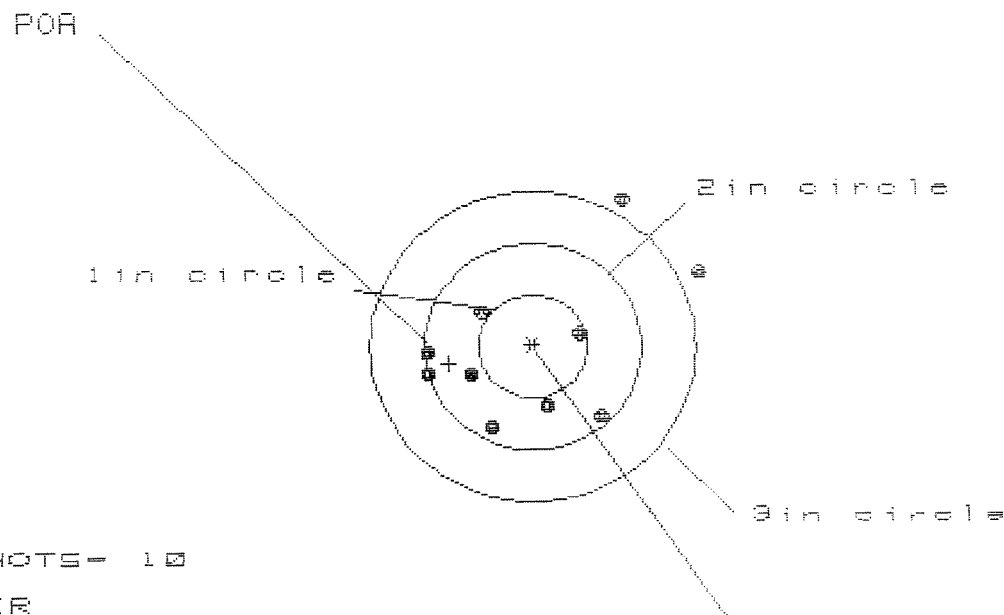
GS = 2.439

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.920
MINIMUM X	-.726
MAXIMUM Y	1.182
MINIMUM Y	-1.090
CENTROID X	-.046
CENTROID Y	.370
POA TO CENTROID in.	.373
MIN RADIUS	.273
MEAN RADIUS	.722
MAX RADIUS	1.387
HORIZONTAL SPREAD	1.646
VERTICAL SPREAD	2.272
EXTREME SPREAD	2.439
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	10

