

G 652 1417
Replaced
C. 622 5438

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: RE00164338

Serial: G6521417 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/11/2009 8:44:53 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: C CO 2/7TH SFG (A)

C CO 2/7TH SFG (A)

Address 1: 77 SPWAY

77 SPWAY

Address 2:

PO Box:

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

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 Stud	3
A008	With Swivel	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Received

Received

thing to Bill

Refresh

Close

Repair Search

Refresh

Close

Repair

naglei

3/11/2009

1:45 PM

CAPS

NUM

INS

SCRL

start

8 Microso...

6 Microso...

Excel 2007...

Arms Servi...

Part Searc...

DMS - Glob...

Gov't Misc

1:45 PM

Serial Number: G6521417

Model: M24 SWS



RE00164338

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

164338

SERIAL NUMBER

G6521417

LOG-IN DATE

3-11-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-12-09	RTZ
505	RE-BARREL	3-16-09	RTZ
420	ASSEMBLE	3-16-09	RTZ
440	PROOF	3-17-09	RTZ
460	CHECK HEADSPACE	3-17-09	RTZ
470	DIS-ASSEMBLE GUN	3-17-09	RTZ
480	MAGNAFLUX	3-20-09	RTZ
510	DRILL AND TAP	3-17-09	RTZ
500	ROLLMARK CALIBER	3-24-09	RTZ
520	GOFF BLAST BBL / REC	3-24	RTZ
530 & 540	APPLY COATINGS	3-31	RTZ
560	FINAL ASSEMBLY	4-1-09	RTZ
640	FUNCTION TEST AND	PASS FAIL 4-1-09	RP
650	TARGET	PASS FAIL 4-1-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL 4-7-09	RP
	B) TRIGGER PULL	277 278 255 247 247 4-7-09	RP
680	F) SAFETY ON FORCE	6.0 6.0 6.0	
	G) SAFETY OFF FORCE	2.0 2.0 2.0	
	I) FIRING PIN INDENT	.022 .022 .022	
690	PACK	14/8/09	RP

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521417.___0
FILE DATE AND TIME: 04/02/2009 04:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

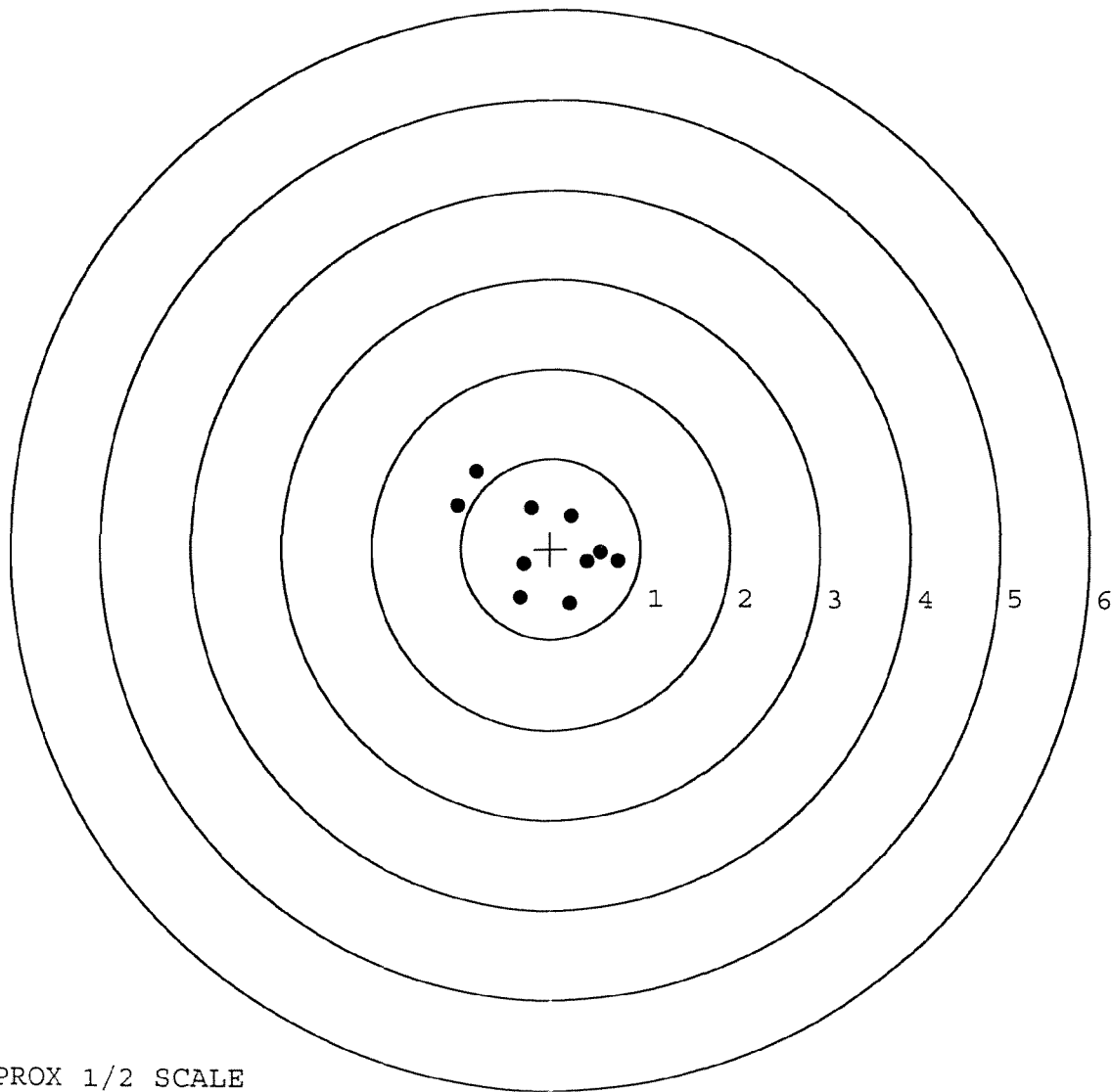
The Average X Centroid of the Five Target Set:	0.061
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.736
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.197
The Distance from Centroid Target #4 to Centroid Target #1:	0.261
The Distance from Centroid Target #5 to Centroid Target #1:	0.305

BARBER - M24 0100515

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 1
 FILE DATE: 04/02/2009
 FILE TIME: 04:53

POINT#	X	Y
1:	-0.829	0.855
2:	-1.040	0.478
3:	-0.224	0.458
4:	-0.303	-0.171
5:	-0.345	-0.543
6:	0.230	0.360
7:	0.220	-0.617
8:	0.751	-0.142
9:	0.555	-0.049
10:	0.410	-0.149

X CENTROID: -0.058
 Y CENTROID: 0.048
 POA TO CENTROID: 0.075
 HORZ SPREAD: 1.791
 VERT SPREAD: 1.472
 GROUP SPREAD: 1.868
 MIN RADIUS: 0.329
 MAX RADIUS: 1.116
 MEAN RADIUS: 0.672
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



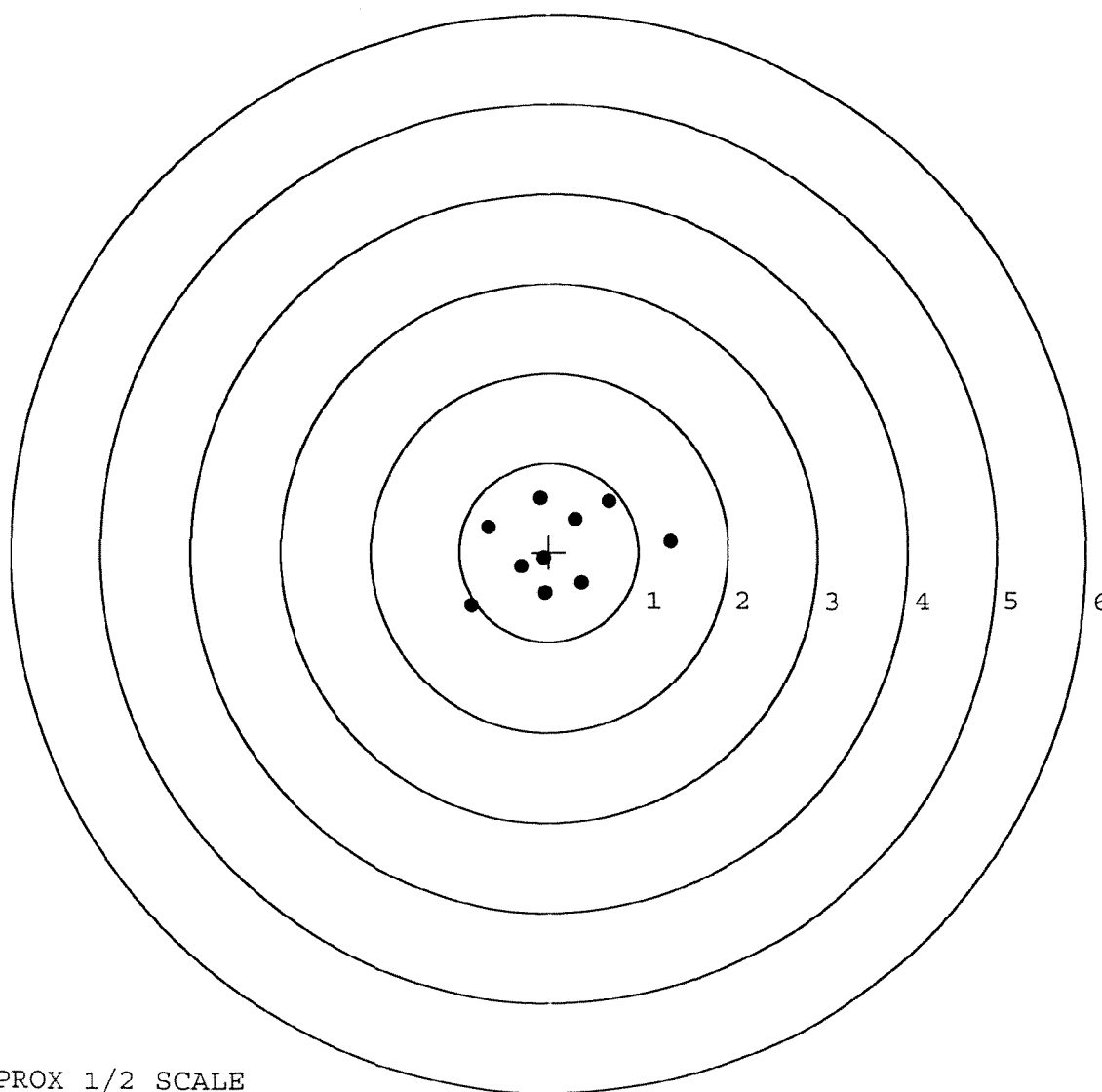
TARGET APPROX 1/2 SCALE

BARBER - M24 0100516

SERIAL NUMBER: G6521417. 0
 TARGET NUMBER: 2
 FILE DATE: 04/02/2009
 FILE TIME: 04:53

POINT#	X	Y
1:	1.360	0.119
2:	0.662	0.561
3:	0.287	0.362
4:	-0.102	0.604
5:	-0.680	0.282
6:	-0.873	-0.601
7:	-0.307	-0.162
8:	-0.060	-0.073
9:	-0.047	-0.461
10:	0.361	-0.354

