

C6348809	
MODEL 700™ M24	
Model	SMS™
Action	
Barrel Length	
Capacity	
Order No.	5716
*Includes 1 in chamber.	
Remington	

Repair Inquiry

Repair Number: R:200169252

Serial: C6348809 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/8/2009 11:24:22 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B CO 2/7

B CO 2/7

Address 1: SFG (A)

SFG (A)

Address 2:

PO Box:

SFG (A)

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information:

Phone: NN

Fax:

Email:

Comments:

Received Condition:

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagelj

6/8/2009

12:04 PM

CAPS

NUM

JNS

SCRC



Serial Number:

C6348809

Model: M24 SWS



RE00169252

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

169252

SERIAL NUMBER

C6348809

LOG-IN DATE

6-8-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-9-09	RJC
505	RE-BARREL	6-11-09	RJC
420	ASSEMBLE	6-11-09	RJC
440	PROOF	6-11-09	RJC
460	CHECK HEADSPACE	6-11-09	RJC
470	DIS-ASSEMBLE GUN	6-11-09	RJC
480	MAGNAFLUX	6-13-09	(N)
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK CALIBER	6-16-09	RJC
520	GOFF BLAST BBL / REC	6-16	RJC
530 & 540	APPLY COATINGS	6-17	~
560	FINAL ASSEMBLY	6-18-09	RJC
640	FUNCTION TEST AND	6-22-09	RB
650	TARGET	6-22-09	RB
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	6-23-09 RJC
	B) TRIGGER PULL	252 258 254 250 255	6-23-09 RJC
680	F) SAFETY ON FORCE	5.0 5.0 4.0	6-23-09 RJC
	G) SAFETY OFF FORCE	5.0 5.0 6.0	6-23-09 RJC
	I) FIRING PIN INDENT	.022 .022 .021	6-23-09 RJC
690	PACK		6-23-09 RJC

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

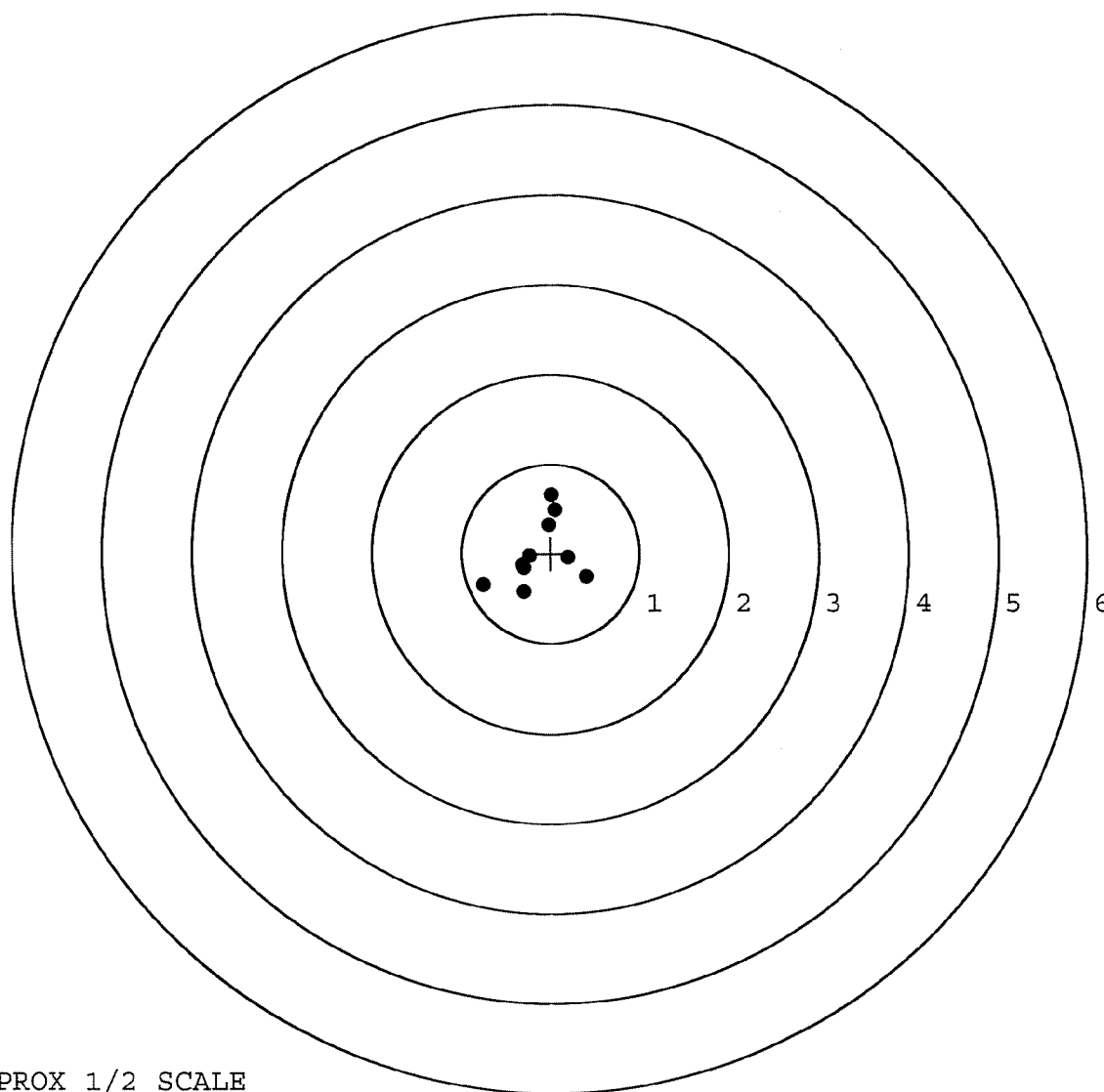
FIREARM SERIAL NUMBER / DATASET NAME: C6348809.___0
FILE DATE AND TIME: 06/22/2009 14:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.117
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.124
The Average Mean Radius of the Five Target Set:	0.485
The Distance from POA to Centroid Target #1:	0.128
The Distance from Centroid Target #2 to Centroid Target #1:	0.160
The Distance from Centroid Target #3 to Centroid Target #1:	0.153
The Distance from Centroid Target #4 to Centroid Target #1:	0.147
The Distance from Centroid Target #5 to Centroid Target #1:	0.045

BARBER - M24 0064662

SERIAL NUMBER: C6348809. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.011	0.658
FILE DATE: 06/22/2009	2:	0.050	0.489
FILE TIME: 14:33	3:	-0.026	0.323
	4:	0.194	-0.051
X CENTROID: -0.128	5:	0.406	-0.262
Y CENTROID: 0.006	6:	-0.241	-0.027
POA TO CENTROID: 0.128	7:	-0.305	-0.162
HORZ SPREAD: 1.160	8:	-0.303	-0.429
VERT SPREAD: 1.087	9:	-0.754	-0.355
GROUP SPREAD: 1.269	10:	-0.314	-0.127
MIN RADIUS: 0.117			
MAX RADIUS: 0.722			
MEAN RADIUS: 0.422			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