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225084

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.518

VS= 2.167

GS= 2.787

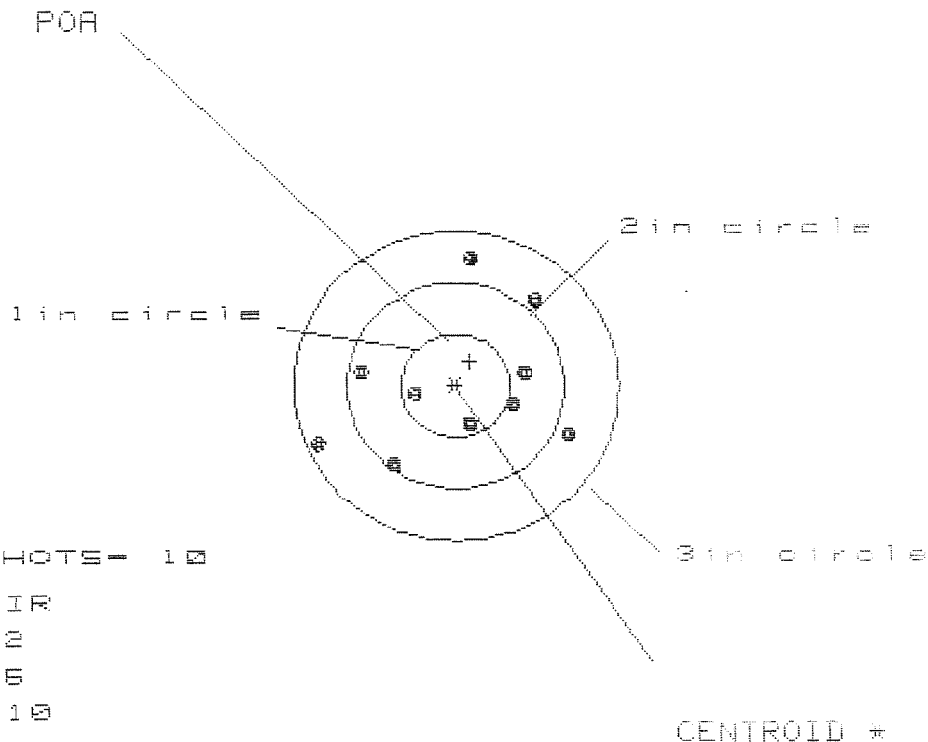
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.503	.976	.951
MINIMUM X	:	-1.015	-.848	-.726
MAXIMUM Y	:	1.403	1.487	.595
MINIMUM Y	:	-.764	-.680	-.494
CENTROID X	:	.773	.606	.484
CENTROID Y	:	.172	.088	-.098
POA TO CENTROID in.	:	.792	.613	.494
MIN RADIUS	:	.438	.485	.327
MEAN RADIUS	:	.944	.823	.660
MAX RADIUS	:	1.681	1.778	1.048
HORIZONTAL SPREAD	:	2.518	1.824	1.677
VERTICAL SPREAD	:	2.167	2.167	1.089
EXTREME SPREAD	:	2.787	2.471	1.804
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225064

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.282

VS = 2.036

GS = 2.460

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.014
MINIMUM X	-1.268
MAXIMUM Y	1.257
MINIMUM Y	-0.779
CENTROID X	-0.128
CENTROID Y	-0.235
POA TO CENTROID in.	0.267
MIN RADIUS	0.359
MEAN RADIUS	0.874
MAX RADIUS	1.391
HORIZONTAL SPREAD	2.282
VERTICAL SPREAD	2.036
EXTREME SPREAD	2.460
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

DU PONT

SERIAL NO.
C6225064

ORDER NO.
5716

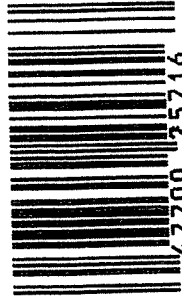
Ø1

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



5716 C6225064

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225064

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	2.17	89	RW
610	Dis-assemble Gun	17	89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	LS
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT
620	Apply Coatings (Barrel Action)		3-21-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/89	RW
	C) Inspect Ejector Hole for Chamfer		3/30/89	RW
	D) Oil Firing Pin Ass'y		3/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-3-89	LS

op. #	BARBER - M24 0148331 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			4-7-89	gcl
	G) Safety Off Force	3	3	3			4-7-89	gcl
	H) Trigger Pull Test & Retainability						4-3-89	S.S.
	I) Firing Pin Indent	.021	.020	.021			4-7-89	gcl
	J) Assemble Stock						4/7/89	RW
	K) Assemble Swivel Studs						12 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/7/89	RW
	M) Iron Sight Alignment						4/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/7/89	RW
	O) Attach Scope to Rifle						4/7/89	gcl
	P) Detach & Attach Scope 20 Times						4/10/89	gcl
640	Gallery Target & Test	65 R	88L				4/10/89	DH
	A) Time						4/10/89	DH
	B) Malfunctions						4/10/89	DH
	C) Pierced Primers						4/10/89	DH
	D) Optical Clarity of Scope						4/10/89	DH
645	Inspect for Live Ammo						4/10/89	DH
655	Final Inspection A) Headspace						12 April 89	JS
	B) Trigger Pull	206	256	214	250	228	12 April 89	JS
	C) Function						12 April 89	JS
660	Pack						20 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225064DATE 4-11-90TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.46		2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.52		2.11	
PULL #3	2.41	2.44		2.20	
PULL #4	2.43	2.45		2.30	
PULL #5	2.45	2.48		2.20	
TOTAL	12.35	12.35		11.08	
AVG.	2.47	2.47		2.216	

