

C6349041

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00063230**Serial: C6348991 Model 700 Center Fire Caliber .7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

New 3/18/2003 11:28:11 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **DEPARTMENT OF THE ARMY****DEPARTMENT OF THE ARMY**Address 1: **HHC 1-27 INF BLDG 2080****HHC 1-27 INF BLDG 2080**Address 2: **25TH ID**

PO Box:

25TH ID

PO Box:

City: **SCHOFIELD BARRACKS****SCHOFIELD BARRACKS**State: **HI**Zip Code: **96857**Country: **US**State: **HI**Zip Code: **96857**Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Date	Code	User ID	Desc1
3/18/2003 11:28:11	New	urtzdj	Repair Added
3/18/2003 11:31:01	Expedite	urtzdj	From: Check In

- ☐ Shipping Hold
☐ InterFace Hold
☐ Estimate Sent
☐ Parts Received
☐ Passed Inspection
☐ Return As Received
☐ Has been Approved
☐ Internal Repair

Current Status

New

3/18/2003 11:28:11 AM

urtzdj

Sniper Systems

Repair Location

ILN

Current Location

ILN

Transfer Number

Repair Search

Refresh

Close

nagletj

3/18/2003

1:37 PM

CAPS

NUM

INS

SCPL

start

3 MG...

2 Int...

Arms S...

Part Se...

My Do...

3 MG...

Docu...

1:37 PM

Serial Number:

C6349041Model: **700****RE00063229**

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

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.51	2.44	MIN. SETTING
PULL #2	2.41	2.56	2.46	NO AVG. OF 5
PULL #3	2.34	2.50	2.49	READINGS ACCEPT-
PULL #4	2.38	2.40	2.44	ABLE LESS THAN 2
PULL #5	2.37	2.47	2.53	
TOTAL	11.89	12.44	12.36	
AVG.	2.37	2.48	2.47	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.40	3.30	
PULL #2	3.27	3.25	
PULL #3	3.30	3.03	
PULL #4	3.35	3.39	
PULL #5	3.36	3.33	
TOTAL	16.68	16.30	
AVG.	3.33	3.26	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.35	4.30		4.23
PULL #2	4.29	4.15		4.18
PULL #3	4.34	4.11		4.16
PULL #4	4.27	4.10		4.20
PULL #5	4.28	4.08		4.26
TOTAL	21.53	20.74		21.03
AVG.	4.30	4.14		4.20

R & E NUMBER	63229		
SERIAL NUMBER	C6349041		
LOG-IN DATE	3-18-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY ^{new} TRIG ASSY	3-18-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET ^{Test}	3-19-03	TH
655	FINAL INSPECT	4-09-03	RIL
660	PACK	4-09-03	DA
		SHIP DATE	
QAR INSPECTION DATE			

BARBER - M24 0106411

Repair Inquiry

Repair Number: RE00069331

Serial: C6349041 Model 700 Center Fire Caliber: 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 8/28/2003 11:02:12 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: COMMANDER

COMMANDER

Address 1: HHC 1ST BN 27 INF REG

HHC 1ST BN 27 INF REG

Address 2: PO Box:

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

Repair Search

Refresh

Close

negletj

8/28/2003

11:32 AM

CAPS

NUM

INS

SCRL

start

Microsoft Office

Part search by

Microsoft Office

Arms Services

My Explorer

11:32 AM

Serial Number: C6349041

Model: 700



RE00069331

R & E NUMBER	69331		
SERIAL NUMBER	C6349041		
LOG-IN DATE	8-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-28-03	RTL
560 A	RE-BARREL Replace Bolt Stop Spring	8-28-03	RTL
B	DRILL AND TAP		
575	ASSEMBLE	8-28-03	RTL
600	PROOF		
605	CHECK HEADSPACE		
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		
655	FINAL INSPECT	9-4-03	RTL
660	PACK	9/4/03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				1	1	CSGLD - 1047(R1)	
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION		B. LOCATION		C. UNIT IDENT CODE	
		HHC 1/27 INF		Schopfield BKS, HI 96857		WALRTO	
2. SERIAL NO.		3. NOUN NOMENCLATURE		4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER	
C6349041		M24 Sniper Rifle		R95387		1005-01-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
Calibration		D5					
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☒ A. Sch. Main. ☐ C. Test ☐ E. Storage ☐ G. Flight				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment			
☐ B. Handling ☐ D. Normal Op ☐ F. Inspection ☐ H. Other				☐ 006 Noisy ☐ 387 Low Performance ☒ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).							
Verifying serial number / And weapon has fired more than 35,000 rounds, Need Calibration due.							
B. REMARKS							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3. 13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.							
23. SUBMITTED BY		24. RECEIVED BY					
JULIAN DATE		JULIAN DATE					

NMP COPY 2

Missing
~~Part NO.~~

Part NO.

~~Team 2~~ NSN

- Front Sight		
- Rear Sight		
- Bipods Legs 96117		1005-01-260-2665
- Day Optic Sight Case 96081		1005-01-260-2668
- External Mount Assy lock ring 12950984		1240-01-383-1994
- External Mount Assy 12950986		1240-01-380-6326
- Front Sight Base Screw 96012		1005-01-260-2654
- Swivel Screw 96032		1005-01-260-2641
- Front Sight Insert Kit 96105		1005-01-260-2637
Front Sight Base Screw 96017		
- Rear Sight Base Screw 96017		1005-01-260-2653
- Brush Cleaning Small 8448462		1005-00-494-6602
Socket Wrench Attachment 666-W-64		
Key, Socket Head Screw "050", "1/16", "5/16", "3/32", "7/16", "1/2", "5/32"		
Day Optic Sight Ring Screws 96083		1805-01-260-2650
Day Optic Sight Base Screw Front 96037		1005-01-260-2651
Day Optic Sight Base Screw Rear 96038		1005-01-260-2652
Brush, Chamber 7790463		1005-00- 620 -8441
Wrench, Box & Open "1/2" 96059	6243079-6	5120-00- 228 -9506
Sunshade (Day Optic Sight) 96049		1805-01-260-2660
Cleaning Rod Kit		
Lens Cleaning Kit		

Magazine Release Broke
 Bolt Release Broke

GUN SERIAL #

C6349041

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	K
607	Check Headspace	1 12	90	K
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1/17/90	GS
617	Drill and Tap Sight Holes		1/19/90	FB
618	Polish Barrel RB		1/22/90	WB
620	Apply Coatings (Barrel Action)		1/25/90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/1/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/90	RW
	C) Inspect Ejector Hole for Chamfer		2/2/90	RW
	D) Oil Firing Pin Ass'y		2/2/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-8-90	RM

op. #	BARBER - M24 0106417 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			8/8/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/8/90	WB
	H) Trigger Pull Test & Retainability						2-8-90	JH
	I) Firing Pin Indent	.0205	.0205	.0205			8/8/90	WB
	J) Assemble Stock						3/14/90	RW
	K) Assemble Swivel Studs						16 Mar 90	JSS
	L) Attach Front and Rear Sight Assemblies						3/14/90	RW
	M) Iron Sight Alignment						3/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/14/90	RW
	O) Attach Scope to Rifle						14 Mar 90	JSS
	P) Detach & Attach Scope 20 Times						14 Mar 90	JSS
640	Gallery Target & Test						3-15-90	A
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clarity of Scope						11	A
645	Inspect for Live Ammo						3-15-90	A
655	Final Inspection						16 Mar 90	JSS
	A) Headspace						16 Mar 90	JSS
	B) Trigger Pull	217	218	219	214	221	16 Mar 90	JSS
	C) Function						16 Mar 90	JSS
660	Pack						20 Mar 90	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349041DATE 2-8-90TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.25	2.30	217	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.45	2.25	218	
PULL #3	2.25	2.25	2.32	219	
PULL #4	2.24	2.25	2.32	214	
PULL #5	2.24	2.21	2.20	221	
TOTAL	11.59	11.41	11.39	1089	
AVG.	2.318	2.282	2.278	2.178	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.48		
PULL #2	3.42	3.24		
PULL #3	3.36	3.53		
PULL #4	3.34	3.38		
PULL #5	3.38	3.40		
TOTAL	16.71	17.03		
AVG.	3.342	3.406		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.46		4.30
PULL #2	4.56	4.36		4.34
PULL #3	4.24	4.17		4.33
PULL #4	4.41	4.24		4.31
PULL #5	4.44	4.14		4.39
TOTAL	22.12	21.37		21.67
AVG.	4.424	4.274		4.334

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349041
15 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.619409
1 TO	2	.928658
1 TO	3	.589411
1 TO	4	.586775
1 TO	5	.36824

5th 2 <----POA

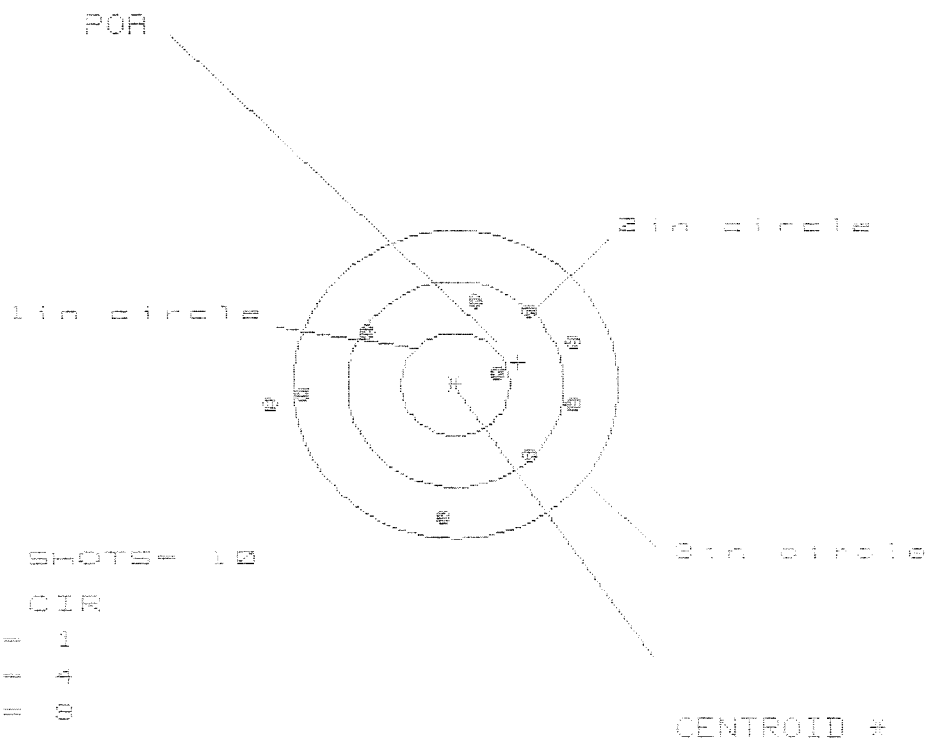
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.207
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0902
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .225799
THE AMR FOR THIS RIFLE IS: 1.006

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08545041

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 0

HS= 2.859

VS= 2.086

GS= 2.927

PATTERN #

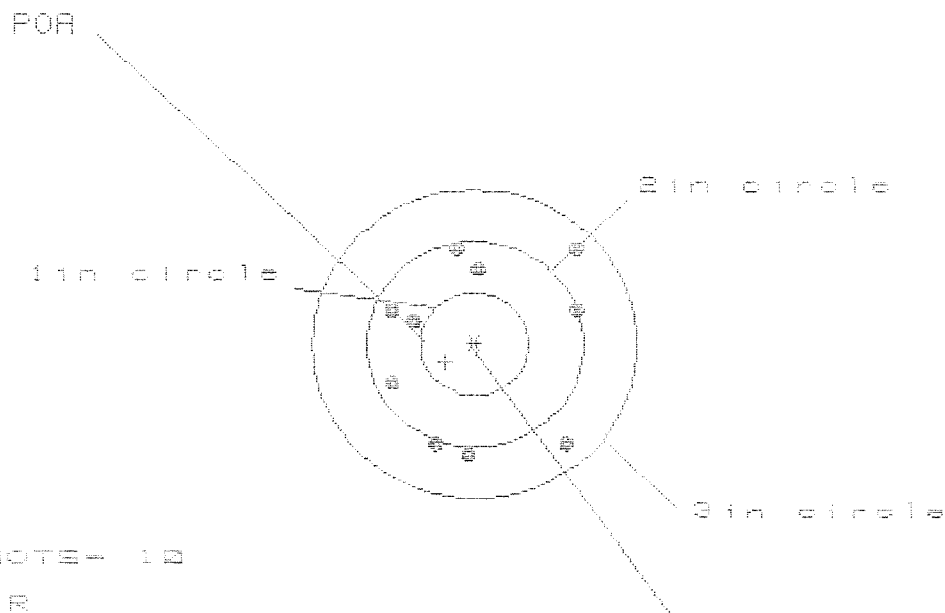
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.128	.926	.723
MINIMUM X	-1.739	-1.631	-1.179
MAXIMUM Y	.831	.886	.786
MINIMUM Y	-1.256	-1.288	-1.388
CENTROID X	-.582	-.388	-.184
CENTROID Y	-.212	-.188	-.158
POR TO CENTROID in.	.619	.431	.258
MIN RADIUS	.359	.157	.062
MEAN RADIUS	1.084	.968	.824
MAX RADIUS	1.754	1.638	1.411
HORIZONTAL SPREAD	2.859	2.557	1.981
VERTICAL SPREAD	2.086	2.086	2.086
EXTREME SPREAD	2.927	2.612	2.115
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349041

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 1.710

VS= 2.001

GS= 2.263

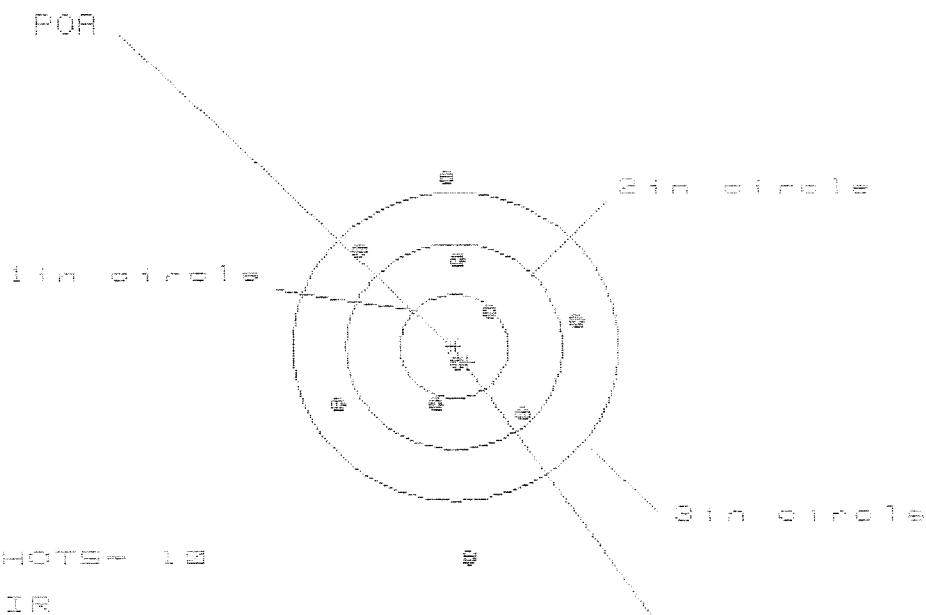
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.923	1.018	1.142
MINIMUM X	-.787	-.692	-.568
MAXIMUM Y	.908	.802	.901
MINIMUM Y	-1.093	-1.199	-1.100
CENTROID X	.264	.169	.045
CENTROID Y	.171	.277	.178
POA TO CENTROID in.	.314	.325	.184
MIN RADIUS	.643	.523	.440
MEAN RADIUS	.969	.907	.844
MAX RADIUS	1.284	1.266	1.191
HORIZONTAL SPREAD	1.710	1.710	1.710
VERTICAL SPREAD	2.001	2.001	2.001
EXTREME SPREAD	2.263	2.263	2.003
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 10		

15 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06345041

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.144

VS= 3.667

GS= 3.673

CENTROID *

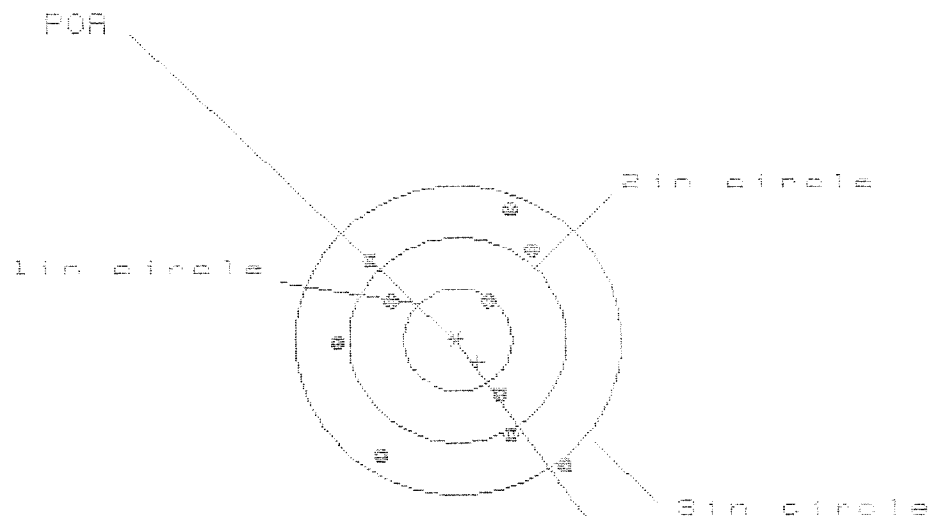
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	1.095	1.083
MINIMUM X	-1.061	-1.049	-1.061
MAXIMUM Y	1.651	1.427	.845
MINIMUM Y	-2.016	-.859	-.681
CENTROID X	-.124	-.136	-.124
CENTROID Y	.159	.383	.205
POA TO CENTROID in.	.201	.407	.240
MIN RADIUS	.153	.377	.199
MEAN RADIUS	1.020	.912	.820
MAX RADIUS	2.019	1.430	1.242
HORIZONTAL SPREAD	2.144	2.144	2.144
VERTICAL SPREAD	3.667	2.286	1.526
EXTREME SPREAD	3.673	2.436	2.308
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