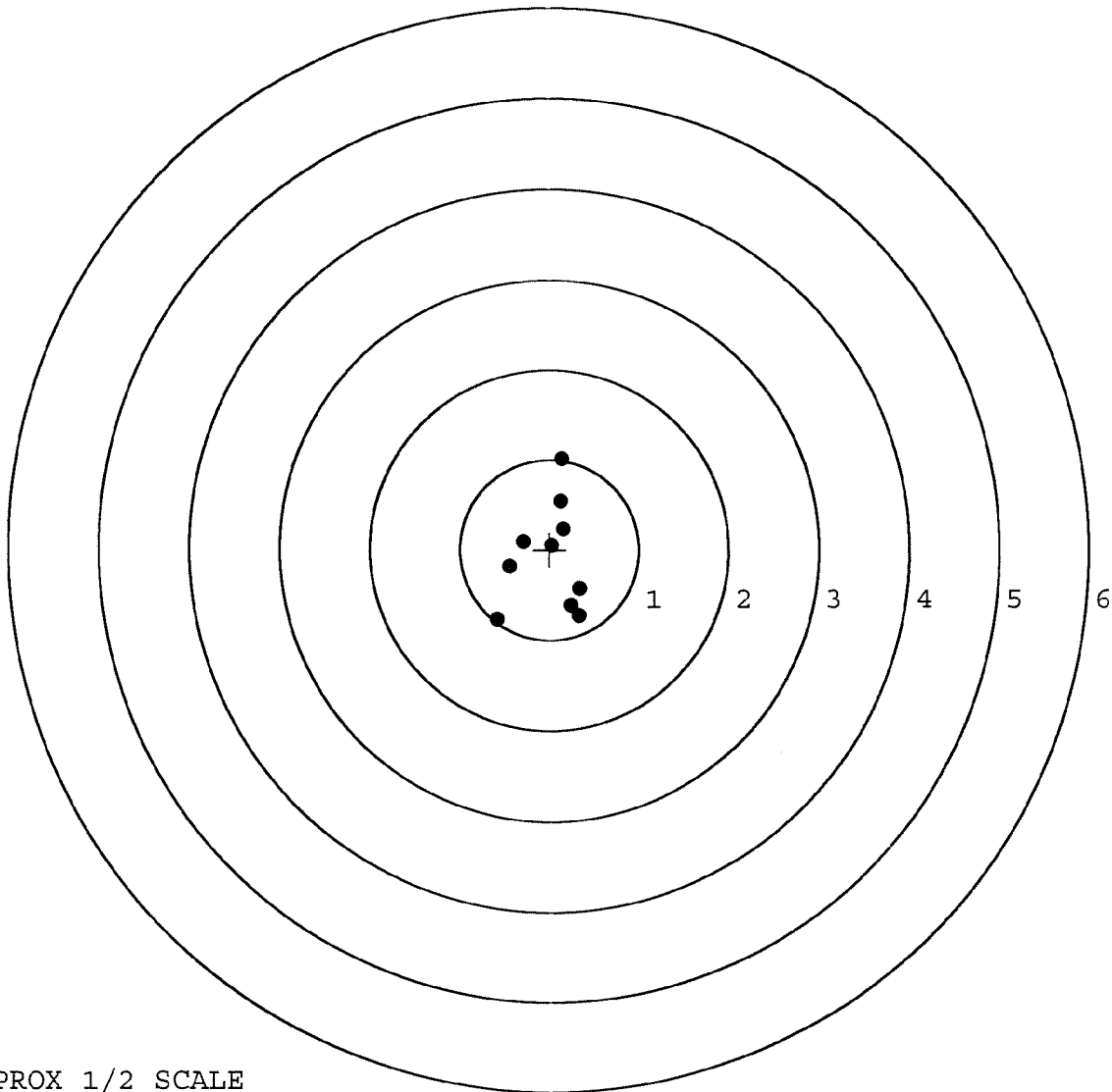
TARGET APPROX 1/2 SCALE

BARBER - M24 0064663

SERIAL NUMBER: C6348809. __0
 TARGET NUMBER: 2
 FILE DATE: 06/22/2009
 FILE TIME: 14:33

POINT#	X	Y
1:	0.144	1.008
2:	0.133	0.537
3:	0.158	0.227
4:	0.022	0.047
5:	-0.295	0.090
6:	-0.450	-0.193
7:	-0.590	-0.776
8:	0.331	-0.734
9:	0.245	-0.626
10:	0.334	-0.437

X CENTROID: 0.003
 Y CENTROID: -0.086
 POA TO CENTROID: 0.086
 HORZ SPREAD: 0.924
 VERT SPREAD: 1.784
 GROUP SPREAD: 1.929
 MIN RADIUS: 0.134
 MAX RADIUS: 1.103
 MEAN RADIUS: 0.574
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0064664

SERIAL NUMBER: C6348809. 0

TARGET NUMBER: 3

FILE DATE: 06/22/2009

FILE TIME: 14:33

POINT#	X	Y
1:	0.130	0.341
2:	-0.035	0.243
3:	-0.201	0.153
4:	-0.502	-0.167
5:	0.210	-0.704
6:	0.057	-0.469
7:	0.138	-0.263
8:	0.002	-0.053
9:	0.003	-0.051
10:	0.003	-0.054

X CENTROID: -0.019

Y CENTROID: -0.102

POA TO CENTROID: 0.104

HORZ SPREAD: 0.712

VERT SPREAD: 1.045

GROUP SPREAD: 1.048

MIN RADIUS: 0.053

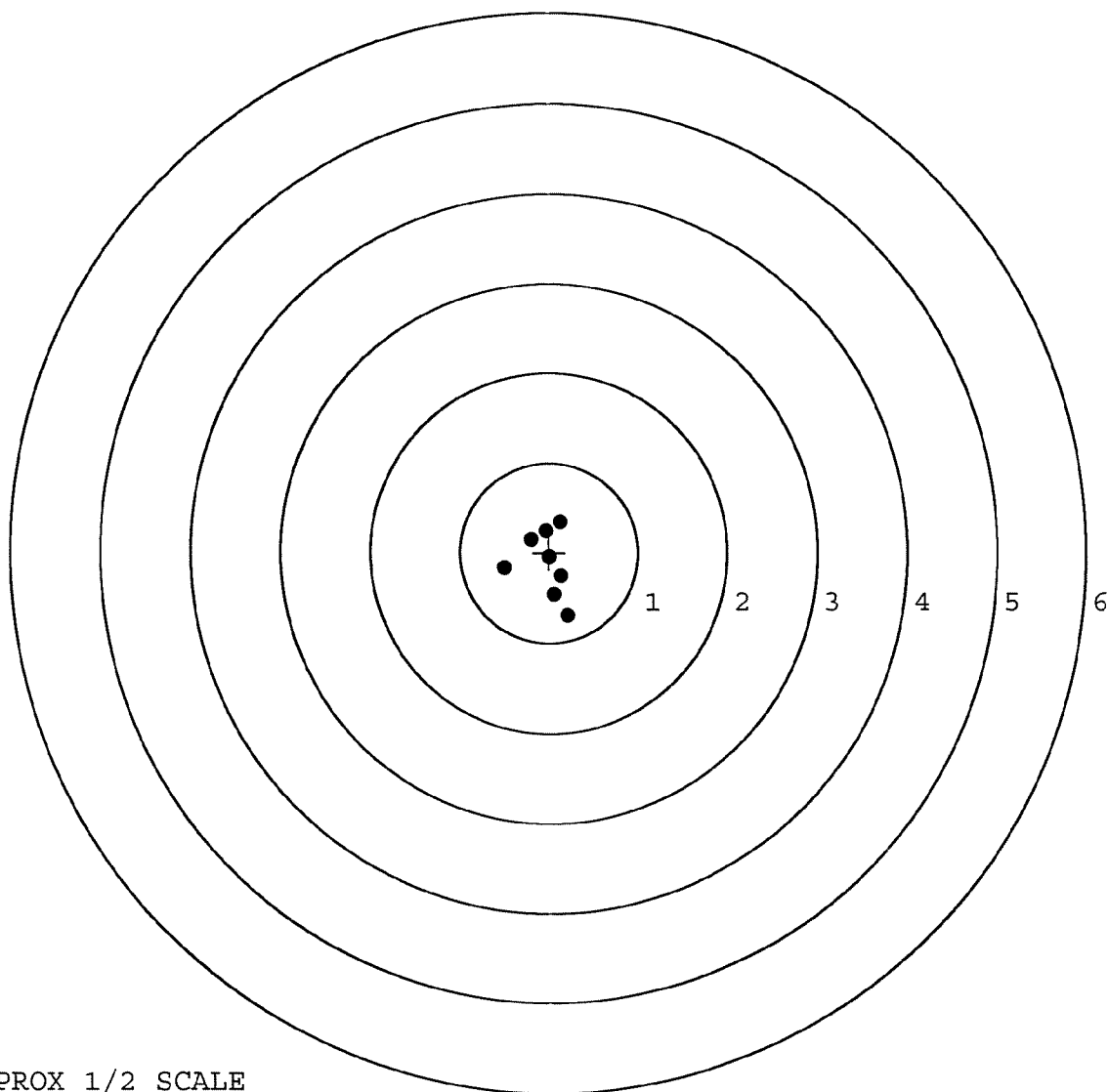
MAX RADIUS: 0.644

MEAN RADIUS: 0.302

IN 1 IN DIAMETER: 9

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0064665

SERIAL NUMBER: C6348809. 0

TARGET NUMBER: 4

FILE DATE: 06/22/2009

FILE TIME: 14:33

POINT#	X	Y
1:	0.199	0.672
2:	0.573	0.313
3:	-0.738	0.145
4:	-0.352	0.073
5:	-0.189	-0.017
6:	0.110	0.013
7:	-0.078	-0.209
8:	-0.889	-0.782
9:	-1.320	-0.391
10:	-0.030	-0.105