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.26	3.40			
PULL #2	3.07	3.34			
PULL #3	3.44	3.31			
PULL #4	3.38	3.30			
PULL #5	3.35	3.38			
TOTAL	16.50	16.73			
AVG.	3.3	3.346			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.15		
PULL #2	4.21	4.23		
PULL #3	4.22	4.30		
PULL #4	4.32	4.18		
PULL #5	4.24	4.26		
TOTAL	21.30	21.12		
AVG.	4.26	4.224		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225064
12 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.274405
1 TO	2	.417398
1 TO	3	.477067
1 TO	4	.64305
1 TO	5	.508674

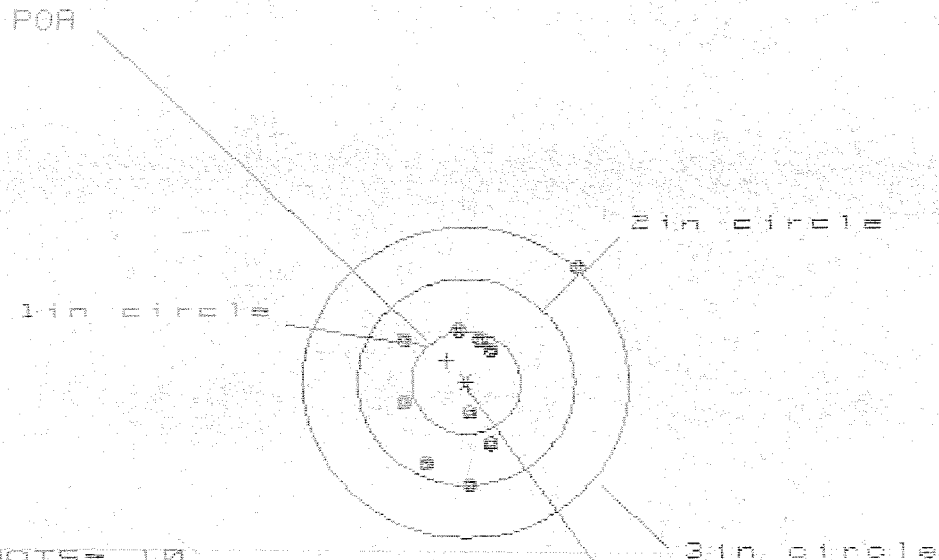
4.84³ <---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0438
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118957
THE AMR FOR THIS RIFLE IS: .8792

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225064

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.629

VS= 2.048

GS= 2.288

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.087	.380	.393
MINIMUM X	-.622	-.510	-.497
MAXIMUM Y	1.093	.651	.546
MINIMUM Y	-.955	-.833	-.742
CENTROID X	.173	.061	.048
CENTROID Y	-.213	-.335	-.230
POA TO CENTROID in.	.274	.340	.235
MIN RADIUS	.274	.179	.278
MEAN RADIUS	.696	.595	.560
MAX RADIUS	1.486	.840	.771
HORIZONTAL SPREAD	1.629	.890	.890
VERTICAL SPREAD	2.048	1.484	1.288
EXTREME SPREAD	2.288	1.493	1.334
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225084

