

C6225095

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Sword®

Repair Number: RE00112700	Serial: C6225095 Model: M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 5/23/2006 11:37:16 AM																		
Verify Repair																					
Address Information																					
Customer: ☒ Received From		Return To: ☐ Received From																			
Name: DEPARTMENT OF THE ARMY		DEPARTMENT OF THE ARMY																			
Address 1: A COMPANY 2ND BATTALION		A COMPANY 2ND BATTALION																			
Address 2: 7TH SPECIAL FORCES GROUP PO Box:		7TH SPECIAL FORCES GROUP 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: NA Fax: Email: Comments:		Received Condition Fair Condition Notes: CSR Notes:																			
		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A045	Bi Pod	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																			
A007	With Stud	3																			
A010	Hard Case	1																			
A017	Scope Base	1																			
A045	Bi Pod	1																			
A057	Fit and Rear Sgt Base	1																			
Repair Search		Refresh Close																			
naglel 5/23/2006 1:24 PM CAPS NUM INS SCRL																					
start 3 Micros... 2 Micros... 3 Intern... Part Search... Arms Servi... 1:24 PM																					

Serial Number: **C6225095**
 Model: **M24 SWS**

RE00112700

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225095.___1
FILE DATE AND TIME: 06/07/2006 18:04

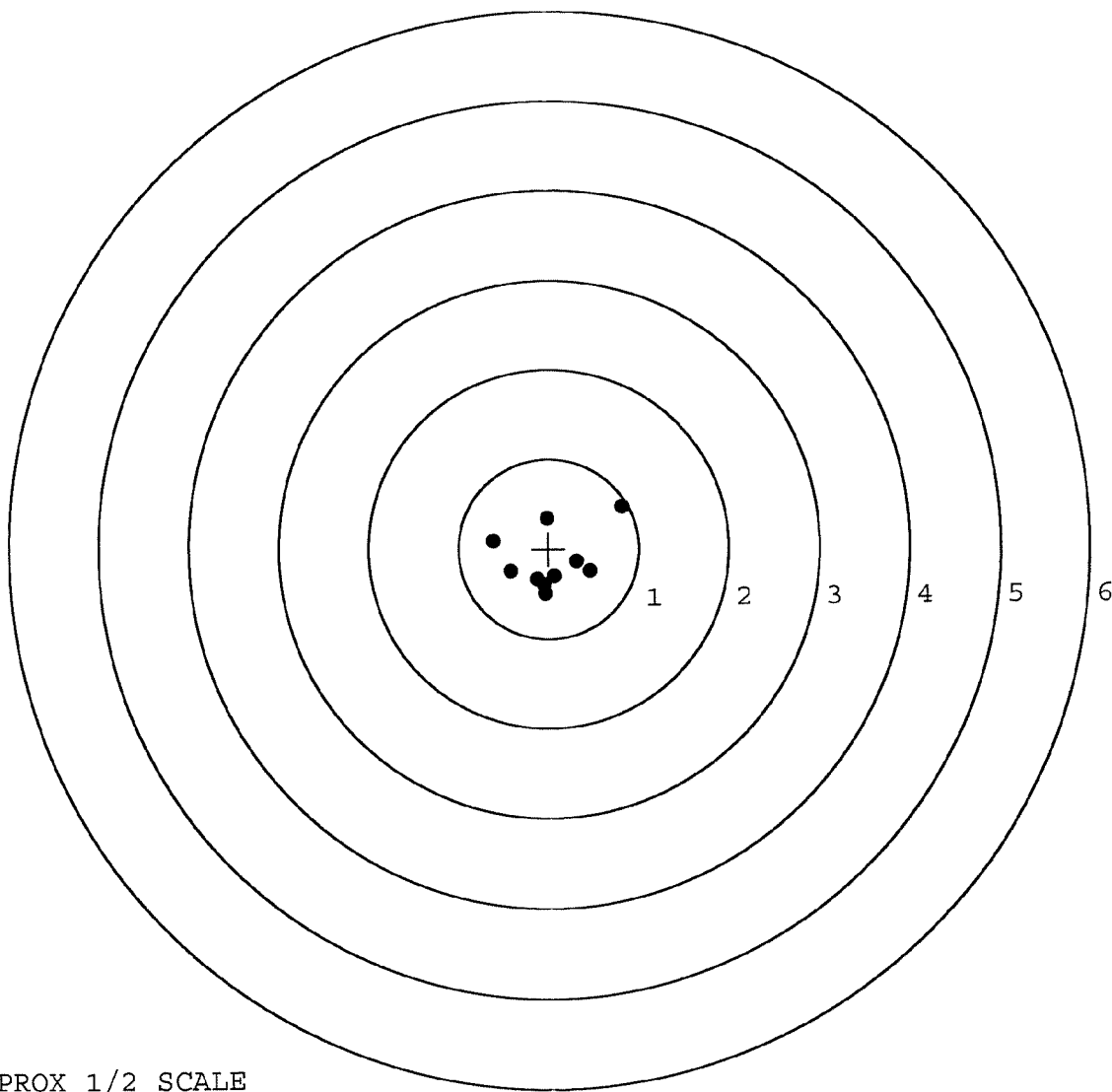
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.084
The Average Y Centroid of the Five Target Set:	-0.097
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.568
The Distance from POA to Centroid Target #1:	0.137
The Distance from Centroid Target #2 to Centroid Target #1:	0.280
The Distance from Centroid Target #3 to Centroid Target #1:	0.259
The Distance from Centroid Target #4 to Centroid Target #1:	0.299
The Distance from Centroid Target #5 to Centroid Target #1:	0.131

SERIAL NUMBER: C6225095. __1
 TARGET NUMBER: 1
 FILE DATE: 06/07/2006
 FILE TIME: 18:04

X CENTROID: 0.036
 Y CENTROID: -0.132
 POA TO CENTROID: 0.137
 HORZ SPREAD: 1.436
 VERT SPREAD: 0.967
 GROUP SPREAD: 1.485
 MIN RADIUS: 0.183
 MAX RADIUS: 0.985
 MEAN RADIUS: 0.446
 # IN 1 IN DIAMETER: 8
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.617	0.088
2:	-0.020	0.337
3:	0.819	0.466
4:	0.459	-0.251
5:	0.311	-0.143
6:	0.066	-0.312
7:	-0.042	-0.501
8:	-0.131	-0.346
9:	-0.426	-0.248
10:	-0.055	-0.406

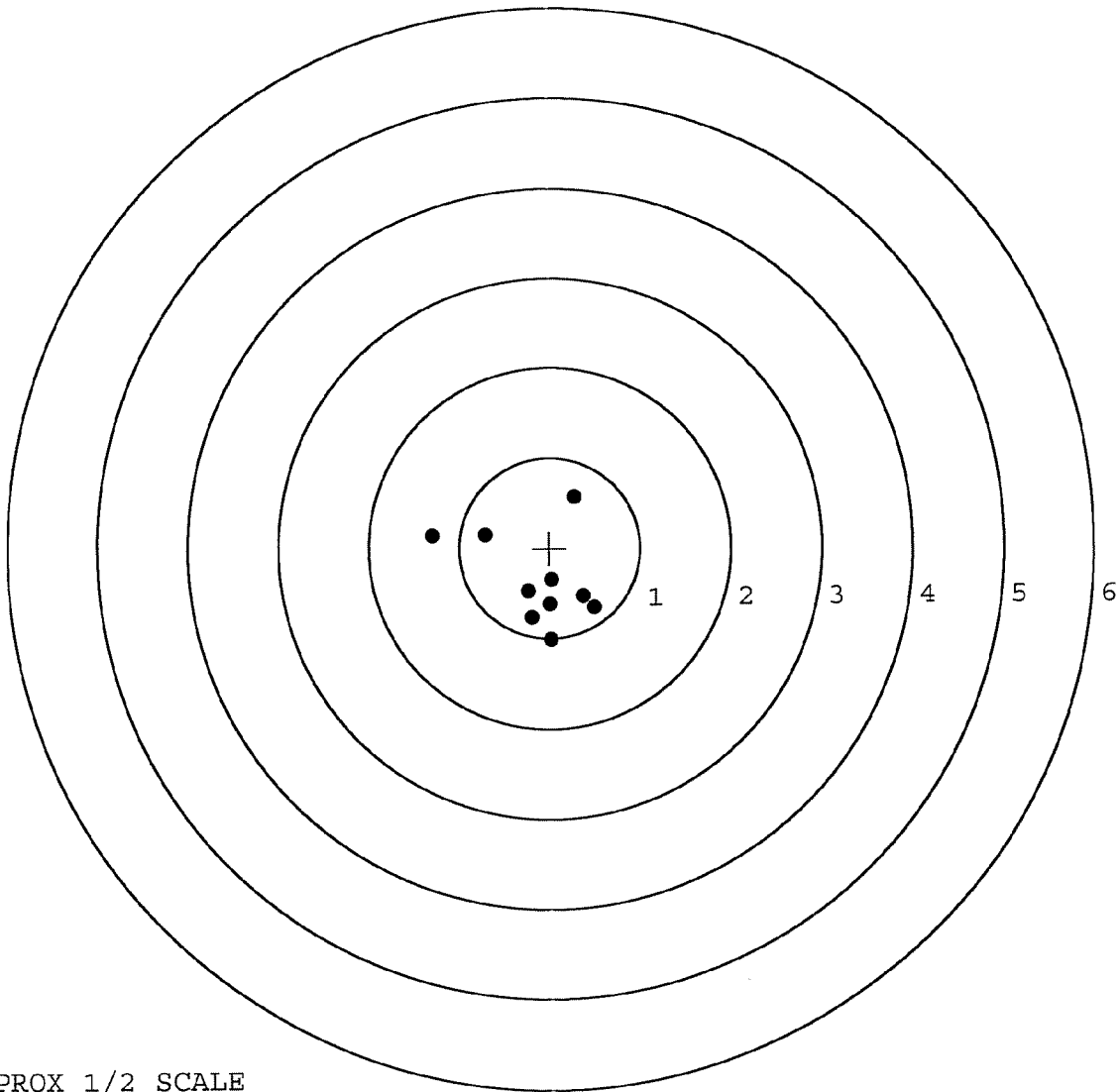


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __1
 TARGET NUMBER: 2
 FILE DATE: 06/07/2006
 FILE TIME: 18:04

X CENTROID: -0.126
 Y CENTROID: -0.360
 POA TO CENTROID: 0.381
 HORZ SPREAD: 1.785
 VERT SPREAD: 1.594
 GROUP SPREAD: 1.957
 MIN RADIUS: 0.149
 MAX RADIUS: 1.272
 MEAN RADIUS: 0.598
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.295	0.141
2:	-0.708	0.150
3:	0.274	0.572
4:	0.490	-0.662
5:	0.369	-0.536
6:	0.023	-0.355
7:	-0.237	-0.482
8:	-0.197	-0.775
9:	0.015	-1.022
10:	0.004	-0.630

