

C6348981

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0043157

	RECORDS CONTROL SCHEDULE
RECORDS CATEGORY OR TITLE: 613 - MONTHLY COST SHEETS-LOUVIERS	
#5604	
COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒	
TOTAL RETENTION: MAX. 3 YEARS	
1979 - 1982	
GS-11050 Rev. 8/78	

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0043157
M24 0043157

BARBER - M24 0043158

LOUVIERS #5604
(1979)

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0043197

Repair Inquiry																
Repair Number: RE00071766	Serial: C6348981 Model 700 Center Fire Caliber. 7 62 NATO M24 SWS		Repairman:													
Verify Repair			Status:	Closed 10/21/2003 11:50:37 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		Received Condition		Accessories Received												
Phone:		Fair		<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>A016</td><td>Scope Mounts</td><td>2</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr></tbody></table>	Code	Desc	Qty	A007	With Studs	3	A016	Scope Mounts	2	A017	Scope Base	1
Code	Desc	Qty														
A007	With Studs	3														
A016	Scope Mounts	2														
A017	Scope Base	1														
Fax:		Condition Notes:														
Email:		CSR Notes:														
Comments:																
Repair Search		Refresh		Close												

nagletj

10/21/2003

12:42 PM

CAPS

NUM

INS

SCRL

start

2 Mic

5 Mic

Trap Di

Arms S.

Part 89

Adobe

RE 57

12:42 PM

Serial Number: **C6348981**Model: **700****RE00071766**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348981.___0
FILE DATE AND TIME: 11/11/2003 11:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

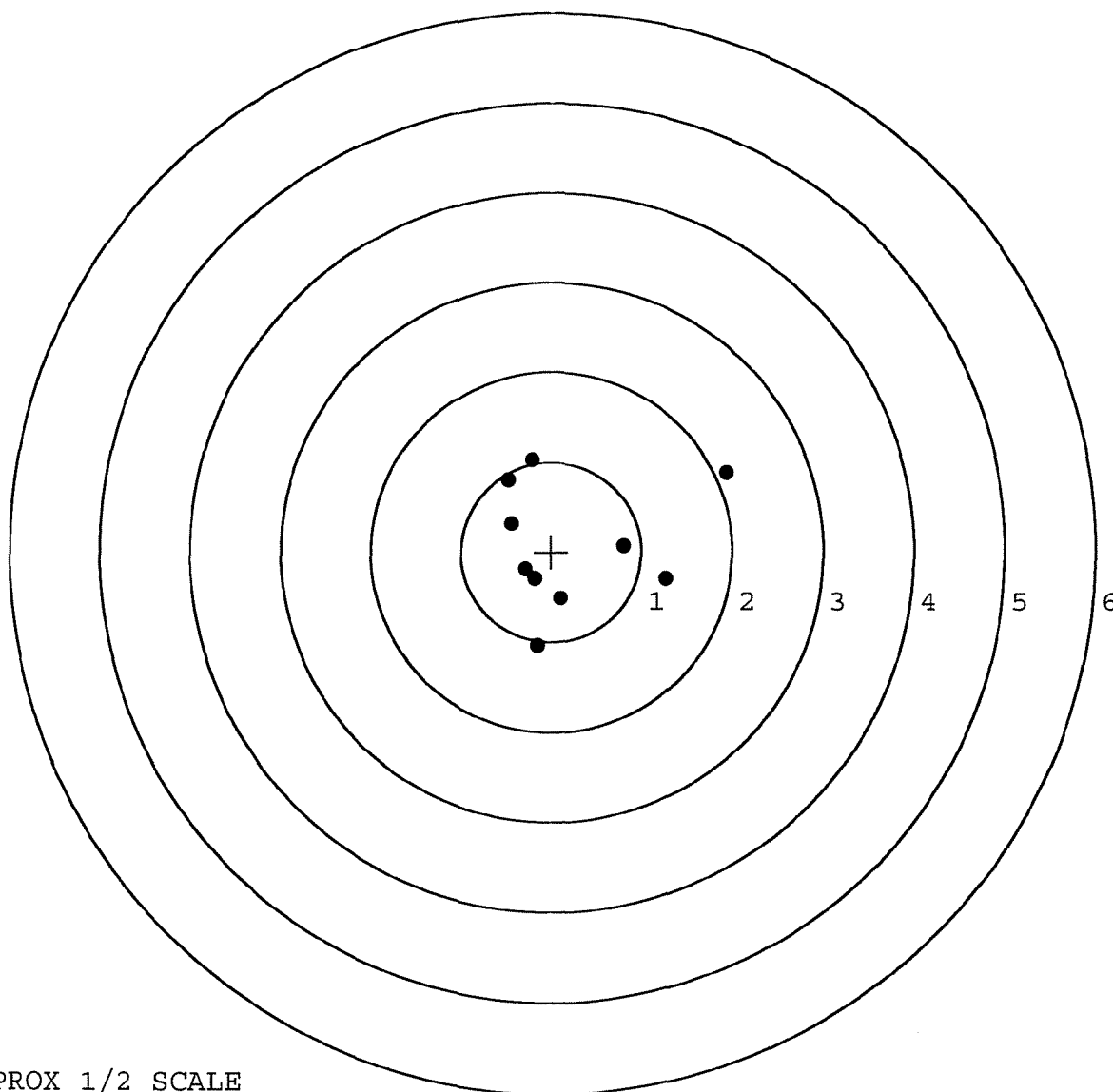
The Average X Centroid of the Five Target Set:	-0.047
The Average Y Centroid of the Five Target Set:	0.103
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	0.691
The Distance from POA to Centroid Target #1:	0.249
The Distance from Centroid Target #2 to Centroid Target #1:	0.259
The Distance from Centroid Target #3 to Centroid Target #1:	0.517
The Distance from Centroid Target #4 to Centroid Target #1:	0.328
The Distance from Centroid Target #5 to Centroid Target #1:	0.376

