

C6225141

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00151974

Serial: C6225141 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Status: Closed 9/26/2008 9:51:18 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON AL

DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201-4199

Country: US

State: AL

Zip Code: 36201-4199

Country: US

FFL:

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
D000	FULL SYSTEM	1

Repair Search

Refresh

Close

nagletj

9/29/2008

2:38 PM

C4PS

NUM

INS

SCRL



Serial Number: C6225141

Model M24 SWS



RE00151974

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

151974

SERIAL NUMBER

C6225141

LOG-IN DATE

9-26-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-26-09	RTZ
505	RE-BARREL	3-27-09	RTZ
420	ASSEMBLE	3-27-09	RTZ
440	PROOF	MAGNA - FLUX	3-27-09
460	CHECK HEADSPACE	3-27-09	TL
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX	OPERATOR	4/2/09
510	DRILL AND TAP	3-28-09	JP
500	ROLLMARK CALIBER	4/2/09	RT
520	GOFF BLAST BBL / REC	4-2	IB
530 & 540	APPLY COATINGS	4-3	
560	FINAL ASSEMBLY	4-13-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	4-13-09
650	TARGET	PASS FAIL	4-13-09
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-13-09
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	4-14-09
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.87 2.89 2.78 2.80 2.85 4-13-09
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8 8 8 4-14-09
	G) SAFETY OFF FORCE	2 LBS MIN	3 3.5 3 4-14-09
	I) FIRING PIN INDENT	.020	.023 .022 .022 4-14-09
690	PACK		4/2/09

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6225141.__0
FILE DATE AND TIME: 04/14/2009 05:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	-0.062
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.616
The Distance from POA to Centroid Target #1:	0.062
The Distance from Centroid Target #2 to Centroid Target #1:	0.124
The Distance from Centroid Target #3 to Centroid Target #1:	0.063
The Distance from Centroid Target #4 to Centroid Target #1:	0.097
The Distance from Centroid Target #5 to Centroid Target #1:	0.105

SERIAL NUMBER: G6225141. 0

TARGET NUMBER: 1

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.018	0.015
2:	-0.002	0.046
3:	-0.027	0.064
4:	0.432	0.351
5:	-0.227	-0.128
6:	-0.361	-0.464
7:	0.395	-0.364
8:	-0.367	0.452
9:	0.042	-0.929
10:	0.398	0.418