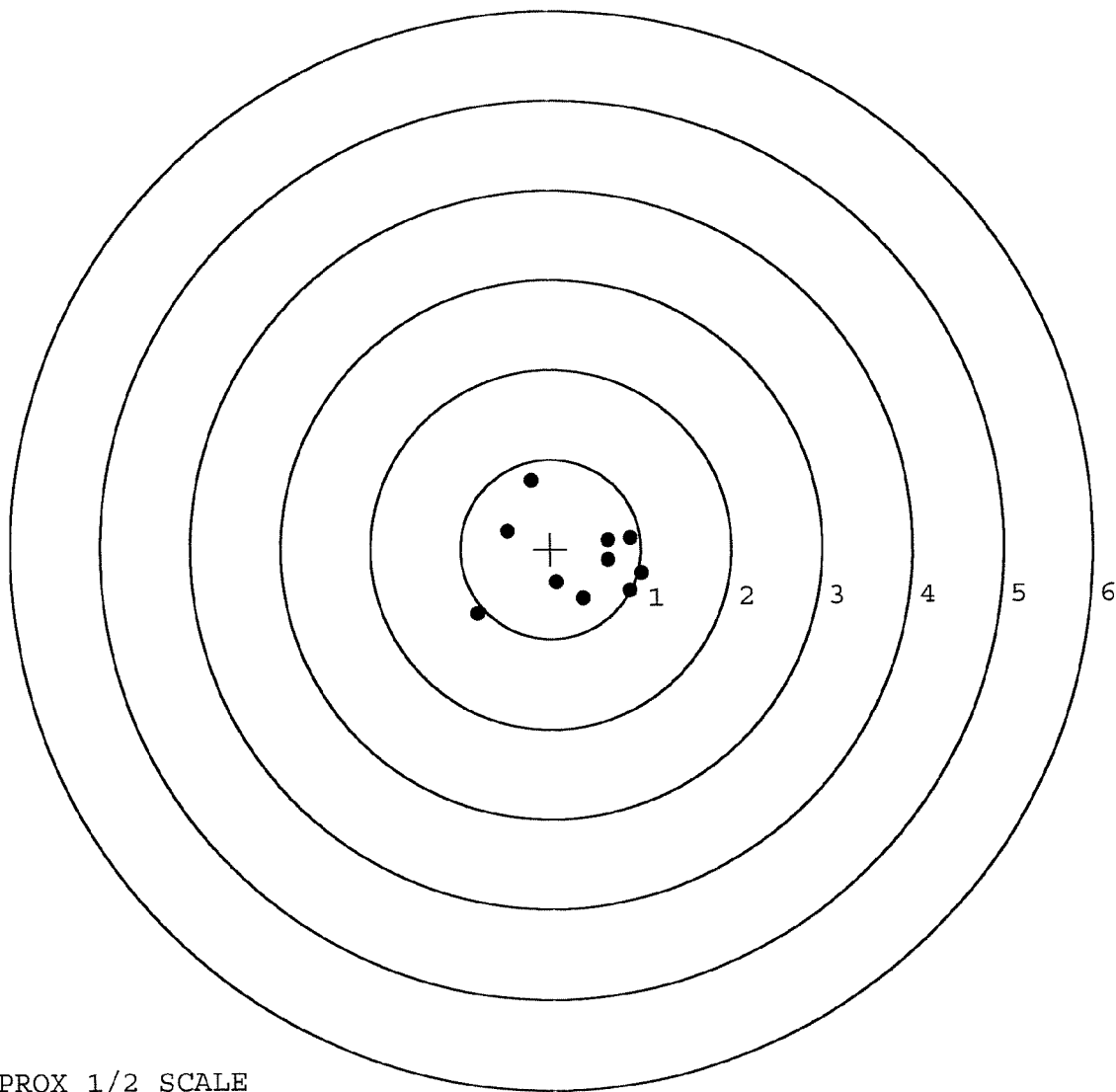


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __1
 TARGET NUMBER: 3
 FILE DATE: 06/07/2006
 FILE TIME: 18:04

POINT#	X	Y
1:	-0.211	0.765
2:	-0.477	0.204
3:	-0.817	-0.721
4:	0.066	-0.379
5:	0.358	-0.554
6:	0.875	-0.478
7:	1.005	-0.281
8:	0.882	0.117
9:	0.636	0.099
10:	0.638	-0.129

X CENTROID: 0.296
 Y CENTROID: -0.136
 POA TO CENTROID: 0.325
 HORZ SPREAD: 1.822
 VERT SPREAD: 1.486
 GROUP SPREAD: 1.894
 MIN RADIUS: 0.334
 MAX RADIUS: 1.257
 MEAN RADIUS: 0.668
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __1

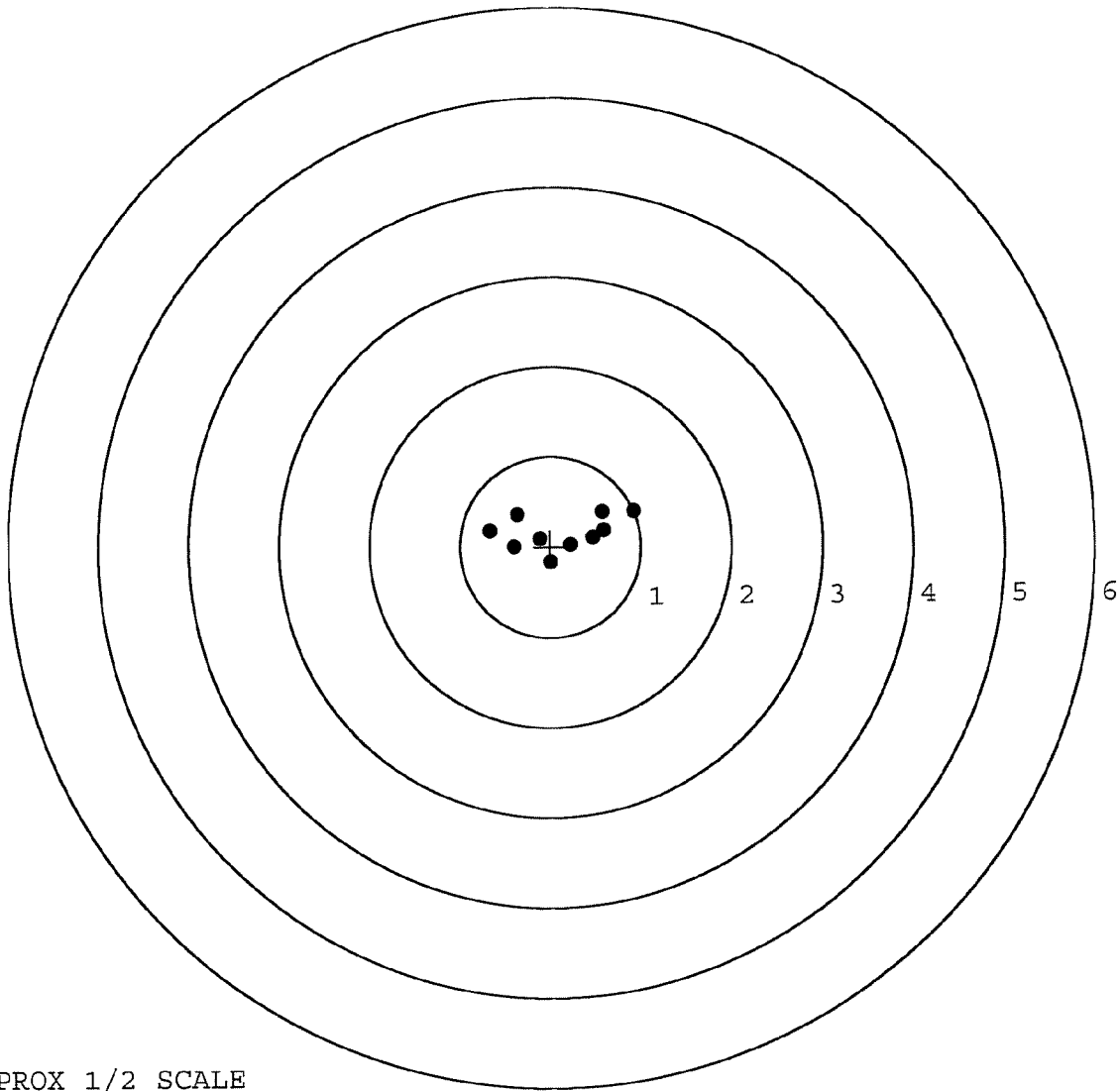
TARGET NUMBER: 4

FILE DATE: 06/07/2006

FILE TIME: 18:04

X CENTROID: 0.123
Y CENTROID: 0.154
POA TO CENTROID: 0.198
HORZ SPREAD: 1.594
VERT SPREAD: 0.564
GROUP SPREAD: 1.608
MIN RADIUS: 0.165
MAX RADIUS: 0.835
MEAN RADIUS: 0.480
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.670	0.179
2:	-0.366	0.357
3:	-0.405	0.001
4:	0.002	-0.172
5:	-0.118	0.089
6:	0.226	0.025
7:	0.468	0.105
8:	0.593	0.184
9:	0.579	0.385
10:	0.924	0.392

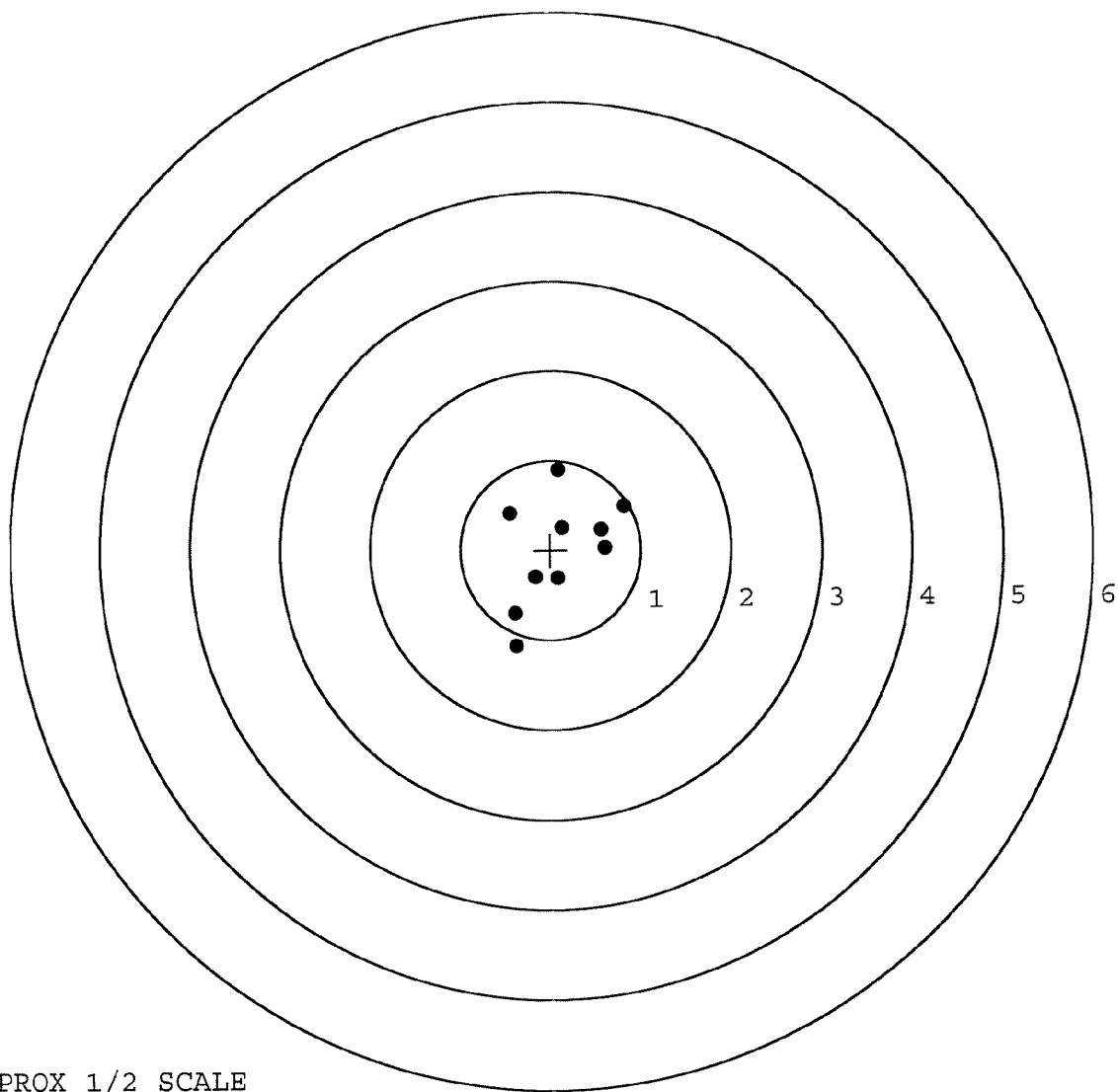


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __1
 TARGET NUMBER: 5
 FILE DATE: 06/07/2006
 FILE TIME: 18:04