BARBER - M24 0043161

SERIAL NUMBER: C6348981. 0
TARGET NUMBER: 1
FILE DATE: 11/11/2003
FILE TIME: 11:40

POINT#	X	Y
1:	-0.209	1.020
2:	-0.475	0.802
3:	-0.446	0.319
4:	-0.283	-0.198
5:	-0.174	-0.303
6:	0.113	-0.526
7:	-0.150	-1.051
8:	0.802	0.069
9:	1.268	-0.305
10:	1.936	0.882

X CENTROID: 0.238
Y CENTROID: 0.071
POA TO CENTROID: 0.249
HORZ SPREAD: 2.411
VERT SPREAD: 2.071
GROUP SPREAD: 2.844
MIN RADIUS: 0.557
MAX RADIUS: 1.882
MEAN RADIUS: 0.928
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



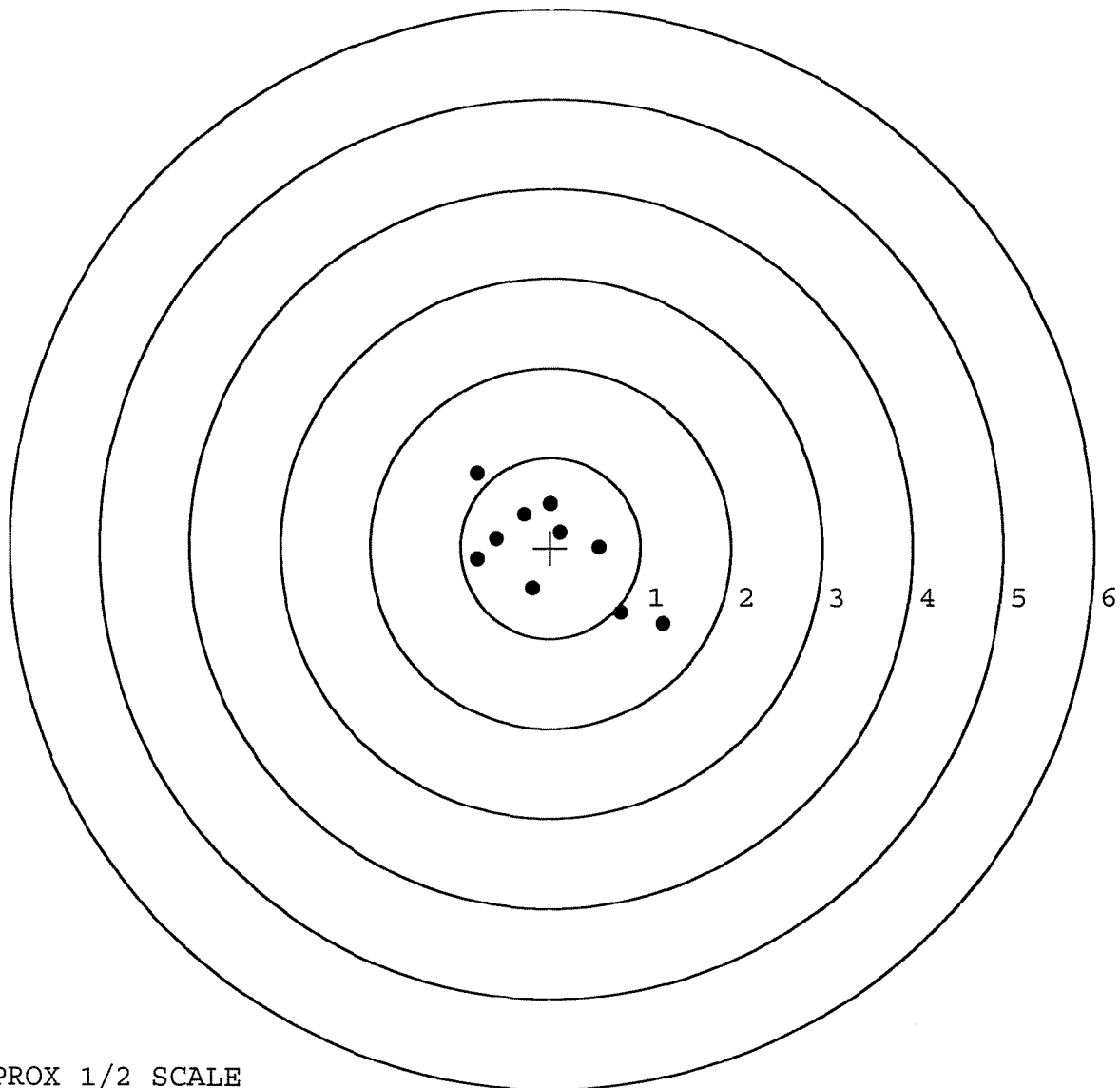
TARGET APPROX 1/2 SCALE

BARBER - M24 0043162

SERIAL NUMBER: C6348981. __0
TARGET NUMBER: 2
FILE DATE: 11/11/2003
FILE TIME: 11:40

POINT#	X	Y
1:	-0.820	0.825
2:	-0.820	-0.140
3:	-0.606	0.096
4:	-0.293	0.369
5:	-0.002	0.491
6:	0.107	0.173
7:	0.545	-0.005
8:	1.251	-0.851
9:	0.790	-0.724
10:	-0.194	-0.449

X CENTROID: -0.004
Y CENTROID: -0.021
POA TO CENTROID: 0.022
HORZ SPREAD: 2.071
VERT SPREAD: 1.676
GROUP SPREAD: 2.664
MIN RADIUS: 0.224
MAX RADIUS: 1.505
MEAN RADIUS: 0.742
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



