

06349148

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00105641**Serial: C6349148 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status:

Closed 12/22/2005 9:39:24 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **JEFF ODELL****JEFF ODELL**Address 1: **BLDG M433A LEWIS AVE****BLDG M433A LEWIS AVE**

Address 2:

PO Box:

PO Box:

City: **FORT DRUM****FORT DRUM**State: **NY**Zip Code: **13602**Country: **US**State: **NY**Zip Code: **13602**Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **315 774 3734**

Fax:

Email:

Comments: **REM FILE #004280**

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1

Repair Search

Refresh

Close

naglatj

12/27/2005

1:04 PM

CAPS

NUM

INS

SCPL

start



Arms Service R

Serial Number: **C6349148**Model: **M24 SWS****RE00105641**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349148.___0
FILE DATE AND TIME: 01/26/2006 12:59

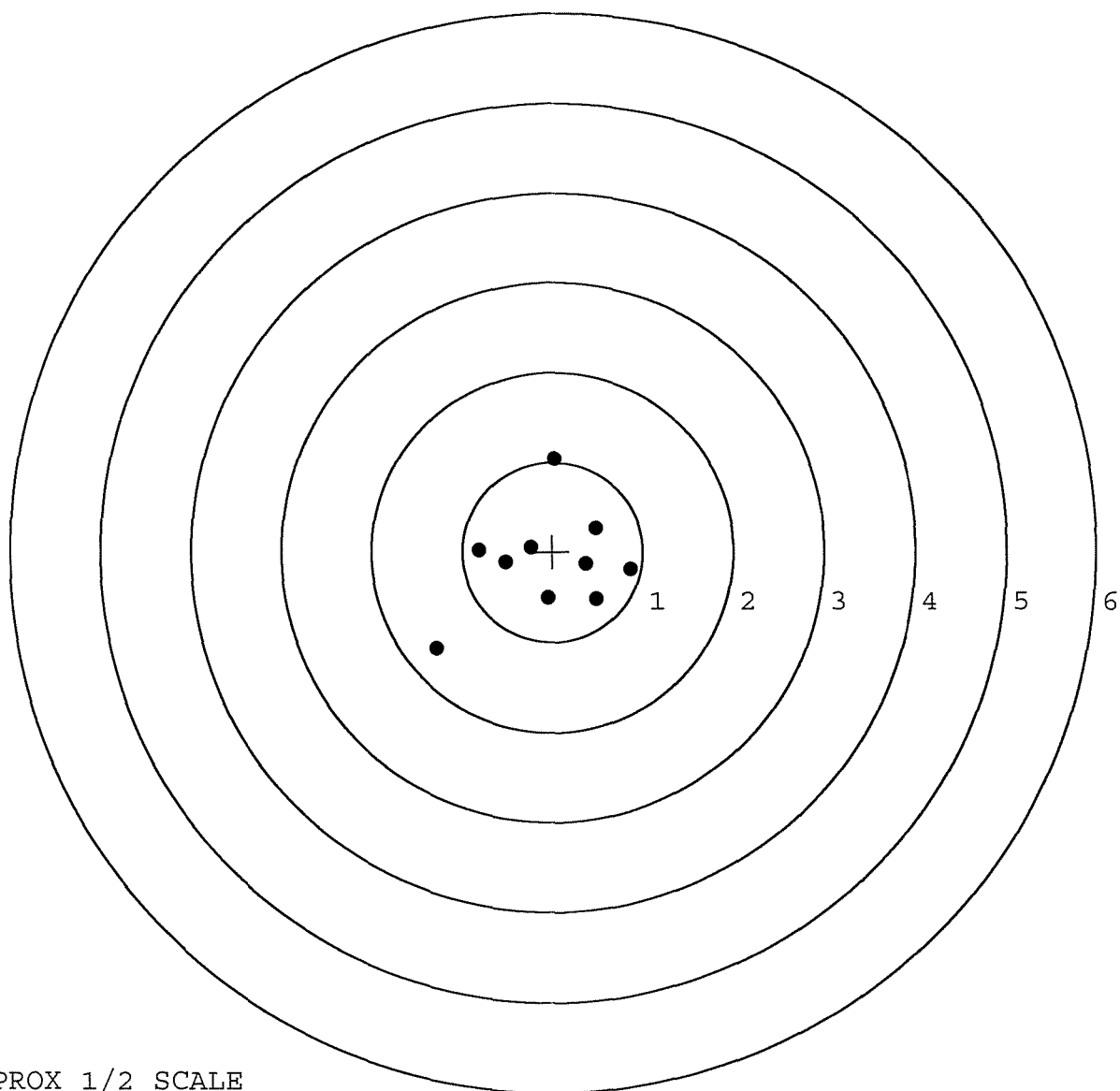
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.091
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.792
The Distance from POA to Centroid Target #1:	0.140
The Distance from Centroid Target #2 to Centroid Target #1:	0.305
The Distance from Centroid Target #3 to Centroid Target #1:	0.286
The Distance from Centroid Target #4 to Centroid Target #1:	0.335
The Distance from Centroid Target #5 to Centroid Target #1:	0.083

SERIAL NUMBER: C6349148. __0
 TARGET NUMBER: 1
 FILE DATE: 01/26/2006
 FILE TIME: 12:59

X CENTROID: -0.068
 Y CENTROID: -0.122
 POA TO CENTROID: 0.140
 HORZ SPREAD: 2.143
 VERT SPREAD: 2.108
 GROUP SPREAD: 2.473
 MIN RADIUS: 0.246
 MAX RADIUS: 1.540
 MEAN RADIUS: 0.729
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.864	-0.200
2:	0.492	-0.532
3:	0.370	-0.139
4:	-0.048	-0.518
5:	0.482	0.263
6:	-0.243	0.052
7:	-0.521	-0.120
8:	-0.814	0.016
9:	-1.279	-1.074
10:	0.015	1.034

