

C6225524

MODEL 700™ M24

Model **SWS**™

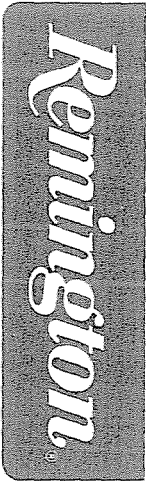
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System
BARBER - M24 0050624

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

Repair Inquiry

Repair Number: **RE00071775** Serial: C6225524 Model 700 Center Fire Caliber: 7 Repairman: _____
 Verify Repair _____ 62 NATO M24 SWS Status: Closed 10/21/2003 11:52:00 AM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: MATERIAL MOVEMENT SECTION MATERIAL MOVEMENT SECTION
 Address 1: BLDG 9630 BLDG 9630
 Address 2: PRESCOTT AVE PO Box: PRESCOTT AVE PO Box:
 City: FORT LEWIS FORT LEWIS
 State: WA Zip Code: 98433 Country: US State: WA Zip Code: 98433 Country: US

FFL: _____

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing									
Contact Information Phone: _____ Fax: _____ Email: _____ Comments: _____	Received Condition Fair Condition Notes: _____ CSR Notes: _____	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A017	Scope Base	1		
Code	Desc	Qty											
A007	With Studs	3											
A017	Scope Base	1											

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

naglej 10/21/2003 12:43 PM CAPS NUM INS SCRL

start 2 Mic 514 Trap Di Arms S... Part Se Adobe NE EL 12:43 PM

Serial Number: **C6225524**
 Model: **700**

RE00071775

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225524.___0
FILE DATE AND TIME: 11/13/2003 11:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

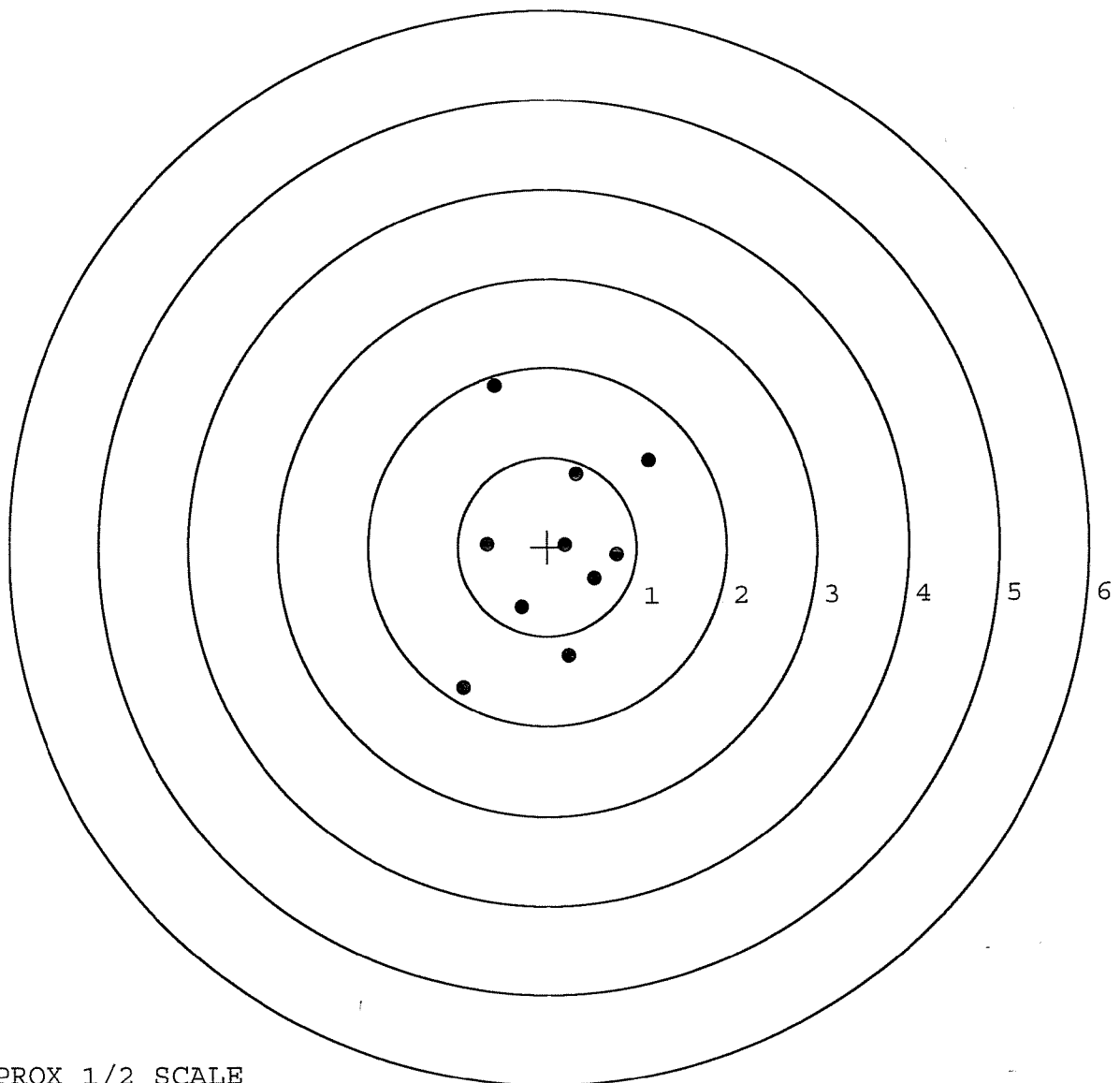
The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	0.122
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.899
The Distance from POA to Centroid Target #1:	0.079
The Distance from Centroid Target #2 to Centroid Target #1:	0.358
The Distance from Centroid Target #3 to Centroid Target #1:	0.306
The Distance from Centroid Target #4 to Centroid Target #1:	0.566
The Distance from Centroid Target #5 to Centroid Target #1:	0.339

BARBER - M24 0050626

SERIAL NUMBER: C6225524. __0
 TARGET NUMBER: 1
 FILE DATE: 11/13/2003
 FILE TIME: 11:43

POINT#	X	Y
1:	-0.583	1.794
2:	1.140	0.965
3:	0.325	0.808
4:	-0.671	0.032
5:	0.199	0.024
6:	0.776	-0.088
7:	0.528	-0.356
8:	-0.287	-0.683
9:	-0.940	-1.574
10:	0.240	-1.221

X CENTROID: 0.073
 Y CENTROID: -0.030
 POA TO CENTROID: 0.079
 HORZ SPREAD: 2.080
 VERT SPREAD: 3.368
 GROUP SPREAD: 3.387
 MIN RADIUS: 0.137
 MAX RADIUS: 1.938
 MEAN RADIUS: 1.022
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