15 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08345041

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.096

VS= 2.513

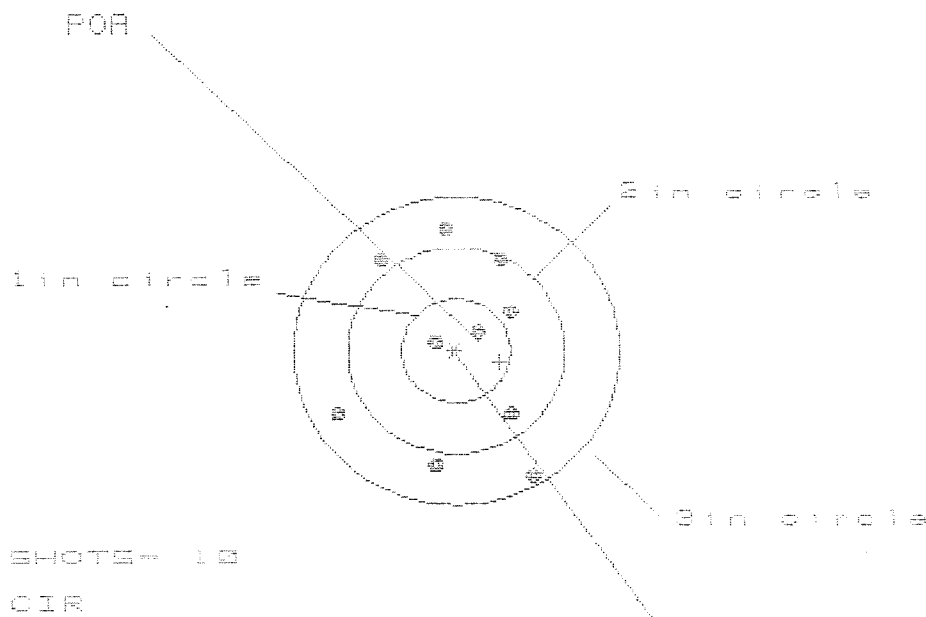
GS= 2.732

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.981	.770	.839
MINIMUM X	-1.115	-1.006	-.937
MAXIMUM Y	1.322	1.190	.942
MINIMUM Y	-1.191	-1.293	-1.144
CENTROID X	-.186	-.295	-.364
CENTROID Y	.221	.353	.204
POA TO CENTROID in.	.289	.460	.417
MIN RADIUS	.513	.506	.555
MEAN RADIUS	1.049	.979	.935
MAX RADIUS	1.543	1.421	1.261
HORIZONTAL SPREAD	2.096	1.775	1.776
VERTICAL SPREAD	2.513	2.483	2.086
EXTREME SPREAD	2.732	2.732	2.490
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349641

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HE= 1.810

VS= 2.437

GE= 2.577

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.705	.608	.480
MINIMUM X	-1.105	-1.027	-.774
MAXIMUM Y	1.217	1.001	.985
MINIMUM Y	-1.220	-1.269	-1.365
CENTROID X	-.407	-.485	-.357
CENTROID Y	.112	.243	.344
POA TO CENTROID in.	.422	.545	.495
MIN RADIUS	.213	.163	.140
MEAN RADIUS	.910	.840	.756
MAX RADIUS	1.409	1.285	1.382
HORIZONTAL SPREAD	1.810	1.635	1.254
VERTICAL SPREAD	2.437	2.350	2.350
EXTREME SPREAD	2.577	2.350	2.350
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349041
19 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.340094
1 TO	2	.102961
1 TO	3	.304074
1 TO	4	.448145
1 TO	5	.397685

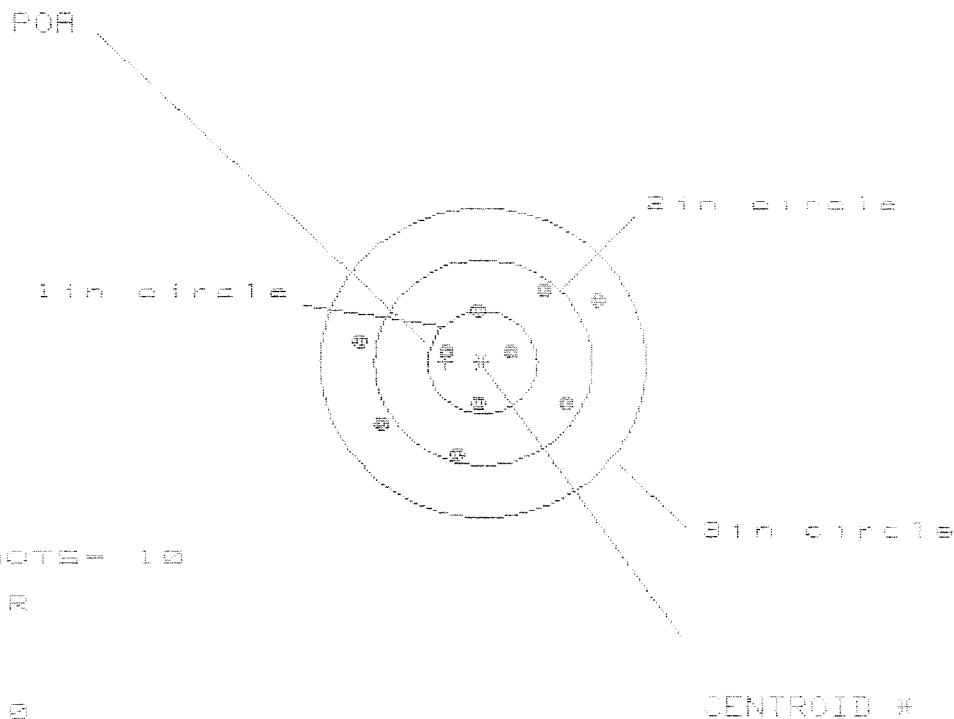
$\frac{4}{3}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1474
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0932
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174393
THE AMR FOR THIS RIFLE IS: .881

17 Mar 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6348841.1

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 2.251

VS = 1.662

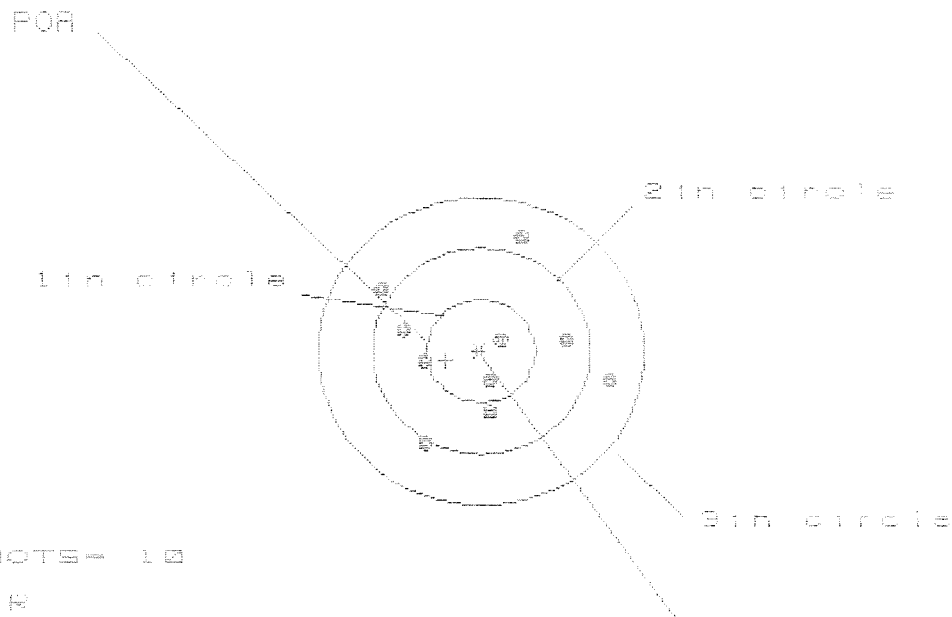
GS = 2.365

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.103	.855	.727
MINIMUM X	-1.148	-1.026	-1.934
MAXIMUM Y	.734	.882	.837
MINIMUM Y	-.928	-.868	-.825
CENTROID X	.340	.218	.346
CENTROID Y	-.008	-.076	-.111
POA TO CENTROID in.	.340	.231	.363
MIN RADIUS	.323	.243	.242
MEAN RADIUS	.769	.710	.656
MAX RADIUS	1.263	1.063	1.056
HORIZONTAL SPREAD	2.251	1.881	1.661
VERTICAL SPREAD	1.662	1.662	1.662
EXTREME SPREAD	2.365	1.975	1.965
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0634984).1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.172

VS= 1.954

GS= 2.359

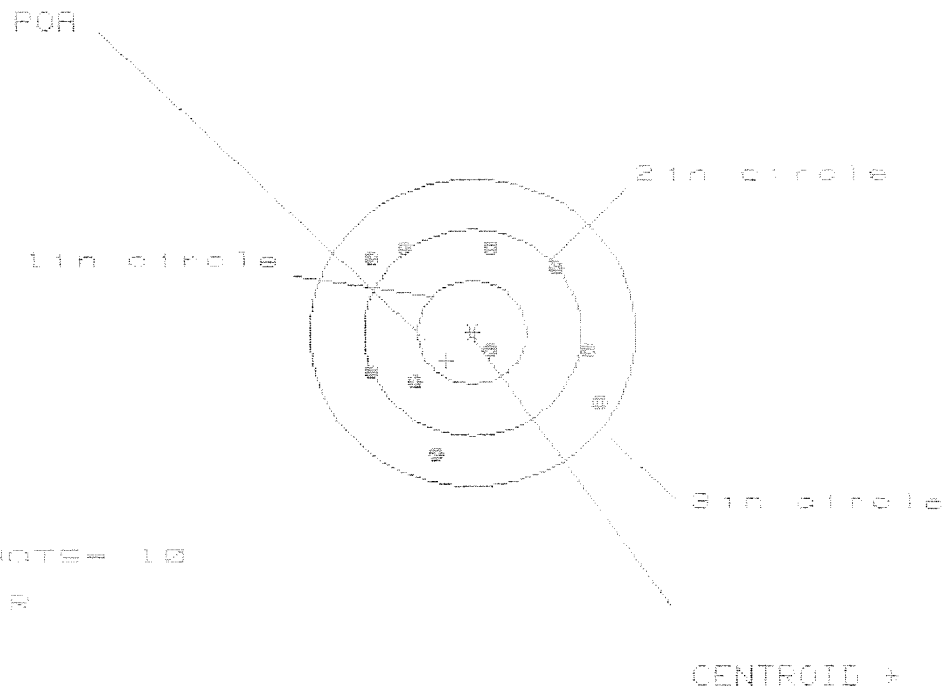
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.225	.891	.953
MINIMUM X	-.947	-.810	-.748
MAXIMUM Y	1.084	1.048	.690
MINIMUM Y	-.870	-.906	-.775
CENTROID X	.320	.183	.121
CENTROID Y	.093	.129	-.062
POA TO CENTROID in.	.303	.225	.121
MIN RADIUS	.220	.337	.319
MEAN RADIUS	.760	.712	.637
MAX RADIUS	1.260	1.159	1.018
HORIZONTAL SPREAD	2.172	1.701	1.701
VERTICAL SPREAD	1.954	1.954	1.465
EXTREME SPREAD	2.359	2.134	1.750
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C034904/..)

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.118

VS = 1.991

GS = 2.567

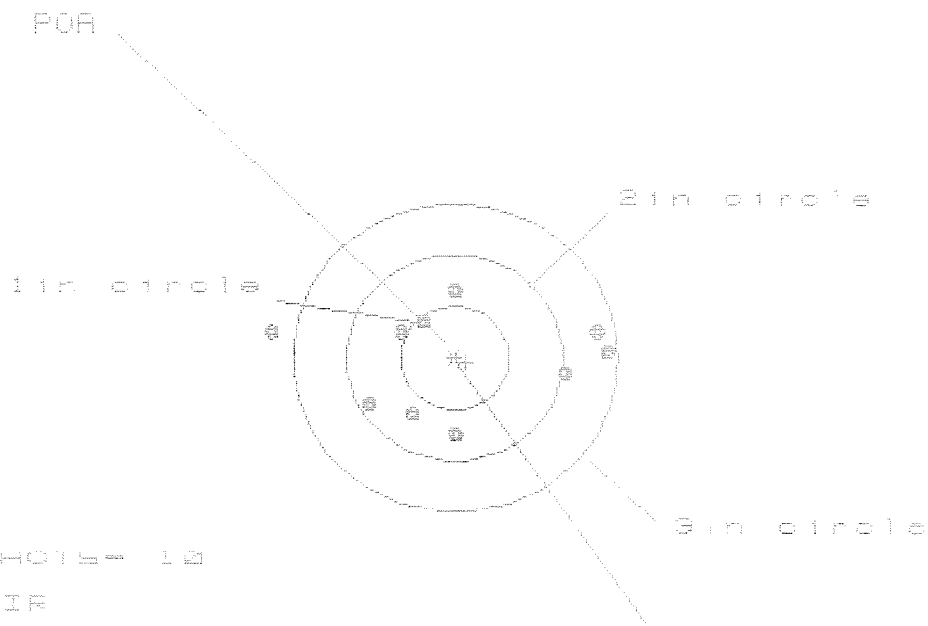
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.170	1.191	1.088
MINIMUM X	-1.948	-1.813	-1.870
MAXIMUM Y	.849	.773	.860
MINIMUM Y	-1.141	-1.218	-1.131
CENTROID X	.234	.104	.207
CENTROID Y	.277	.353	.266
POA TO CENTROID in.	.362	.368	.337
MIN RADIUS	.201	.345	.211
MEAN RADIUS	.961	.914	.879
MAX RADIUS	1.355	1.230	1.164
HORIZONTAL SPREAD	2.118	2.009	1.958
VERTICAL SPREAD	1.991	1.991	1.991
EXTREME SPREAD	2.567	2.203	2.049
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349041.1

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 3.026

VS = 1.337

GS = 3.033

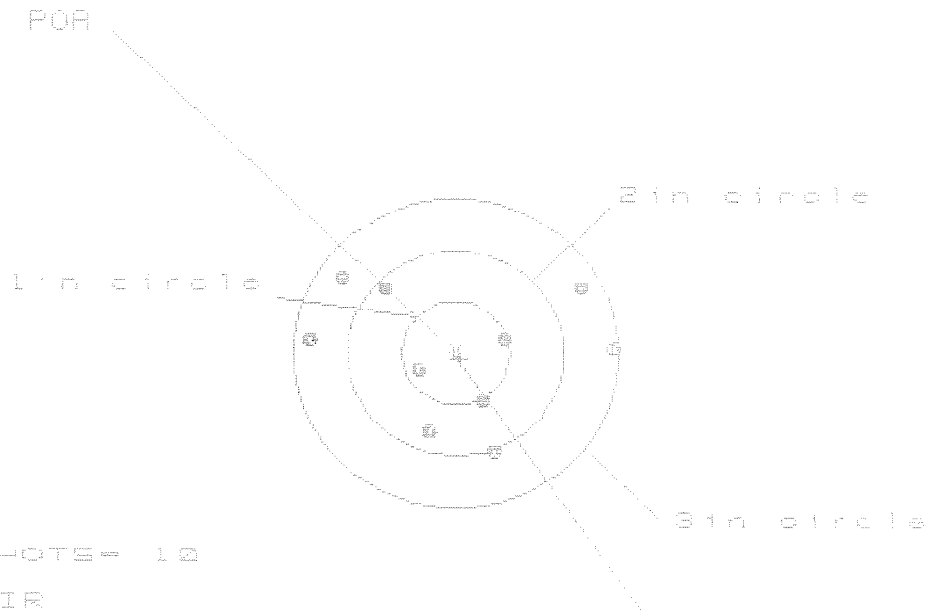
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.381	1.198	1.396
MINIMUM X	-1.645	-1.991	-1.841
MAXIMUM Y	.620	.648	.656
MINIMUM Y	-.718	-.689	-.681
CENTROID X	-.105	.078	-.072
CENTROID Y	.045	.017	.009
POA TO CENTROID in.	.115	.080	.073
MIN RADIUS	.492	.642	.541
MEAN RADIUS	.945	.871	.806
MAX RADIUS	1.664	1.200	1.333
HORIZONTAL SPREAD	3.026	2.189	2.147
VERTICAL SPREAD	1.337	1.337	1.337
EXTREME SPREAD	3.033	2.243	2.243
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

17 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06345641.1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HSE = 2.831

VSE = 1.728

GSE = 2.831

PATTERN #

:

5

SHOTS (BEST OF)

:

10

9

6

MAXIMUM X

:

1.404

1.318

1.164

MINIMUM X

:

-1.397

-1.238

-1.065

MAXIMUM Y

:

.728

.738

.752

MINIMUM Y

:

-1.000

-.992

-.976

CENTROID X

:

-.052

-.211

-.057

CENTROID Y

:

.059

.001

.035

POA TO CENTROID in.:

.079

.217

.067

MIN RADIUS

:

.381

.248

.366

MEAN RADIUS

:

.962

.898

.845

MAX RADIUS

:

1.436

1.469

1.339

HORIZONTAL SPREAD :

2.831

2.556

2.229

VERTICAL SPREAD :

1.728

1.728

1.728

EXTREME SPREAD :

2.831

2.609

2.231

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

10

RECEIVING AND ESTIMATING REPORT

BARBER M24 0106431

COMMENTS

ORDER

R 95-03478

INITIAL FPS	CUSTOMER ORDER NO.		M24 W/ULTRA 10X-M3A SCOPE			
DATE RECEIVED 01/16/95	DATE OPENED 01/27/95	DATE CODE BK 1-90	SERIAL NUMBER C6349041	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		SCOPE MNTS		SCOPE BASE		

FROM:

SHIP TO:

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS

HI 96857

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS

HI
96857

CUST NO: 078579 C.D.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA R759266300
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GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.	New	B4 Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

96002 - Barrel

Re powder Coat - Trigger
Guard ASSY Front & Rear
Sight Bases
Re Zinc - Scope Base, Rings
& Swivel Studs

W32 H094326 H226

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 1/30/95	DATE 3/10/95	DATE 3/13/95	DATE 3/13/95	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 010643106470



DEPARTMENT OF THE ARMY
WX3JPR, USAG-HI
DOL, STOR BR, BLDG 2131
SCHO BKS, HI 96857-5006

DA Label 18, Mar 83
Edition of Apr 59 will be used until exhausted.