X CENTROID: 0.089
 Y CENTROID: -0.012
 POA TO CENTROID: 0.089
 HORZ SPREAD: 1.262
 VERT SPREAD: 1.970
 GROUP SPREAD: 2.025
 MIN RADIUS: 0.265
 MAX RADIUS: 1.163
 MEAN RADIUS: 0.649
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.088	0.894
2:	-0.448	0.410
3:	0.132	0.250
4:	0.600	0.024
5:	0.564	0.227
6:	0.814	0.489
7:	0.083	-0.320
8:	-0.167	-0.305
9:	-0.398	-0.712
10:	-0.381	-1.076



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112700		
SERIAL NUMBER	0622 5095		
LOG-IN DATE	5-23-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-24-06	RTZ
505	RE-BARREL	5-26-06	RTZ
560	ASSEMBLE	5-30-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED	TRW
605	CHECK HEADSPACE	5-30-06	TRW
610	DIS-ASSEMBLE GUN	JUN 02 2006	RTZ
612	MAGNAFLUX	OPERATOR <u>APD</u>	APD
510	DRILL AND TAP	6-1-06	TRW
615	ROLLMARK CALIBER	6-2-06	CW
618	ROTO-BLAST	6-2-06	LB
620	APPLY COATINGS	6/5/06	RB
625	FINAL ASSEMBLY	6-7-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	WJH
650	TARGET	PASS FAIL	WJH
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-8-06	AC
	A) HEADSPACE	PASS FAIL	AC
	B) TRIGGER PULL	6-8-06	DA
	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.60 2.66 2.71 2.69 2.71	
680	F) SAFETY ON FORCE	6-8-06	DA
	2 LBS MIN 10 LBS MAX	5.5 5.2 5.3	
	G) SAFETY OFF FORCE	6-8-06	DA
	2 LBS MIN	2.5 2.5 2.2	
	I) FIRING PIN INDENT	6-8-06	DA
	.020	.021 .021 .022	
690	PACK	6-9-06	DA

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: **RE00047889** Serial: **C6225095** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 6/11/02 7:29:28 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 2/7 SFG A** **HSC 2/7 SFG A**

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

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
X	SGT BASES	2

Repair Search **Refresh** **Close**

magletr 6/11/02 7:33 AM CAPS NUM WS SCFL

Start Inbox Score Google Arms Part S RAC1 7:33 AM

Serial Number: **C6225095**

Model: **700**



RE00047889

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225095.___0
FILE DATE AND TIME: 06/28/2002 13:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.059
The Average Y Centroid of the Five Target Set:	-0.105
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.622
The Distance from POA to Centroid Target #1:	0.248
The Distance from Centroid Target #2 to Centroid Target #1:	0.277
The Distance from Centroid Target #3 to Centroid Target #1:	0.125
The Distance from Centroid Target #4 to Centroid Target #1:	0.244
The Distance from Centroid Target #5 to Centroid Target #1:	0.156

SERIAL NUMBER: C6225095. __0

TARGET NUMBER: 1

FILE DATE: 06/28/2002

FILE TIME: 13:53

X CENTROID: -0.192

Y CENTROID: -0.157

POA TO CENTROID: 0.248

HORZ SPREAD: 1.420

VERT SPREAD: 2.243

GROUP SPREAD: 2.419

MIN RADIUS: 0.129

MAX RADIUS: 1.263

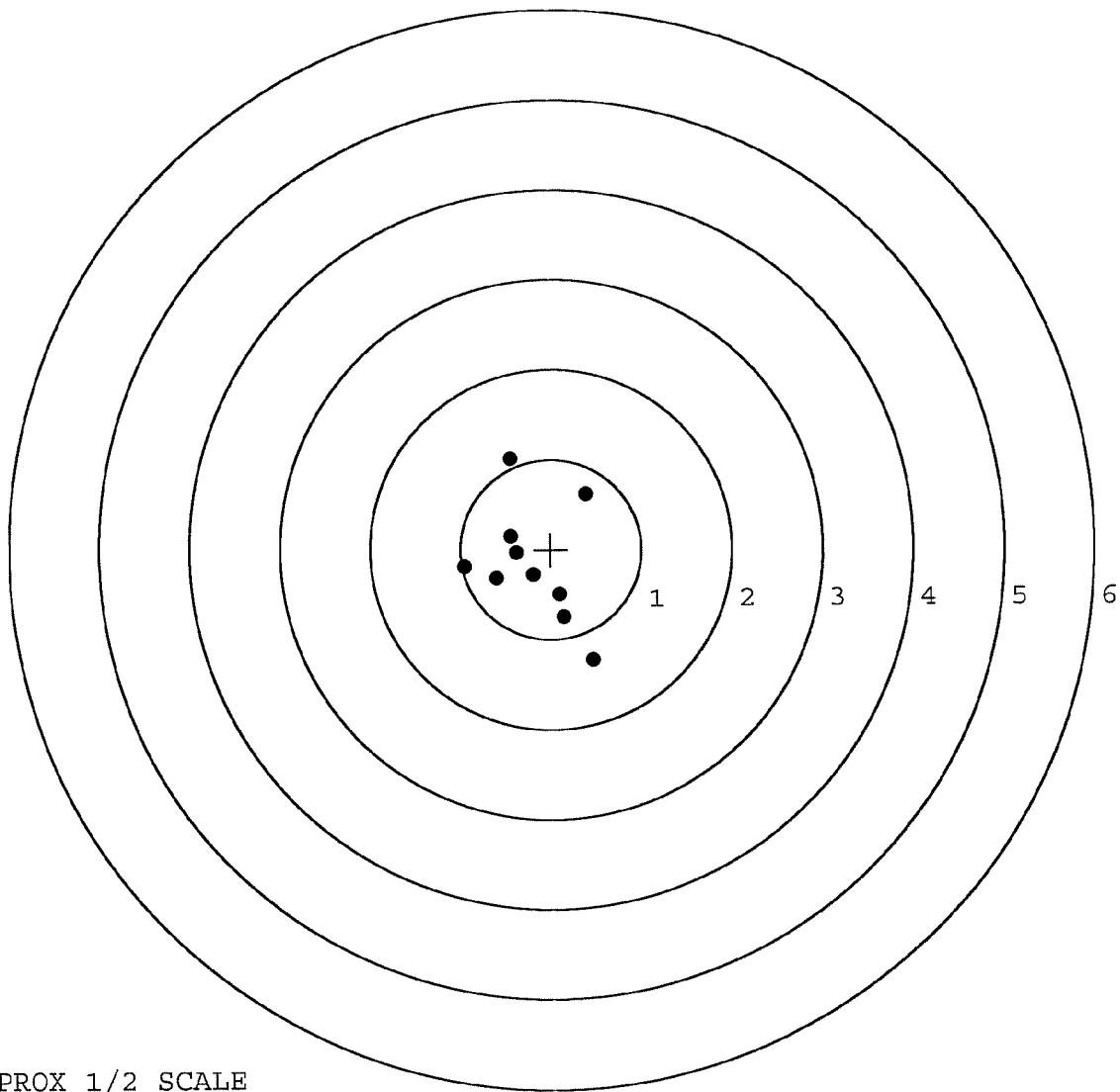
MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.465	-1.236
2:	0.393	0.614
3:	-0.441	1.007
4:	-0.441	0.153
5:	-0.955	-0.198
6:	-0.604	-0.326
7:	-0.385	-0.037
8:	-0.194	-0.286
9:	0.097	-0.500
10:	0.143	-0.760

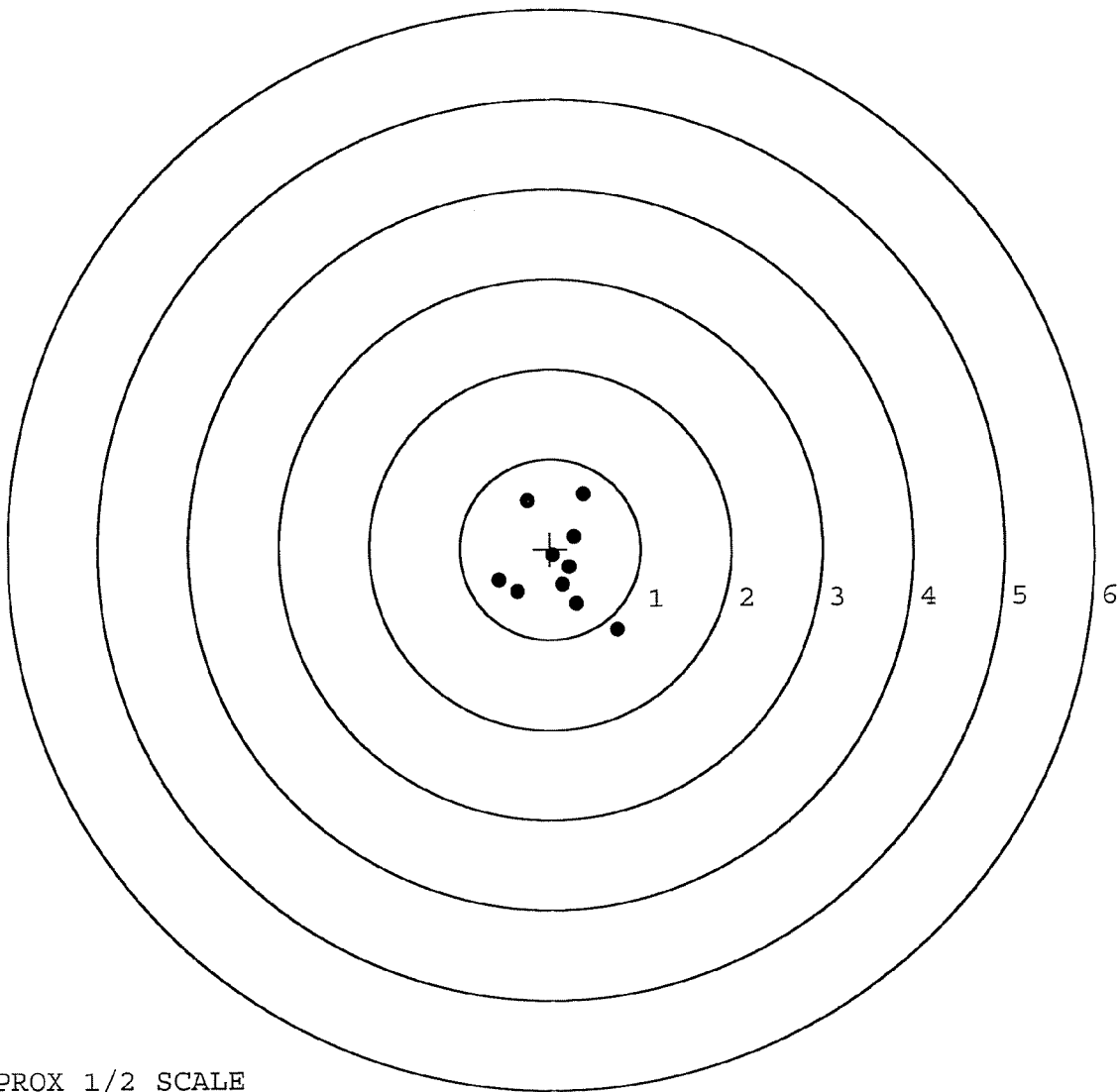


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __0
 TARGET NUMBER: 2
 FILE DATE: 06/28/2002
 FILE TIME: 13:53

