

C6225146

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

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: **RE00043094** Serial: C6225146 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 3/11/02 4:00:12 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HHC 1 504TH PIR** **HHC 1 504TH PIR**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 432 1944**

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A045	Bi Pod	1

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

napleh 3/11/02 4:43 PM CAPS NUM INS SCRL

Start Inbox SWS RAC1 SWS Arms SWS Score 4:43 PM

Serial Number: **C6225146**

Model: **700**



RE00043094

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225146.___0
FILE DATE AND TIME: 03/26/2002 18:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.020
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.667
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.301
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.336
The Distance from Centroid Target #5 to Centroid Target #1:	0.320

BARBER - M24 0050007

SERIAL NUMBER: C6225146. __0

TARGET NUMBER: 1

FILE DATE: 03/26/2002

FILE TIME: 18:28

X CENTROID: 0.061

Y CENTROID: 0.182

POA TO CENTROID: 0.192

HORZ SPREAD: 1.442

VERT SPREAD: 1.579

GROUP SPREAD: 2.039

MIN RADIUS: 0.051

MAX RADIUS: 1.156

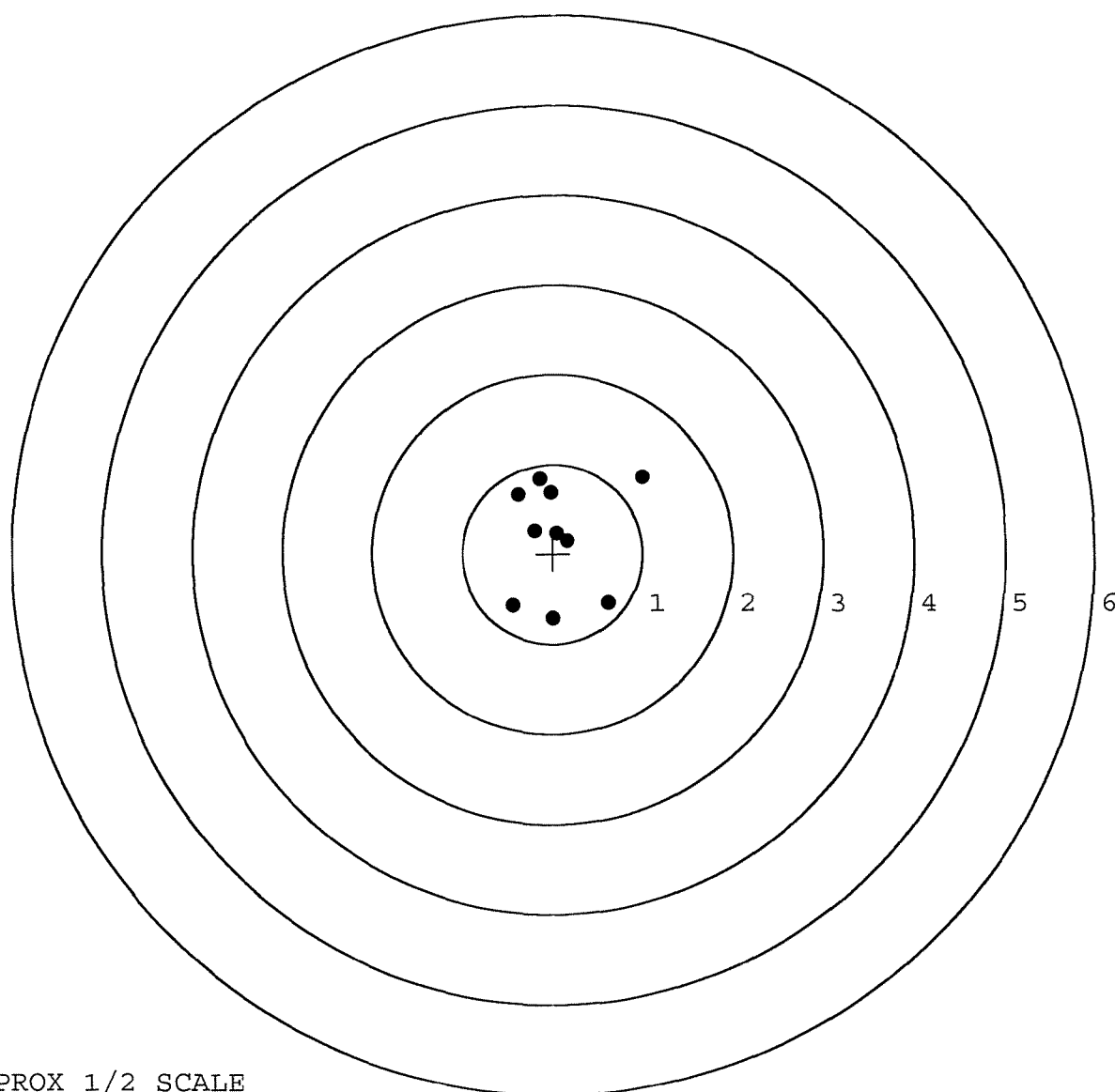
MEAN RADIUS: 0.620

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.623	-0.550
2:	0.999	0.858
3:	0.006	-0.721
4:	-0.443	-0.584
5:	0.165	0.145
6:	-0.203	0.257
7:	-0.032	0.686
8:	-0.148	0.840
9:	-0.393	0.657
10:	0.040	0.228



TARGET APPROX 1/2 SCALE

BARBER - M24 0050008

SERIAL NUMBER: C6225146. __0

TARGET NUMBER: 2

FILE DATE: 03/26/2002

FILE TIME: 18:28

X CENTROID: -0.048

Y CENTROID: -0.099

POA TO CENTROID: 0.110

HORZ SPREAD: 2.445

VERT SPREAD: 1.143

GROUP SPREAD: 2.453

MIN RADIUS: 0.091

MAX RADIUS: 1.468

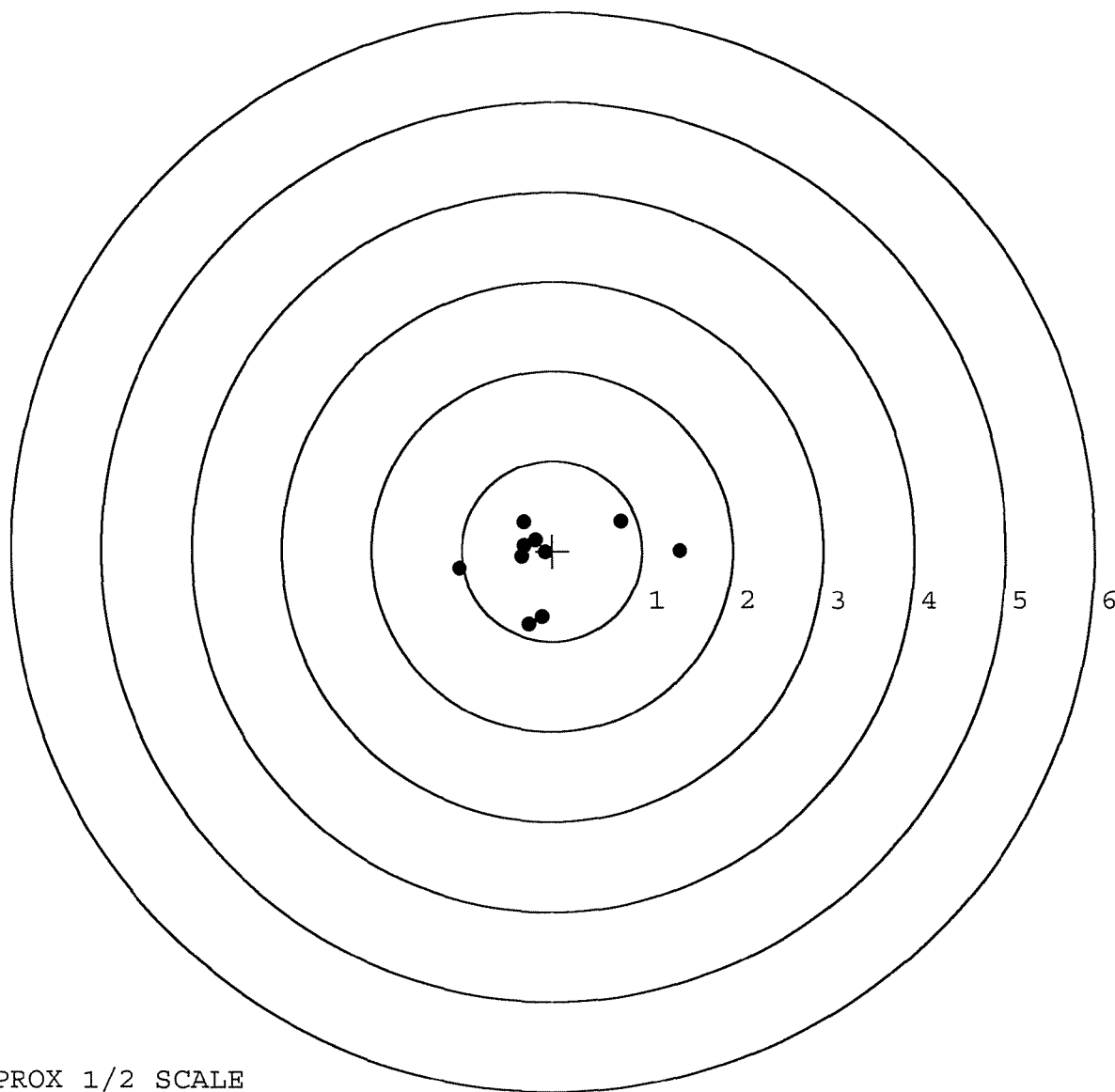
MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.417	-0.004
2:	0.765	0.329
3:	-0.115	-0.735
4:	-0.264	-0.814
5:	-1.028	-0.197
6:	-0.343	-0.066
7:	-0.082	-0.015
8:	-0.319	0.321
9:	-0.190	0.126
10:	-0.319	0.066



