

G-646 1622
Replaced
C-6225051

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: **RE00092449** Serial: C6225051 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/21/1989 Repairman: Status: Closed 2/3/2005 1:25:56 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box: City: ANNISTON ANNISTON State: AL AL Zip Code: 362014199 362014199 Country: US US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

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

Repair Search Refresh Close

inagletj 2/7/2005 10:55 AM CAPS NUM INS SCPL

start 3 3 Arms Services Repair 3

66461622 (New)

Serial Number: **C6225051**

Model: **M24 SWS**



RE00092449

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461622.___0
FILE DATE AND TIME: 09/02/2005 11:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.002
The Average Y Centroid of the Five Target Set:	0.009
The Average Point of Impact of the Five Target Set:	0.009
The Average Mean Radius of the Five Target Set:	0.910
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.232
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.306
The Distance from Centroid Target #5 to Centroid Target #1:	0.296

BARBER - M24 0153851

SERIAL NUMBER: G6461622. __0

TARGET NUMBER: 1

FILE DATE: 09/02/2005

FILE TIME: 11:20

POINT#	X	Y
1:	1.399	-0.112
2:	0.752	-0.300
3:	0.464	0.126
4:	-0.267	-0.869
5:	-0.581	-0.441
6:	-0.790	-0.871
7:	-0.973	0.094
8:	-0.339	1.025
9:	0.077	1.197
10:	-0.466	1.755

