

C6225092

MODEL 700™ M24

Model **700 M24™**

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

07/17/08 08:10:10

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: RE00147680

Serial: C6225092 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/17/2008 6:22:35 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: PBO 1/75 RANGER REGIMENT

PBO 1/75 RANGER REGIMENT

Address 1: ATTN: WO1 CURTIS B MATHIS

ATTN: WO1 CURTIS B MATHIS

Address 2: 1036 LIBERATOR RD

PO Box:

1036 LIBERATOR RD

PO Box:

City: HUNTER AAF

HUNTER AAF

State: GA

Zip Code: 31409

Country: US

State: GA

Zip Code: 31409

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2008

8:10 AM

CAPS

NUM

INS

SCRL



8:10 AM

Reset

Number: C6225092

Model: M24 SWS



RE00147680

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

R & E NUMBER 147680
 SERIAL NUMBER C6225092
 LOG-IN DATE 7-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-29-08	RTZ
505	RE-BARREL	9-30-08	RTZ
560	ASSEMBLE	9-20-08	RTZ
600	PROOF	10-2-08	RTZ
605	CHECK HEADSPACE	10-2-08	RTZ
610	DIS-ASSEMBLE GUN	10-2-08	RTZ
612	MAGNAFLUX	10/8/08	RTZ
510	DRILL AND TAP	10-6-08	RTZ
615	ROLLMARK CALIBER	10/8/08	RTZ
618	ROTO-BLAST	10/8	RTZ
620	APPLY COATINGS	10/11	RTZ
625	FINAL ASSEMBLY	10-14-08	RTZ
640	FUNCTION TEST AND	10-15-08	TL
650	TARGET	10-15-08	TL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-22-08	RTZ
	A) HEADSPACE	10-22-08	RTZ
	B) TRIGGER PULL	2.11 2.16 2.13 2.13 2.13	10-17-08 TL
680	F) SAFETY ON FORCE	2.5 3.5 3.0	10-22-08 RTZ
	G) SAFETY OFF FORCE	6.0 6.0 5.0	10-22-08 RTZ
	I) FIRING PIN INDENT	.022 .022 .022	10-22-08 RTZ
690	PACK	10/23/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225092.___0
FILE DATE AND TIME: 10/16/2008 06:45

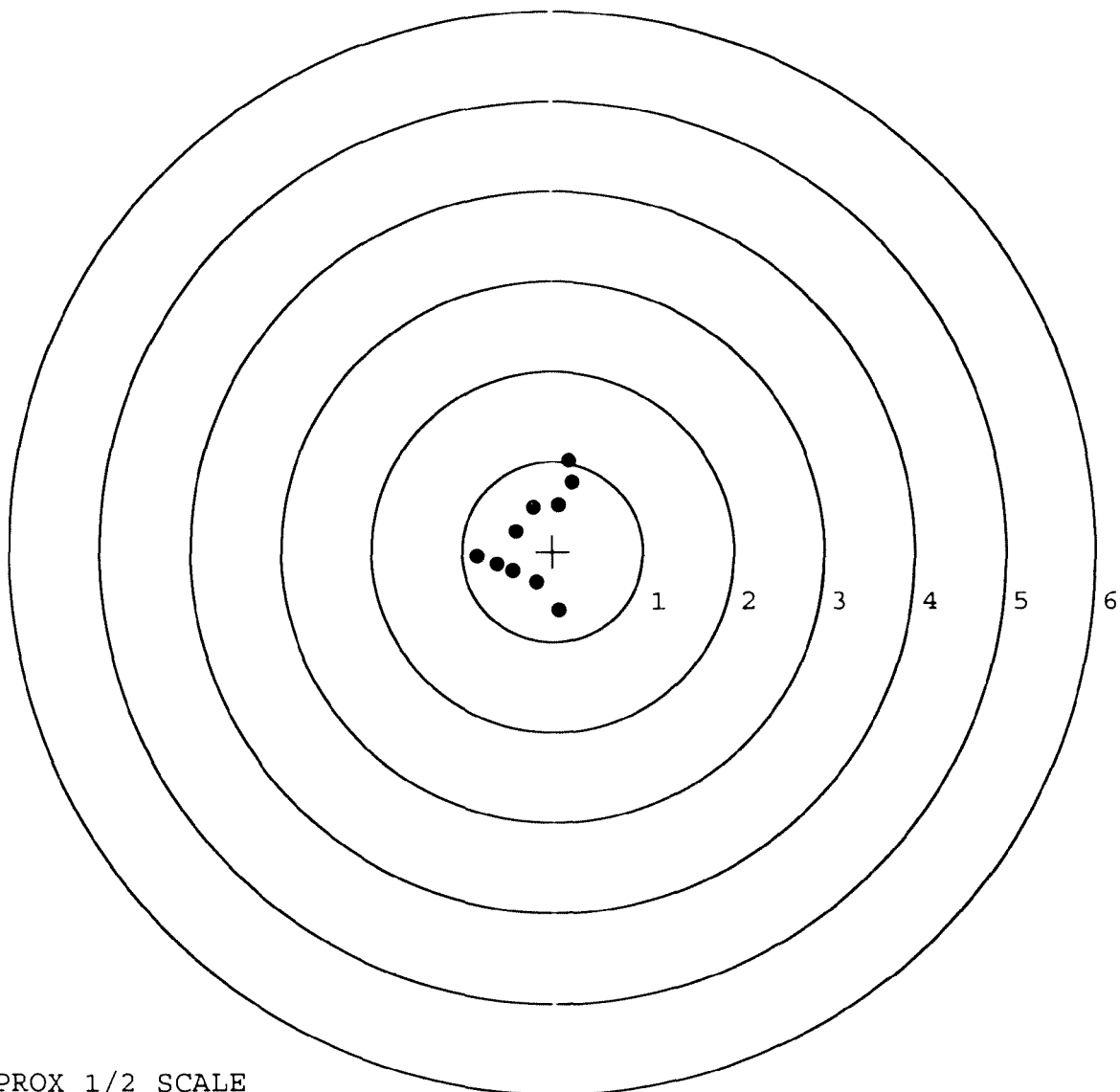
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.059
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.520
The Distance from POA to Centroid Target #1:	0.265
The Distance from Centroid Target #2 to Centroid Target #1:	0.060
The Distance from Centroid Target #3 to Centroid Target #1:	0.667
The Distance from Centroid Target #4 to Centroid Target #1:	0.093
The Distance from Centroid Target #5 to Centroid Target #1:	0.370

SERIAL NUMBER: C6225092.___0
TARGET NUMBER: 1
FILE DATE: 10/16/2008
FILE TIME: 06:45

POINT#	X	Y
1:	0.187	1.007
2:	0.221	0.776
3:	0.071	0.518
4:	-0.209	0.490
5:	-0.402	0.222
6:	-0.827	-0.057
7:	-0.609	-0.141
8:	-0.436	-0.219
9:	-0.176	-0.341
10:	0.067	-0.658

X CENTROID: -0.211
Y CENTROID: 0.160
POA TO CENTROID: 0.265
HORZ SPREAD: 1.048
VERT SPREAD: 1.665
GROUP SPREAD: 1.669
MIN RADIUS: 0.201
MAX RADIUS: 0.936
MEAN RADIUS: 0.563
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