X CENTROID: 0.060
 Y CENTROID: 0.028
 POA TO CENTROID: 0.066
 HORZ SPREAD: 2.233
 VERT SPREAD: 1.205
 GROUP SPREAD: 2.346
 MIN RADIUS: 0.157
 MAX RADIUS: 1.303
 MEAN RADIUS: 0.657
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



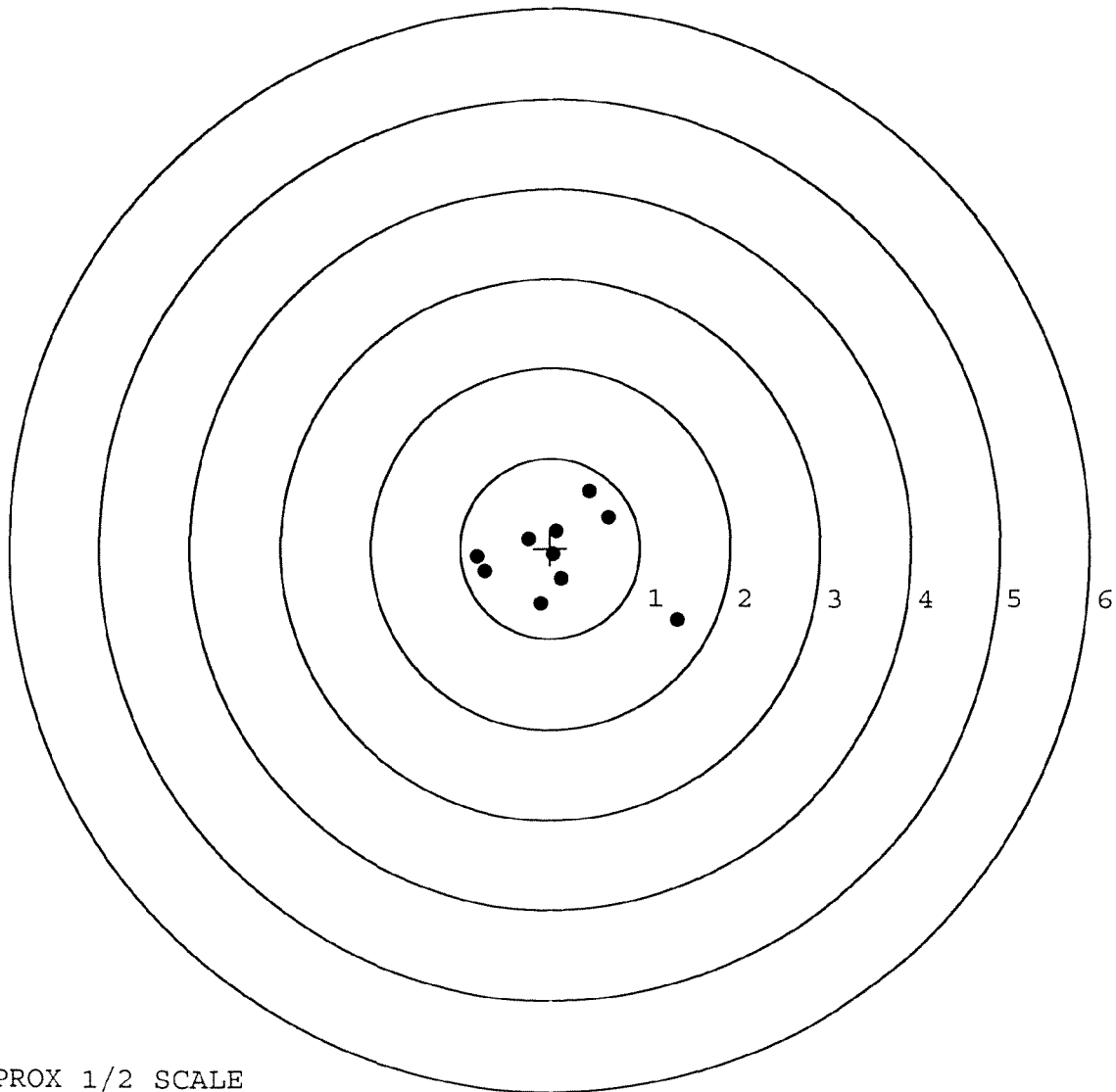
TARGET APPROX 1/2 SCALE

BARBER - M24 0100517

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 3
 FILE DATE: 04/02/2009
 FILE TIME: 04:53

POINT#	X	Y
1:	0.432	0.635
2:	0.642	0.342
3:	-0.815	-0.093
4:	-0.732	-0.252
5:	-0.109	-0.619
6:	0.120	-0.346
7:	0.068	0.188
8:	-0.241	0.105
9:	0.036	-0.069
10:	1.413	-0.805

X CENTROID: 0.081
 Y CENTROID: -0.091
 POA TO CENTROID: 0.122
 HORZ SPREAD: 2.228
 VERT SPREAD: 1.440
 GROUP SPREAD: 2.339
 MIN RADIUS: 0.051
 MAX RADIUS: 1.511
 MEAN RADIUS: 0.628
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



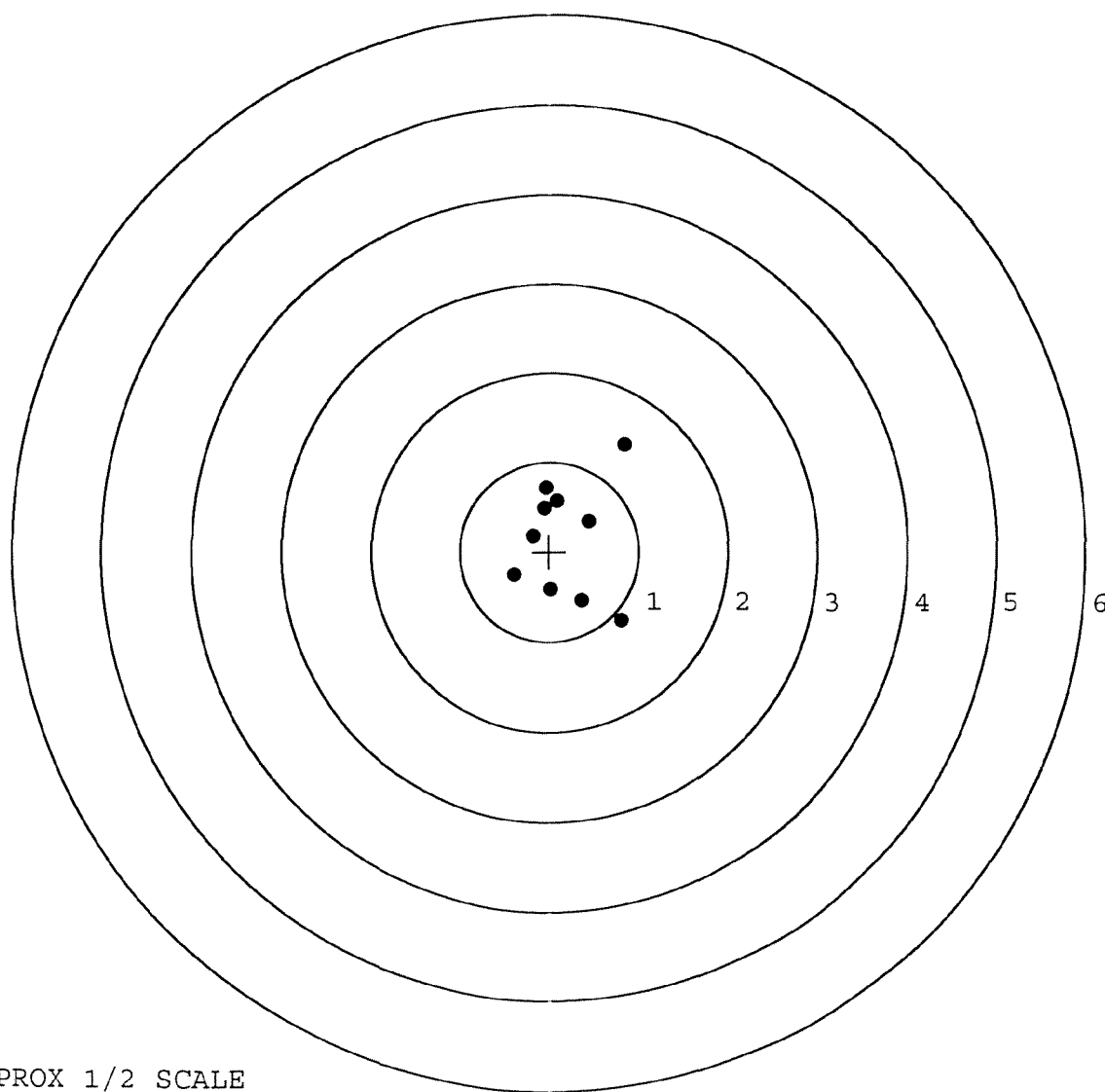
TARGET APPROX 1/2 SCALE

BARBER - M24 0100518

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 4
 FILE DATE: 04/02/2009
 FILE TIME: 04:53