X CENTROID: -0.072

Y CENTROID: 0.160

POA TO CENTROID: 0.176

HORZ SPREAD: 2.372

VERT SPREAD: 2.626

GROUP SPREAD: 2.646

MIN RADIUS: 0.538

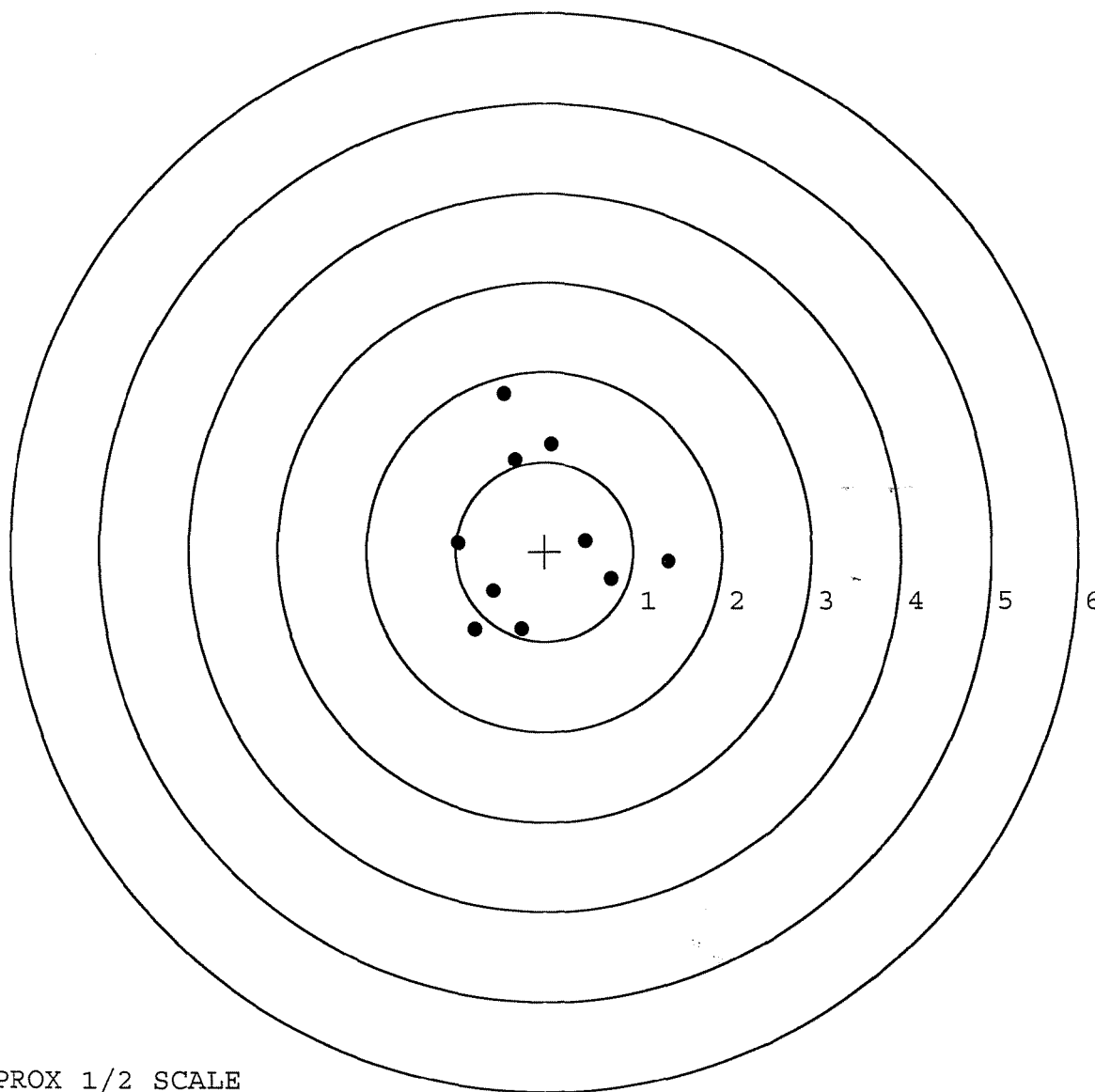
MAX RADIUS: 1.642

MEAN RADIUS: 1.057

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



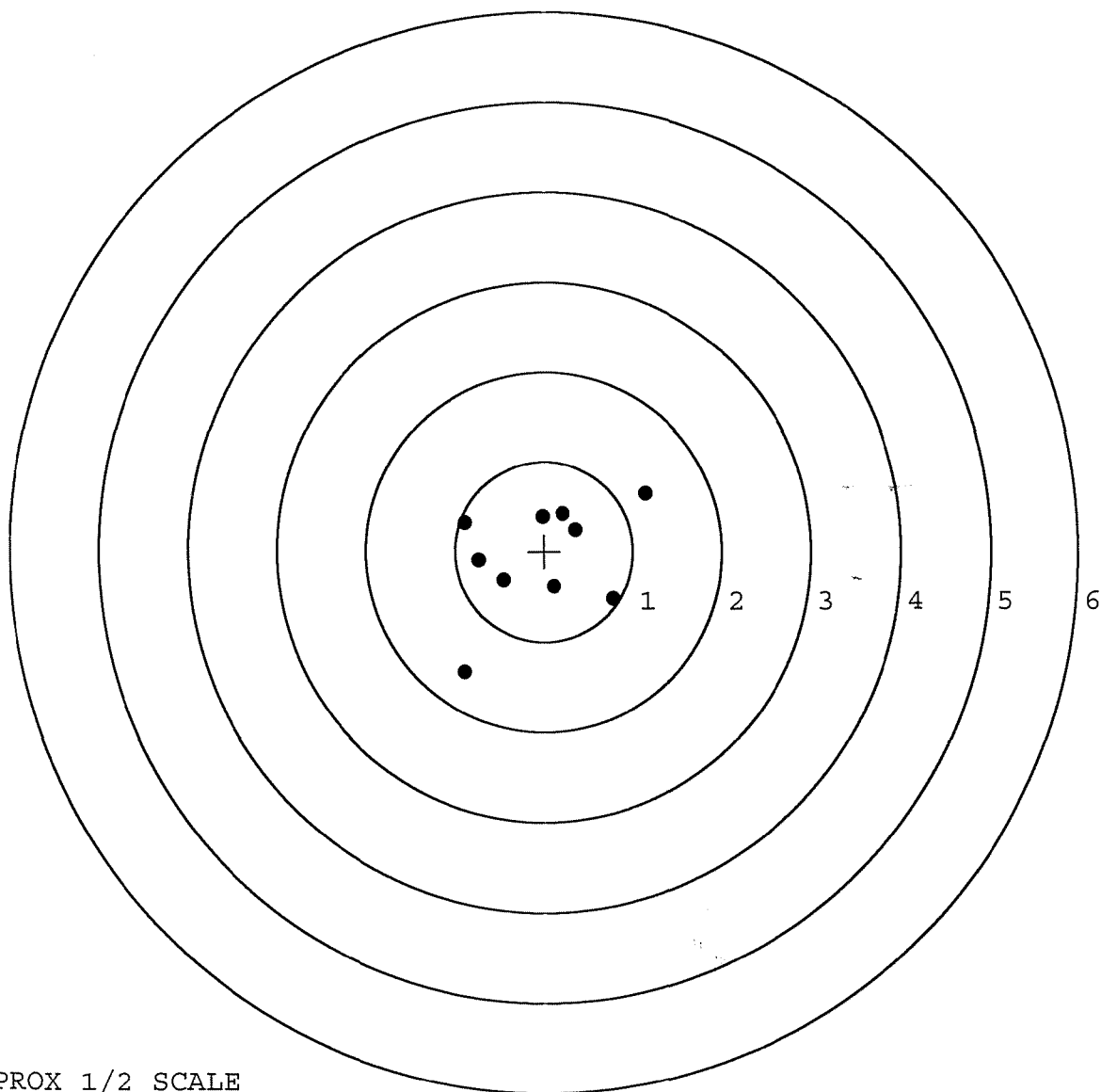
TARGET APPROX 1/2 SCALE

BARBER - M24 0153852

SERIAL NUMBER: G6461622. __0
TARGET NUMBER: 2
FILE DATE: 09/02/2005
FILE TIME: 11:20

POINT#	X	Y
1:	0.777	-0.532
2:	0.107	-0.396
3:	1.143	0.642
4:	0.358	0.236
5:	0.212	0.414
6:	-0.021	0.381
7:	-0.887	0.317
8:	-0.738	-0.100
9:	-0.460	-0.320
10:	-0.896	-1.334

X CENTROID: -0.041
Y CENTROID: -0.069
POA TO CENTROID: 0.080
HORZ SPREAD: 2.039
VERT SPREAD: 1.976
GROUP SPREAD: 2.839
MIN RADIUS: 0.359
MAX RADIUS: 1.527
MEAN RADIUS: 0.782
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0153853

SERIAL NUMBER: G6461622. __0

TARGET NUMBER: 3

FILE DATE: 09/02/2005

FILE TIME: 11:20

X CENTROID: -0.028

Y CENTROID: 0.099

POA TO CENTROID: 0.103

HORZ SPREAD: 2.577

VERT SPREAD: 1.476

GROUP SPREAD: 2.582

MIN RADIUS: 0.182

MAX RADIUS: 1.849

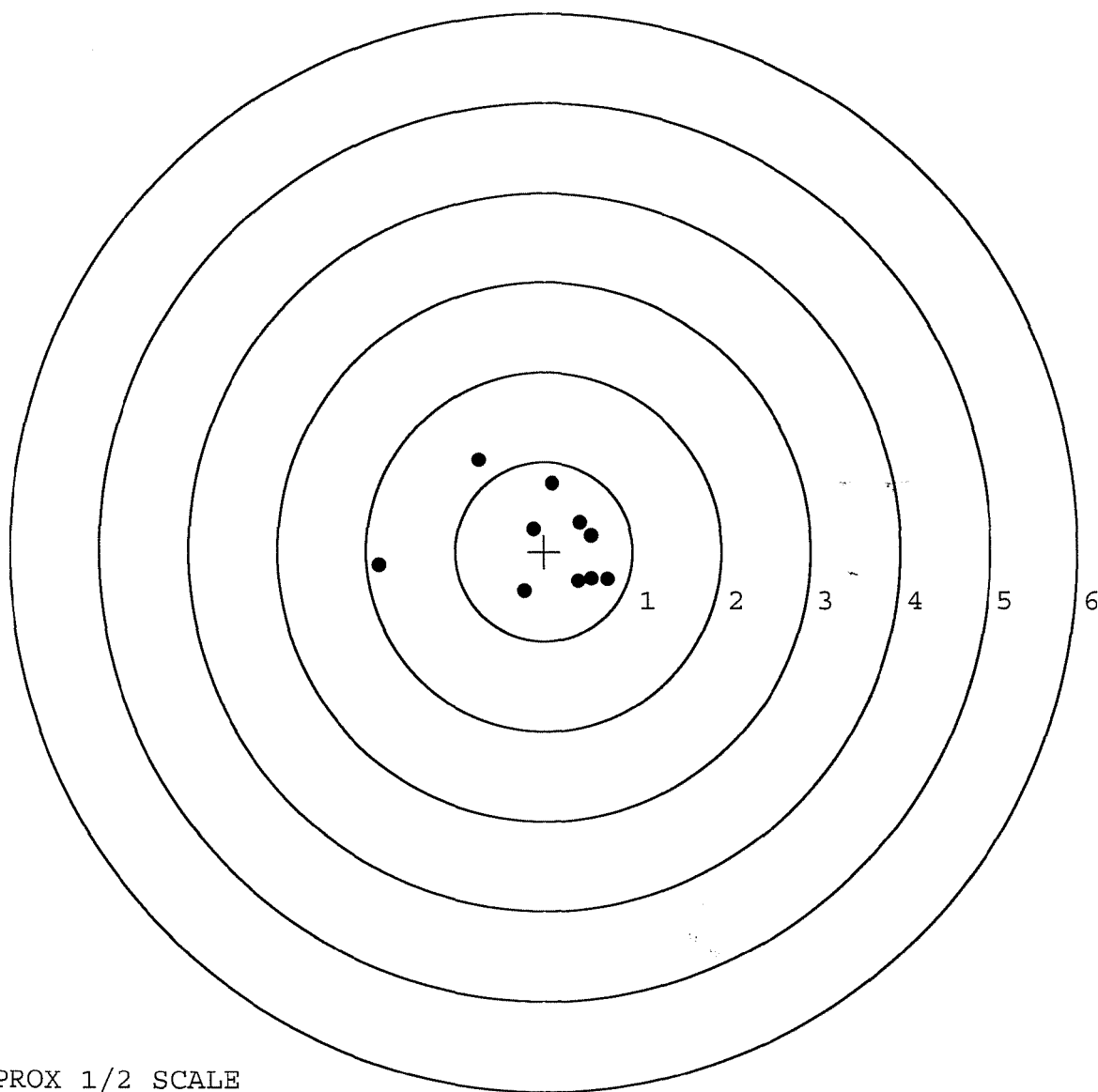
MEAN RADIUS: 0.766

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.719	-0.313
2:	0.387	-0.333
3:	0.537	0.185
4:	0.405	0.330
5:	0.091	0.759
6:	-0.126	0.253
7:	-0.229	-0.451
8:	-0.739	1.025
9:	-1.858	-0.160
10:	0.536	-0.301