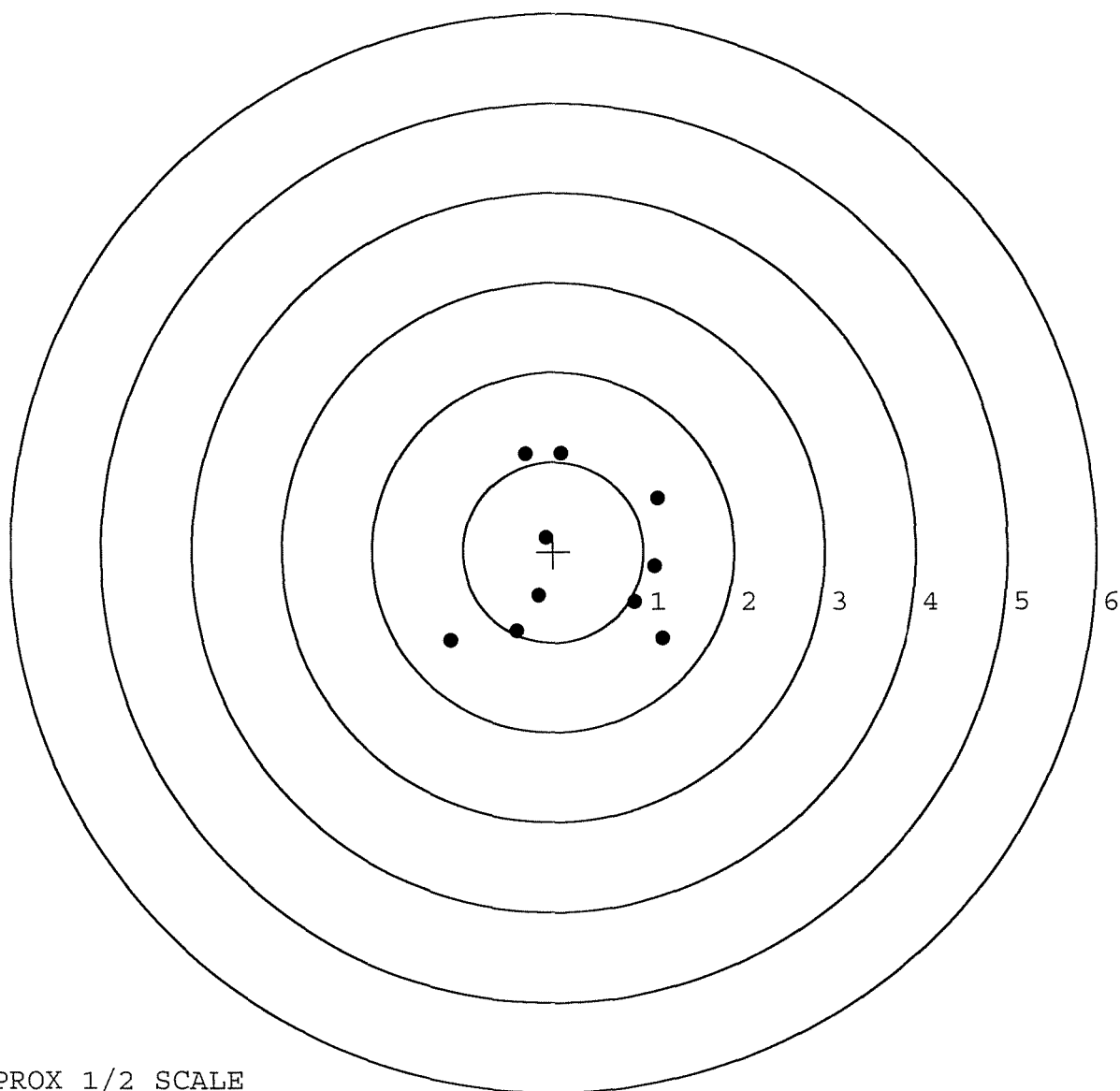


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349148. __0
 TARGET NUMBER: 2
 FILE DATE: 01/26/2006
 FILE TIME: 12:59

X CENTROID: 0.237
 Y CENTROID: -0.110
 POA TO CENTROID: 0.261
 HORZ SPREAD: 2.350
 VERT SPREAD: 2.079
 GROUP SPREAD: 2.783
 MIN RADIUS: 0.417
 MAX RADIUS: 1.627
 MEAN RADIUS: 1.029
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.213	-0.963
2:	0.903	-0.559
3:	1.124	-0.170
4:	1.159	0.591
5:	-0.083	0.157
6:	-0.166	-0.491
7:	-0.410	-0.874
8:	-1.137	-0.982
9:	0.081	1.097
10:	-0.315	1.092

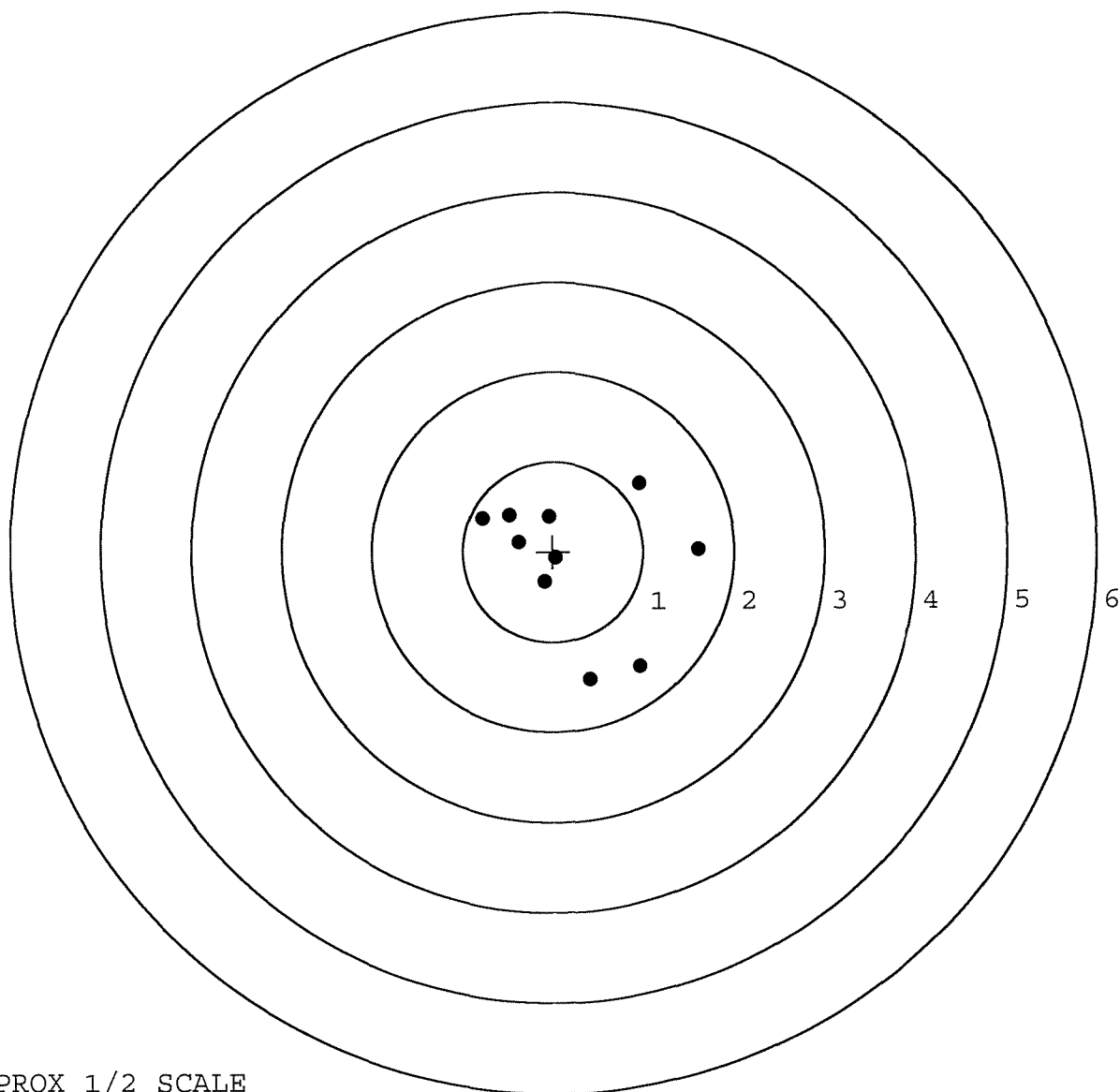


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349148. __0
 TARGET NUMBER: 3
 FILE DATE: 01/26/2006
 FILE TIME: 12:59