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

CENTROID *

HS= 3.512

VS= 1.226

GS= 3.544

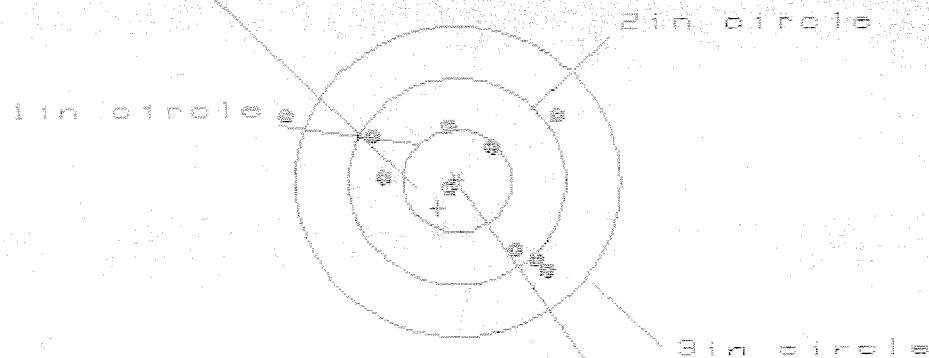
PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.714
MINIMUM X	:	-1.799
MAXIMUM Y	:	.640
MINIMUM Y	:	-.586
CENTROID X	:	-.141
CENTROID Y	:	.062
POA TO CENTROID in.	:	.154
MIN RADIUS	:	.363
MEAN RADIUS	:	1.033
MAX RADIUS	:	1.799
HORIZONTAL SPREAD	:	3.512
VERTICAL SPREAD	:	1.226
EXTREME SPREAD	:	3.544
NUMBER IN ONE INCH CIRCLE =	:	1
NUMBER IN TWO INCH CIRCLE =	:	5
NUMBER IN THREE INCH CIRCLE =	:	8

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225064

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.501

VS= 1.518

GS= 2.788

CENTROID +

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.951	.778	.855
MINIMUM X	-1.550	-.989	-.911
MAXIMUM Y	.616	.664	.560
MINIMUM Y	-.902	-.833	-.820
CENTROID X	.181	.354	.277
CENTROID Y	.264	.195	.299
POA TO CENTROID in.	.320	.404	.407
MIN RADIUS	.106	.278	.207
MEAN RADIUS	.850	.765	.707
MAX RADIUS	1.668	1.091	1.022
HORIZONTAL SPREAD	2.501	1.767	1.767
VERTICAL SPREAD	1.518	1.497	1.380
EXTREME SPREAD	2.788	2.062	1.898
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225064

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.167

VS= 2.220

GS= 2.716

CENTROID *

PATTERN #

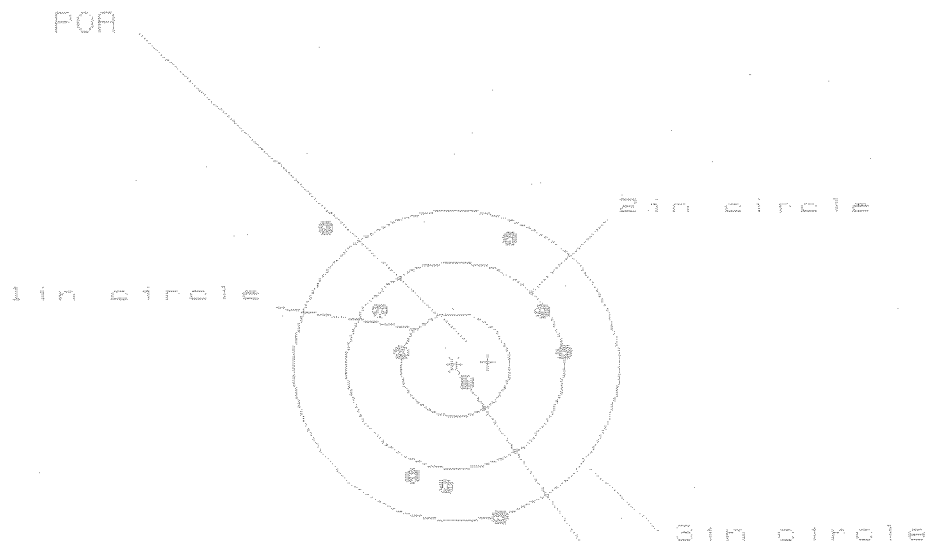
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.043	.918	.574
MINIMUM X	-1.124	-.536	-.421
MAXIMUM Y	1.150	1.245	1.159
MINIMUM Y	-1.070	-.975	-1.061
CENTROID X	-.464	-.339	-.454
CENTROID Y	-.301	-.396	-.310
POA TO CENTROID in.	.553	.521	.549
MIN RADIUS	.120	.070	.109
MEAN RADIUS	.781	.696	.635
MAX RADIUS	1.412	1.250	1.159
HORIZONTAL SPREAD	2.167	1.454	.995
VERTICAL SPREAD	2.220	2.220	2.220
EXTREME SPREAD	2.716	2.229	2.229
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225064