X CENTROID: -0.271

Y CENTROID: -0.029

POA TO CENTROID: 0.273

HORZ SPREAD: 1.893

VERT SPREAD: 1.454

GROUP SPREAD: 2.020

MIN RADIUS: 0.083

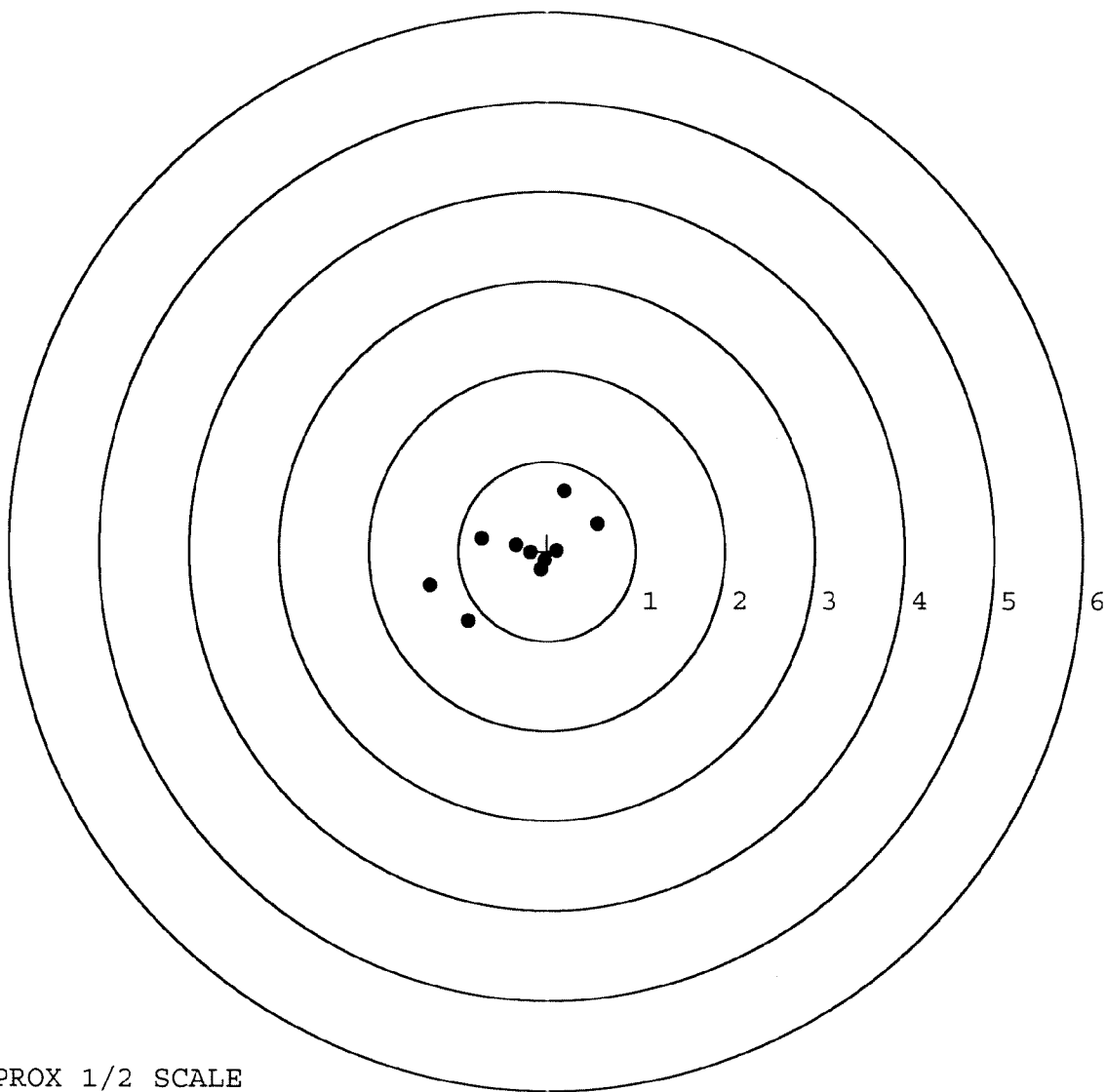
MAX RADIUS: 1.109

MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0064666

SERIAL NUMBER: C6348809. 0

TARGET NUMBER: 5

FILE DATE: 06/22/2009

FILE TIME: 14:33

POINT#	X	Y
1:	0.084	0.532
2:	0.598	0.363
3:	1.040	-0.219
4:	-1.027	-0.214
5:	-0.851	-0.024
6:	-0.724	0.258
7:	-0.570	-0.162
8:	-0.115	-0.262
9:	-0.052	-0.141
10:	-0.096	0.061

X CENTROID: -0.171

Y CENTROID: 0.019

POA TO CENTROID: 0.172

HORZ SPREAD: 2.067

VERT SPREAD: 0.794

GROUP SPREAD: 2.067

MIN RADIUS: 0.086

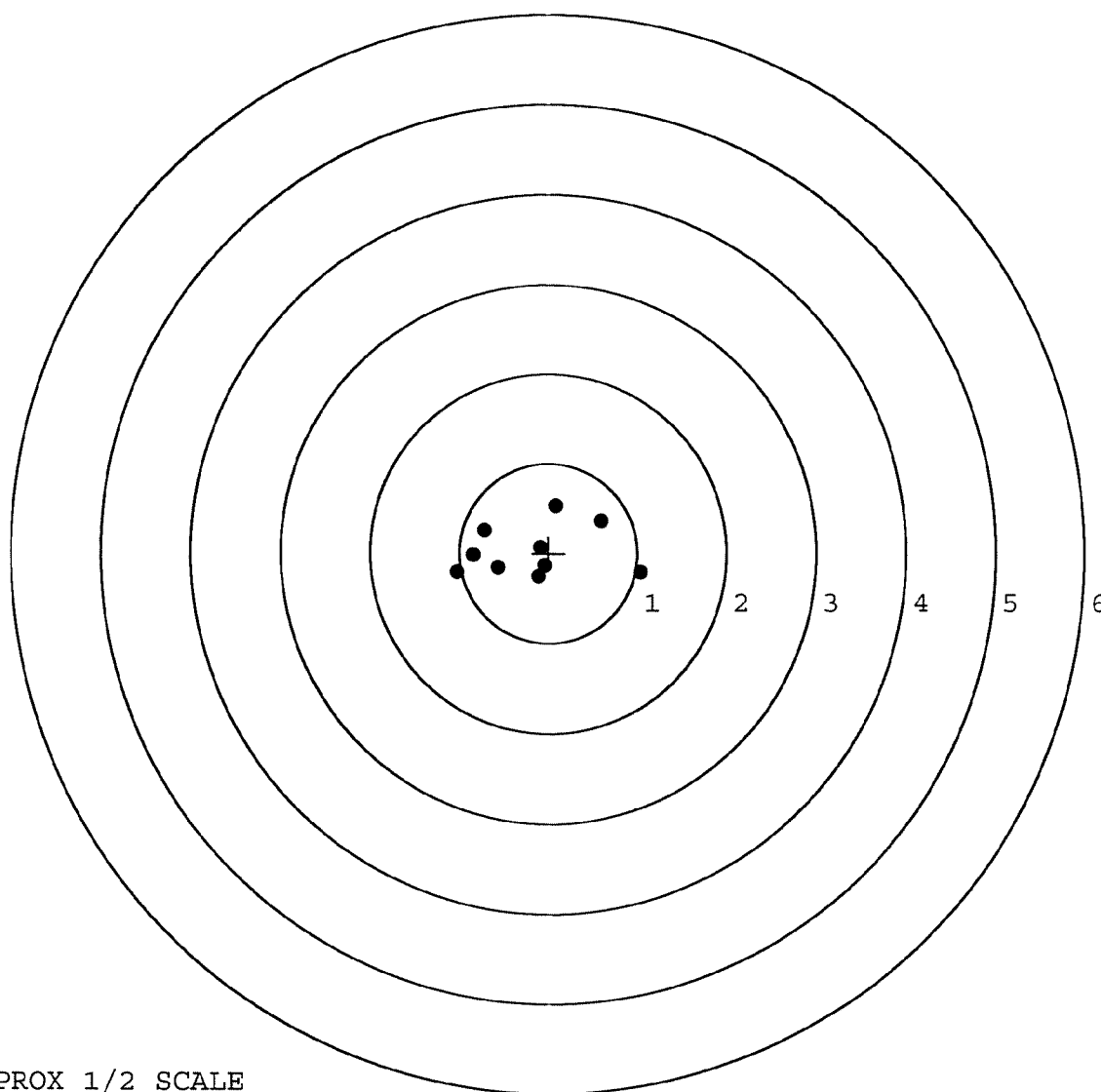
MAX RADIUS: 1.234

MEAN RADIUS: 0.583

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00047886** Serial: **C6348809** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 5/11/02 7:20:53 AM**

Verify Repair

Address Information

Customer: **COMMANDER** Received From: **COMMANDER** Return To: **COMMANDER** Received From:

Address 1: **HSC 2/7 SFG A** Address 2: PO Box: City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

EFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
X	SGT BASES	2

Repair Search Refresh Close

logtel 6/11/02 7:33 AM CAPS NUM INS SRL

Start Inbox Score Google Arms Part S RACI 7:33 AM

Serial Number: **C6348809**

Model: **700**



RE00047886

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

R & E NUMBER 47886

SERIAL NUMBER C6348809

LOG-IN DATE 6/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6/14/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	6/17/02	BWT
B	DRILL AND TAP	6/17/02	BWT
C	POLISH		
575	ASSEMBLE	6/17/02	RL
600	PROOF	6/17/02	RW
605	CHECK HEADSPACE	6/17/02	RW
610	DIS-ASSEMBLE GUN	6/17/02	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6/17/02	RW
618	ROTO-BLAST	6/19/02	KO
620	APPLY COATINGS	6-24	TA
625 A	FINAL ASSEMBLY	6/28/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-28-02	RL
655	FINAL INSPECT	6-28-02	RL
660	PACK	6/28/02	RL
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348809. __0

FILE DATE AND TIME: 06/29/2002 11:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.058
The Average Y Centroid of the Five Target Set:	0.083
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.599
The Distance from POA to Centroid Target #1:	0.226
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.212
The Distance from Centroid Target #5 to Centroid Target #1:	0.201

BARBER - M24 0064670

SERIAL NUMBER: C6348809. __0

TARGET NUMBER: 1

FILE DATE: 06/29/2002

FILE TIME: 11:48

POINT#	X	Y
1:	0.119	1.221
2:	-0.433	1.026
3:	0.776	-0.600
4:	-0.785	-0.445
5:	-0.170	-0.434
6:	0.226	-0.431
7:	-0.232	-0.183
8:	0.245	0.036
9:	0.089	0.325
10:	-0.157	0.523