TARGET APPROX 1/2 SCALE

BARBER - M24 0050009

SERIAL NUMBER: C6225146. __0

TARGET NUMBER: 3

FILE DATE: 03/26/2002

FILE TIME: 18:28

X CENTROID: -0.087

Y CENTROID: 0.040

POA TO CENTROID: 0.096

HORZ SPREAD: 2.082

VERT SPREAD: 1.445

GROUP SPREAD: 2.258

MIN RADIUS: 0.091

MAX RADIUS: 1.177

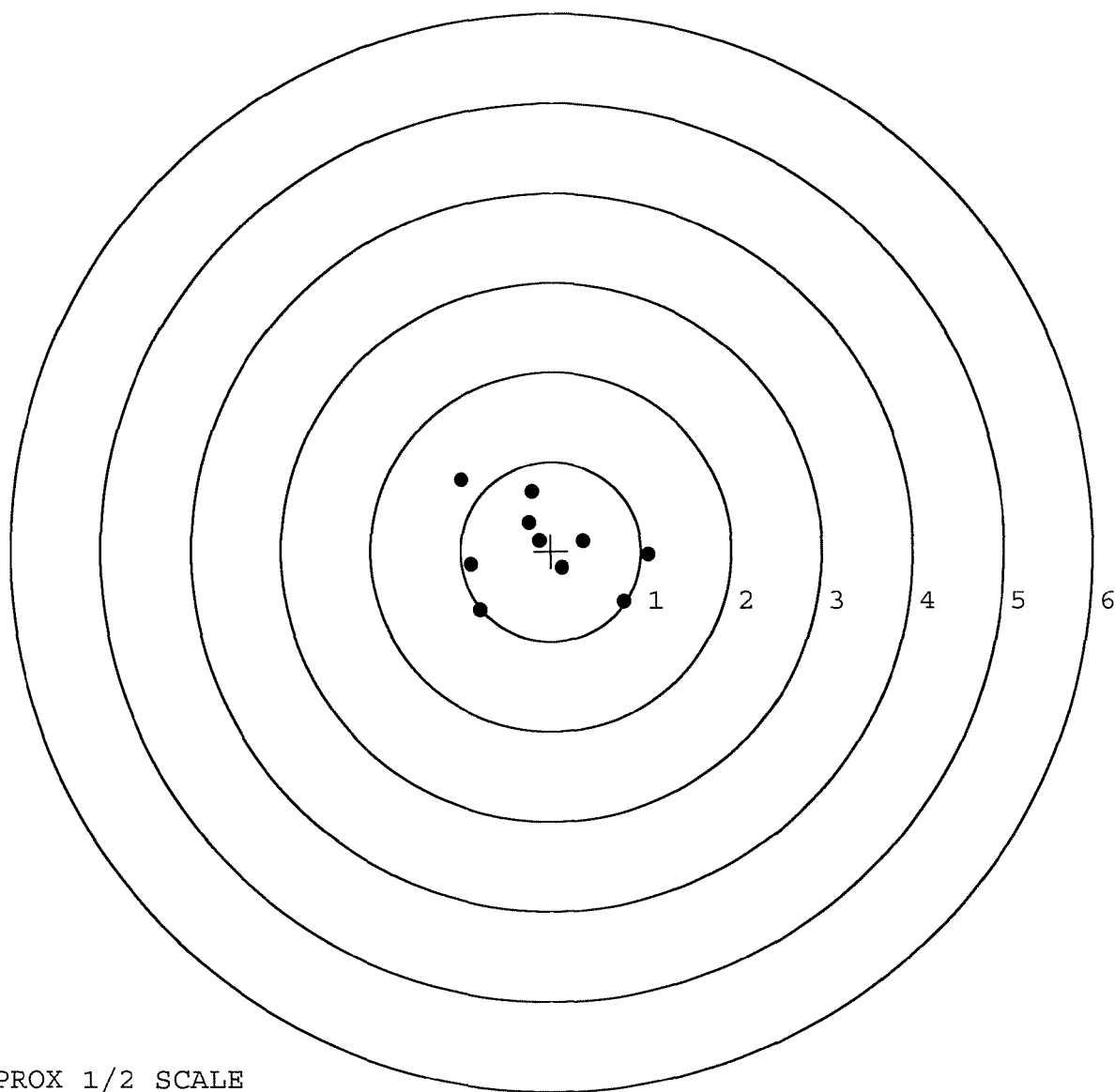
MEAN RADIUS: 0.705

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.813	-0.563
2:	1.086	-0.043
3:	0.365	0.114
4:	-0.996	0.788
5:	-0.215	0.663
6:	-0.882	-0.150
7:	-0.783	-0.657
8:	-0.131	0.119
9:	-0.249	0.316
10:	0.123	-0.189



TARGET APPROX 1/2 SCALE

BARBER - M24 0050010

SERIAL NUMBER: C6225146. __0

TARGET NUMBER: 4

FILE DATE: 03/26/2002

FILE TIME: 18:28

X CENTROID: -0.039

Y CENTROID: -0.139

POA TO CENTROID: 0.145

HORZ SPREAD: 1.614

VERT SPREAD: 1.802

GROUP SPREAD: 2.109

MIN RADIUS: 0.220

MAX RADIUS: 1.191

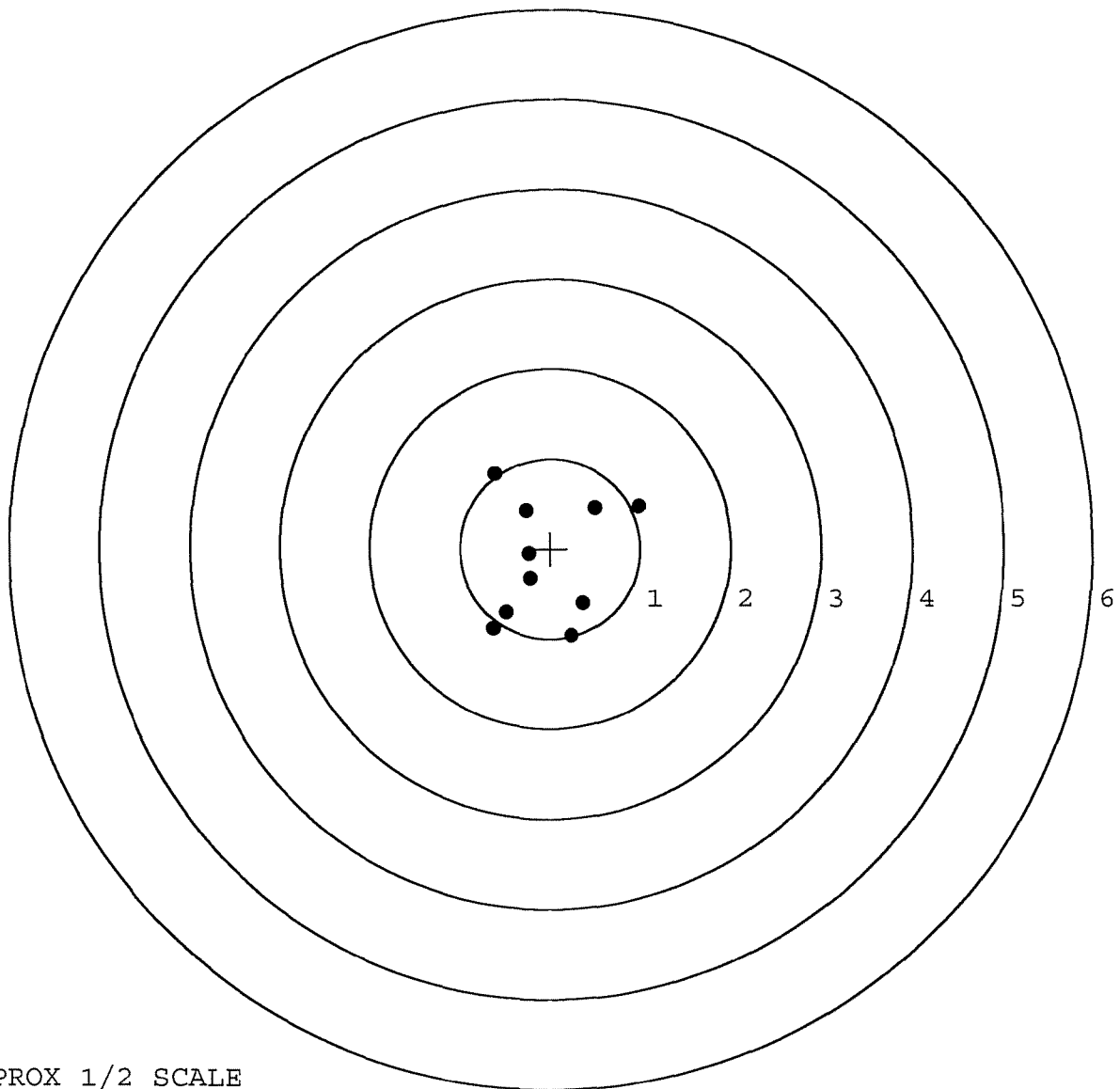
MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.240	-0.973
2:	0.369	-0.610
3:	0.984	0.471
4:	0.497	0.450
5:	-0.270	0.424
6:	-0.618	0.829
7:	-0.630	-0.887
8:	-0.493	-0.712
9:	-0.228	-0.327
10:	-0.244	-0.058



TARGET APPROX 1/2 SCALE

BARBER - M24 0050011

SERIAL NUMBER: C6225146. __0

TARGET NUMBER: 5

FILE DATE: 03/26/2002

FILE TIME: 18:28

X CENTROID: 0.015

Y CENTROID: -0.135

POA TO CENTROID: 0.136

HORZ SPREAD: 1.425

VERT SPREAD: 1.457

GROUP SPREAD: 1.477

MIN RADIUS: 0.242

MAX RADIUS: 0.929

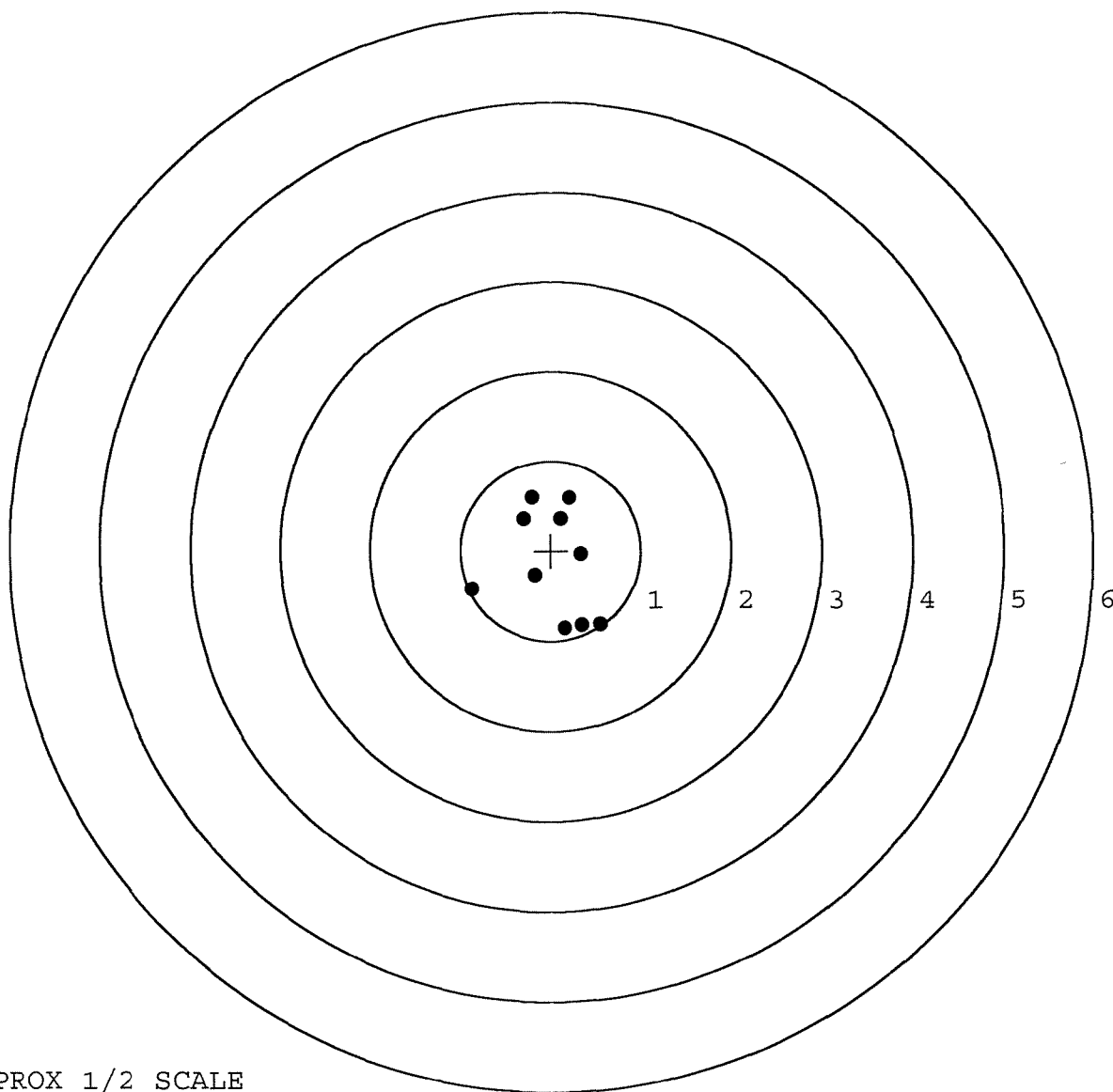
MEAN RADIUS: 0.649

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.558	-0.817
2:	0.349	-0.829
3:	0.157	-0.861
4:	-0.182	-0.277
5:	-0.867	-0.428
6:	0.337	-0.042
7:	0.204	0.589
8:	-0.215	0.596
9:	-0.303	0.356
10:	0.108	0.359