X CENTROID: 0.085
 Y CENTROID: -0.172
 POA TO CENTROID: 0.192
 HORZ SPREAD: 1.311
 VERT SPREAD: 1.506
 GROUP SPREAD: 1.741
 MIN RADIUS: 0.120
 MAX RADIUS: 0.977
 MEAN RADIUS: 0.513
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.738	-0.899
2:	0.367	0.607
3:	-0.248	0.536
4:	-0.573	-0.351
5:	-0.363	-0.476
6:	0.290	-0.610
7:	0.137	-0.398
8:	0.208	-0.202
9:	0.027	-0.067
10:	0.265	0.137

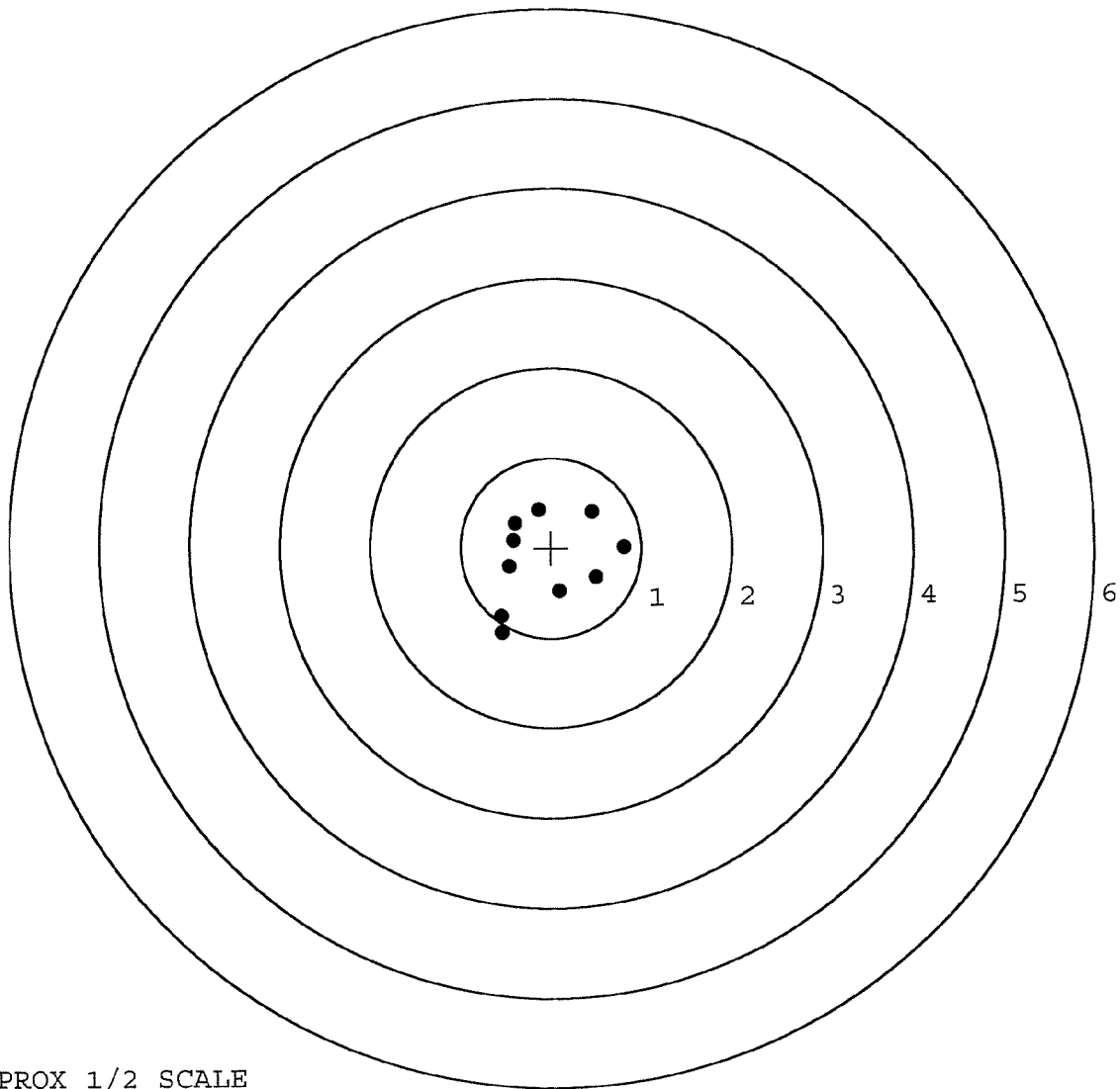


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. 0
 TARGET NUMBER: 3
 FILE DATE: 06/28/2002
 FILE TIME: 13:53

POINT#	X	Y
1:	-0.548	-0.942
2:	-0.554	-0.764
3:	0.088	-0.486
4:	0.494	-0.329
5:	0.808	0.002
6:	0.457	0.399
7:	-0.136	0.421
8:	-0.398	0.270
9:	-0.418	0.086
10:	-0.466	-0.213

X CENTROID: -0.067
 Y CENTROID: -0.156
 POA TO CENTROID: 0.170
 HORZ SPREAD: 1.362
 VERT SPREAD: 1.363
 GROUP SPREAD: 1.676
 MIN RADIUS: 0.365
 MAX RADIUS: 0.922
 MEAN RADIUS: 0.625
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

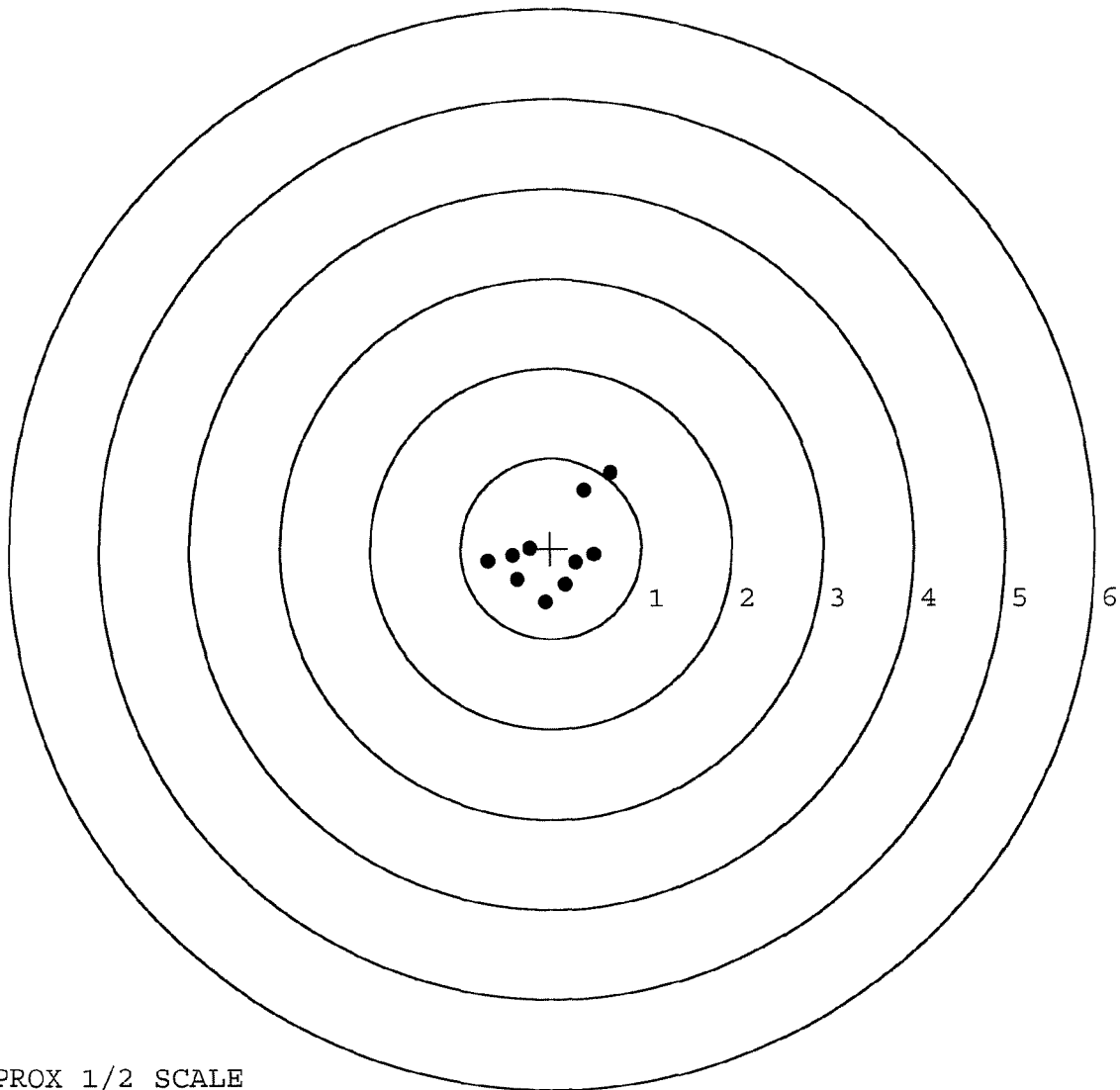


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __0
 TARGET NUMBER: 4
 FILE DATE: 06/28/2002
 FILE TIME: 13:53

POINT#	X	Y
1:	0.655	0.844
2:	0.361	0.652
3:	-0.229	-0.001
4:	-0.695	-0.145
5:	-0.425	-0.083
6:	-0.367	-0.349
7:	-0.062	-0.603
8:	0.164	-0.401
9:	0.276	-0.147
10:	0.479	-0.062

X CENTROID: 0.016
 Y CENTROID: -0.029
 POA TO CENTROID: 0.033
 HORZ SPREAD: 1.350
 VERT SPREAD: 1.447
 GROUP SPREAD: 1.674
 MIN RADIUS: 0.246
 MAX RADIUS: 1.082
 MEAN RADIUS: 0.548
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