X CENTROID: 0.217
 Y CENTROID: -0.103
 POA TO CENTROID: 0.240
 HORZ SPREAD: 2.393
 VERT SPREAD: 2.170
 GROUP SPREAD: 2.418
 MIN RADIUS: 0.191
 MAX RADIUS: 1.399
 MEAN RADIUS: 0.901
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.610	0.026
2:	0.963	-1.275
3:	0.411	-1.416
4:	0.960	0.754
5:	-0.783	0.375
6:	-0.491	0.407
7:	-0.053	0.393
8:	-0.382	0.107
9:	0.029	-0.069
10:	-0.096	-0.334

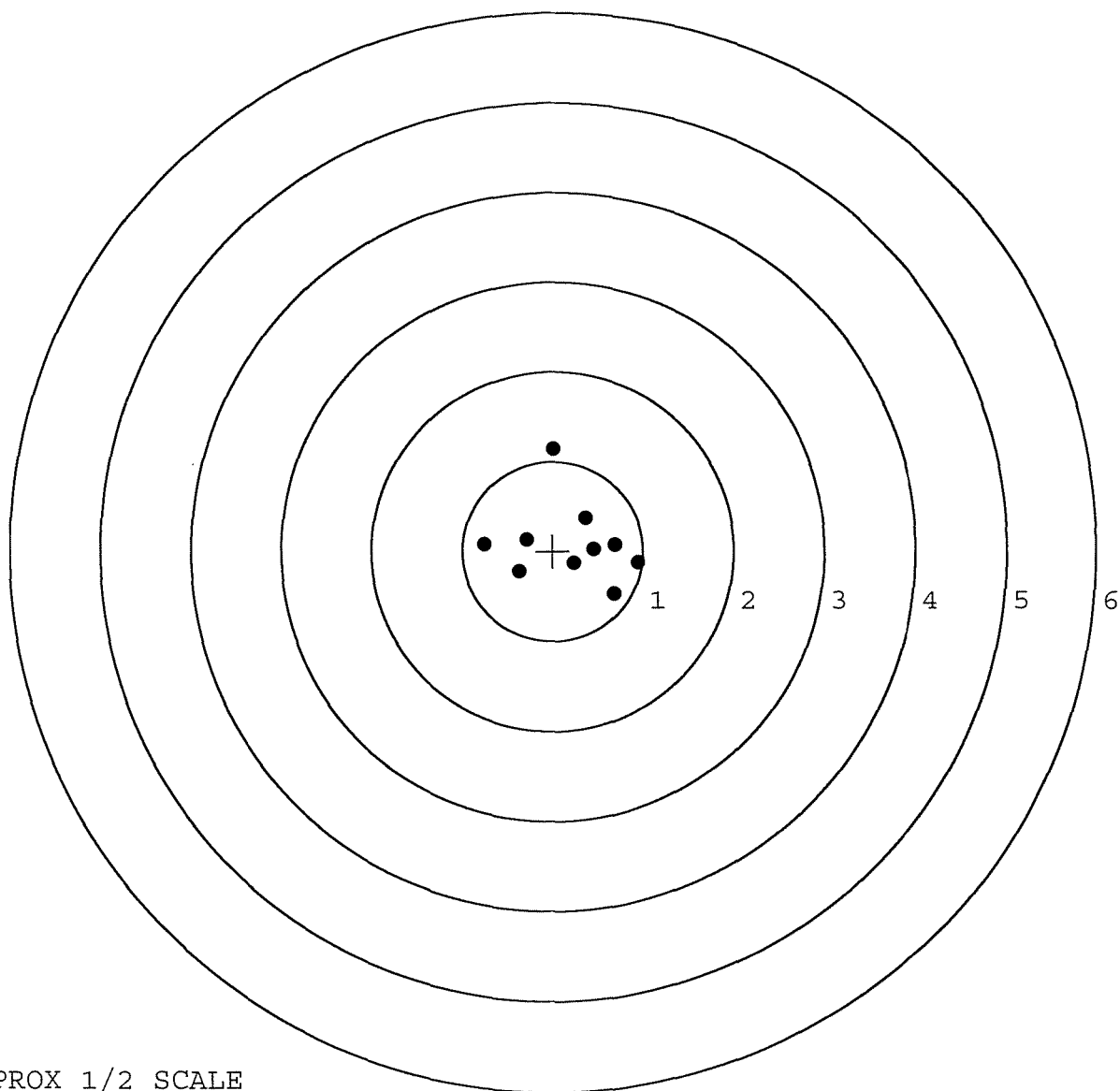


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349148. __0
 TARGET NUMBER: 4
 FILE DATE: 01/26/2006
 FILE TIME: 12:59

X CENTROID: 0.196
 Y CENTROID: 0.085
 POA TO CENTROID: 0.213
 HORZ SPREAD: 1.699
 VERT SPREAD: 1.621
 GROUP SPREAD: 1.759
 MIN RADIUS: 0.223
 MAX RADIUS: 1.077
 MEAN RADIUS: 0.601
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.682	-0.477
2:	0.941	-0.131
3:	0.693	0.076
4:	0.239	-0.134
5:	0.364	0.367
6:	-0.287	0.130
7:	-0.376	-0.232
8:	-0.758	0.078
9:	0.000	1.144
10:	0.457	0.025