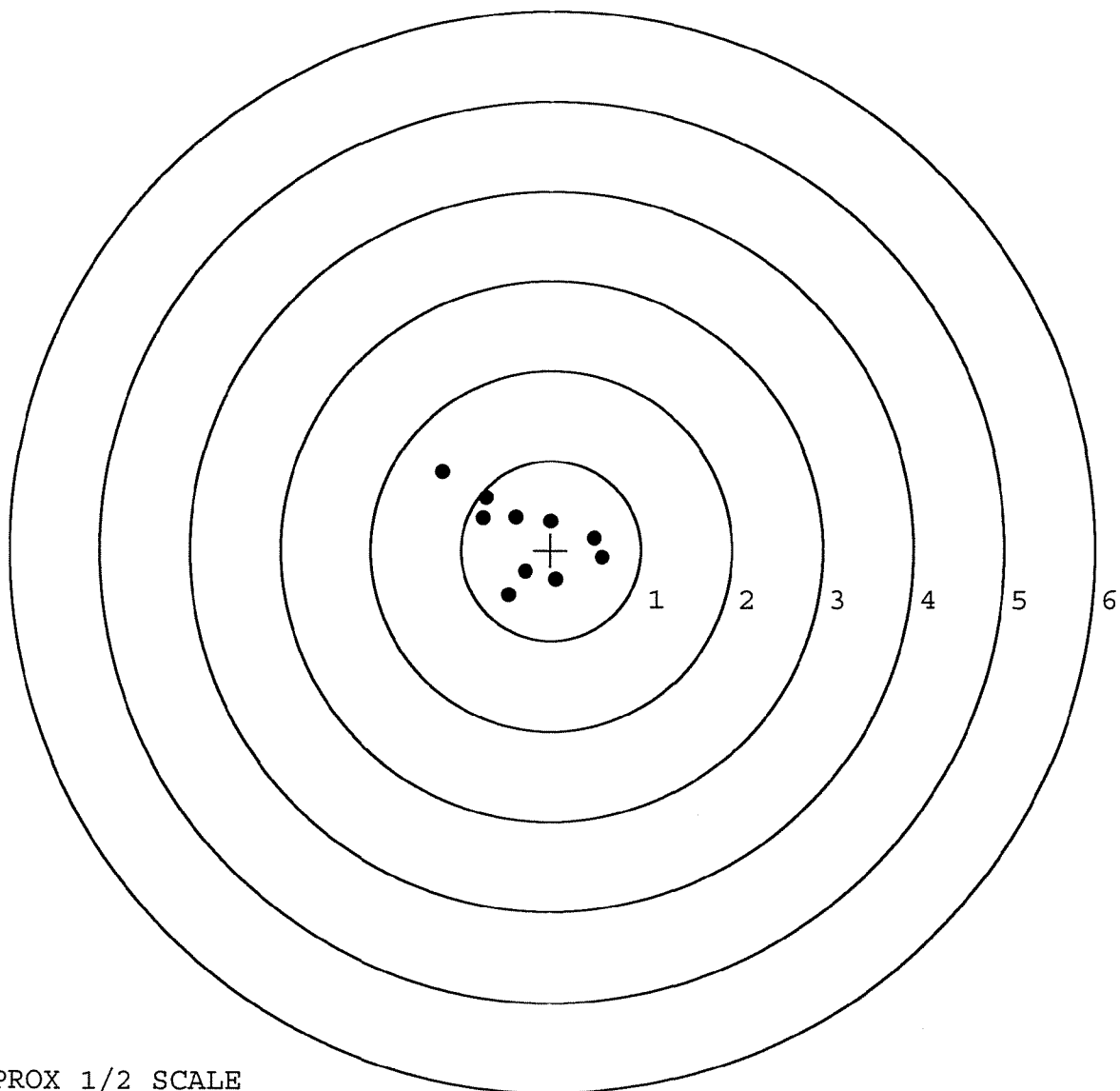
TARGET APPROX 1/2 SCALE

BARBER - M24 0043163

SERIAL NUMBER: C6348981. 0
TARGET NUMBER: 3
FILE DATE: 11/11/2003
FILE TIME: 11:40

POINT#	X	Y
1:	-0.722	0.589
2:	-0.759	0.361
3:	-1.204	0.878
4:	-0.392	0.372
5:	-0.001	0.322
6:	0.484	0.130
7:	0.568	-0.090
8:	0.060	-0.328
9:	-0.286	-0.242
10:	-0.473	-0.500

X CENTROID: -0.273
Y CENTROID: 0.149
POA TO CENTROID: 0.311
HORZ SPREAD: 1.772
VERT SPREAD: 1.378
GROUP SPREAD: 2.019
MIN RADIUS: 0.253
MAX RADIUS: 1.183
MEAN RADIUS: 0.620
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