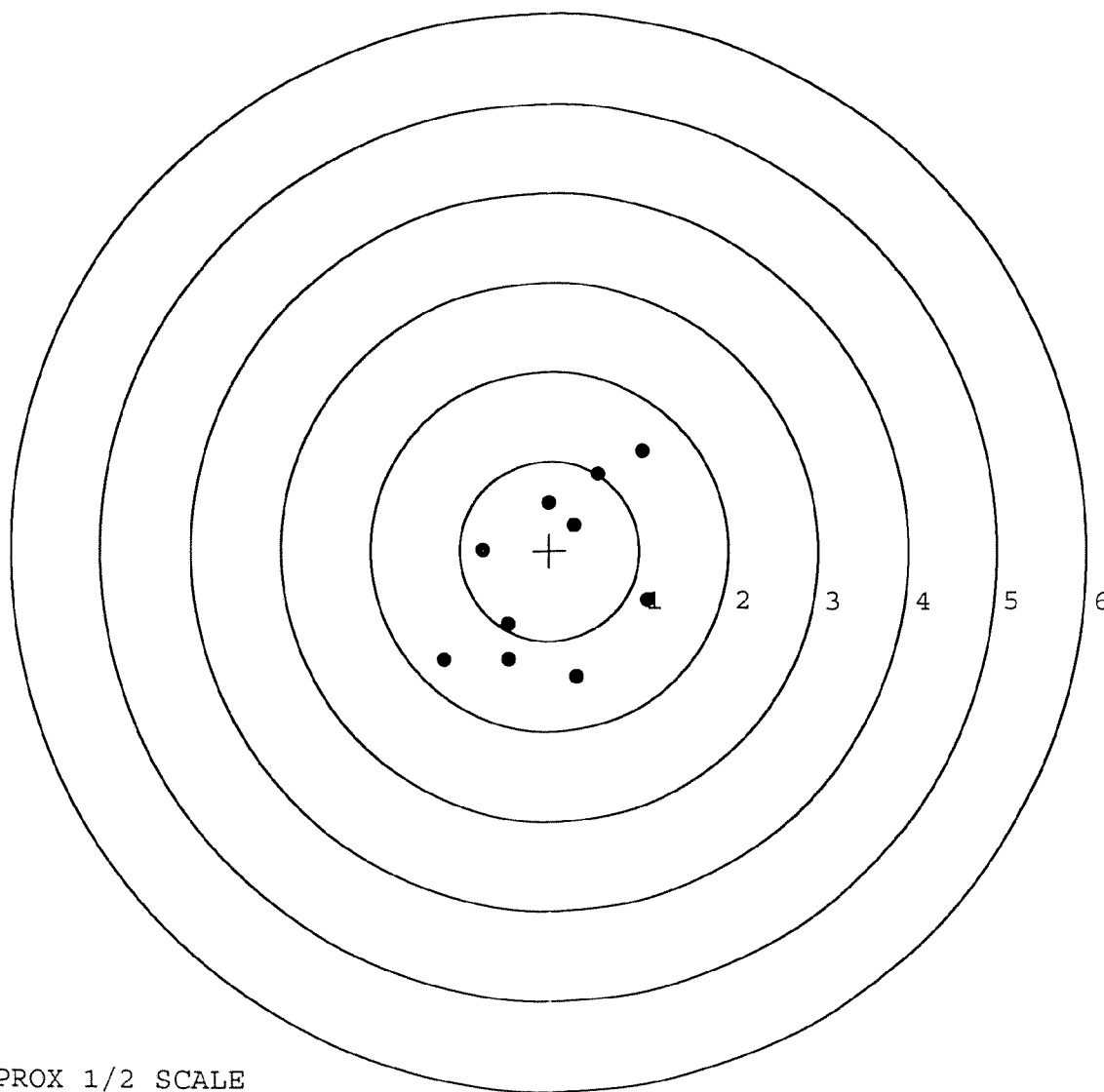
POINT#	X	Y
1:	0.840	1.188
2:	-0.041	0.708
3:	0.085	0.562
4:	0.438	0.336
5:	-0.190	0.174
6:	-0.399	-0.260
7:	0.014	-0.423
8:	0.362	-0.548
9:	0.801	-0.768
10:	-0.062	0.483

X CENTROID: 0.185
 Y CENTROID: 0.145
 POA TO CENTROID: 0.235
 HORZ SPREAD: 1.239
 VERT SPREAD: 1.956
 GROUP SPREAD: 1.956
 MIN RADIUS: 0.317
 MAX RADIUS: 1.232
 MEAN RADIUS: 0.650
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521417. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	-1.180	-1.214
FILE DATE: 04/02/2009	2:	-0.461	-1.205
FILE TIME: 04:53	3:	-0.471	-0.819
	4:	0.300	-1.412
X CENTROID: 0.037	5:	1.088	-0.548
Y CENTROID: -0.242	6:	-0.743	0.011
POA TO CENTROID: 0.245	7:	0.279	0.277
HORZ SPREAD: 2.268	8:	-0.013	0.528
VERT SPREAD: 2.528	9:	0.540	0.847
GROUP SPREAD: 3.215	10:	1.035	1.116
MIN RADIUS: 0.572			
MAX RADIUS: 1.685			
MEAN RADIUS: 1.075			
# IN 1 IN DIAMETER: 0			
# IN 2 IN DIAMETER: 4			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE

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: **RE00104945** Serial: C6225438 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 12/12/2005 6:41:24 AM

Address Information

Customer: ☒ Received From: Return To: ☐ Received From

Name: **C CO 2/7 SFG** **C CO 2/7 SFG**

Address 1: **KENIN FISHER** **KENIN FISHER**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 489 3266**

Fax:

Email:

Comments: **REM FILE #004262**

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

navtelj 12/12/2005 1:55 PM CAPS NUM INS SCPL

start 4 Arms Services 3 2

G 6521417 (New)

Serial Number: **C6225438**Model: **M24 SWS****RE00104945**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521417.__0

FILE DATE AND TIME: 12/27/2005 14:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

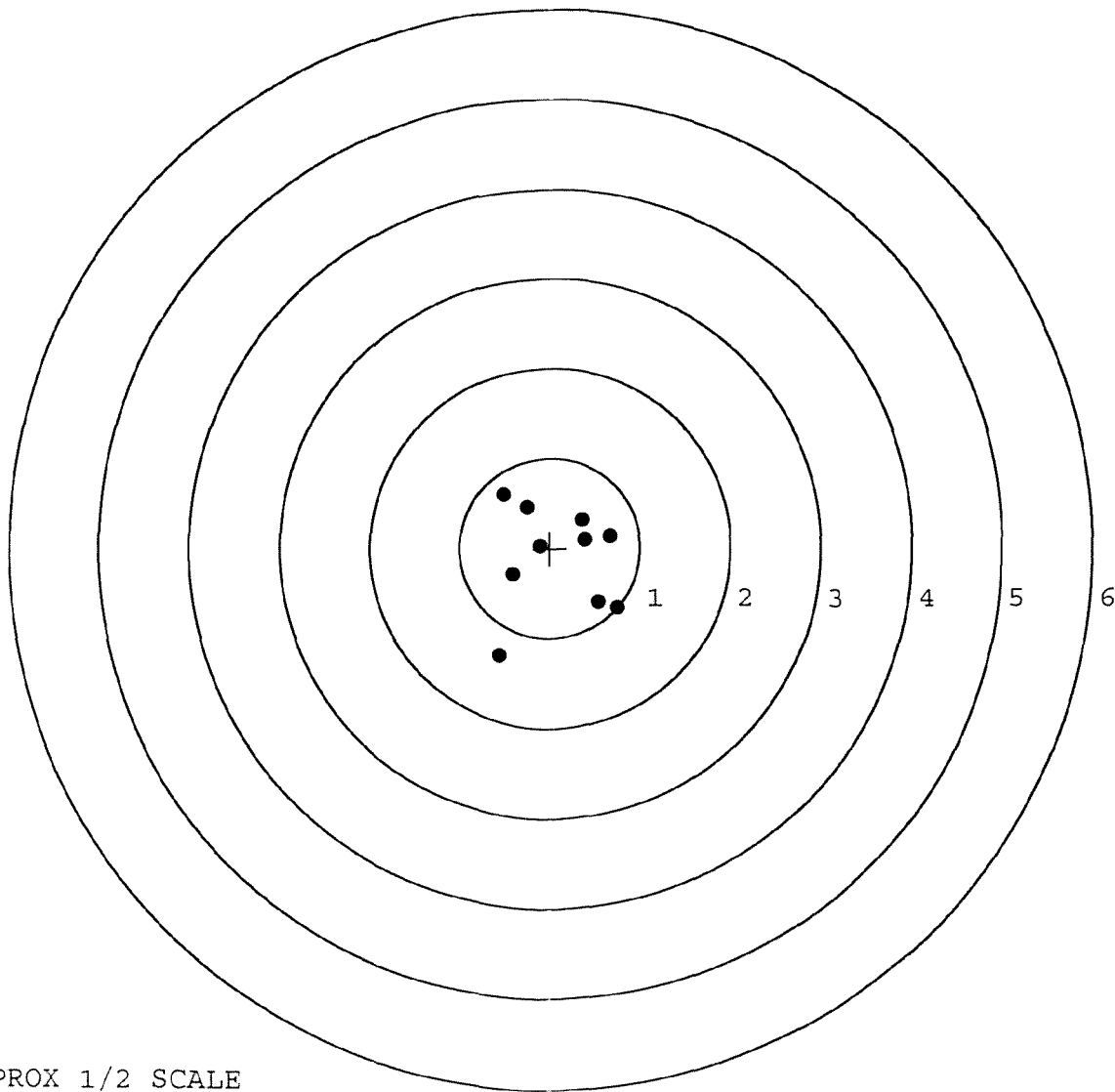
The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.109
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.618
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.216
The Distance from Centroid Target #3 to Centroid Target #1:	0.246
The Distance from Centroid Target #4 to Centroid Target #1:	0.205
The Distance from Centroid Target #5 to Centroid Target #1:	0.293