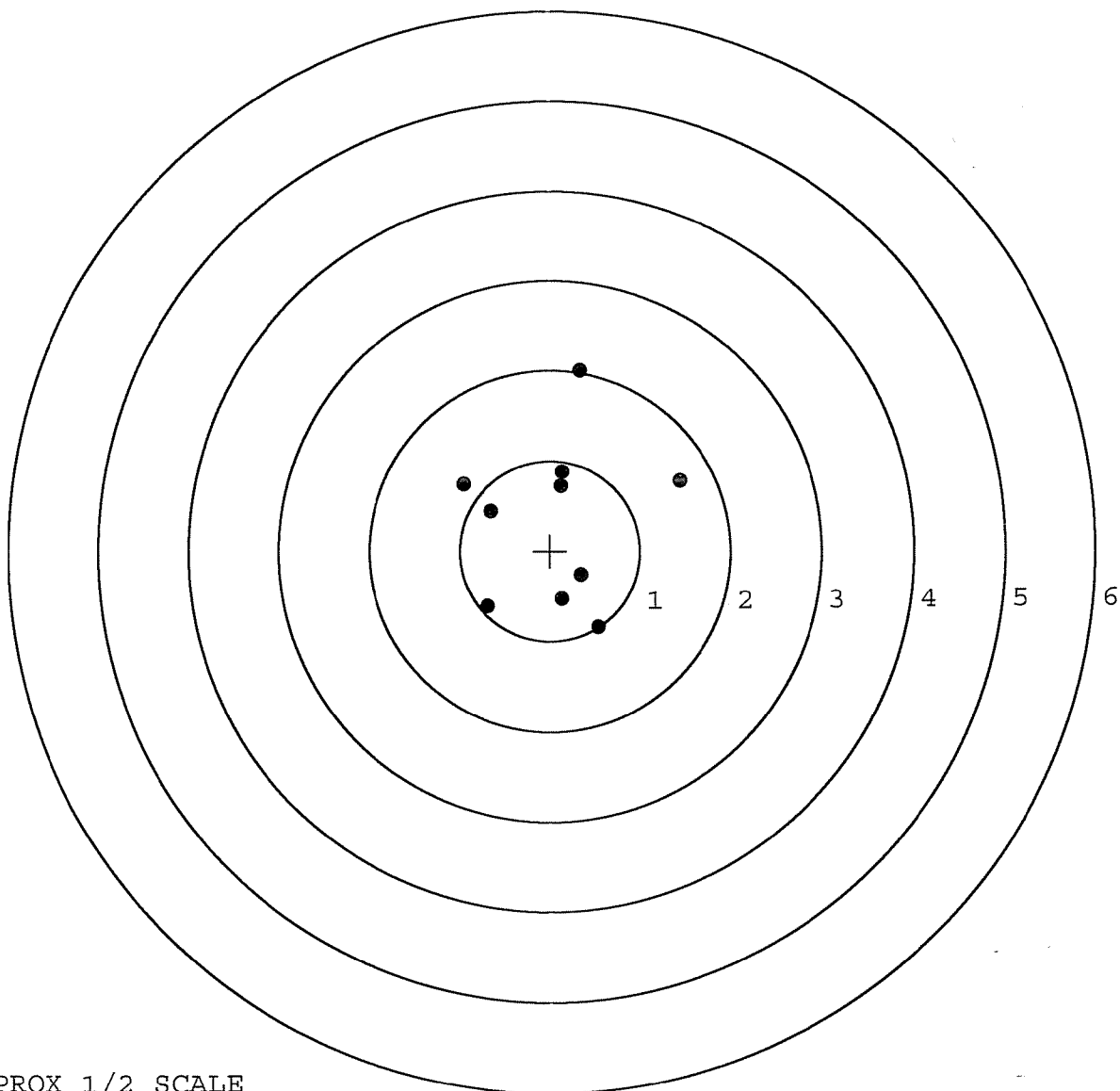
TARGET APPROX 1/2 SCALE

BARBER - M24 0050627

SERIAL NUMBER: C6225524. __0
TARGET NUMBER: 2
FILE DATE: 11/13/2003
FILE TIME: 11:43

X CENTROID: 0.075
Y CENTROID: 0.328
POA TO CENTROID: 0.337
HORZ SPREAD: 2.396
VERT SPREAD: 2.841
GROUP SPREAD: 2.848
MIN RADIUS: 0.395
MAX RADIUS: 1.687
MEAN RADIUS: 0.993
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.340	1.994
2:	0.121	0.721
3:	1.441	0.778
4:	-0.955	0.746
5:	-0.658	0.440
6:	0.345	-0.271
7:	0.128	-0.534
8:	0.540	-0.847
9:	-0.694	-0.620
10:	0.139	0.876