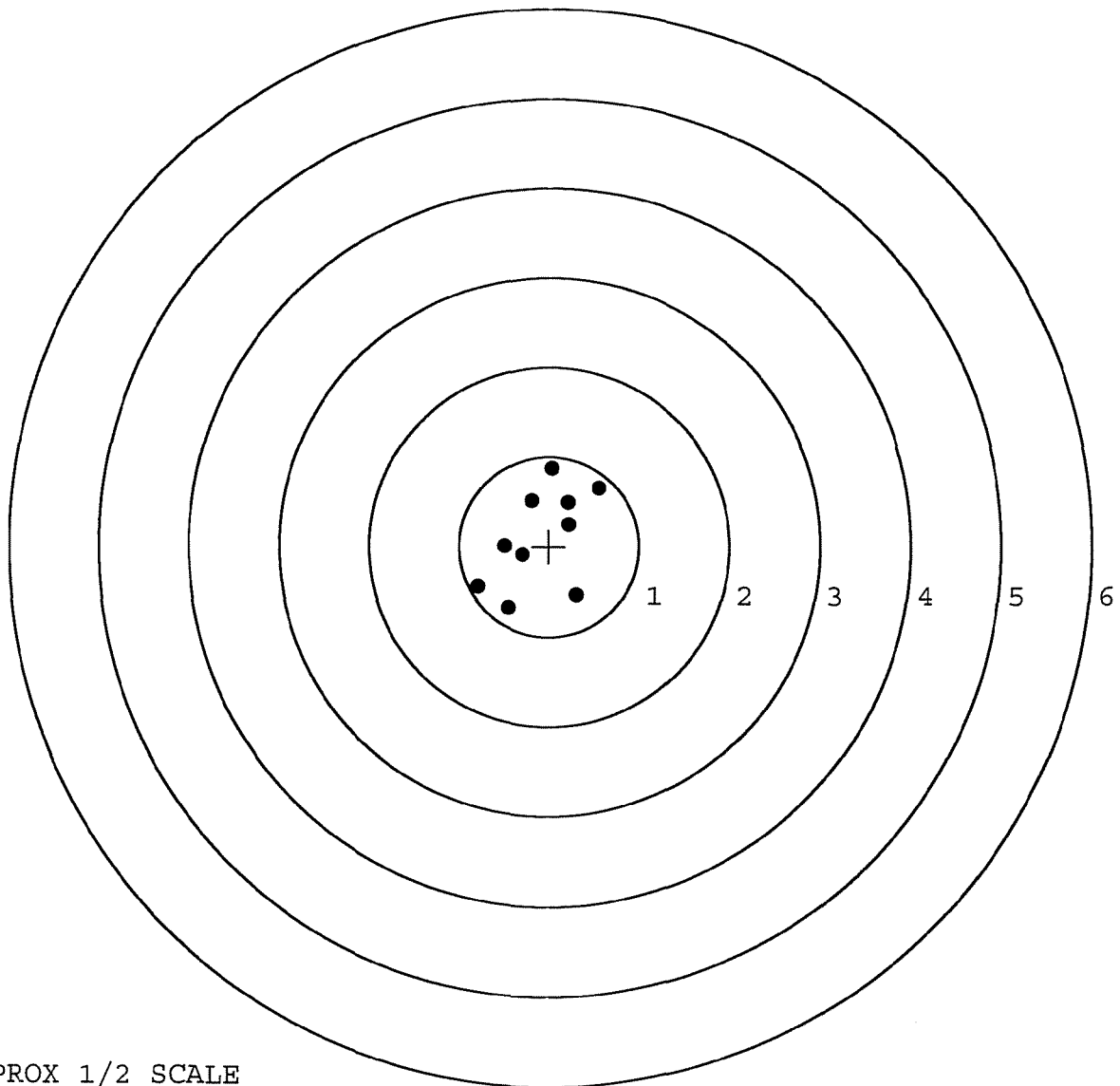
TARGET APPROX 1/2 SCALE

BARBER - M24 0043164

SERIAL NUMBER: C6348981. 0
TARGET NUMBER: 4
FILE DATE: 11/11/2003
FILE TIME: 11:40

POINT#	X	Y
1:	0.034	0.870
2:	-0.187	0.512
3:	0.559	0.649
4:	0.218	0.489
5:	0.225	0.244
6:	-0.496	0.001
7:	-0.295	-0.097
8:	-0.797	-0.453
9:	-0.447	-0.683
10:	0.303	-0.545

X CENTROID: -0.088
Y CENTROID: 0.099
POA TO CENTROID: 0.132
HORZ SPREAD: 1.356
VERT SPREAD: 1.553
GROUP SPREAD: 1.747
MIN RADIUS: 0.285
MAX RADIUS: 0.898
MEAN RADIUS: 0.611
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