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 43094

SERIAL NUMBER C6225146

LOG-IN DATE 3/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/15/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/18/02	BWT
B	DRILL AND TAP	3/18/02	BWT
C	POLISH		
575	ASSEMBLE		
600	PROOF	3/18/02	RW
605	CHECK HEADSPACE	3/18/02	RW
610	DIS-ASSEMBLE GUN	3/18/02	RW
612	MAGNAFLUX		OPERATOR LPL
615	ROLLMARK CALIBER	3/19/02	JCD
618	ROTO-BLAST		
620	APPLY COATINGS	3-21	TA
625 A	FINAL ASSEMBLY	3-23-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-26-02	AC
655	FINAL INSPECT	3-27-02	BL
660	PACK	3-27-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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: RE00023637
Verify Repair:

Serial: C6225146 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:
Status: Closed 2/27/01 7:55:38 AM

Address Information

Customer: /
Name: COMMANDER
Address 1: HHC 1/504
Address 2: ATTN:SSG SUPER
City: FT BRAGG
State: NC Zip Code: 28310 Country: US

Received From:
Return To: COMMANDER
HHC 1/504
ATTN:SSG SUPER
FT BRAGG
State: NC Zip Code: 28310 Country: US

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:
Fax:
Email:
Comments:

Received Condition
Port:
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
X	BIPOD	1
XX	L/ REAR STUD	1

Repair Search

Refresh

Close

haglet

2/27/01

8:02 AM

CAPS

NUM

INS

SCRL

Start

N
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FL

8:02 AM

Serial Number: _____

C6225146

Model: 700



RE00023637

DAT

1. SHIP FROM HHC 1/504th PIR Pt. Bragg, NC 28307										2. SHIP TO FTE Remington Arms Co. 14 Hoffer Ave. Ilion, NY 13357									
3. MARK FOR										4. MARK FOR									
5. UNIT PRICE DOLLARS CTS 514500										6. UNIT PRICE DOLLARS CTS 514500									
7. UNIT PRICE DOLLARS CTS 514500										8. UNIT PRICE DOLLARS CTS 514500									
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95. UNIT PRICE DOLLARS CTS 514500										96. UNIT PRICE DOLLARS CTS 514500									
97. UNIT PRICE DOLLARS CTS 514500										98. UNIT PRICE DOLLARS CTS 514500									
99. UNIT PRICE DOLLARS CTS 514500										100. UNIT PRICE DOLLARS CTS 514500									

PREVIOUS EDITION MAY BE USED

1043 4004

~~0325 4011~~ ^{rel}

W36QOV

R95387

1005-01-240-2136

Sgt#C6225146

82nd PBO
Team # 1
Approved

Int.

0001

BARBER - M24 0050015

DA FORM 5988-E

1-504 PARA INF REG

EQUIPMENT DATA

EQUIP SERIAL NUM: C6225146
REGISTRATION NUM:
TYPE INSPECTION: Q
CURRENT READING: 000000

DATE	CHANGE NUMBER
06/89	07
--/--	00

INSPECTORS LIC #: _____ TIME: _____ SIGNATURE: _____ TIME: _____

PARTS REQUESTED

FAULT	DOC	NUM	NIIN	NOUN	QTY	STATUS	DATE	P D
					DUE/REC	DATE	COMP	R L
								I C

MAINTENANCE FAULTS

ITEM NUM	FAULT DATE	FAULT STATUS	FAULT DESCRIPTION	CORRECTIVE ACTION	OPER HRS LIC #
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Broken Bolt Release button Awaiting shipment to mary

DOCUMENT IDENTIFIER			ROUTING IDENTIFIER				M & S	ITEM IDENTIFICATION* (NSN, FSCM/Part No., Other)															UNIT OF ISSUE	QUANTITY					DOCUMENT NUMBER							
								FSCM					PART NUMBER											REQUISITIONER												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
A	O	E					1	0	0	5	0	1	2	4	0	2	1	3	6			E	A	0	0	0	0	1	W	3	6	Q	O	V		
DOCUMENT NO. (Cont.)							D E M A N D	S E R V	SUPPLEMENTARY ADDRESS										S I G N A L	FUND CODE		DISTRIBUTION CODE		PROJECT CODE		PRIORITY	REQUIRED DELIVERY DAY OF YEAR		ADVICE CODE		BLANK					
DATE			SERIAL																																	
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69			
1	0	4	3	4	0	0	5			W	A	B	S	T	O																					
LIN# R95387										REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)		IDENTIFICATION DATA																								
												*1. MANUFACTURER'S CODE AND PART NO. (When they exceed card columns 8 thru 22)																								
70	71	72	73	74	75	76	77	78	79	80	65		66																							
												2. MANUFACTURER'S NAME																								
3. MANUFACTURER'S CATALOG IDENTIFICATION															4. DATE (YYMMDD)										5. TECHNICAL ORDER NUMBER											
6. TECHNICAL MANUAL NUMBER															7. NAME OF ITEM REQUESTED M24 Sniper Weapon System (SWS)																					
8. DESCRIPTION OF ITEM REQUESTED 7.62MM M24 SNIPER WEAPON SYSTEM (SWS), BOLT ACTION 6-SHOT REPEATING RIFLE.																									8a. COLOR											
																									8b. SIZE											
9. END ITEM APPLICATION																									9a. SOURCE OF SUPPLY											
9b. MAKE REMINGTON										9c. MODEL NUMBER M24					9d. SERIES REMINGTON 700					9e. SERIAL NUMBER C6225146																
10. REQUISITIONER (Clear text name and address) COMMANDER HHC 1/504TH PIR (WABSTO) BLDG# C3325 9910-432-1944/9029 FORT BRAGG, NC 28310															11. REMARKS																					

DD FORM 1348-6, FEB 85

Edition of Apr 77 may be
used until exhaustedDOD SINGLE LINE ITEM REQUISITION SYSTEM
DOCUMENT (MANUAL - LONG FORM)

USAPPC V1.00

DOCUMENT IDENTIFIER			ROUTING IDENTIFIER			M & S	ITEM IDENTIFICATION* (NSN, FSCM/Part No., Other)																UNIT OF ISSUE	QUANTITY					DOCUMENT NUMBER							
							FSCM						PART NUMBER											REQUISITIONER												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
A	O	E					1	0	0	5	0	1	2	4	0	2	1	3	6			E	A	0	0	0	0	1	W	3	6	Q	O	V		
DOCUMENT NO. (Cont.)							D E M A N D	S E R V	SUPPLEMENTARY ADDRESS						S I G N A L	FUND CODE	DISTRIBUTION CODE	PROJECT CODE	PRIORITY	REQUIRED DELIVERY DAY OF YEAR	ADVISE CODE	BLANK														
DATE				SERIAL																																
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LIN# R95387										REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)		IDENTIFICATION DATA																								
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												2. MANUFACTURER'S NAME																								
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10. REQUISITIONER (Clear text name and address) COMMANDER HHC 1/504TH PIR (WABSTO) BLDG# C3325 9910-432-1944/9029) FORT BRAGG, NC 28310															11. REMARKS																					

DD FORM 1348-6, FEB 85 Edition of Apr 77 may be used until exhausted

DOD SINGLE LINE ITEM REQUISITION SYSTEM
DOCUMENT (MANUAL - LONG FORM)

USAPPC V1.00

STANDARD FORM 120 REV.
APRIL 1957
GEN. SERV. ADMIN.
FPMR (41 CFR) 101-43.311

**REPORT OF
EXCESS PERSONAL
PROPERTY**

1. REPORT NO.

2. DATE MAILED

3. TOTAL COST

\$

4. TYPE
OF REPORT(Check one only of
"a," "b," "c," or "d")

a. ORIGINAL

b. CORRECTED

c. PARTIAL W/D

d. TOTAL W/D

(Also check "e" and/or "f"
if appropriate)

e. OVERSEAS

f. CONTRACTORS INV

5. TO (Name and Address of Agency to which report is made) THRU

REMINGTON ARMS

6. APPROP. OR FUND TO BE REIMBURSED (if any)

7. FROM (Name and Address of Reporting Agency)

COMMANDER HHC 1/504TH PIR (WABSTO)

8. REPORT APPROVED BY (Name and Title)

9. FOR FURTHER INFORMATION CONTACT (Title, Address and Telephone No.)

10. AGENCY APPROVAL (If applicable)

11. SEND PURCHASE ORDERS OR DISPOSAL INSTRUCTIONS TO (Title, Address and Telephone No.)

12. GSA CONTROL NO.

13. FSC GROUP
NO.

14. LOCATION OF PROPERTY (If location is to be abandoned give date)

15. REIM/REQD

YES

NO

16. AGENCY CONTROL NO.

17. SURPLUS RELEASE
DATE

18. EXCESS PROPERTY LIST

ITEM NO. (a)	DESCRIPTION (b)	COND. (c)	UNIT (d)	NUMBER OF UNITS (e)	ACQUISITION COST		FAIR VALUE % (h)
					PER UNIT (f)	TOTAL (g)	
1.	R95387 1005-01-240-2136 7.62MM M24 SER# C6225146		1				

FTE

Doc# W36DOR 1043-41006

PAGE 1 OF

STANDARD FORM 120 REV.
APRIL 1957
GEN. SERV. ADMIN.
FPMR (41 CFR) 101-43.311REPORT OF
EXCESS PERSONAL
PROPERTY

1. REPORT NO.

2. DATE MAILED

3. TOTAL COST

\$

4. TYPE
OF REPORT(Check one only of
"a," "b," "c," or "d")

a. ORIGINAL

b. CORRECTED

c. PARTIAL W/D

d. TOTAL W/D

(Also check "e" and/or "f"
if appropriate)

e. OVERSEAS

f. CONTRACTORS INV

5. TO (Name and Address of Agency to which report is made) THRU

REMINGTON ARMS

6. APPROP. OR FUND TO BE REIMBURSED (if any)

7. FROM (Name and Address of Reporting Agency)

COMMANDER HHC 1/504TH PIR (WABSTO)

8. REPORT APPROVED BY (Name and Title)

9. FOR FURTHER INFORMATION CONTACT (Title, Address and Telephone No.)

10. AGENCY APPROVAL (if applicable)

11. SEND PURCHASE ORDERS OR DISPOSAL INSTRUCTIONS TO (Title, Address and Telephone No.)

12. GSA CONTROL NO.

13. FSC GROUP
NO.

14. LOCATION OF PROPERTY (If location is to be abandoned give date)

15. REIM/REQD

YES

NO

16. AGENCY CONTROL NO.

17. SURPLUS RELEASE
DATE

18. EXCESS PROPERTY LIST

ITEM NO. (a)	DESCRIPTION (b)	COND. (c)	UNIT (d)	NUMBER OF UNITS (e)	ACQUISITION COST		FAIR VALUE % (h)
					PER UNIT (f)	TOTAL (g)	
1.	R95387 1005-01-240-2136 7.62MM M24 SER# C6225146		1				

BARBER - M24 0050020

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R99-13506

INITIAL
SWS

CUSTOMER ORDER NO.