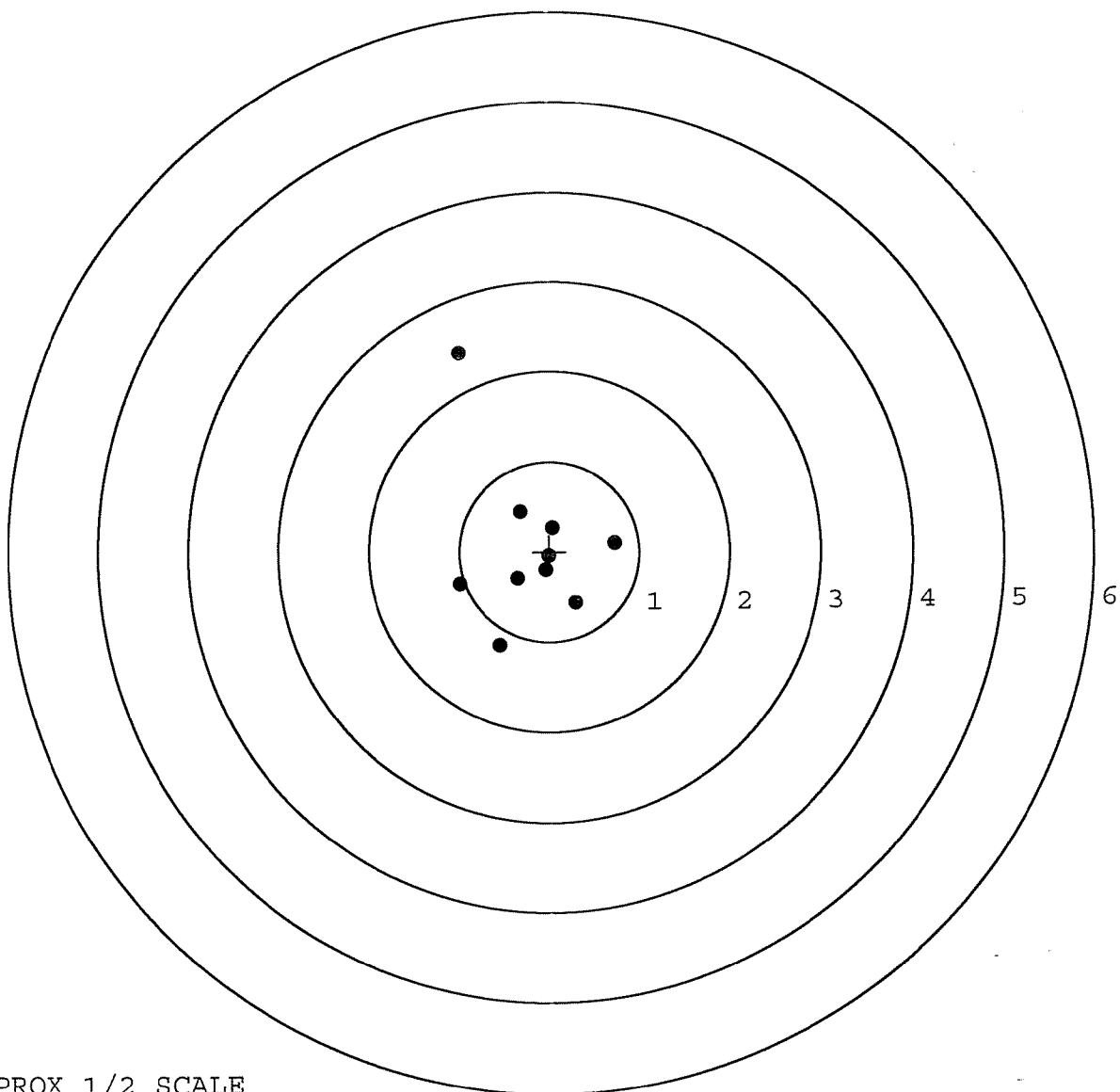
TARGET APPROX 1/2 SCALE

BARBER - M24 0050628

SERIAL NUMBER: C6225524. __0
TARGET NUMBER: 3
FILE DATE: 11/13/2003
FILE TIME: 11:43

X CENTROID: -0.223
Y CENTROID: 0.049
POA TO CENTROID: 0.228
HORZ SPREAD: 1.732
VERT SPREAD: 3.247
GROUP SPREAD: 3.276
MIN RADIUS: 0.236
MAX RADIUS: 2.290
MEAN RADIUS: 0.773
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.996	2.205
2:	-0.325	0.445
3:	0.037	0.264
4:	0.733	0.098
5:	-0.045	-0.204
6:	-0.358	-0.299
7:	-0.999	-0.358
8:	-0.558	-1.042
9:	0.292	-0.568
10:	-0.008	-0.050



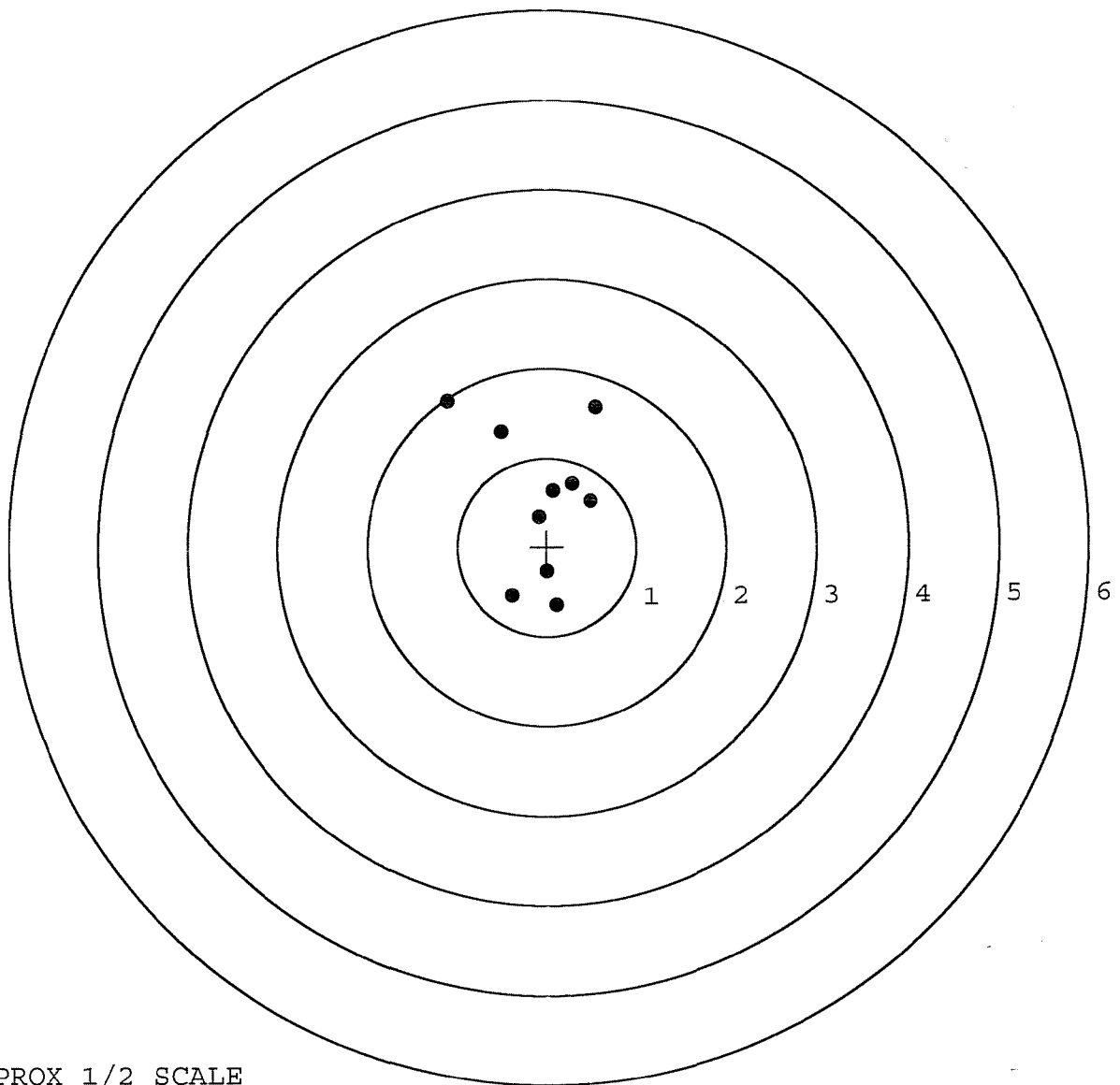
TARGET APPROX 1/2 SCALE

BARBER - M24 0050629

SERIAL NUMBER: C6225524. __0
TARGET NUMBER: 4
FILE DATE: 11/13/2003
FILE TIME: 11:43

X CENTROID: -0.057
Y CENTROID: 0.521
POA TO CENTROID: 0.524
HORZ SPREAD: 1.665
VERT SPREAD: 2.293
GROUP SPREAD: 2.596
MIN RADIUS: 0.171
MAX RADIUS: 1.530
MEAN RADIUS: 0.805
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.106	1.635
2:	-0.505	1.297
3:	0.559	1.571
4:	0.006	-0.278
5:	-0.388	-0.548
6:	0.112	-0.658
7:	0.488	0.519
8:	0.284	0.707
9:	0.072	0.633
10:	-0.093	0.334