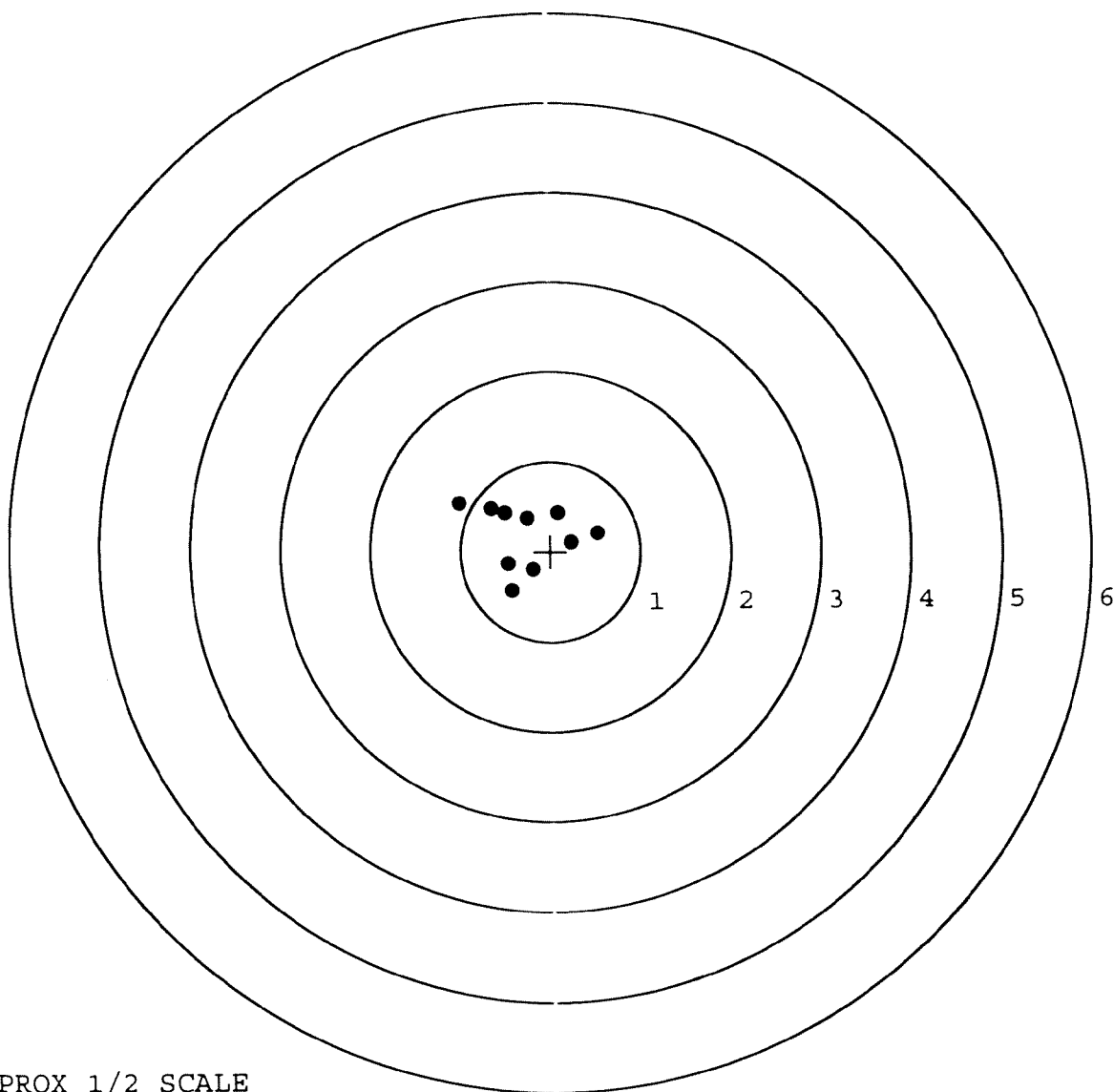


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225092. 0
TARGET NUMBER: 2
FILE DATE: 10/16/2008
FILE TIME: 06:45

X CENTROID: -0.269
Y CENTROID: 0.177
POA TO CENTROID: 0.322
HORZ SPREAD: 1.537
VERT SPREAD: 0.979
GROUP SPREAD: 1.574
MIN RADIUS: 0.195
MAX RADIUS: 0.827
MEAN RADIUS: 0.498
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.430	-0.439
2:	-0.469	-0.136
3:	-0.200	-0.204
4:	0.525	0.202
5:	0.233	0.102
6:	0.080	0.428
7:	-0.256	0.372
8:	-0.502	0.430
9:	-0.655	0.479
10:	-1.012	0.540