DATE RECEIVED
07/01/99

DATE OPENED
07/01/99

DATE CODE

SERIAL NUMBER
C6225146

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO/M24

ACCESSORIES

W/STUDS

HARD CASE

SCOPE BASE

FROM:

HHC
1-504 PIR
FORT BRAGG

NC 28307

SHIP TO:

HHC
1-504 PIR
FORT BRAGG

NC
28307

CUST NO: 211495 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

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

Customer Returned Wrong Bolt With Gun

PARTS

COMMENTS

Barrel
Stock
Bolt

96003
96018
96005

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050020 50059

From: HHL 1-504 PIR
FT. BRAGG, N.C. 28307

To: REMINGTON ARMS CO.
ATTN: FABRICATED PRODUCTS DEPT
14 HOEFLER AVE
ILION, N.Y. 13357-1816

Label 228 July 1996

BARBER - M24 0050022

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225146
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0644
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0452
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0786791

THE AMR FOR THIS RIFLE IS: 1.477

CENTROIDAL DISTANCES

0 TO	1	.482893
1 TO	2	1.10663
1 TO	3	.295909
1 TO	4	.741175
1 TO	5	.796894

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

BARBER - M24 0050023

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .483

MIN RADIUS : .657

MEAN RADIUS : 1.537

MAX RADIUS : 2.863

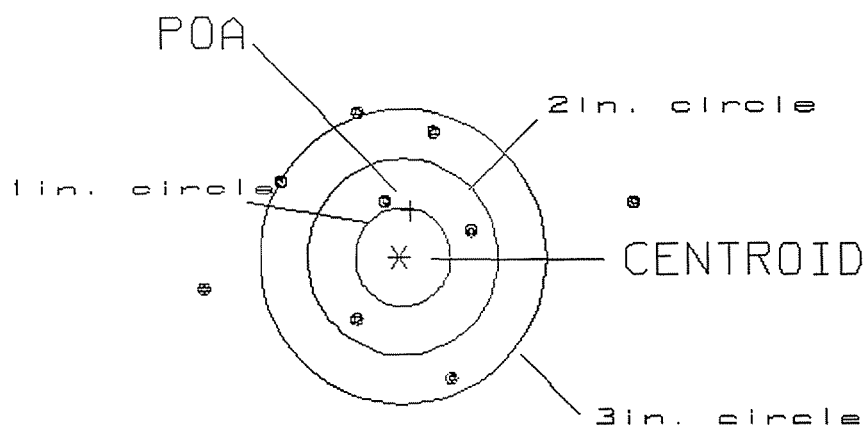
CENTROID X : -.115

CENTROID Y : -.469

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.55

0

VS= 4.19

3

GS= 4.64

5

BARBER - M24 0050024

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .652

MIN RADIUS : .529

MEAN RADIUS : 1.740

MAX RADIUS : 2.809

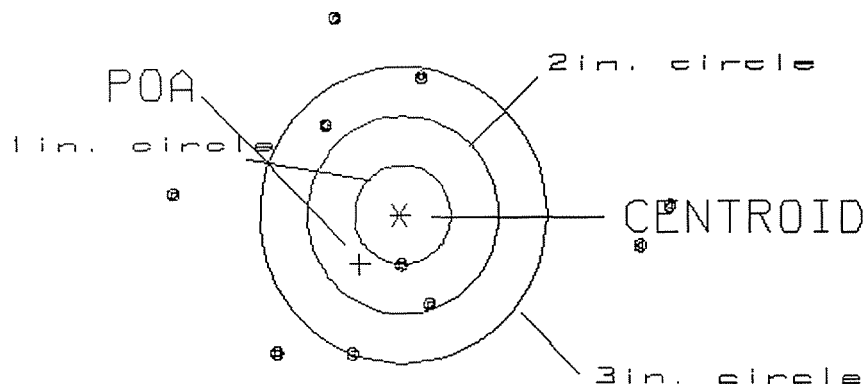
CENTROID X : .414

CENTROID Y : .503

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.19

0

VS= 3.44

2

GS= 5.19

4

BARBER - M24 0050025

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

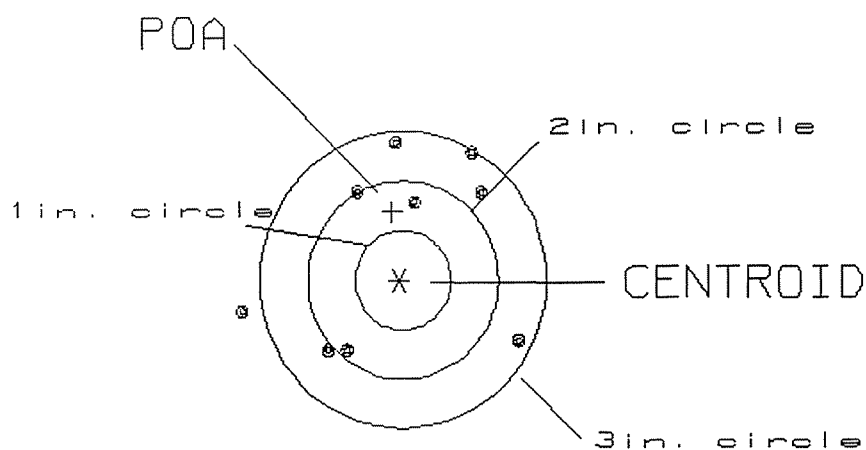
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .693
 MIN RADIUS : .835
 MEAN RADIUS : 1.410
 MAX RADIUS : 2.964
 CENTROID X : .084
 CENTROID Y : -.688

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.96
 VS= 4.28
 GS= 4.34

0
 2
 7

BARBER - M24 0050026

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .337

MIN RADIUS : .129

MEAN RADIUS : 1.180

MAX RADIUS : 2.393

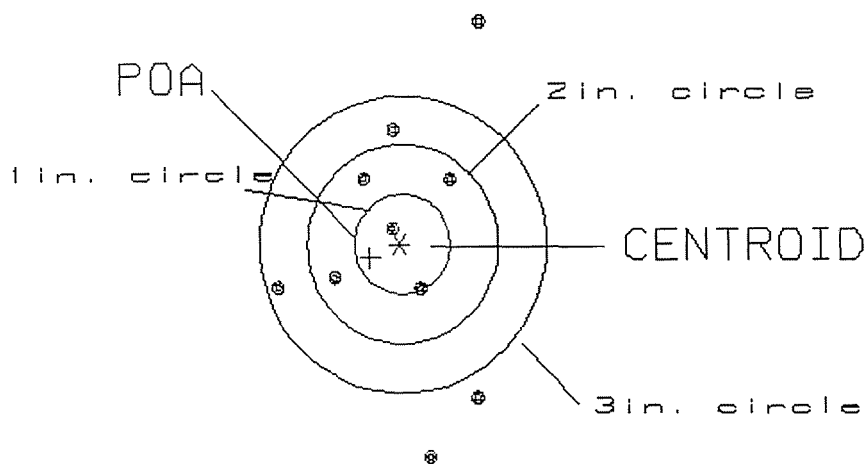
CENTROID X : .306

CENTROID Y : .141

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.17

1

VS= 4.37

5

GS= 4.40

7

BARBER - M24 0050027

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

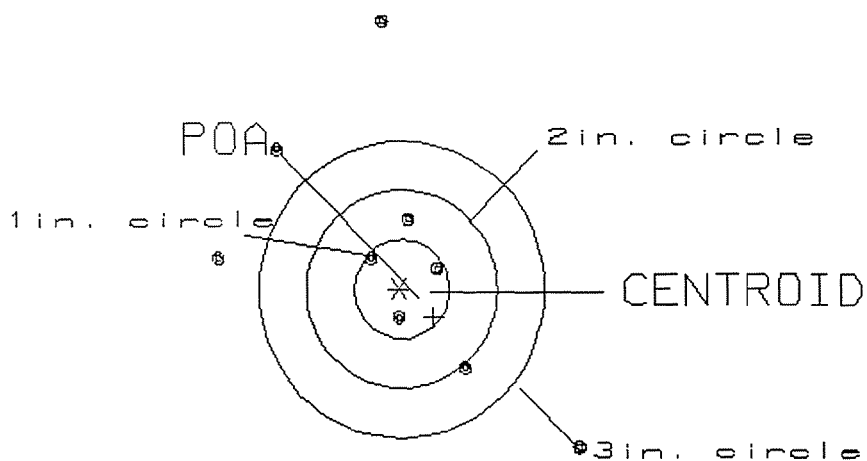
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .466
MIN RADIUS : .315
MEAN RADIUS : 1.517
MAX RADIUS : 3.132
CENTROID X : -.367
CENTROID Y : .287

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.83

3

VS= 5.72

4

GS= 5.81

5

BARBER - M24 0050028

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225146
13 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.325
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .359298

THE AMR FOR THIS RIFLE IS: .9732

CENTROIDAL DISTANCES

0 TO	1	.396536
1 TO	2	.578771
1 TO	3	.254348
1 TO	4	.22653
1 TO	5	.266333

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

BARBER - M24 0050029

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

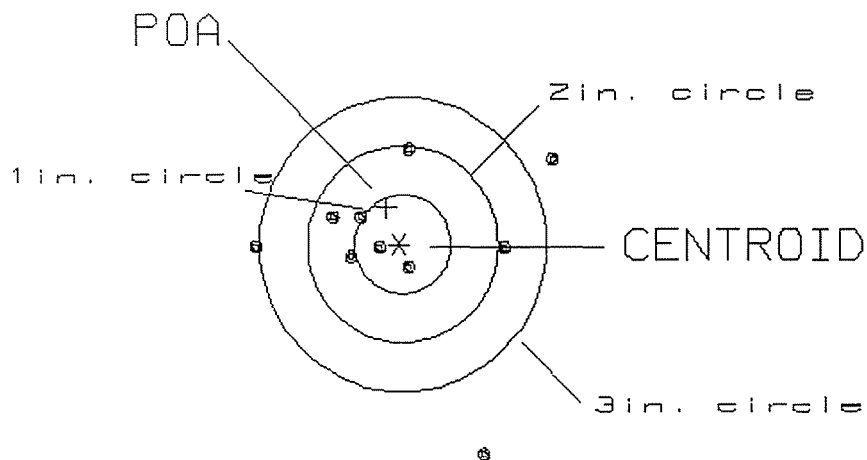
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .397
MIN RADIUS : .193
MEAN RADIUS : 1.005
MAX RADIUS : 2.287
CENTROID X : .140
CENTROID Y : -.371

13 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.17
VS= 3.13
GS= 3.29

2
6
7

BARBER - M24 0050030

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

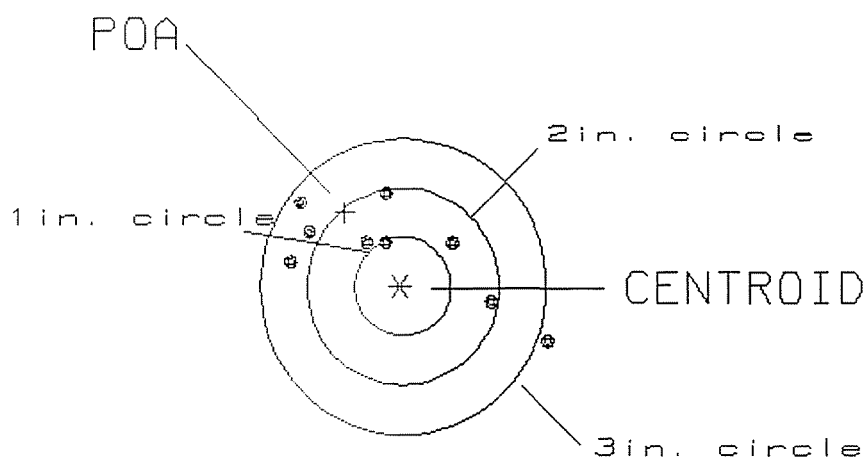
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .946
MIN RADIUS : .536
MEAN RADIUS : 1.245
MAX RADIUS : 3.374
CENTROID X : .580
CENTROID Y : -.747

13 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.70

0

VS= 4.17

5

GS= 4.60

8

BARBER - M24 0050031

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

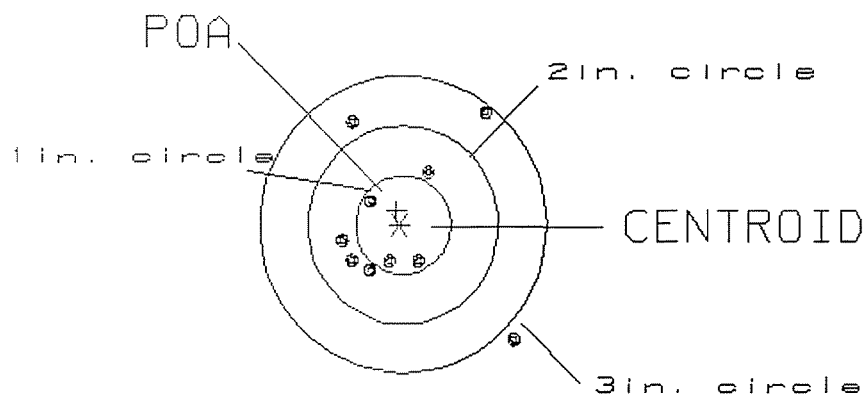
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .143
MIN RADIUS : .367
MEAN RADIUS : .787
MAX RADIUS : 1.692
CENTROID X : .038
CENTROID Y : -.138