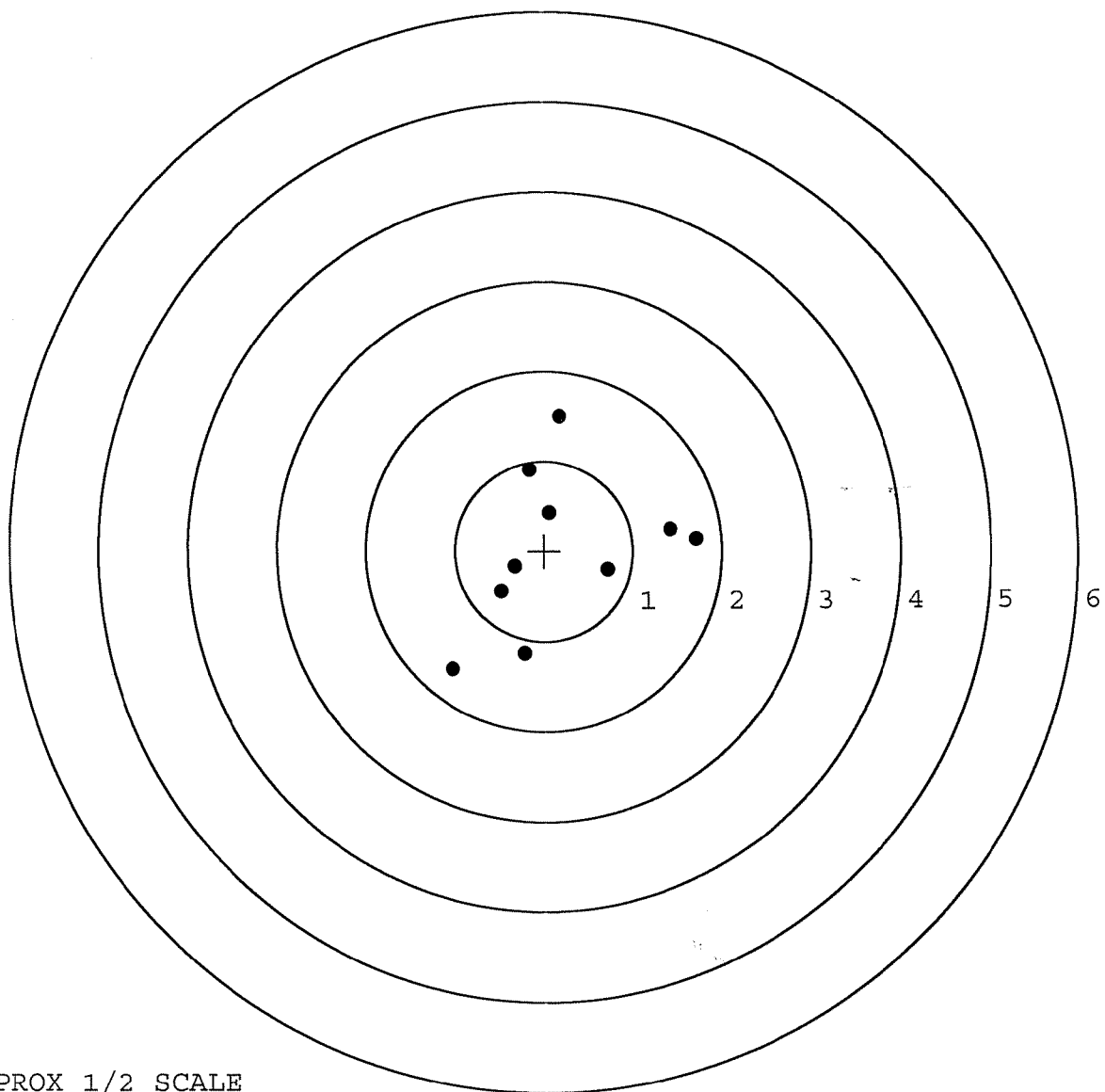
TARGET APPROX 1/2 SCALE

BARBER - M24 0153854

SERIAL NUMBER: G6461622. __0
TARGET NUMBER: 4
FILE DATE: 09/02/2005
FILE TIME: 11:20

POINT#	X	Y
1:	1.715	0.130
2:	1.425	0.236
3:	0.715	-0.213
4:	0.179	1.494
5:	-0.170	0.906
6:	0.054	0.422
7:	-0.340	-0.178
8:	-0.488	-0.447
9:	-0.229	-1.139
10:	-1.038	-1.304

X CENTROID: 0.182
Y CENTROID: -0.009
POA TO CENTROID: 0.183
HORZ SPREAD: 2.753
VERT SPREAD: 2.798
GROUP SPREAD: 3.104
MIN RADIUS: 0.450
MAX RADIUS: 1.779
MEAN RADIUS: 1.064
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