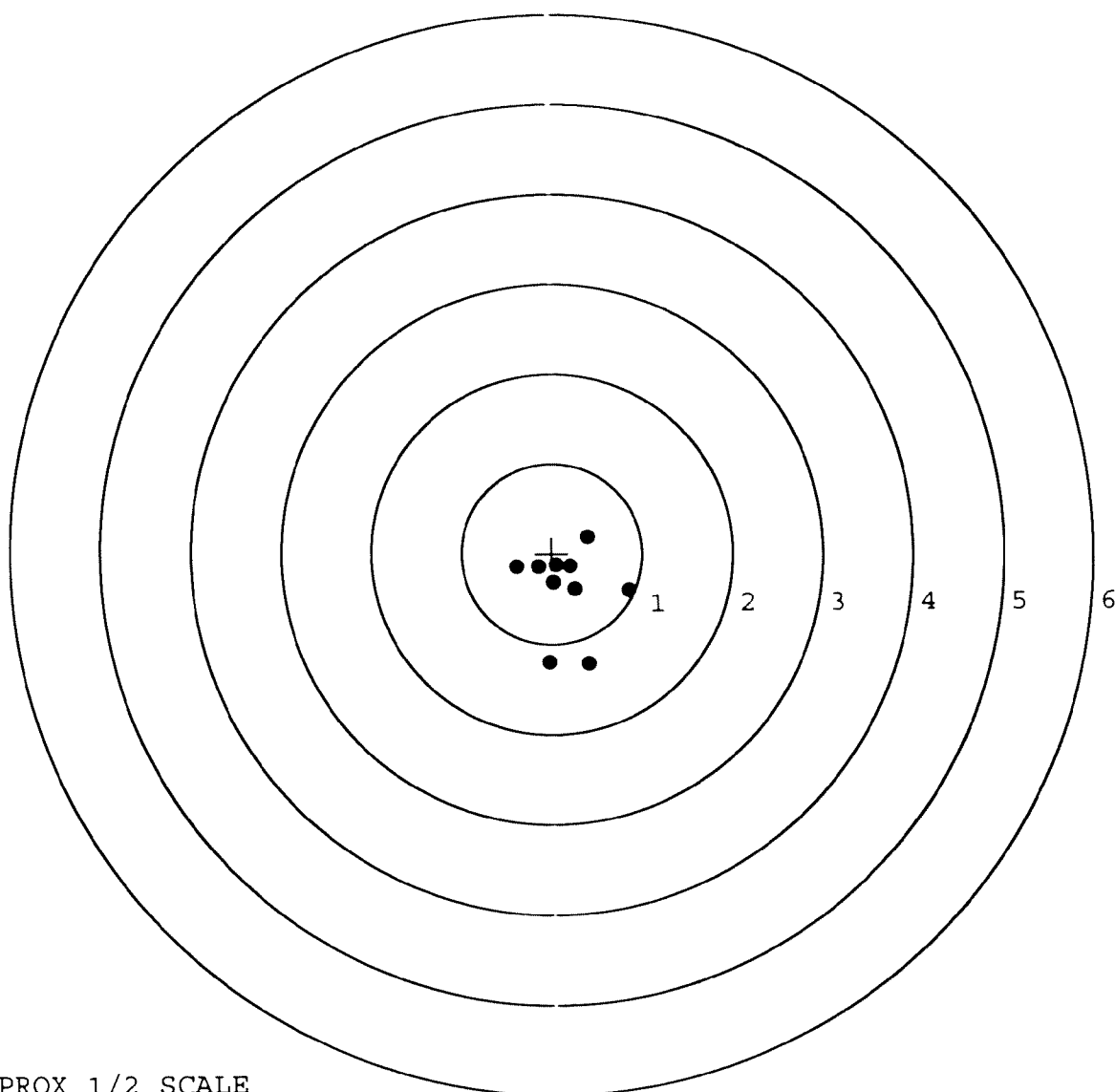


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225092. __0
TARGET NUMBER: 3
FILE DATE: 10/16/2008
FILE TIME: 06:45

POINT#	X	Y
1:	-0.038	-1.210
2:	0.401	-1.222
3:	0.850	-0.411
4:	0.397	0.186
5:	0.201	-0.144
6:	0.259	-0.397
7:	0.052	-0.127
8:	0.016	-0.322
9:	-0.151	-0.149
10:	-0.393	-0.151

X CENTROID: 0.159
Y CENTROID: -0.395
POA TO CENTROID: 0.426
HORZ SPREAD: 1.243
VERT SPREAD: 1.408
GROUP SPREAD: 1.408
MIN RADIUS: 0.100
MAX RADIUS: 0.862
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

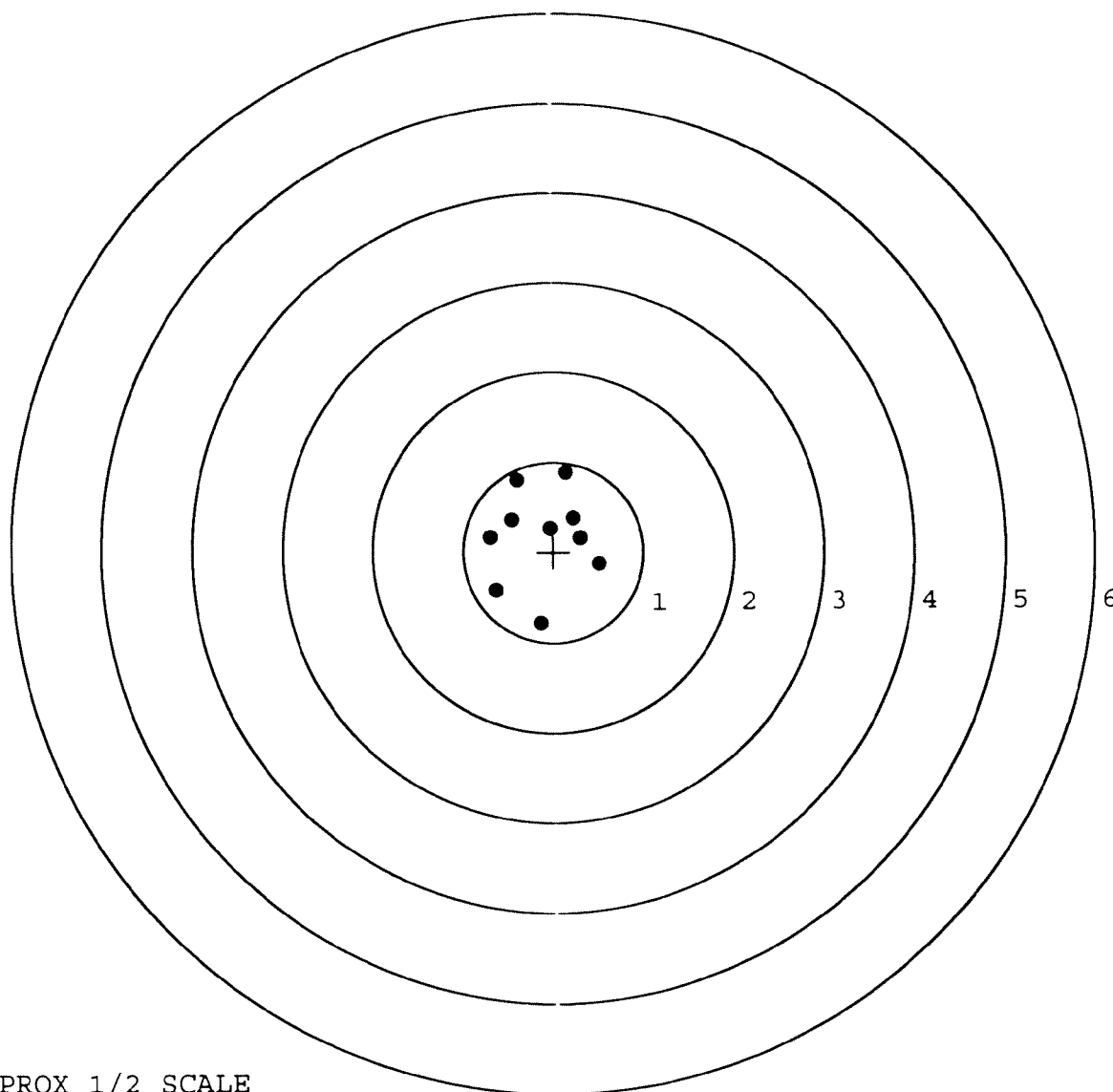


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225092. __0
TARGET NUMBER: 4
FILE DATE: 10/16/2008
FILE TIME: 06:45

X CENTROID: -0.118
Y CENTROID: 0.164
POA TO CENTROID: 0.202
HORZ SPREAD: 1.209
VERT SPREAD: 1.675
GROUP SPREAD: 1.700
MIN RADIUS: 0.129
MAX RADIUS: 0.954
MEAN RADIUS: 0.582
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.142	-0.789
2:	-0.640	-0.430
3:	-0.696	0.163
4:	-0.454	0.357
5:	-0.396	0.796
6:	0.146	0.886
7:	-0.037	0.265
8:	0.221	0.374
9:	0.303	0.159
10:	0.513	-0.137