13 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.78

3

VS= 2.33

7

GS= 2.85

9

BARBER - M24 0050032

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

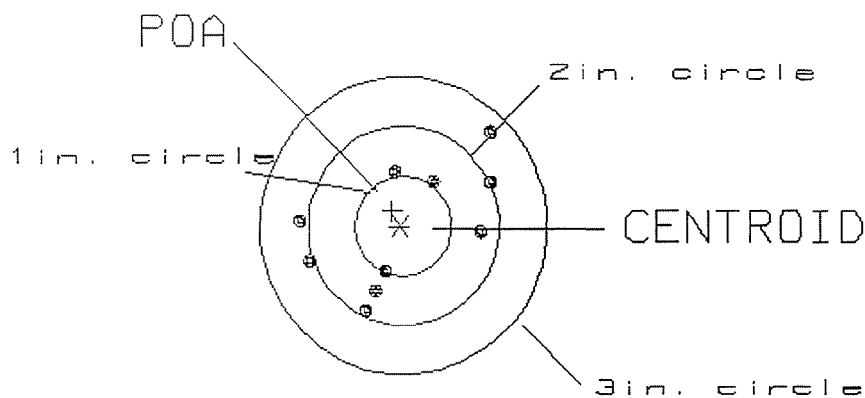
PATTERN #: 4

POA TO CENTROID: .174
MIN RADIUS : .497
MEAN RADIUS : .839
MAX RADIUS : 1.316
CENTROID X : .086
CENTROID Y : -.151

13 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.94

1

VS= 1.81

6

GS= 2.28

10

BARBER - M24 0050033

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

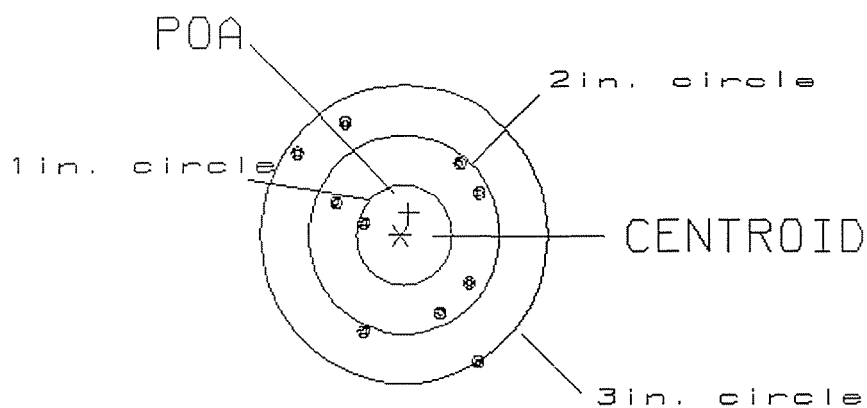
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .231
MIN RADIUS : .466
MEAN RADIUS : .990
MAX RADIUS : 1.533
CENTROID X : -.078
CENTROID Y : -.218

13 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225146.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.87

1

VS= 2.42

6

GS= 2.84

9

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225146

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

7-6-99

RW

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

7-12-99

RW

605

CHECK HEADSPACE

7-12-99

RW

610

DIS-ASSEMBLE

612

MAGNAFLUX

7-13-99

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

9-7-99

RW

655

FINAL INSPECT

9-18-99

RW

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225/46

DATE REC'D: 7/1/99

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 # C6225146

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	P/c.
	Magnaflux Bolt		9-14-88	P/c.
615	Rollmark Caliber		10/12	WC
617	Drill & Tap Sight Holes		10/12	FB
618	Polish Barrel		10/20	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/2/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		2/10/88	JSJ
	F) Safety on Force	5 5 5	2/10/88	JSJ
	G) Safety off Force	3 3 3	2/10/88	JSJ
	H) Trigger Pull Test & Retainability		2/10/88	JSJ
	I) Firing Pin Indent	.020 .020 .020	2/10/88	JSJ
	J) Assemble Stock		11/8/88	RW
	K) Assemble Swivel Studs		29 NOV 88	JSJ
	L) Attach Front & Rear Sight Assemblies		11/8/88	RW
	M) Iron Sight Alignment		11/8/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/8/88	RW
	O) Attach Scope to Rifle		11/8/88	RW
	P) Detach & Attach Scope 20 times		8/10/88	JSJ
640	Gallery Target & Test	64 R 88 L	11/9/88	A.C.
	A) Optical Clarity of Scope	OK	11/9/88	A.C.
645	Inspect for Live Ammo	none	11/9/88	A.C.
655	Final Inspection			
	A) Headspace		29 NOV 88	JSJ
	B) Trigger Pull		29 NOV 88	JSJ
	C) Function		29 NOV 88	JSJ
660	Pack		15 Dec 88	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225146DATE 31 Oct 88TESTER J. J. 290.8

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.44	2.67	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.47	2.68	2.45	
PULL #3	2.47	2.47	2.69	2.47	
PULL #4	2.39	2.50	2.72	2.47	
PULL #5	2.56	2.48	2.71	2.48	
TOTAL	12.43	12.36	13.47	12.35	
AVG.	2.486	2.472	2.694	2.47	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.11		
PULL #2	3.20	3.17		
PULL #3	3.27	3.22		
PULL #4	3.26	3.03		
PULL #5	3.27	3.20		
TOTAL	16.23	15.73		
AVG.	3.246	3.146		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.21		4.13
PULL #2	4.23	4.29		4.07
PULL #3	4.17	4.20		4.01
PULL #4	4.26	4.32		4.00
PULL #5	4.14	4.27		4.04
TOTAL	21.02	21.29		20.25
AVG.	4.204	4.258		4.05

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225146

CENTROIDAL DISTANCES

Ø TO	1	1.30028
1 TO	2	1.09141
1 TO	3	.807521
1 TO	4	.692633
1 TO	5	.906951

1
3 4
+ 2 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4942
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .712178
THE AMR FOR THIS RIFLE IS: .9444

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225146

CENTERFIRE PATTERNS

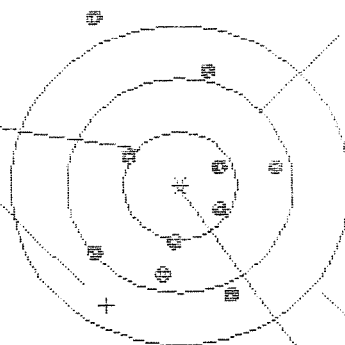
1

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 1.556

VS= 2.625

GS= 2.882

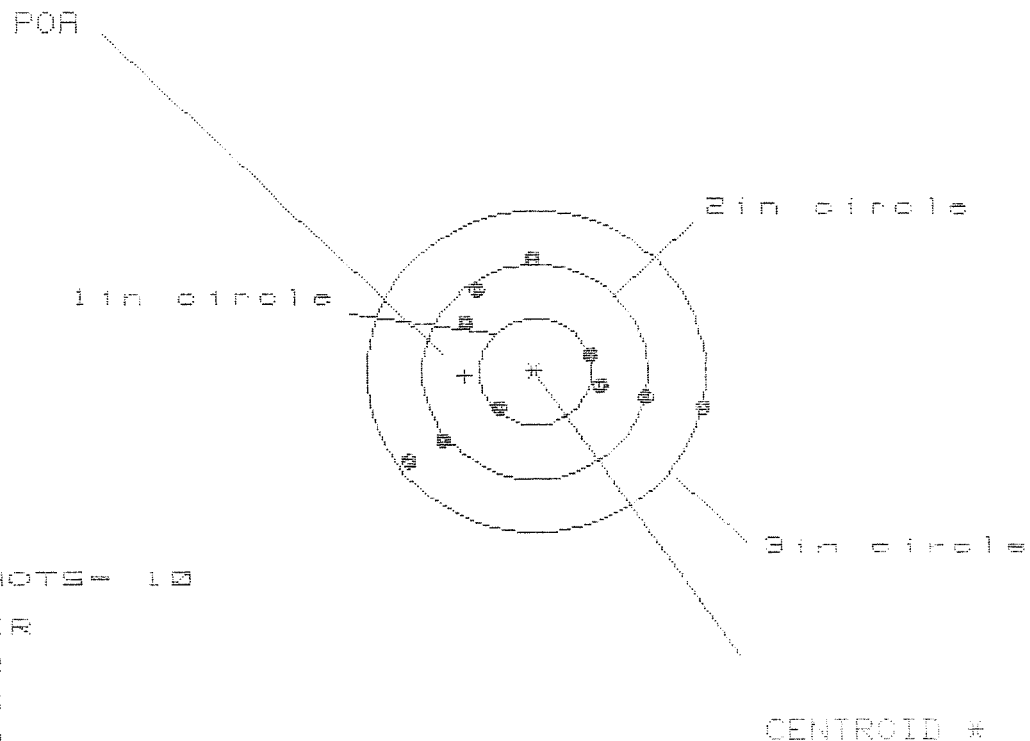
CENTROID *

PATTERN #		1	2	3
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.803	.723	.745
MINIMUM X		-.753	-.833	-.811
MAXIMUM Y		1.587	1.292	.564
MINIMUM Y		-1.038	-.861	-.700
CENTROID X		.652	.732	.710
CENTROID Y		1.125	.948	.787
POA TO CENTROID in.		1.300	1.198	1.060
MIN RADIUS		.342	.270	.211
MEAN RADIUS		.843	.706	.609
MAX RADIUS		1.741	1.303	.885
HORIZONTAL SPREAD		1.556	1.556	1.556
VERTICAL SPREAD		2.625	2.153	1.264
EXTREME SPREAD		2.882	2.165	1.729
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225148

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.600

VS= 1.840

GS= 2.643

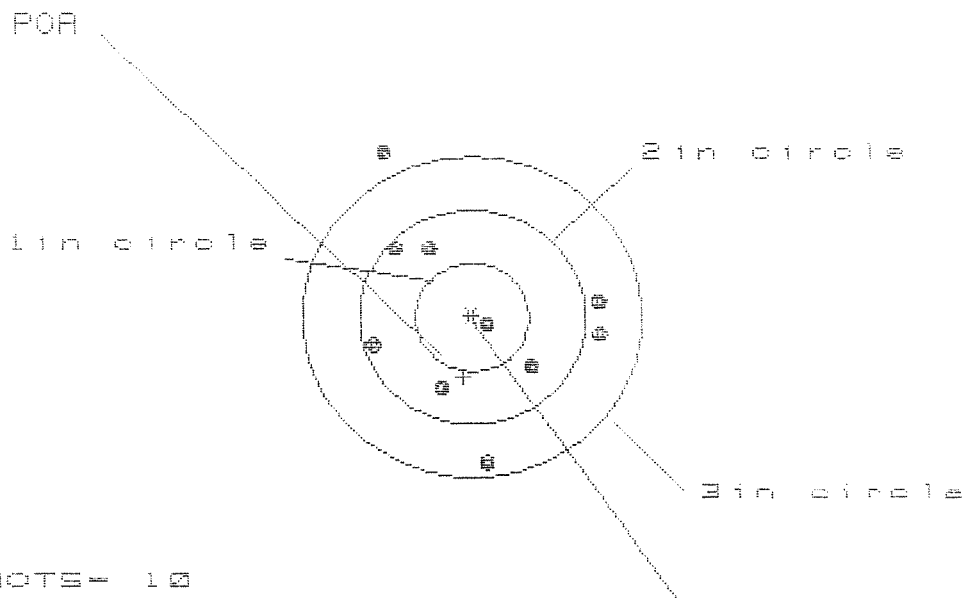
CENTROID *

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.490	1.102	.984
MINIMUM X	-1.109	-.944	-.812
MAXIMUM Y	1.030	.993	.887
MINIMUM Y	-.810	-.847	-.733
CENTROID X	.622	.457	.575
CENTROID Y	.034	.071	.177
POR TO CENTROID in.	.623	.462	.602
MIN RADIUS	.437	.389	.479
MEAN RADIUS	.914	.838	.772
MAX RADIUS	1.527	1.268	1.094
HORIZONTAL SPREAD	2.600	2.046	1.796
VERTICAL SPREAD	1.840	1.840	1.620
EXTREME SPREAD	2.643	2.135	1.834
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225146