BARBER - M24 0100522

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 1
 FILE DATE: 12/27/2005
 FILE TIME: 14:42

POINT#	X	Y
1:	0.751	-0.671
2:	0.539	-0.605
3:	0.668	0.133
4:	0.393	0.091
5:	0.360	0.307
6:	-0.109	0.031
7:	-0.407	-0.287
8:	-0.256	0.459
9:	-0.517	0.594
10:	-0.558	-1.198

X CENTROID: 0.086
 Y CENTROID: -0.115
 POA TO CENTROID: 0.144
 HORZ SPREAD: 1.309
 VERT SPREAD: 1.792
 GROUP SPREAD: 1.810
 MIN RADIUS: 0.244
 MAX RADIUS: 1.261
 MEAN RADIUS: 0.666
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



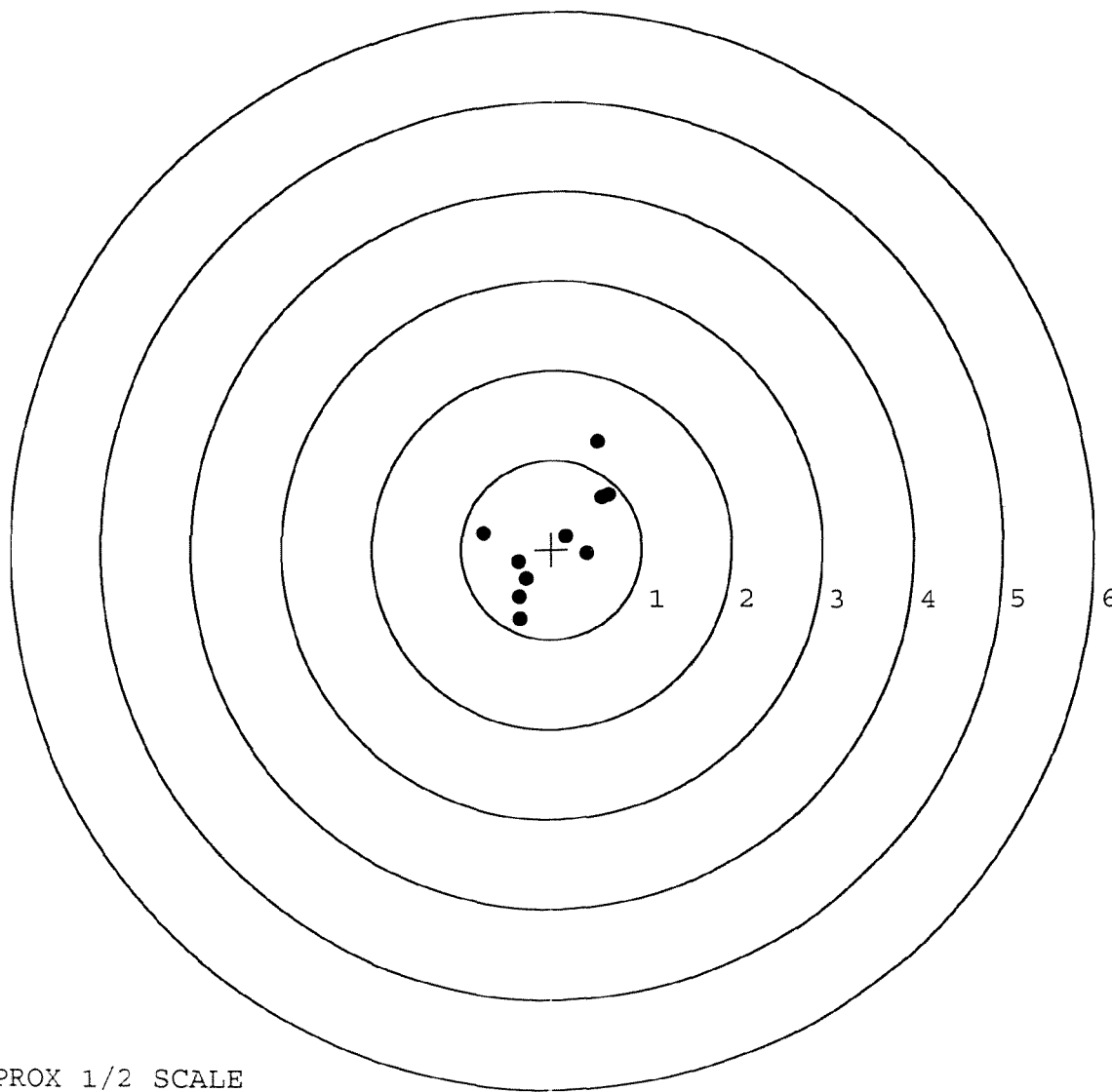
TARGET APPROX 1/2 SCALE

BARBER - M24 0100523

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 2
 FILE DATE: 12/27/2005
 FILE TIME: 14:42

POINT#	X	Y
1:	0.560	0.580
2:	0.631	0.609
3:	0.508	1.201
4:	0.400	-0.052
5:	0.159	0.144
6:	-0.756	0.186
7:	-0.363	-0.139
8:	-0.280	-0.331
9:	-0.355	-0.529
10:	-0.353	-0.777

X CENTROID: 0.015
 Y CENTROID: 0.089
 POA TO CENTROID: 0.090
 HORZ SPREAD: 1.387
 VERT SPREAD: 1.978
 GROUP SPREAD: 2.157
 MIN RADIUS: 0.154
 MAX RADIUS: 1.216
 MEAN RADIUS: 0.671
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



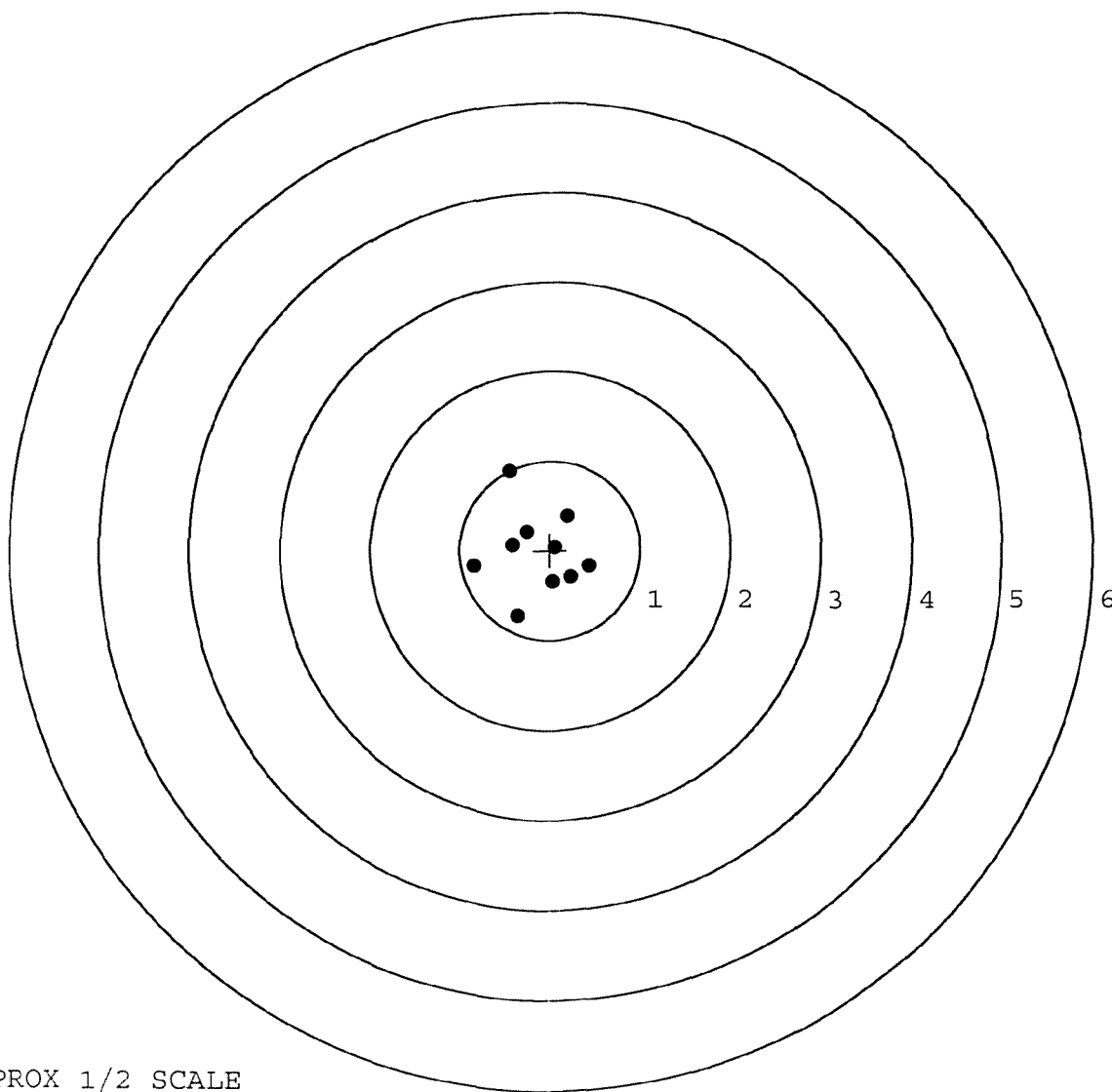
TARGET APPROX 1/2 SCALE

BARBER - M24 0100524

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 3
 FILE DATE: 12/27/2005
 FILE TIME: 14:42