X CENTROID: 0.030

Y CENTROID: -0.054

POA TO CENTROID: 0.062

HORZ SPREAD: 0.799

VERT SPREAD: 1.381

GROUP SPREAD: 1.440

MIN RADIUS: 0.070

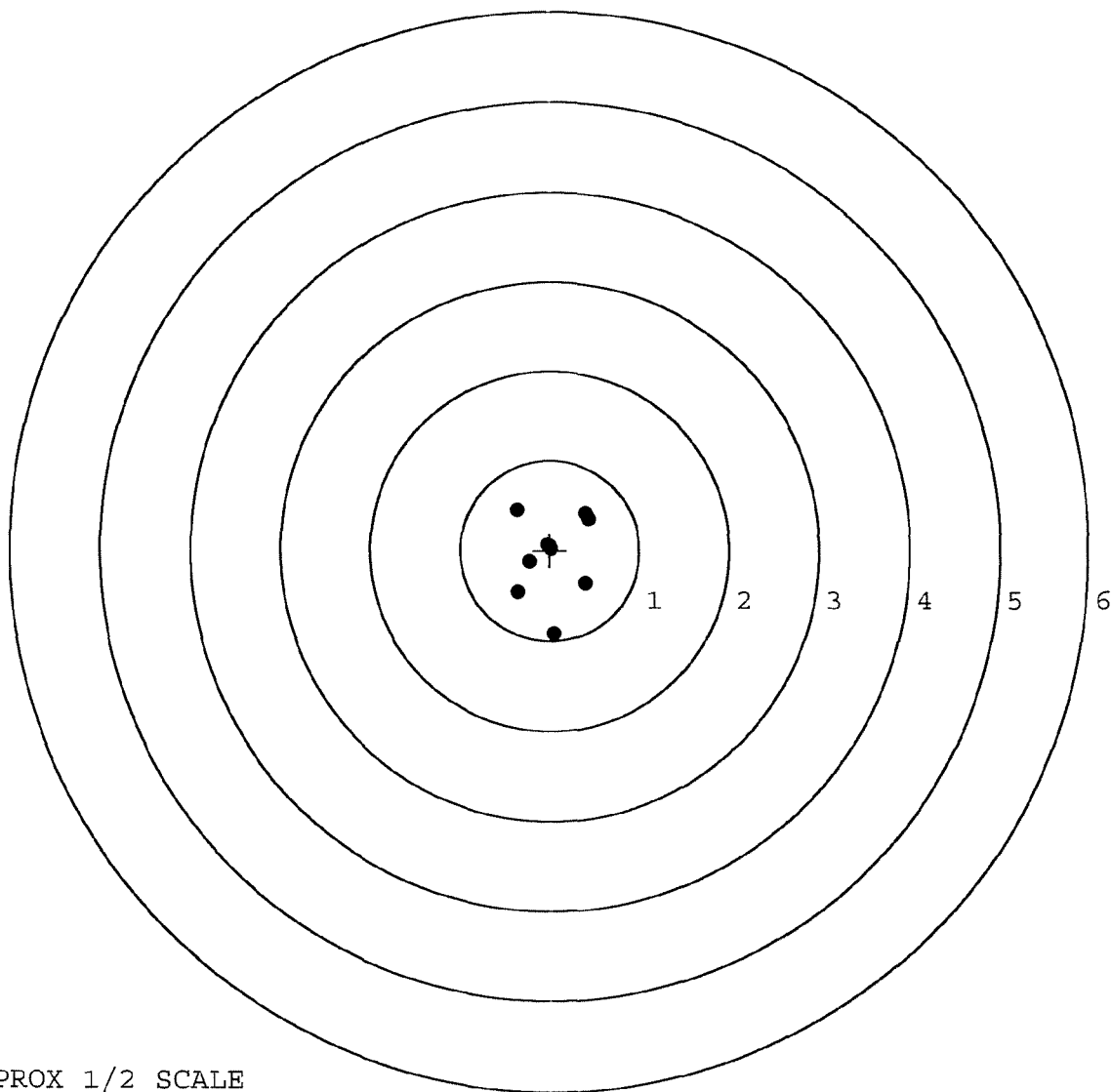
MAX RADIUS: 0.875

MEAN RADIUS: 0.431

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 2

FILE DATE: 04/14/2009

FILE TIME: 05:16

X CENTROID: 0.147

Y CENTROID: -0.013

POA TO CENTROID: 0.148

HORZ SPREAD: 1.696

VERT SPREAD: 1.767

GROUP SPREAD: 2.107

MIN RADIUS: 0.138

MAX RADIUS: 1.556