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.070

VS= 2.918

GS= 3.049

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.149	1.061	1.062
MINIMUM X	-.921	-1.009	-1.008
MAXIMUM Y	1.560	.853	.705
MINIMUM Y	-1.358	-1.185	-.626
CENTROID X	.079	.167	.166
CENTROID Y	.556	.383	.531
POA TO CENTROID in.	.562	.417	.556
MIN RADIUS	.189	.108	.104
MEAN RADIUS	.970	.856	.813
MAX RADIUS	1.748	1.185	1.074
HORIZONTAL SPREAD	2.070	2.070	2.070
VERTICAL SPREAD	2.918	2.038	1.331
EXTREME SPREAD	3.049	2.120	2.111
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225146

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

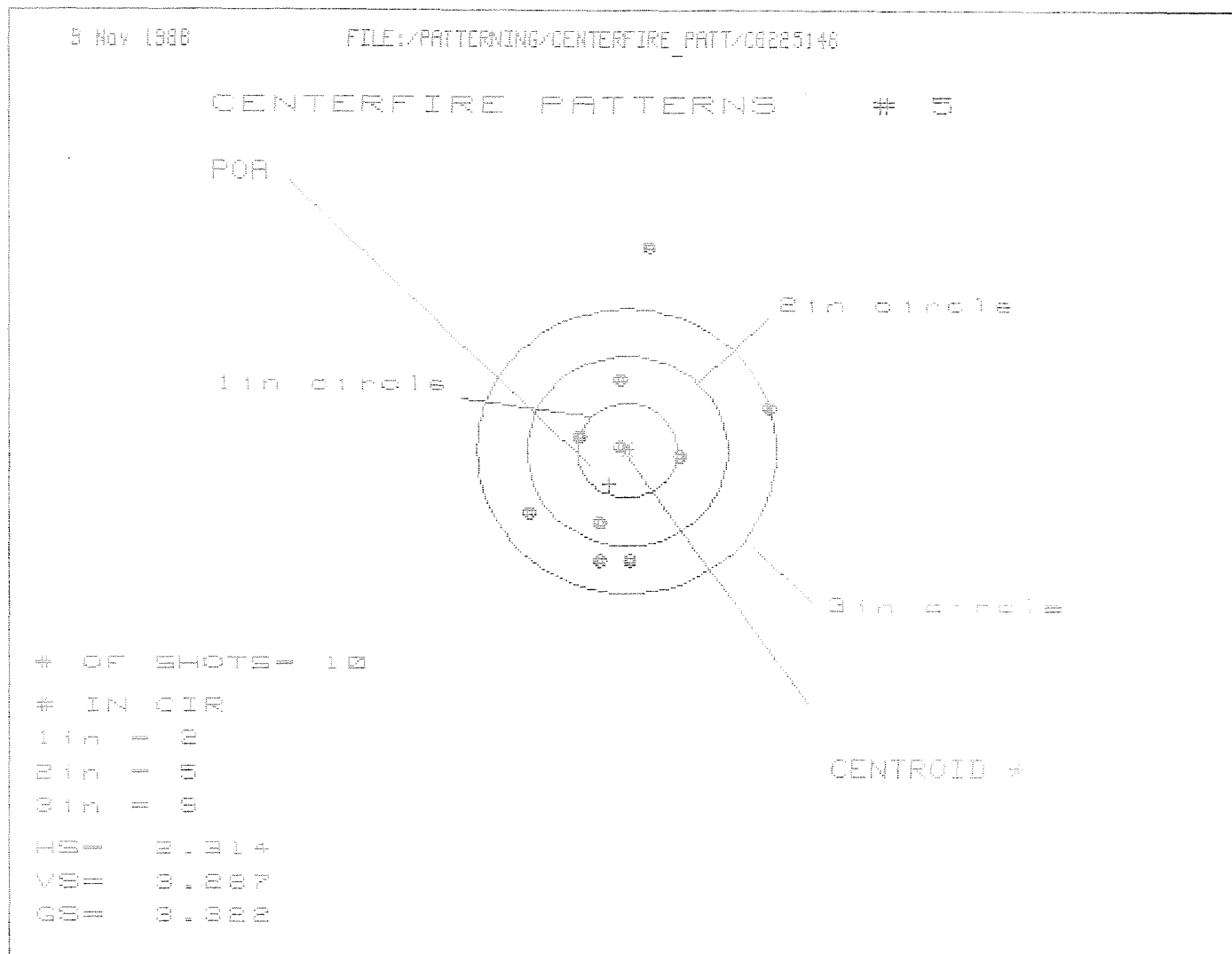
3 in = 8

HS= 2.019

VS= 3.085

GS= 3.093

PATTERN #				
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	1.223	1.267
MINIMUM X	:	-.837	-.796	-.752
MAXIMUM Y	:	1.879	1.663	.989
MINIMUM Y	:	-1.206	-.997	-.789
CENTROID X	:	.942	.901	.857
CENTROID Y	:	.496	.287	.079
POA TO CENTROID in.	:	1.064	.946	.861
MIN RADIUS	:	.295	.085	.134
MEAN RADIUS	:	1.023	.877	.759
MAX RADIUS	:	1.915	1.700	1.284
HORIZONTAL SPREAD	:	2.019	2.019	2.019
VERTICAL SPREAD	:	3.085	2.660	1.778
EXTREME SPREAD	:	3.093	2.682	2.158
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.381	1.405	.718
MINIMUM X	-.933	-.909	-.733
MAXIMUM Y	2.159	.989	1.079
MINIMUM Y	-1.128	-.888	-.798
CENTROID X	.176	.152	-.024
CENTROID Y	.353	.113	.024
POA TO CENTROID in.	.394	.189	.034
MIN RADIUS	.131	.325	.403
MEAN RADIUS	.972	.825	.708
MAX RADIUS	2.170	1.577	1.086
HORIZONTAL SPREAD	2.314	2.314	1.451
VERTICAL SPREAD	3.287	1.877	1.877
EXTREME SPREAD	3.322	2.573	1.886
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-25385

INITIAL FPS	CUSTOMER ORDER NO.	ATTN: FRED MARTIN W/ULTRA 10X-M3A SCOPE W/REDFIELD PEEP SIGHT, BI POD/M24 SWS			
DATE RECEIVED 11/17/93	DATE OPENED 11/23/93	DATE CODE DI 9-88	SERIAL NUMBER C6225146	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP W/STUDS		W/SWIVELS		SCOPE MNTS	SCOPE BASE
W/STUDS					

FROM:

DEPT OF THE ARMY
CDR 1/504 PIR
ATTN: SCOUTS
FT BRAGG

NC 28307

SHIP TO:

DEPT OF THE ARMY
CDR 1/504 PIR
ATTN: SCOUTS
FT BRAGG

NC

28307

CUST NO: 087740 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

Check for Damaged parts
Re-Barrel

PARTS	COMMENTS					
Barrel Assy - 96002	Re-zinc - Scope Base, Scope Rings, Swivel Studs. Re-powder Coat - Floor plate, Latch, Trigger Guard, Front & Rear Sight Bases.					
3257	REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
	GALLERY TESTER RW	DATE 12/2/93	DATE 12/3/93	DATE 12/3/93	DATE 12/3/93	DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

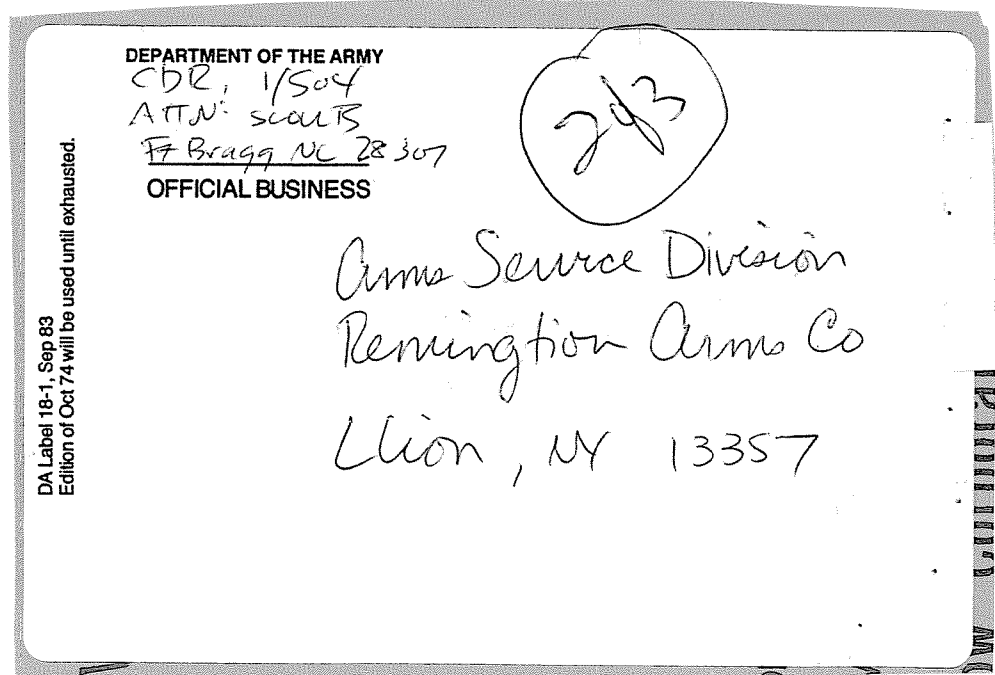
BARBER - M24 06500450084

BARBER - M24 0050046



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

BARBER - M24 0050046 **M2400050085**

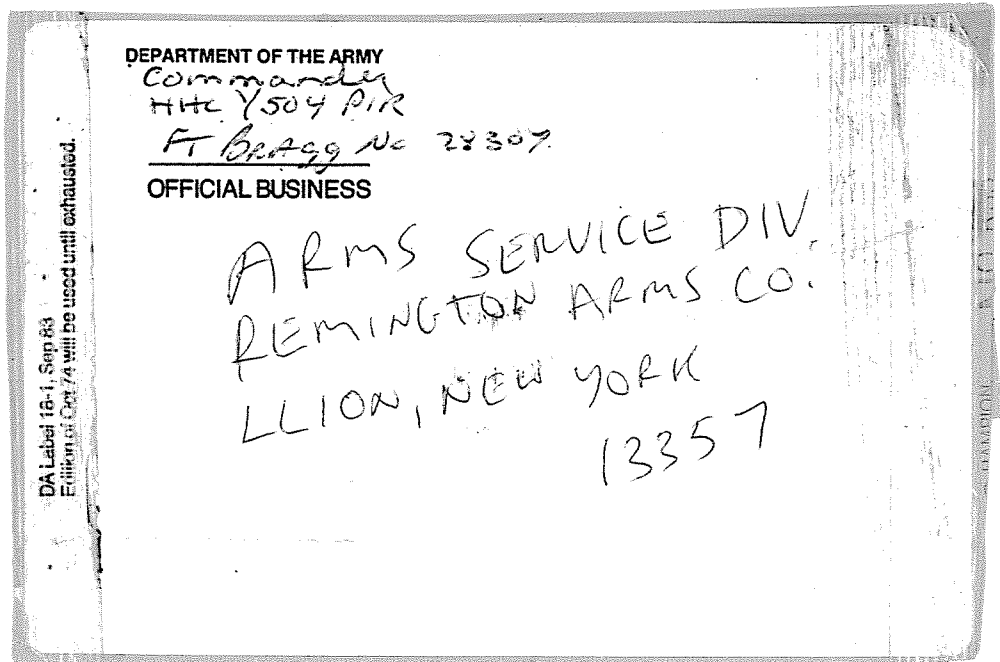


■ S/N: G225146

PLEASE SURVEY ALL EQUIPMENT
AND REPLACE MISSING OR BROKEN
PARTS

PLEASE CHECK STOCKS FOR DAMAGE
CAUSED BY EXPOSURE TO EXCESSIVE
DESERT HEAT

~~MISSING~~ ~~PARTS~~



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6725146

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	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 0050051 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		11/13/89	RCW
	K) Assemble Swivel Studs		11/14/89	G.S.
	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		11/14/89	AC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection		11/15/89	G.S.
	A) Headspace			
	B) Trigger Pull	2.67 2.61 2.66 2.55 2.48	15/12/89	JS
	C) Function		15/12/89	JS
660	Pack		12/20/89	WBS