REMINGTON ARMS CO INC
14 HOFELER AVE
ILION, NY 13357

DOC IDENT		ROUT IDENT		FSC		NIN		ADD		QUANTITY		REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		PUND		DISTR		PROJECT		REQ DEL DATE		ADV STAT	
SEND TO:										REQUEST IS FROM:																			
A D O L Weapons Warehouse										B HMC 1-27th INF BN (WAL810)																			
DOC IDENT		ROUT IDENT		FSC		NIN		ADD		QUANTITY		REQUISITIONER		DATE		SERIAL		SUPPLEMENTARY ADDRESS		PUND		DISTR		PROJECT		REQ DEL DATE		ADV STAT	
DODSAP										D6A																			
C										1005-01-240-2136																			
D										EA 00000001																			
E										WAL810																			
F										SR: C6349041 ✓																			
G										Rifle 7.62mm: Sniper M24																			
H										Turn-IN Unserv. FWI Cond Code: F																			
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BARBER - M24 M3409306474

[illegible]

BARBER - M24 0106435

BARBER - M24 0106436

[illegible]

GPO : 1991 0 - 301-856 (40140)

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 M24098106475

DOC IDENT		*RI FROM		M & S		STOCK NUMBER										QUANTITY		DOCUMENT NUMBER										SUPPLEMENTARY ADDRESS		S G W A L		F U N D		D I S T R I B U T I O N		P R O J E C T		P A R T		R E Q ' D D E L D A T E		A D V C E		R I		UNIT PRICE																		
A5A WHJ						1005 01 240 2136										EA00001		WX3JNC 4309 AAJ3																13								F		5,000.00																				
SHIPPED FROM P2-100, USAG-HI, STORAGE BR BLDG 6037, EAST RANGE S.B. HI 96857-5006															SHIP TO REMINGTON ARMS CO INC. 14 HOEFLER AVENUE ILION, NY 13357															MARK FOR		PROJECT										TOTAL PRICE																						
																																										DOLLARS CTS. 5,000.00																						
WAREHOUSE LOCATION										TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																				
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4										5					6					9										10																																		
REMARKS: FOR REPAIR AND RETURN															MAT CAT M, 622-3935																																																	
AA															BB															CC															DD										EE									
FIRST DESTINATION ADDRESS															DATE SHIPPED															PATSU UEHARA, COMMERCIAL TEL # (808) 622-4337																																		
11															12															FF															GG																			
13 TRANSPORTATION CHARGEABLE TO															14 BLADING, AWW, OR RECEIVER'S SIGNATURE (AND DATE)															15 RECEIVER'S DOCUMENT NUMBER																																		

DD Form 1348-1, SEP 87

Jun 86 edition may be used

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

*U.S. Government Printing Office: 1989-244-058

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0106437

Final Inspection

Sn: C6349041

DATE REC'D: 1/16/95

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: _____

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *06349041* *New Barrel*

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		<i>1/30/95</i>	<i>RW</i>
600	Proof		<i>1/30/95</i>	<i>RW</i>
607	Check Headspace		<i>1/30/95</i>	<i>RW</i>
610	Dis-assemble Gun		<i>1/30/95</i>	<i>RW</i>
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		<i>3/10/95</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>3/10/95</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>3/10/95</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>3/10/95</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>3/10/95</i>	<i>RW</i>

op. #	BARBER - M24 0106440 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		3/13/95	Re
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		3/13/95	Re
655	Final Inspection			
	A) Headspace		3/14/95	Re
	B) Trigger Pull			
	C) Function		3/14/95	Re
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349041
28 Mar 1995

CENTROIDAL DISTANCES

0 TO 1	1.03619
1 TO 2	.923676
1 TO 3	.824934
1 TO 4	.708373
1 TO 5	1.01337

40 1
+----POA

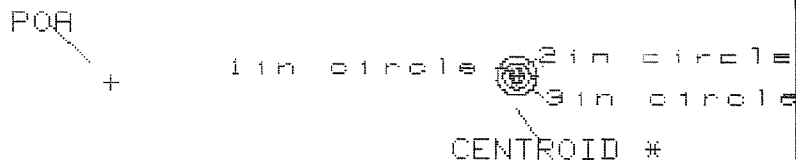
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .279
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .346335

THE AMR FOR THIS RIFLE IS: .9494

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8349041

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.334

VS= 1.673

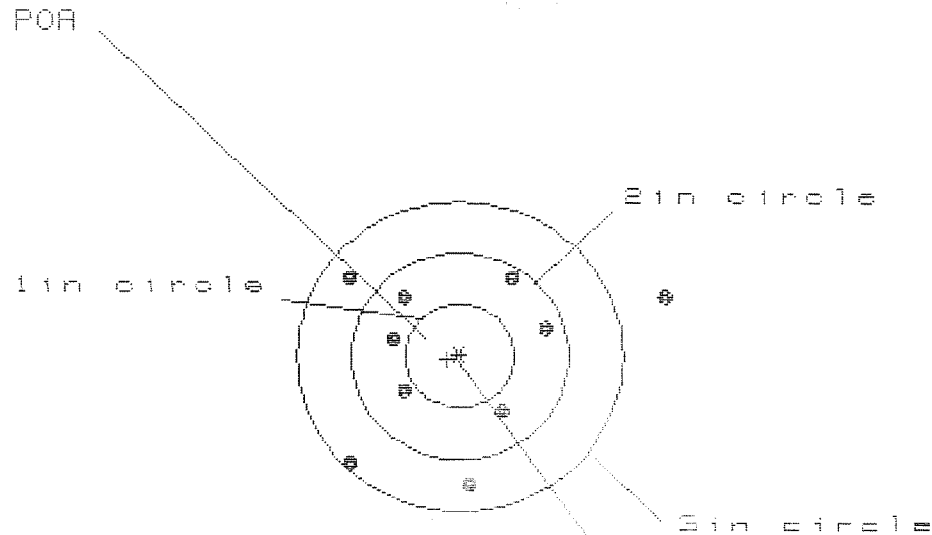
GS= 3.509

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.868	1.560	1.402
MINIMUM X	:	-1.466	-1.258	-1.031
MAXIMUM Y	:	.877	.957	.921
MINIMUM Y	:	-.796	-.716	-.752
CENTROID X	:	29.888	29.680	29.838
CENTROID Y	:	.534	.454	.490
POA TO CENTROID in.	:	29.893	29.684	29.842
MIN RADIUS	:	.330	.129	.278
MEAN RADIUS	:	1.053	.900	.863
MAX RADIUS	:	2.003	1.560	1.403
HORIZONTAL SPREAD	:	3.334	2.818	2.433
VERTICAL SPREAD	:	1.673	1.673	1.673
EXTREME SPREAD	:	3.509	2.833	2.614
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06049041

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.895

VS= 1.972

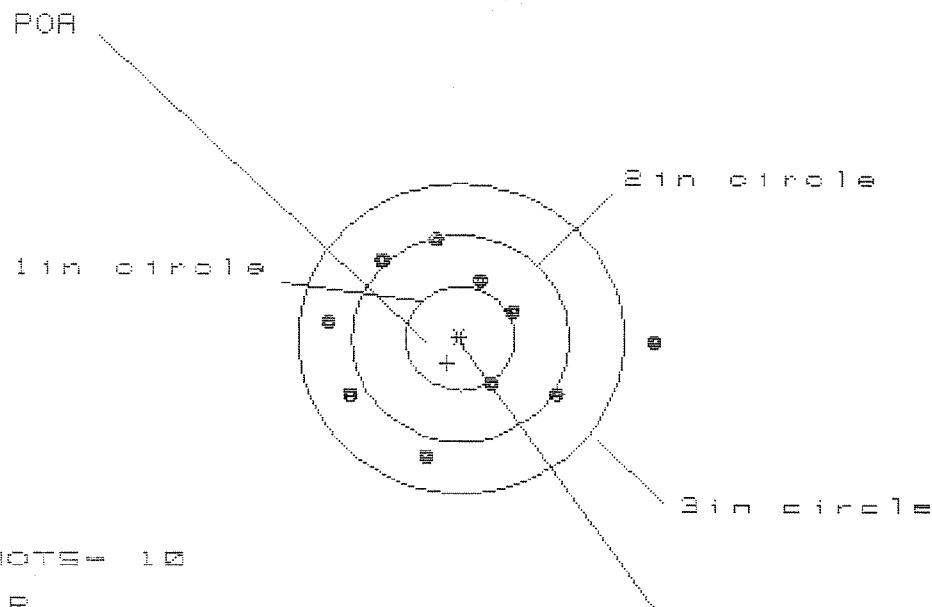
GS= 3.304

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.914	1.025	.929
MINIMUM X	:	-.981	-.768	-.862
MAXIMUM Y	:	.784	.848	.727
MINIMUM Y	:	-1.188	-1.124	-1.245
CENTROID X	:	.112	-.101	-.005
CENTROID Y	:	.033	-.031	.090
POA TO CENTROID in.	:	.116	.106	.090
MIN RADIUS	:	.659	.449	.560
MEAN RADIUS	:	1.037	.901	.854
MAX RADIUS	:	1.997	1.231	1.264
HORIZONTAL SPREAD	:	2.895	1.793	1.791
VERTICAL SPREAD	:	1.972	1.972	1.972
EXTREME SPREAD	:	3.304	2.276	2.248
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6349041

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 9

HS = 2.981

VS = 2.174

GS = 2.985

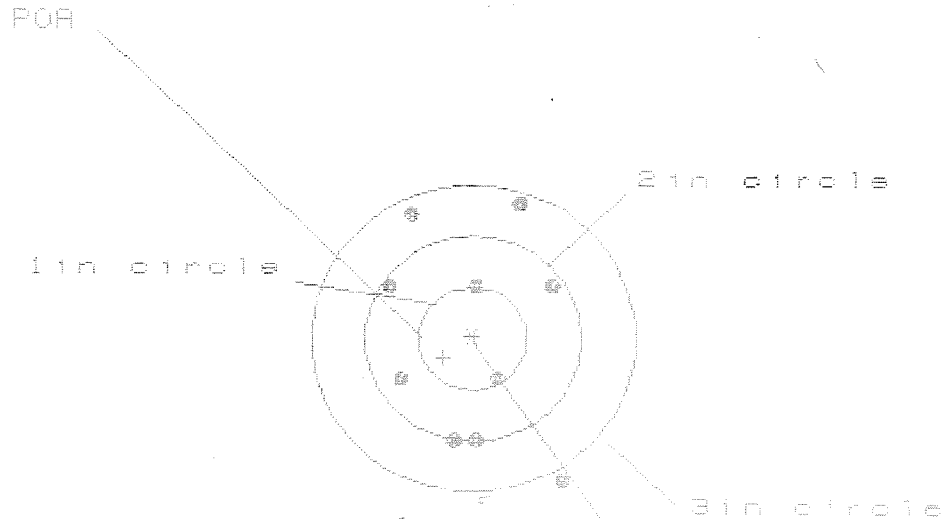
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.741
MINIMUM X	-1.240
MAXIMUM Y	1.006
MINIMUM Y	-1.168
CENTROID X	.118
CENTROID Y	.238
POA TO CENTROID in.	.265
MIN RADIUS	.525
MEAN RADIUS	1.005
MAX RADIUS	1.741
HORIZONTAL SPREAD	2.981
VERTICAL SPREAD	2.174
EXTREME SPREAD	2.985
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	9

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE/PATT/06949041

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 1.593

VS = 2.633

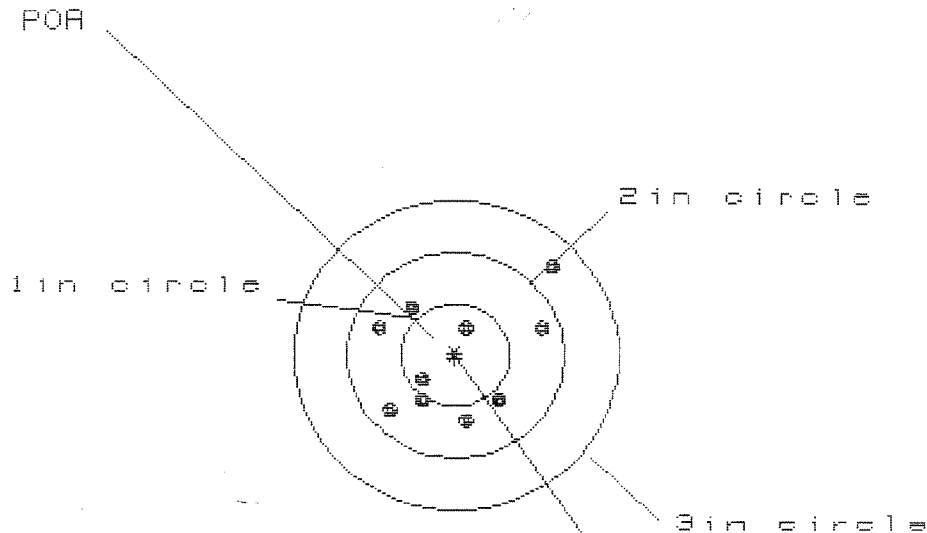
GS = 2.905

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.800	.829	.899
MINIMUM X	-.793	-.794	-.634
MAXIMUM Y	1.294	1.145	1.196
MINIMUM Y	-1.339	-1.179	-1.036
CENTROID X	.271	.182	.112
CENTROID Y	.186	.335	.192
POA TO CENTROID in.	.329	.381	.222
MIN RADIUS	.406	.412	.504
MEAN RADIUS	.982	.909	.852
MAX RADIUS	1.560	1.276	1.277
HORIZONTAL SPREAD	1.593	1.533	1.533
VERTICAL SPREAD	2.633	2.324	2.232
EXTREME SPREAD	2.905	2.368	2.318
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

28 Mar 1935

FILE:/PATTERNING/CENTERFIRE_PATT/C6349041

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS= 1.668

VS= 1.500

GS= 2.086

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.928	.900	.648
MINIMUM X	:	-.740	-.637	-.525
MAXIMUM Y	:	.887	.577	.619
MINIMUM Y	:	-.613	-.514	-.472
CENTROID X	:	.006	-.097	-.209
CENTROID Y	:	.035	-.064	-.106
POA TO CENTROID in.	:	.035	.116	.235
MIN RADIUS	:	.289	.197	.088
MEAN RADIUS	:	.670	.576	.503
MAX RADIUS	:	1.284	.962	.710
HORIZONTAL SPREAD	:	1.668	1.537	1.173
VERTICAL SPREAD	:	1.500	1.091	1.091
EXTREME SPREAD	:	2.086	1.608	1.369
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-08705

INITIAL CUSTOMER ORDER NO.

W/SCOPE

SMS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/01/99

04/01/99

C6349041

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE BASE

FROM:

SHIP TO:

COMMANDER
HHC1-27 INF
25TH INF DIN (L) & USARHAW
SCHOFIELD BARRACKS HI 96057

COMMANDER
HHC1-27 INF
25TH INF DIN (L) & USARHAW
SCHOFIELD BARRACKS HI 96057

CUST NO: 208153 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel
Bolt
Stock

96003
96005
96018

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

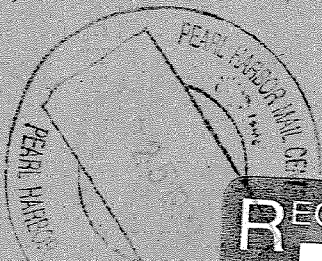
OFFICE COPY

RD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

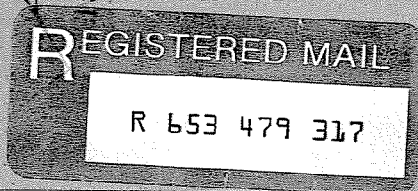
BARBER - M24 043600106486

RETURN RECEIPT REQUESTED



C6349041

W/ Hard Case Scope,
Scope Base



DEPARTMENT OF THE ARMY
CDR HHC 1-27 INF
25TH INF DIV (L) & USARHAW
SCHOFIELD BARRACKS HI 96857-6000
OFFICIAL BUSINESS



DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

REMINGTON ARMS CO
FABRICATED PRODUCTS
14 HOEFLER AVE
ILION NY 13357-1816

RETURN
RECEIPT
REQUESTED

Bolt 9026

BARBER - M24 0106449

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349041
27 May 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.1104$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.1284$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.169336$

THE AMR FOR THIS RIFLE IS: 1.33

CENTROIDAL DISTANCES

Ø TO	1	.347298
1 TO	2	.1614
1 TO	3	.914858
1 TO	4	1.30366
1 TO	5	.243528

3 5
2 1
+ <----POA

4

BARBER - M24 0106450

REMINGTON CENTERFIRE ACCURACY TEST

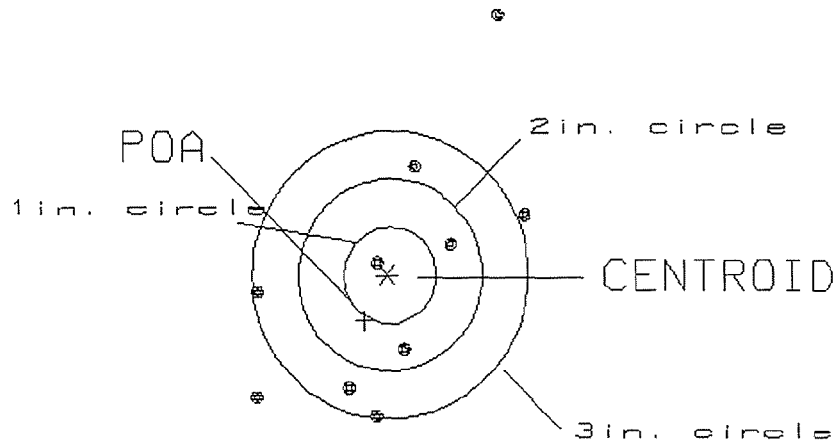
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .528
 MIN RADIUS : .224
 MEAN RADIUS : 1.353
 MAX RADIUS : 3.016
 CENTROID X : .239
 CENTROID Y : .471

27 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

H3= 2.84

1

US= 4.24

3

GS= 4.78

7

BARBER - M24 0106451

REMINGTON CENTERFIRE ACCURACY TEST

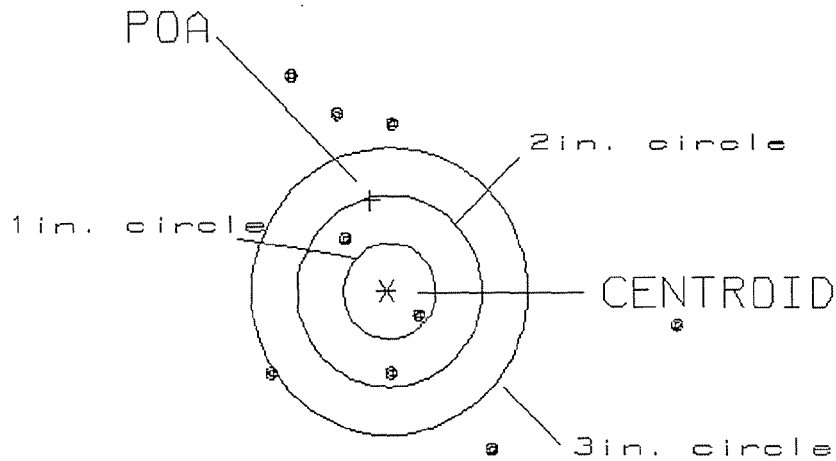
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .966
 MIN RADIUS : .381
 MEAN RADIUS : 1.752
 MAX RADIUS : 3.135
 CENTROID X : .180
 CENTROID Y : -.949

27 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.39

1

VS= 4.64

3

GS= 4.89

3

BARBER - M24 0106452

REMINGTON CENTERFIRE ACCURACY TEST

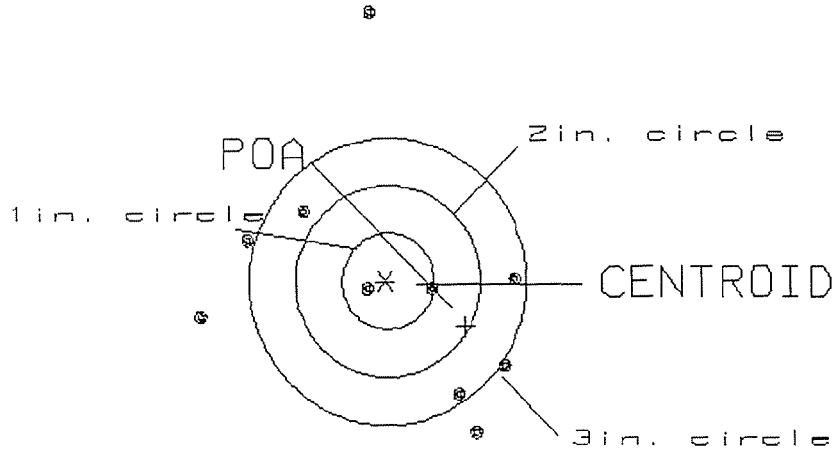
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .995
 MIN RADIUS : .260
 MEAN RADIUS : 1.465
 MAX RADIUS : 2.869
 CENTROID X : -.876
 CENTROID Y : .473