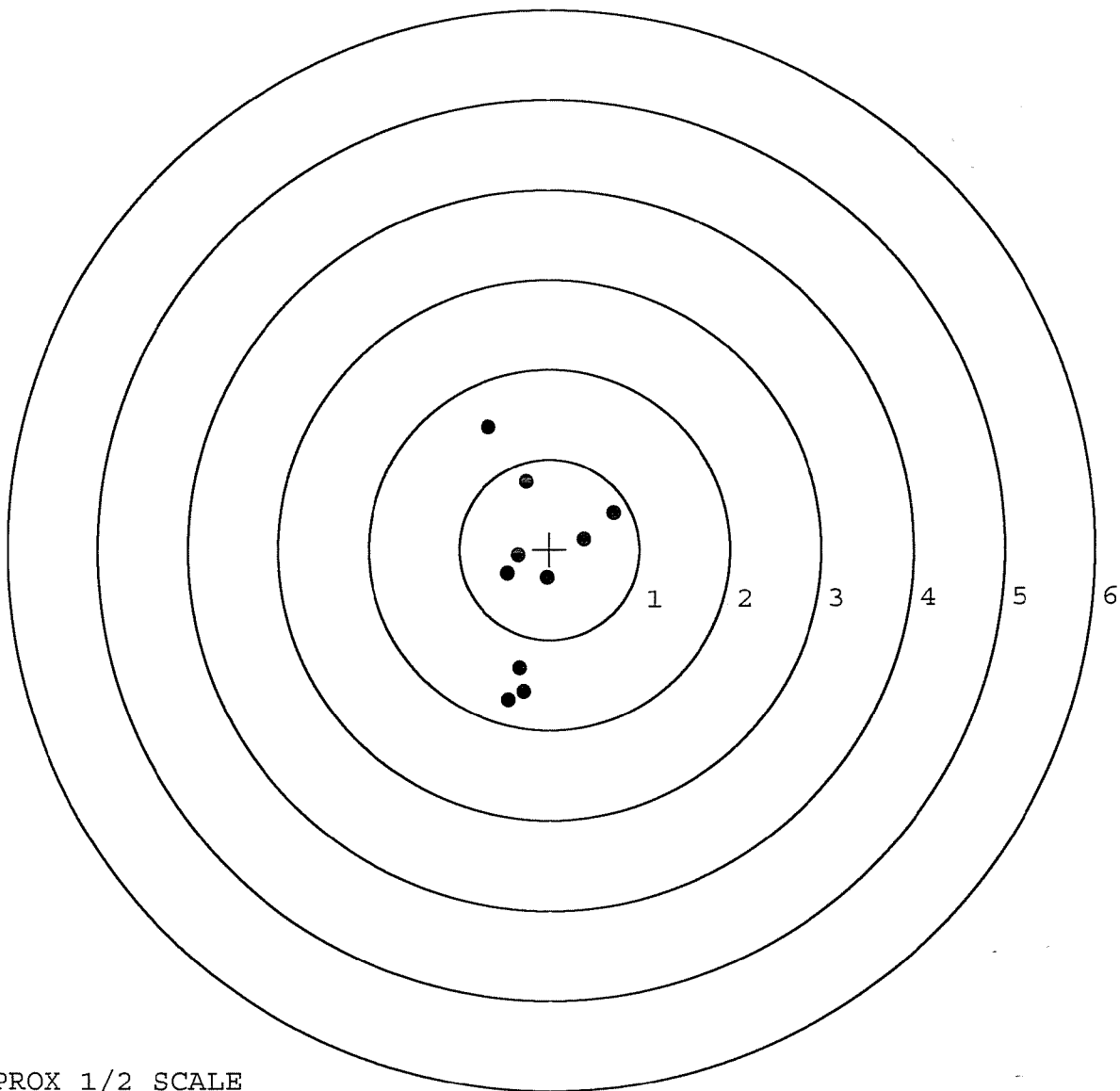
TARGET APPROX 1/2 SCALE

BARBER - M24 0050630

SERIAL NUMBER: C6225524. __0
TARGET NUMBER: 5
FILE DATE: 11/13/2003
FILE TIME: 11:43

X CENTROID: -0.176
Y CENTROID: -0.260
POA TO CENTROID: 0.314
HORZ SPREAD: 1.393
VERT SPREAD: 3.023
GROUP SPREAD: 3.030
MIN RADIUS: 0.158
MAX RADIUS: 1.689
MEAN RADIUS: 0.902
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.719	0.401
2:	0.382	0.112
3:	-0.347	-0.073
4:	-0.471	-0.269
5:	-0.028	-0.314
6:	-0.335	-1.317
7:	-0.287	-1.579
8:	-0.465	-1.669
9:	-0.255	0.752
10:	-0.674	1.354



TARGET APPROX 1/2 SCALE

R & E NUMBER	71775		
SERIAL NUMBER	C6225524		
LOG-IN DATE	10-21-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-28-03	RTL
560 A	RE-BARREL	10-29-03	RTL
B	DRILL AND TAP	11-4-03	TRL
575	ASSEMBLE	11-3-03	RTL
600	PROOF	11-03-03	AE
605	CHECK HEADSPACE	11-03-03	AE
610	DIS-ASSEMBLE GUN	11-3-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11-5-03	SB
618	ROTO-BLAST		
620	APPLY COATINGS	11-8	TA
625 A	FINAL ASSEMBLY	11-12-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-13-03	AC
655	FINAL INSPECT	12-15-03	RTL
660	PACK	12/16/03	QA
		SHIP DATE	
QAR INSPECTION DATE			