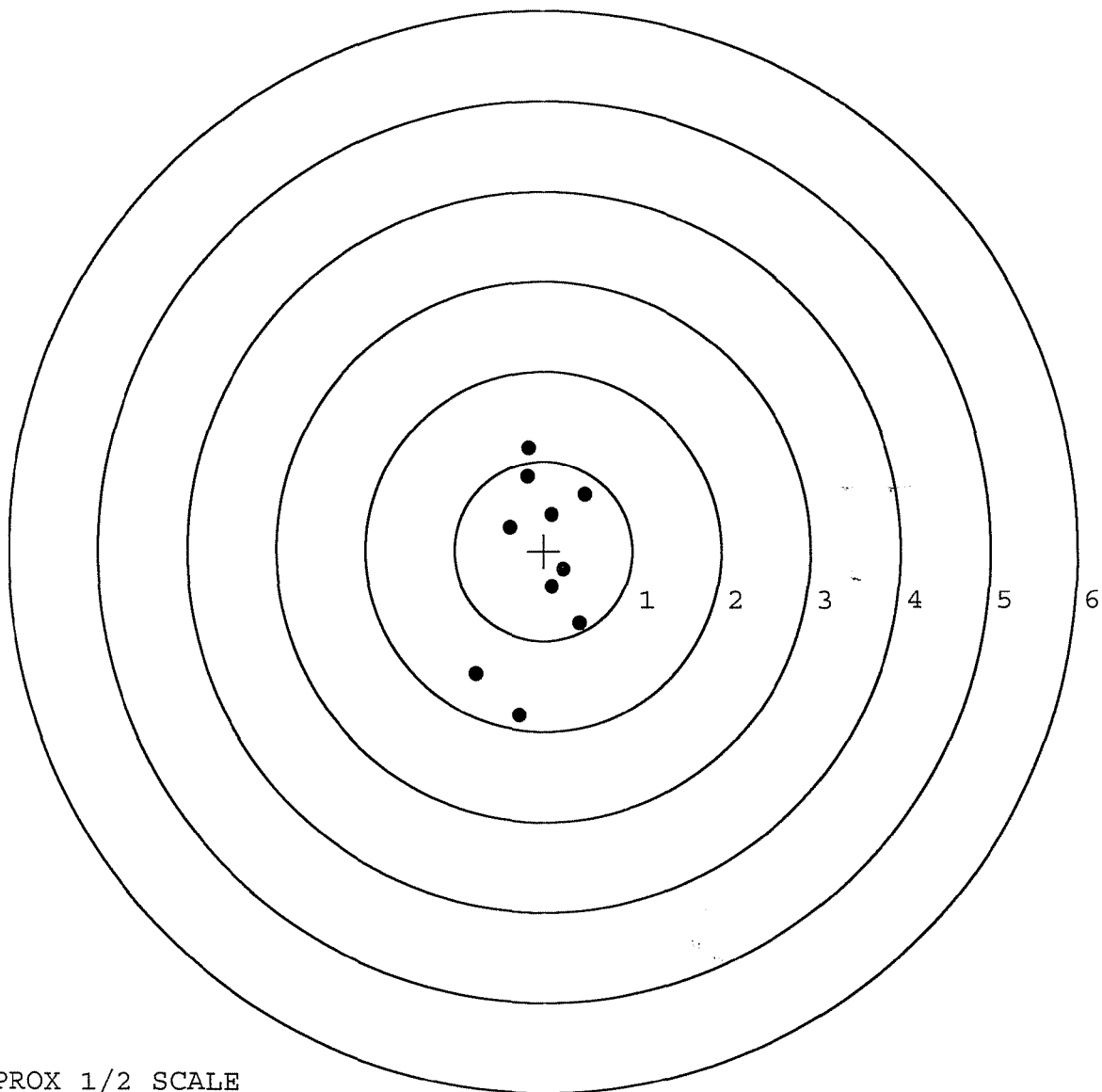


BARBER - M24 0153855

SERIAL NUMBER: G6461622. __0
TARGET NUMBER: 5
FILE DATE: 09/02/2005
FILE TIME: 11:20

POINT#	X	Y
1:	-0.284	-1.820
2:	-0.764	-1.370
3:	0.411	-0.812
4:	0.096	-0.406
5:	0.222	-0.211
6:	0.472	0.629
7:	0.088	0.400
8:	-0.384	0.258
9:	-0.185	0.833
10:	-0.171	1.153

X CENTROID: -0.050
Y CENTROID: -0.135
POA TO CENTROID: 0.144
HORZ SPREAD: 1.236
VERT SPREAD: 2.973
GROUP SPREAD: 2.975
MIN RADIUS: 0.282
MAX RADIUS: 1.702
MEAN RADIUS: 0.880
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0153856

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 7-5-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.32	2.49	2.74	
PULL #2	2.36	2.68	2.41	
PULL #3	2.31	2.62	2.27	
PULL #4	2.61	2.63	2.40	
PULL #5	2.66	2.55	2.33	
TOTAL	12.26	12.97	12.15	
AVERAGE	2.45	2.59	2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.35	3.20	
PULL #2	3.21	3.12	
PULL #3	3.24	3.14	
PULL #4	3.06	3.14	
PULL #5	3.06	3.16	
TOTAL	15.92	15.76	
AVERAGE	3.18	3.15	

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.61	4.08		4.68
PULL #2	4.16	4.34		4.44
PULL #3	4.16	4.40		4.48
PULL #4	4.06	4.08		4.31
PULL #5	4.15	4.22		4.53
TOTAL	21.14	21.12		22.44
AVERAGE	4.22	4.22		4.48

BARBER - M24 **M2400153896**




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

MODEL 700TH M24

SERIAL NO.
C6225051

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

ORDER NO.
5716



5716 C6225051

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225051

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	8 8	FB
600	Proof	9 19	8 8	RW
607	Check Headspace	9 19	8 8	RW
610	Dis-assemble Gun	9 19	8 8	RW
612	Magnaflux Barrel Action		9 22 88	P/c.
	Magnaflux Bolt		9 22 88	P/c.
615	Rollmark Caliber		10-7-88	G.S.
617	Drill and Tap Sight Holes		10-7-88	F.B.
618	Polish Barrel		10-7-88	WJ7
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		10/10/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/10/88	RW
	C) Inspect Ejector Hole for Chamfer		10/10/88	RW
	D) Oil Firing Pin Ass'y		10/10/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/10/88	JL

BARBER - M24 0153860

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			11/10/88	JSJ
	G) Safety Off Force	3	3	3			11/10/88	JSJ
	H) Trigger Pull Test & Retainability						10/10/88	JLJ
	I) Firing Pin Indent	.022	.022	.022			11/10/88	JSJ
	J) Assemble Stock						2/3/89	RW
	K) Assemble Swivel Studs						8/21/89	JSJ
	L) Attach Front and Rear Sight Assemblies						2/3/89	RW
	M) Iron Sight Alignment						2/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/3/89	RW
	O) Attach Scope to Rifle						2/3/89	RW
	P) Detach & Attach Scope 20 Times						6/21/89	JSJ
640	Gallery Target & Test	GIR 91L					2/7/89	DH
	A) Time						2/7/89	DH
	B) Malfunctions						2/7/89	DH
	C) Pierced Primers						2/7/89	DH
	D) Optical Clarity of Scope						2/7/89	DH
645	Inspect for Live Ammo						2/7/89	DH
655	Final Inspection							
	A) Headspace						8/21/89	JSJ
	B) Trigger Pull	2.27	2.33	2.45	2.48	2.52	8/21/89	JSJ
	C) Function						8/21/89	JSJ
660	Pack						27/10/89	JSJ

5051

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50# + .50#
3.00# + .75#
4.00# + 1.00#SERIAL NO. C6775217DATE 5/26/89TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.25	2.20	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.37	2.22	2.37	
PULL #3	2.40	2.38	2.22	2.43	
PULL #4	2.37	2.38	2.15	2.36	
PULL #5	2.24	2.23	2.15	2.41	
TOTAL	11.72	11.61	10.94	11.84	
AVG.	2.34	2.32	2.19	2.368	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.24		
PULL #2	3.23	3.19		
PULL #3	3.32	3.33		
PULL #4	3.40	3.25		
PULL #5	3.44	3.29		
TOTAL	16.63	16.30		
AVG.	3.32	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.26		4.07
PULL #2	4.39	4.28		4.13
PULL #3	4.28	4.24		4.09
PULL #4	4.20	4.24		4.18
PULL #5	4.28	4.21		4.15
TOTAL	21.60	21.23		20.62
AVG.	4.32	4.24		4.12