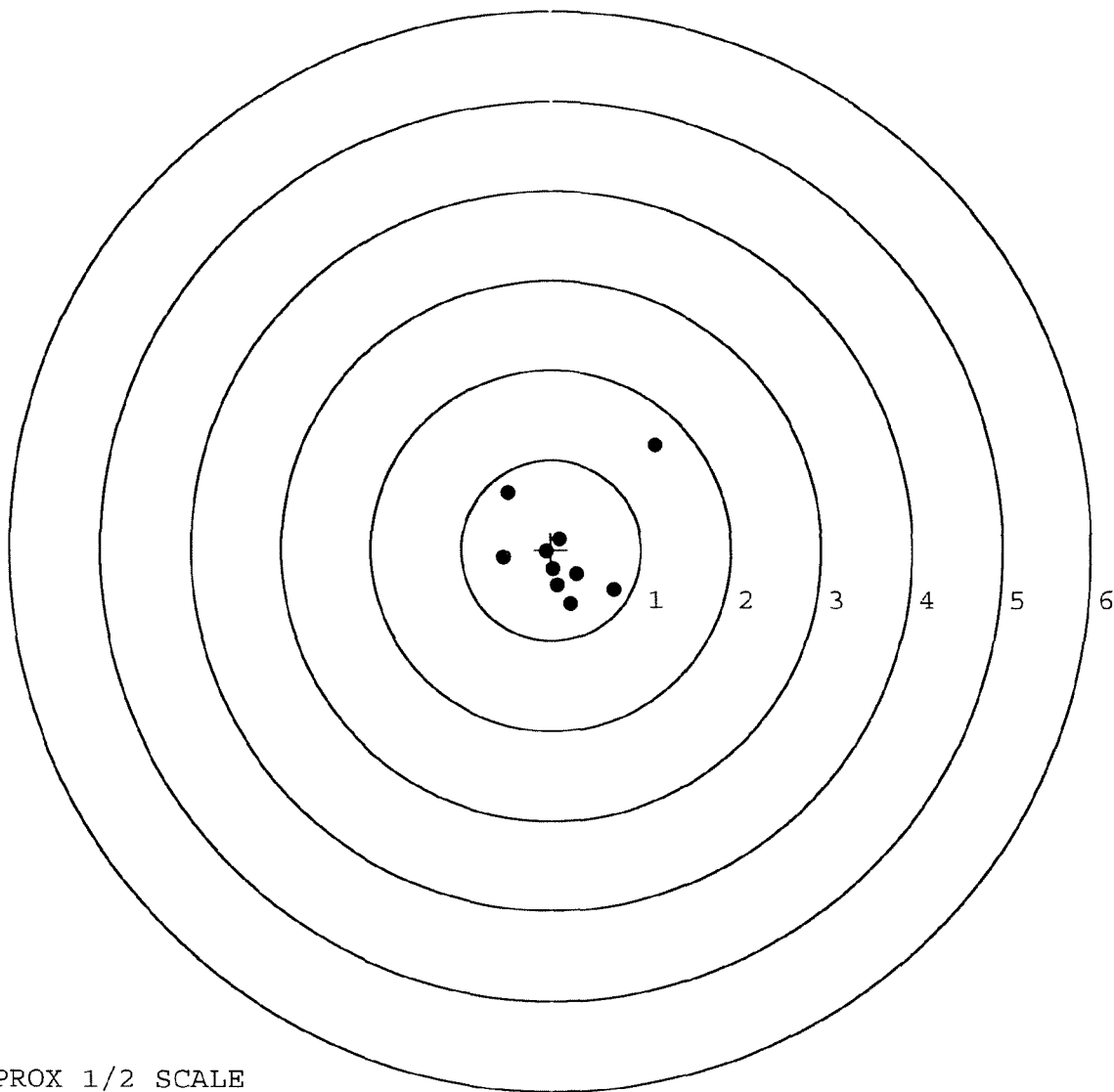
MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.218	-0.603
2:	0.695	-0.441
3:	0.282	-0.278
4:	0.073	-0.398
5:	0.022	-0.220
6:	-0.058	-0.024
7:	0.094	0.114
8:	-0.531	-0.086
9:	1.165	1.164
10:	-0.486	0.639



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 3

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.774	-0.605
2:	0.354	-0.357
3:	-0.394	-1.004
4:	-0.327	-0.124
5:	-0.185	0.003
6:	0.297	0.203
7:	0.287	0.416
8:	0.143	0.596
9:	-0.364	0.473
10:	-0.904	-0.008