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

CENTROID *

HS= 2.124

VS= 2.759

GS= 3.172

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.974
MINIMUM X	-1.150
MAXIMUM Y	1.302
MINIMUM Y	-1.457
CENTROID X	-.302
CENTROID Y	-.031
POA TO CENTROID in.	.304
MIN RADIUS	.149
MEAN RADIUS	1.036
MAX RADIUS	1.737
HORIZONTAL SPREAD	2.124
VERTICAL SPREAD	2.759
EXTREME SPREAD	3.172
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 5
NUMBER IN THREE INCH CIRCLE	= 8

BARBER M24 0148339 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-07312

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 3 W/BI-POD GUNS PAINTED

UJM

C622 5064

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/12/93

03/15/93

AJ 3-89

C622 5064

700 7.65

NATO

ACCESSORIES

SLING STRAP

W/STUDS

W/SWIVELS

HA D CASE

SCOPE MNTS

W/SCOPE BASE

FROM:

SHIP TO:

COMMANDER
HHC 3BN 502 PIR
ATTN SGT ENTWHISTLE
FT CAMPBELL

KY 42223

COMMANDER
HHC 3BN 502 PIR
ATTN SGT ENTWHISTLE
FT CAMPBELL
KY 42223

CUST NO: 076506 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

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

Check, Clean Repair

PARTS

COMMENTS

Barrel - 96003

Re-zinc Scope Base, Scope Rings,
Swivels & Swivel Studs!
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 0148339 48378

700 7.65 NATO

M-24 SW3

AJ C 622 0064

LJ C 622 5141

LJ C 622 5198

w/B. Pod
Guns Paintedw/STADS
w/SWIVELS
w/HAND CASE
w/SCOPE MNTS
w/SCOPE BASES

COMMANDER

HHC 3 Bn 502 PIR

ATTN: SGT ENTWISTLER

FT. CAMPBELL KY 42223

MAINTENANCE REQUEST				PAGE 1 OF 1		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.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP	
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA									
5. ID		6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)					
7. TYPE MNT. REQ CODE		8. MODEL		☒ A Sch. Main.		☐ C Test		☐ E Storage	
				☐ B Handling		☐ D Normal Op		☐ F Inspection	
								☐ G Flight	
								☐ H Other	
								☐ I Calibration	
9. NOUN				16a. MILES/KILOMETERS (Enter or x)		b. HOURS		c. ROUNDS	
10a. ORG WON				b. EIC		d. LANDINGS		e. AUTO ROTATIONS	
11. SERIAL NUMBER				b. QTY.		13. PD		17. PROJ. CODE (If Assigned)	
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)		20. LEVEL OF WORK (Select one - use / or X)		18. ACCT. PROCESSING CODE	
See attached sheet				☒ Y		☐ O Unit Level		☐ H Intermediate General Spt.	
				☐ F Immediate Direct Spt.		☐ D Depot		☒ I Special Repair Activity	
				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		d. STA		b. ORD DATE	
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	
								h. MH RMN/PROJ	
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	
								h. NM CS	
								i. FAILURE CODE	
								j. STORAGE LOCATION	
								k. NOUN/INIT.	
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	

MAINTENANCE REQUEST				PAGE 1 OF 1		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.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.													
		44C-3-502		5516																			
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																							
5. ID		6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)																			
		11010151011-124101-1211316		☒ 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													
		M24								☐ I Calibration													
9. NOUN				16a. MILES/KILOMETERS (Enter or x)				b. HOURS		c. ROUNDS													
31-PRR Weapon System				☐ MI ☐ KM																			
10a. ORG WON				b. EIC		d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)													
										18. ACCT. PROCESSING CODE													
11. SERIAL NUMBER				b. QTY.		13. PD		19. IN WARRANTY? (Y or N)															
11012121510144								☒ Y															
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.) See attached sheet								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															
								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													
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		h. MH RMN/PROJ							
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		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.	
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							
[Signature]				[Signature]																			
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					
9/30/43				9/30/43																			