27 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.42
 VS= 4.47
 GS= 4.62

2
 2
 5

BARBER - M24 0106453

REMINGTON CENTERFIRE ACCURACY TEST

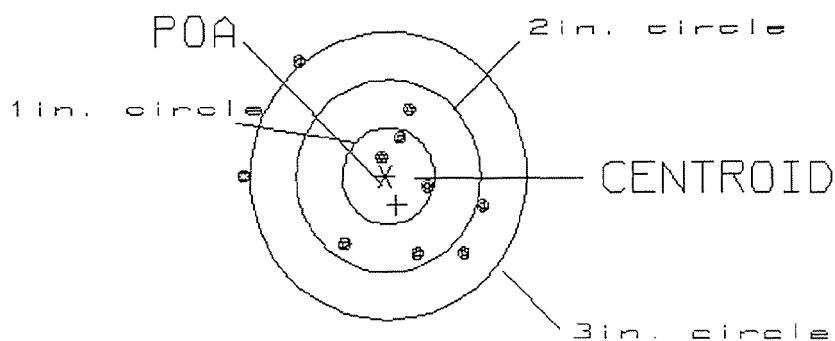
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .326
 MIN RADIUS : .252
 MEAN RADIUS : .894
 MAX RADIUS : 1.559
 CENTROID X : -.125
 CENTROID Y : .301

27 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.57

3

VS= 2.06

6

GS= 2.66

8

BARBER - M24 0106454

REMINGTON CENTERFIRE ACCURACY TEST

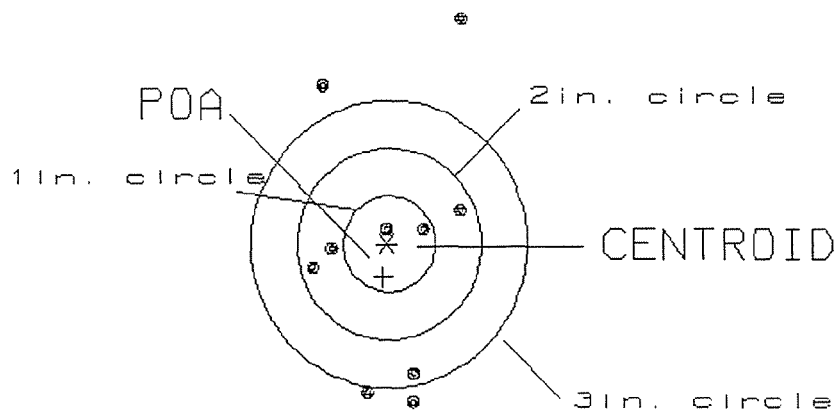
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .347
 MIN RADIUS : .142
 MEAN RADIUS : 1.186
 MAX RADIUS : 2.517
 CENTROID X : .030
 CENTROID Y : .346

27 May 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.66

2

VS= 4.04

5

GS= 4.07

6

BARBER - M24 0106455

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349041
1 Jun 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1708
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2016
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .264226

THE AMR FOR THIS RIFLE IS: 1.2

CENTROIDAL DISTANCES

Ø TO	1	.19238
1 TO	2	.426597
1 TO	3	.209848
1 TO	4	.624058
1 TO	5	.615182

 + 2 4
 <----POA
 3 1

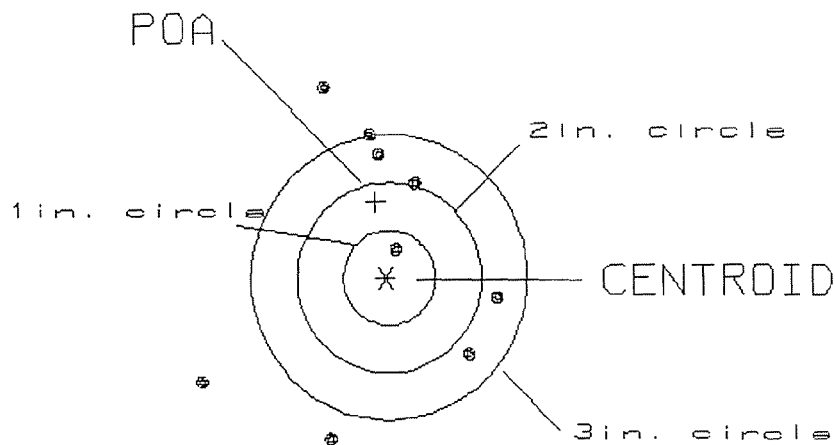
 5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .807
 MIN RADIUS : .296
 MEAN RADIUS : 1.540
 MAX RADIUS : 2.628
 CENTROID X : .123
 CENTROID Y : -.798

1 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.19
 VS= 4.36
 GS= 4.78

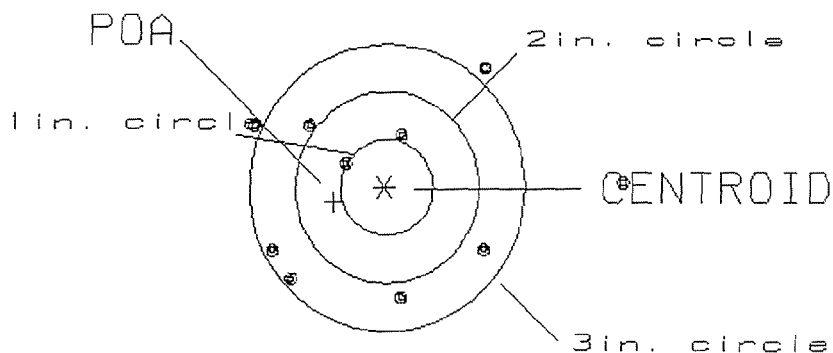
1
 1
 6

PATTERN #: 2
 POA TO CENTROID: .565
 MIN RADIUS : .521
 MEAN RADIUS : 1.327
 MAX RADIUS : 2.545
 CENTROID X : .545
 CENTROID Y : .151

1 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.97

0

VS= 2.39

2

GS= 4.02

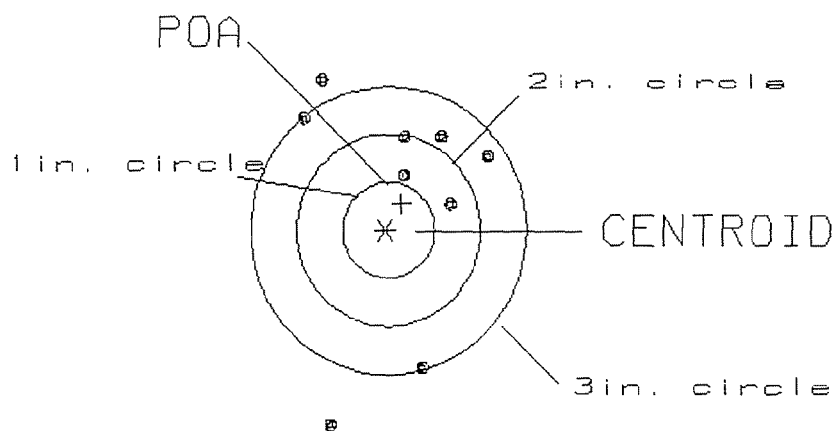
7

PATTERN #: 3
 POA TO CENTROID: .320
 MIN RADIUS : .604
 MEAN RADIUS : 1.473
 MAX RADIUS : 3.031
 CENTROID X : -.171
 CENTROID Y : -.271

1 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.02

0

VS= 4.51

3

GS= 4.51

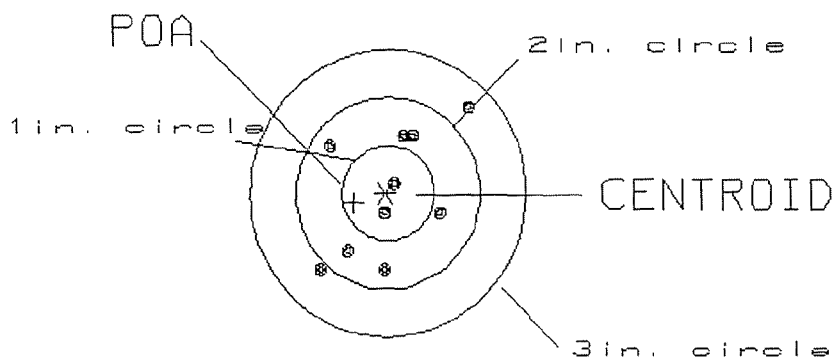
6

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .349
 MIN RADIUS : .137
 MEAN RADIUS : .686
 MAX RADIUS : 1.236
 CENTROID X : .334
 CENTROID Y : .101

1 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.63

2

VS= 1.67

6

GS= 2.33

10

BARBER - M24 0106460

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

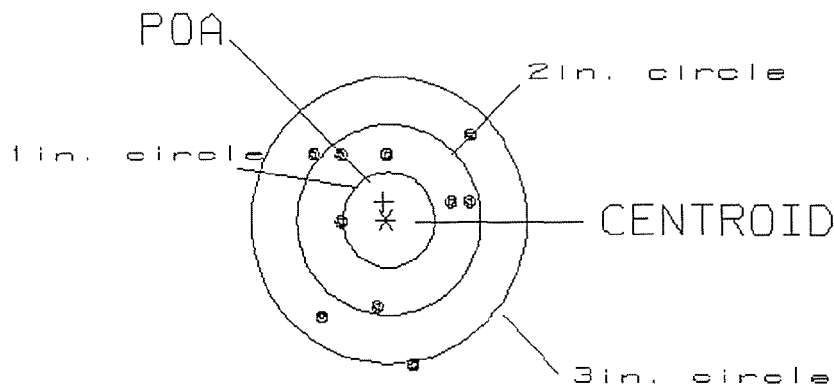
PATTERN #: 5

POA TO CENTROID: .192
 MIN RADIUS : .515
 MEAN RADIUS : .975
 MAX RADIUS : 1.558
 CENTROID X : .023
 CENTROID Y : -.191

1 Jun 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349041.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.72
 VS= 2.45
 GS= 2.51

0
 6
 9

[illegible]

BARBER - M24 M2408106500

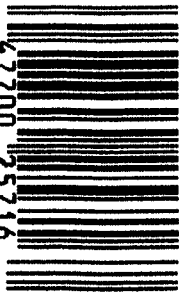
**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**



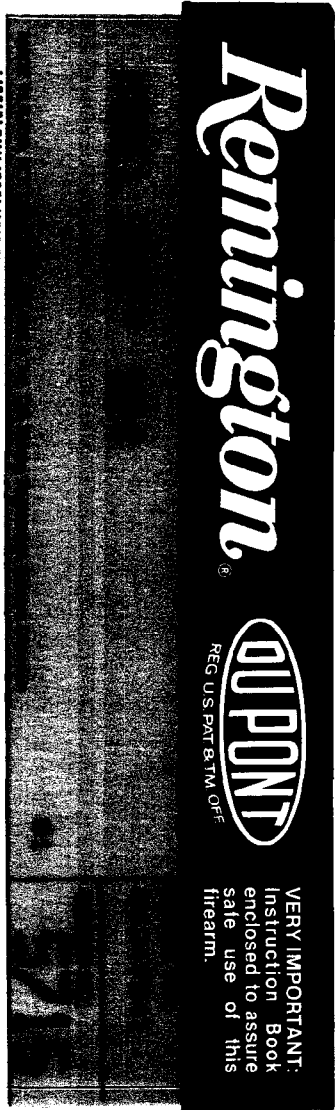
5716 C6349041



0 47700 25716 7



UPC



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: **RE00121718** Serial: C6349041 Model M24 SWS Center Fire
 Verify Repair: **High Priority** Caliber: 7.62 NATO Produced: 03/19/1990 Repairman: _____
 Status: New 12/11/2006 10:20:38 AM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **DEPARTMENT OF THE ARMY** **DEPARTMENT OF THE ARMY**
 Address 1: **225 BSB (SSA)** **225 BSB (SSA)**
 Address 2: **ATTN: CW3 FUJIHARA** PO Box: _____ **ATTN: CW3 FUJIHARA** PO Box: _____
 City: **SCHOFIELD BARRACKS** **SCHOFIELD BARRACKS**
 State: **HI** Zip Code: **96857** Country: **US** State: **HI** Zip Code: **96857** 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>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	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																	
A007	With Stud	3																	
A010	Hard Case	1																	
A017	Scope Base	1																	
A057	Fit and Rear Sgt Base	1																	

Repair Search | Refresh | Close

naglet | 12/13/2006 | 1:16 PM | CAPS | NUM | INS | SCRL

start | 4 Micros... | 8 Intern... | 3 Micros... | Part Search... | Arms Servi... | 1:16 PM

Serial Number: **C6349041**
 Model: **M24 SWS**

RE00121718

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349041.___0
FILE DATE AND TIME: 03/08/2007 23:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.113
The Average Y Centroid of the Five Target Set:	-0.075
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.138
The Distance from Centroid Target #2 to Centroid Target #1:	0.127
The Distance from Centroid Target #3 to Centroid Target #1:	0.113
The Distance from Centroid Target #4 to Centroid Target #1:	0.108
The Distance from Centroid Target #5 to Centroid Target #1:	0.207

SERIAL NUMBER: C6349041.0

TARGET NUMBER: 1

FILE DATE: 03/08/2007

FILE TIME: 23:33

X CENTROID: 0.133

Y CENTROID: -0.034

POA TO CENTROID: 0.138

HORZ SPREAD: 2.323

VERT SPREAD: 0.879

GROUP SPREAD: 2.326

MIN RADIUS: 0.041

MAX RADIUS: 1.302

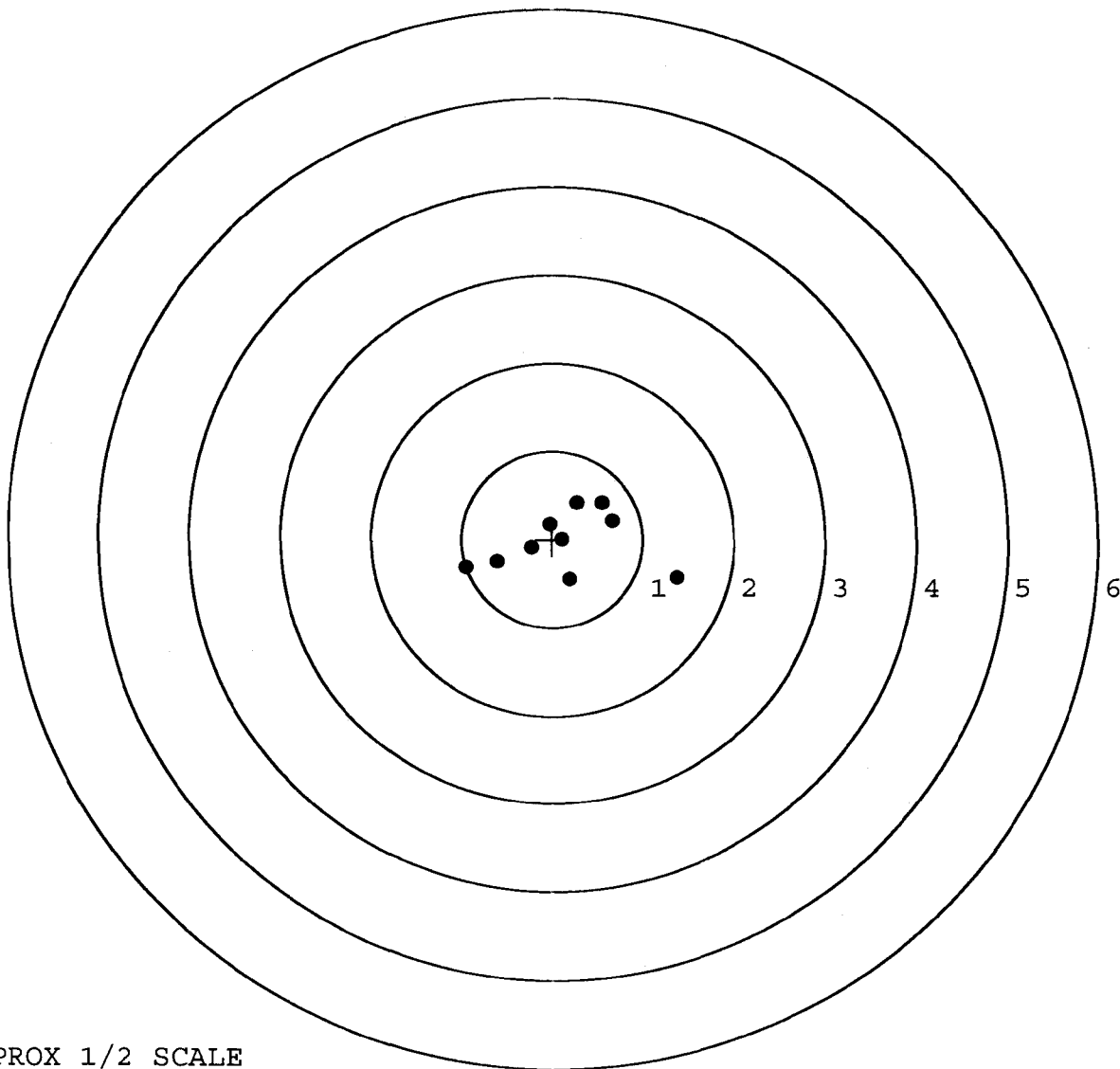
MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.952	-0.324
2:	-0.614	-0.254
3:	1.371	-0.440
4:	0.661	0.218
5:	0.551	0.422
6:	0.279	0.420
7:	-0.028	0.174
8:	-0.233	-0.094
9:	0.108	-0.002
10:	0.192	-0.457