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225051
10 Feb 1989

CENTROIDAL DISTANCES

0 TO 1	.395545
1 TO 2	.571685
1 TO 3	.277914
1 TO 4	.538065
1 TO 5	.485603

$\begin{matrix} & 2 \\ & 1 \\ + & \end{matrix}$ <----POA

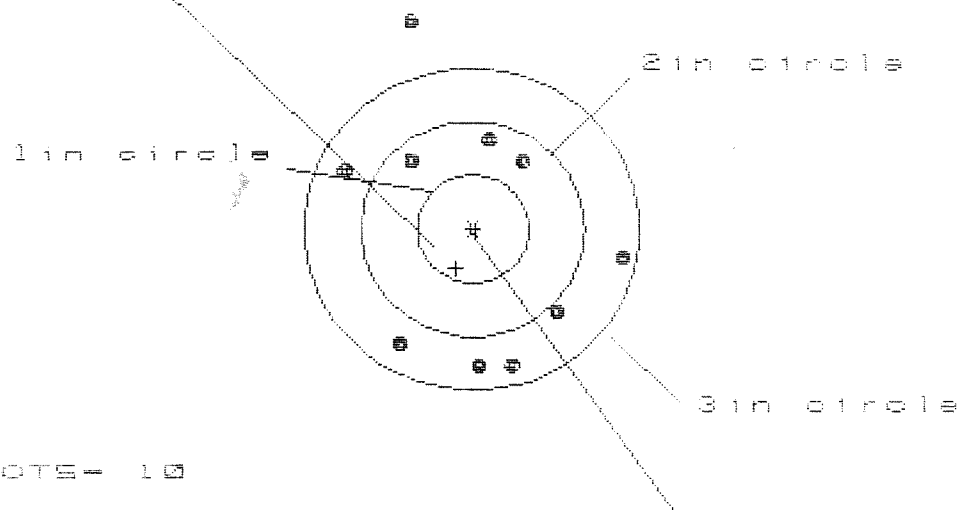
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3712
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2040
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .439227
THE AMR FOR THIS RIFLE IS: 1.088

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225051

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 9

HS = 2.513

VS = 3.250

GS = 3.347

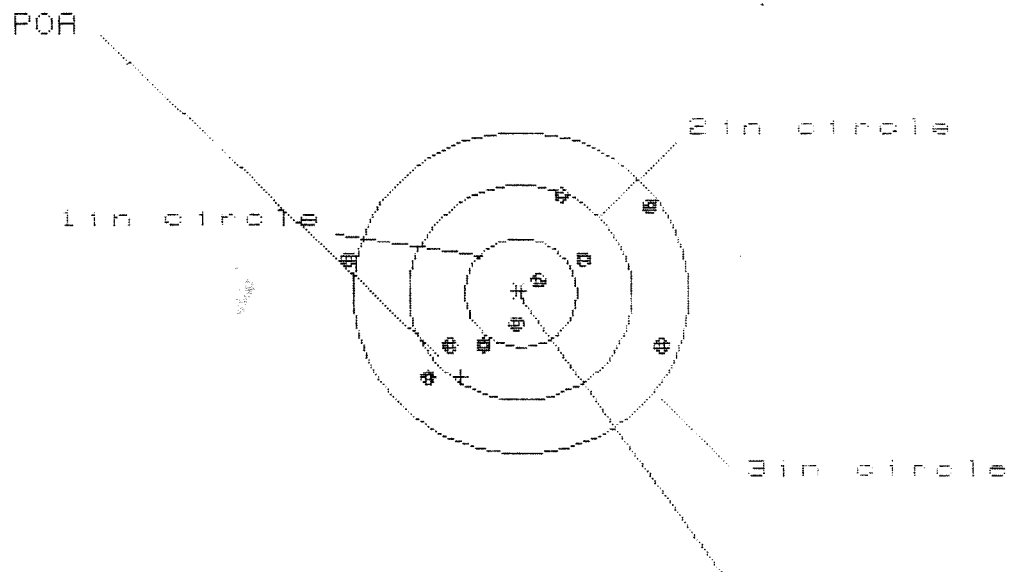
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.349	1.283	.838
MINIMUM X	-1.164	-1.230	-1.070
MAXIMUM Y	1.975	1.018	1.017
MINIMUM Y	-1.275	-1.056	-1.057
CENTROID X	.150	.216	.056
CENTROID Y	.366	.147	.148
POA TO CENTROID in.	.396	.261	.158
MIN RADIUS	.773	.893	.989
MEAN RADIUS	1.208	1.100	1.072
MAX RADIUS	2.062	1.451	1.317
HORIZONTAL SPREAD	2.513	2.513	1.908
VERTICAL SPREAD	3.250	2.074	2.074
EXTREME SPREAD	3.347	2.631	2.339
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225051

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.825

VS= 1.755

GS= 2.945

CENTROID #

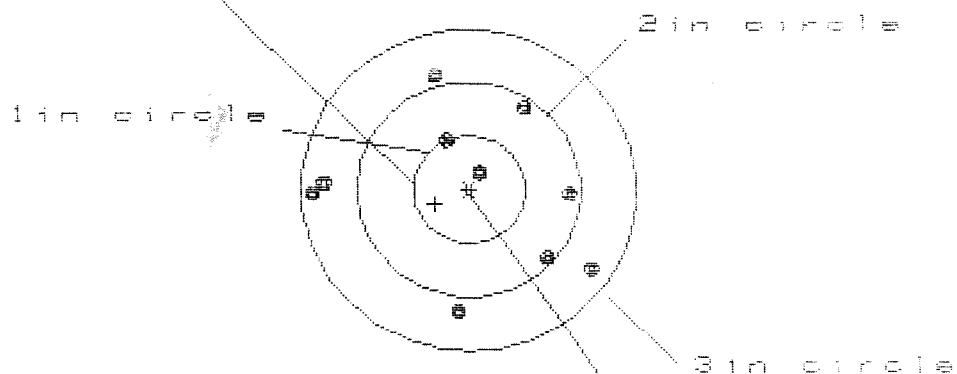
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.287	1.116	1.241
MINIMUM X	:	-1.538	-1.013	-.888
MAXIMUM Y	:	.948	.985	1.091
MINIMUM Y	:	-.807	-.770	-.665
CENTROID X	:	.540	.711	.586
CENTROID Y	:	.784	.747	.642
POA TO CENTROID in.	:	.952	1.032	.869
MIN RADIUS	:	.181	.174	.146
MEAN RADIUS	:	.910	.832	.751
MAX RADIUS	:	1.573	1.314	1.292
HORIZONTAL SPREAD	:	2.825	2.129	2.129
VERTICAL SPREAD	:	1.755	1.755	1.755
EXTREME SPREAD	:	2.945	2.586	2.151
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225051

CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.485

VS = 2.257

GS = 2.569

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.082	.926	.745
MINIMUM X	-1.403	-1.449	-.670
MAXIMUM Y	1.081	1.076	1.080
MINIMUM Y	-1.176	-1.181	-1.177
CENTROID X	.306	.462	.643
CENTROID Y	.136	.140	.136
POA TO CENTROID in.	.335	.482	.657
MIN RADIUS	.197	.187	.308
MEAN RADIUS	.977	.911	.829
MAX RADIUS	1.403	1.449	1.271
HORIZONTAL SPREAD	2.485	2.375	1.415
VERTICAL SPREAD	2.257	2.257	2.257
EXTREME SPREAD	2.569	2.483	2.270
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225051