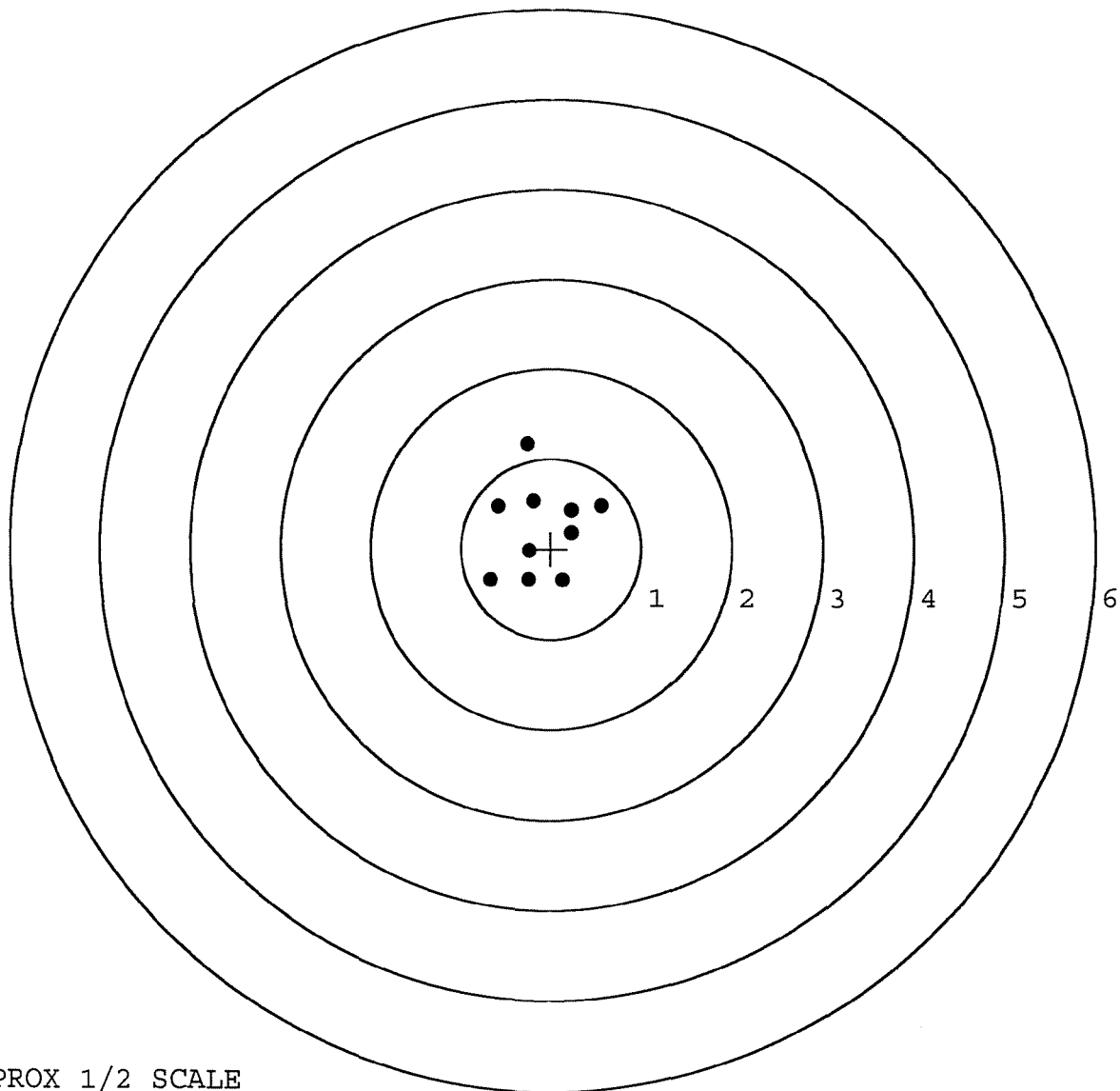
TARGET APPROX 1/2 SCALE

BARBER - M24 0043165

SERIAL NUMBER: C6348981. 0
TARGET NUMBER: 5
FILE DATE: 11/11/2003
FILE TIME: 11:40

POINT#	X	Y
1:	-0.590	0.467
2:	-0.196	0.530
3:	0.232	0.433
4:	0.557	0.478
5:	0.230	0.176
6:	-0.245	-0.021
7:	-0.679	-0.348
8:	-0.253	-0.342
9:	0.133	-0.353
10:	-0.270	1.164

X CENTROID: -0.108
Y CENTROID: 0.218
POA TO CENTROID: 0.244
HORZ SPREAD: 1.236
VERT SPREAD: 1.517
GROUP SPREAD: 1.570
MIN RADIUS: 0.276
MAX RADIUS: 0.959
MEAN RADIUS: 0.556
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	71766		
SERIAL NUMBER	C6348981		
LOG-IN DATE	10-21-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-27-03	RTL
560 A	RE-BARREL	10-29-03	RTL
B	DRILL AND TAP	11-4-03	TRW
575	ASSEMBLE	11-3-03	RTL
600	PROOF	11-3-03	AC
605	CHECK HEADSPACE	11-3-03	AC
610	DIS-ASSEMBLE GUN	11-3-03	RTL
612	MAGNAFLUX	11-3-03	RTL
615	ROLLMARK CALIBER	11-5-03	83
618	ROTO-BLAST		
620	APPLY COATINGS	11-8	TA
625 A	FINAL ASSEMBLY	11-10-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-11-03	AC
655	FINAL INSPECT	12-12-03	RTL
660	PACK	12/12/03	DA
		SHIP DATE	
QAR INSPECTION DATE			

BARBER - M24 0043167 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-16368

INITIAL
JJM

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED
07/15/96

DATE OPENED
07/15/96

DATE CODE
EJ 10-89

SERIAL NUMBER
C6348981

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

PARTS

COMMENTS

Barrel 96003

Repowder Coat Trigger Guard
Assy Front & Rear Sight
Bases
ReZinc Scope Base & Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