POINT#	X	Y
1:	-0.365	-0.735
2:	-0.846	-0.183
3:	-0.449	0.892
4:	0.192	0.385
5:	-0.417	0.063
6:	-0.261	0.211
7:	0.059	0.034
8:	0.435	-0.179
9:	0.230	-0.301
10:	0.029	-0.358

X CENTROID: -0.139
 Y CENTROID: -0.017
 POA TO CENTROID: 0.140
 HORZ SPREAD: 1.281
 VERT SPREAD: 1.627
 GROUP SPREAD: 1.629
 MIN RADIUS: 0.205
 MAX RADIUS: 0.960
 MEAN RADIUS: 0.515
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



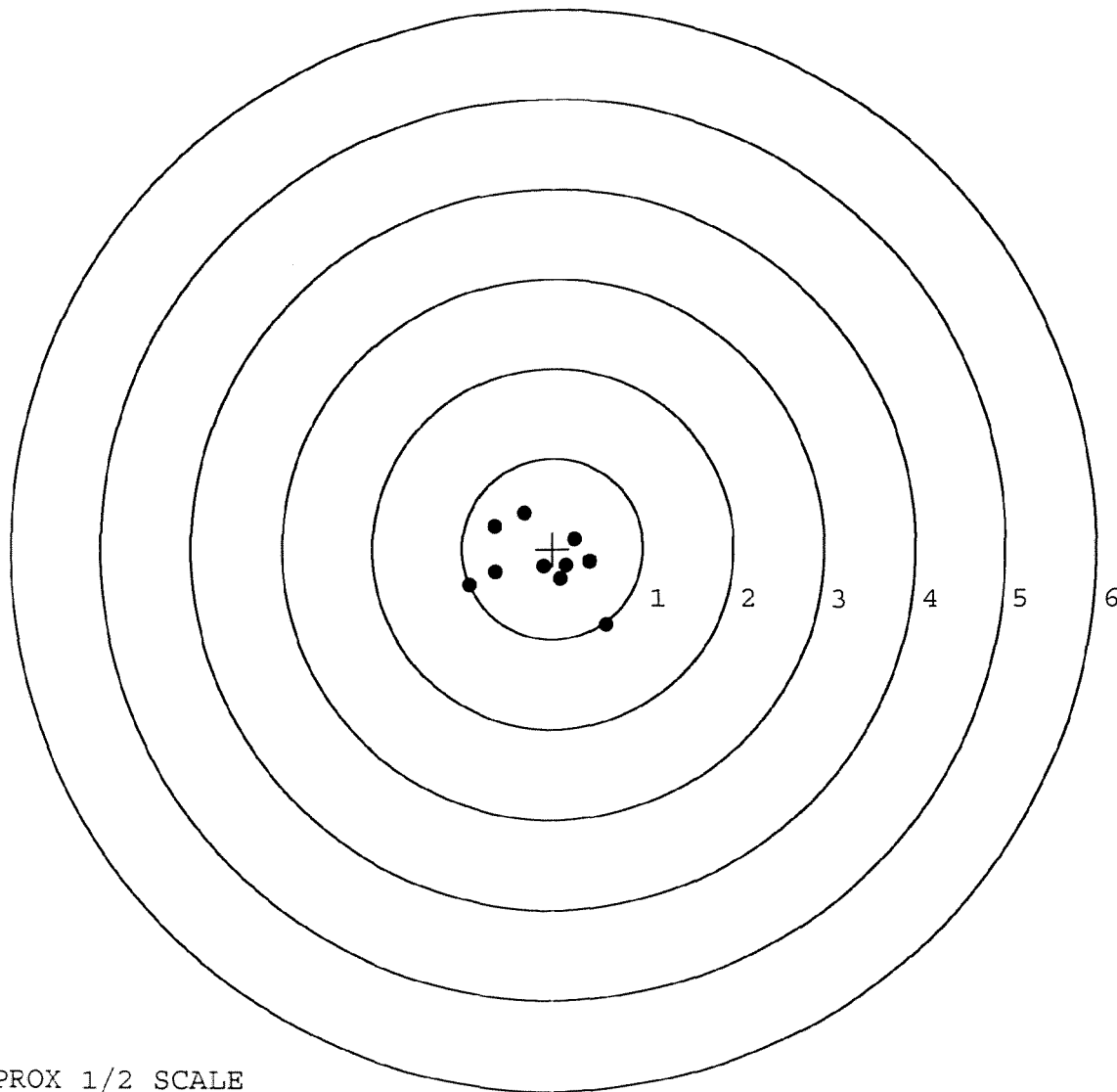
TARGET APPROX 1/2 SCALE

BARBER - M24 0100525

SERIAL NUMBER: G6521417. __0
 TARGET NUMBER: 4
 FILE DATE: 12/27/2005
 FILE TIME: 14:42

POINT#	X	Y
1:	0.590	-0.851
2:	-0.318	0.400
3:	-0.641	0.247
4:	-0.629	-0.257
5:	-0.917	-0.410
6:	-0.102	-0.196
7:	0.082	-0.336
8:	0.413	-0.144
9:	0.245	0.105
10:	0.148	-0.192

X CENTROID: -0.113
 Y CENTROID: -0.163
 POA TO CENTROID: 0.199
 HORZ SPREAD: 1.507
 VERT SPREAD: 1.251
 GROUP SPREAD: 1.650
 MIN RADIUS: 0.034
 MAX RADIUS: 0.983
 MEAN RADIUS: 0.515
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100526

SERIAL NUMBER: G6521417. 0

TARGET NUMBER: 5

FILE DATE: 12/27/2005

FILE TIME: 14:42

POINT#	X	Y
1:	0.392	-0.947
2:	0.263	-0.581
3:	0.656	-0.181
4:	0.413	0.085
5:	-0.062	0.545
6:	-0.532	-1.140
7:	-0.896	-1.263
8:	-0.346	-0.328
9:	-0.317	0.061
10:	-0.583	0.351

X CENTROID: -0.101

Y CENTROID: -0.340

POA TO CENTROID: 0.355

HORZ SPREAD: 1.552

VERT SPREAD: 1.808

GROUP SPREAD: 1.991

MIN RADIUS: 0.245

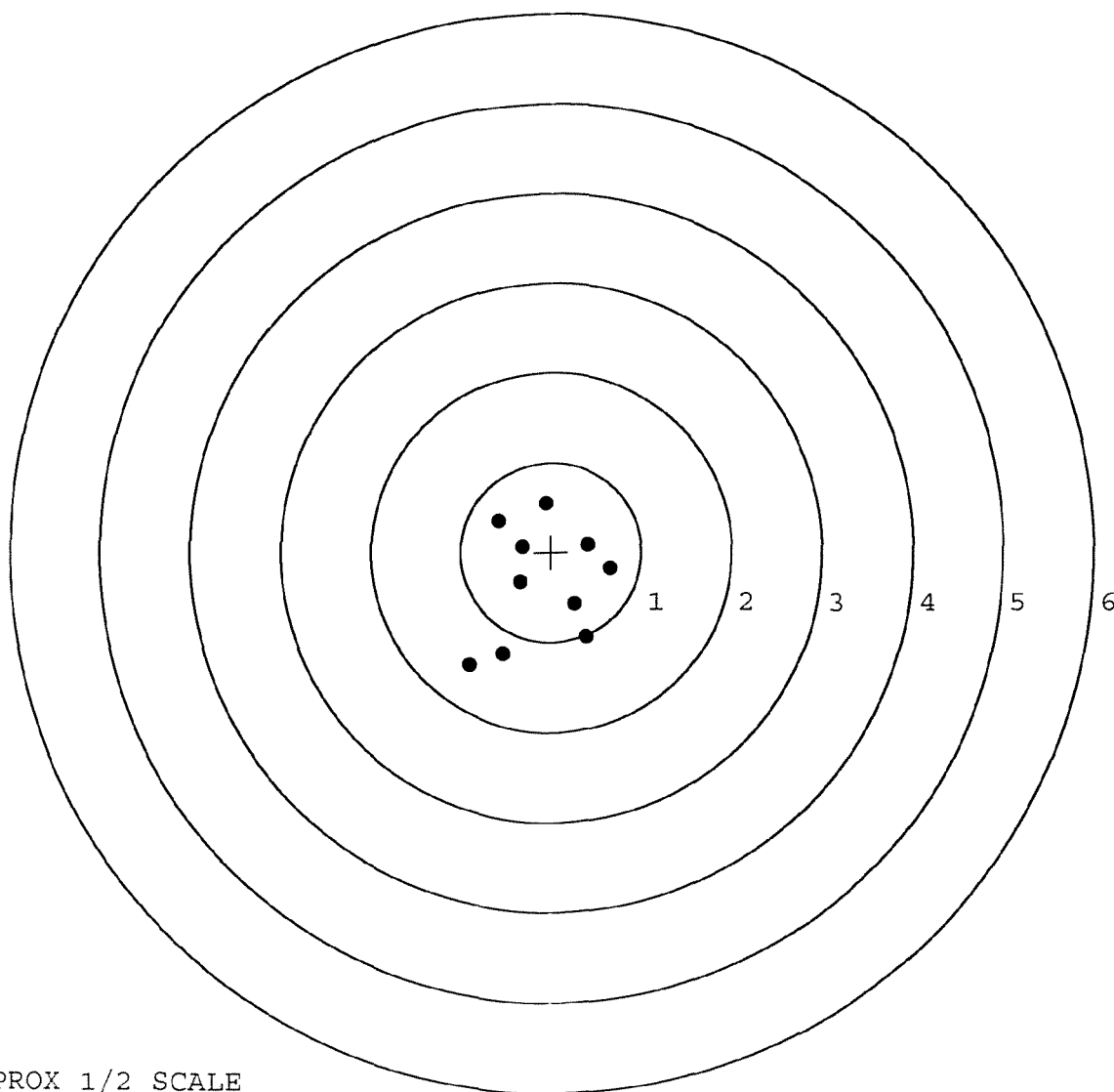
MAX RADIUS: 1.218

MEAN RADIUS: 0.721

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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 10-12-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.62		2.34	
PULL #2	2.59	2.48		2.60	
PULL #3	2.46	2.61		2.64	
PULL #4	2.48	2.60		2.52	
PULL #5	2.54	2.58		2.54	
TOTAL	12.46	12.89		12.64	
AVERAGE	2.49	2.57		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.08		
PULL #2	3.09	3.19		
PULL #3	3.12	3.23		
PULL #4	3.16	3.17		
PULL #5	3.00	3.19		
TOTAL	15.40	15.86		
AVERAGE	3.08	3.17		