CENTERFIRE PATTERNS

4

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.624

VS= 3.171

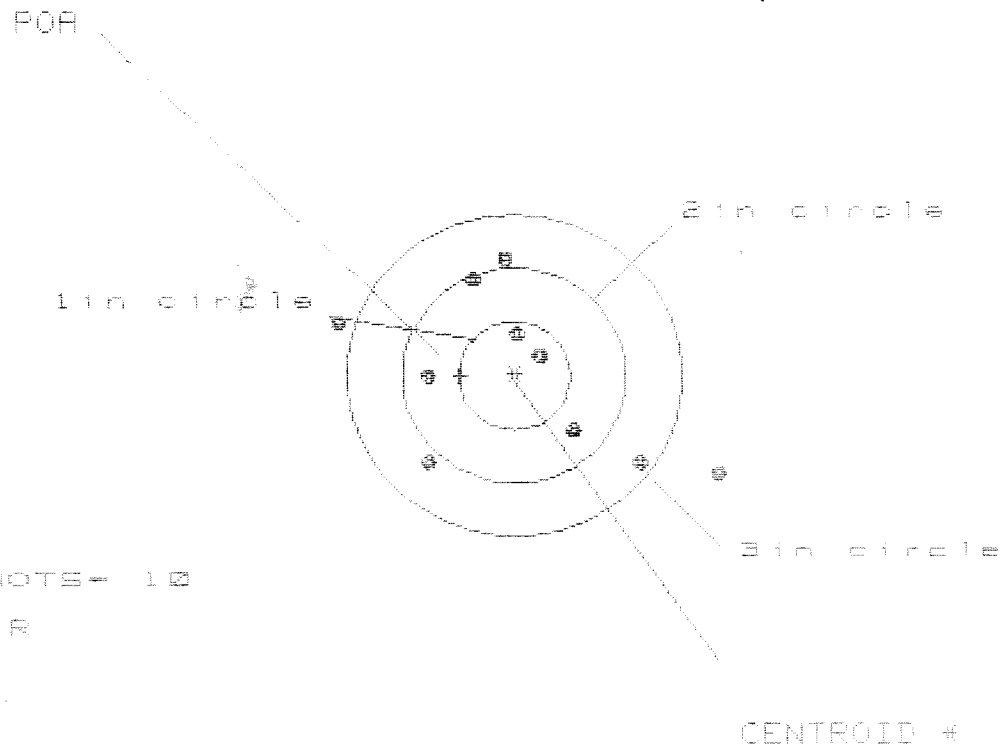
GS= 3.504

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.198	1.247	1.123
MINIMUM X	-1.426	-1.377	-1.502
MAXIMUM Y	1.825	1.525	1.382
MINIMUM Y	-1.346	-1.143	-1.103
CENTROID X	.383	.334	.459
CENTROID Y	-.119	-.322	-.179
POR TO CENTROID in.	.401	.464	.492
MIN RADIUS	.615	.819	.640
MEAN RADIUS	1.303	1.232	1.168
MAX RADIUS	1.878	1.530	1.690
HORIZONTAL SPREAD	2.624	2.624	2.624
VERTICAL SPREAD	3.171	2.668	2.485
EXTREME SPREAD	3.504	3.029	3.029
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225051

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.356

VS= 2.000

GS= 3.621

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.784
MINIMUM X	-1.572
MAXIMUM Y	1.114
MINIMUM Y	-0.886
CENTROID X	.477
CENTROID Y	.007
POA TO CENTROID in.	.477
MIN RADIUS	.273
MEAN RADIUS	1.040
MAX RADIUS	1.992
HORIZONTAL SPREAD	3.356
VERTICAL SPREAD	2.000
EXTREME SPREAD	3.621
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0153868

COMMENTS

ORDER
R 94-19418

INITIAL
JJM

CUSTOMER ORDER NO.

W/10X SCOPE M-24 SNIPER

DATE RECEIVED
06/21/94

DATE OPENED
06/22/94

DATE CODE

SERIAL NUMBER
C6225051

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

FROM:

HHC 1/325 A.I.R.
SPC ROMAN
FT BRAGG

NC 28307

SHIP TO:

HHC 1/325 A.I.R.
SPC ROMAN
FT BRAGG

NC
28307

CUST NO:099027 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

Adjustable butt Plate Broken, Barrel Not Free
Floating, New Barrel

PARTS

COMMENTS

Barrel - 96003

Re powder Coat - Floor plate, latch,
Trigger Guard, Front & Rear
Sight Bases
New Zinc - Scope Base, Rings &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

WS2409 41 75 #227

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0153868 53907

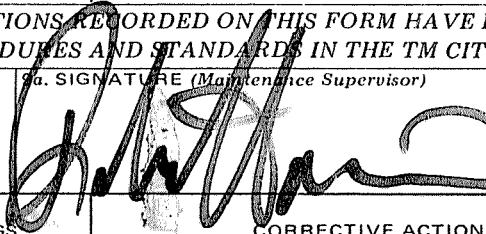
DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

DEPARTMENT OF THE ARMY
HAC 1/325 AIR.
ATTN: SPC Roman
Ft. Bragg N.C. 28307
OFFICIAL BUSINESS

Remington Arms Co. INC.
ATTN: Fabricated products Dept.
14 Hoefler Avenue
Ilion NY, 13357 1816

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 HHC 1325 AIR		2. NOMENCLATURE AND MODEL M-24 SWS					
3. REGISTRATION/SERIAL/NSN C 622 5051		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE 16 Apr 94	6. TYPE INSPECTION PMCS
7. APPLICABLE REFERENCE							
TM NUMBER 9-1005-306-10		TM DATE JUNE 1994		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
						94/06	
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d		INITIAL WHEN CORRECTED e	
2	(X)	barrel touches the stock					
2	(X)	Adjustable stock will not lock when set					
2	(X)	Lock Ring does not lock the eyepiece					
2	(X)	barrel needs rebored					
DO NOT FIRE							

[illegible]

GPO : 1991 0 - 301-856 (40140)

Gun #3 SN -

SNIPER'S RECORD

DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL	DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL
3 May 89	M118	50	50	15 Nov 89	M118	70	720
24 May 89	M118	50	100	16 Nov 89	M118	100	820
16 June 89	M118	50	150	17 Nov 89	M118	50	870
29 June 89	M118	50	200	18 Nov 89	M118	100	970
8 July 89	M118	80	280	27 Nov 89	M118	80	1050
26 Aug 89	M118	80	360	28 Nov 89	M118	80	1130
24 Aug 89	M118	140	500	4 Dec 89	M118	100	1230
10 Sep 89	M118	50	550	10 Dec 89	M118	60	1290
6 Oct 89	M118	50	600	Jan 15, 90	M118	80	1370
7 Oct 89	M118	50	650	Jan 16, 90	M118	50	1420
REMARKS				TOTAL THIS PAGE			1420
				TOTAL FROM PREVIOUS PAGES			0
				CUMULATIVE TOTAL			1420