DA FORM 5504, SEP 88

Block 24 continuance, ref: M24 SWS CG225064

1. bolt catch spring broken

2. request

- complete services
- bench test firing depth and spread tolerances
- estimate remaining barrel life
- inspect bore
- calibrate M3A Scope
- inspect locking mechanism and bolt face
- inspect all factory tolerances
- inspect components for hairline cracks and deficiencies due to extreme environmental conditions (southwest asia) and operator abuse

BARBER M24 0148344

COMMENTS

ORDER

R 98-03811

INITIAL CUSTOMER ORDER NO.

JJM

WOC 2 OF 4

W/BI-POD

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/10/98

02/10/98

C6225064

700

7.62

NATO

ACCESSORIES

SCOPE BASE

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY 42223

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY
42223

CUST NO:087942 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER NO

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

E1

TRIGGER GROUP

E2

E1

F1

BOLT ASSY.

E3

E2

F2

BARREL ASSY.

E4

D1

E3

F3

REC. ASSY.

E5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0148344

BARBER - M24 0148345

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225064
2 Mar 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1928
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.068
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.08526

THE AMR FOR THIS RIFLE IS: 1.209

CENTROIDAL DISTANCES

0 TO	1	.674212
1 TO	2	.621974
1 TO	3	.717799
1 TO	4	.398497
1 TO	5	.512182

2 3
5
4

1

+ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

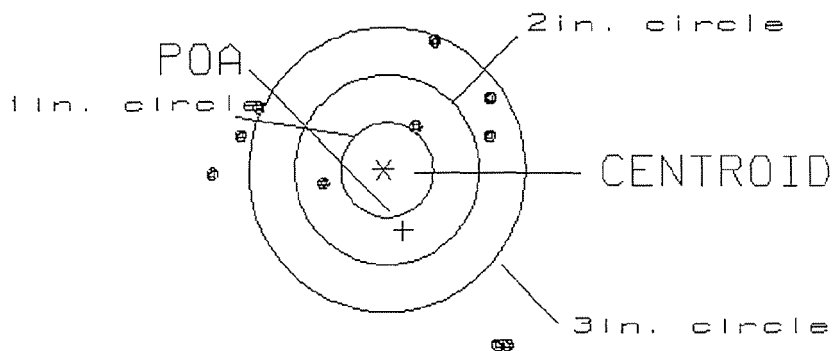
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .675
 MIN RADIUS : .544
 MEAN RADIUS : 1.476
 MAX RADIUS : 2.299
 CENTROID X : -.209
 CENTROID Y : .641

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225064

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.18
 VS= 3.22
 GS= 3.72

0
 2
 5

REMINGTON CENTERFIRE ACCURACY TEST

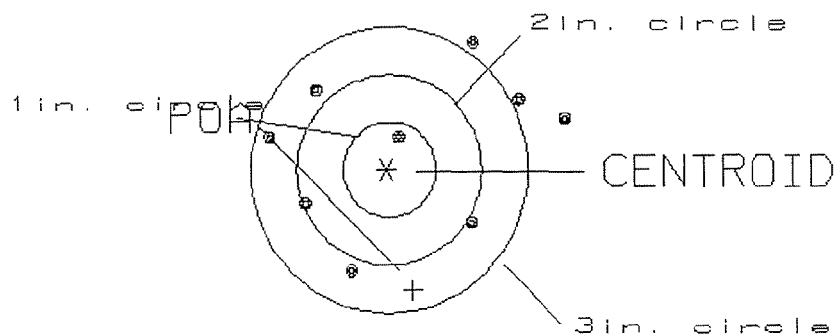
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: 1.291
 MIN RADIUS : .325
 MEAN RADIUS : 1.387
 MAX RADIUS : 2.737
 CENTROID X : -.295
 CENTROID Y : 1.257