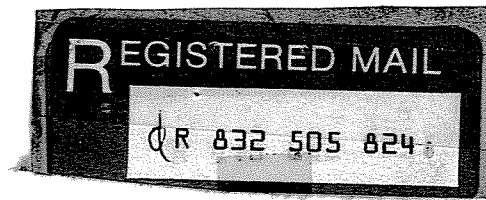
DATE

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

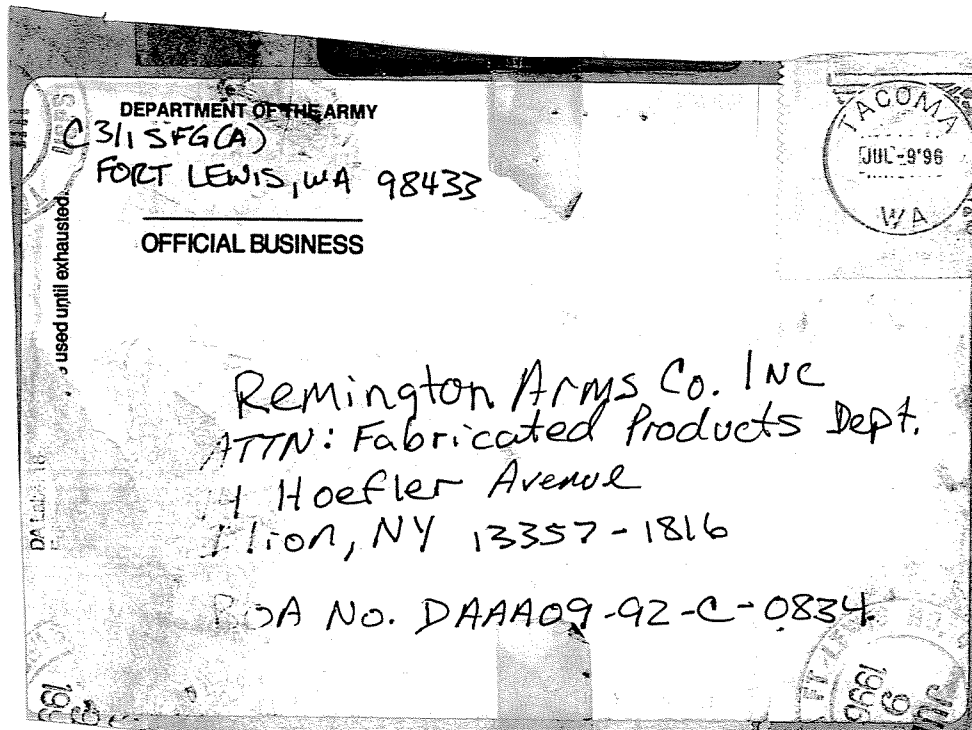
BARBER - M24 0043167 43206

BARBER - M24 0043168



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

BARBER - M24 0043168 **M2400943207**



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 SWSS				
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			PER GUN, EACH NEEDS				
		C6225524			RE-BARRELING				
		C6348969			T/I TRIGGERS/STOCKS				
		C6348954							
		C6225270			X THESE WEAPONS NEED			Trigger sig	
		C6225467			SHOT BRASS-FIRE LAST			BRS	
		C6348907			SNIPER RIFLES, SNIPER				
		C6225409			COMMITTEE SAID THEY				
		C6348868			NEED RE-BARRELING				
		C6225174			DUE TO POOR SHOT PERFORMANCE				
		C6348981			AND EXCESS RDS.				
					A 7/24/66				
					* EACH WEAPON HAS A				
					SCOPE MOUNT				
		P.O.C. SSG DELK							
		3RD BN 1ST SFG(A)							
					(206) 967-8813/8896				

Final Inspection

Sn: C634898/

DATE REC'D: 7/15/96

DATE RET'D:

Auditor: JW

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 #

C 6348981

Barre /

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. #	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			

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.
C6348981

ORDER NO.
5716

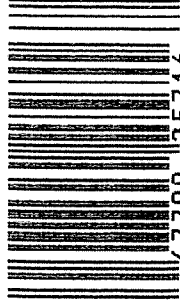
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348981

UPC



0 47700 25716 7

GUN SERIAL # C6348981

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		GL
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		27 Oct 89	928

BARBER - M24 0043176

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/30/89	JL
	G) Safety Off Force	4	4	4			10/30/89	JL
	H) Trigger Pull Test & Retainability						10/30/89	JL
	I) Firing Pin Indent	.023	.023	.023			10/30/89	JL
	J) Assemble Stock						10/31/89	RW
	K) Assemble Swivel Studs						10/31/89	JL
	L) Attach Front and Rear Sight Assemblies						10/31/89	RW
	M) Iron Sight Alignment						10/31/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/89	RW
	O) Attach Scope to Rifle						10/31/89	JL
	P) Detach & Attach Scope 20 Times						10/31/89	JL
640	Gallery Target & Test						11-1-89	AC
	A) Time						11-1-89	AC
	B) Malfunctions						11-1-89	AC
	C) Pierced Primers						11-1-89	AC
	D) Optical Clarity of Scope						11-1-89	AC
645	Inspect for Live Ammo						11-1-89	AC
655	Final Inspection							
	A) Headspace						6/10/89	JL
	B) Trigger Pull	256	255	254	255	259	6/10/89	JL
	C) Function						6/10/89	JL
660	Pack						14 Dec 89	JL

BARBER - M24 0043177

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348981DATE 3/30/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.28	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.24	2.28	
PULL #3	2.23	2.23	2.26	
PULL #4	2.23	2.22	2.33	
PULL #5	2.20	2.21	2.28	
TOTAL	11.19	11.18	11.45	
AVG.	2.23	2.23	2.29	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.33	3.20	
PULL #2	3.11	3.10	
PULL #3	3.17	3.18	
PULL #4	3.15	3.18	
PULL #5	3.11	3.05	
TOTAL	15.87	15.71	
AVG.	3.17	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.23		
PULL #2	4.12	4.26		
PULL #3	4.19	4.19		
PULL #4	4.19	4.20		
PULL #5	4.21	4.22		
TOTAL	20.92	21.00		
AVG.	4.18	4.20		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348981
1 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.219693
1 TO	2	.168514
1 TO	3	.319991
1 TO	4	.343111
1 TO	5	.424053

PH

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0034
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0838
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0838689
THE AMR FOR THIS RIFLE IS: .988