	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	4.15	4.16		4.02
PULL #2	4.13	4.16		4.19
PULL #3	4.20	4.22		4.27
PULL #4	4.17	4.21		4.09
PULL #5	4.23	4.22		4.14
TOTAL	20.88	20.97		20.71
AVERAGE	4.17	4.19		4.14

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

R & E NUMBER	104945			
SERIAL NUMBER	C60223438 C60521417 (New)			
LOG-IN DATE	12-12-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-13-05	RTL
505	RE-BARREL		12-14-05	RTL
560	ASSEMBLE		12-15-05	RTL
600	PROOF	MAGNA-FLUX	12-15-05	TRW
605	CHECK HEADSPACE	12-15-05	12-15-05	RTL
610	DIS-ASSEMBLE GUN	12-15-05	12-15-05	RTL
612	MAGNAFLUX	12-15-05	12-15-05	unw
510	DRILL AND TAP		12-15-05	TRW
615	ROLLMARK CALIBER		12-15-05	unw
618	ROTO-BLAST		12-16-05	unw
620	APPLY COATINGS		12-20-05	RB
625	FINAL ASSEMBLY		12-27-05	RTL
640	FUNCTION TEST AND	PASS FAIL	12-27-05	TRW
650	TARGET	PASS FAIL	12-27-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		12-27-05	TRW
	A) HEADSPACE	PASS FAIL	12-28-05	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.97 2.90 2.83 2.97 2.84	A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lbs 6 lbs 6 lbs	A
	G) SAFETY OFF FORCE	2 LBS	2 lbs 2 lbs 2 lbs	A
	I) FIRING PIN INDENT	.020	.022 .022 .022	A
690	PACK		1-12-06	RTA

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225438

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12-22-88	Pfe.
	Magnaflux Bolt		1-3-89	Pfe.
615	Rollmark Caliber		12/22/88	M.W.C.
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-18-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	GS

BARBER - M24 0100530							
op. #	OP. NAME	READINGS				DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5		10 Feb 89	JSS
	G) Safety Off Force	3	3	3		10 Feb 89	JSS
	H) Trigger Pull Test & Retainability					9 Feb 89	JSS
	I) Firing Pin Indent	.021	.021	.021		10 Feb 89	JSS
	J) Assemble Stock					2/24/89	RW
	K) Assemble Swivel Studs					6 Mar 89	JSS
	L) Attach Front and Rear Sight Assemblies					2/24/89	RW
	M) Iron Sight Alignment					2/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container					2/24/89	RW
	O) Attach Scope to Rifle					27 Feb 89	JSS
	P) Detach & Attach Scope 20 Times					27 Feb 89	JSS
640	Gallery Target & Test	56 R 97L				2-27-89	K
	A) Time					11	K
	B) Malfunctions	NONE				11	AK
	C) Pierced Primers	NONE				11	AK
	D) Optical Clarity of Scope	OK				11	AK
645	Inspect for Live Ammo	NONE				2-27-89	AC
655	Final Inspection						
	A) Headspace					6 Mar 89	JSS
	B) Trigger Pull	2.55	2.50	2.50	2.52	2.51	6 Mar 89
	C) Function					6 Mar 89	JSS
660	Pack					23 Mar 89	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 5438DATE 4/4/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.30	2.34		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.28	2.22		
PULL #3	2.44	2.18	2.28		
PULL #4	2.44	2.24	2.24		
PULL #5	2.38	2.30	2.20		
TOTAL	12.17	11.30	11.28		
AVG.	2.43	2.26	2.25		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.33		
PULL #2	3.28	3.31		
PULL #3	3.30	3.30		
PULL #4	3.22	3.25		
PULL #5	3.21	3.17		
TOTAL	16.62	15.36		
AVG.	3.32	3.07		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.28		()
PULL #2	4.37	4.34		None 0
PULL #3	4.31	4.30		
PULL #4	4.40	4.28		
PULL #5	4.43	4.37		
TOTAL	21.74	21.57		
AVG.	4.34	4.31		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225438
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.466275
1 TO	2	.119097
1 TO	3	.882756
1 TO	4	.239921
1 TO	5	.10806

3
+3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2526
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .074
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .263216

THE AMR FOR THIS RIFLE IS: .9786

26 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225438

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.055

VS= 1.997

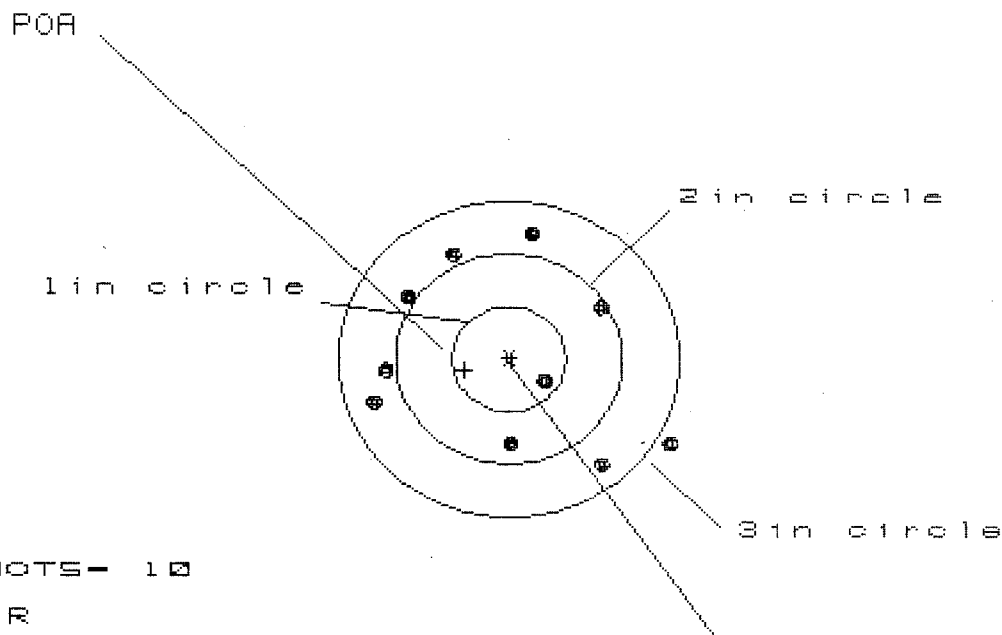
GS= 2.410

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.880	.749	.833
MINIMUM X	-1.175	-.904	-.820
MAXIMUM Y	.938	.988	.878
MINIMUM Y	-1.059	-1.009	-1.119
CENTROID X	.466	.597	.513
CENTROID Y	.016	-.034	.076
POA TO CENTROID in.	.467	.598	.519
MIN RADIUS	.650	.749	.643
MEAN RADIUS	.953	.917	.876
MAX RADIUS	1.259	1.104	1.148
HORIZONTAL SPREAD	2.055	1.653	1.653
VERTICAL SPREAD	1.997	1.997	1.997
EXTREME SPREAD	2.410	1.999	1.999
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225438

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 9

HS= 2.593

VS= 2.177

GS= 2.650

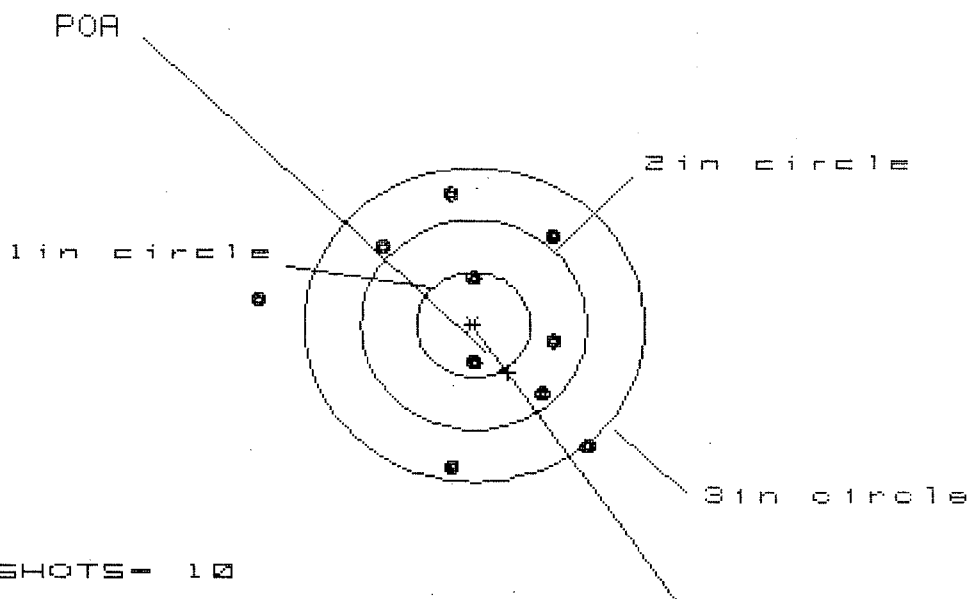
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.414	1.003	1.120
MINIMUM X	:	-1.179	-1.022	-.905
MAXIMUM Y	:	1.148	1.064	.925
MINIMUM Y	:	-1.029	-1.113	-1.063
CENTROID X	:	.388	.231	.114
CENTROID Y	:	.106	.190	.329
POA TO CENTROID in.	:	.402	.299	.348
MIN RADIUS	:	.356	.534	.697
MEAN RADIUS	:	1.080	1.014	.943
MAX RADIUS	:	1.605	1.454	1.163
HORIZONTAL SPREAD	:	2.593	2.025	2.025
VERTICAL SPREAD	:	2.177	2.177	1.988
EXTREME SPREAD	:	2.650	2.410	2.248
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225438