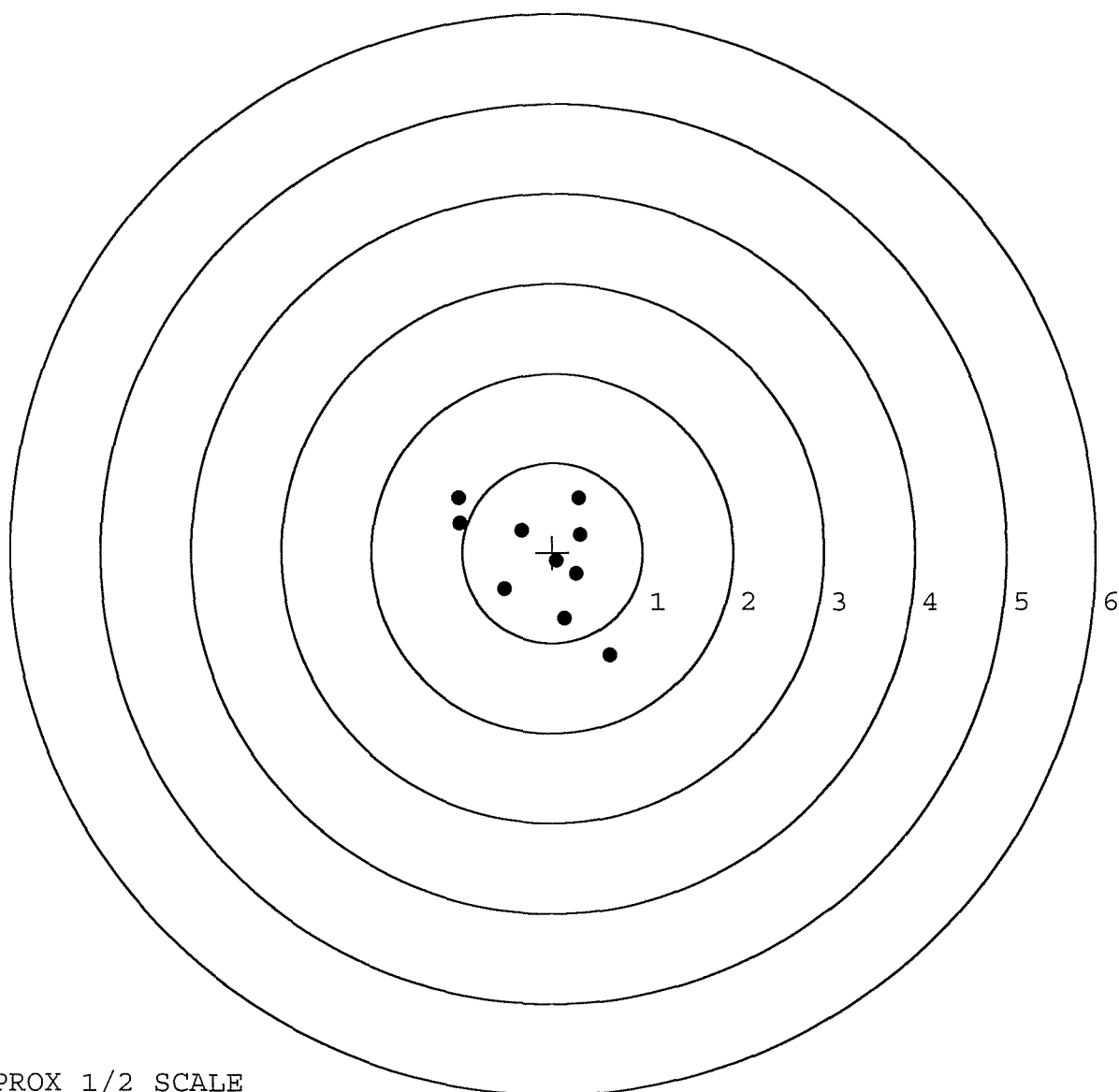


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349148. 0
 TARGET NUMBER: 5
 FILE DATE: 01/26/2006
 FILE TIME: 12:59

X CENTROID: -0.128
 Y CENTROID: -0.064
 POA TO CENTROID: 0.143
 HORZ SPREAD: 1.680
 VERT SPREAD: 1.751
 GROUP SPREAD: 2.427
 MIN RADIUS: 0.177
 MAX RADIUS: 1.317
 MEAN RADIUS: 0.698
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.634	-1.138
2:	0.139	-0.739
3:	-0.538	-0.408
4:	-0.344	0.245
5:	-1.029	0.333
6:	-1.046	0.613
7:	0.288	0.603
8:	0.311	0.197
9:	0.261	-0.246
10:	0.046	-0.097



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	103641		
SERIAL NUMBER	06349148		
LOG-IN DATE	12-22-05		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-28-05	RTZ
505	RE-BARREL	1-4-06	RTZ
560	ASSEMBLE	1-4-06	RTZ
600	PROOF	1-4-06	AC
605	CHECK HEADSPACE	1-4-06	K
610	DIS-ASSEMBLE GUN	1-4-06	K
612	MAGNAFLUX	1-6-06	unsub
510	DRILL AND TAP	1-5-06	TRW
615	ROLLMARK CALIBER	1-6-06	CW
618	ROTO-BLAST	1-10-06	LSB
620	APPLY COATINGS	1-13	HP
625	FINAL ASSEMBLY	1-26-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	1-26-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	1-26-06 TRW
670	FINAL INSPECTION	1-26-06	RTZ
	A) HEADSPACE	PASS FAIL	1-26-06 RTZ
	B) TRIGGER PULL	262 258 254 269 258	RTZ
		2 LBS MIN 10 LBS	
680	F) SAFETY ON FORCE	50 50 50	RTZ
		2 LBS MIN	
	G) SAFETY OFF FORCE	30 30 30	RTZ
	I) FIRING PIN INDENT	.020	
690	PACK	1-26-06	107A

RECEIVING AND ESTIMATING REPORT

R 95-10944

INITIAL FJB	CUSTOMER ORDER NO.	W/10X SCOPE SNIPER W/DEPLOYMENT KIT ATTN:FRED MARTIN <i>scope S/N 900981</i>			
DATE RECEIVED 03/30/95	DATE OPENED 03/31/95	DATE CODE RJ 11-89	SERIAL NUMBER C6349148	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP		SCOPE MNTS		SCOPE BASE	HARD CASE SOFT CASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO:098397 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED 7-17-96	VIA UPS
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GUN CONDITION	REPAIR CHARGE
☐ NEW	EXCISE
☐ LIGHTLY WORN	TAX
☐ WORN	INSURANCE
☐ VERY WORN	UPS
☐ UNREPAIRABLE	PARCEL POST
☐ MARRED	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

ARTS	COMMENTS
✓ NEW BARREL	
✓ Stock	
✓ TRIGGER ASSY	
✓ FIRING PIN ASSY	
✓ Front & Rear Sight Assy	
REPAIRMAN REP	PROOF
GALLERY TESTER	DATE
CLEAN	DATE
TEST A	DATE 7/22/96
TARGET A	DATE 7/22/96
PATTERN	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARRER - M24 M2400108832

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	6.5	6	7-17	REP		
	G) Safety Off Force	5	4.5	4.5	7-17	REP		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.023	.0225	7-17	REP		
	J) Assemble Stock				7-17	REP		
	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				7-17	REP		
P) Detach & Attach Scope 20 Times								
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.63	2.63	2.66	2.25	2.78	8/2	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7-17	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7-17	REP
	C) Inspect Ejector Hole for Chamfer		7-17	REP
	D) Oil Firing Pin Ass'y		7-17	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6349148DATE 7-12-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.70	2.61	2.64		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.67	2.64	2.83		
PULL #3	2.82	2.55	2.95		
PULL #4	2.71	2.67	2.62		
PULL #5	2.67	2.45	2.70		
TOTAL	13.57	12.92	13.74		
AVG.	2.71	2.58	2.74		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.15		
PULL #2	3.14	3.12		
PULL #3	3.17	2.97		
PULL #4	3.16	3.18		
PULL #5	3.24	3.20		
TOTAL	15.78	15.62		
AVG.	3.15	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.05		4.04
PULL #2	4.06	4.36		4.21
PULL #3	4.15	4.10		4.30
PULL #4	4.33	4.39		4.22
PULL #5	4.38	4.17		4.34
TOTAL	21.01	21.07		21.41
AVG.	4.20	4.21		4.28

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6349148
 12 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.920396
1 TO	2	1.4482
1 TO	3	.862627
1 TO	4	.951707
1 TO	5	.902442

1
 5 4 3
 2
 <-----POA

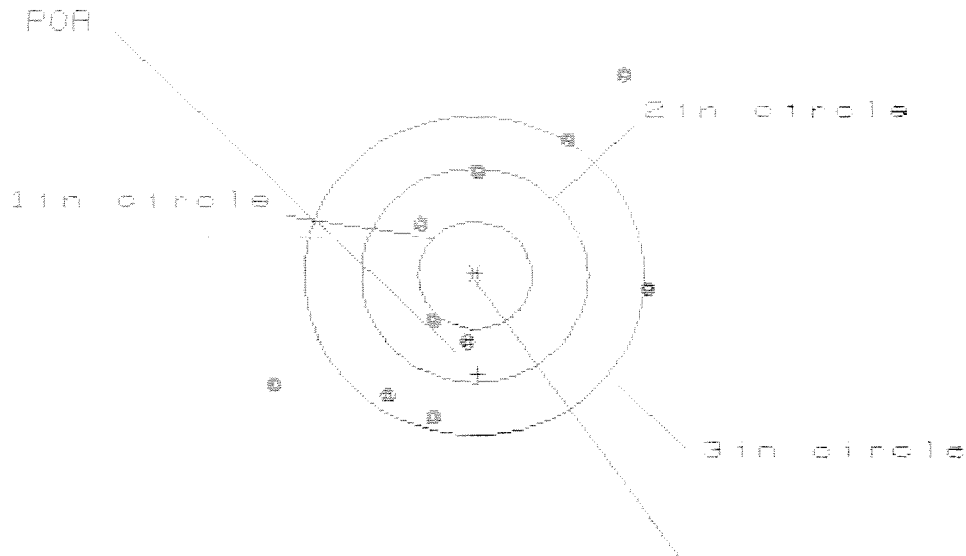
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.004
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1544
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154452