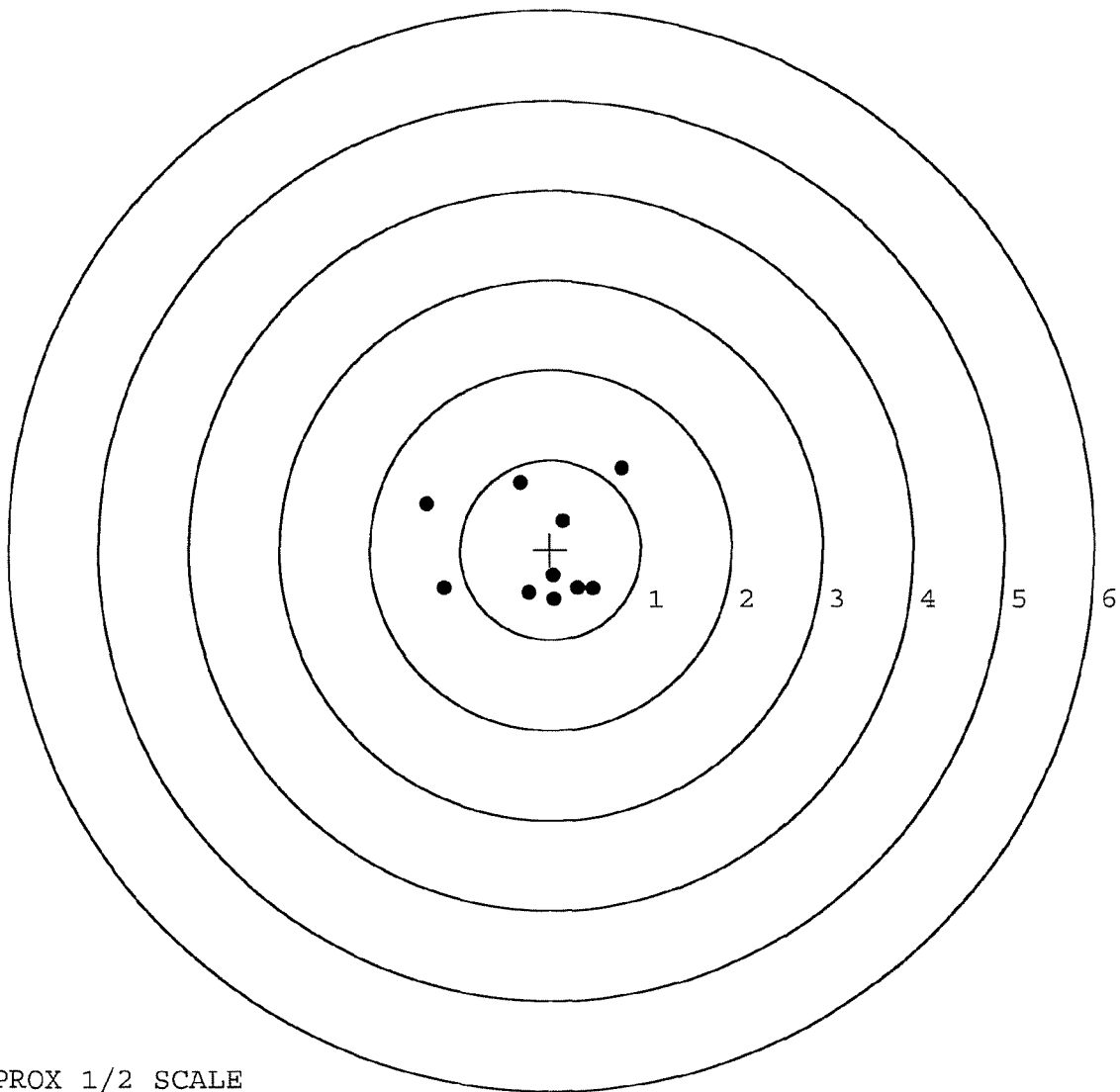


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225095. __0
 TARGET NUMBER: 5
 FILE DATE: 06/28/2002
 FILE TIME: 13:53

POINT#	X	Y
1:	0.470	-0.432
2:	0.134	0.324
3:	0.792	0.908
4:	-0.331	0.748
5:	-1.368	0.512
6:	-1.178	-0.436
7:	-0.238	-0.484
8:	0.040	-0.555
9:	0.038	-0.288
10:	0.301	-0.421

X CENTROID: -0.134
 Y CENTROID: -0.012
 POA TO CENTROID: 0.135
 HORZ SPREAD: 2.160
 VERT SPREAD: 1.463
 GROUP SPREAD: 2.196
 MIN RADIUS: 0.325
 MAX RADIUS: 1.341
 MEAN RADIUS: 0.770
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. _____

DATE 6-26-02TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.68		2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.68		2.22	
PULL #3	2.56	2.76		2.26	
PULL #4	2.46	2.73		2.18	
PULL #5	2.58	2.71		2.05	
TOTAL	12.59	13.56		10.96	
AVG.	2.51	2.71		2.19	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.29		
PULL #2	3.31	3.33		
PULL #3	3.34	3.38		
PULL #4	3.38	3.42		
PULL #5	3.32	3.30		
TOTAL	16.47	16.72		
AVG.	3.29	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURAC
PULL #1	4.18	4.19		4.14
PULL #2	4.28	4.15		4.22
PULL #3	4.30	3.91		4.19
PULL #4	4.33	4.25		4.20
PULL #5	4.30	4.21		4.17
TOTAL	21.39	20.71		20.92
AVG.	4.27	4.14		4.18

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

R & E NUMBER 47889

SERIAL NUMBER C6225095

LOG-IN DATE 6/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6/14/02	PL
560 A	RE-BARREL AT CUSTOM SHOP	6/17/02	BWT
B	DRILL AND TAP	6/17/02	BWT
C	POLISH		
575	ASSEMBLE	6/17/02	PL
600	PROOF	6/17/02	RW
605	CHECK HEADSPACE	6/17/02	RW
610	DIS-ASSEMBLE GUN	6/17/02	RW
612	MAGNAFLUX OPERATOR DRD		
615	ROLLMARK CALIBER	6/17/02	RW
618	ROTO-BLAST	6/19/02	RD
620	APPLY COATINGS	6-24	TA
625 A	FINAL ASSEMBLY	6/26/02	PL
B	TRIGGER PULL TEST	6/28/02	PL
C	SAFETY "ON" FORCE	6/28/02	PL
D	SAFETY "OFF" FORCE	6/28/02	PL
E	FIRING PIN INDENT		
640	TARGET	6-27-02	TRW
655	FINAL INSPECT	6/28/02	PL
660	PACK	6/28/02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

MODEL 700™ H24

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

DUPONT

REG. U.S. PAT. & T.M. OFF.

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

SERIAL NO.
C6225095

ORDER NO.
5715

0 47700 25716 7

5715 C6225095

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225095

OP. #	OP. NAME	INTERCHANGEABILITY	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12 9	88	RW
600	Proof		12 9	88	RW
607	Check Headspace	QUALITY	12 9	88	RW
610	Dis-assemble Gun	AUDIT	12 9	88	RW
612	Magnaflux Barrel Action			12-22-88	Ph.
	Magnaflux Bolt			1-3-89	Ph.
615	Rollmark Caliber	INTERCHANGEABILITY		12/2/88	MDC.
617	Drill and Tap Sight Holes		1 3	89	FB
618	Polish Barrel		12 2	88	WJT
620	Apply Coatings (Barrel Action)			1-16-89	JA
	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			10/26/89	JS

op. #	BARBER - M24 0048779 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17/26/89	JS
	G) Safety Off Force	3	3	3			17/26/89	JS
	H) Trigger Pull Test & Retainability						10/26/89	JS
	I) Firing Pin Indent	.021	.021	.022			17/26/89	JS
	J) Assemble Stock						2/23/89	RW
	K) Assemble Swivel Studs						24/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/23/89	RW
	M) Iron Sight Alignment						2/23/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/23/89	RW
	O) Attach Scope to Rifle						23/26/89	JS
	P) Detach & Attach Scope 20 Times						23/26/89	JS
640	Gallery Target & Test	56 R	87 L				2/24/89	DH
	A) Time					OK	11	DH
	B) Malfunctions					OK	11	DH
	C) Pierced Primers					OK	11	DH
	D) Optical Clarity of Scope						2/24/89	DH
645	Inspect for Live Ammo						2/24/89	DH
655	Final Inspection							
	A) Headspace						24/26/89	JS
	B) Trigger Pull	2.45	2.59	2.35	2.55	2.53	24/26/89	JS
	C) Function						24/26/89	JS
660	Pack						22/26/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5095DATE 4-3-90TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.35	2.25	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.33	2.44	
PULL #3	2.37	2.31	2.40	
PULL #4	2.36	2.32	2.45	
PULL #5	2.38	2.39	2.52	
TOTAL	11.77	11.60	12.17	
AVG.	2.354	2.32	2.434	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.37	3.45	
PULL #2	3.40	3.49	
PULL #3	3.11	3.54	
PULL #4	3.27	3.53	
PULL #5	3.15	3.51	
TOTAL	16.30	17.52	
AVG.	3.26	3.504	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.45		
PULL #2	4.50	4.41		
PULL #3	4.30	4.42		
PULL #4	4.38	4.40		
PULL #5	4.46	4.43		
TOTAL	22.14	22.11		
AVG.	4.428	4.422		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225095
24 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.333209
1 TO	2	.27751
1 TO	3	.288111
1 TO	4	.604013
1 TO	5	.288917

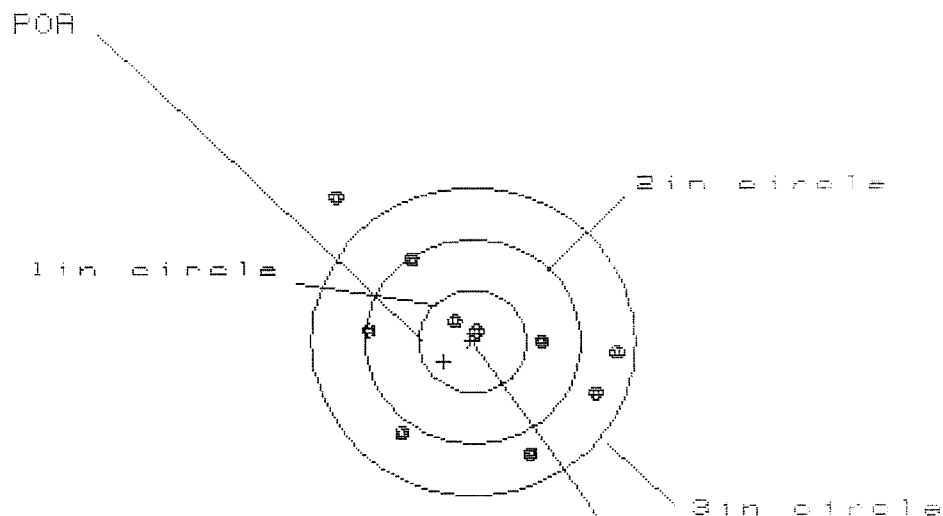
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3456
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.013
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .345844
THE AMR FOR THIS RIFLE IS: .8754