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349041.0

TARGET NUMBER: 2

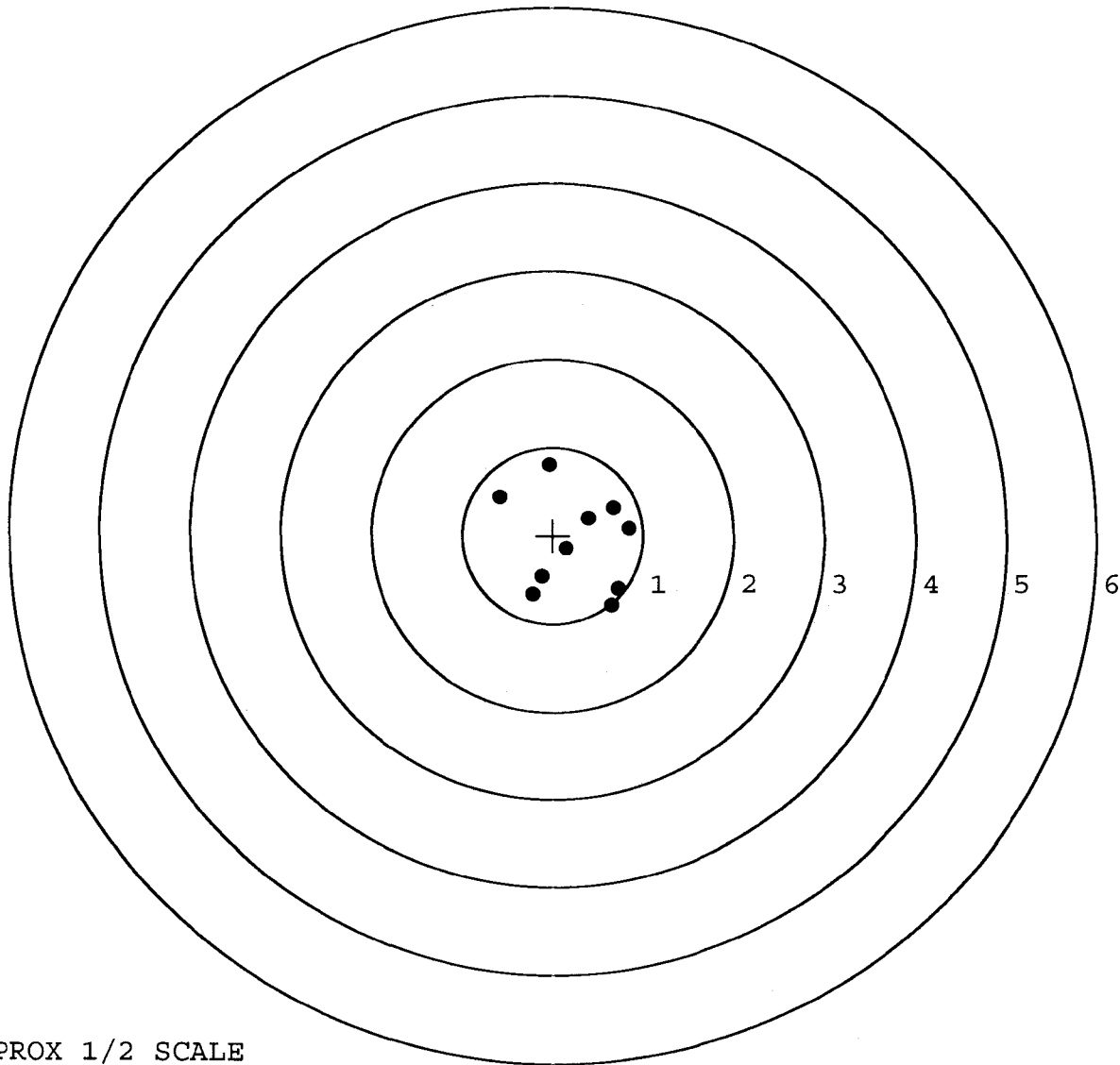
FILE DATE: 03/08/2007

FILE TIME: 23:33

X CENTROID: 0.250
Y CENTROID: -0.084
POA TO CENTROID: 0.263
HORZ SPREAD: 1.431
VERT SPREAD: 1.595
GROUP SPREAD: 1.737
MIN RADIUS: 0.117
MAX RADIUS: 0.979
MEAN RADIUS: 0.637

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.581	0.434
2:	-0.036	0.803
3:	0.406	0.199
4:	0.680	0.318
5:	0.850	0.085
6:	0.151	-0.147
7:	0.721	-0.604
8:	0.649	-0.792
9:	-0.220	-0.671
10:	-0.124	-0.469



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: **BARBER - M24 0106467** 0

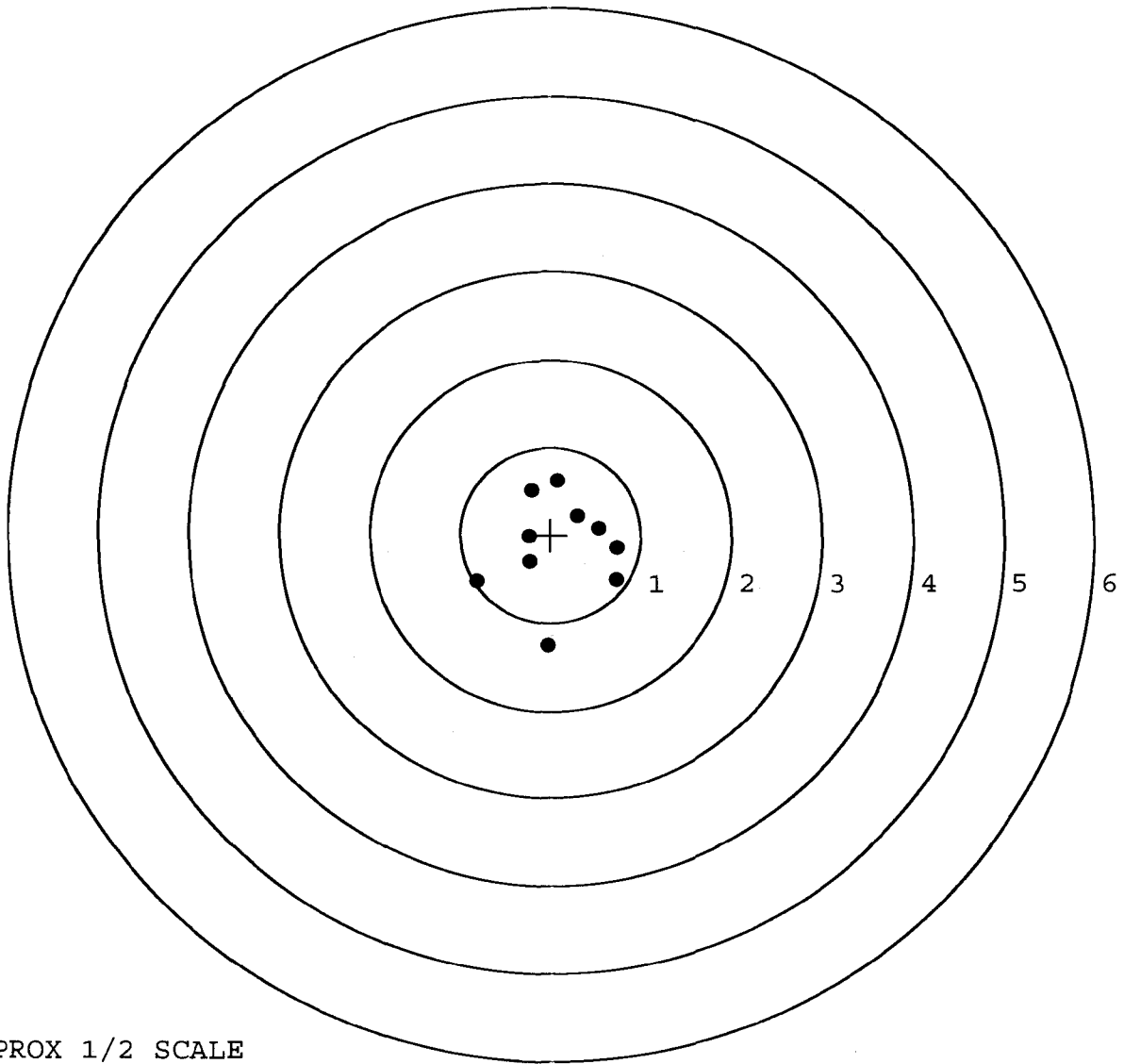
TARGET NUMBER: 3

FILE DATE: 03/08/2007

FILE TIME: 23:33

X CENTROID: 0.082
Y CENTROID: -0.134
POA TO CENTROID: 0.157
HORZ SPREAD: 1.554
VERT SPREAD: 1.869
GROUP SPREAD: 1.872
MIN RADIUS: 0.339
MAX RADIUS: 1.127
MEAN RADIUS: 0.658
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.826	-0.525
2:	-0.036	-1.255
3:	-0.238	-0.301
4:	-0.238	-0.022
5:	-0.208	0.512
6:	0.078	0.614
7:	0.304	0.219
8:	0.539	0.074
9:	0.728	-0.150
10:	0.720	-0.508



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349041.0

TARGET NUMBER: 4

FILE DATE: 03/08/2007

FILE TIME: 23:33

X CENTROID: 0.170

Y CENTROID: -0.136

POA TO CENTROID: 0.217

HORZ SPREAD: 2.380

VERT SPREAD: 1.660

GROUP SPREAD: 2.705

MIN RADIUS: 0.210

MAX RADIUS: 1.539

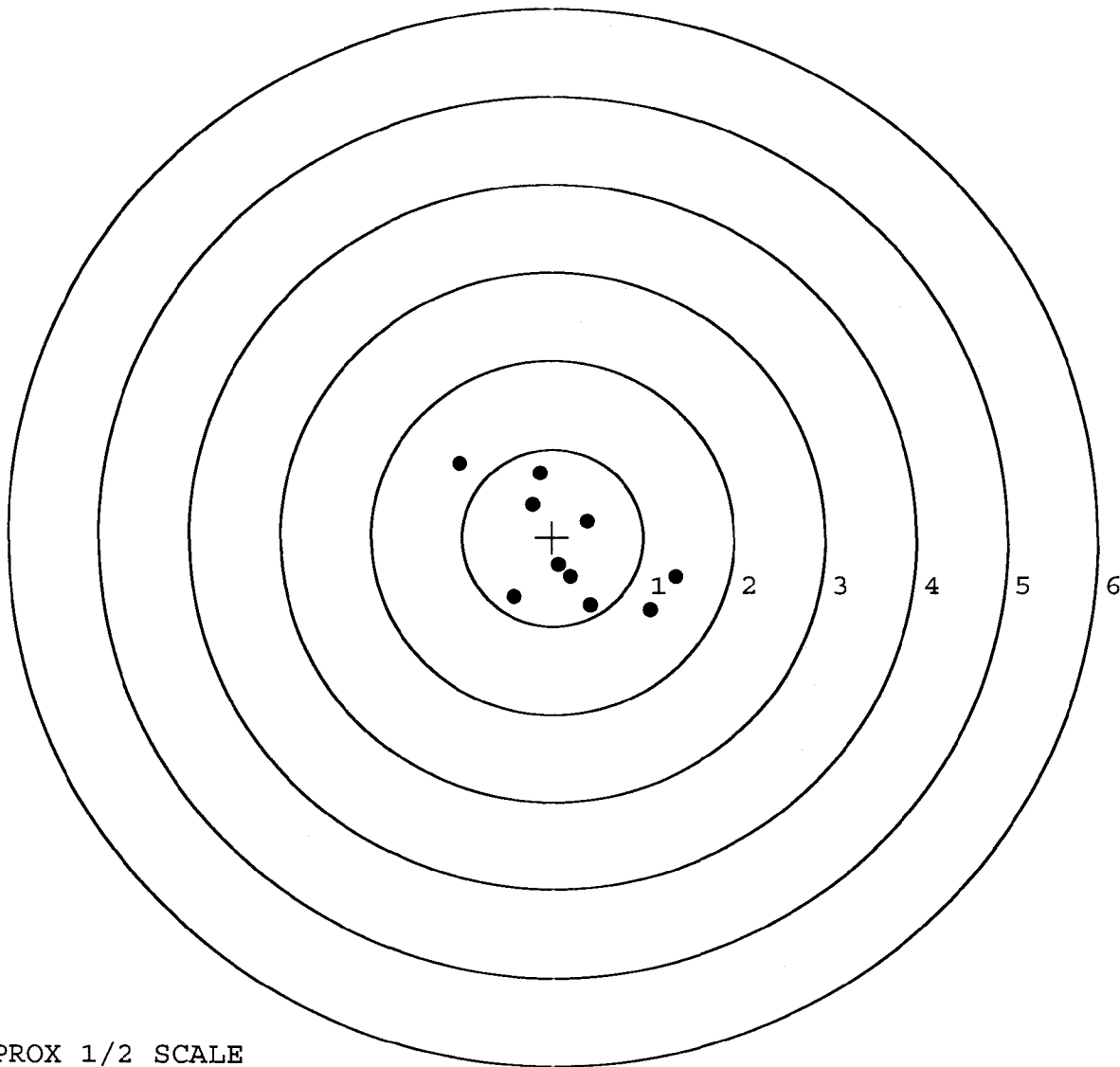
MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.022	0.839
2:	-0.136	0.728
3:	-0.215	0.376
4:	0.387	0.189
5:	0.061	-0.315
6:	0.199	-0.453
7:	0.418	-0.769
8:	1.074	-0.821
9:	1.358	-0.447
10:	-0.427	-0.683



TARGET APPROX 1/2 SCALE

BARBER - M24 0106469
SERIAL NUMBER: C6349041.0

TARGET NUMBER: 5

FILE DATE: 03/08/2007

FILE TIME: 23:33

X CENTROID: -0.068

Y CENTROID: 0.014

POA TO CENTROID: 0.070

HORZ SPREAD: 1.677

VERT SPREAD: 1.963

GROUP SPREAD: 2.582

MIN RADIUS: 0.187

MAX RADIUS: 1.294

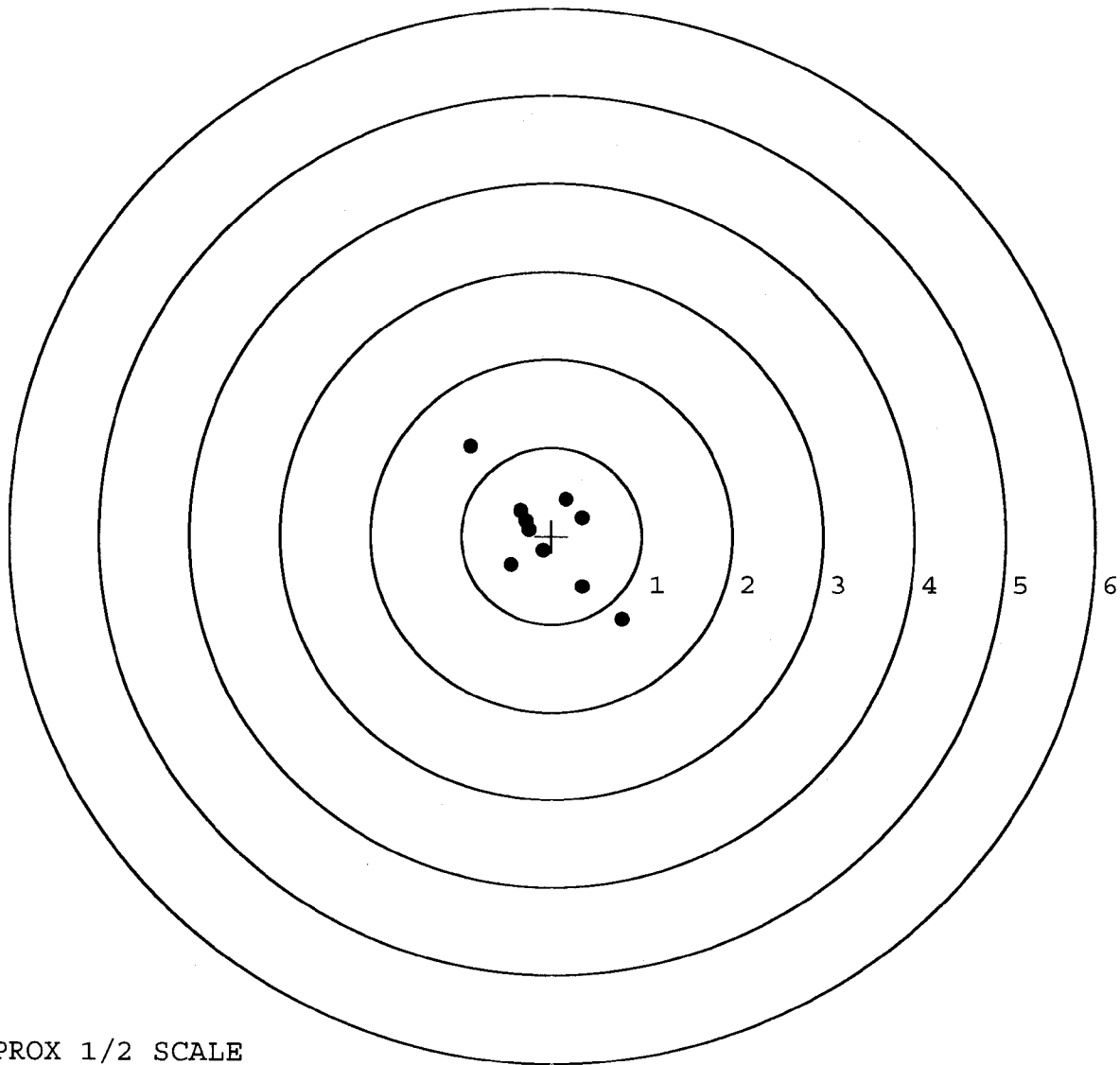
MEAN RADIUS: 0.577

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.345	-0.577
2:	0.783	-0.953
3:	0.341	0.213
4:	0.161	0.418
5:	-0.343	0.287
6:	-0.097	-0.171
7:	-0.449	-0.333
8:	-0.247	0.074
9:	-0.282	0.174
10:	-0.894	1.010

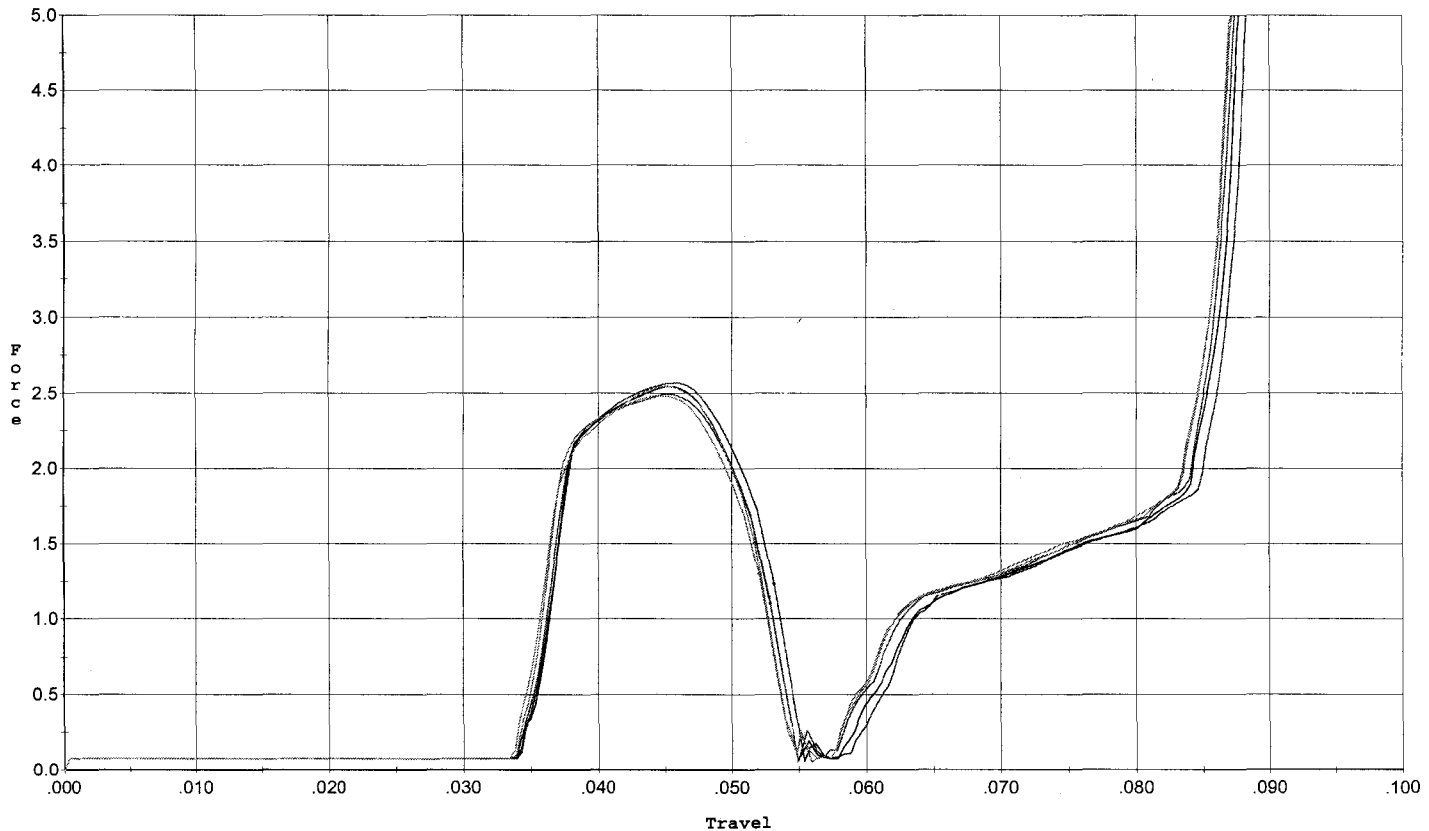


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/09/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