THE AMR FOR THIS RIFLE IS: 1.156

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06345148

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.337

VS= 3.239

GS= 4.281

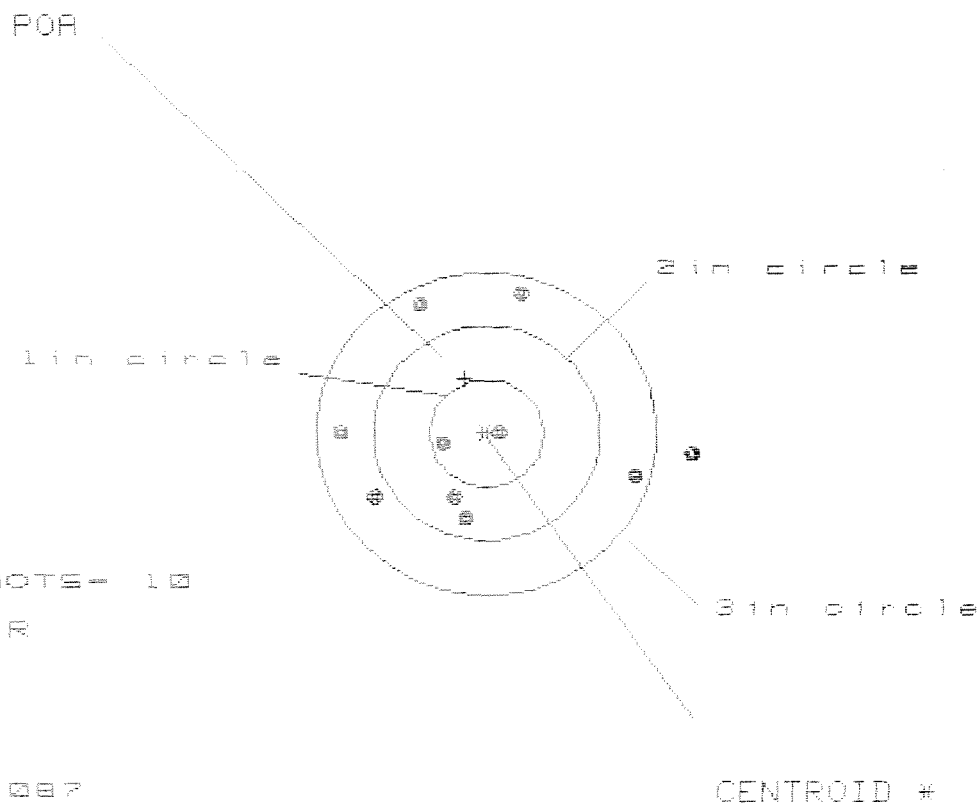
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.563	1.714	1.511
MINIMUM X	-1.774	-1.623	-0.856
MAXIMUM Y	1.874	1.467	1.362
MINIMUM Y	-1.365	-1.157	-1.262
CENTROID X	-0.027	-0.178	0.025
CENTROID Y	0.920	0.712	0.817
POA TO CENTROID in.	0.921	0.734	0.817
MIN RADIUS	0.570	0.323	0.491
MEAN RADIUS	1.313	1.152	1.091
MAX RADIUS	2.313	1.828	1.590
HORIZONTAL SPREAD	3.337	3.337	2.367
VERTICAL SPREAD	3.239	2.624	2.624
EXTREME SPREAD	4.281	3.511	2.929
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349148

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 3.087

VS= 2.056

GS= 3.090

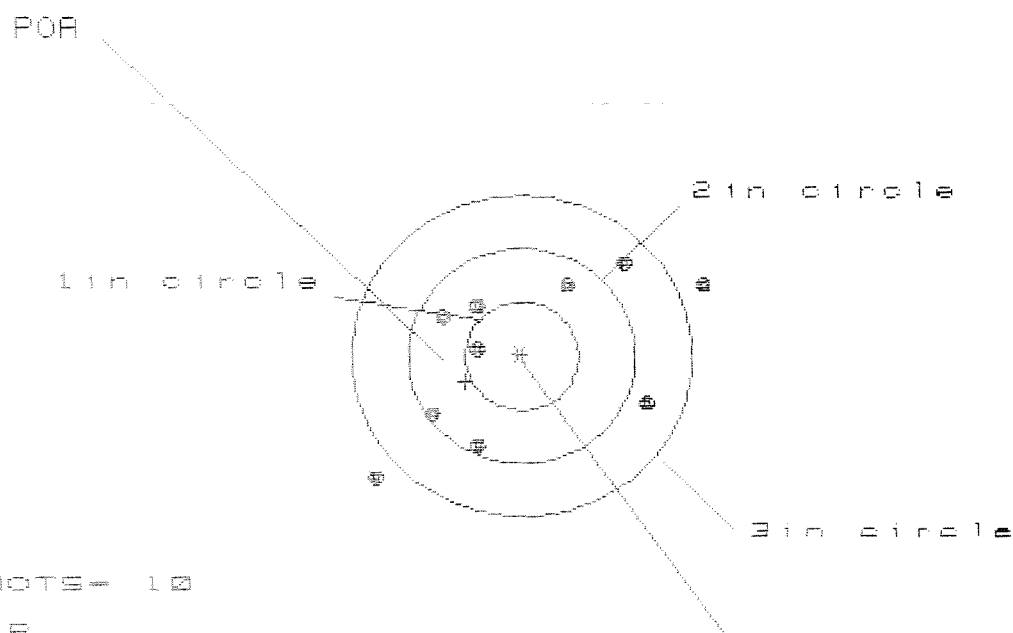
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.819	1.559	.753
MINIMUM X	-1.268	-1.066	-.871
MAXIMUM Y	1.298	1.274	1.224
MINIMUM Y	-.766	-.782	-.832
CENTROID X	.189	-.013	-.208
CENTROID Y	-.512	-.496	-.446
POA TO CENTROID in.	.546	.496	.492
MIN RADIUS	.120	.164	.128
MEAN RADIUS	1.020	.903	.806
MAX RADIUS	1.825	1.610	1.437
HORIZONTAL SPREAD	3.087	2.625	1.624
VERTICAL SPREAD	2.056	2.056	2.056
EXTREME SPREAD	3.090	2.653	2.319
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349148