REBARBER AND M24 0050682 REPORT

COMMENTS

ORDER
R 96-16364INITIAL
JJM

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED

07/15/96

DATE OPENED

07/15/96

DATE CODE

CJ 4-89

SERIAL NUMBER

C6225524

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS

WA 98433

SHIP TO:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS

WA

98433

CUST NO: 145454 C.O.D.L

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

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

W52 H096241 H242

PARTS

Barrel

96003

COMMENTS

Re powder Coat Trigger Guard
Assy. Front & Rear Sight
Bases
Re Zine Scope Base &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

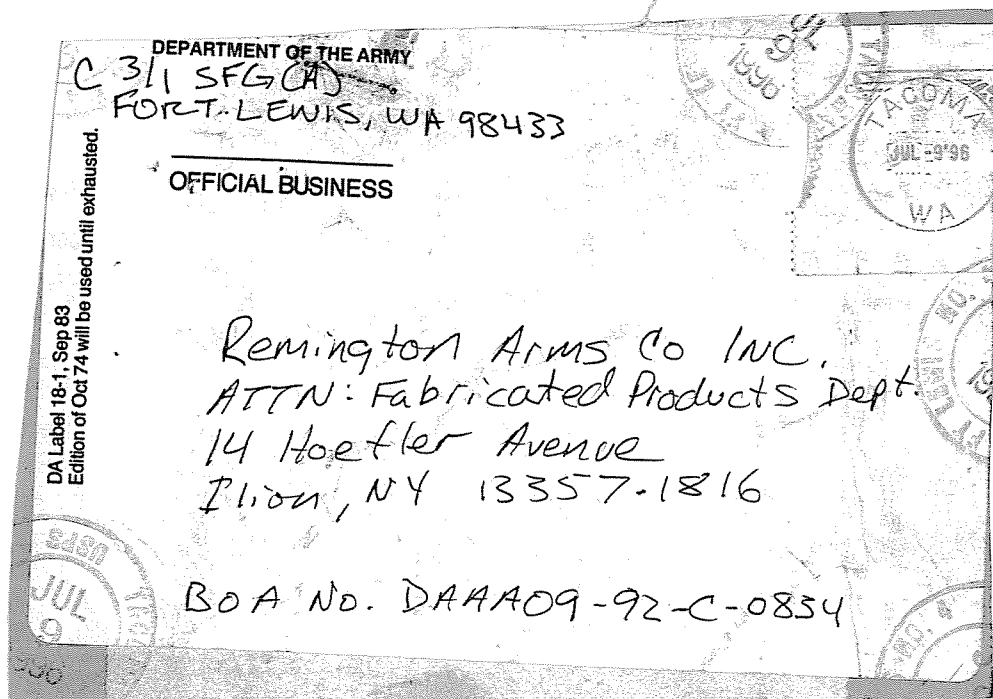
DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050682 50671



EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION C 3RD BN 1ST SFG(A)					2. NOMENCLATURE AND MODEL M24 SWS				
3. REGISTRATION/SERIAL/NSN		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE		6. TYPE INSPECTION	
7. APPLICABLE REFERENCE									
TM NUMBER			TM DATE		TM NUMBER			TM DATE	
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.				
STATUS SYMBOLS									
"X"-Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally until corrective action can be accomplished. HORIZONTAL DASH "(-)"-Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "(/)"-Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists. FOR AIRCRAFT-Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)			9b. TIME	
								10. MANHOURS REQUIRED	
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
		C6348730			X EXCESS OF 10,000 RDS				
		C6225181			DET GUN EACH NEEDS				
		C6225241			RE-BARRELING				
		C6348969			T/I TRIGGERS/STOCKS				
		C6348954 96003			No powder Coal Trigger				
		C6225270			X THESE WEAPONS WERE				
		C6225467			SHOT SHOT THE LAST				
		C6348907			SNIPER CLASS, SNIPER				
		C6225409			COMMITTEE SAID THEY				
		C6348868			NEED RE-BARRELING				
		C6225174			DUE TO POOR SHOT PERFORMANCE				
		C6348981			AND EXCESS RDS.				
					X EACH WEAPON HAS A				
					SCOPE MOUNT				
		P.O.C. SSG DELK							
		3RD BN 1ST SFG(A)							
					(206) 967-8813/8896				

Final Inspection

Sn: C6225524

DATE REC'D: 7/24/96

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:

Barrel

GUN SERIAL # C6225524

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/24/96	RW
600	Proof		7/24/96	RW
607	Check Headspace		7/24/96	RW
610	Dis-assemble Gun		7/24/96	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			
	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. #	BARBER - M24 0050637 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			

GUN SERIAL # C6225524

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4 12 89	RW
600	Proof		4 12 89	RW
607	Check Headspace		4 12 89	RW
610	Dis-assemble Gun		4 12 89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		4 14 89	WB
618	Polish Barrel RB		4 14 89	BT
620	Apply Coatings (Barrel Action)		4-20-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/89	RW
	C) Inspect Ejector Hole for Chamfer		5/1/89	RW
	D) Oil Firing Pin Ass'y		5/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/5/89	WB

op. #	BARBER M24 0050639	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/8/89	94
	G) Safety Off Force	3	3	3			5/8/89	94
	H) Trigger Pull Test & Retainability						3/5/89	WLB
	I) Firing Pin Indent	.020	.020	.020			5/8/89	94
	J) Assemble Stock						5/8/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						5/8/89	RW
	M) Iron Sight Alignment						5/8/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/8/89	RW
	O) Attach Scope to Rifle						5/8/89	94
	P) Detach & Attach Scope 20 Times						5/9/89	94
640	Gallery Target & Test	59 R	94 L				5/9/89	94
	A) Time						5/9/89	94
	B) Malfunctions						5/9/89	94
	C) Pierced Primers						5/9/89	94
	D) Optical Clarity of Scope						5/9/89	94
645	Inspect for Live Ammo						5/9/89	94
655	Final Inspection						16 May 89	JS
	A) Headspace						16 May 89	JS
	B) Trigger Pull	229	223	228	225	224	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						27 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225524

DATE 3/28/80

TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.23	2.24		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.18	2.21		
PULL #3	2.18	2.19	2.21		
PULL #4	2.15	2.17	2.17		
PULL #5	2.15	2.18	2.20		
TOTAL	10.86	10.95	11.03		
AVG.	2.17	2.19	2.20		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.32		
PULL #2	3.31	3.33		
PULL #3	3.31	3.31		
PULL #4	3.31	3.30		
PULL #5	3.33	3.33		
TOTAL	16.52	16.59		
AVG.	3.30	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.27		
PULL #2	4.25	4.23		
PULL #3	4.23	4.24		
PULL #4	4.05	4.19		
PULL #5	4.25	4.22		
TOTAL	21.08	21.15		
AVG.	4.21	4.23		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225524
10 May 1989