1 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B981

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.633

VS= 1.953

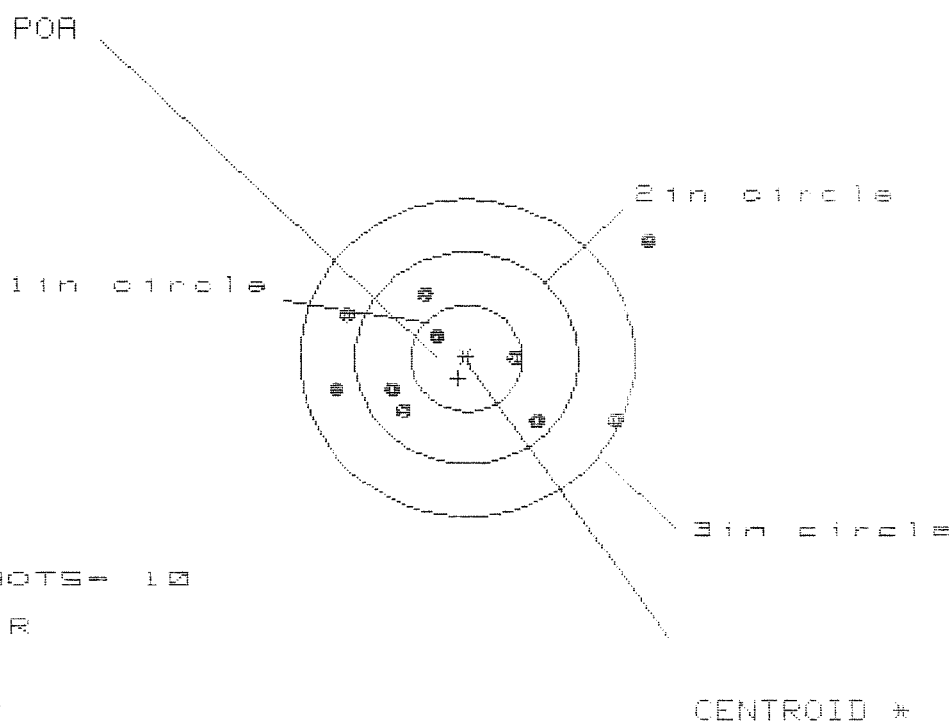
GS= 3.930

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.100	1.139	.976
MINIMUM X	-1.533	-1.299	-1.030
MAXIMUM Y	1.155	1.264	1.212
MINIMUM Y	-.798	-.689	-.741
CENTROID X	.203	-.031	.132
CENTROID Y	.084	-.025	.027
POR TO CENTROID in.	.219	.039	.135
MIN RADIUS	.292	.257	.378
MEAN RADIUS	1.038	.866	.798
MAX RADIUS	2.316	1.364	1.252
HORIZONTAL SPREAD	3.633	2.438	2.006
VERTICAL SPREAD	1.953	1.953	1.953
EXTREME SPREAD	3.930	2.444	2.045
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

1 Nov 1985

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.812

VS = 1.710

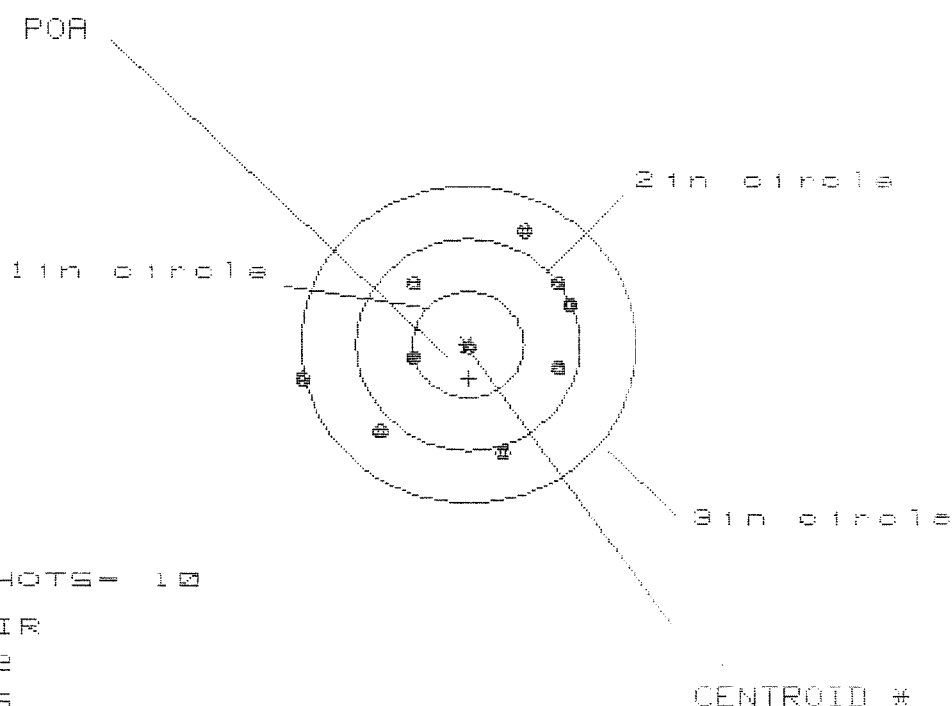
GS = 3.145

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.651	1.535	1.017
MINIMUM X	:	-1.161	-.977	-.785
MAXIMUM Y	:	1.074	.745	.688
MINIMUM Y	:	-.636	-.516	-.573
CENTROID X	:	.072	-.112	-.304
CENTROID Y	:	.190	.070	.127
POA TO CENTROID in.	:	.203	.132	.329
MIN RADIUS	:	.368	.367	.311
MEAN RADIUS	:	.964	.817	.677
MAX RADIUS	:	1.970	1.601	1.167
HORIZONTAL SPREAD	:	2.812	2.512	1.802
VERTICAL SPREAD	:	1.710	1.261	1.261
EXTREME SPREAD	:	3.145	2.585	1.971
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Nov 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.382