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.887

VS= 2.813

GS= 3.428

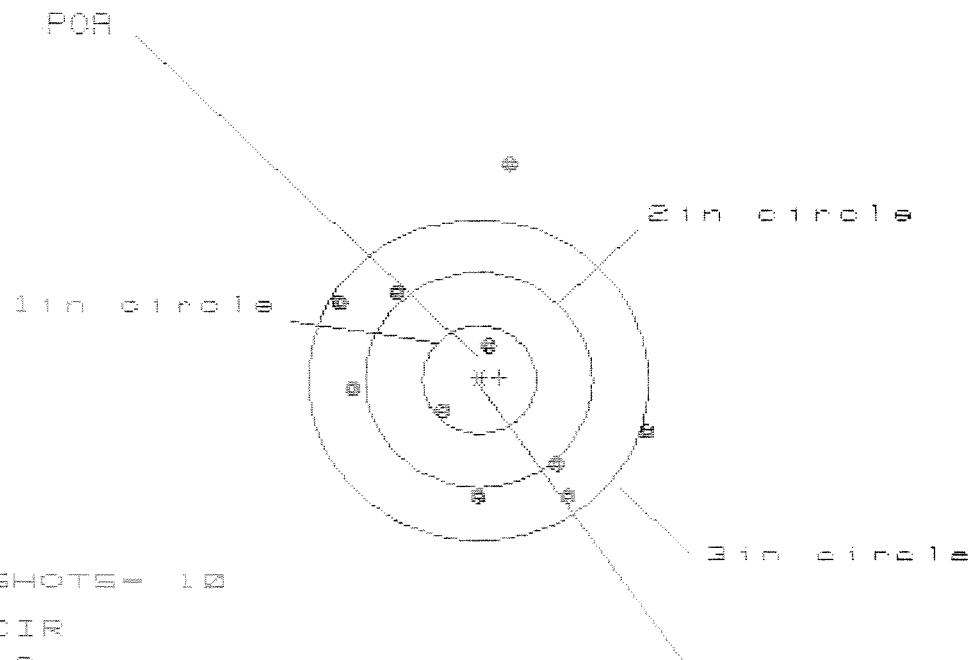
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.591	1.447	1.147
MINIMUM X	-1.296	-.934	-.753
MAXIMUM Y	.843	.713	.781
MINIMUM Y	-1.178	-.985	-.917
CENTROID X	.496	.640	.459
CENTROID Y	.234	.364	.296
POA TO CENTROID in.	.549	.737	.546
MIN RADIUS	.437	.552	.394
MEAN RADIUS	1.039	.961	.851
MAX RADIUS	1.746	1.547	1.259
HORIZONTAL SPREAD	2.887	2.381	1.908
VERTICAL SPREAD	2.013	1.698	1.698
EXTREME SPREAD	3.428	2.672	2.199
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6349148

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 2

3 in = 8

HS= 2.683

VS= 3.145

GS= 3.156

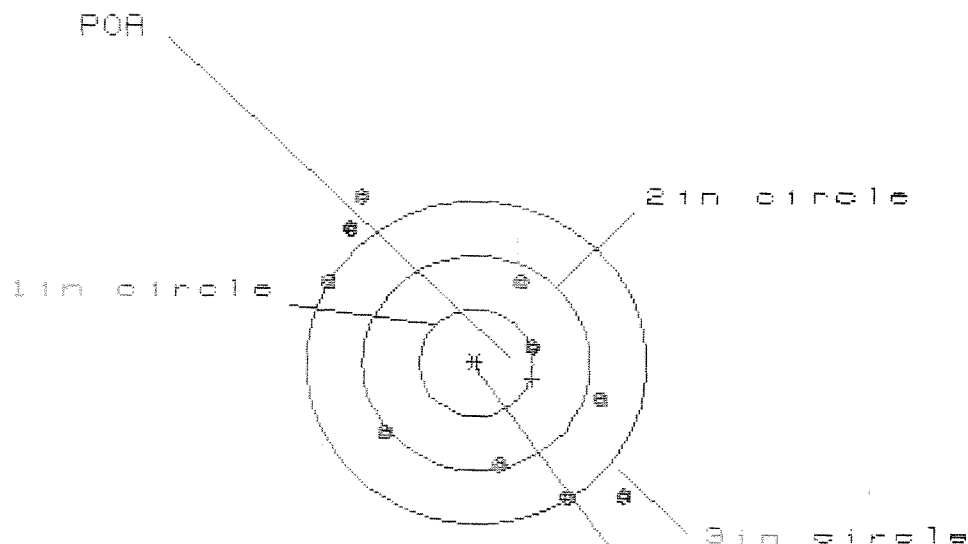
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.510	1.539	1.045
MINIMUM X	-1.183	-1.154	-.961
MAXIMUM Y	2.043	1.052	1.015
MINIMUM Y	-1.102	-.875	-.912
CENTROID X	-.182	-.211	-.404
CENTROID Y	-.019	-.246	-.209
POA TO CENTROID in.	.183	.324	.455
MIN RADIUS	.282	.244	.099
MEAN RADIUS	1.139	1.012	.916
MAX RADIUS	2.061	1.568	1.361
HORIZONTAL SPREAD	2.693	2.693	2.006
VERTICAL SPREAD	3.145	1.927	1.927
EXTREME SPREAD	3.156	2.966	2.684
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	8		

18 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349148

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 2.595

VS= 2.758

GS= 3.550

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.258	1.145	1.083
MINIMUM X	-1.337	-1.450	-1.307
MAXIMUM Y	1.519	1.452	1.323
MINIMUM Y	-1.239	-1.070	-1.199
CENTROID X	-.496	-.383	-.526
CENTROID Y	.149	-.020	.109
POA TO CENTROID in.	.518	.383	.537
MIN RADIUS	.488	.475	.529
MEAN RADIUS	1.270	1.178	1.144
MAX RADIUS	1.833	1.877	1.687
HORIZONTAL SPREAD	2.595	2.595	2.390
VERTICAL SPREAD	2.758	2.522	2.522
EXTREME SPREAD	3.550	3.408	3.132
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349148

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	K
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun		89	RW
612	Magnaflux Barrel Action	REJECTED	11/3/89	KCR
	Magnaflux Bolt		11/3/89	KCR
615	Rollmark Caliber			
7	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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

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			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection			
	A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349148

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-8	89	RW
600	Proof	11-8	89	RW
607	Check Headspace	11-8	89	RW
610	Dis-assemble Gun	11-8	89	RW
612	Magnaflux Barrel Action	11-9-89		KCR
	Magnaflux Bolt	11-9-89		KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	11 9	89	FB
618	Polish Barrel <i>Reb</i>	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/27/89	RW
	C) Inspect Ejector Hole for Chamfer		11/27/89	RW
	D) Oil Firing Pin Ass'y		11/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4 Dec 89	JSS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4 Dec 89	JSS
	G) Safety Off Force	3	3	3			4 Dec 89	JSS
	H) Trigger Pull Test & Retainability						4 Dec 89	JSS
	I) Firing Pin Indent	021	022	0215			4 Dec 89	JSS
	J) Assemble Stock						12/5/89	RW
	K) Assemble Swivel Studs						7 Dec 89	JSS
	L) Attach Front and Rear Sight Assemblies						12/5/89	RW
	M) Iron Sight Alignment						12/5/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/5/89	RW
	O) Attach Scope to Rifle						5 Dec 89	JSS
	P) Detach & Attach Scope 20 Times						5 Dec 89	JSS
640	Gallery Target & Test						12-5-89	A
	A) Time						12-6-89	A
	B) Malfunctions						12-6-89	A
	C) Pierced Primers						12-6-89	A
	D) Optical Clarity of Scope						12-6-89	AC
645	Inspect for Live Ammo						12-6-89	A
655	Final Inspection A) Headspace						7 Dec 89	JSS
	B) Trigger Pull	268	260	248	252	259	7 Dec 89	JSS
	C) Function						7 Dec 89	JSS
660	Pack						18 Dec 89	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6359148DATE 3-14-90TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.35	2.31	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.33	2.44	
PULL #3	2.34	2.23	2.47	
PULL #4	2.27	2.23	2.48	
PULL #5	2.41	2.39	2.48	
TOTAL	11.76	11.49	12.11	
AVG.	2.352	2.298	2.422	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.37	3.43	
PULL #2	3.48	3.43	
PULL #3	3.44	3.39	
PULL #4	3.44	3.39	
PULL #5	3.46	3.25	
TOTAL	17.19	16.89	
AVG.	3.438	3.378	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.31		
PULL #2	4.31	4.28		
PULL #3	4.18	4.20		
PULL #4	4.29	4.16		
PULL #5	4.31	4.22		
TOTAL	21.48	21.17		
AVG.	4.296	4.234		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349148
2 Dec 1989