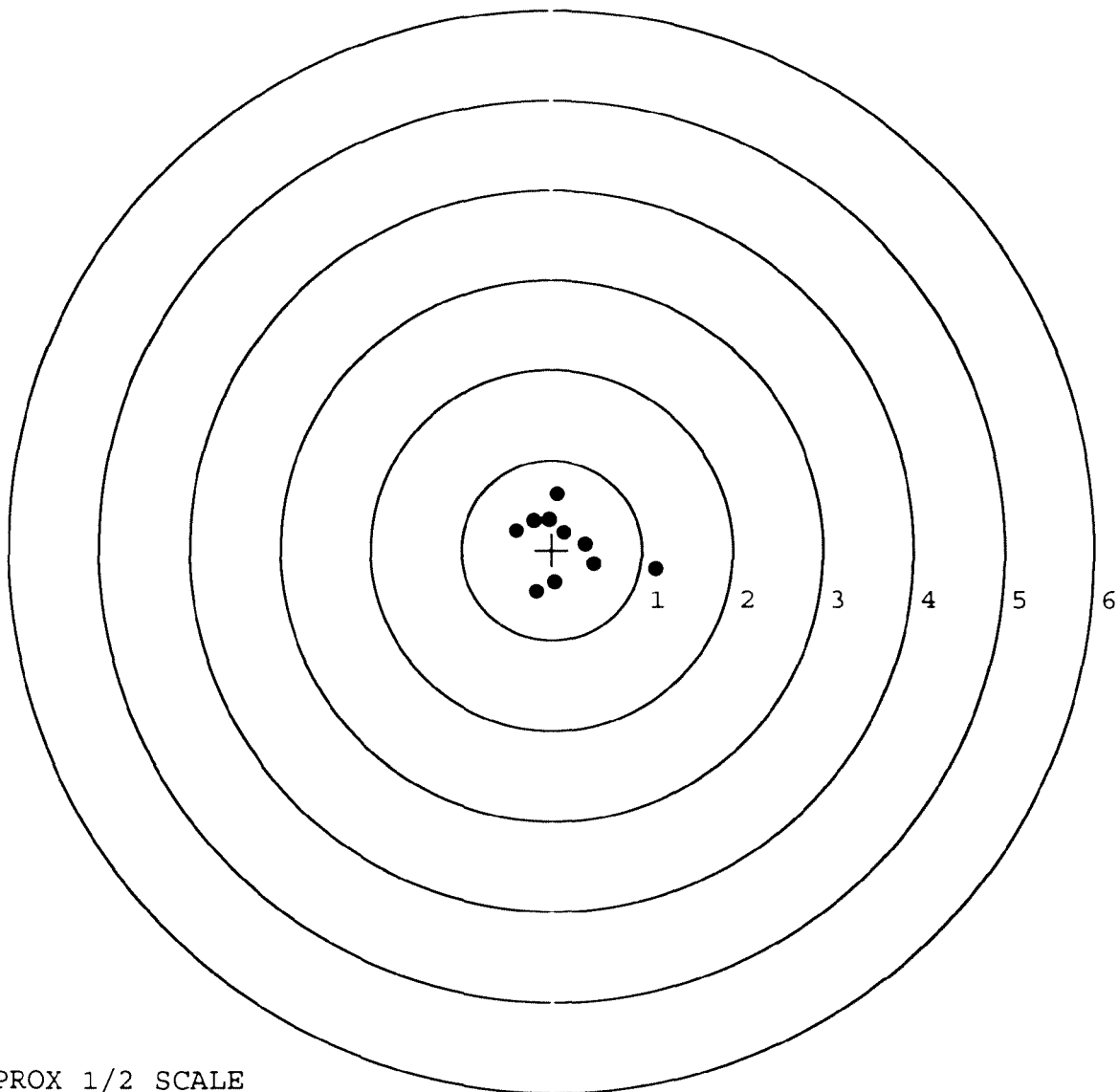


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225092. __0
TARGET NUMBER: 5
FILE DATE: 10/16/2008
FILE TIME: 06:45

X CENTROID: 0.144
Y CENTROID: 0.057
POA TO CENTROID: 0.155
HORZ SPREAD: 1.541
VERT SPREAD: 1.089
GROUP SPREAD: 1.600
MIN RADIUS: 0.142
MAX RADIUS: 1.045
MEAN RADIUS: 0.475
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.152	-0.217
2:	0.036	-0.365
3:	-0.172	-0.468
4:	-0.389	0.215
5:	-0.198	0.333
6:	-0.029	0.341
7:	0.066	0.621
8:	0.137	0.199
9:	0.368	0.068
10:	0.470	-0.155



TARGET APPROX 1/2 SCALE

M-24

S CODE #
1098

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225092

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 12 88	FB
600	Proof		9 19 88	RW
607	Check Headspace		9 19 88	RW
610	Dis-assemble Gun		9 19 88	RW
612	Magnaflux Barrel Action		9-22-88	RFL
	Magnaflux Bolt		9-22-88	RFL
615	Rollmark Caliber		10/12	WC
617	Drill and Tap Sight Holes		10/12	FB
618	Polish Barrel		10/20	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/14/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/14/88	RW
	C) Inspect Ejector Hole for Chamfer		11/14/88	RW
	D) Oil Firing Pin Ass'y		11/14/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/10/88	JS

op. #	OP. NAME	READINGS			DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5	16/11/88	JS
	G) Safety Off Force	3	3	3	16/11/88	JS
	H) Trigger Pull Test & Retainability				15/11/88	JS
	I) Firing Pin Indent	.021	.021	.021	16/11/88	JS
	J) Assemble Stock				11/16/88	RW
	K) Assemble Swivel Studs				1 Dec 88	JS
	L) Attach Front and Rear Sight Assemblies				11/16/88	RW
	M) Iron Sight Alignment				11/16/88	RW
	N) Detach Front & Rear Sights & place in numbered container				11/16/88	RW
	O) Attach Scope to Rifle				11/18/88	WCB
	P) Detach & Attach Scope 20 Times				11/18/88	WCB
640	Gallery Target & Test	73 R	78 L		11/29/88	D/H
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope				11/29/88	D/H
645	Inspect for Live Ammo				11/29/88	D/H
655	Final Inspection					
	A) Headspace				1 Dec 88	JS
	B) Trigger Pull	2.45	2.45	2.43	1 Dec 88	JS
	C) Function				1 Dec 88	JS
660	Pack				15 Dec 88	JS.

0.2
SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225092

DATE 15 NOV 88

TESTER KJS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.16	2.46	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.17	2.46	2.45	
PULL #3	2.24	2.11	2.42	2.43	
PULL #4	2.20	2.20	2.39	2.53	
PULL #5	2.20	2.23	2.50	2.46	
TOTAL	11.17	10.87	12.23	12.32	
AVG.	2.234	2.174	2.446	2.464	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.20		
PULL #2	3.14	3.14		
PULL #3	3.11	3.16		
PULL #4	3.16	3.17		
PULL #5	3.21	3.16		
TOTAL	15.75	15.83		
AVG.	3.15	3.166		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.21		4.41
PULL #2	4.05	4.17		4.37
PULL #3	4.07	4.15		4.43
PULL #4	4.09	4.05		4.30
PULL #5	4.02	4.07		4.37
TOTAL	20.30	20.65		21.88
AVG.	4.06	4.13		4.376