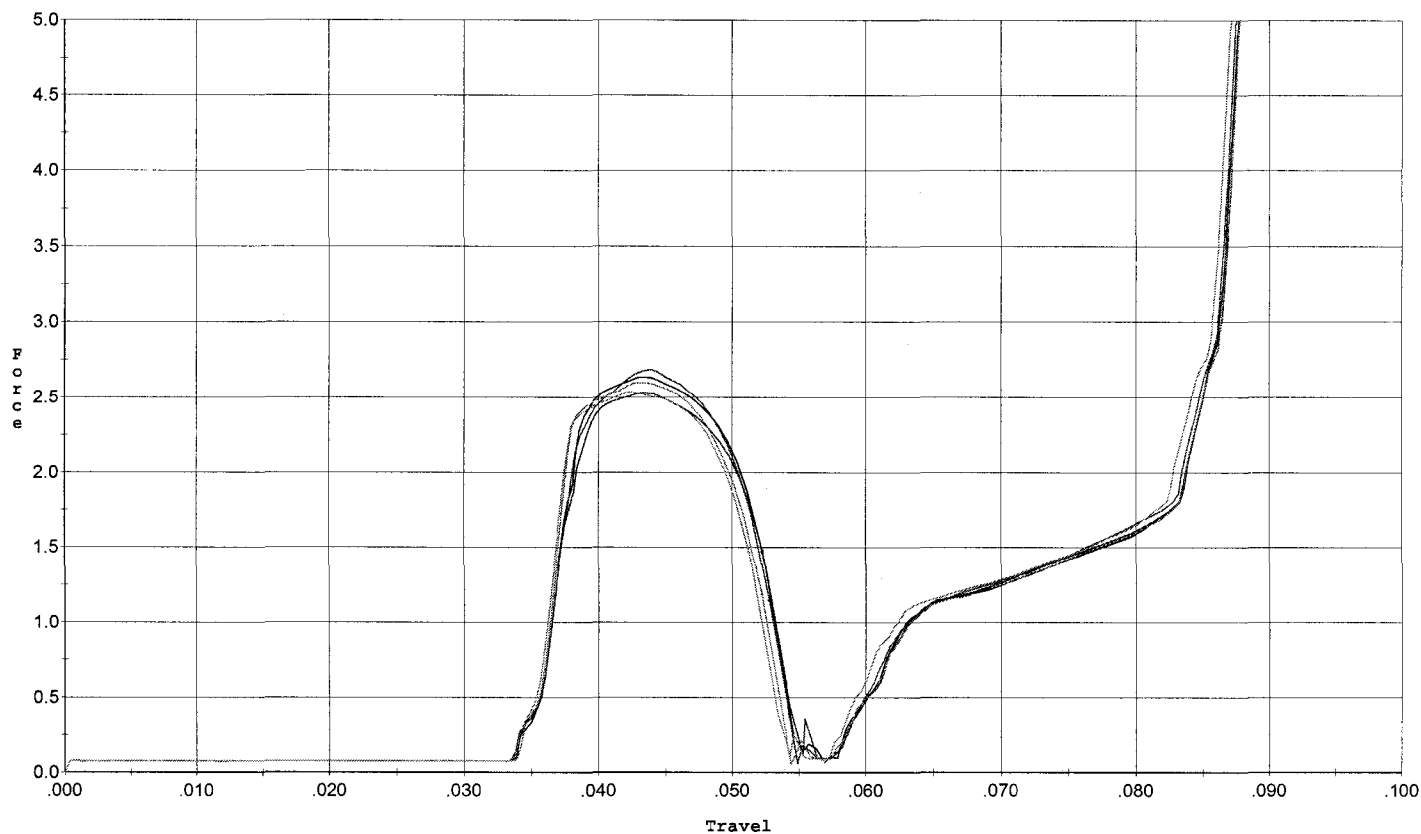
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.568	0.053	0.035	0.040	0.041		Set Trigger
2	2.544	0.053	0.034	0.040	0.039		Set Trigger
3	2.496	0.053	0.034	0.039	0.039		Set Trigger
4	2.547	0.052	0.034	0.040	0.039		Set Trigger
5	2.484	0.052	0.034	0.040	0.039		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/09/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



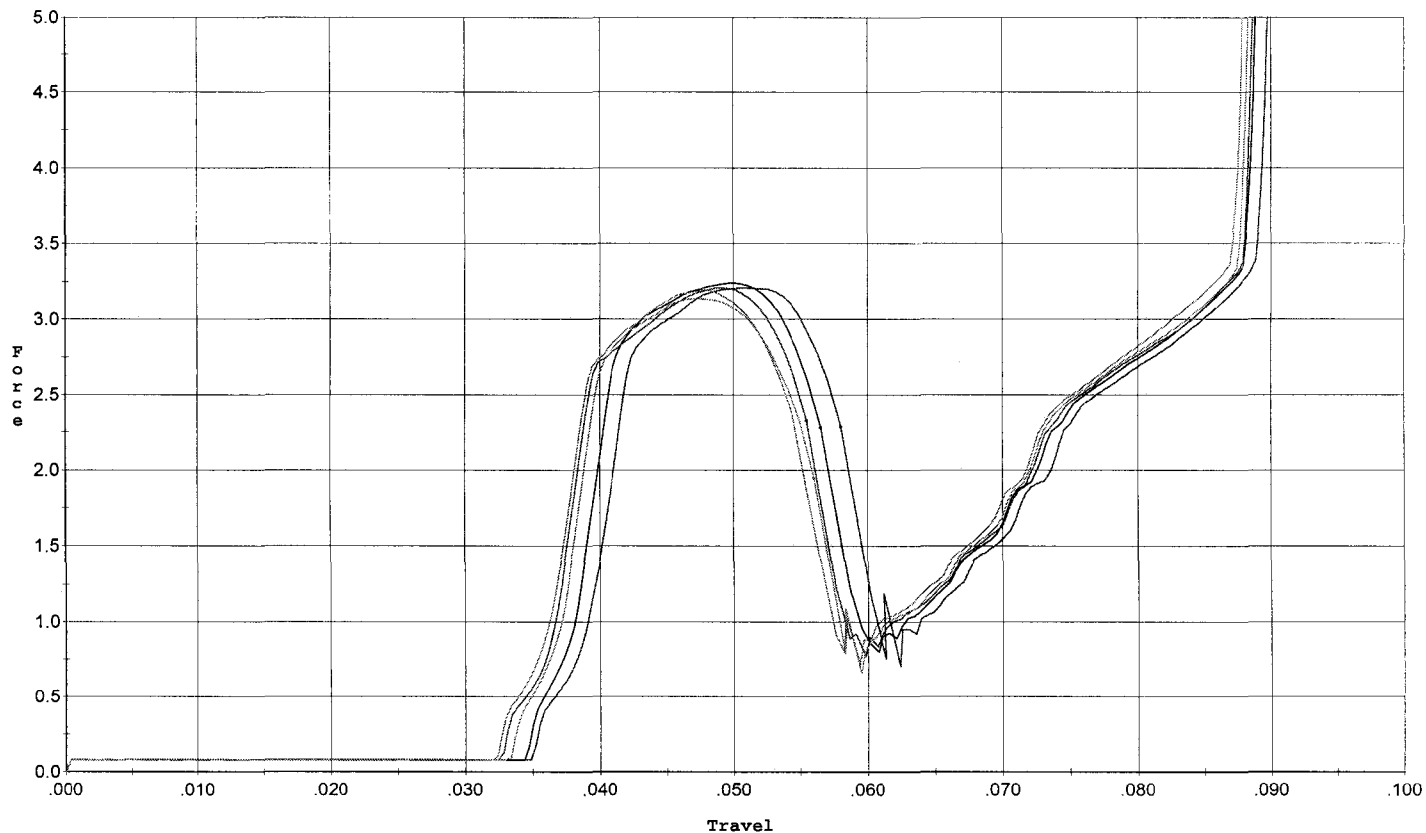
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.530	0.052	0.034	0.039	0.039		Set Trigger
2	2.634	0.052	0.034	0.039	0.040		Set Trigger
3	2.684	0.053	0.034	0.039	0.040		Set Trigger
4	2.534	0.051	0.034	0.040	0.038		Set Trigger
5	2.601	0.052	0.034	0.040	0.039		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/09/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



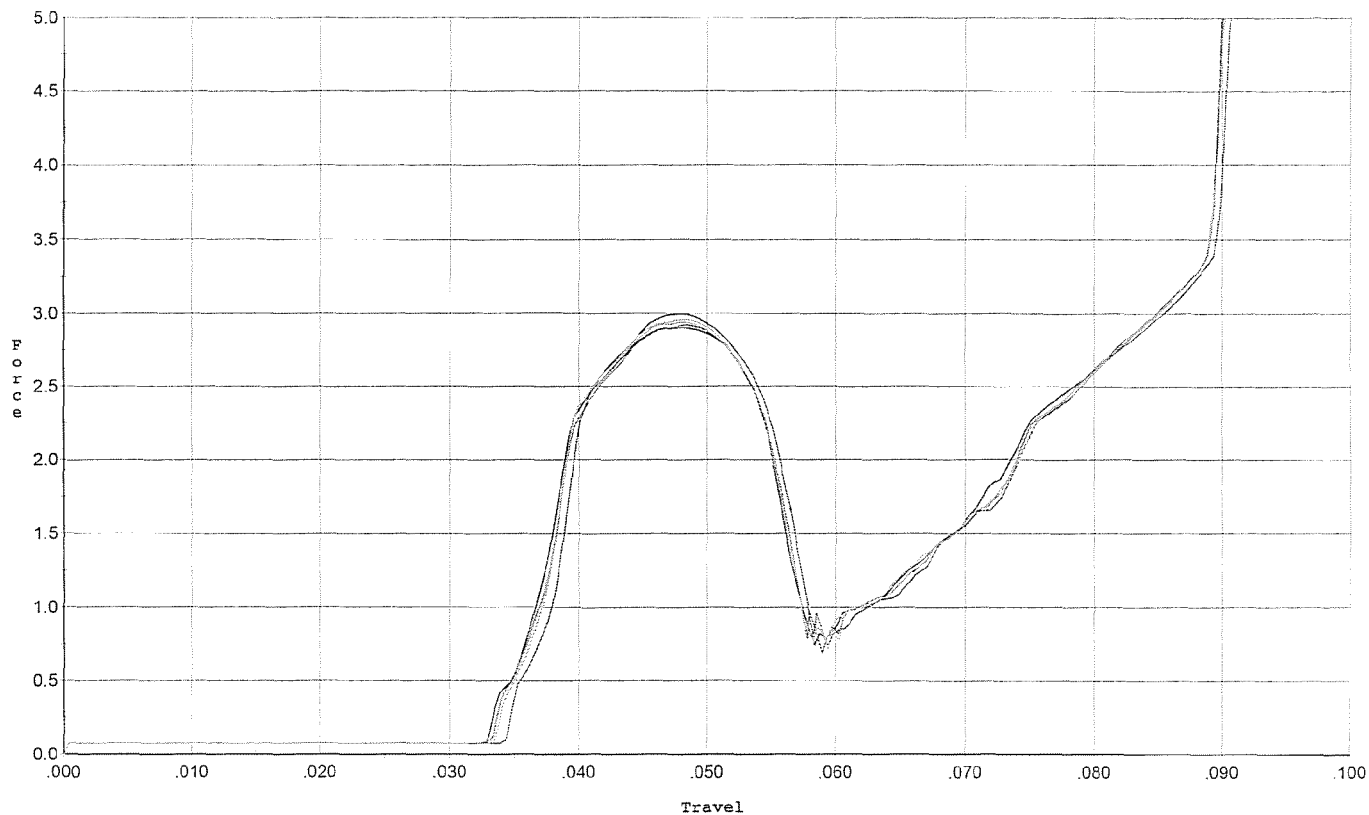
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.207	0.058	0.035	0.037	0.059		Set Trigger
2	3.242	0.057	0.035	0.037	0.058		Set Trigger
3	3.209	0.055	0.033	0.037	0.058		Set Trigger
4	3.136	0.056	0.034	0.037	0.057		Set Trigger
5	3.191	0.054	0.033	0.037	0.056		Set Trigger

Aug 3.19

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



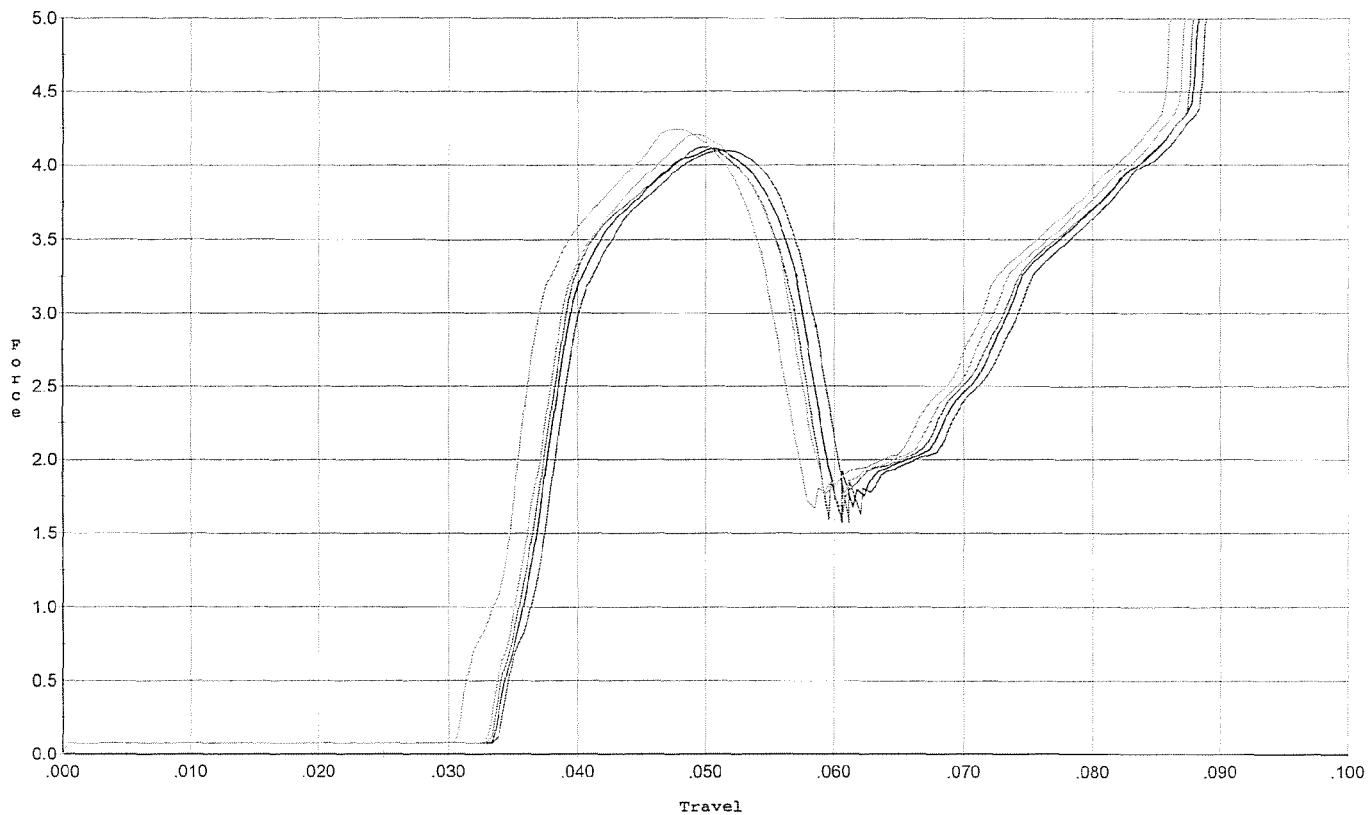
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.997	0.056	0.035	0.039	0.053		Set Trigger
2	2.905	0.055	0.033	0.039	0.051		Set Trigger
3	2.923	0.056	0.034	0.039	0.052		Set Trigger
4	2.961	0.055	0.034	0.039	0.051		Set Trigger
5	2.944	0.056	0.034	0.039	0.052		Set Trigger