CENTROIDAL DISTANCES

G TO	1	.214842
1 TO	2	.378727
1 TO	3	.120934
1 TO	4	.736577
1 TO	5	.21285

4 <----POA

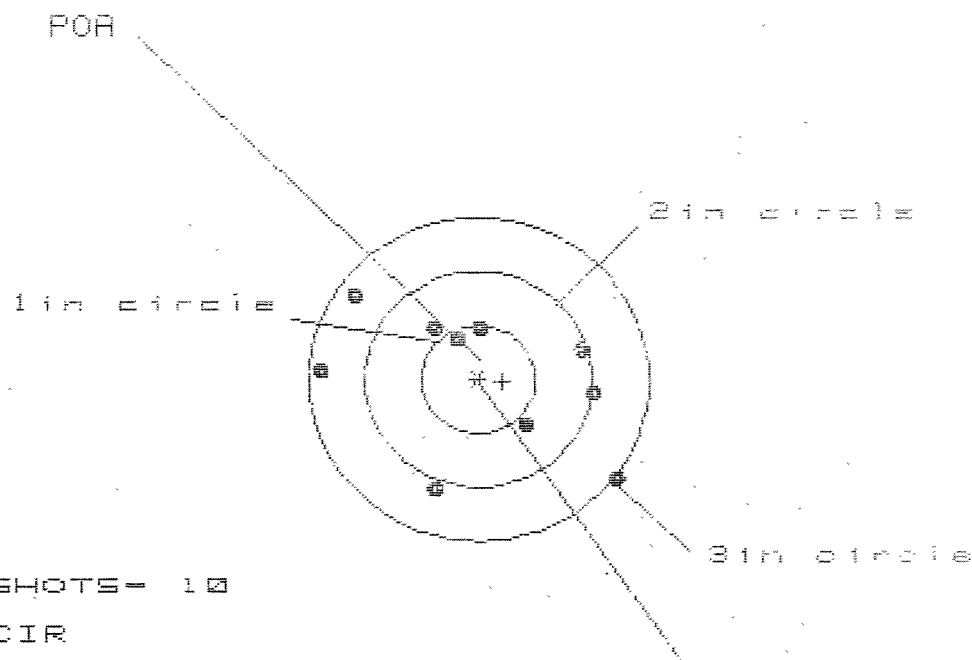
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0346
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1764
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .179761

THE AMR FOR THIS RIFLE IS: .9984

8 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06943148

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.588

VS= 1.751

GS= 2.851

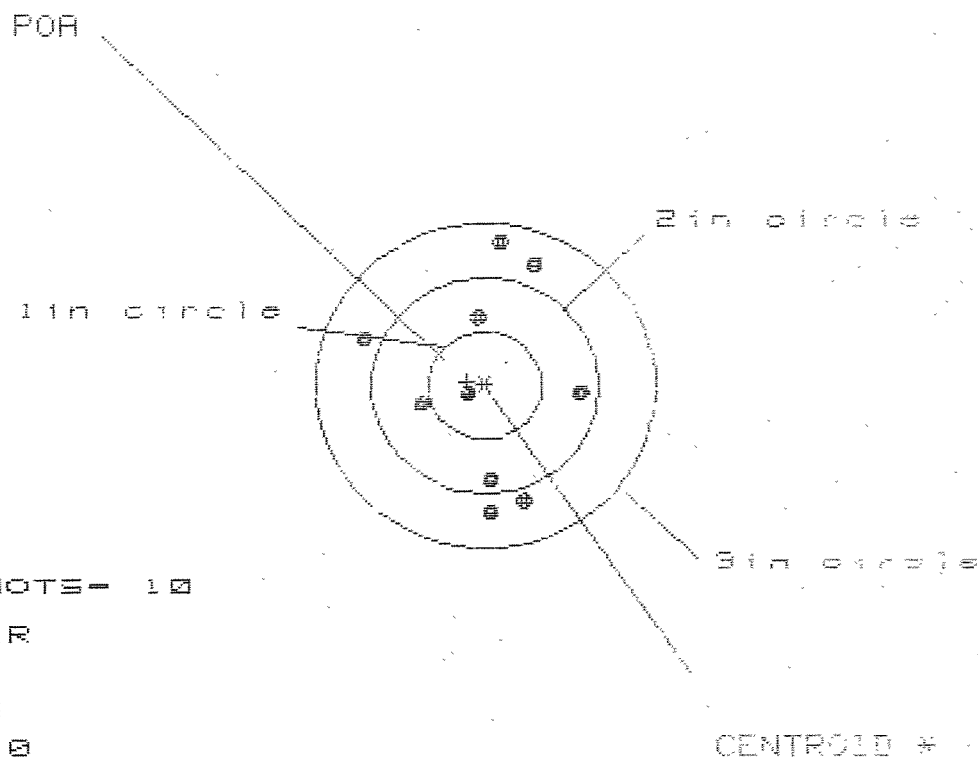
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.191	1.148	.999
MINIMUM X	-1.397	-1.264	-1.148
MAXIMUM Y	.762	.662	.664
MINIMUM Y	-.989	-1.089	-1.087
CENTROID X	-.214	-.347	-.189
CENTROID Y	.019	.119	.117
POA TO CENTROID in.	.215	.367	.222
MIN RADIUS	.436	.287	.355
MEAN RADIUS	.948	.866	.806
MAX RADIUS	1.495	1.264	1.327
HORIZONTAL SPREAD	2.588	2.412	2.138
VERTICAL SPREAD	1.751	1.751	1.751
EXTREME SPREAD	2.851	2.426	2.320
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