X CENTROID: -0.032

Y CENTROID: 0.224

POA TO CENTROID: 0.226

HORZ SPREAD: 1.561

VERT SPREAD: 1.666

GROUP SPREAD: 1.895

MIN RADIUS: 0.158

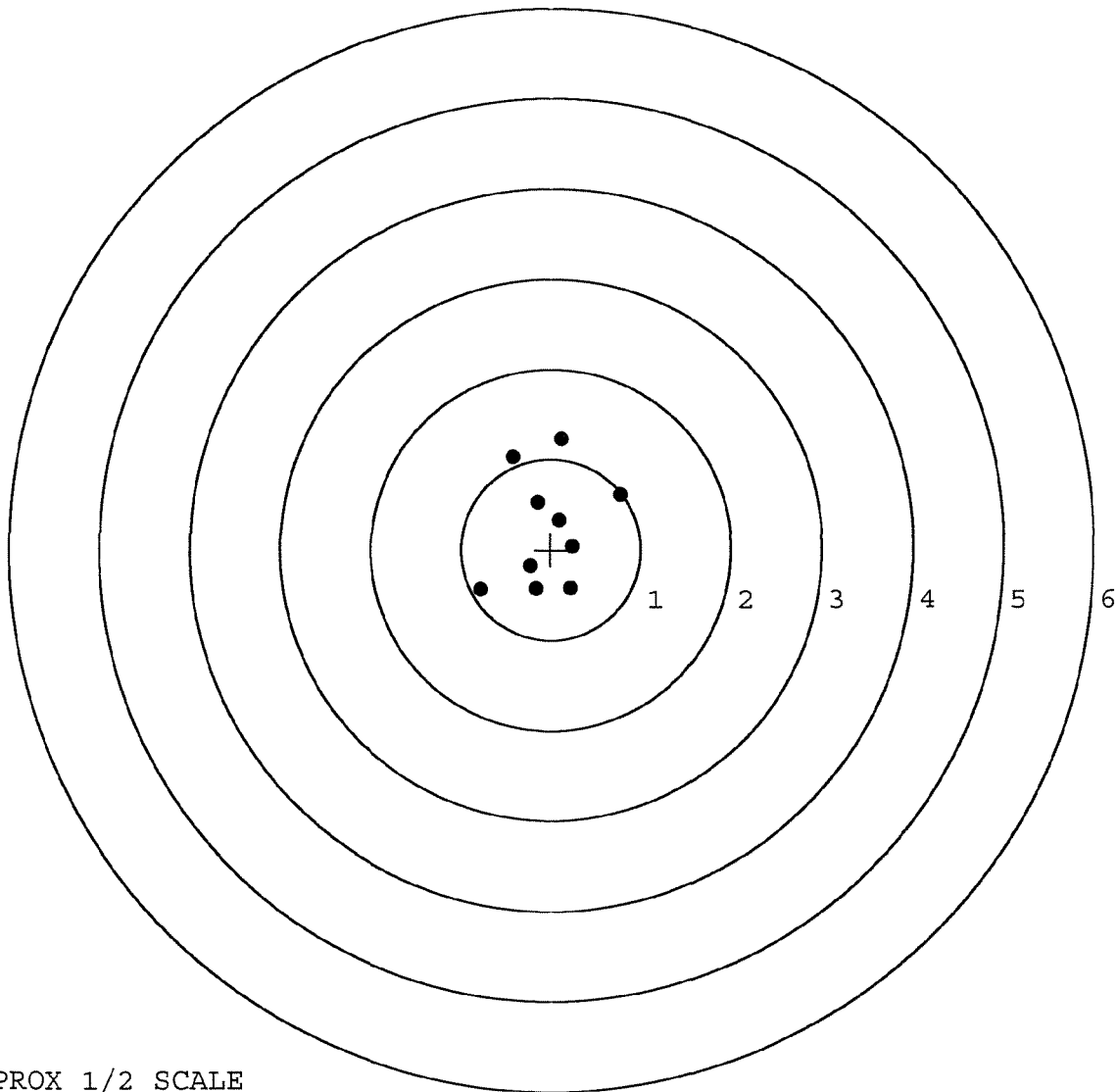
MAX RADIUS: 1.009

MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



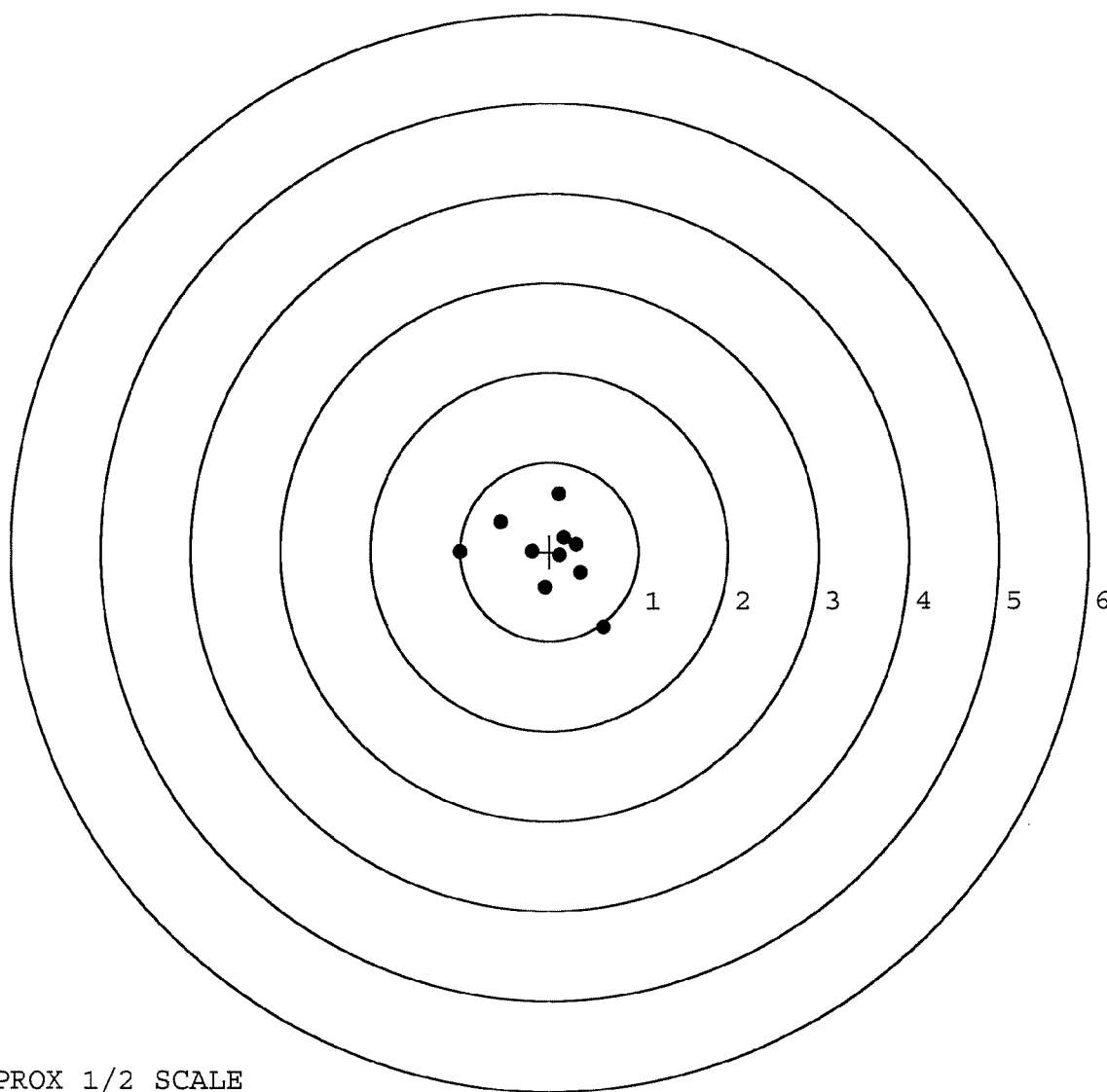
TARGET APPROX 1/2 SCALE

BARBER - M24 0064671

SERIAL NUMBER: C6348809.____0
TARGET NUMBER: 2
FILE DATE: 06/29/2002
FILE TIME: 11:48

POINT#	X	Y
1:	0.111	0.641
2:	-0.553	0.331
3:	-1.000	-0.010
4:	0.612	-0.850
5:	-0.050	-0.400
6:	0.347	-0.240
7:	-0.194	-0.006
8:	0.165	0.158
9:	0.118	-0.046
10:	0.302	0.082

X CENTROID: -0.014
Y CENTROID: -0.034
POA TO CENTROID: 0.037
HORZ SPREAD: 1.612
VERT SPREAD: 1.491
GROUP SPREAD: 1.818
MIN RADIUS: 0.133
MAX RADIUS: 1.029
MEAN RADIUS: 0.505
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

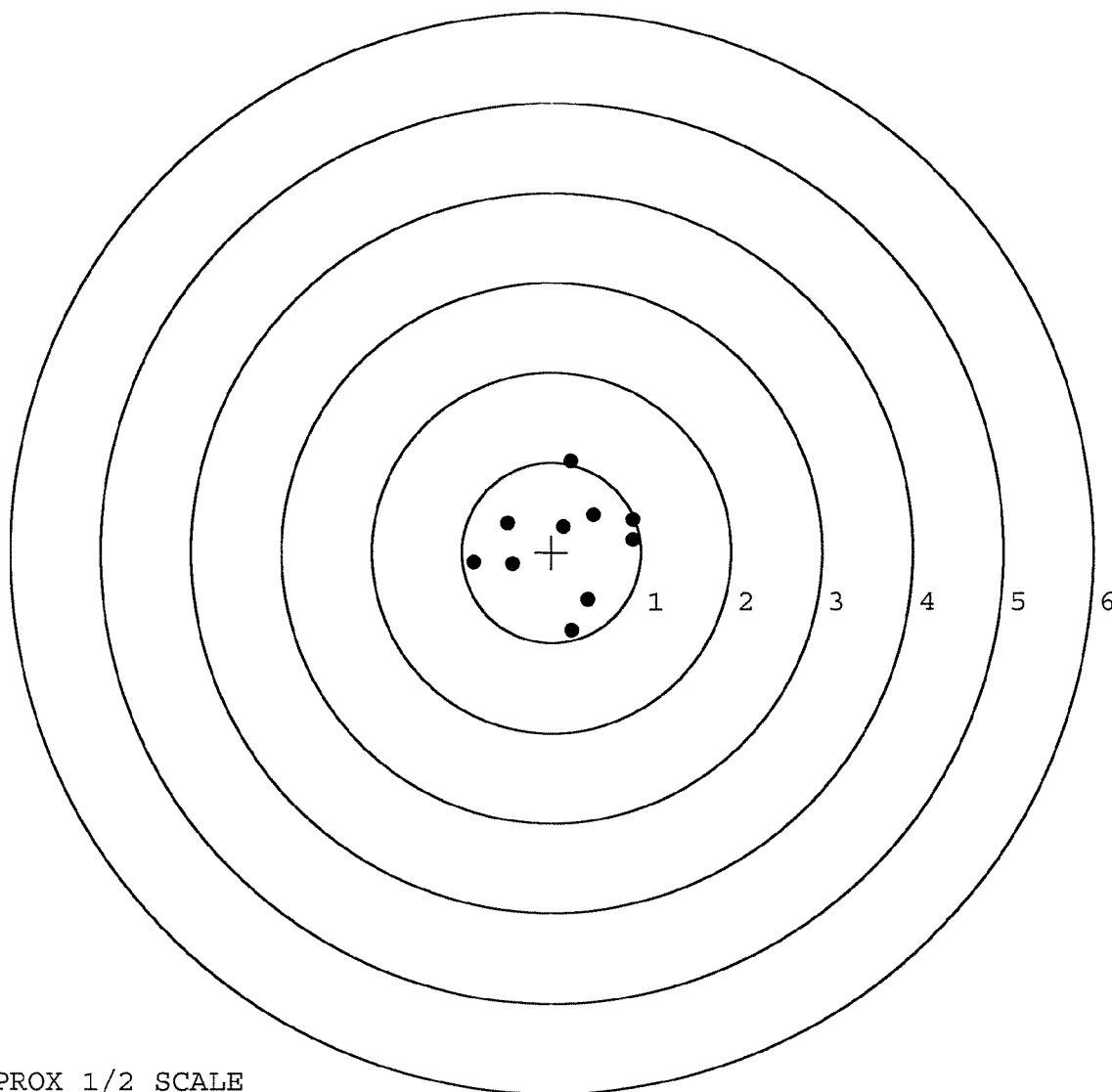


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348809. __0
 TARGET NUMBER: 3
 FILE DATE: 06/29/2002
 FILE TIME: 11:48