VS = 2.133

GS = 2.495

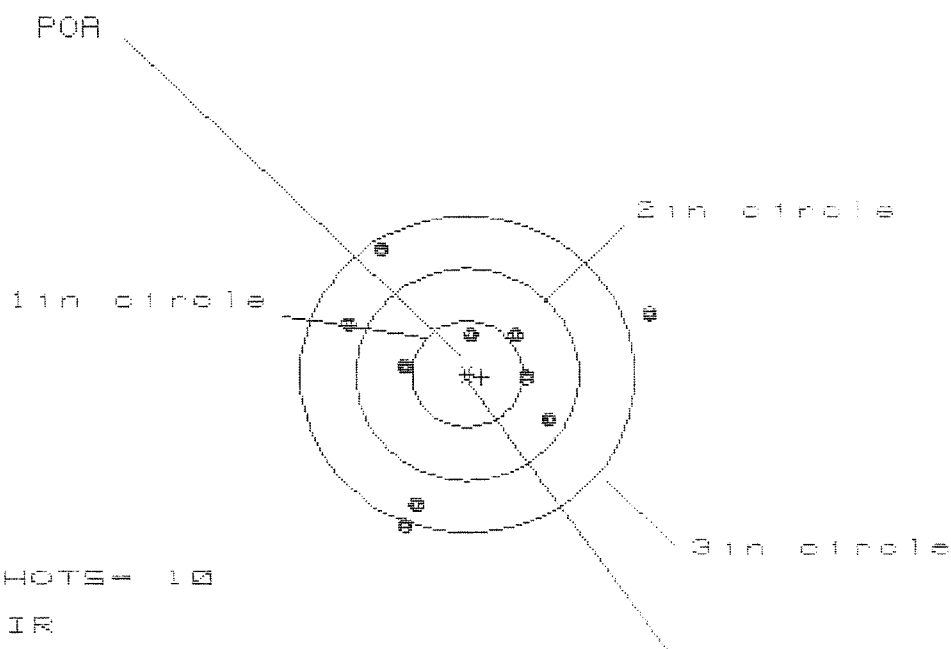
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.895	.729	.770
MINIMUM X	-1.498	-.957	-.916
MAXIMUM Y	1.120	1.079	.665
MINIMUM Y	-1.013	-1.054	-.919
CENTROID X	-.012	.154	.113
CENTROID Y	.321	.362	.228
POA TO CENTROID in.	.322	.394	.254
MIN RADIUS	.032	.203	.175
MEAN RADIUS	.899	.830	.786
MAX RADIUS	1.543	1.294	1.174
HORIZONTAL SPREAD	2.393	1.686	1.686
VERTICAL SPREAD	2.133	2.133	1.585
EXTREME SPREAD	2.495	2.338	2.099
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

1 Nov 1989

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CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.652

VS = 2.539

GS = 2.636

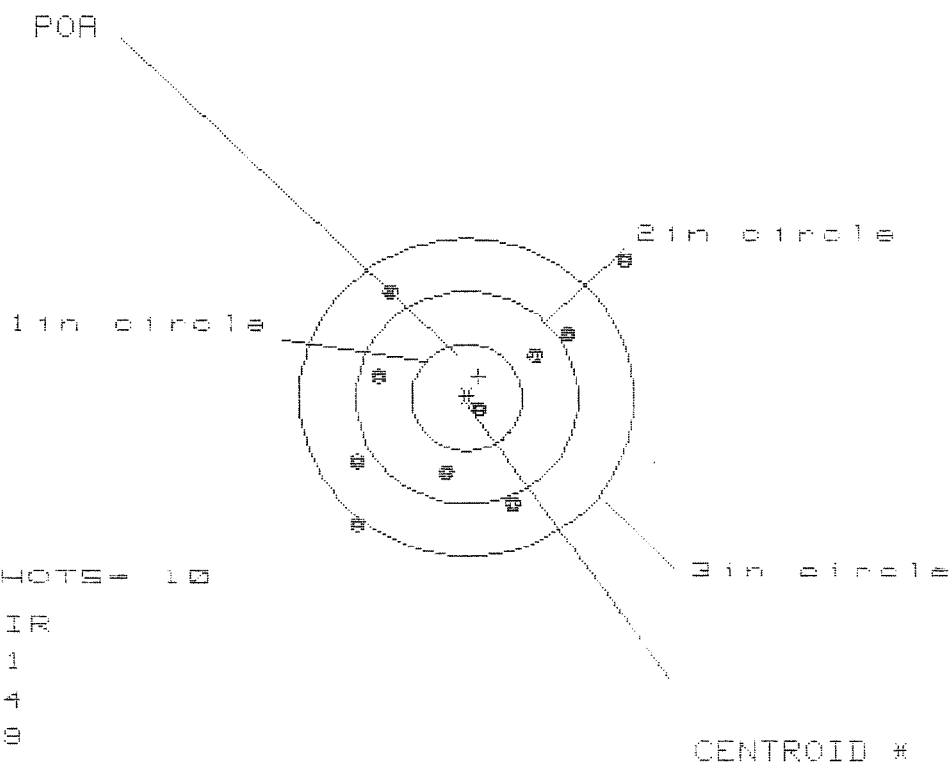
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.603	.922	.873
MINIMUM X	-1.049	-.871	-.920
MAXIMUM Y	1.161	1.228	1.064
MINIMUM Y	-1.378	-1.311	-1.297
CENTROID X	-.135	-.313	-.264
CENTROID Y	.025	-.042	.122
POA TO CENTROID in.	.137	.315	.291
MIN RADIUS	.339	.382	.290
MEAN RADIUS	.991	.918	.828
MAX RADIUS	1.710	1.376	1.335
HORIZONTAL SPREAD	2.652	1.793	1.793
VERTICAL SPREAD	2.539	2.539	2.361
EXTREME SPREAD	2.936	2.549	2.388
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 9

HSE = 3.444

VS = 2.465

GS = 3.444

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.066	.968
MINIMUM X	:	-.989	-.827	-.926
MAXIMUM Y	:	1.310	1.143	1.017
MINIMUM Y	:	-1.155	-1.010	-.960
CENTROID X	:	-.111	-.273	-.175
CENTROID Y	:	-.201	-.346	-.220
POA TO CENTROID in.	:	.230	.441	.281
MIN RADIUS	:	.213	.322	.254
MEAN RADIUS	:	1.048	.931	.879
MAX RADIUS	:	1.958	1.298	1.181
HORIZONTAL SPREAD	:	2.444	1.893	1.893
VERTICAL SPREAD	:	2.465	2.153	1.977
EXTREME SPREAD	:	3.444	2.549	2.265
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	