6 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8343148

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 1.931

VS= 2.506

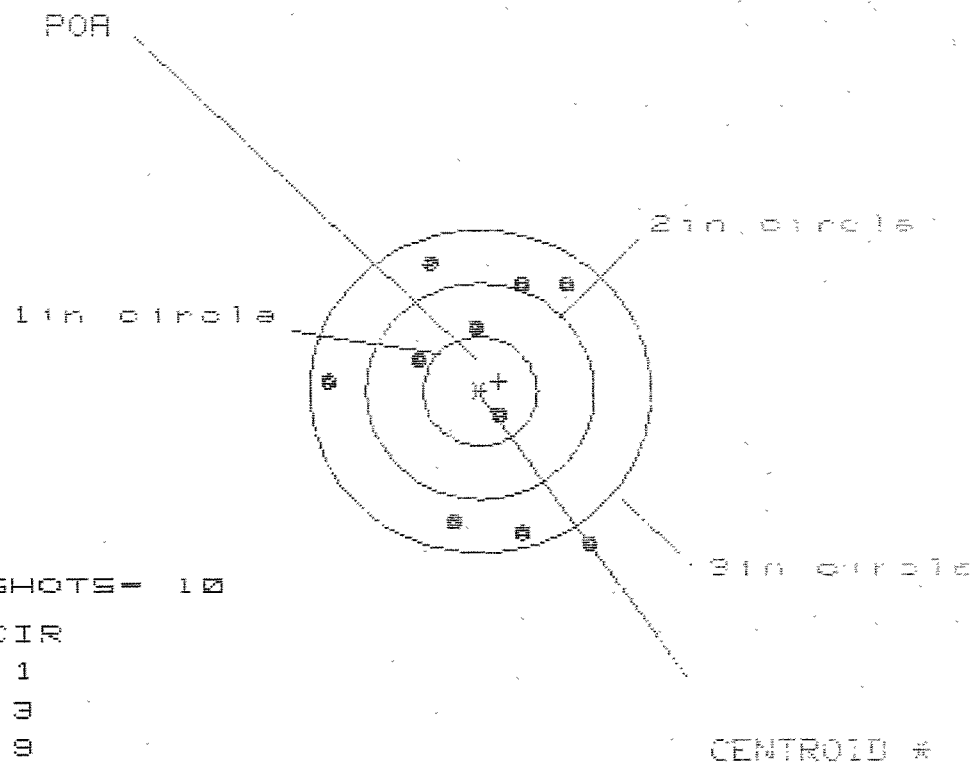
GS= 2.509

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.850	.908
MINIMUM X	:	-1.102	-1.081	-1.023
MAXIMUM Y	:	1.364	1.246	.927
MINIMUM Y	:	-1.142	-.990	-.834
CENTROID X	:	.161	.140	.082
CENTROID Y	:	-.034	-.186	-.342
POA TO CENTROID in.:	:	.164	.233	.351
MIN RADIUS	:	.193	.145	.213
MEAN RADIUS	:	.914	.843	.767
MAX RADIUS	:	1.376	1.331	1.244
HORIZONTAL SPREAD	:	1.931	1.931	1.931
VERTICAL SPREAD	:	2.506	2.236	1.762
EXTREME SPREAD	:	2.509	2.270	2.045
NUMBER IN ONE INCH CIRCLE =	:		1	
NUMBER IN TWO INCH CIRCLE =	:		5	
NUMBER IN THREE INCH CIRCLE =	:		10	

8 Dec 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.313

VS= 2.611

GS= 2.953

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.936	.907	.748
MINIMUM X	:	-1.377	-1.273	-.627
MAXIMUM Y	:	1.157	.995	.981
MINIMUM Y	:	-1.454	-1.441	-1.455
CENTROID X	:	-.166	-.270	-.111
CENTROID Y	:	-.092	.070	.084
POA TO CENTROID in.	:	.190	.279	.139
MIN RADIUS	:	.252	.439	.364
MEAN RADIUS	:	1.070	.970	.923
MAX RADIUS	:	1.729	1.519	1.490
HORIZONTAL SPREAD	:	2.313	2.180	1.375
VERTICAL SPREAD	:	2.611	2.436	2.436
EXTREME SPREAD	:	2.953	2.571	2.571
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Dec 1985

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.169

VS= 2.707

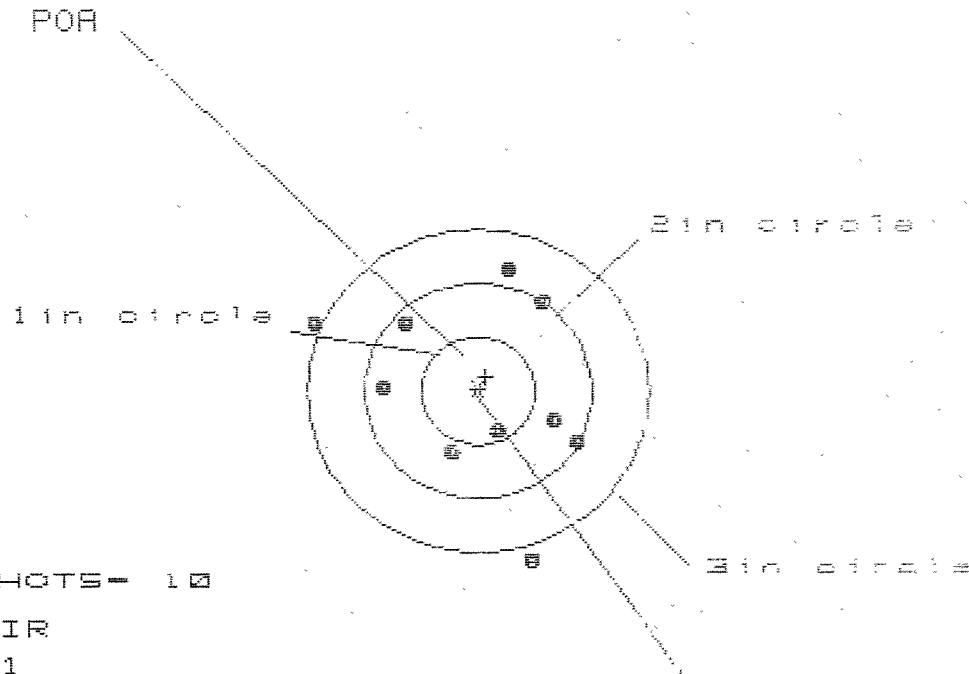
GS= 3.009

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.201	1.114	1.104
MINIMUM X	:	-.968	-.835	-.846
MAXIMUM Y	:	1.428	1.292	1.297
MINIMUM Y	:	-1.279	-1.415	-1.254
CENTROID X	:	.111	-.022	-.012
CENTROID Y	:	-.642	-.506	-.667
POA TO CENTROID in.	:	.652	.506	.667
MIN RADIUS	:	.413	.285	.441
MEAN RADIUS	:	1.074	.967	.941
MAX RADIUS	:	1.715	1.517	1.364
HORIZONTAL SPREAD	:	2.169	1.949	1.949
VERTICAL SPREAD	:	2.707	2.707	2.051
EXTREME SPREAD	:	3.009	2.760	2.353
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Dec 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.355

VS= 2.699

GS= 2.956

CENTROID *

PATTERN #	5	9	6
SHOTS (BEST OF)	10	9	6
MAXIMUM X	.904	.960	.786
MINIMUM X	-1.451	-1.395	-.985
MAXIMUM Y	1.094	.915	.970
MINIMUM Y	-1.605	-.700	-.645
CENTROID X	-.065	-.121	.053
CENTROID Y	-.133	.046	-.009
POA TO CENTROID in.	.148	.129	.054
MIN RADIUS	.380	.563	.456
MEAN RADIUS	.971	.895	.803
MAX RADIUS	1.682	1.461	.977
HORIZONTAL SPREAD	2.355	2.355	1.591
VERTICAL SPREAD	2.699	1.615	1.615
EXTREME SPREAD	2.956	2.577	1.836
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6349148

ORDER NO.
5716

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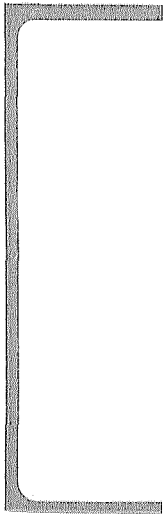


5716 C6349148

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