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225092

CENTROIDAL DISTANCES

Ø TO	1	.560308
1 TO	2	.546853
1 TO	3	.414904
1 TO	4	.171479
1 TO	5	.394645

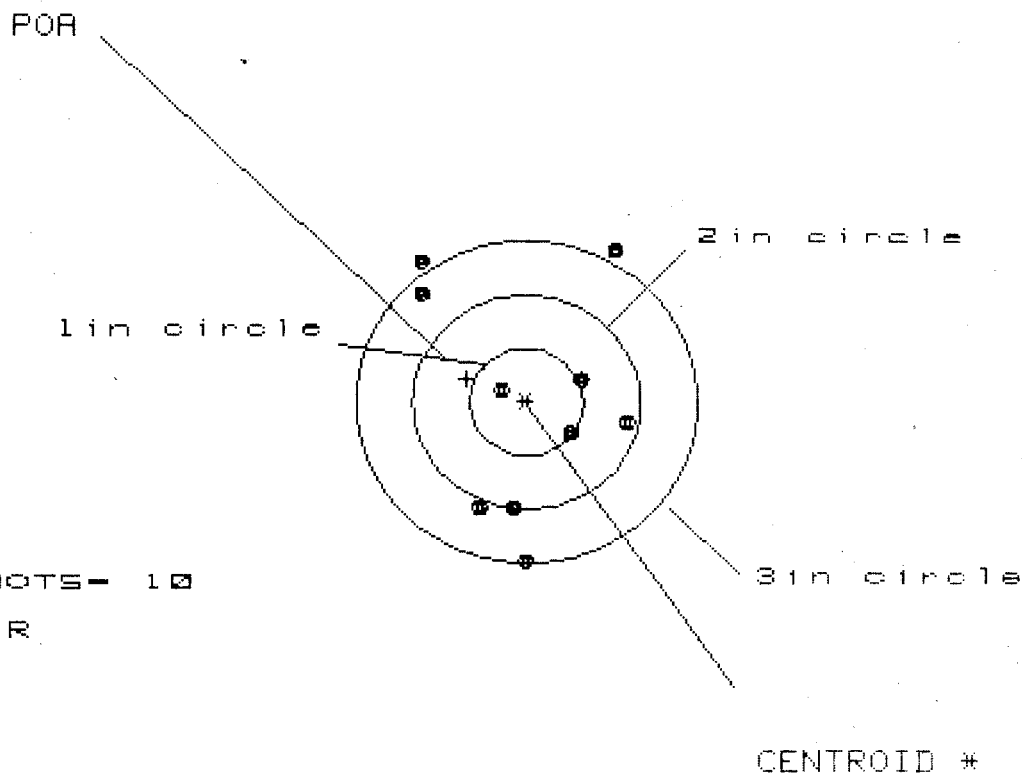
+ 49 <----POA
5
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5786
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3962
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .701251
THE AMR FOR THIS RIFLE IS: 1.102

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225092

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in - 8

HS- 1.796

VS= 2.871

GS= 2.995

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.852	.941	.838
MINIMUM X	:	-.944	-.855	-.958
MAXIMUM Y	:	1.394	1.429	1.345
MINIMUM Y	:	-1.477	-1.322	-1.143
CENTROID X	:	.517	.428	.531
CENTROID Y	:	-.216	-.371	-.550
POA TO CENTROID in.	:	.561	.566	.764
MIN RADIUS	:	.199	.254	.396
MEAN RADIUS	:	1.028	.957	.841
MAX RADIUS	:	1.611	1.650	1.651
HORIZONTAL SPREAD	:	1.796	1.796	1.796
VERTICAL SPREAD	:	2.871	2.751	2.488
EXTREME SPREAD	:	2.995	2.885	2.646
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225092

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.830

VS= 2.504

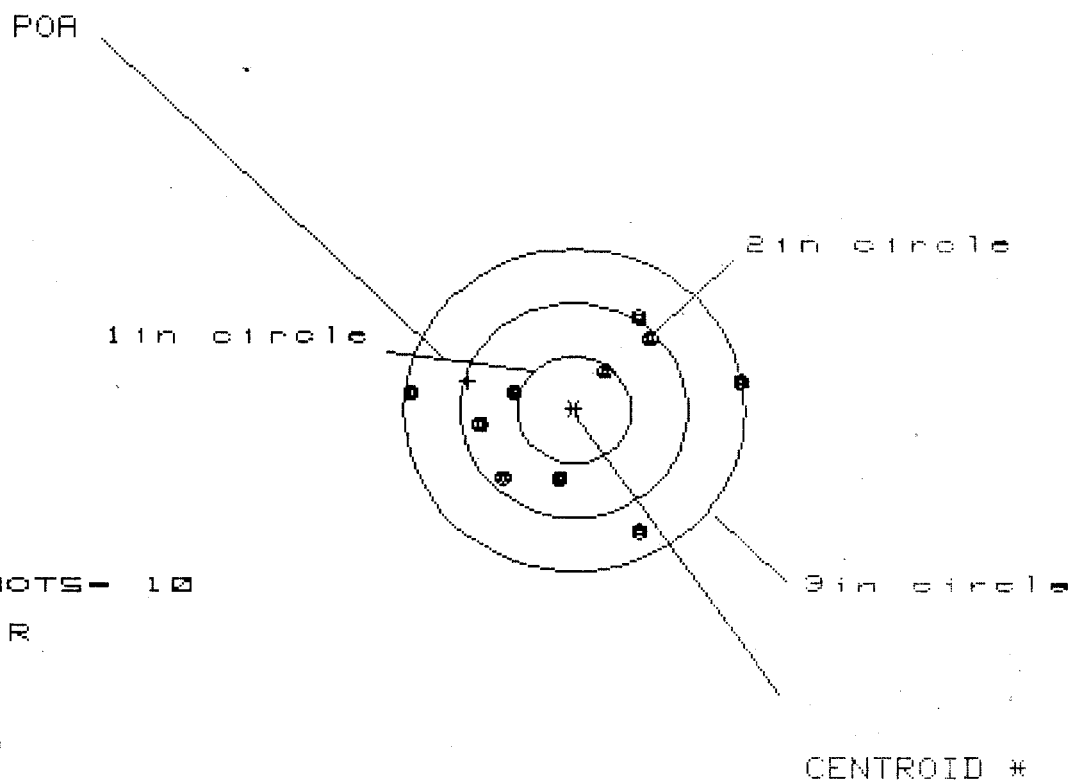
GS= 3.078

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.691	.880	.832
MINIMUM X	:	-1.139	-.951	-.999
MAXIMUM Y	:	1.006	1.072	.893
MINIMUM Y	:	-1.497	-1.432	-.961
CENTROID X	:	.615	.427	.475
CENTROID Y	:	-.754	-.819	-.640
POA TO CENTROID in.	:	.973	.924	.797
MIN RADIUS	:	.347	.270	.170
MEAN RADIUS	:	1.014	.913	.806
MAX RADIUS	:	1.790	1.483	1.208
HORIZONTAL SPREAD	:	2.830	1.831	1.831
VERTICAL SPREAD	:	2.504	2.504	1.854
EXTREME SPREAD	:	3.078	2.544	2.213
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225092