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225146
15 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.321025
1 TO	2	.359924
1 TO	3	.372839
1 TO	4	.229107
1 TO	5	.269429

 <----POA

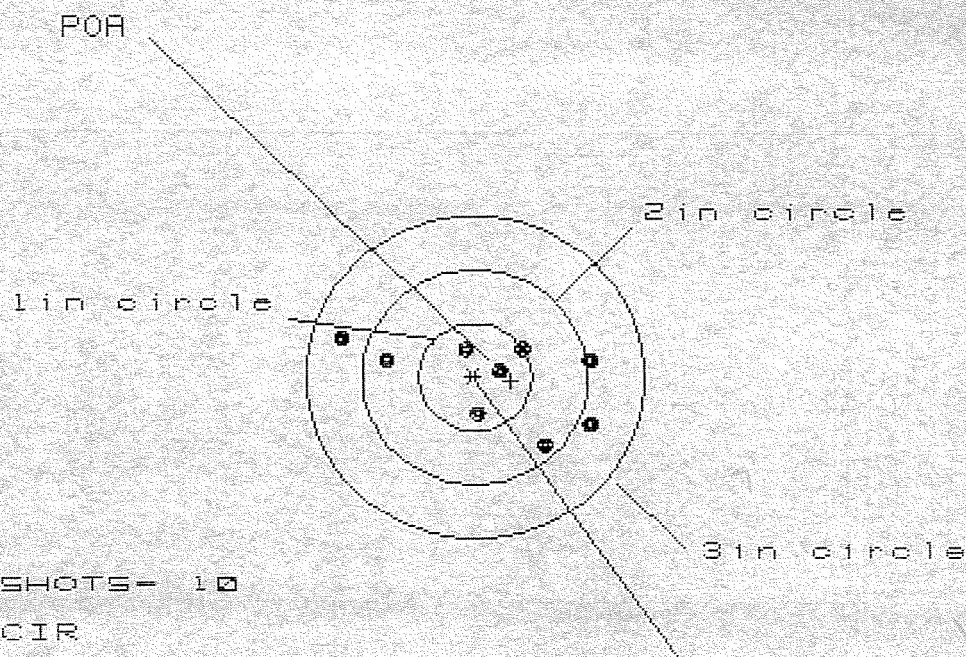
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1698
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0152
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .170479
THE AMR FOR THIS RIFLE IS: .8768

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225146

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.188

VS= .970

GS= 2.329

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.984	.850	.684
MINIMUM X	:	-1.204	-1.331	-1.060
MAXIMUM Y	:	.332	.352	.315
MINIMUM Y	:	-.638	-.601	-.557
CENTROID X	:	-.319	-.185	-.019
CENTROID Y	:	.036	-.001	-.045
POA TO CENTROID in.	:	.321	.185	.049
MIN RADIUS	:	.210	.092	.131
MEAN RADIUS	:	.748	.668	.570
MAX RADIUS	:	1.249	1.377	1.085
HORIZONTAL SPREAD	:	2.188	2.181	1.744
VERTICAL SPREAD	:	.970	.953	.872
EXTREME SPREAD	:	2.329	2.317	1.850
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225146

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.908

VS= 3.001

GS= 3.143

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	1.290	1.212
MINIMUM X	:	-.699	-.618	-.677
MAXIMUM Y	:	1.166	.963	.797
MINIMUM Y	:	-1.835	-1.321	-.668
CENTROID X	:	.013	-.068	.010
CENTROID Y	:	-.103	.100	.266
POA TO CENTROID in.	:	.104	.121	.266
MIN RADIUS	:	.098	.276	.329
MEAN RADIUS	:	.893	.757	.673
MAX RADIUS	:	1.972	1.459	1.217
HORIZONTAL SPREAD	:	1.908	1.908	1.889
VERTICAL SPREAD	:	3.001	2.284	1.465
EXTREME SPREAD	:	3.143	2.484	1.906
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225146

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 2.285

VS= 2.641

GS= 3.298

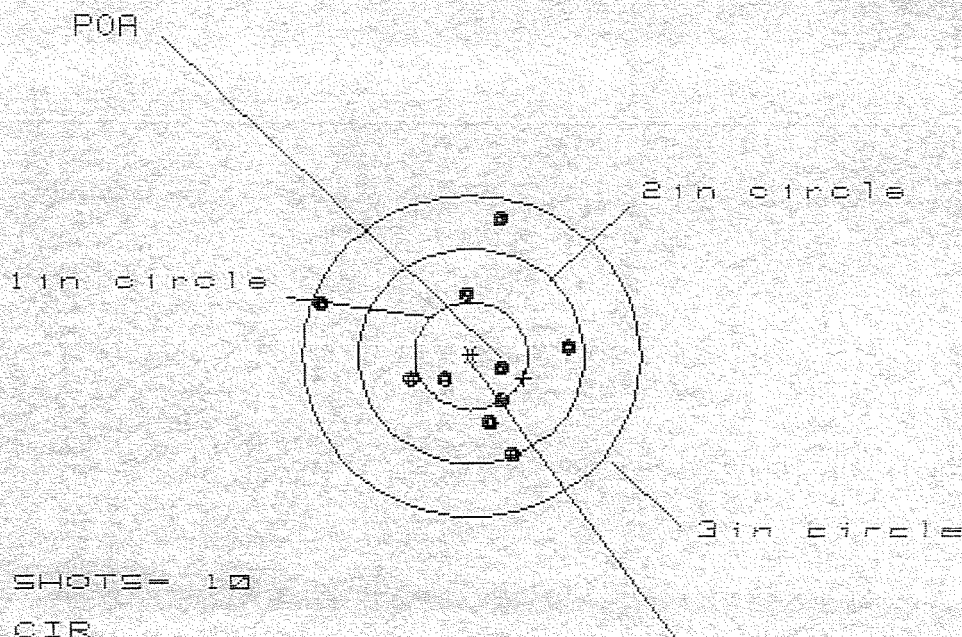
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.768	.846	.667
MINIMUM X	:	-1.517	-1.432	-1.302
MAXIMUM Y	:	.916	.724	.747
MINIMUM Y	:	-1.725	-.925	-.902
CENTROID X	:	.034	-.051	.128
CENTROID Y	:	-.084	.108	.085
POA TO CENTROID in.	:	.091	.119	.153
MIN RADIUS	:	.475	.374	.550
MEAN RADIUS	:	1.045	.943	.859
MAX RADIUS	:	1.888	1.443	1.501
HORIZONTAL SPREAD	:	2.285	2.278	1.969
VERTICAL SPREAD	:	2.641	1.649	1.649
EXTREME SPREAD	:	3.298	2.389	2.389
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225146

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 2.124

VS= 2.142

GS= 2.185

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.824	.680	.697
MINIMUM X	:	-1.300	-.707	-.690
MAXIMUM Y	:	1.256	1.314	.793
MINIMUM Y	:	-.886	-.828	-.664
CENTROID X	:	-.462	-.318	-.335
CENTROID Y	:	.215	.157	-.007
POA TO CENTROID in.	:	.510	.354	.335
MIN RADIUS	:	.247	.093	.186
MEAN RADIUS	:	.740	.638	.524
MAX RADIUS	:	1.400	1.321	.805
HORIZONTAL SPREAD	:	2.124	1.387	1.387
VERTICAL SPREAD	:	2.142	2.142	1.457
EXTREME SPREAD	:	2.185	2.144	1.506
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

BARBER - M24 0050898 M2400050097

M-24

Scope # 1248

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225146

O

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/2/93	RW
600	Proof		12/2/93	RW
607	Check Headspace		12/2/93	RW
610	Dis-assemble Gun		12/2/93	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		12/8/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/8/93	RW
	C) Inspect Ejector Hole for Chamfer		12/8/93	RW
	D) Oil Firing Pin Ass'y		12/8/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
C ⁵ 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							
C	P) Detach & Attach Scope 20 Times							
	640 Gallery Target & Test						12/8/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
C	D) Optical Clarity of Scope							
	645 Inspect for Live Ammo						12/9/93	RW
	655 Final Inspection							
	A) Headspace						12/9/93	RW
C	B) Trigger Pull	2.72	2.66	2.62	2.66	2.62	12/9/93	RW
	C) Function						12/9/93	RW
	660 Pack							

Final Inspection

In: C6225/46

DATE REC'D: 11/17/93

DATE RET'D: 12/10/93

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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225146
10 Dec 1993

CENTROIDAL DISTANCES

0 TO	1	.342691
1 TO	2	.602676
1 TO	3	.349779
1 TO	4	.539894
1 TO	5	.852103

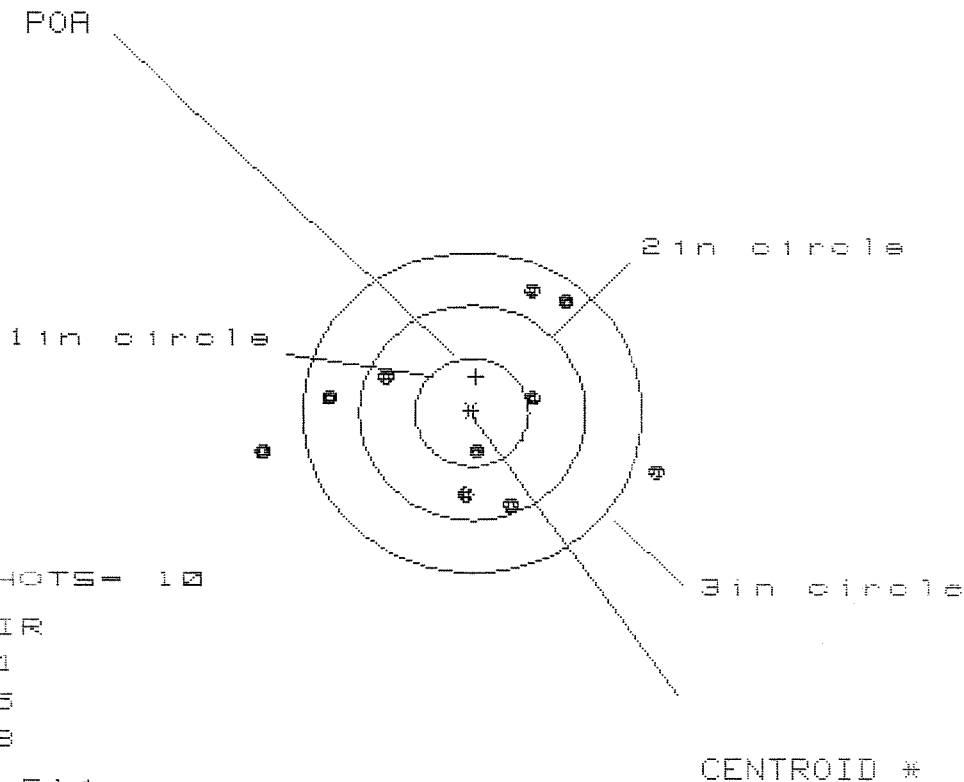
5
2
4
1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .11
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0458
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119154
THE AMR FOR THIS RIFLE IS: 1.152