POINT#	X	Y
1:	0.219	1.017
2:	0.467	0.414
3:	0.136	-0.281
4:	0.909	0.365
5:	0.908	0.135
6:	-0.488	0.326
7:	-0.871	-0.115
8:	-0.436	-0.140
9:	0.413	-0.530
10:	0.229	-0.871

X CENTROID: 0.149
 Y CENTROID: 0.088
 POA TO CENTROID: 0.173
 HORZ SPREAD: 1.780
 VERT SPREAD: 1.888
 GROUP SPREAD: 1.844
 MIN RADIUS: 0.193
 MAX RADIUS: 1.040
 MEAN RADIUS: 0.713
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



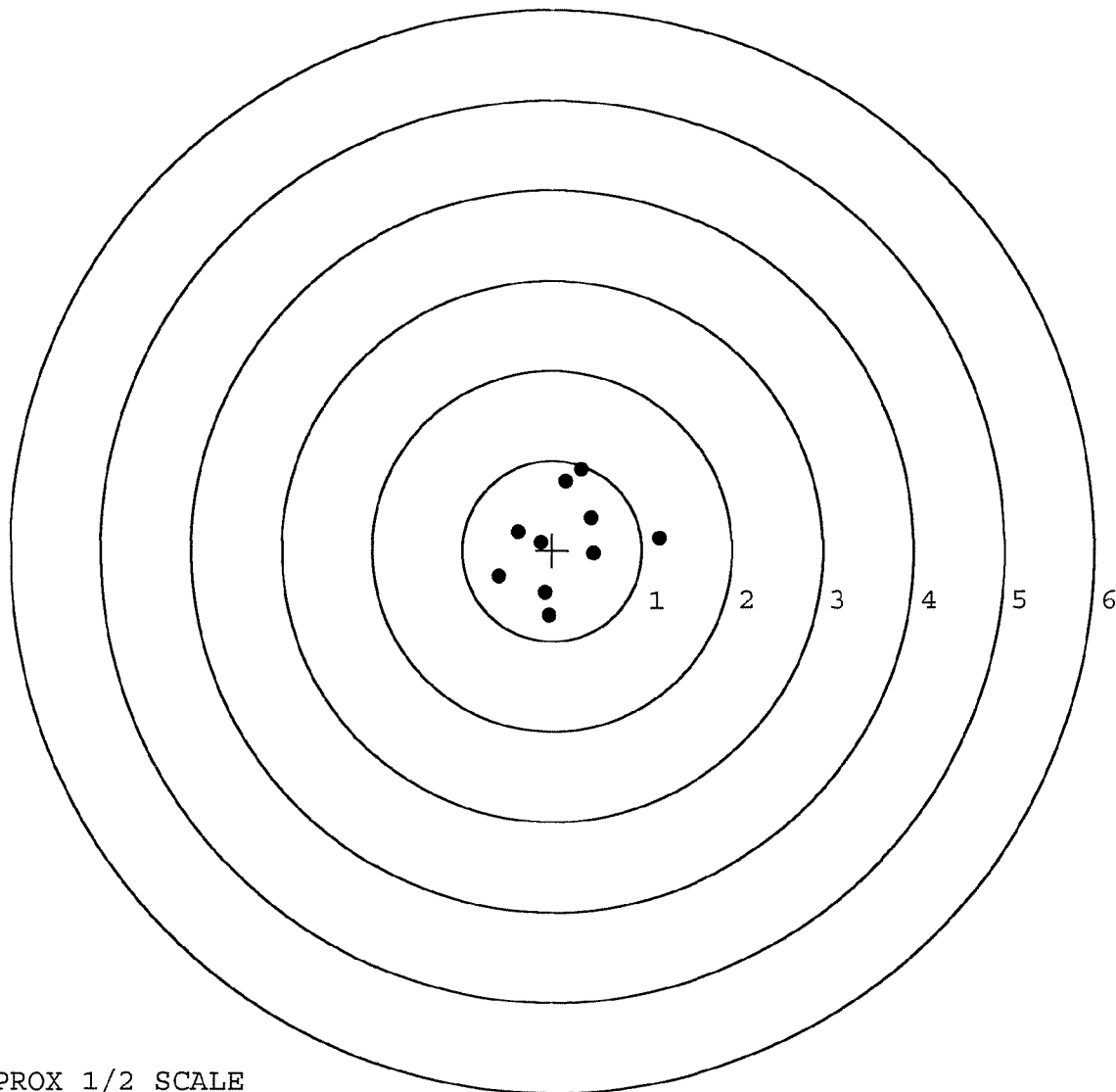
TARGET APPROX 1/2 SCALE

BARBER - M24 0064673

SERIAL NUMBER: C6348809. 0
 TARGET NUMBER: 4
 FILE DATE: 06/29/2002
 FILE TIME: 11:48

POINT#	X	Y
1:	0.321	0.906
2:	0.157	0.773
3:	0.440	0.362
4:	0.461	-0.035
5:	1.204	0.137
6:	-0.379	0.201
7:	-0.132	0.081
8:	-0.598	-0.287
9:	-0.084	-0.472
10:	-0.034	-0.720

X CENTROID: 0.136
 Y CENTROID: 0.095
 POA TO CENTROID: 0.165
 HORZ SPREAD: 1.802
 VERT SPREAD: 1.626
 GROUP SPREAD: 1.851
 MIN RADIUS: 0.268
 MAX RADIUS: 1.069
 MEAN RADIUS: 0.640
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0064674

SERIAL NUMBER: C6348809. __0

TARGET NUMBER: 5

FILE DATE: 06/29/2002

FILE TIME: 11:48

POINT#	X	Y
1:	0.257	0.445
2:	0.917	-0.721
3:	0.406	-0.230
4:	-0.248	0.498
5:	-0.524	0.404
6:	-0.352	0.242
7:	-0.448	0.075
8:	-0.030	-0.019
9:	0.200	-0.078
10:	0.356	-0.195