SNIPER'S RECORD

DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL	DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL
7 Feb 90	M118	70	1490	10 June 90	M118	50	2250
8 Feb 90	M118	60	1550	11 Jan 90	M118	50	2300
13 Mar 90	M118	150	1700	8 July 90	M118	70	2370
14 Mar 90	M118	50	1750	9 July 90	M118	150	2520
15 Mar 90	M118	50	1800	20 July 90	M118	70	2590
20 Apr 90	M118	100	1900	21 July 90	M118	70	2660
21 Apr 90	M118	100	2000	22 July 90	M118	70	2730
4 May 90	M118	50	2050	23 July 90	M118	70	2800
5 May	M118	50	2100	24 July 90	M118	80	2880
6 June 90	M118	100	2200	25 July 90	M118	100	2980
REMARKS				TOTAL THIS PAGE			
				TOTAL FROM PREVIOUS PAGES			
				CUMULATIVE TOTAL			2980

2980
SNIPER'S RECORD

DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL	DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL
20 Mar 91	M118	40	3020	Aug 91	M118	60	3315
22 Mar 91	M118	50	3070	Sep 91	M118	30	3345
23 Apr 91	M118	70	3140	7 Oct 91	M80	25	3370
5 May 91	M118	40	3180	8 Oct 91	M118	100	3470
6 May 91	M118	30	3210	10 Nov 91	M118	90	3550
8 Jun 91	M118	50	3260	11 Dec 91	M118	30	3600
9 July 91	M118	100	3360	14 Dec 91	M118	25	3625
12 July 91	M118	110	3470	15 Jan 92	M118	100	3725
Aug 91	M118	105	3575	16 Jan 92	M118	90	3815
Aug 91	M118	80	3255	13 Feb 92	M118	40	3855
REMARKS				TOTAL THIS PAGE			
				TOTAL FROM PREVIOUS PAGES			
				CUMULATIVE TOTAL			

3855

SNIPER'S RECORD

DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL	DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL
7 Mar 92	M118	50	3905	9 Feb 93	M118	25	4485
18 Mar 92	M118	60	3965	10 Feb 93	M118	100	4585
14 Apr 92	M118	40	4005	20 Mar 93	M118	50	4635
9 Jun 92	M118	100	4105	16 May 93	M118	100	4735
10 Jun 92	M118	100	4205	17 May 93	M118	40	4775
8 Aug 92	M118	100	4305	9 Jun 93	M118	50	4845
10 Oct 92	M118	66	4365	7 Aug 93	M118	60	4905
15 Nov 92	M118	30	4395	9 Sep 93	M118	25	4930
16 Nov 92	M118	25	4420	28 Nov 93	M118	25	4955
7 Jan 93	M118	40	4460	29 Nov 93	M118	100	5055
REMARKS				TOTAL THIS PAGE			
				TOTAL FROM PREVIOUS PAGES			
				CUMULATIVE TOTAL			5055

SNIPER'S RECORD

DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL	DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL
12 Jan 94	M118	25	5680				
13 Jan 94	M618	100	5180				
7 Mar 94	M118	25	5205				
8 Mar 94	M118	100	5305				
REMARKS				TOTAL THIS PAGE			
				TOTAL FROM PREVIOUS PAGES			
				CUMULATIVE TOTAL			

SNIPER'S RECORD

DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL	DATE	TYPE OF ROUNDS	NO. RDS. FIRED	TOTAL
REMARKS				TOTAL THIS PAGE			
				TOTAL FROM PREVIOUS PAGES			
				CUMULATIVE TOTAL			

Final Inspection

In: C6225051

DATE REC'D: 6/21/94

DATE RET'D:

EDITOR: 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:

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		6/23/94	RW
600	Proof		6/23/94	RW
607	Check Headspace		6/23/94	RW
610	Dis-assemble Gun		6/23/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/19/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/19/94	RW
	C) Inspect Ejector Hole for Chamfer		7/19/94	RW
	D) Oil Firing Pin Ass'y		7/19/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/19/94	RW

op. #	BARBER - M24 0153880 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						7/22/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						7/22/94	RW
655	Final Inspection A) Headspace						7/23/94	RW
	B) Trigger Pull	2.79	2.75	2.76	2.77	2.74	7/23/94	RW
	C) Function						7/23/94	RW
660	Pack							

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C0225051

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 3.152

VS = 3.236

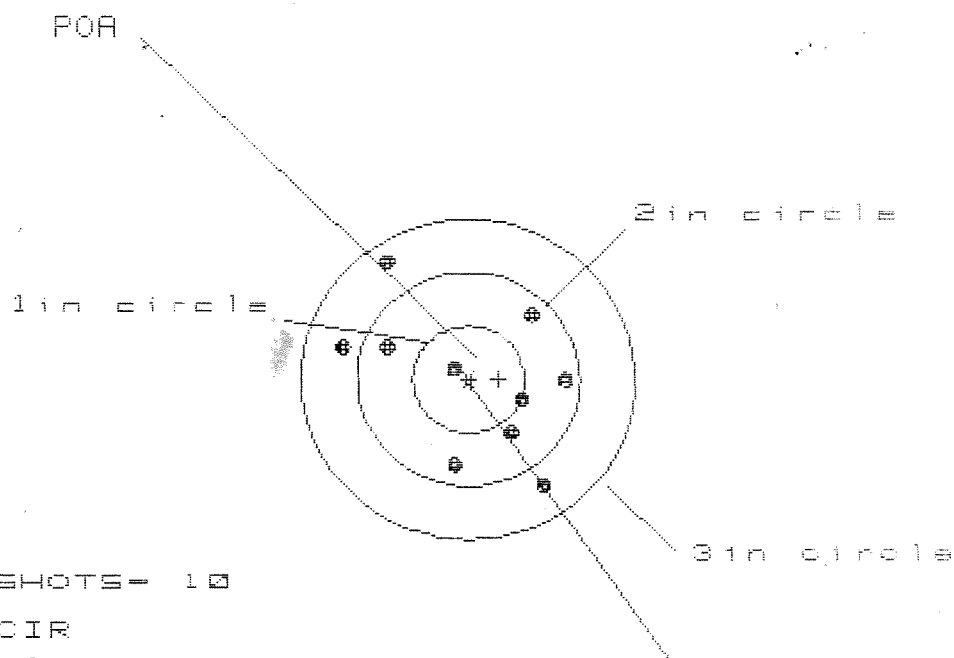
GS = 3.282

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.759	1.696	1.252
MINIMUM X	:	-1.393	-1.456	-1.244
MAXIMUM Y	:	1.482	1.287	1.220
MINIMUM Y	:	-1.754	-1.553	-1.620
CENTROID X	:	-.023	.040	-.172
CENTROID Y	:	-.132	.063	.130
POA TO CENTROID in.	:	.134	.074	.216
MIN RADIUS	:	.373	.203	.398
MEAN RADIUS	:	1.115	.993	.903
MAX RADIUS	:	1.843	1.780	1.398
HORIZONTAL SPREAD	:	3.152	3.152	2.496
VERTICAL SPREAD	:	3.236	1.840	1.840
EXTREME SPREAD	:	3.282	3.166	2.524
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225051