Aug 2.94

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



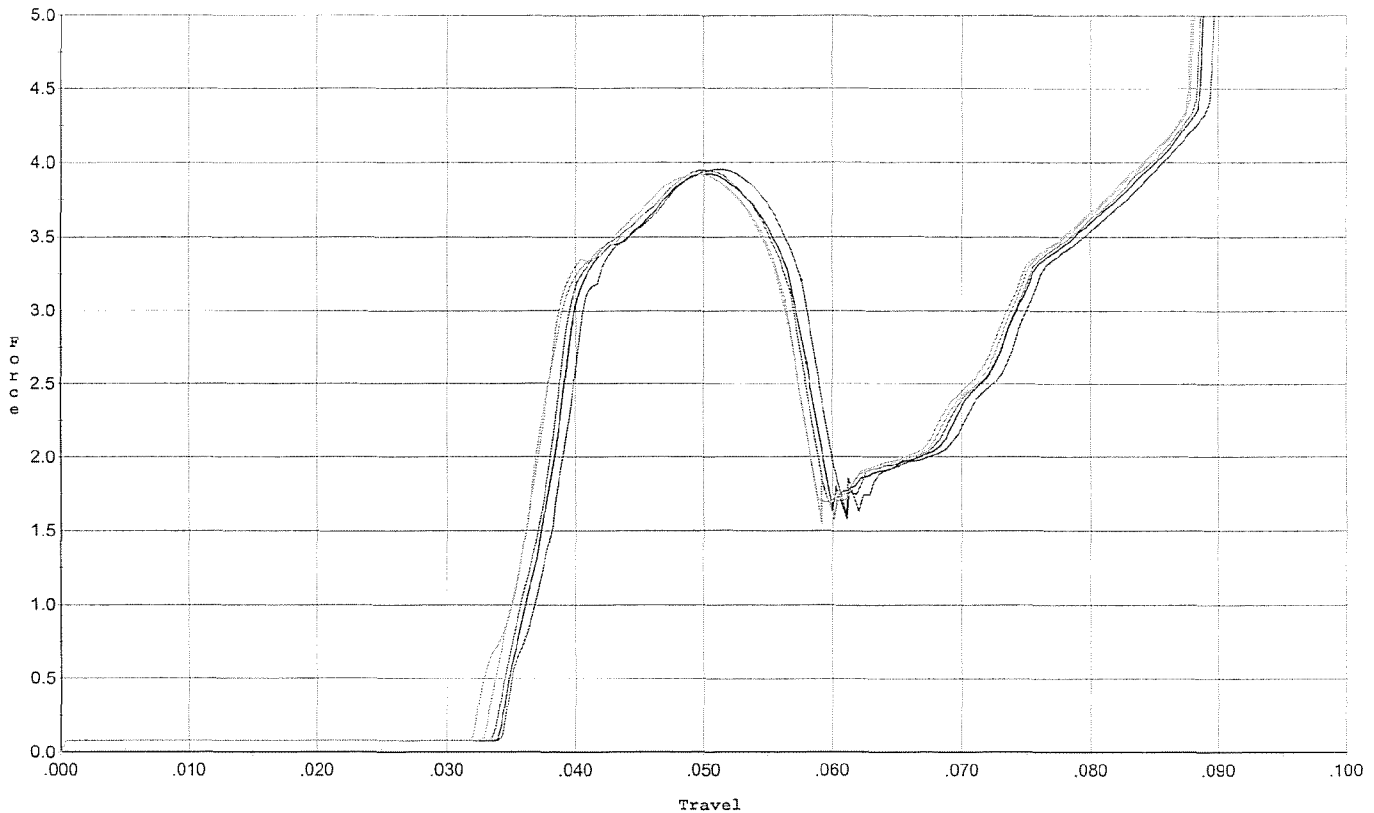
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.098	0.059	0.034	0.035	0.082		Set Trigger
2	4.110	0.057	0.034	0.035	0.080		Set Trigger
3	4.121	0.057	0.034	0.035	0.079		Set Trigger
4	4.207	0.056	0.033	0.035	0.079		Set Trigger
5	4.247	0.054	0.031	0.034	0.080		Set Trigger

Avg 4.15

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



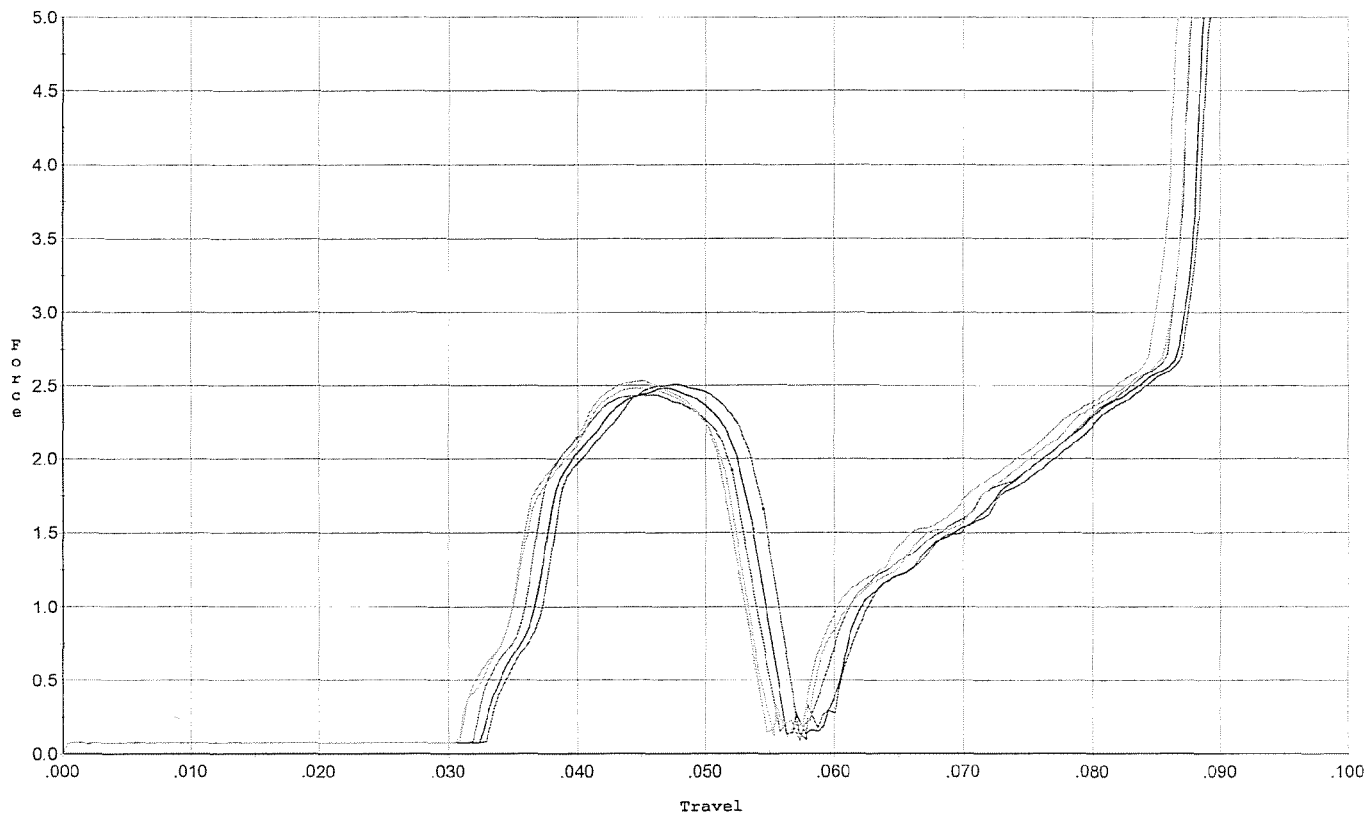
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.957	0.058	0.035	0.036	0.076		Set Trigger
2	3.923	0.058	0.034	0.035	0.076		Set Trigger
3	3.953	0.057	0.034	0.036	0.075		Set Trigger
4	3.924	0.056	0.032	0.035	0.076		Set Trigger
5	3.919	0.057	0.033	0.035	0.076		Set Trigger

Avg 3.93

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

Model: M/24
 Serial No: Form #F005
 Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



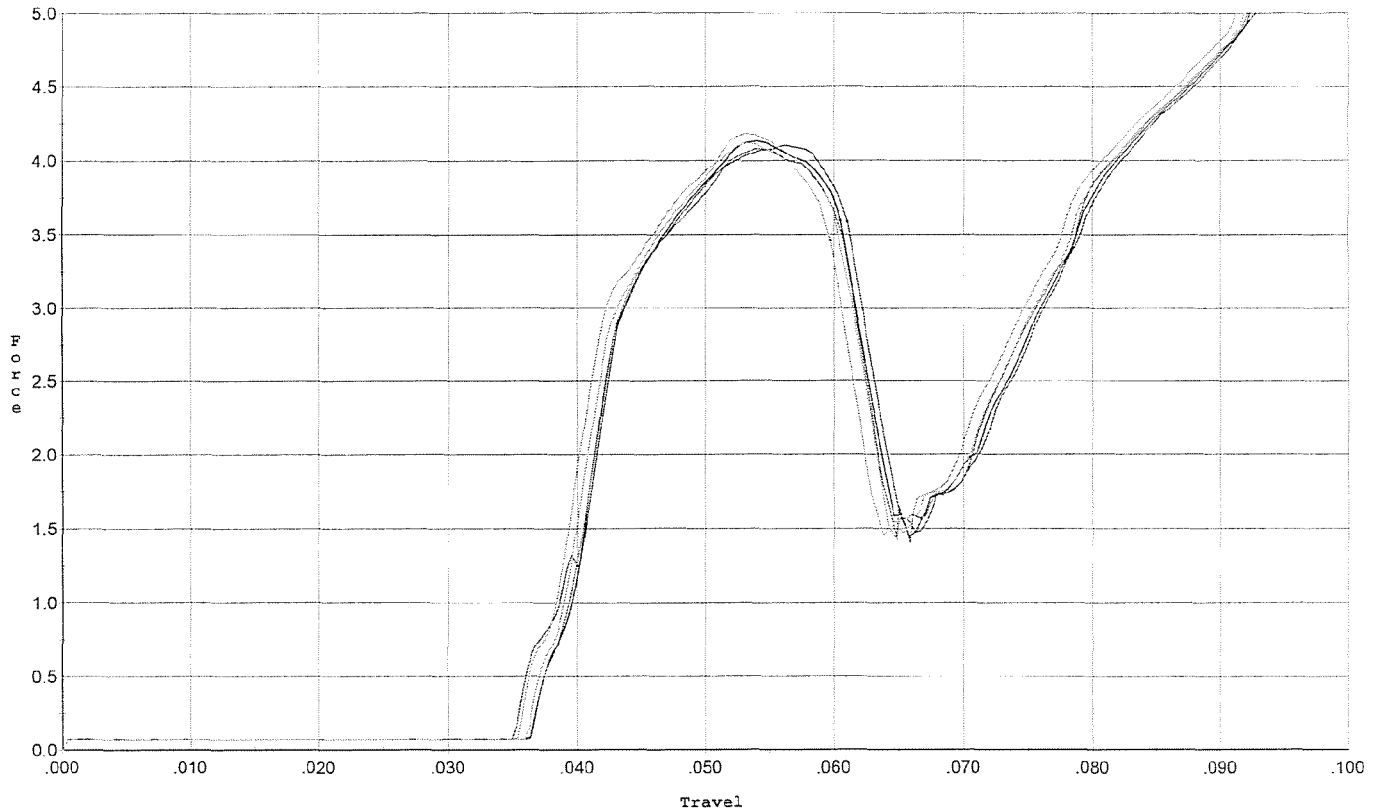
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.510	0.054	0.033	0.039	0.043		Set Trigger
2	2.485	0.054	0.033	0.039	0.042		Set Trigger
3	2.440	0.052	0.032	0.039	0.041		Set Trigger
4	2.483	0.052	0.031	0.040	0.042		Set Trigger
5	2.536	0.053	0.031	0.039	0.043		Set Trigger

AVG 2.49

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.105	0.061	0.035	0.036	0.084		Set Trigger
2	4.131	0.061	0.037	0.036	0.081		Set Trigger
3	4.082	0.061	0.037	0.036	0.080		Set Trigger
4	4.179	0.061	0.036	0.035	0.084		Set Trigger
5	4.123	0.060	0.036	0.036	0.081		Set Trigger

Aug 4.12

5281

R & E NUMBER	121718		
SERIAL NUMBER	C6349041		
LOG-IN DATE	12-11-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-07	RTZ
505	RE-BARREL	2-21-07	RR
560	ASSEMBLE	2-21-07	RTZ
600	PROOF	INSPECTED 2-21-07	TRW
605	CHECK HEADSPACE	INSPECTED 2-21-07	TRW
610	DIS-ASSEMBLE GUN	FEB 22 2007 2-21-07	RTZ
612	MAGNAFLUX	OPERATOR GPD 2-22-07	APD
510	DRILL AND TAP	N/A 2-21-07	TRW
615	ROLLMARK CALIBER	2-21-07	CW
618	ROTO-BLAST	2-22-07	CB
620	APPLY COATINGS	3-1-07	WJ
625	FINAL ASSEMBLY	3-7-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL 3-8-07	mom
650	TARGET	(PASS) FAIL 3-8-07	mom
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	3/9/07	mom
	A) HEADSPACE	(PASS) FAIL 3/9/07	mom
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.10 2.14 2.21 2.26 2.40 3-9-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 6.5 6.5 3-9-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 3.0 2.5 3-9-07 TRW
	I) FIRING PIN INDENT	.020	.021 .021 .021 ⁵ 3-9-07 TRW
690	PACK		3-19-07 RTZ

Arms Services Repair & Estimate System
BARBER - M24 0106479

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

Repair Inquiry

Repair Number: **RE00055177** Serial: C6349041 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed: 11/6/2002 8:20:15 AM

Verify Repair

Address Information

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

Name: **COMMANDER HHC 1 27 IN** **COMMANDER HHC 1 27 IN**

Address 1: Address 2: PO Box: PO Box:

City: **SCHOFIELD BARRACKS** **SCHOFIELD BARRACKS**

State: **HI** Zip Code: **96857** Country: **US** State: **HI** Zip Code: **96857** Country: **US**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Poor: Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	1
A008	With Swivel	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod, W/O LEGS	1
X	FRT & REAR SGT BA	1
XX	DEPLOYMENT KIT	1

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

naglej 11/6/2002 9:06 AM CAPS NUM JNS SCPL

start 4 M Arms... SAP 3 M Part... My D... 2 L... FW... 9:06 AM

Serial Number:

C6349041

Model: **700**



RE00055177

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C5349041.___0

FILE DATE AND TIME: 11/22/2002 09:37

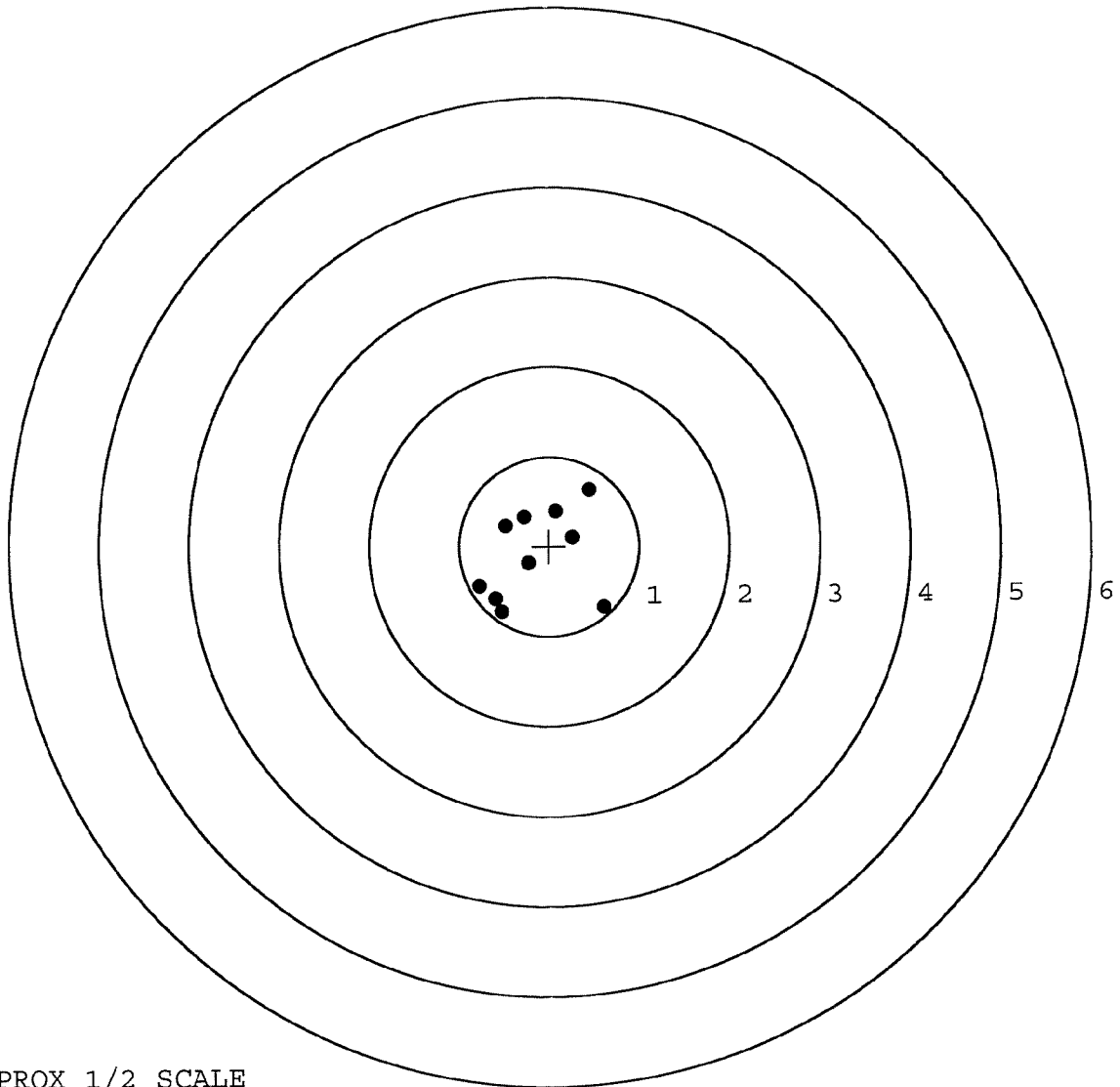
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.057
The Average Y Centroid of the Five Target Set:	-0.102
The Average Point of Impact of the Five Target Set:	0.117
The Average Mean Radius of the Five Target Set:	0.547
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.123
The Distance from Centroid Target #3 to Centroid Target #1:	0.232
The Distance from Centroid Target #4 to Centroid Target #1:	0.149
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

SERIAL NUMBER: C5349041. __0
 TARGET NUMBER: 1
 FILE DATE: 11/22/2002
 FILE TIME: 09:37

POINT#	X	Y
1:	0.607	-0.686
2:	-0.528	-0.728
3:	-0.778	-0.445
4:	-0.231	-0.192
5:	0.265	0.094
6:	0.078	0.388
7:	0.450	0.628
8:	-0.482	0.230
9:	-0.278	0.328
10:	-0.597	-0.586

X CENTROID: -0.149
 Y CENTROID: -0.097
 POA TO CENTROID: 0.178
 HORZ SPREAD: 1.385
 VERT SPREAD: 1.356
 GROUP SPREAD: 1.423
 MIN RADIUS: 0.125
 MAX RADIUS: 0.959
 MEAN RADIUS: 0.604
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