X CENTROID: 0.053

Y CENTROID: 0.042

POA TO CENTROID: 0.068

HORZ SPREAD: 1.441

VERT SPREAD: 1.219

GROUP SPREAD: 1.828

MIN RADIUS: 0.103

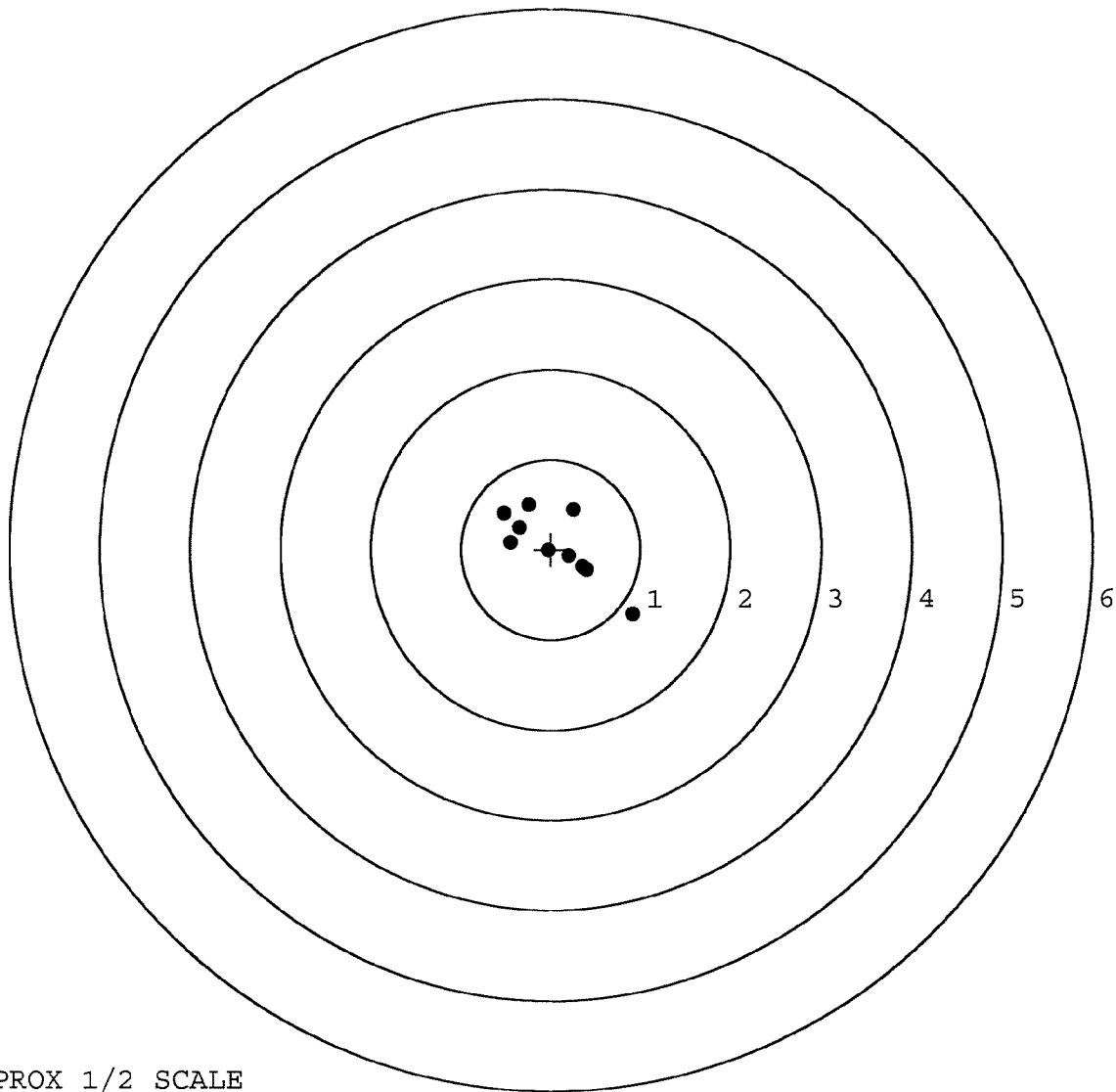
MAX RADIUS: 1.152

MEAN RADIUS: 0.491

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-13568INITIAL
FPSCUSTOMER ORDER NO.
11351

M24

DATE RECEIVED
05/30/96DATE OPENED
05/30/96DATE CODE
PJ 6-89SERIAL NUMBER
C6348809

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

SHIP TO:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

CUST NO: 143691 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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

Barrel - 96003
stock - 96018
mag Spring - 15677

COMMENTS

Re Powder Coat Trigger Guard
Assy. Front & Rear Sight Bases
Re Fine Scope Base & Swivel
Studs.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 06648964714

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature:

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE

011351

DATE

5/29/96

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL:

GAUGE:

SERIAL #

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE #

DEPT. #

CHECK FOR AMMUNITION

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES NO

(BRAND NAME/POWER)

SLING: YES NO

GUN CASE: YES NO

(HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

SIGNATURE:

(Security Officer)

DATE:

SIGNATURE:

(Firearm picked up by)

DATE:

Arm Service Copy

BARBER - M24 0064877

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348809
19 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.22265
1 TO	2	.0800562
1 TO	3	.508254
1 TO	4	.201837
1 TO	5	.291757

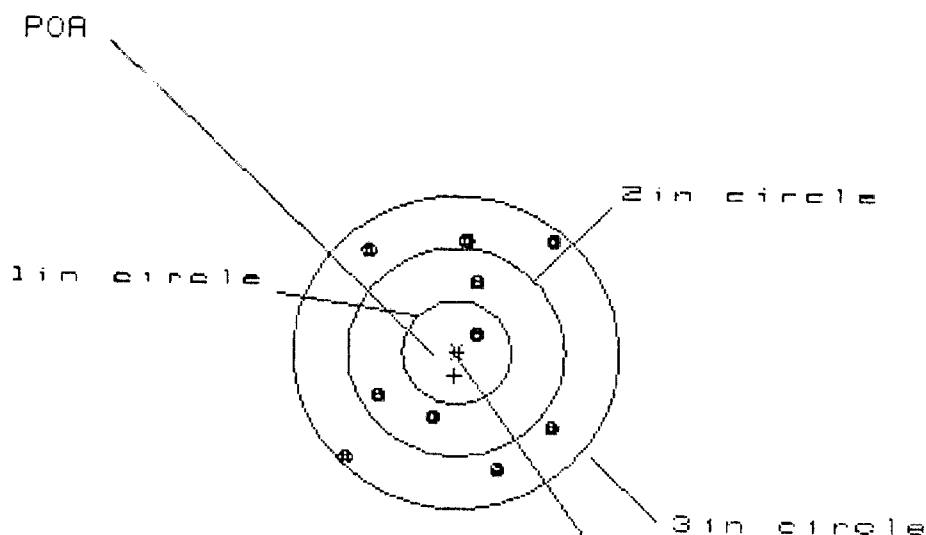
f_3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2034
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1738
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .267541
THE AMR FOR THIS RIFLE IS: 1.003

19 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6346889

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 1.904

VS= 2.206

GS= 2.803

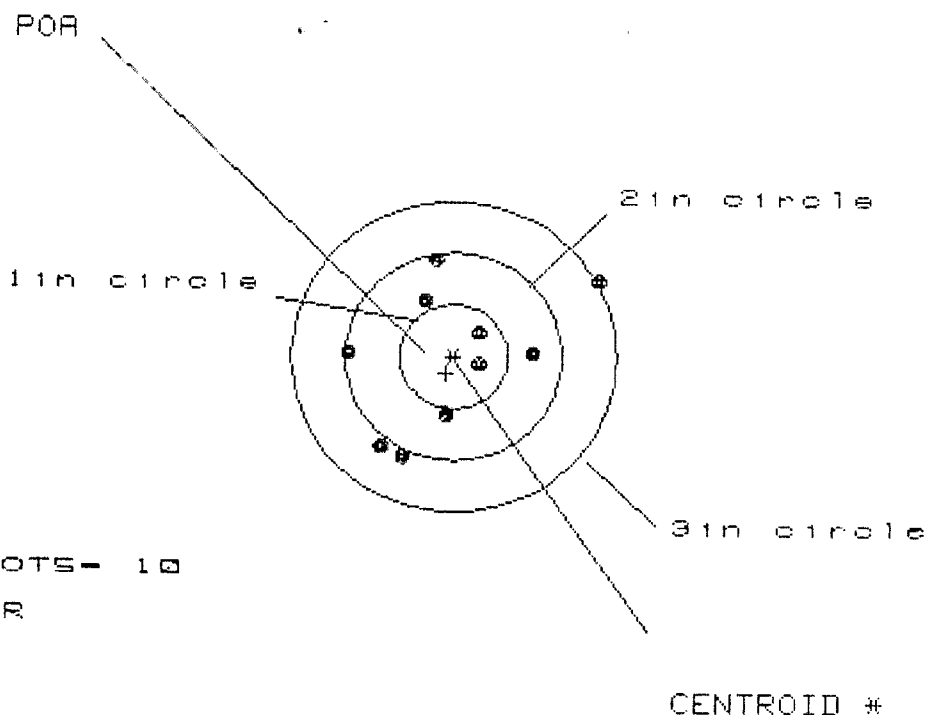
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.914	.804	.903
MINIMUM X	-.990	-.904	-.805
MAXIMUM Y	1.047	.932	1.048
MINIMUM Y	-1.159	-1.274	-1.158
CENTROID X	.017	.127	.028
CENTROID Y	.222	.337	.221
POA TO CENTROID in.	.223	.360	.223
MIN RADIUS	.259	.114	.250
MEAN RADIUS	.981	.910	.876
MAX RADIUS	1.430	1.300	1.273
HORIZONTAL SPREAD	1.904	1.708	1.708
VERTICAL SPREAD	2.206	2.206	2.206
EXTREME SPREAD	2.803	2.439	2.439
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

19 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6348803

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

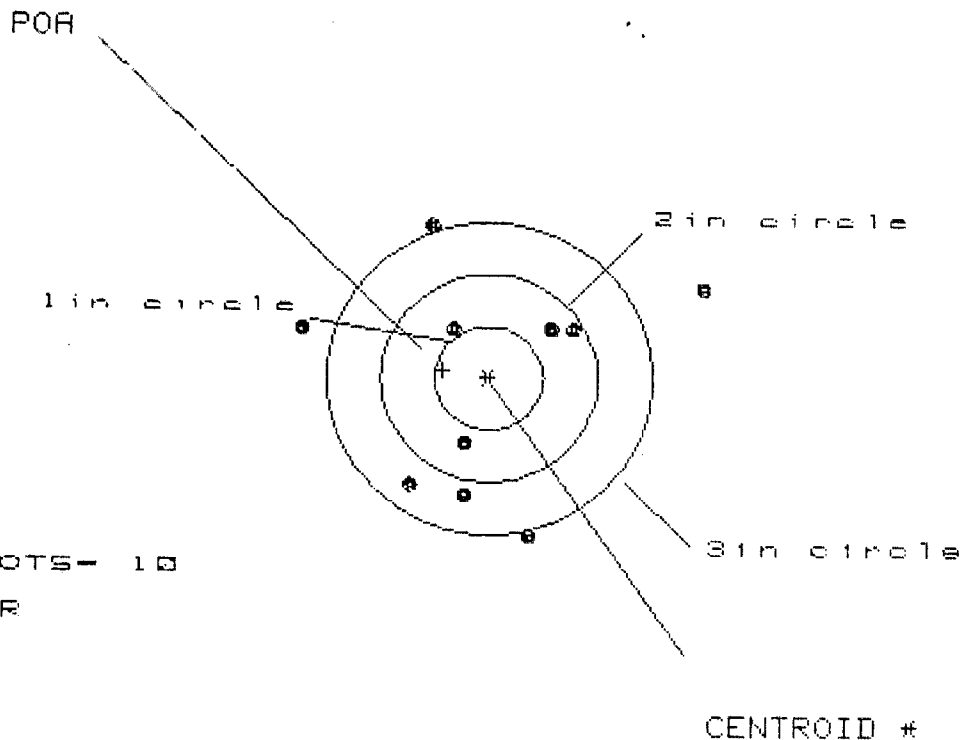
HS= 2.296

VS= 1.834

GS= 2.605

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.352	.920	.854
MINIMUM X	:	-.944	-.794	-.860
MAXIMUM Y	:	.889	.976	.880
MINIMUM Y	:	-.945	-.858	-.954
CENTROID X	:	.070	-.080	-.014
CENTROID Y	:	.162	.075	.171
POA TO CENTROID in.	:	.176	.110	.171
MIN RADIUS	:	.254	.381	.334
MEAN RADIUS	:	.805	.725	.682
MAX RADIUS	:	1.559	.976	1.041
HORIZONTAL SPREAD	:	2.296	1.714	1.714
VERTICAL SPREAD	:	1.834	1.834	1.834
EXTREME SPREAD	:	2.605	1.866	1.866
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 3.755