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225095

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 2.546

VS = 2.412

GS = 3.039

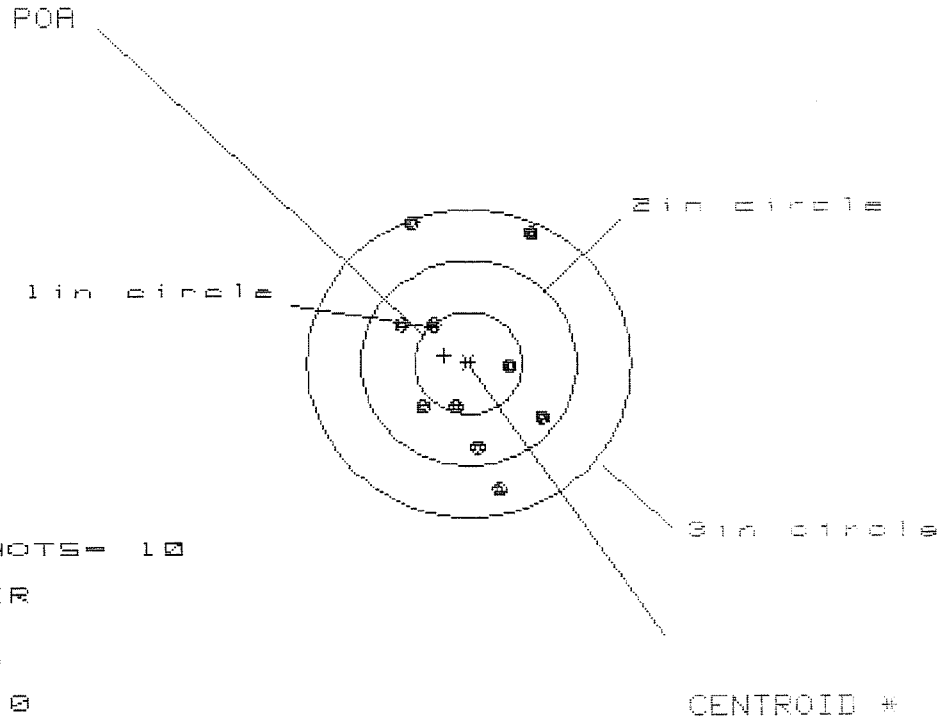
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.319	1.182	1.173
MINIMUM X	:	-1.228	-1.115	-.967
MAXIMUM Y	:	1.361	.947	.958
MINIMUM Y	:	-1.051	-.900	-.889
CENTROID X	:	.268	.404	.256
CENTROID Y	:	.198	.047	.036
POA TO CENTROID in.	:	.333	.407	.259
MIN RADIUS	:	.109	.275	.269
MEAN RADIUS	:	.976	.889	.843
MAX RADIUS	:	1.833	1.208	1.226
HORIZONTAL SPREAD	:	2.546	2.297	2.140
VERTICAL SPREAD	:	2.412	1.847	1.847
EXTREME SPREAD	:	3.039	2.305	2.234
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225085

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.300

VS = 2.590

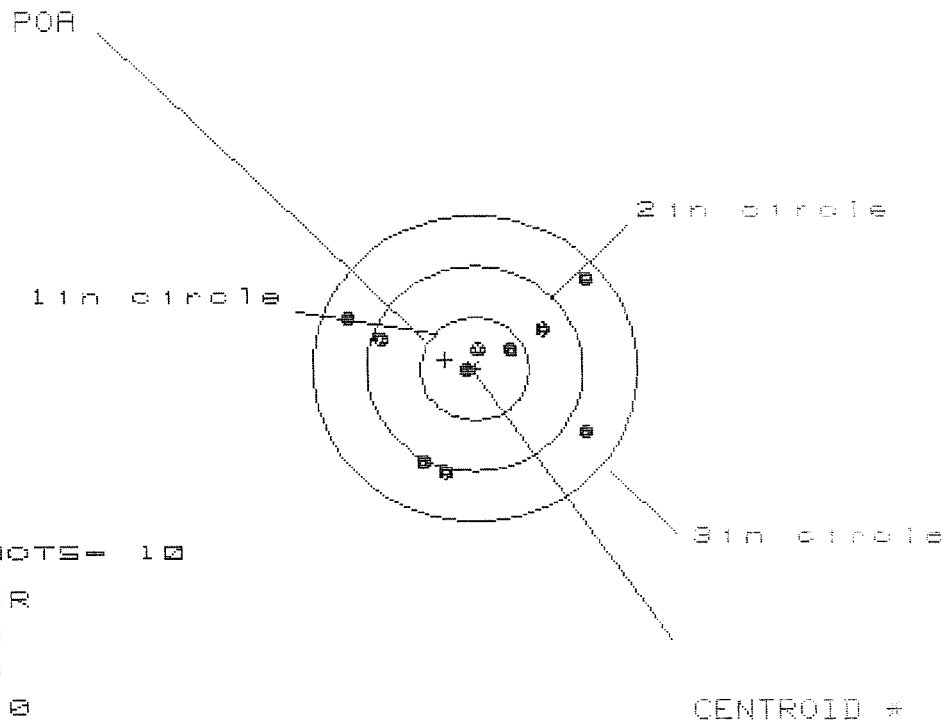
GS = 2.693

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.668	.614	.674
MINIMUM X	:	-.632	-.686	-.626
MAXIMUM Y	:	1.384	1.477	.757
MINIMUM Y	:	-1.206	-1.052	-.867
CENTROID X	:	.224	.278	.218
CENTROID Y	:	-.076	-.230	-.415
POA TO CENTROID in.	:	.236	.361	.468
MIN RADIUS	:	.413	.363	.186
MEAN RADIUS	:	.863	.769	.634
MAX RADIUS	:	1.467	1.552	.972
HORIZONTAL SPREAD	:	1.300	1.300	1.300
VERTICAL SPREAD	:	2.590	2.529	1.624
EXTREME SPREAD	:	2.693	2.544	1.838
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225085

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.212

VS= 1.920

GS= 2.415

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.042	1.093	.962
MINIMUM X	:	-1.170	-1.055	-.935
MAXIMUM Y	:	.907	.637	.582
MINIMUM Y	:	-1.013	-.912	-.832
CENTROID X	:	.276	.161	.293
CENTROID Y	:	-.090	-.191	-.271
POA TO CENTROID in.	:	.291	.250	.398
MIN RADIUS	:	.077	.083	.173
MEAN RADIUS	:	.818	.768	.710
MAX RADIUS	:	1.381	1.232	1.059
HORIZONTAL SPREAD	:	2.212	2.148	1.897
VERTICAL SPREAD	:	1.920	1.549	1.414
EXTREME SPREAD	:	2.415	2.415	2.092
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

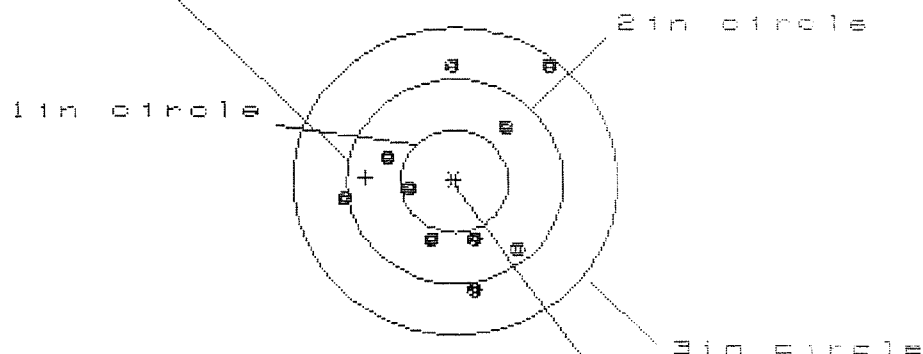
24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225085

CENTERFIRE PATTERNS

4

POA



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 1.921

VS = 2.243

GS = 2.285

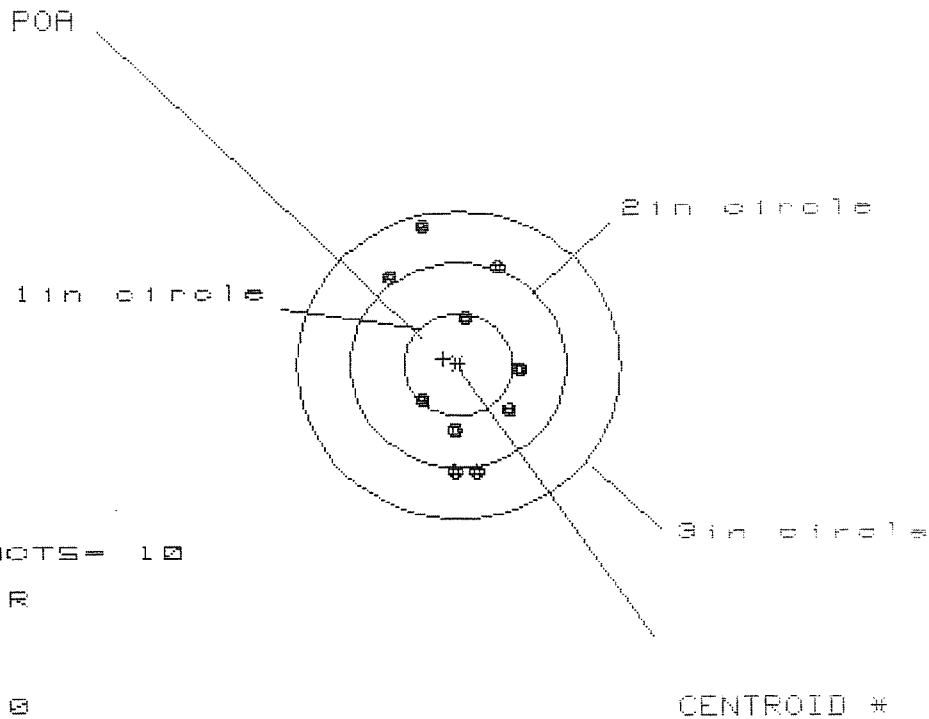
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.852	.692	.794
MINIMUM X	:	-1.069	-.974	-.962
MAXIMUM Y	:	1.177	1.300	.782
MINIMUM Y	:	-1.066	-.943	-.780
CENTROID X	:	.824	.729	.717
CENTROID Y	:	-.038	-.161	-.324
POA TO CENTROID in.	:	.824	.747	.787
MIN RADIUS	:	.376	.296	.306
MEAN RADIUS	:	.856	.767	.674
MAX RADIUS	:	1.398	1.304	.975
HORIZONTAL SPREAD	:	1.921	1.666	1.666
VERTICAL SPREAD	:	2.243	2.243	1.562
EXTREME SPREAD	:	2.285	2.251	1.758
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225085

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 1.246

VS = 2.439

GS = 2.492

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.610	.567	.578
MINIMUM X	-.636	-.679	-.668
MAXIMUM Y	1.356	1.146	1.030
MINIMUM Y	-1.083	-.933	-1.025
CENTROID X	.136	.179	.168
CENTROID Y	-.059	-.209	-.093
POA TO CENTROID in.	.148	.275	.192
MIN RADIUS	.493	.469	.527
MEAN RADIUS	.864	.776	.763
MAX RADIUS	1.409	1.235	1.133
HORIZONTAL SPREAD	1.246	1.246	1.246
VERTICAL SPREAD	2.439	2.079	2.055
EXTREME SPREAD	2.492	2.108	2.102
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225095
20 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.430471
1 TO	2	.261237
1 TO	3	.37648
1 TO	4	.243132
1 TO	5	.232998