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.884

VS= 1.964

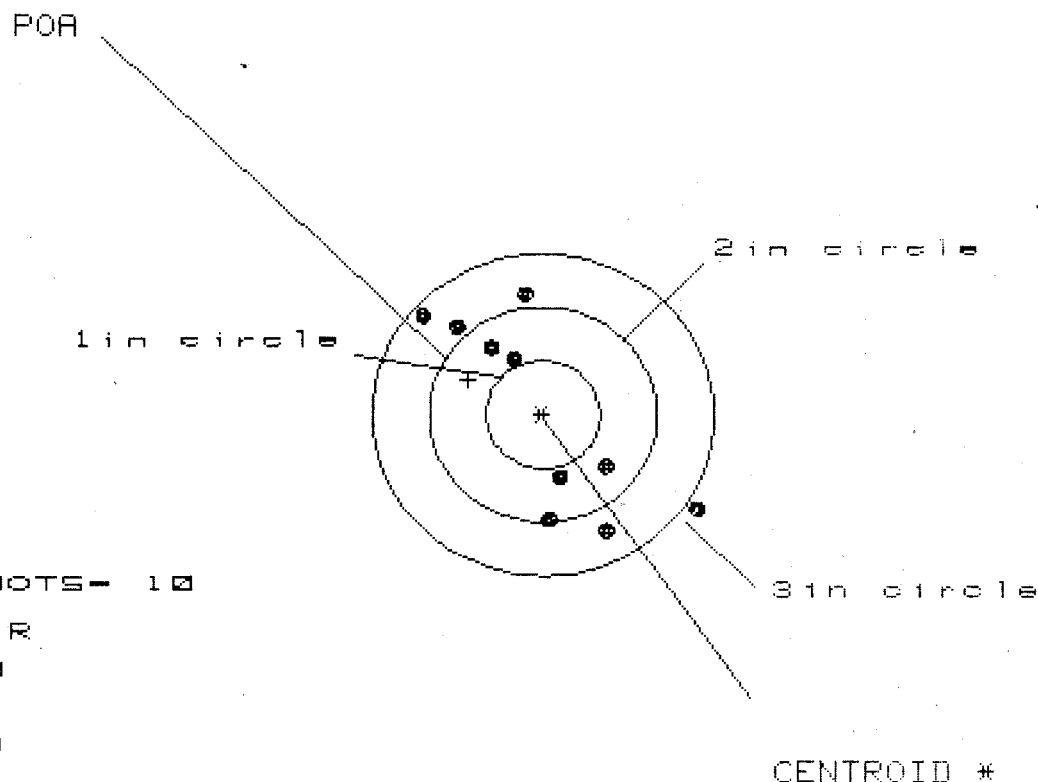
GS= 2.886

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.500	.822	.670
MINIMUM X	:	-1.384	-1.217	-.804
MAXIMUM Y	:	.877	.905	.925
MINIMUM Y	:	-1.087	-1.059	-1.039
CENTROID X	:	.929	.762	.914
CENTROID Y	:	-.265	-.293	-.313
POA TO CENTROID in.	:	.966	.816	.967
MIN RADIUS	:	.435	.469	.482
MEAN RADIUS	:	.951	.866	.823
MAX RADIUS	:	1.521	1.283	1.186
HORIZONTAL SPREAD	:	2.884	2.039	1.474
VERTICAL SPREAD	:	1.964	1.964	1.964
EXTREME SPREAD	:	2.886	2.296	1.964
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225092

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.463

VS= 2.224

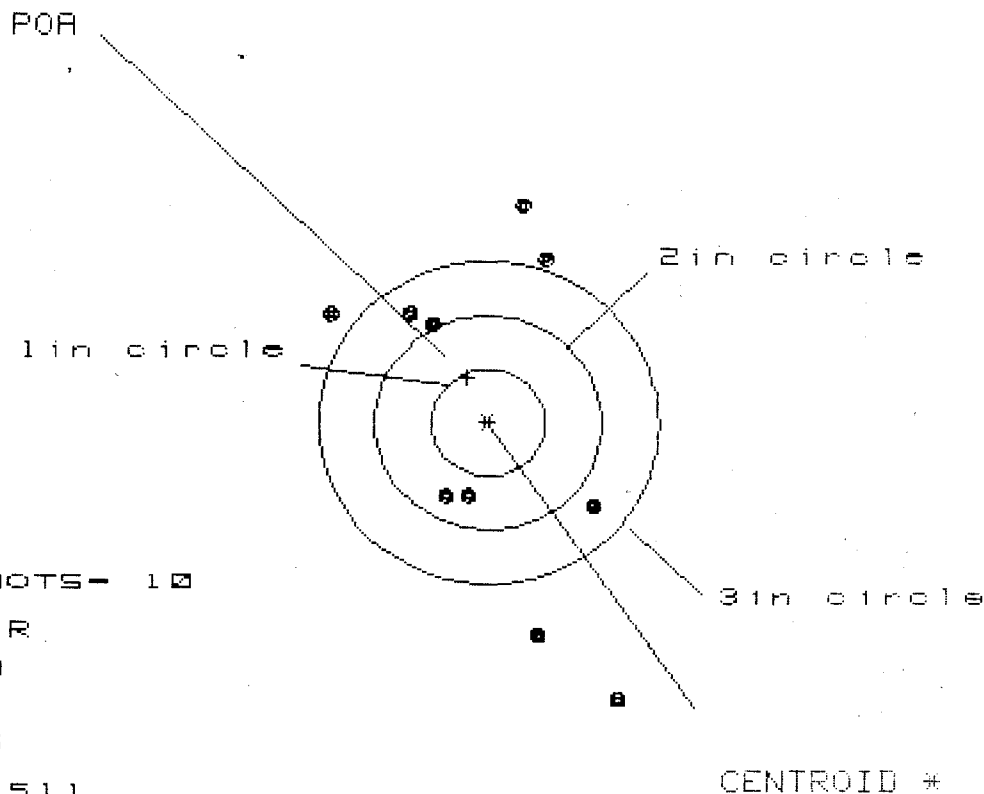
GS= 3.015

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.393	.718	.604
MINIMUM X	:	-1.070	-.916	-.716
MAXIMUM Y	:	1.144	1.048	1.145
MINIMUM Y	:	-1.080	-1.176	-1.079
CENTROID X	:	.651	.497	.611
CENTROID Y	:	-.323	-.227	-.324
POA TO CENTROID in.	:	.727	.546	.692
MIN RADIUS	:	.554	.416	.540
MEAN RADIUS	:	1.006	.917	.879
MAX RADIUS	:	1.640	1.354	1.214
HORIZONTAL SPREAD	:	2.463	1.634	1.320
VERTICAL SPREAD	:	2.224	2.224	2.224
EXTREME SPREAD	:	3.015	2.517	2.317
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225092

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 0

2in - 2

3in - 5

HS- 2.511

VS- 4.608

GS- 4.683

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.130	1.013	1.066
MINIMUM X	:	-1.381	-1.255	-1.202
MAXIMUM Y	:	2.050	1.766	1.498
MINIMUM Y	:	-2.558	-2.237	-2.016
CENTROID X	:	.181	.055	.003
CENTROID Y	:	-.423	-.139	-.360
POR TO CENTROID in.	:	.460	.150	.360
MIN RADIUS	:	.698	.769	.732
MEAN RADIUS	:	1.512	1.337	1.262
MAX RADIUS	:	2.796	2.295	2.094
HORIZONTAL SPREAD	:	2.511	2.268	2.268
VERTICAL SPREAD	:	4.608	4.003	3.514
EXTREME SPREAD	:	4.683	4.004	3.516
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	5		

[illegible]

Final Inspection

In: C6245092

DATE REC'D: 6/22/94

DATE RET'D:

EDITOR: AM

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:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225092

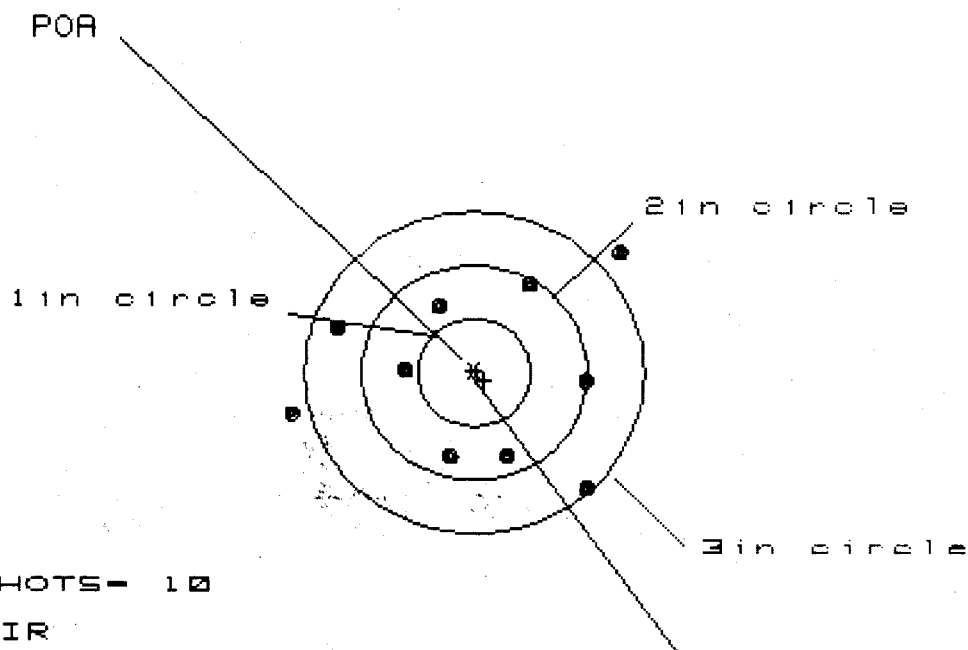
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		6/25/94	RW
600	Proof		6/28/94	RW
607	Check Headspace		6/28/94	RW
610	Dis-assemble Gun		6/28/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/20/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/20/94	RW
	C) Inspect Ejector Hole for Chamfer		7/20/94	RW
	D) Oil Firing Pin Ass'y		7/20/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/20/94	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						7/21/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						7/21/94	RW
655	Final Inspection							
	A) Headspace						7/23/94	RW
	B) Trigger Pull	2.65	2.66	2.64	2.60	2.61	7/23/94	RW
	C) Function						7/23/94	RW
660	Pack							

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 0

2in - 6

3in = 8

HS= 2.881

VS= 2.203

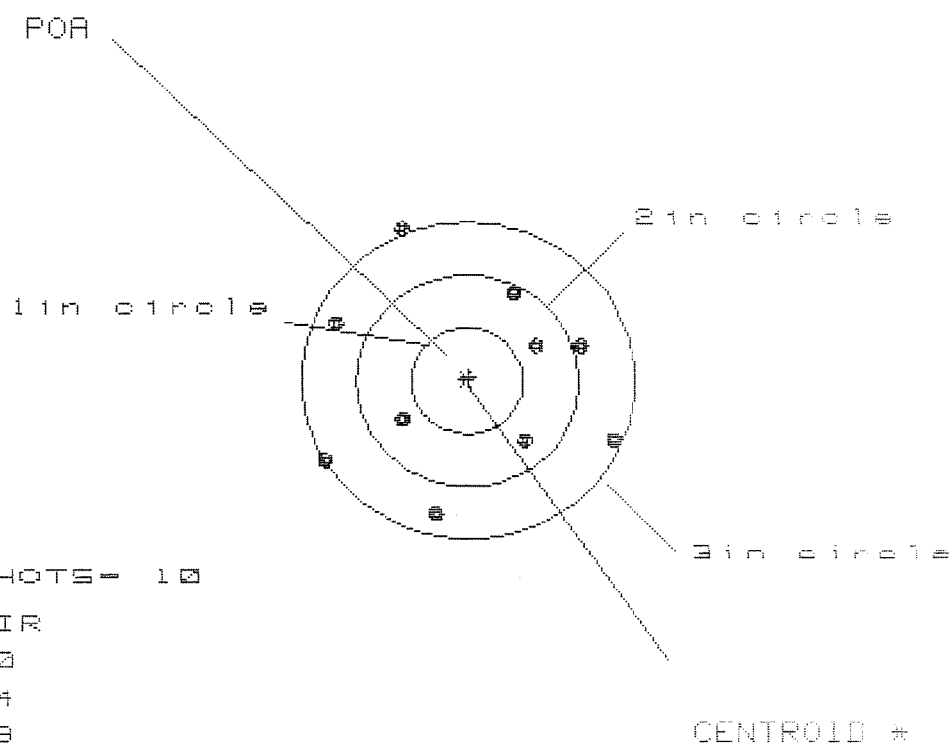
GS= 3.243

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.163	.978
MINIMUM X	:	-1.623	-1.483	-1.279
MAXIMUM Y	:	1.140	.965	.937
MINIMUM Y	:	-1.063	-.936	-.964
CENTROID X	:	-.086	-.226	-.041
CENTROID Y	:	.074	-.053	-.025
POA TO CENTROID in.	:	.114	.232	.048
MIN RADIUS	:	.581	.457	.633
MEAN RADIUS	:	1.089	1.004	.937
MAX RADIUS	:	1.698	1.500	1.390
HORIZONTAL SPREAD	:	2.881	2.646	2.257
VERTICAL SPREAD	:	2.203	1.901	1.901
EXTREME SPREAD	:	3.243	2.740	2.714
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 2