2 Mar 1998

FILE:/H:\basic/Accuracy/Patterning/Centerfire_Patt/C6225064

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.59

1

VS= 3.45

2

GS= 4.46

6

REMINGTON CENTERFIRE ACCURACY TEST

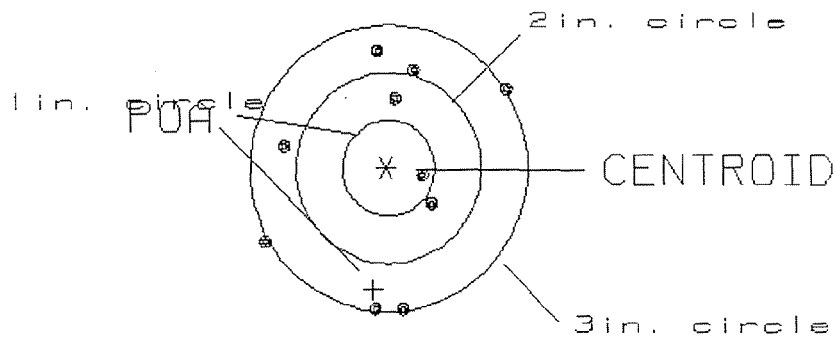
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: 1.278
 MIN RADIUS : .381
 MEAN RADIUS : 1.132
 MAX RADIUS : 1.578
 CENTROID X : .135
 CENTROID Y : 1.271

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225064

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.64

1

VS= 2.71

3

GS= 3.10

7

REMINGTON CENTERFIRE ACCURACY TEST

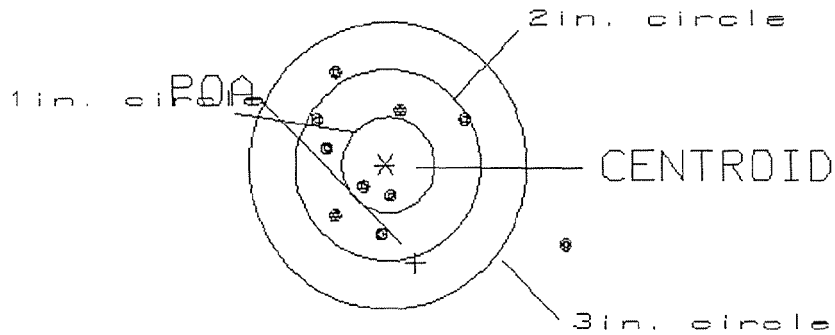
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: 1.073
 MIN RADIUS : .352
 MEAN RADIUS : .860
 MAX RADIUS : 2.117
 CENTROID X : -.329
 CENTROID Y : 1.021

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225864

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.74

2

VS= 1.82

6

GS= 3.12

9

REMINGTON CENTERFIRE ACCURACY TEST

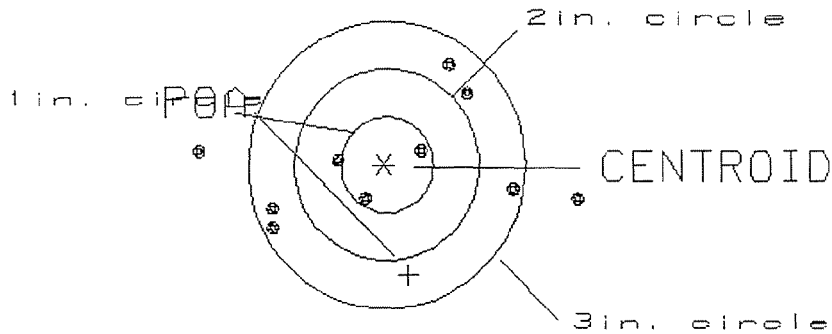
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: 1.180
 MIN RADIUS : .381
 MEAN RADIUS : 1.192
 MAX RADIUS : 2.080
 CENTROID X : -.266
 CENTROID Y : 1.150

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225864

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.11

3

VS= 1.69

3

GS= 4.14

8