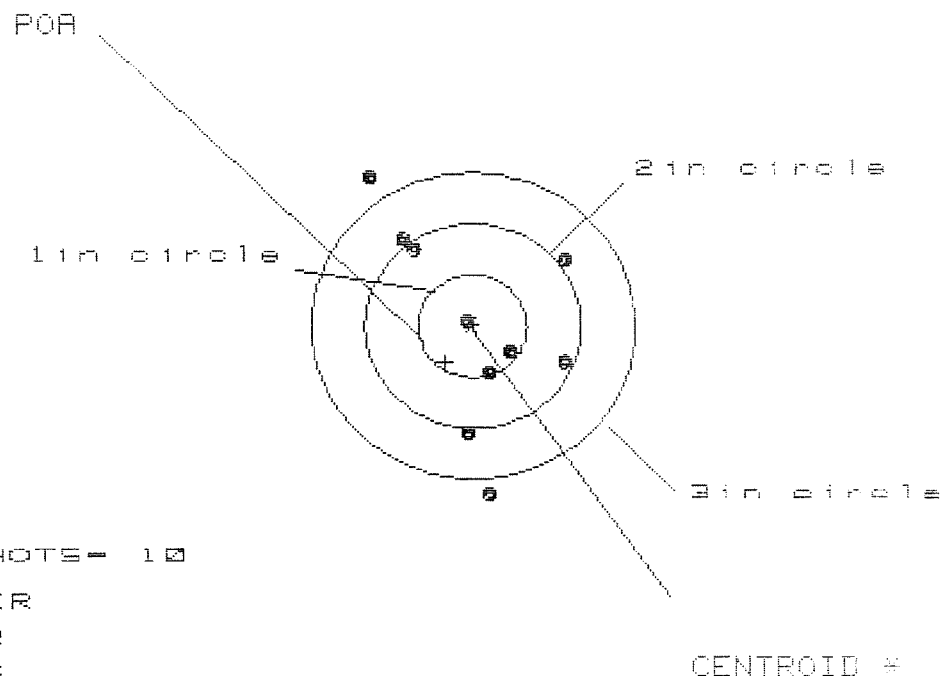
$\bar{x} = .2954$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2954
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2694
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .399797
THE AMR FOR THIS RIFLE IS: .8736

28 Mar 1969

FILE:/PATTERNING/CENTERFIRE_PATT/06225095

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 1.772

VS = 3.140

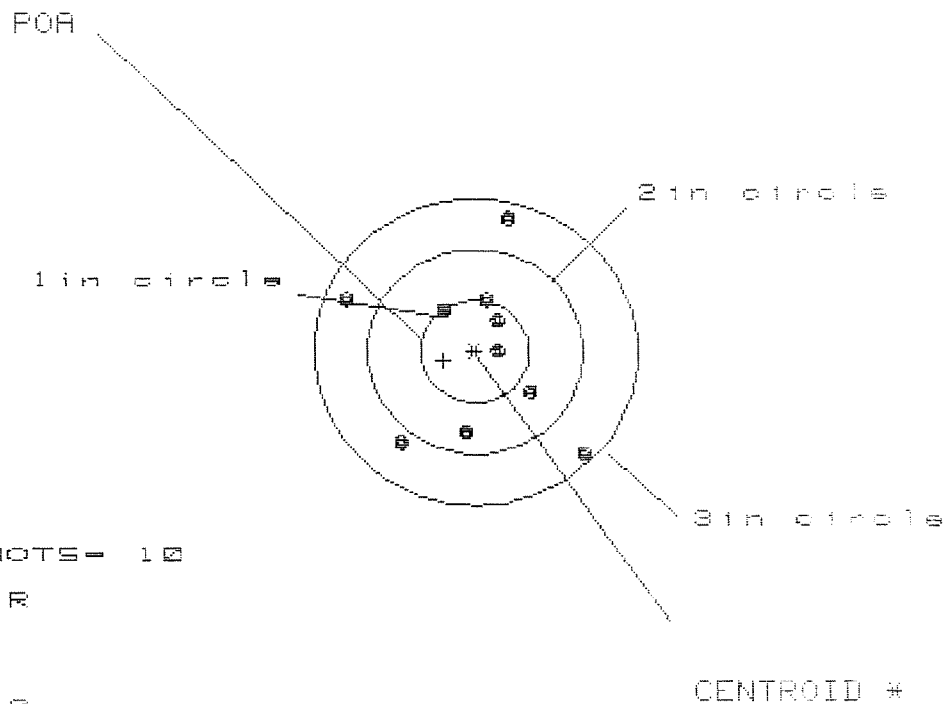
GS = 3.336

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.812	.705	.713
MINIMUM X	-.960	-.808	-.800
MAXIMUM Y	1.487	1.045	.859
MINIMUM Y	-1.653	-1.488	-1.055
CENTROID X	.252	.359	.351
CENTROID Y	.349	.184	.370
POA TO CENTROID in.	.431	.403	.510
MIN RADIUS	.063	.238	.164
MEAN RADIUS	.948	.832	.756
MAX RADIUS	1.770	1.489	1.174
HORIZONTAL SPREAD	1.772	1.513	1.513
VERTICAL SPREAD	3.140	2.533	1.914
EXTREME SPREAD	3.336	2.678	2.022
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

20 Mar 1999

FILE:/PATTERNING/CENTERFIRE_PATT/C6225095

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.194

VS = 2.252

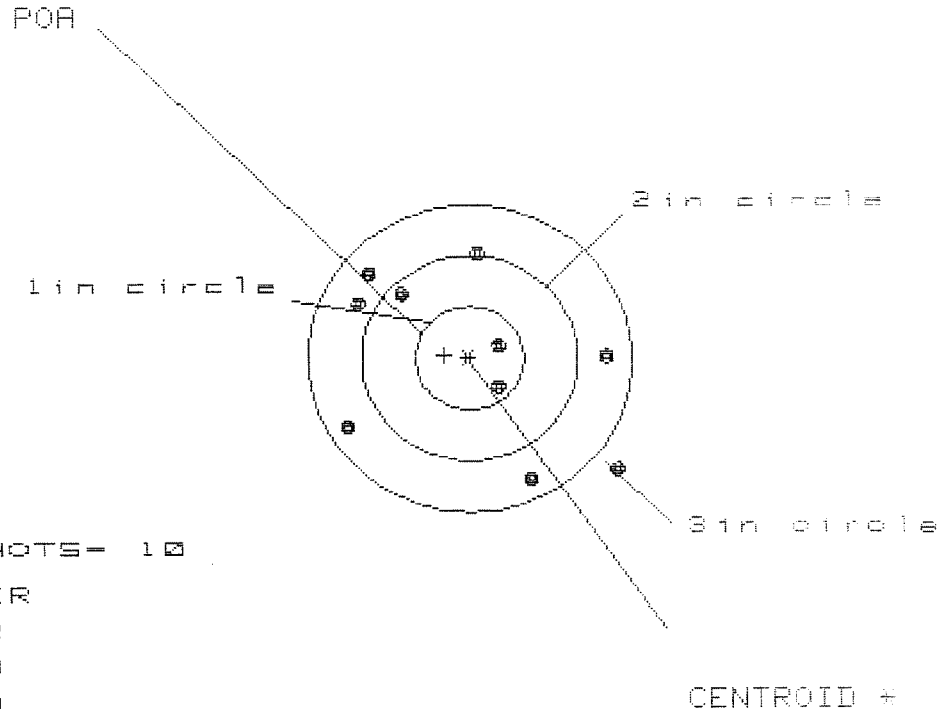
GS = 2.648

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.589	.637
MINIMUM X	:	-1.187	-1.076	-1.028
MAXIMUM Y	:	1.287	1.180	.559
MINIMUM Y	:	-.965	-.966	-.818
CENTROID X	:	.293	.182	.134
CENTROID Y	:	.091	.198	.050
POA TO CENTROID in.	:	.307	.269	.143
MIN RADIUS	:	.225	.348	.389
MEAN RADIUS	:	.813	.746	.697
MAX RADIUS	:	1.394	1.241	1.170
HORIZONTAL SPREAD	:	2.194	1.665	1.665
VERTICAL SPREAD	:	2.252	2.146	1.377
EXTREME SPREAD	:	2.648	2.360	1.918
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225095

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 5

HS= 2.491

VS= 2.193

GS= 2.922

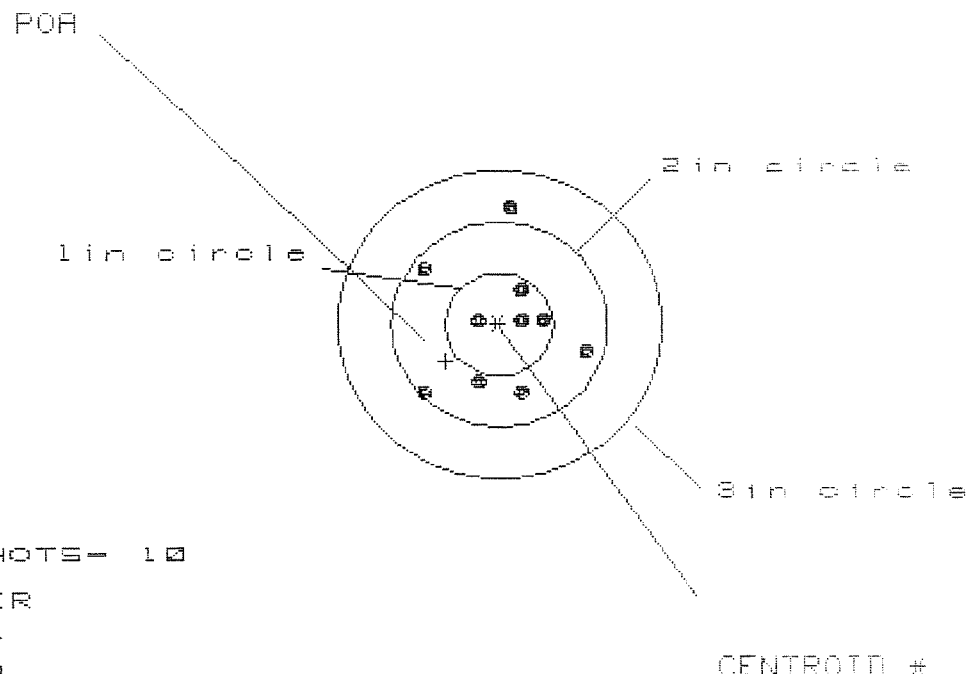
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.345	1.413	1.289
MINIMUM X	:	-1.146	-.997	-1.019
MAXIMUM Y	:	1.030	.912	.810
MINIMUM Y	:	-1.163	-1.281	-1.382
CENTROID X	:	.233	.084	.208
CENTROID Y	:	-.027	.091	.193
POA TO CENTROID in.	:	.235	.123	.284
MIN RADIUS	:	.283	.392	.275
MEAN RADIUS	:	1.061	.979	.919
MAX RADIUS	:	1.710	1.469	1.505
HORIZONTAL SPREAD	:	2.491	2.410	2.308
VERTICAL SPREAD	:	2.193	2.193	2.193
EXTREME SPREAD	:	2.922	2.516	2.464
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225095