CENTROIDAL DISTANCES

0 TO	1	.534939
1 TO	2	.441171
1 TO	3	.608934
1 TO	4	.293777
1 TO	5	.338115

+ <----POA
551

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1208
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.5468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .559985
THE AMR FOR THIS RIFLE IS: .9198

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225524

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.025

VS= 3.031

GS= 3.348

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.748	.673	.708
MINIMUM X	:	-1.277	-1.352	-1.267
MAXIMUM Y	:	1.375	1.191	.627
MINIMUM Y	:	-1.656	-.957	-.808
CENTROID X	:	.392	.467	.382
CENTROID Y	:	-.364	-.180	-.329
POA TO CENTROID in.	:	.535	.500	.505
MIN RADIUS	:	.107	.090	.133
MEAN RADIUS	:	.823	.693	.607
MAX RADIUS	:	1.788	1.656	1.503
HORIZONTAL SPREAD	:	2.025	2.025	1.975
VERTICAL SPREAD	:	3.031	2.148	1.435
EXTREME SPREAD	:	3.348	2.952	2.243
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225524

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.246

VS= 2.536

GS= 2.624

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	.880	.776
MINIMUM X	:	-1.230	-.833	-.784
MAXIMUM Y	:	1.338	1.418	1.278
MINIMUM Y	:	-1.198	-1.118	-.978
CENTROID X	:	.018	.154	.258
CENTROID Y	:	-.598	-.678	-.538
POA TO CENTROID in.	:	.599	.696	.597
MIN RADIUS	:	.294	.394	.328
MEAN RADIUS	:	.995	.932	.849
MAX RADIUS	:	1.424	1.439	1.326
HORIZONTAL SPREAD	:	2.246	1.713	1.560
VERTICAL SPREAD	:	2.536	2.536	2.256
EXTREME SPREAD	:	2.624	2.603	2.441
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225524

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 2.302

VS = 2.192

GS = 2.739

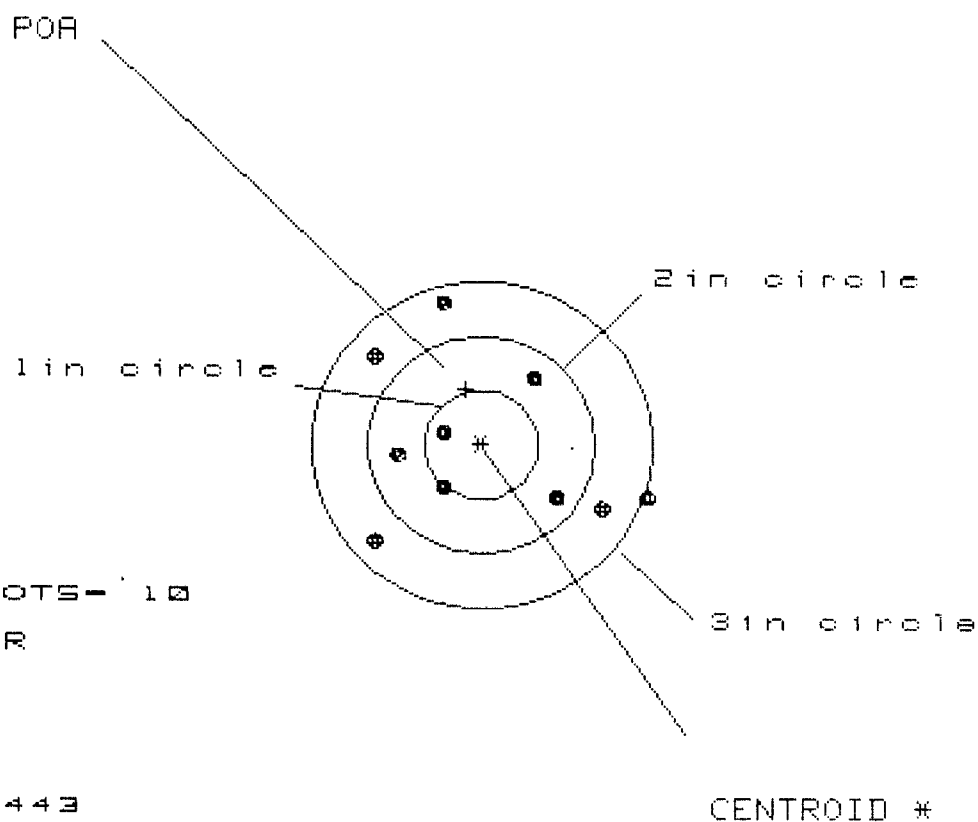
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	.787	.632
MINIMUM X	:	-1.364	-1.515	-1.670
MAXIMUM Y	:	.858	.710	.517
MINIMUM Y	:	-1.334	-.868	-.779
CENTROID X	:	-.007	.144	.299
CENTROID Y	:	-.824	-.676	-.765
POA TO CENTROID in.	:	.824	.691	.821
MIN RADIUS	:	.483	.343	.423
MEAN RADIUS	:	.998	.830	.728
MAX RADIUS	:	1.906	1.532	1.676
HORIZONTAL SPREAD	:	2.302	2.302	2.302
VERTICAL SPREAD	:	2.192	1.578	1.296
EXTREME SPREAD	:	2.739	2.566	2.390
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

10 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225524

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.443

VS = 2.122

GS = 2.744

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.492	1.180	1.161
MINIMUM X	:	-.952	-.786	-.804
MAXIMUM Y	:	1.276	1.219	.884
MINIMUM Y	:	-.846	-.903	-.750
CENTROID X	:	.140	-.026	-.008
CENTROID Y	:	-.515	-.458	-.611
POA TO CENTROID in.	:	.534	.459	.611
MIN RADIUS	:	.387	.212	.302
MEAN RADIUS	:	.961	.862	.807
MAX RADIUS	:	1.576	1.320	1.242
HORIZONTAL SPREAD	:	2.443	1.966	1.966
VERTICAL SPREAD	:	2.122	2.122	1.634
EXTREME SPREAD	:	2.744	2.349	2.349
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225524

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.465

VS= 1.918

GS= 2.624

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.023	.862	.579
MINIMUM X	:	-1.442	-1.029	-.921
MAXIMUM Y	:	1.030	1.031	.920
MINIMUM Y	:	-.888	-.887	-.858
CENTROID X	:	.061	.222	.114
CENTROID Y	:	-.433	-.434	-.324
POA TO CENTROID in.	:	.437	.488	.343
MIN RADIUS	:	.229	.322	.350
MEAN RADIUS	:	.822	.740	.673
MAX RADIUS	:	1.442	1.271	1.258
HORIZONTAL SPREAD	:	2.465	1.891	1.500
VERTICAL SPREAD	:	1.918	1.918	1.778
EXTREME SPREAD	:	2.624	2.121	2.033
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225524
12 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.377048
1 TO	2	.224615
1 TO	3	.351177
1 TO	4	.246757
1 TO	5	.478707