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

CENTROID *

HS= 2.010

VS= 2.024

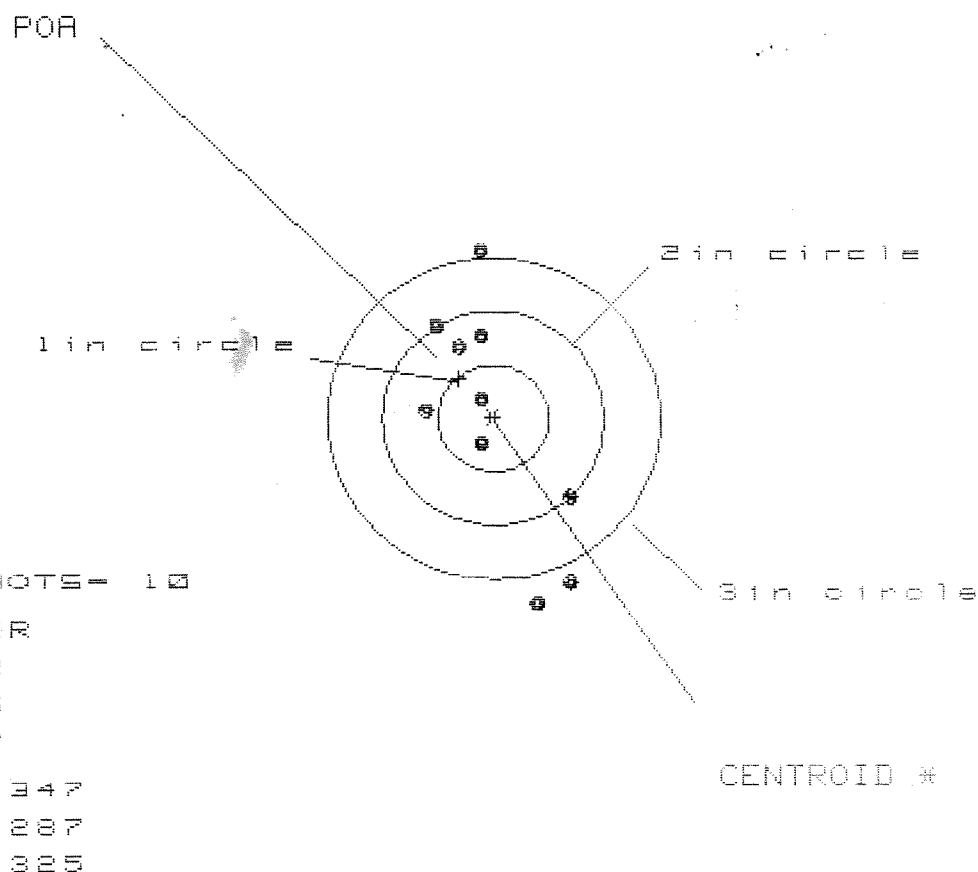
GS= 2.462

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.837	.759	.603
MINIMUM X	:	-1.173	-1.251	-1.008
MAXIMUM Y	:	1.072	.750	.807
MINIMUM Y	:	-.952	-.833	-.776
CENTROID X	:	-.270	-.192	-.036
CENTROID Y	:	-.004	-.123	-.180
POA TO CENTROID in.	:	.270	.228	.184
MIN RADIUS	:	.186	.316	.216
MEAN RADIUS	:	.830	.762	.659
MAX RADIUS	:	1.279	1.331	1.104
HORIZONTAL SPREAD	:	2.010	2.010	1.611
VERTICAL SPREAD	:	2.024	1.583	1.583
EXTREME SPREAD	:	2.462	2.277	1.920
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225051

CENTERFIRE PATTERNS # 3



PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.728	.773	.860
MINIMUM X	-.619	-.574	-.487
MAXIMUM Y	1.603	1.416	1.200
MINIMUM Y	-1.684	-1.731	-1.092
CENTROID X	.316	.271	.184
CENTROID Y	-.373	-.186	.030
POA TO CENTROID in.	.489	.329	.187
MIN RADIUS	.220	.040	.205
MEAN RADIUS	.951	.813	.644
MAX RADIUS	1.732	1.866	1.390
HORIZONTAL SPREAD	1.347	1.347	1.347
VERTICAL SPREAD	3.287	3.147	2.292
EXTREME SPREAD	3.325	3.235	2.436
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

28 Jul 1984

FILE:/PATTERNING/CENTERFIRE_PATT/C6225051

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.746

VS= 2.502

GS= 3.051

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.917

.475

.384

MINIMUM X

:

-.829

-.728

-.459

MAXIMUM Y

:

1.220

1.077

.604

MINIMUM Y

:

-1.282

-.935

-.800

CENTROID X

:

.011

-.091

-.000

CENTROID Y

:

-.092

.050

-.085

POA TO CENTROID in.:

.093

.104

.085

MIN RADIUS

:

.181

.176

.171

MEAN RADIUS

:

.673

.574

.459

MAX RADIUS

:

1.576

1.300

.935

HORIZONTAL SPREAD

:

1.746

1.203

.843

VERTICAL SPREAD

:

2.502

2.012

1.404

EXTREME SPREAD

:

3.051

2.273

1.513

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

8

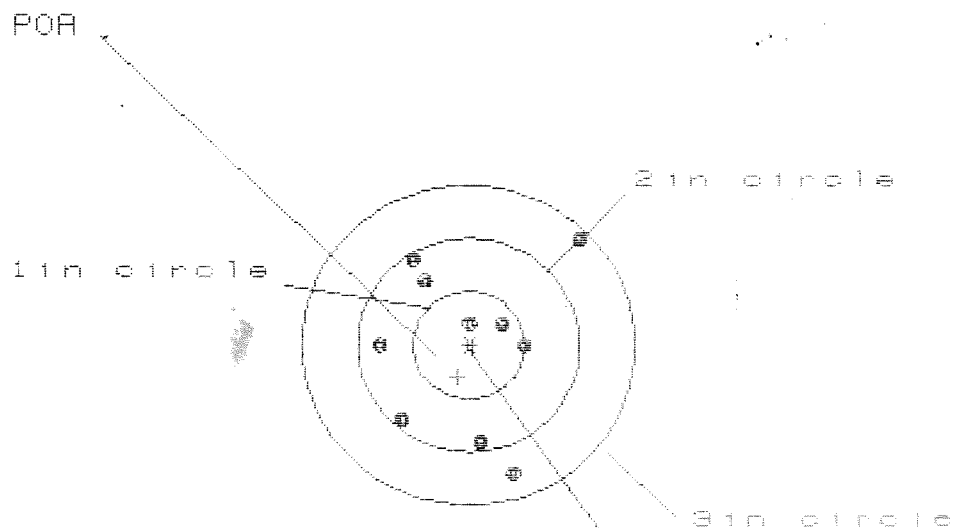
NUMBER IN THREE INCH CIRCLE =

9

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225051

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.833

VS= 2.182

GS= 2.328

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.026
MINIMUM X	-0.807
MAXIMUM Y	1.013
MINIMUM Y	-1.169
CENTROID X	.102
CENTROID Y	.298
POA TO CENTROID in.	.315
MIN RADIUS	.204
MEAN RADIUS	.806
MAX RADIUS	1.441
HORIZONTAL SPREAD	1.833
VERTICAL SPREAD	2.182
EXTREME SPREAD	2.328
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10