VS= 2.975

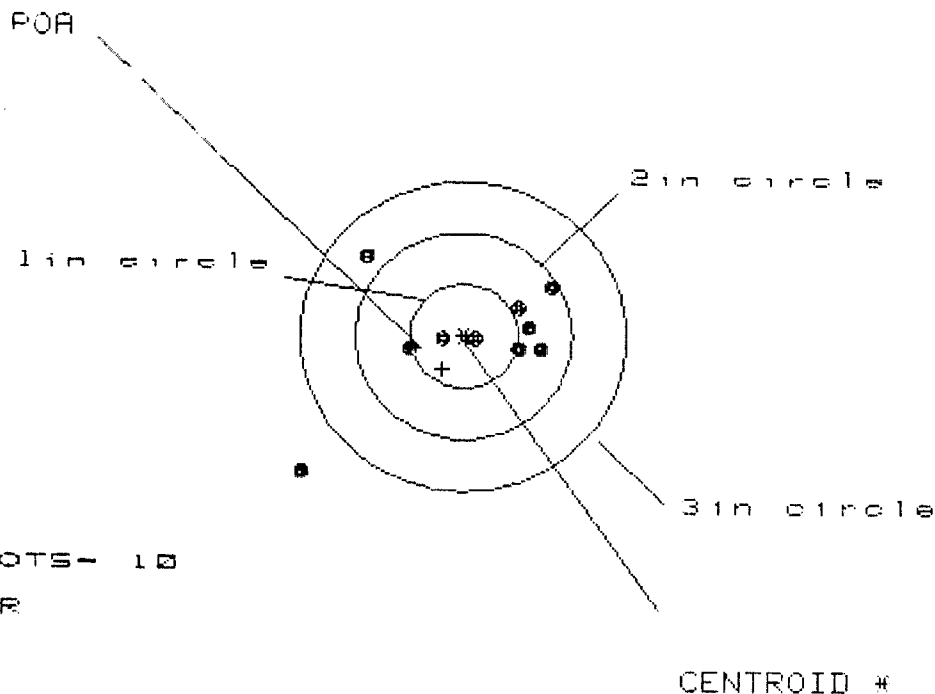
GS= 3.777

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.009	1.032	.842
MINIMUM X	:	-1.746	-1.523	-.734
MAXIMUM Y	:	1.495	1.593	1.664
MINIMUM Y	:	-1.480	-1.382	-1.310
CENTROID X	:	.428	.205	.395
CENTROID Y	:	-.077	-.175	-.247
POA TO CENTROID in.	:	.435	.269	.466
MIN RADIUS	:	.597	.494	.463
MEAN RADIUS	:	1.248	1.126	1.045
MAX RADIUS	:	2.195	1.627	1.724
HORIZONTAL SPREAD	:	3.755	2.555	1.576
VERTICAL SPREAD	:	2.975	2.975	2.975
EXTREME SPREAD	:	3.777	3.090	3.090
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

100 900

FILE: PATTERNING/CENTERFIRE_PATT/C6346889

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 8

3 in - 9

HS- 2.251

VS- 2.036

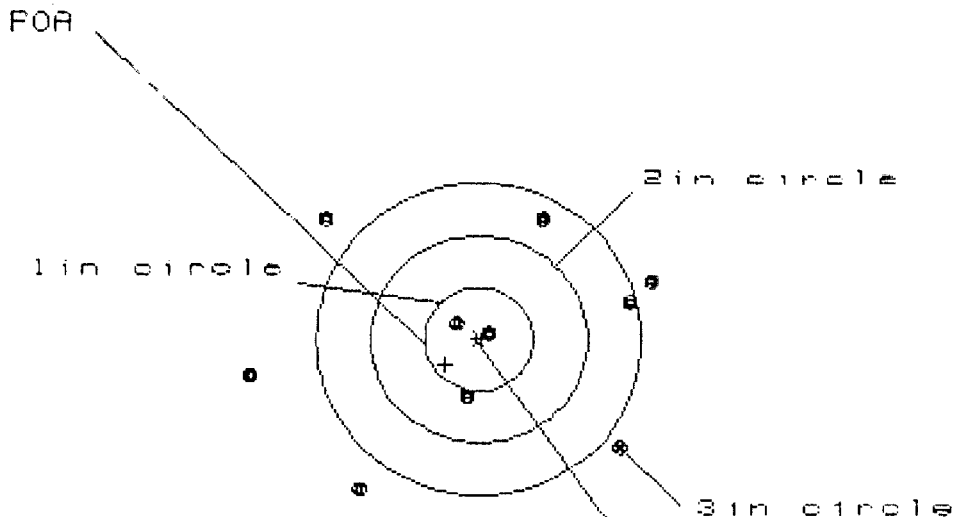
GS- 2.865

PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.793	.631	.497
MINIMUM X	-1.458	-1.071	-.026
MAXIMUM Y	.739	.595	.407
MINIMUM Y	-1.297	-.242	-.168
CENTROID X	.194	.356	.490
CENTROID Y	.319	.463	.389
POA TO CENTROID in.	.373	.584	.626
MIN RADIUS	.076	.200	.230
MEAN RADIUS	.722	.558	.437
MAX RADIUS	1.952	1.226	.843
HORIZONTAL SPREAD	2.251	1.702	1.323
VERTICAL SPREAD	2.036	.837	.574
EXTREME SPREAD	2.865	1.818	1.442
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

9 Apr 1968

FILE: PATTERNING/CENTERFIRE_PATT/C6346809

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 3

3 in - 5

CENTROID #

HS= 3.677

VS= 2.613

GS= 3.797

PATTERN #	:	5	9	10
SHOTS (BEST OF)	:	10	9	10
MAXIMUM X	:	1.561	1.326	1.159
MINIMUM X	:	-2.116	-1.603	-1.778
MAXIMUM Y	:	1.138	1.099	.909
MINIMUM Y	:	-1.475	-1.514	-1.280
CENTROID X	:	.308	.543	.710
CENTROID Y	:	.243	.282	.471
POA TO CENTROID in.	:	.392	.612	.853
MIN RADIUS	:	.066	.190	.400
MEAN RADIUS	:	1.259	1.166	1.068
MAX RADIUS	:	2.146	2.020	1.990
HORIZONTAL SPREAD	:	3.677	2.929	2.929
VERTICAL SPREAD	:	2.613	2.613	2.189
EXTREME SPREAD	:	3.797	3.425	3.425
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

*Barrel
stock*

R&E NO.

SERIAL NO.

*C6348809*LOG IN DATE: *5/30/96*

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

*6/6/96**Rw*

605

CHECK HEADSPACE

*6/6/96**Rw*

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

*6/19/96**Rw*

655

FINAL INSPECT

*6/20/96**Rw*

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6348809

DATE REC'D: 5/30/96

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Remington



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

MODEL 700TM M24

SERIAL NO.
C6348809

ORDER NO.
5716

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



5716 C6348809

01

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348809

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
612	Magnaflux Bolt Action	7 11	7/13	KCR
615	Ballmark Caliber		7/13	SS.
617	Drill and Tap Sight Holes	7 13	89	YB
618	Polish Barrel RB	7 13	89	BT
620	Apply Coatings (Barrel Action)		7/21/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1 Aug 89	JS

op. #	BARBER - M24 0064688 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	5	4			1 Aug 89	JS
	G) Safety Off Force	4	4	4			1 Aug 89	JS
	H) Trigger Pull Test & Retainability						1 Aug 89	JS
	I) Firing Pin Indent	.021	.0215	.0215			1 Aug 89	JS
	J) Assemble Stock						8/3/89	RW
	K) Assemble Swivel Studs						7 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/3/89	RW
	M) Iron Sight Alignment						8/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/3/89	RW
	O) Attach Scope to Rifle						30 Aug 89	JS
	P) Detach & Attach Scope 20 Times						30 Aug 89	JS
0	Gallery Target & Test	64 R	88 L				8-4-89	JS
	A) Time						8-4-89	JS
	B) Malfunctions						8-4-89	JS
	C) Pierced Primers						8-4-89	JS
	D) Optical Clarity of Scope						8-4-89	JS
645	Inspect for Live Ammo						8-4-89	JS
655	Final Inspection							
	A) Headspace						7 Aug 89	JS
	B) Trigger Pull	2.18	2.19	2.15	2.17	2.30	7 Aug 89	JS
	C) Function						7 Aug 89	JS
660	Pack						20 Sept 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8809

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.21	2.03	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.39	2.37	
PULL #3	2.16	2.32	2.33	
PULL #4	2.14	2.32	2.40	
PULL #5	2.16	2.30	2.34	
TOTAL	10.92	11.36	11.85	
AVG.	2.18	2.27	2.37	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.46	3.44	
PULL #2	3.29	3.34	
PULL #3	3.41	3.41	
PULL #4	3.43	3.39	
PULL #5	3.21	3.43	
TOTAL	16.80	17.01	
AVG.	3.36	3.40	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.35		
PULL #2	4.37	4.33		
PULL #3	4.37	4.29		
PULL #4	4.30	4.35		
PULL #5	4.36	4.31		
TOTAL	21.86	21.63		
AVG.	4.37	4.32		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348809
4 Aug 1939