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.943

VS= 2.555

GS= 3.289

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.837	.641
MINIMUM X	:	-1.895	-.964	-.859
MAXIMUM Y	:	1.231	1.263	1.120
MINIMUM Y	:	-1.324	-1.292	-1.435
CENTROID X	:	-.301	-.090	-.195
CENTROID Y	:	.453	.421	.564
POA TO CENTROID in.	:	.544	.430	.597
MIN RADIUS	:	.322	.367	.353
MEAN RADIUS	:	1.066	.949	.881
MAX RADIUS	:	1.917	1.421	1.475
HORIZONTAL SPREAD	:	2.943	1.801	1.500
VERTICAL SPREAD	:	2.555	2.555	2.555
EXTREME SPREAD	:	3.289	2.719	2.555
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225438

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.533

VS= 2.336

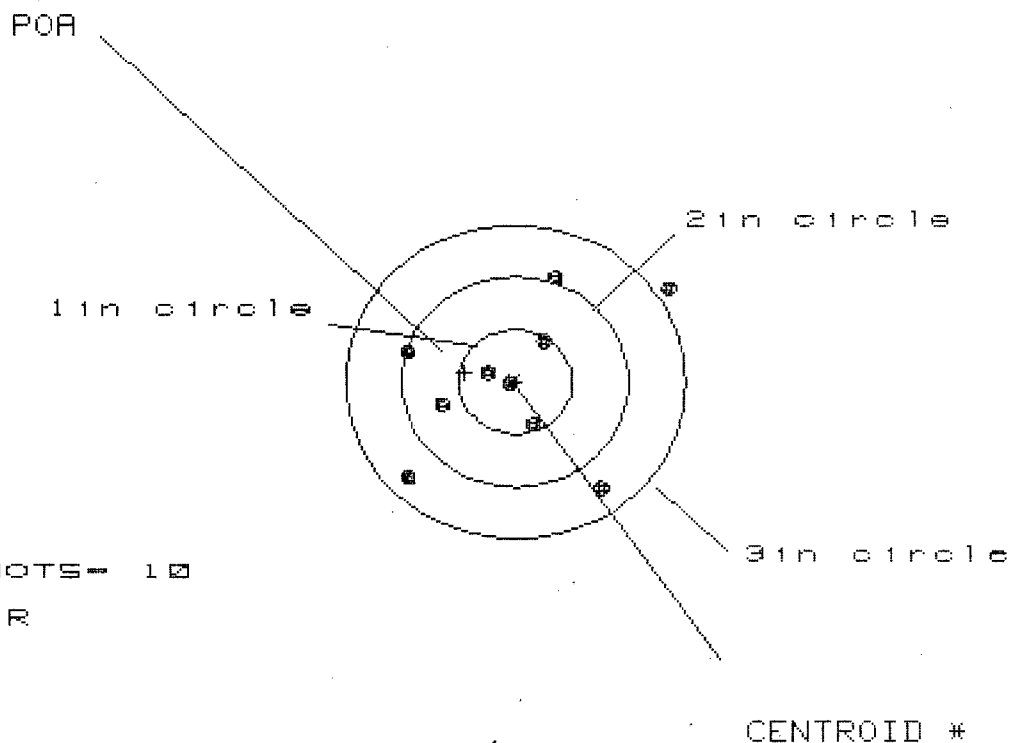
GS= 2.753

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.120	.964	1.007
MINIMUM X	:	-1.413	-.942	-.899
MAXIMUM Y	:	1.038	.944	.770
MINIMUM Y	:	-1.298	-1.392	-.521
CENTROID X	:	.265	.422	.379
CENTROID Y	:	-.115	-.021	.153
POA TO CENTROID in.	:	.289	.423	.409
MIN RADIUS	:	.169	.331	.460
MEAN RADIUS	:	.976	.904	.833
MAX RADIUS	:	1.647	1.434	1.010
HORIZONTAL SPREAD	:	2.533	1.906	1.906
VERTICAL SPREAD	:	2.336	2.336	1.291
EXTREME SPREAD	:	2.753	2.438	1.953
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225438

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 2.317

VS= 2.053

GS= 2.953

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	.912	.811
MINIMUM X	:	-.973	-.824	-.925
MAXIMUM Y	:	1.028	1.128	1.023
MINIMUM Y	:	-1.025	-.925	-1.030
CENTROID X	:	.445	.296	.397
CENTROID Y	:	-.090	-.190	-.085
POA TO CENTROID in.	:	.454	.352	.406
MIN RADIUS	:	.046	.143	.056
MEAN RADIUS	:	.818	.720	.648
MAX RADIUS	:	1.618	1.299	1.311
HORIZONTAL SPREAD	:	2.317	1.736	1.736
VERTICAL SPREAD	:	2.053	2.053	2.053
EXTREME SPREAD	:	2.953	2.367	2.162
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

BARBER - M24 0100538

COMMENTS

ORDER
R 97-21198

INITIAL CUSTOMER ORDER NO.

JJM 0127016

W/LEUPOLD 10X SCOPE
M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

12/04/97

12/05/97

BJ 1-89

C6225438

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

W/STUDS

Scope # 88 0448

FROM:

SHIP TO:

DEPT OF THE ARMY
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

DEPT OF THE ARMY
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC
28307

CUST NO: 143691 ILION

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RECEIVED REV. 7-97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0100538 00577

RD-6947-Rev 3

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 012701DATE 12/4/97

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL: M24CHECK FOR AMMUNITION ☒GAUGE: 7.62

SERIAL #

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:

SIGNATURE:

(Security Officer)

DATE:

SIGNATURE:

(Firearm picked up by)

DATE:

Arm Service Copy

BARBER - M24 0100540

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225438
9 Jan 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0398
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2524
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .255519

THE AMR FOR THIS RIFLE IS: .9642

CENTROIDAL DISTANCES

Ø TO	1	.160031
1 TO	2	.264002
1 TO	3	.409762
1 TO	4	.102474
1 TO	5	.15

2³
5¹/₄ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

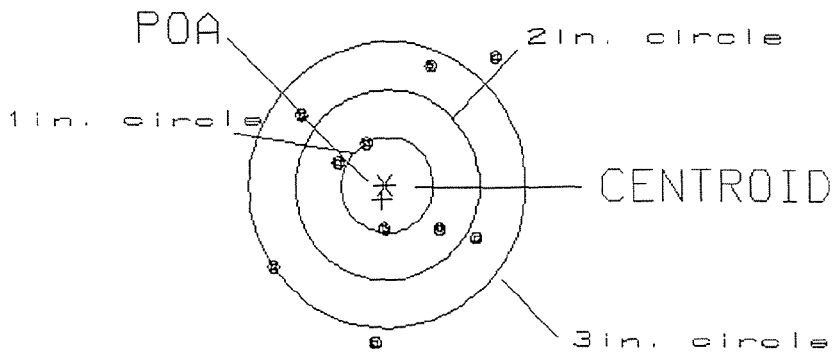
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .160
 MIN RADIUS : .462
 MEAN RADIUS : 1.086
 MAX RADIUS : 1.756
 CENTROID X : .031
 CENTROID Y : .157

9 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225438.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.39

1

VS= 3.01

4

GS= 3.29

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

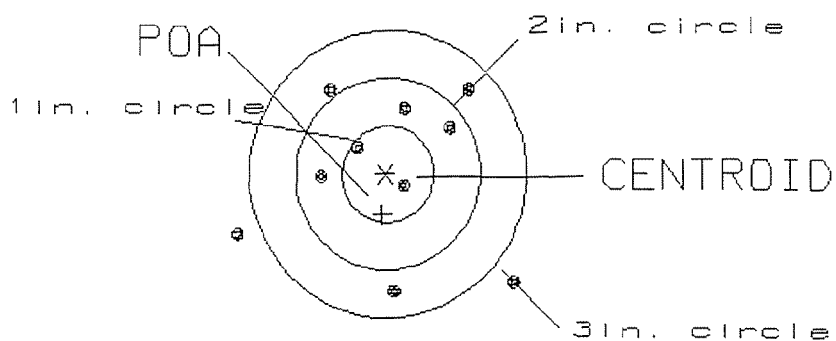
PATTERN #: 2

POA TO CENTROID: .422
 MIN RADIUS : .244
 MEAN RADIUS : .999
 MAX RADIUS : 1.782
 CENTROID X : .030
 CENTROID Y : .421

9 Jan 1998

FILE://H:\basic\Accuracy\Patterning\Centerfire_Patt\c6225438.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.02

2

VS= 2.14

5

GS= 3.05

3

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

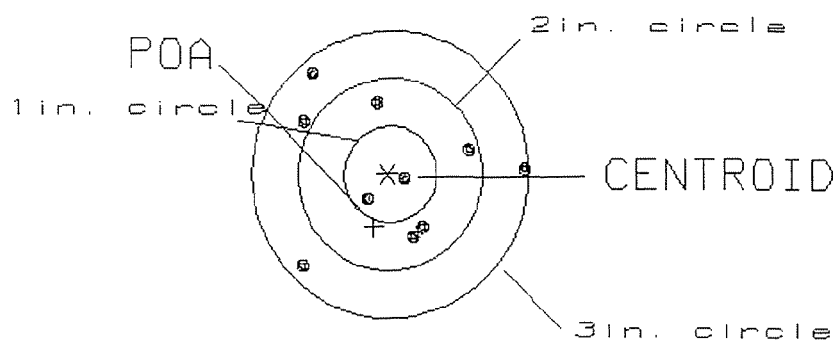
PATTERN #: 3

POA TO CENTROID: .569
 MIN RADIUS : .196
 MEAN RADIUS : .885
 MAX RADIUS : 1.481
 CENTROID X : .147
 CENTROID Y : .550

9 Jan 1998

FILE:/H:\basic\Accuracy\Patterning\Centerfire_Patt\c6225438.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.47