X CENTROID: -0.032

Y CENTROID: -0.041

POA TO CENTROID: 0.052

HORZ SPREAD: 1.678

VERT SPREAD: 1.600

GROUP SPREAD: 1.688

MIN RADIUS: 0.159

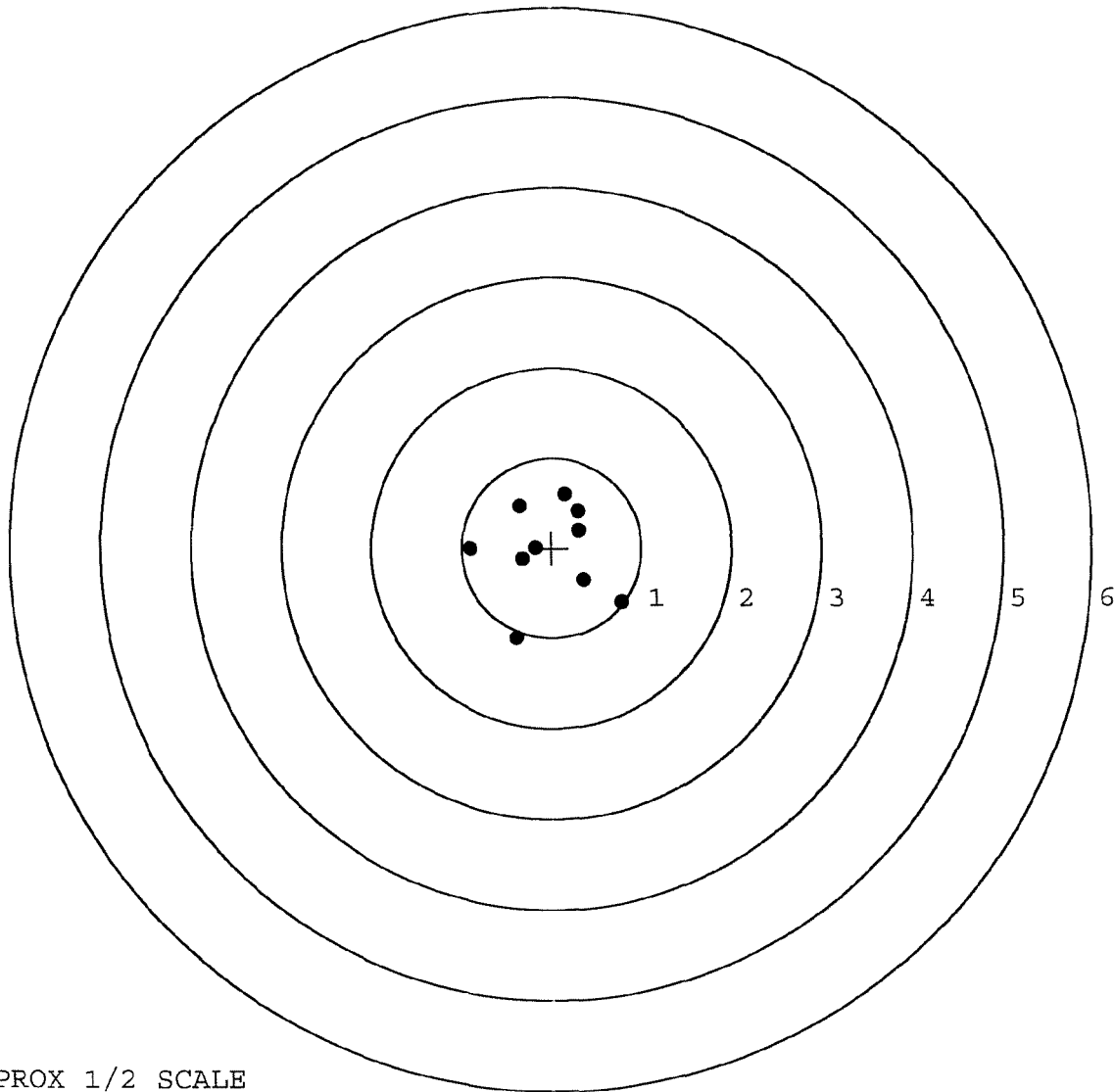
MAX RADIUS: 1.029

MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 4

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	-0.021	-0.027
2:	-0.149	0.143
3:	0.354	-0.161
4:	0.588	0.034
5:	0.713	-0.822
6:	0.063	-0.728
7:	-0.606	-0.180
8:	-1.143	-0.528
9:	0.142	0.523
10:	-0.531	0.820