CENTROIDAL DISTANCES

0 TO	1	.500905
1 TO	2	.413879
1 TO	3	.747329
1 TO	4	1.00024
1 TO	5	1.06911

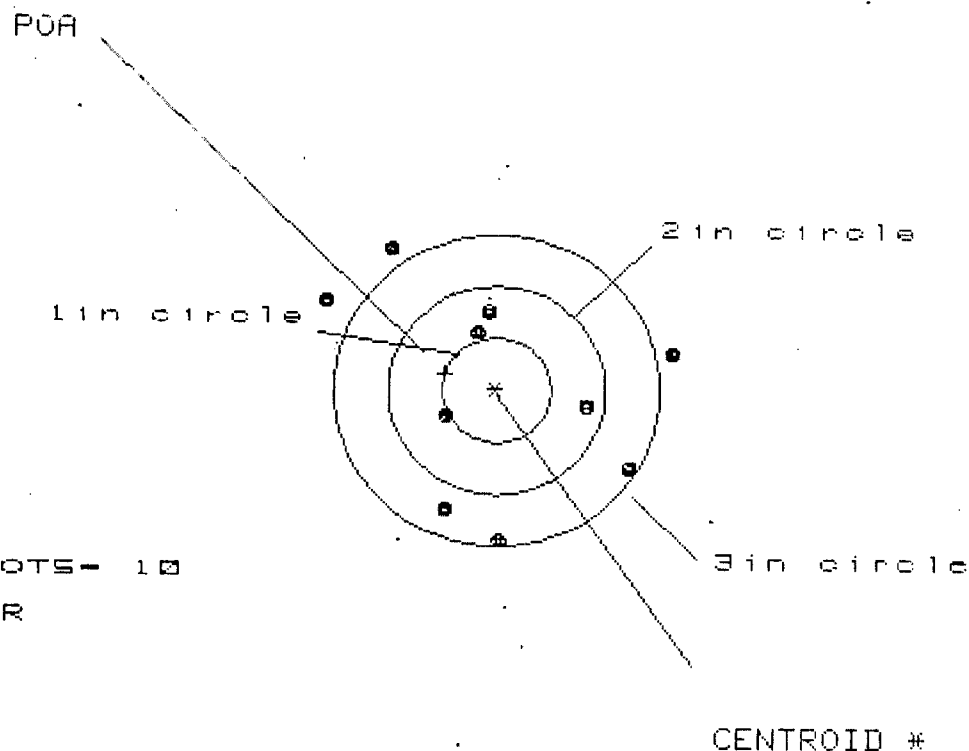
+ 1 <----POR
3 2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.044
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.5294
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .531225
THE POI FOR THIS RIFLE IS: 1.097

4 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG348883

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 3.185

VS= 2.781

GS= 3.232

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.659	1.489	1.203
MINIMUM X	-1.526	-1.145	-.959
MAXIMUM Y	1.328	1.424	1.476
MINIMUM Y	-1.453	-1.357	-1.305
CENTROID X	.475	.645	.459
CENTROID Y	-.159	-.255	-.307
POA TO CENTROID in.	.501	.694	.552
MIN RADIUS	.503	.633	.441
MEAN RADIUS	1.190	1.124	1.054
MAX RADIUS	1.756	1.827	1.760
HORIZONTAL SPREAD	3.185	2.634	2.162
VERTICAL SPREAD	2.781	2.781	2.781
EXTREME SPREAD	3.232	3.003	3.003
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

4 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346889

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 3.573

VS= 2.183

GS= 3.577

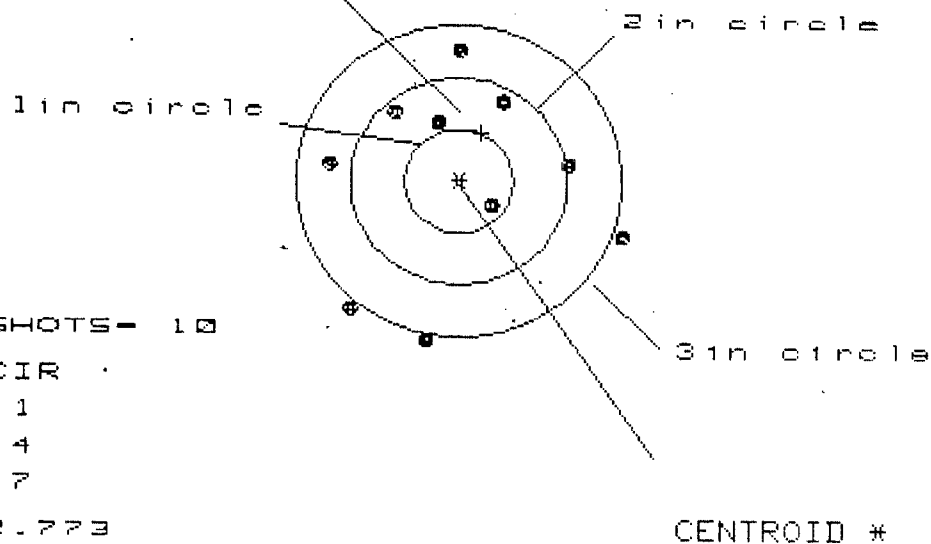
PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.688	1.478	1.105
MINIMUM X	-1.885	-1.575	-1.390
MAXIMUM Y	1.195	1.139	1.088
MINIMUM Y	-.988	-1.044	-1.095
CENTROID X	.239	.449	.264
CENTROID Y	-.499	-.443	-.392
POA TO CENTROID in.	.554	.630	.473
MIN RADIUS	.282	.390	.210
MEAN RADIUS	1.169	1.056	.978
MAX RADIUS	1.953	1.604	1.478
HORIZONTAL SPREAD	3.573	3.053	2.495
VERTICAL SPREAD	2.183	2.183	2.183
EXTREME SPREAD	3.577	3.134	2.784
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

4 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B883

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.773

VS= 2.773

GS= 2.878

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.551
MINIMUM X	-1.222
MAXIMUM Y	1.244
MINIMUM Y	-1.529
CENTROID X	-.205
CENTROID Y	-.469
POA TO CENTROID in.	.512
MIN RADIUS	.379
MEAN RADIUS	1.107
MAX RADIUS	1.648
HORIZONTAL SPREAD	2.773
VERTICAL SPREAD	2.773
EXTREME SPREAD	2.878
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	7

4 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348889

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.455

VS= 3.224

GS= 3.997

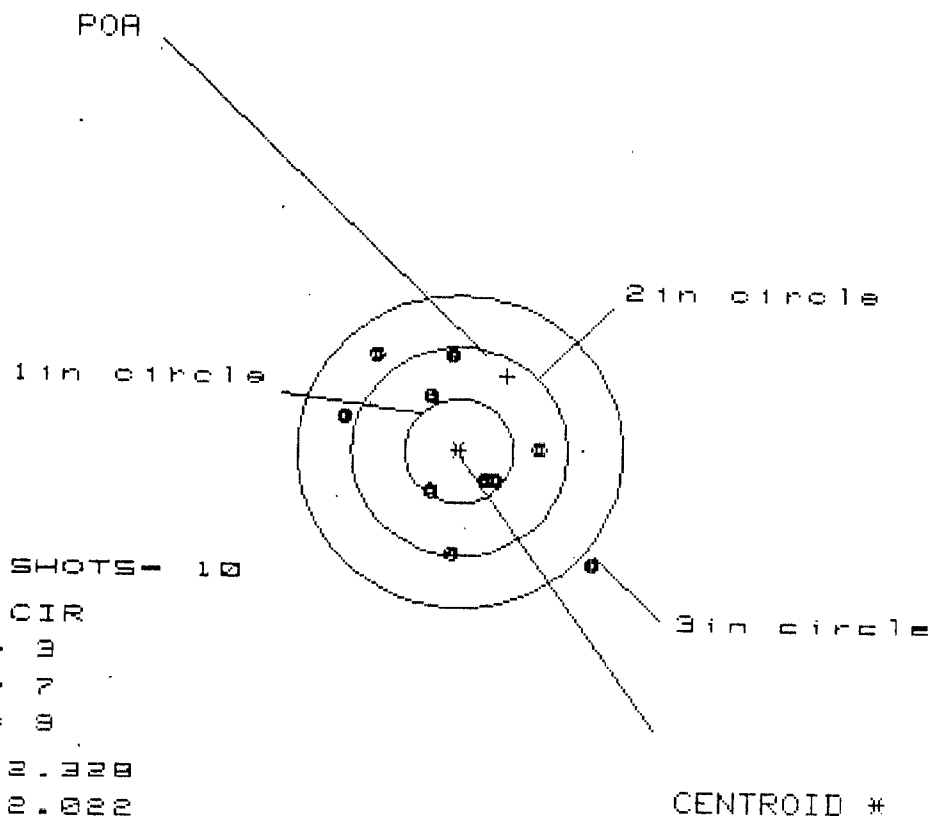
CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.735
MINIMUM X	-1.720
MAXIMUM Y	1.369
MINIMUM Y	-1.855
CENTROID X	-.297
CENTROID Y	-.795
POA TO CENTROID in.	.849
MIN RADIUS	.079
MEAN RADIUS	1.162
MAX RADIUS	2.540
HORIZONTAL SPREAD	3.455
VERTICAL SPREAD	3.224
EXTREME SPREAD	3.997
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	7

4 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348889

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.328

VS= 2.022

GS= 2.841

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.212
MINIMUM X	-1.116
MAXIMUM Y	.968
MINIMUM Y	-1.054
CENTROID X	-.432
CENTROID Y	-.725
POA TO CENTROID in.	.844
MIN RADIUS	.363
MEAN RADIUS	.856
MAX RADIUS	1.606
HORIZONTAL SPREAD	2.328
VERTICAL SPREAD	2.022
EXTREME SPREAD	2.841
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9