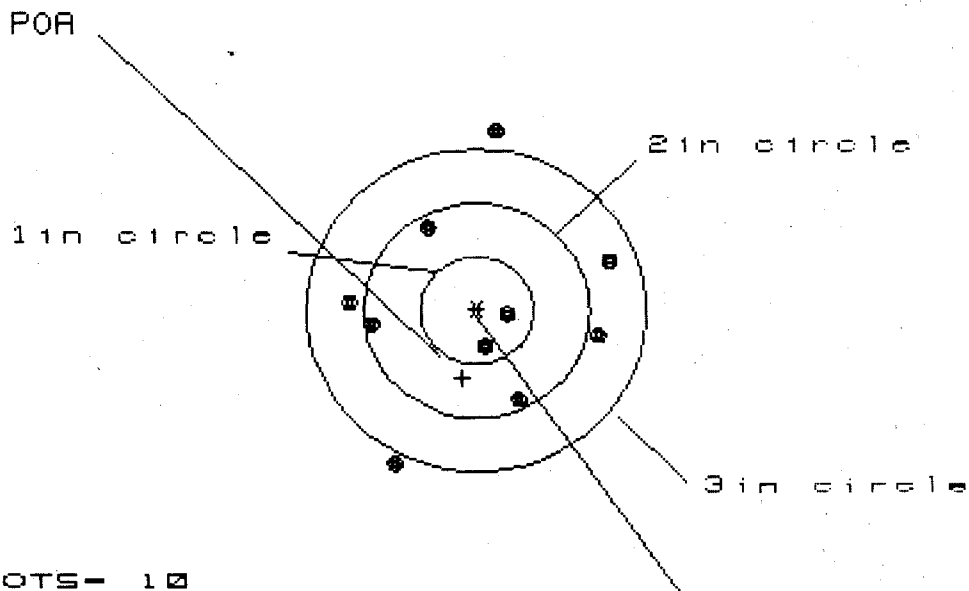


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.337	1.275	1.109
MINIMUM X	:	-1.267	-1.329	-1.377
MAXIMUM Y	:	1.471	1.032	.957
MINIMUM Y	:	-1.266	-1.102	-1.177
CENTROID X	:	-.014	.048	.214
CENTROID Y	:	-.041	-.205	-.130
POA TO CENTROID in.	:	.044	.210	.250
MIN RADIUS	:	.674	.654	.580
MEAN RADIUS	:	1.123	1.060	.984
MAX RADIUS	:	1.572	1.456	1.497
HORIZONTAL SPREAD	:	2.604	2.604	2.486
VERTICAL SPREAD	:	2.737	2.134	2.134
EXTREME SPREAD	:	2.777	2.704	2.704
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in = 8

HS- 2.281

VS= 3.145

GS= 3.270

CENTROID *

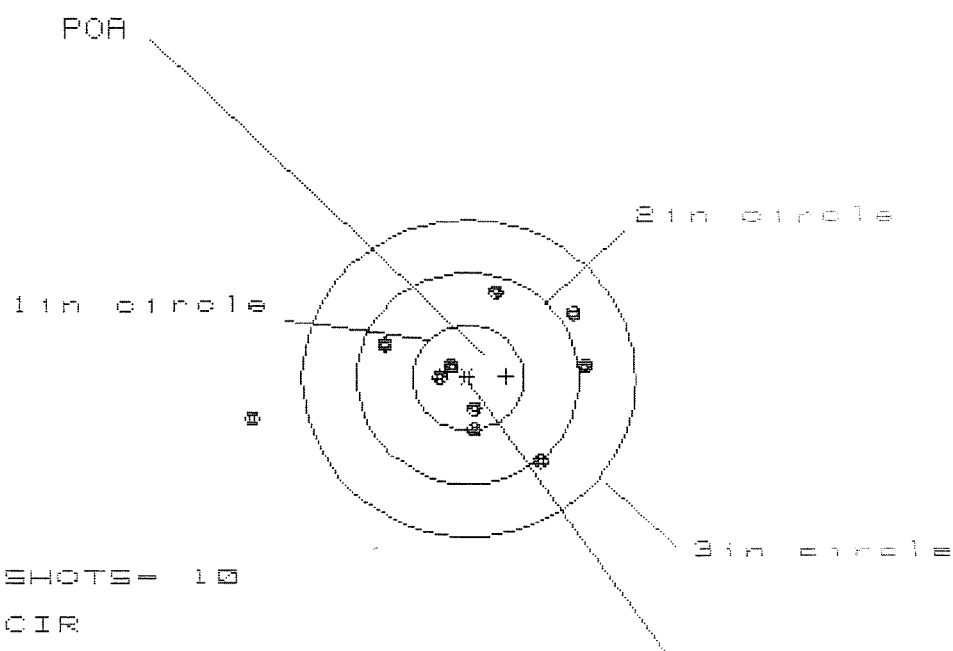
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.156	1.173	1.082
MINIMUM X	:	-1.125	-1.108	-1.199
MAXIMUM Y	:	1.699	.936	.779
MINIMUM Y	:	-1.446	-1.257	-.847
CENTROID X	:	.129	.112	.203
CENTROID Y	:	.630	.441	.598
POA TO CENTROID in.	:	.643	.455	.632
MIN RADIUS	:	.302	.175	.224
MEAN RADIUS	:	1.022	.924	.849
MAX RADIUS	:	1.706	1.453	1.213
HORIZONTAL SPREAD	:	2.281	2.281	2.281
VERTICAL SPREAD	:	3.145	2.193	1.626
EXTREME SPREAD	:	3.270	2.733	2.328
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	8		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 3.020

VS= 1.571

GS= 3.111

CENTROID #

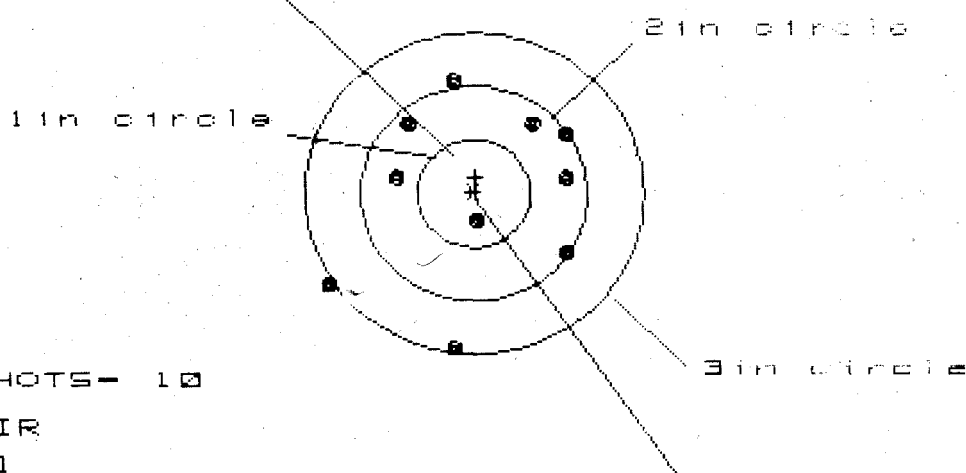
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.086	.871	.968
MINIMUM X	:	-1.934	-.944	-.847
MAXIMUM Y	:	.768	.724	.800
MINIMUM Y	:	-.802	-.847	-.771
CENTROID X	:	-.349	-.134	-.231
CENTROID Y	:	-.014	.030	-.046
POA TO CENTROID in.	:	.349	.137	.236
MIN RADIUS	:	.175	.362	.292
MEAN RADIUS	:	.807	.697	.628
MAX RADIUS	:	1.975	.987	.978
HORIZONTAL SPREAD	:	3.020	1.815	1.815
VERTICAL SPREAD	:	1.571	1.571	1.571
EXTREME SPREAD	:	3.111	1.826	1.826
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.128

VS= 2.468

GS= 2.526

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.866	.725	.679
MINIMUM X	:	-1.262	-.821	-.867
MAXIMUM Y	:	1.018	.929	.736
MINIMUM Y	:	-1.450	-1.539	-.866
CENTROID X	:	-.017	.124	.170
CENTROID Y	:	-.154	-.065	.128
POA TO CENTROID in.	:	.155	.140	.212
MIN RADIUS	:	.289	.398	.507
MEAN RADIUS	:	.852	.873	.762
MAX RADIUS	:	1.498	1.512	1.059
HORIZONTAL SPREAD	:	2.128	1.546	1.546
VERTICAL SPREAD	:	2.468	2.468	1.602
EXTREME SPREAD	:	2.526	2.468	1.884
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	