X CENTROID: -0.059

Y CENTROID: -0.093

POA TO CENTROID: 0.110

HORZ SPREAD: 1.856

VERT SPREAD: 1.642

GROUP SPREAD: 1.879

MIN RADIUS: 0.076

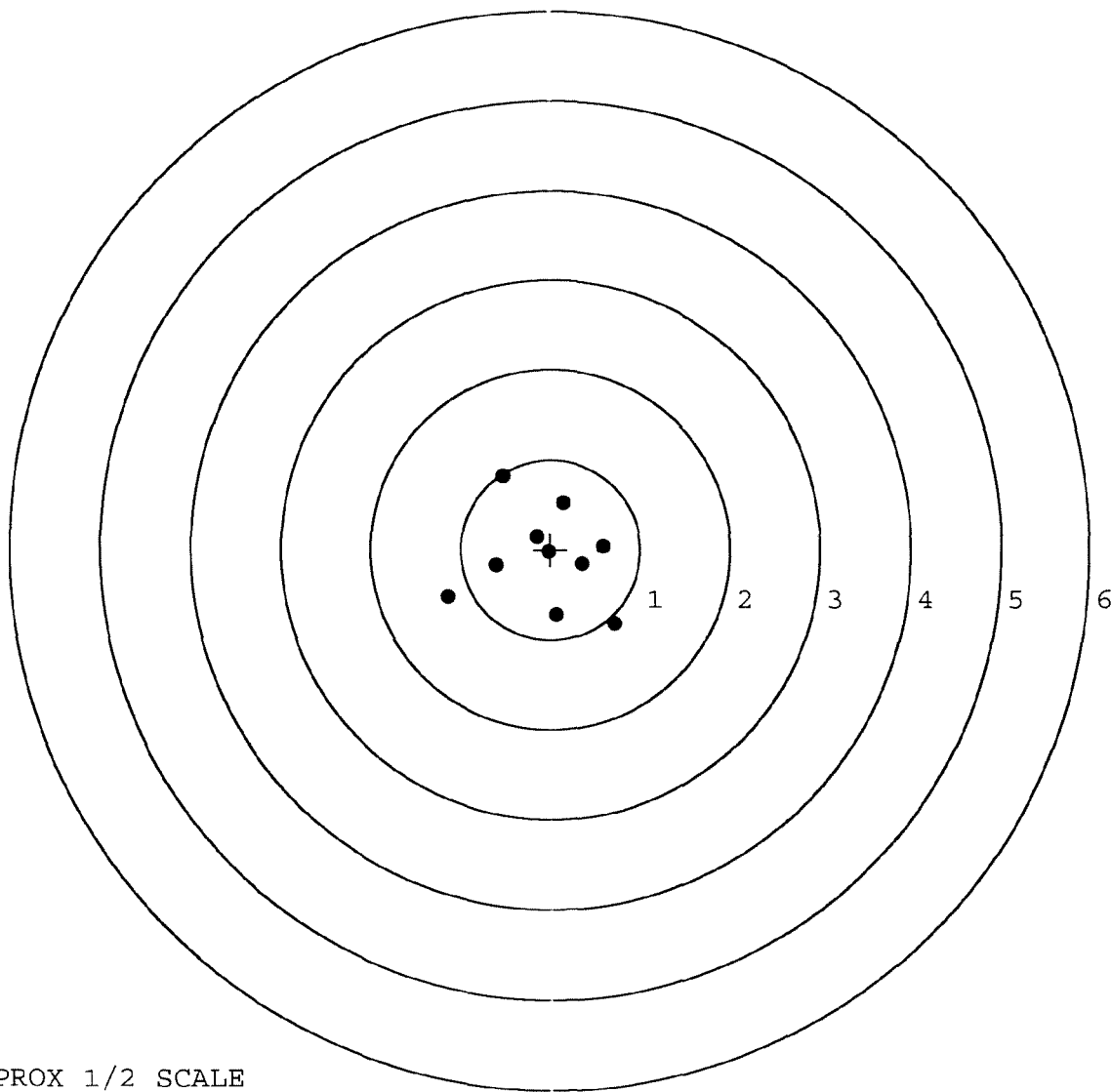
MAX RADIUS: 1.168

MEAN RADIUS: 0.651

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6225141. __0

TARGET NUMBER: 5

FILE DATE: 04/14/2009

FILE TIME: 05:16

POINT#	X	Y
1:	0.953	-1.067
2:	-0.274	-0.882
3:	-0.397	-0.565
4:	0.083	-0.682
5:	0.745	0.045
6:	0.293	-0.007
7:	0.313	0.346
8:	-0.415	0.466
9:	-1.064	0.366
10:	-0.835	0.900