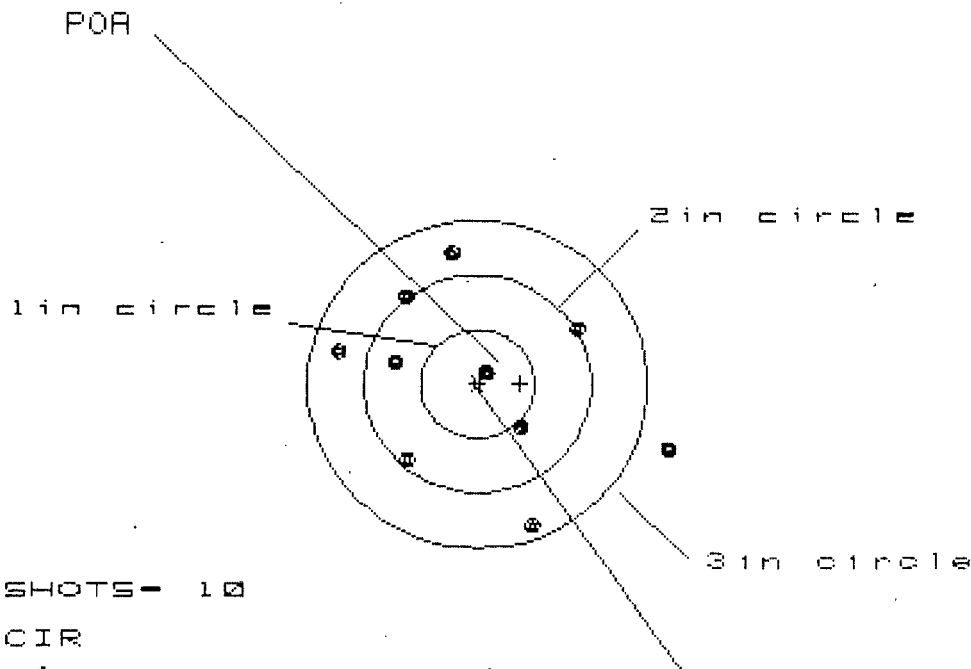
138 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1328
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .137133
THE AMR FOR THIS RIFLE IS: .8096

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225524.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.8990

VS= 2.434

GS= 3.023

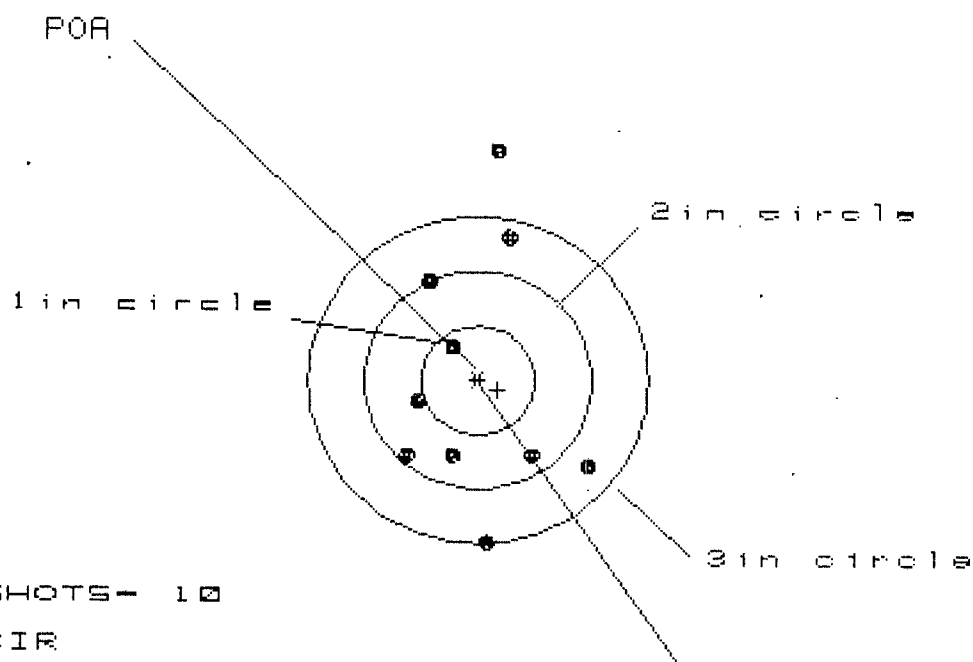
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.650	1.049	1.136
MINIMUM X	:	-1.240	-1.057	-.970
MAXIMUM Y	:	1.159	1.094	.927
MINIMUM Y	:	-1.274	-1.340	-.967
CENTROID X	:	-.377	-.560	-.647
CENTROID Y	:	-.006	.059	.226
POA TO CENTROID in.	:	.377	.563	.686
MIN RADIUS	:	.122	.218	.319
MEAN RADIUS	:	.993	.892	.798
MAX RADIUS	:	1.751	1.511	1.164
HORIZONTAL SPREAD	:	2.890	2.106	2.106
VERTICAL SPREAD	:	2.434	2.434	1.894
EXTREME SPREAD	:	3.023	2.544	2.114
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225524.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 1.661