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.519

VS= 1.871

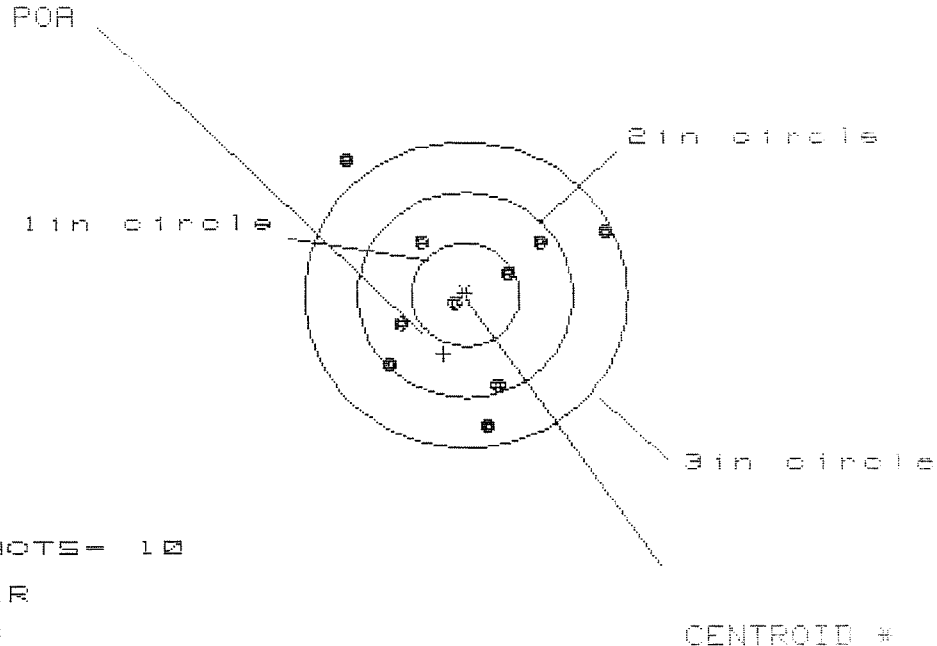
GS= 1.991

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.777	.790	.699
MINIMUM X	:	-.742	-.729	-.820
MAXIMUM Y	:	1.188	.633	.573
MINIMUM Y	:	-.683	-.551	-.611
CENTROID X	:	.495	.482	.573
CENTROID Y	:	.357	.225	.285
POA TO CENTROID in.	:	.611	.532	.640
MIN RADIUS	:	.199	.244	.151
MEAN RADIUS	:	.636	.570	.514
MAX RADIUS	:	1.193	.966	1.000
HORIZONTAL SPREAD	:	1.519	1.519	1.519
VERTICAL SPREAD	:	1.871	1.184	1.184
EXTREME SPREAD	:	1.991	1.684	1.684
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225095

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 7

3 in - 9

HS - 2.363

VS - 2.549

GS - 2.840

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.298	1.180	.732
MINIMUM X	-1.065	-.810	-.662
MAXIMUM Y	1.316	.727	.799
MINIMUM Y	-1.233	-1.087	-.996
CENTROID X	.204	.322	.174
CENTROID Y	.577	.431	.340
POA TO CENTROID in.	.612	.538	.382
MIN RADIUS	.119	.211	.162
MEAN RADIUS	.910	.822	.732
MAX RADIUS	1.693	1.386	1.083
HORIZONTAL SPREAD	2.363	1.990	1.394
VERTICAL SPREAD	2.549	1.814	1.795
EXTREME SPREAD	2.840	2.373	1.888
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

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: **RE00008593** Serial: C6225095 Model 700 Center Fire Caliber: 7.62 M-24 (SWS) Repairman: Status: Closed 4/27/00 8:53:31 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **2/7TH SPECIAL FORCES GROUP (A)** **2/7TH SPECIAL FORCES GROUP (A)**

Address 1: **ATTN: S4, BLDG. E-3323** **ATTN: S4, BLDG. E-3323**

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

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud. & SWIVEL	2
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

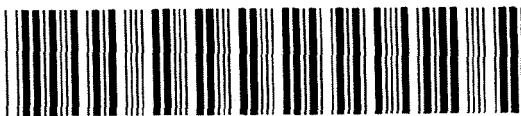
maglej 4/27/00 12:50 PM CAPS NUM INS SCRL

Start Inb... Na... SA... Ex... Mi... A... Pa... Mi... Pri...

12:50 PM

Serial Number: **C6225095**

Model: **700**



RE00008593

Scope 5/4 88-0452

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

R & E NUMBER			
SERIAL NUMBER		C6225095	
LOG-IN DATE		5-11-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-25-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-22-00	RW
605	CHECK HEADSPACE	5-22-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	5-29-00	RW
655	FINAL INSPECT	5-25-00	RW
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

S.N.:

DATE REC'D:

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-350
- ☒ 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 0048796

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225095
24 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0564
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0908
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106891

THE AMR FOR THIS RIFLE IS: 1.242

CENTROIDAL DISTANCES

0 TO	1	.315573
1 TO	2	.705992
1 TO	3	.372592
1 TO	4	.429337
1 TO	5	.229578

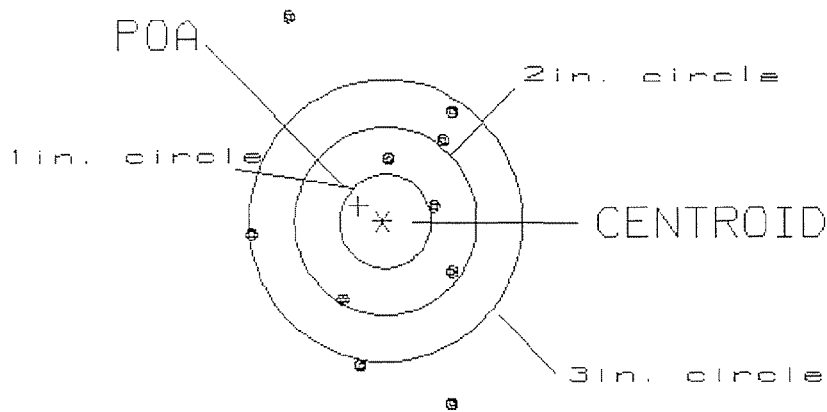
2 4 ³/₅ 1 <----POA

PATTERN #: 011
 POA TO CENTROID: .316
 MIN RADIUS : .533
 MEAN RADIUS : 1.304
 MAX RADIUS : 2.405
 CENTROID X : .269
 CENTROID Y : -.165

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225095

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.18

0

VS= 4.11

4

GS= 4.48

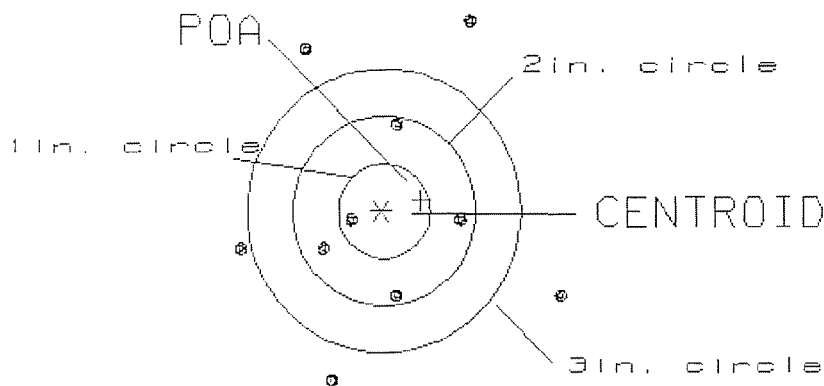
7

PATTERN #: 020
 POA TO CENTROID: .449
 MIN RADIUS : .400
 MEAN RADIUS : 1.350
 MAX RADIUS : 2.221
 CENTROID X : -.435
 CENTROID Y : -.112

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225095

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.48

1

VS= 3.75

5

GS= 4.07

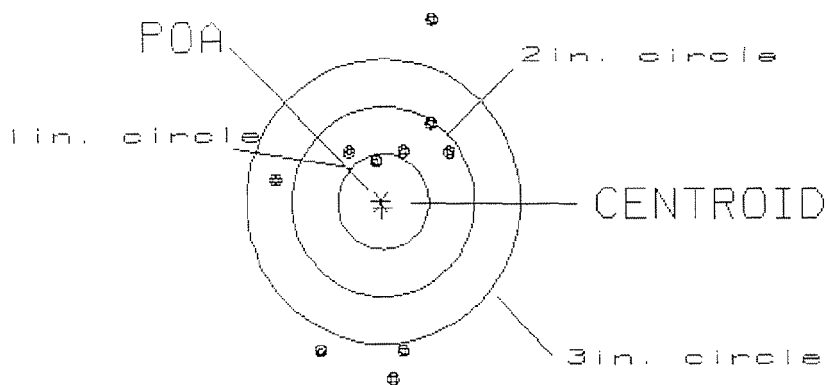
5

PATTERN #: 3
 POA TO CENTROID: .076
 MIN RADIUS : .410
 MEAN RADIUS : 1.199
 MAX RADIUS : 2.046
 CENTROID X : -.016
 CENTROID Y : .075

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.88

1

VS= 3.88

4

GS= 3.90

6

REMINGTON CENTERFIRE ACCURACY TEST

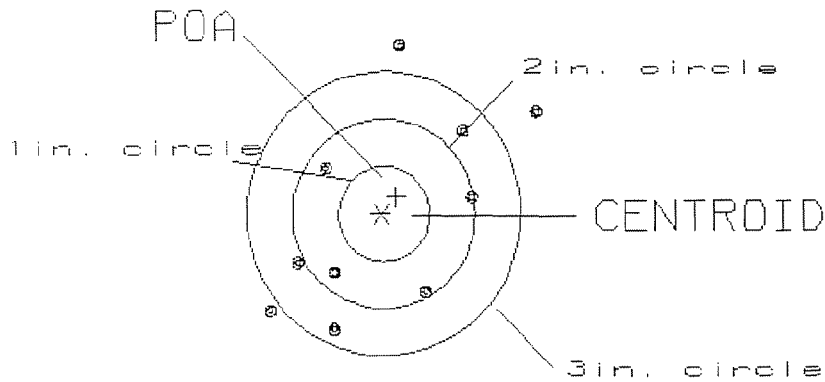
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .242
 MIN RADIUS : .799
 MEAN RADIUS : 1.274
 MAX RADIUS : 1.960
 CENTROID X : -.160
 CENTROID Y : -.182

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.91

0

VS= 2.98

4

GS= 3.62

7

REMINGTON CENTERFIRE ACCURACY TEST

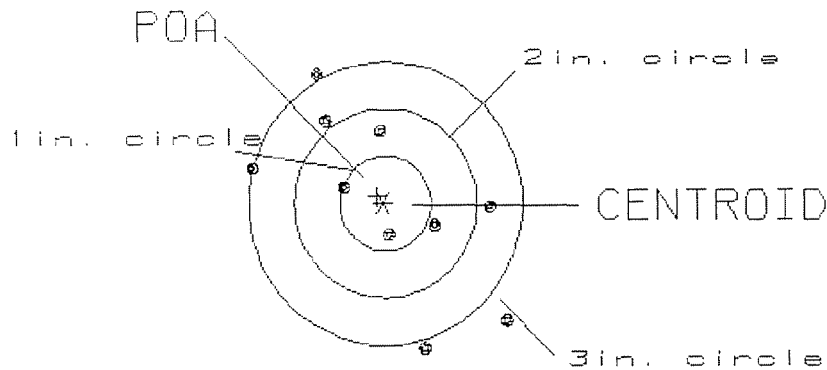
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .092
 MIN RADIUS : .313
 MEAN RADIUS : 1.082
 MAX RADIUS : 1.794
 CENTROID X : .060
 CENTROID Y : -.070

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CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.75

2

VS= 2.92

4

GS= 3.31

7