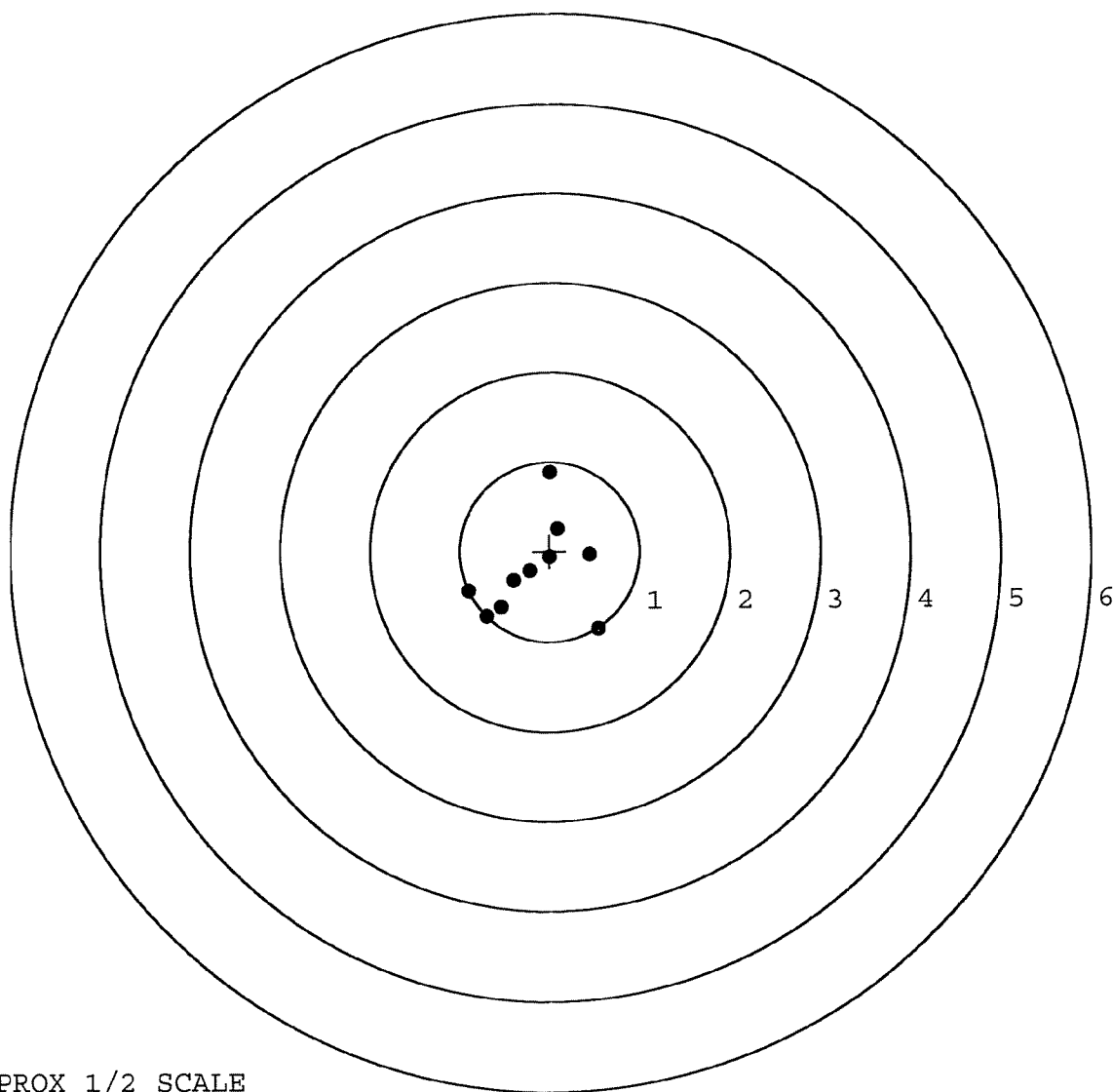


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C5349041. __0
 TARGET NUMBER: 2
 FILE DATE: 11/22/2002
 FILE TIME: 09:37

POINT#	X	Y
1:	0.546	-0.862
2:	0.449	-0.040
3:	0.087	0.249
4:	0.012	0.886
5:	-0.702	-0.726
6:	-0.905	-0.445
7:	-0.404	-0.329
8:	-0.220	-0.220
9:	0.003	-0.073
10:	-0.546	-0.625

X CENTROID: -0.168
 Y CENTROID: -0.219
 POA TO CENTROID: 0.276
 HORZ SPREAD: 1.451
 VERT SPREAD: 1.748
 GROUP SPREAD: 1.828
 MIN RADIUS: 0.052
 MAX RADIUS: 1.119
 MEAN RADIUS: 0.586
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



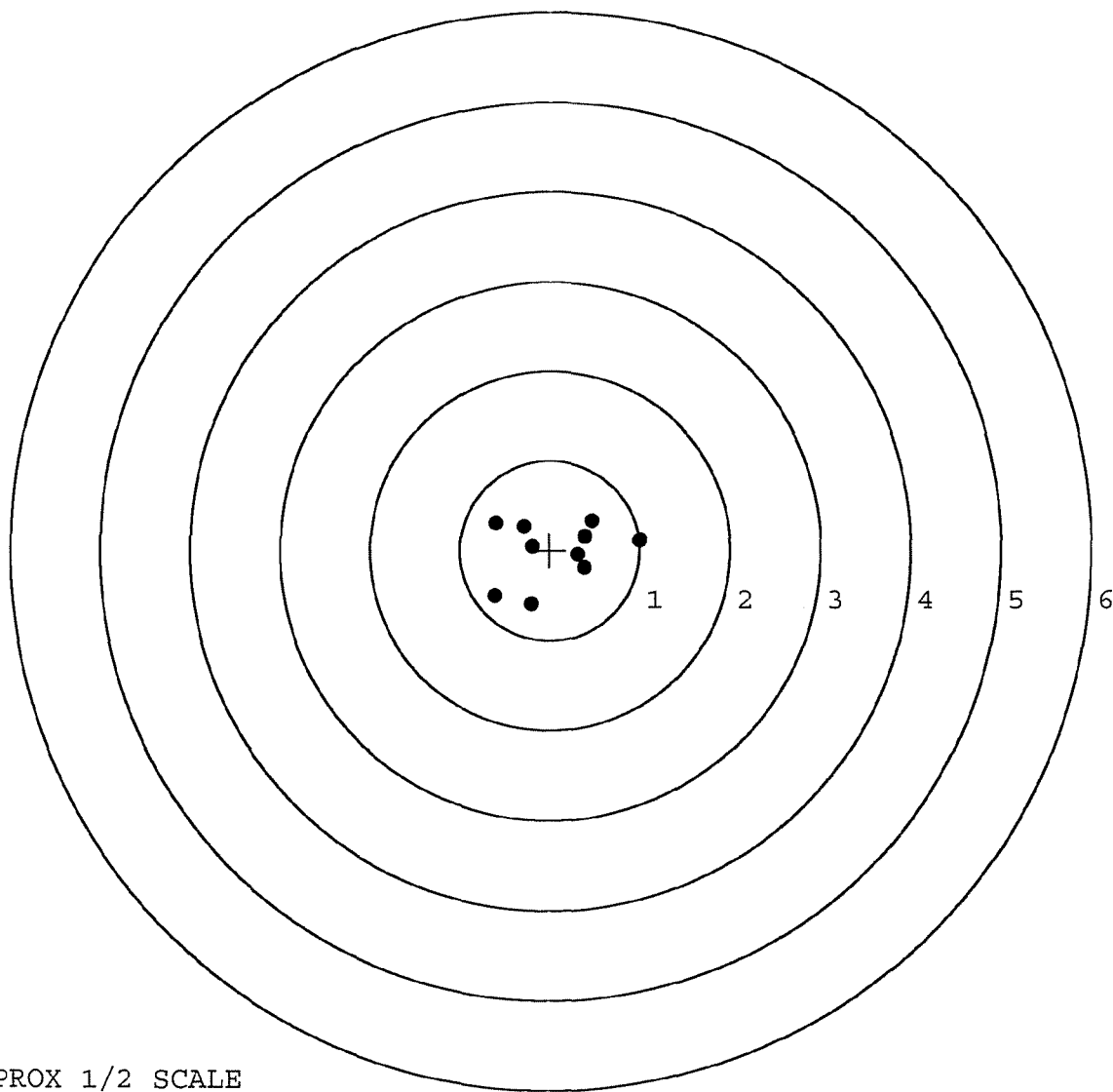
TARGET APPROX 1/2 SCALE

BARBER - M24 0106483

SERIAL NUMBER: C5349041. __0
 TARGET NUMBER: 3
 FILE DATE: 11/22/2002
 FILE TIME: 09:37

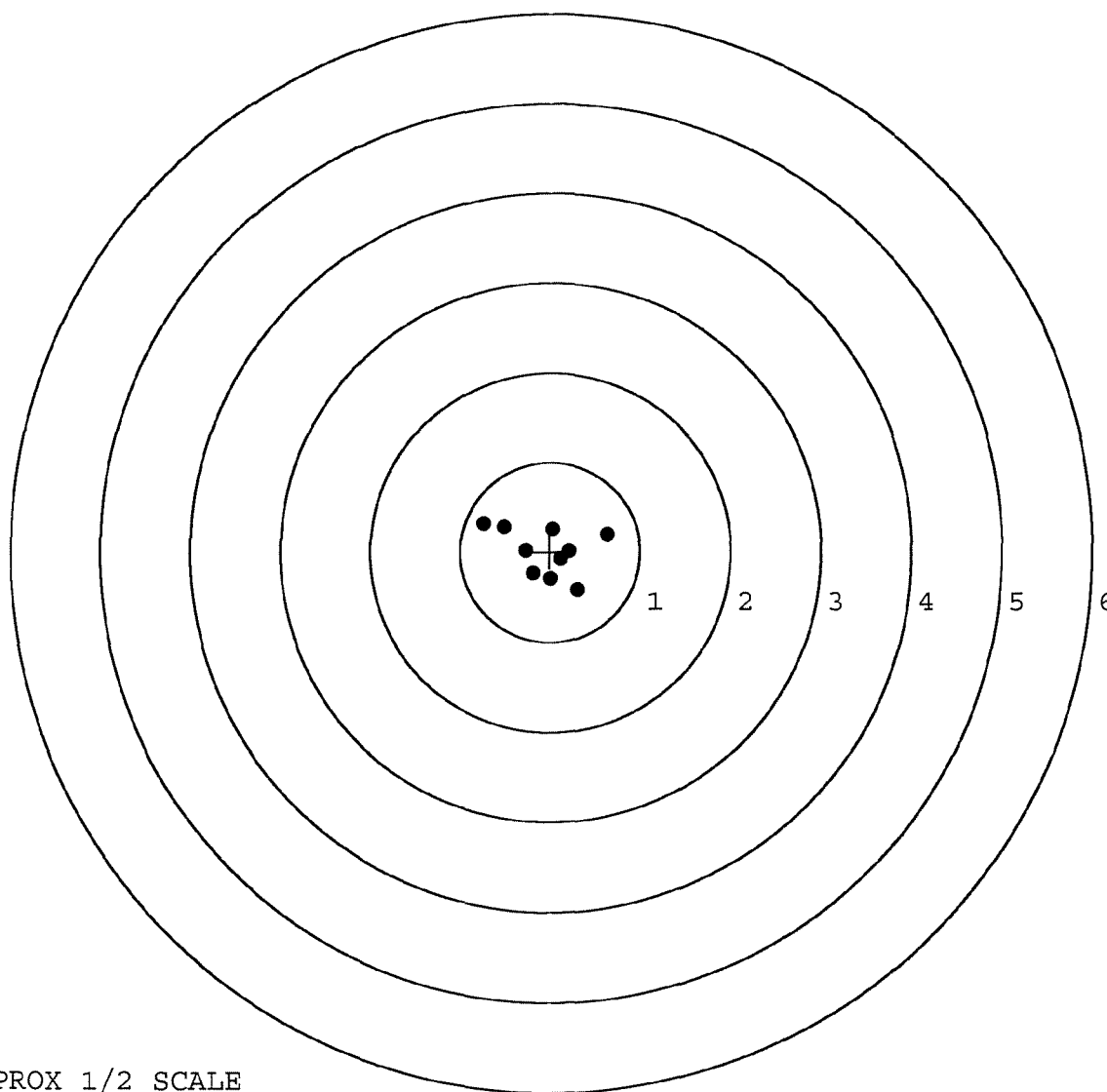
POINT#	X	Y
1:	1.006	0.111
2:	0.471	0.333
3:	0.387	0.156
4:	0.318	-0.048
5:	0.387	-0.196
6:	-0.204	-0.603
7:	-0.609	-0.510
8:	-0.190	0.043
9:	-0.292	0.263
10:	-0.601	0.305

X CENTROID: 0.067
 Y CENTROID: -0.015
 POA TO CENTROID: 0.069
 HORZ SPREAD: 1.615
 VERT SPREAD: 0.936
 GROUP SPREAD: 1.730
 MIN RADIUS: 0.253
 MAX RADIUS: 0.947
 MEAN RADIUS: 0.541
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C5349041. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.308	-0.425
FILE DATE: 11/22/2002	2:	0.636	0.197
FILE TIME: 09:37	3:	-0.515	0.277
	4:	-0.740	0.315
X CENTROID: -0.038	5:	0.035	0.247
Y CENTROID: 0.002	6:	-0.269	0.019
POA TO CENTROID: 0.038	7:	0.216	0.013
HORZ SPREAD: 1.376	8:	-0.188	-0.242
VERT SPREAD: 0.740	9:	0.011	-0.300
GROUP SPREAD: 1.381	10:	0.125	-0.084
MIN RADIUS: 0.184			
MAX RADIUS: 0.769			
MEAN RADIUS: 0.409			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C5349041. __0

TARGET NUMBER: 5

FILE DATE: 11/22/2002

FILE TIME: 09:37

X CENTROID: 0.002

Y CENTROID: -0.183

POA TO CENTROID: 0.183

HORZ SPREAD: 1.840

VERT SPREAD: 1.143

GROUP SPREAD: 1.852

MIN RADIUS: 0.226

MAX RADIUS: 0.970

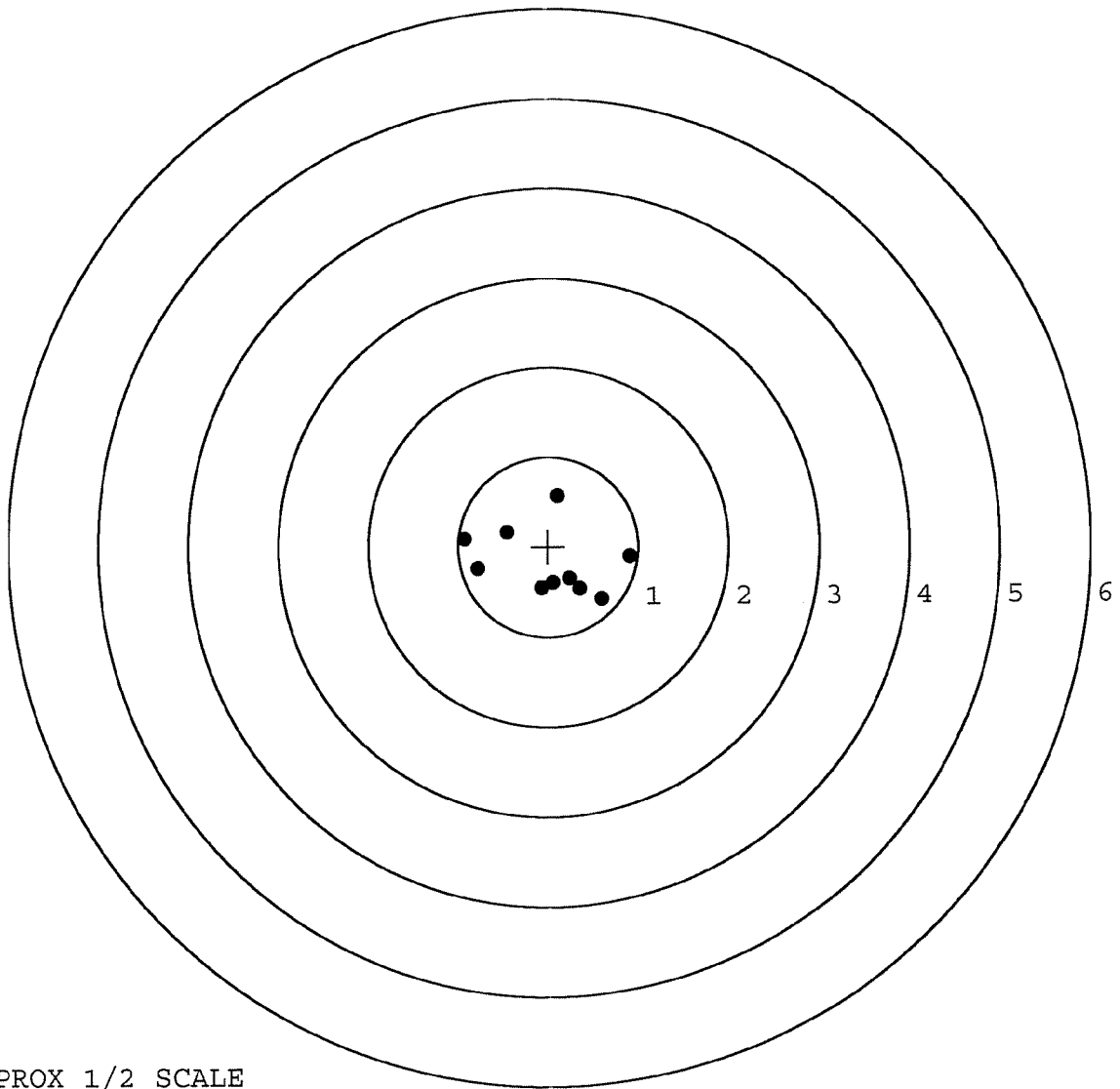
MEAN RADIUS: 0.597

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.599	-0.583
2:	0.911	-0.117
3:	0.350	-0.468
4:	0.236	-0.358
5:	-0.078	-0.466
6:	-0.783	-0.246
7:	-0.929	0.092
8:	-0.454	0.161
9:	0.107	0.560
10:	0.058	-0.401



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
CYCLES TESTS

BARBER - M24 0106486

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

SERIAL NO.

DATE 11-18-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.71		2.68	MIN. SETTING
PULL #2	2.66	2.78		2.53	NO AVG. OF 5
PULL #3	2.58	2.76		2.72	READINGS ACCEPT
PULL #4	2.59	2.77		2.63	ABLE LESS THAN
PULL #5	2.57	2.70		2.61	
TOTAL	12.96	13.72		13.17	
AVG.	2.59	2.74		2.63	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.12		
PULL #2	3.34	3.14		
PULL #3	3.42	3.34		
PULL #4	3.34	3.15		
PULL #5	3.32	3.25		
TOTAL	16.81	16.00		
AVG.	3.36	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# IF TARGET & ACCU
PULL #1	4.25	4.18		4.22
PULL #2	4.30	4.17		4.15
PULL #3	4.73	4.23		4.14
PULL #4	4.38	4.22		4.19
PULL #5	4.34	4.20		4.14
TOTAL	21.40	21.00		20.84
AVG.	4.28	4.20		4.16

R & E NUMBER	55177		
SERIAL NUMBER	C6349041		
LOG-IN DATE	11/6/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-12-02	RL
560 A	RE-BARREL	11-13-02	RL
B	DRILL AND TAP	11-13-02	TRW
575	ASSEMBLE	11-13-02	RL
600	PROOF MAGNA - FLUX	11-13-02	AC
605	CHECK HEADSPACE INSPECTED	11-13-02	AC
610	DIS-ASSEMBLE GUN NOV 13 2002	11-13-02	RL
612	MAGNAFLUX OPERATOR [Signature]	11-13-02	RL
615	ROLLMARK CALIBER	11-18-02	RL
618	ROTO-BLAST	11/14/02	P
620	APPLY COATINGS	11-19-02	TA
625 A	FINAL ASSEMBLY	11-20-02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-21-02	TRW
655	FINAL INSPECT	11-21-02	RL
660	PACK	11-21-02	TA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

In: C6349041

DATE REC'D: 11-6-02

DATE RET'D: 11-21-02

WRITER: RTL

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: _____