2

VS= 2.08

6

GS= 2.67

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

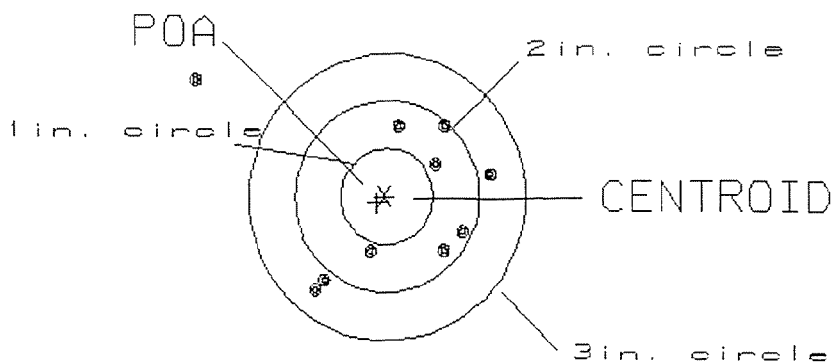
PATTERN #: 4

POA TO CENTROID: .104
 MIN RADIUS : .573
 MEAN RADIUS : 1.056
 MAX RADIUS : 2.450
 CENTROID X : .080
 CENTROID Y : .067

9 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225438.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.17

0

VS= 2.26

6

GS= 3.34

9

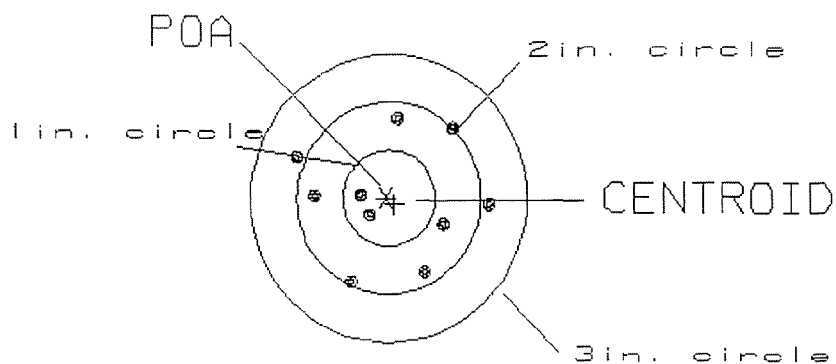
PATTERN #: 5

POA TO CENTROID: .112
 MIN RADIUS : .319
 MEAN RADIUS : .795
 MAX RADIUS : 1.144
 CENTROID X : -.089
 CENTROID Y : .067

9 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225438.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.14
 VS= 1.72
 GS= 2.21

2
 7
 10

BARBER - M24 0100546

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225438
7 Jan 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2302
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2378
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .33097

THE AMR FOR THIS RIFLE IS: 1.391

CENTROIDAL DISTANCES

0	TO	1	.516462
1	TO	2	.724696
1	TO	3	.381635
1	TO	4	.362106
1	TO	5	.3728

3 1 5
+ <----POA
2

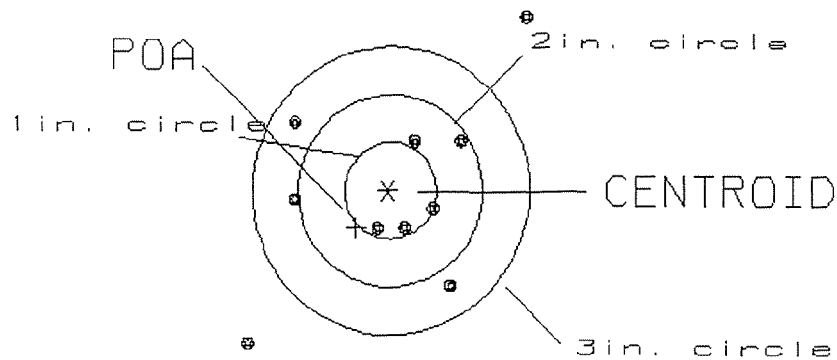
PATTERN #: 1

POA TO CENTROID: .517
 MIN RADIUS : .418
 MEAN RADIUS : 1.084
 MAX RADIUS : 2.333
 CENTROID X : .342
 CENTROID Y : .387

7 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225438.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.96
 VS= 3.40
 GS= 4.51

3
 5
 8

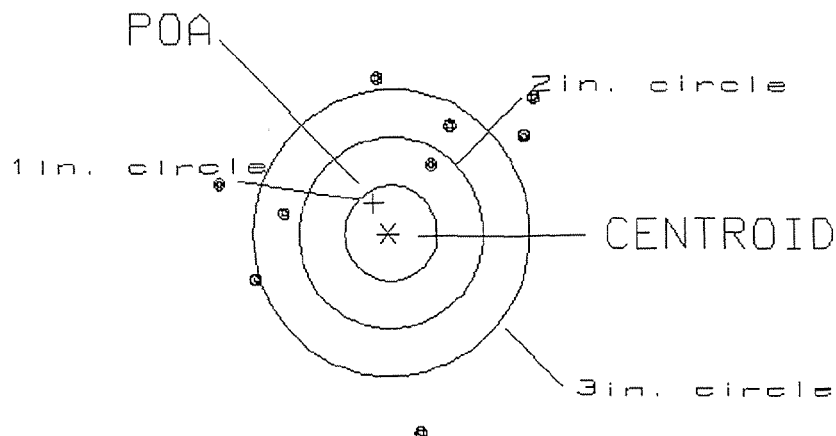
PATTERN #: 2

POA TO CENTROID: .356
 MIN RADIUS : .868
 MEAN RADIUS : 1.856
 MAX RADIUS : 4.133
 CENTROID X : .166
 CENTROID Y : -.316

7 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225438.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.40
 VS= 5.77
 GS= 5.79

0
 1
 3

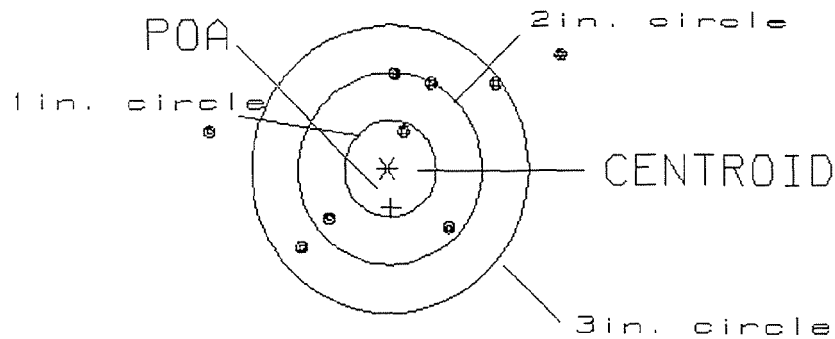
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .411
 MIN RADIUS : .472
 MEAN RADIUS : 1.406
 MAX RADIUS : 3.049
 CENTROID X : -.039
 CENTROID Y : .409

7 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225438.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.76
 VS= 4.19
 GS= 4.84

1
 4
 7

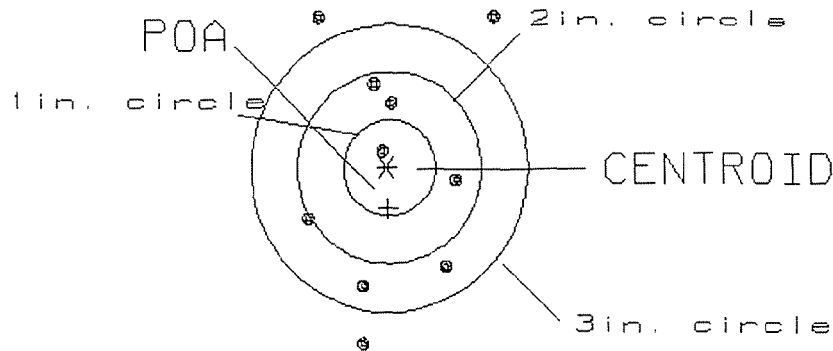
PATTERN #: 4

POA TO CENTROID: .427
 MIN RADIUS : .143
 MEAN RADIUS : 1.138
 MAX RADIUS : 1.909
 CENTROID X : -.018
 CENTROID Y : .426

7 Jan 1998

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225438.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.99
 VS= 3.34
 GS= 3.64

1
 4
 7

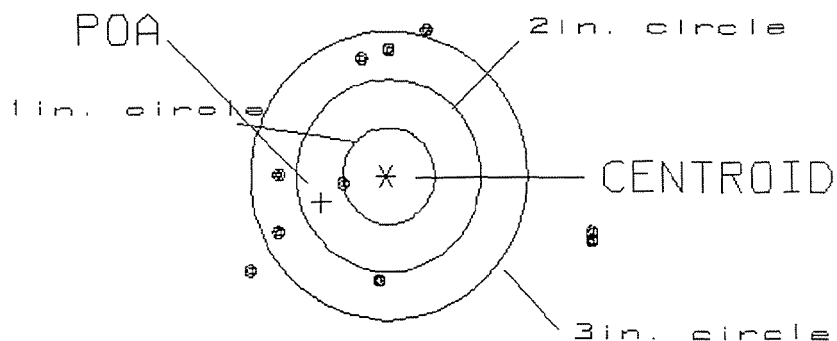
PATTERN #: 5

POA TO CENTROID: .755
 MIN RADIUS : .479
 MEAN RADIUS : 1.470
 MAX RADIUS : 2.349
 CENTROID X : .700
 CENTROID Y : .283

7 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225438.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.73
 VS= 2.53
 GS= 3.74

1
 1
 6

Final Inspection

Sn: C6225438

DATE REC'D: 12/4/97

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:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

LOG IN DATE: 12/4/97		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12/12/97	RW
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	1/8/98	AT
655	FINAL INSPECT	1/12/98	RW
660	PACK		
QAR INSPECTION		SHIP DATE	