VS= 3.638

GS= 3.640

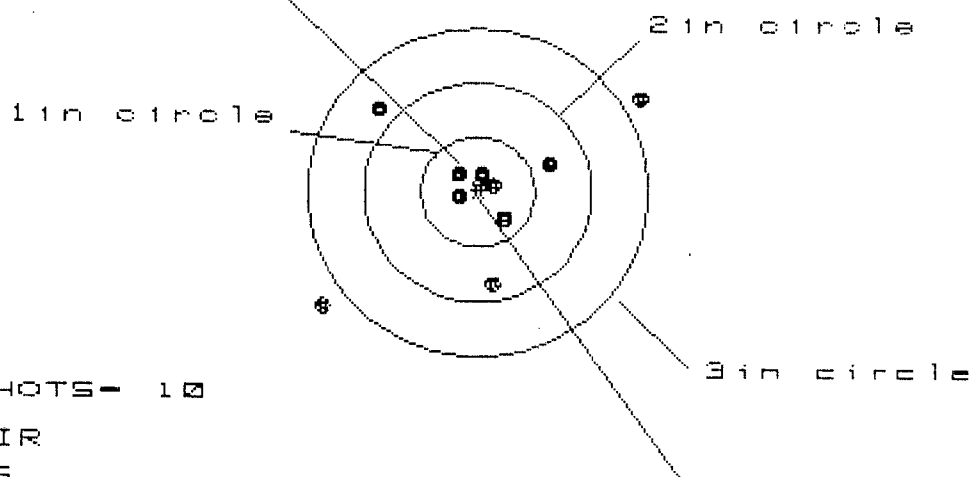
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.990	1.011	1.020
MINIMUM X	:	-.671	-.650	-.641
MAXIMUM Y	:	2.113	1.529	1.368
MINIMUM Y	:	-1.525	-1.291	-.715
CENTROID X	:	-.173	-.194	-.203
CENTROID Y	:	.088	-.146	.015
POA TO CENTROID in.	:	.194	.243	.203
MIN RADIUS	:	.343	.465	.392
MEAN RADIUS	:	1.065	.914	.866
MAX RADIUS	:	2.121	1.559	1.403
HORIZONTAL SPREAD	:	1.661	1.661	1.661
VERTICAL SPREAD	:	3.638	2.820	2.083
EXTREME SPREAD	:	3.640	2.829	2.200
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225524.1

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 8

HS= 2.789

VS= 1.989

GS= 3.434

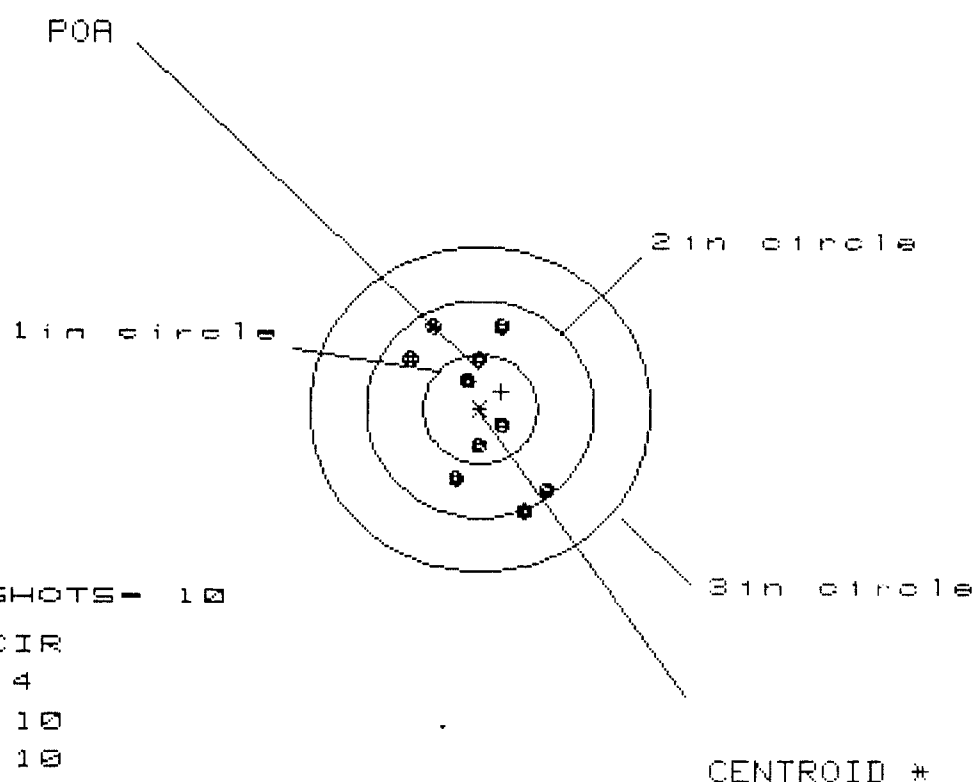
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.406	1.252	.616
MINIMUM X	:	-1.393	-1.049	-.893
MAXIMUM Y	:	.908	.788	.698
MINIMUM Y	:	-1.081	-.988	-.890
CENTROID X	:	-.030	.124	-.032
CENTROID Y	:	-.060	.060	-.038
POA TO CENTROID in.	:	.067	.138	.050
MIN RADIUS	:	.146	.049	.147
MEAN RADIUS	:	.719	.600	.467
MAX RADIUS	:	1.763	1.479	1.133
HORIZONTAL SPREAD	:	2.799	2.301	1.509
VERTICAL SPREAD	:	1.989	1.776	1.588
EXTREME SPREAD	:	3.434	2.309	1.911
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Jun 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.180

VS= 1.670

GS= 1.852

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.594	.638	.330
MINIMUM X	:	-.586	-.542	-.462
MAXIMUM Y	:	.766	.666	.556
MINIMUM Y	:	-.904	-.879	-.853
CENTROID X	:	-.185	-.229	-.309
CENTROID Y	:	-.161	-.061	.049
POA TO CENTROID in.	:	.245	.237	.313
MIN RADIUS	:	.230	.206	.076
MEAN RADIUS	:	.635	.584	.496
MAX RADIUS	:	.988	1.087	.855
HORIZONTAL SPREAD	:	1.180	1.180	.792
VERTICAL SPREAD	:	1.670	1.545	1.409
EXTREME SPREAD	:	1.852	1.840	1.455
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

12 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225524.1

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 3

2 in - 9

3 in = 10

HS= 1.225

VS= 1.859

GS= 1.884

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.384	.371	.313
MINIMUM X	-.841	-.798	-.856
MAXIMUM Y	.797	.679	.566
MINIMUM Y	-1.062	-.898	-.825
CENTROID X	.101	.058	.116
CENTROID Y	-.032	.086	.199
POA TO CENTROID in.	.106	.104	.230
MIN RADIUS	.167	.105	.021
MEAN RADIUS	.636	.571	.489
MAX RADIUS	1.130	1.008	.867
HORIZONTAL SPREAD	1.225	1.169	1.169
VERTICAL SPREAD	1.859	1.577	1.391
EXTREME SPREAD	1.884	1.735	1.398
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

Remington
MODEL 700™ H24

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

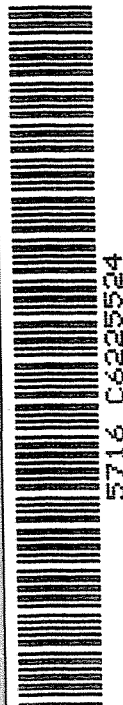
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6225524

ORDER NO.
5716

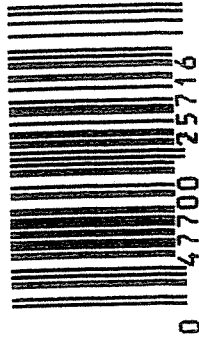
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