X CENTROID: -0.060

Y CENTROID: -0.108

POA TO CENTROID: 0.123

HORZ SPREAD: 2.017

VERT SPREAD: 1.967

GROUP SPREAD: 2.658

MIN RADIUS: 0.367

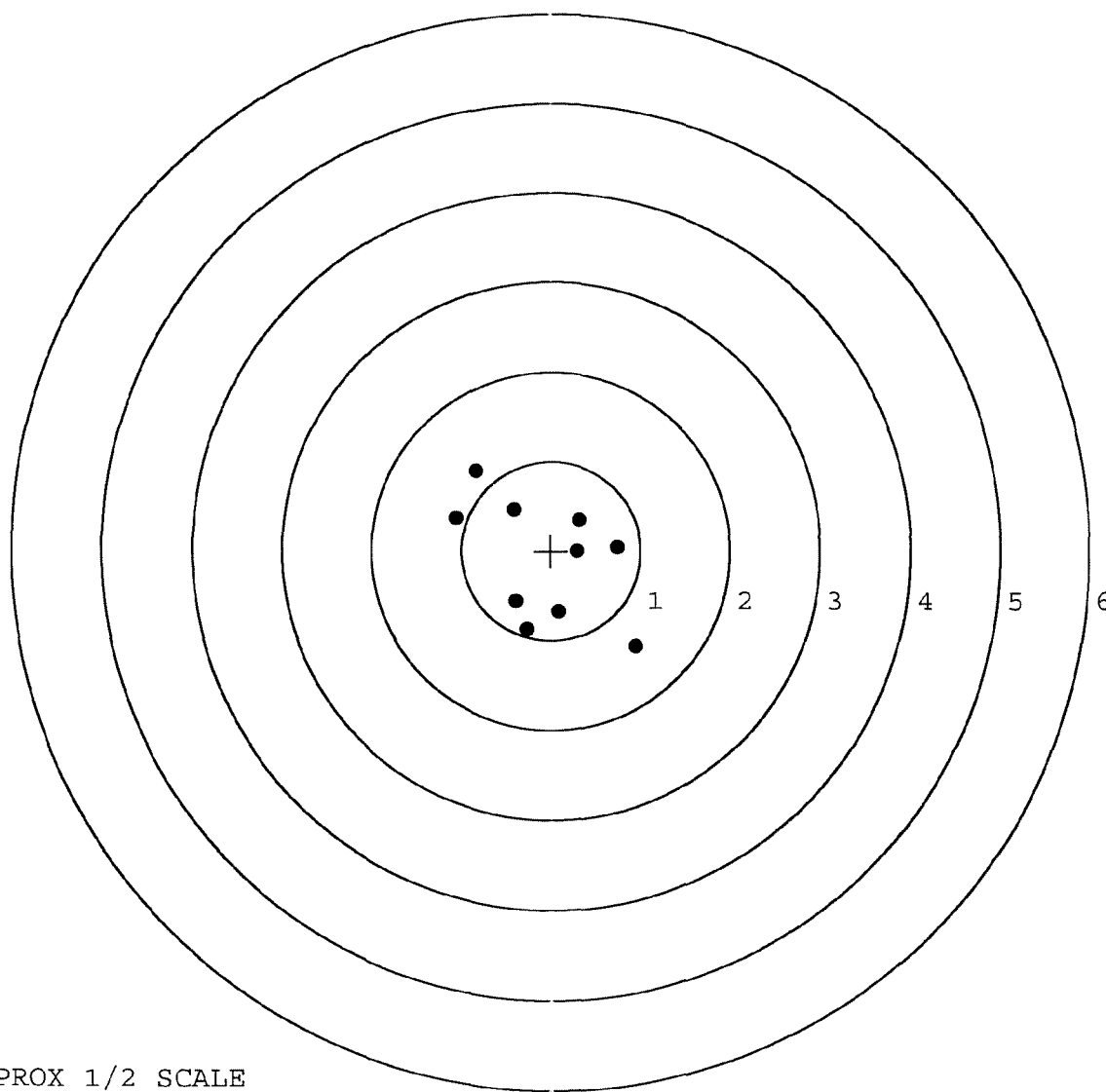
MAX RADIUS: 1.395

MEAN RADIUS: 0.819

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00126630

Serial: C6225141 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 5:38:27 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 7199

BLDG 7199

Address 2: GLIDER ROAD

PO Box:

GLIDER ROAD

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial Number: C6225141

Model: M24 SWS



RE00126630

New Deployment Kit

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225141.___0
FILE DATE AND TIME: 04/12/2007 14:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.219
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.239
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.430
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.410
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.363

SERIAL NUMBER: C6225141. __ 0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 14:55

POINT#	X	Y
1:	0.446	-0.957
2:	-0.098	-0.780
3:	0.866	0.444
4:	-0.168	0.192
5:	-0.440	0.239
6:	-0.389	0.341
7:	-0.836	0.558
8:	-0.713	0.611
9:	-0.477	0.982
10:	-2.021	0.323