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225146

CENTERFIRE PATTERNS # 1

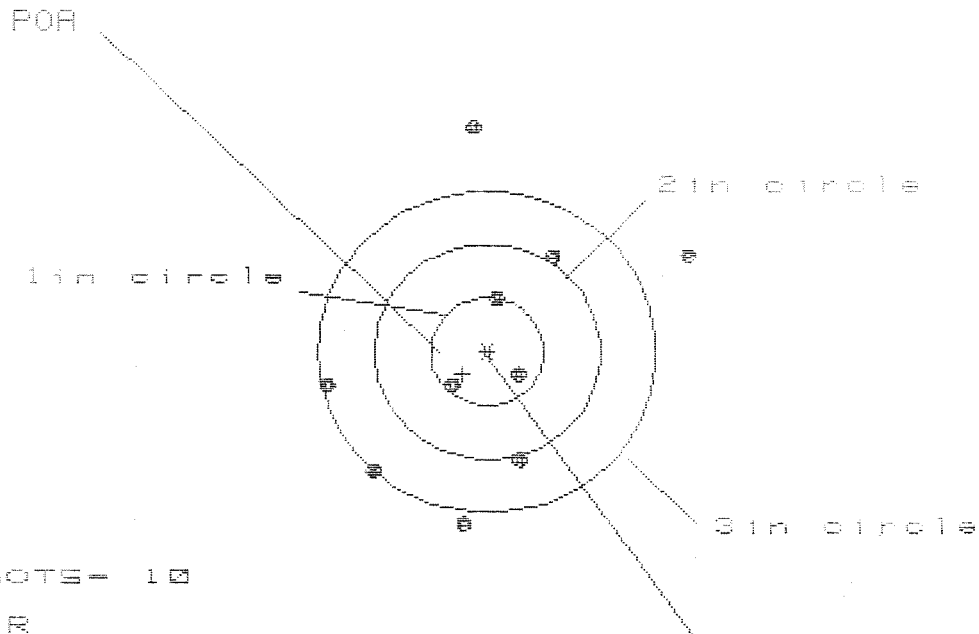


PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.671	1.466	.860
MINIMUM X	:	-1.843	-1.499	-1.315
MAXIMUM Y	:	1.091	1.050	.973
MINIMUM Y	:	-.821	-.862	-.939
CENTROID X	:	-.034	.171	-.013
CENTROID Y	:	-.341	-.300	-.223
POA TO CENTROID in.	:	.342	.345	.223
MIN RADIUS	:	.347	.373	.463
MEAN RADIUS	:	1.098	.996	.924
MAX RADIUS	:	1.879	1.590	1.317
HORIZONTAL SPREAD	:	3.514	2.965	2.175
VERTICAL SPREAD	:	1.912	1.912	1.912
EXTREME SPREAD	:	3.520	3.060	2.346
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225146

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 3.214

VS= 3.715

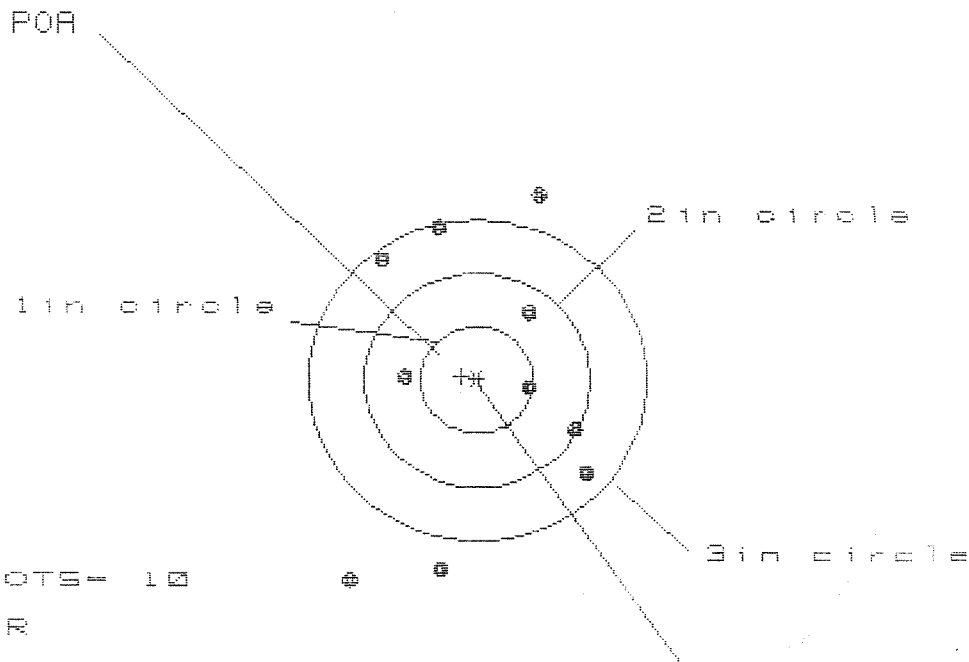
GS= 3.716

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.815	1.800	.801
MINIMUM X	-1.399	-1.414	-1.189
MAXIMUM Y	2.133	1.147	1.234
MINIMUM Y	-1.582	-1.345	-1.201
CENTROID X	.219	.234	.009
CENTROID Y	.206	-.031	-.175
POA TO CENTROID in.	.301	.236	.175
MIN RADIUS	.344	.293	.182
MEAN RADIUS	1.206	1.077	.924
MAX RADIUS	2.138	2.134	1.471
HORIZONTAL SPREAD	3.214	3.214	1.990
VERTICAL SPREAD	3.715	2.492	2.435
EXTREME SPREAD	3.716	3.442	2.565
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225146

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 2.075

VS = 3.573

GS = 3.967

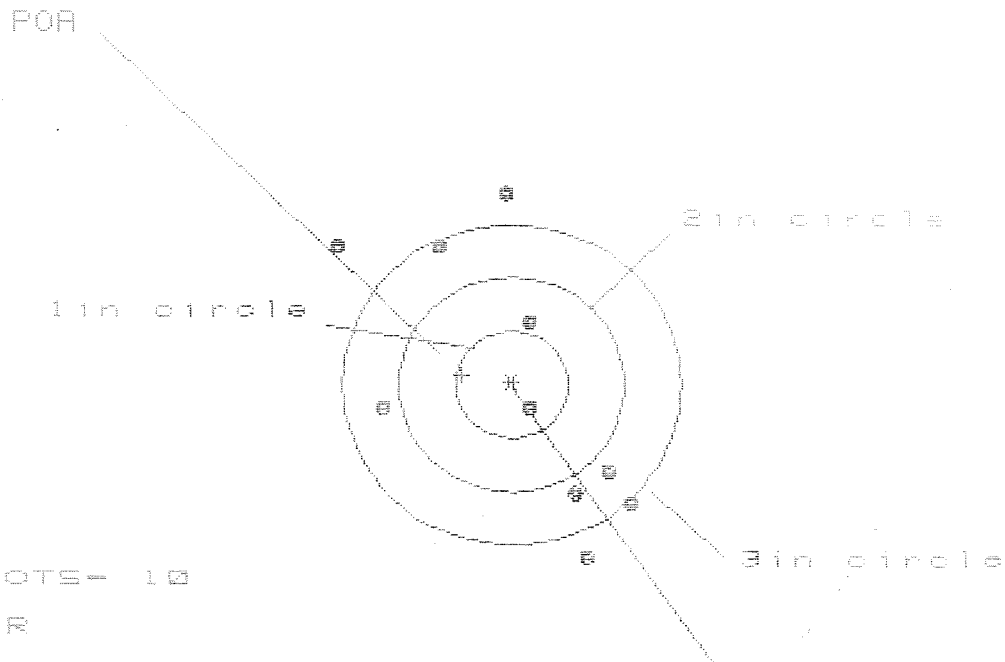
CENTROID #

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.948
MINIMUM X	:	-1.127
MAXIMUM Y	:	1.751
MINIMUM Y	:	-1.822
CENTROID X	:	.139
CENTROID Y	:	-.037
POA TO CENTROID in.	:	.144
MIN RADIUS	:	.483
MEAN RADIUS	:	1.284
MAX RADIUS	:	2.142
HORIZONTAL SPREAD	:	2.075
VERTICAL SPREAD	:	3.573
EXTREME SPREAD	:	3.967
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	7

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225146

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 6

HS= 2.561

VS= 3.354

GS= 3.620

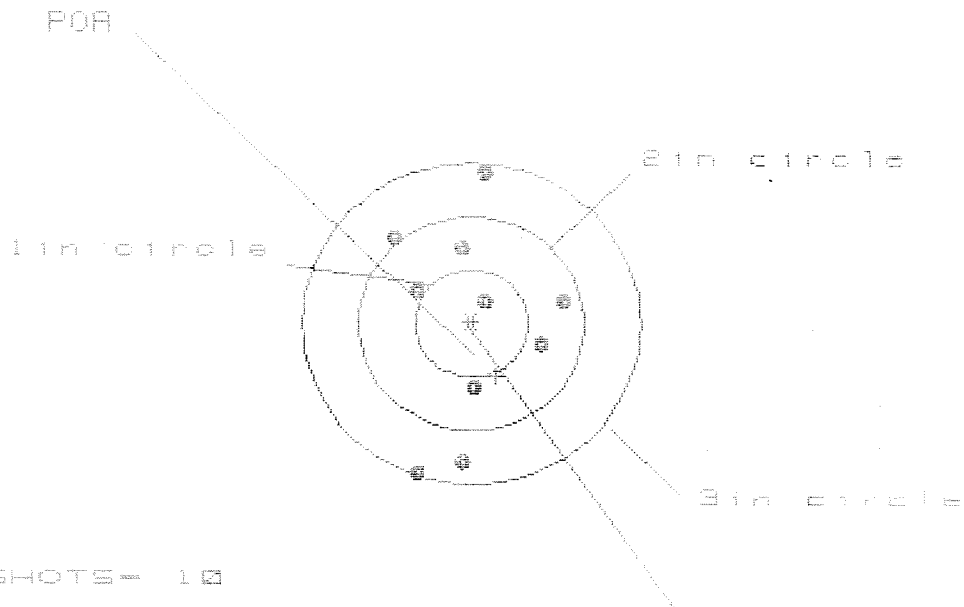
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.058	.891	.861
MINIMUM X	-1.503	-1.325	-1.355
MAXIMUM Y	1.761	1.907	1.712
MINIMUM Y	-1.593	-1.447	-1.208
CENTROID X	.444	.611	.641
CENTROID Y	-.090	-.236	-.475
POR TO CENTROID in.	.453	.655	.797
MIN RADIUS	.250	.077	.177
MEAN RADIUS	1.285	1.162	1.038
MAX RADIUS	1.999	1.922	1.909
HORIZONTAL SPREAD	2.561	2.216	2.216
VERTICAL SPREAD	3.354	3.354	2.920
EXTREME SPREAD	3.620	3.430	3.195
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

18 Dec 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225146

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 1.470

VS= 2.853

GS= 2.917

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.803	.752	.765
MINIMUM X	-.667	-.718	-.705
MAXIMUM Y	1.421	1.262	.820
MINIMUM Y	-1.431	-1.495	-1.337
CENTROID X	-.218	-.167	-.190
CENTROID Y	.491	.651	.493
POA TO CENTROID in.	.538	.672	.525
MIN RADIUS	.231	.115	.204
MEAN RADIUS	.889	.792	.740
MAX RADIUS	1.502	1.499	1.341
HORIZONTAL SPREAD	1.470	1.470	1.470
VERTICAL SPREAD	2.853	2.757	2.157
EXTREME SPREAD	2.917	2.766	2.239
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		