X CENTROID: -0.383

Y CENTROID: 0.195

POA TO CENTROID: 0.430

HORZ SPREAD: 2.887

VERT SPREAD: 1.939

GROUP SPREAD: 2.890

MIN RADIUS: 0.072

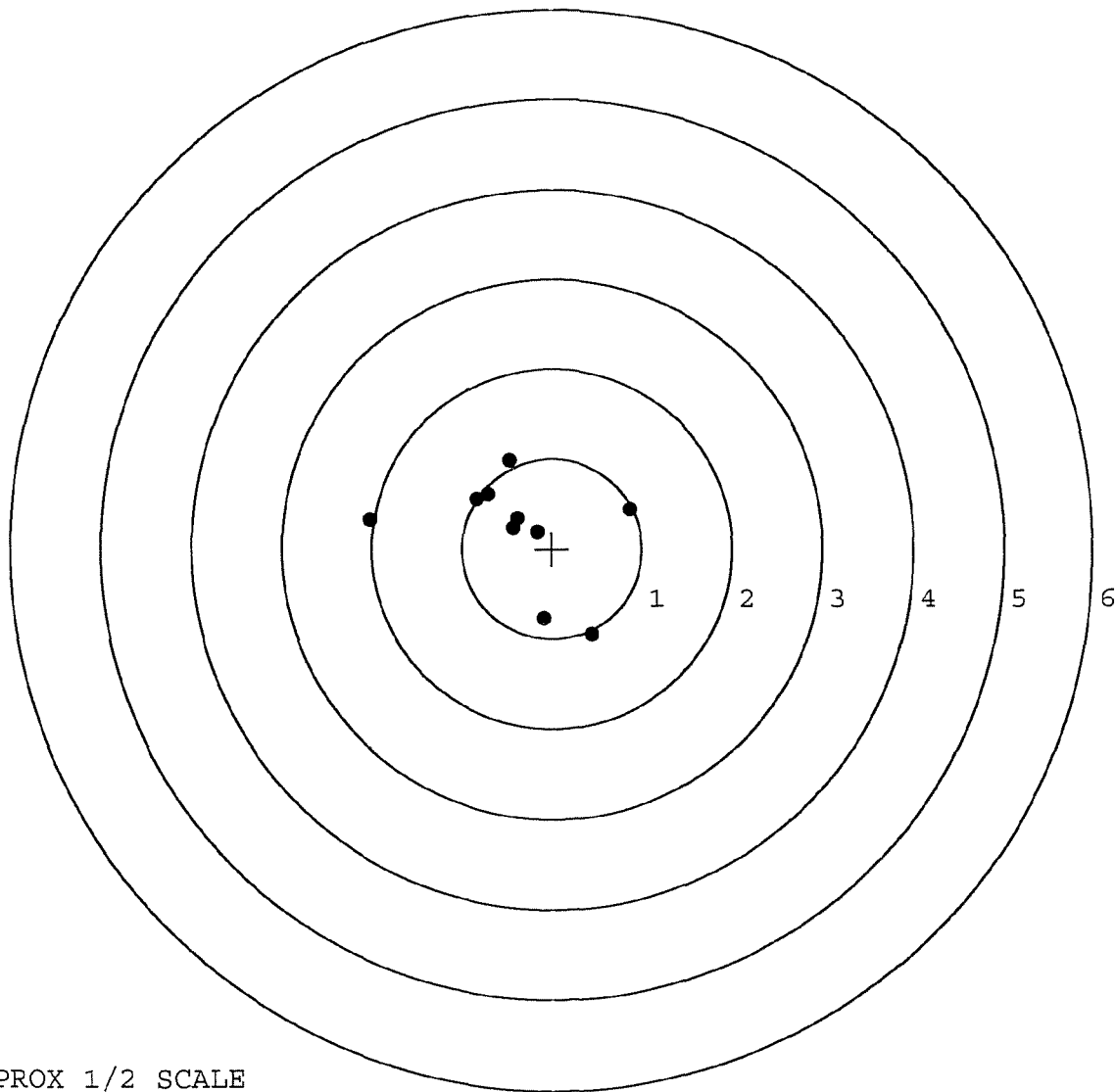
MAX RADIUS: 1.643

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __ 0

TARGET NUMBER: 2

FILE DATE: 04/12/2007

FILE TIME: 14:55

POINT#	X	Y
1:	0.461	-0.417
2:	0.829	0.365
3:	0.408	0.759
4:	-0.002	-0.090
5:	-0.363	-0.769
6:	-0.652	-0.841
7:	-1.148	-0.343
8:	-1.667	0.383
9:	-1.880	0.980
10:	-1.280	1.154

X CENTROID: -0.529

Y CENTROID: 0.118

POA TO CENTROID: 0.542

HORZ SPREAD: 2.709

VERT SPREAD: 1.995

GROUP SPREAD: 2.778

MIN RADIUS: 0.567

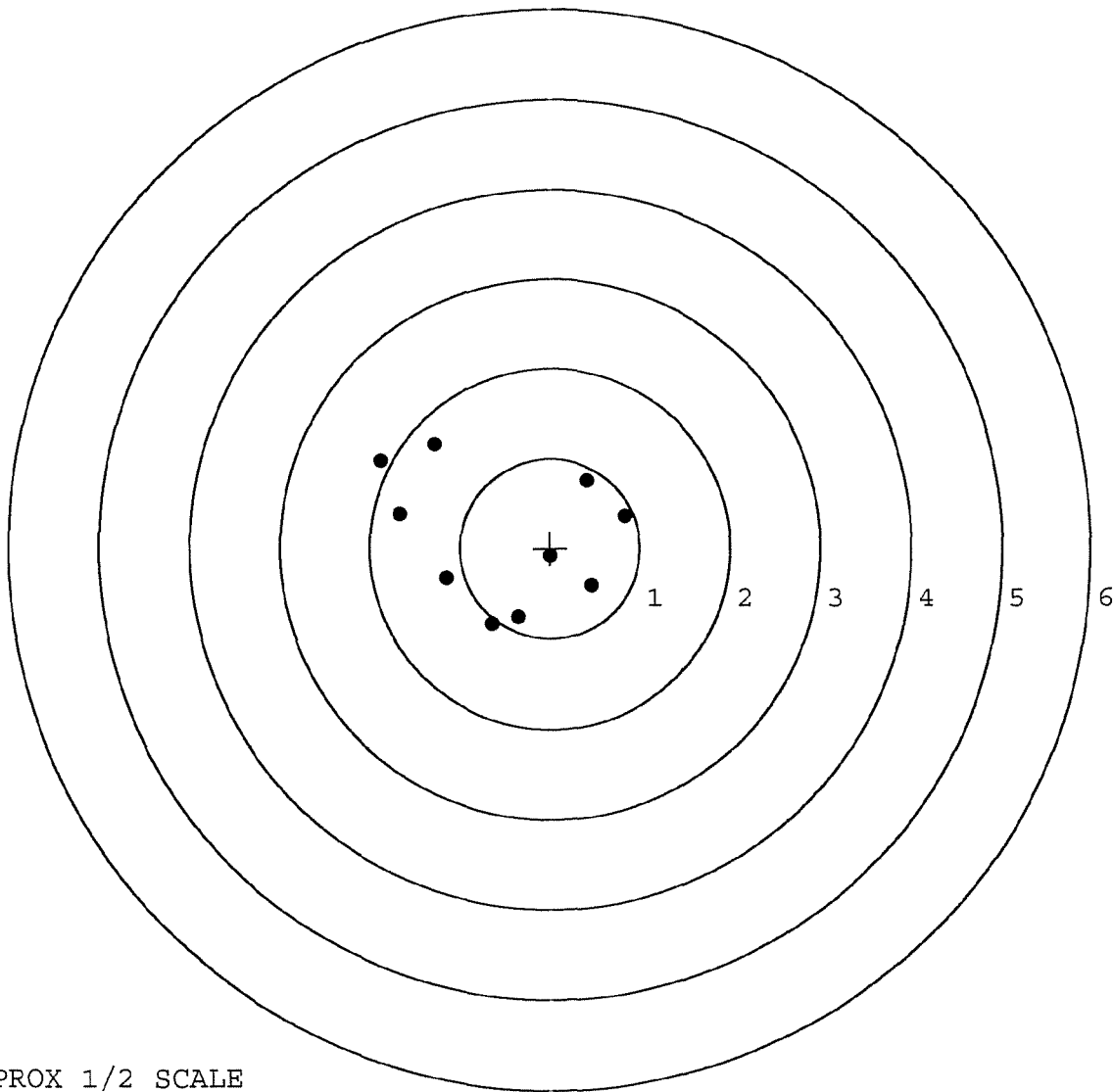
MAX RADIUS: 1.602

MEAN RADIUS: 1.090

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0

TARGET NUMBER: 3

FILE DATE: 04/12/2007

FILE TIME: 14:55

POINT#	X	Y
1:	0.474	-1.363
2:	0.435	0.288
3:	0.313	0.257
4:	-0.396	0.197
5:	-0.467	0.396
6:	-0.698	0.394
7:	-0.321	-0.206
8:	-0.095	-0.040
9:	0.115	-0.004
10:	0.196	-0.273

X CENTROID: -0.044

Y CENTROID: -0.035

POA TO CENTROID: 0.057

HORZ SPREAD: 1.172

VERT SPREAD: 1.759

GROUP SPREAD: 2.112

MIN RADIUS: 0.051

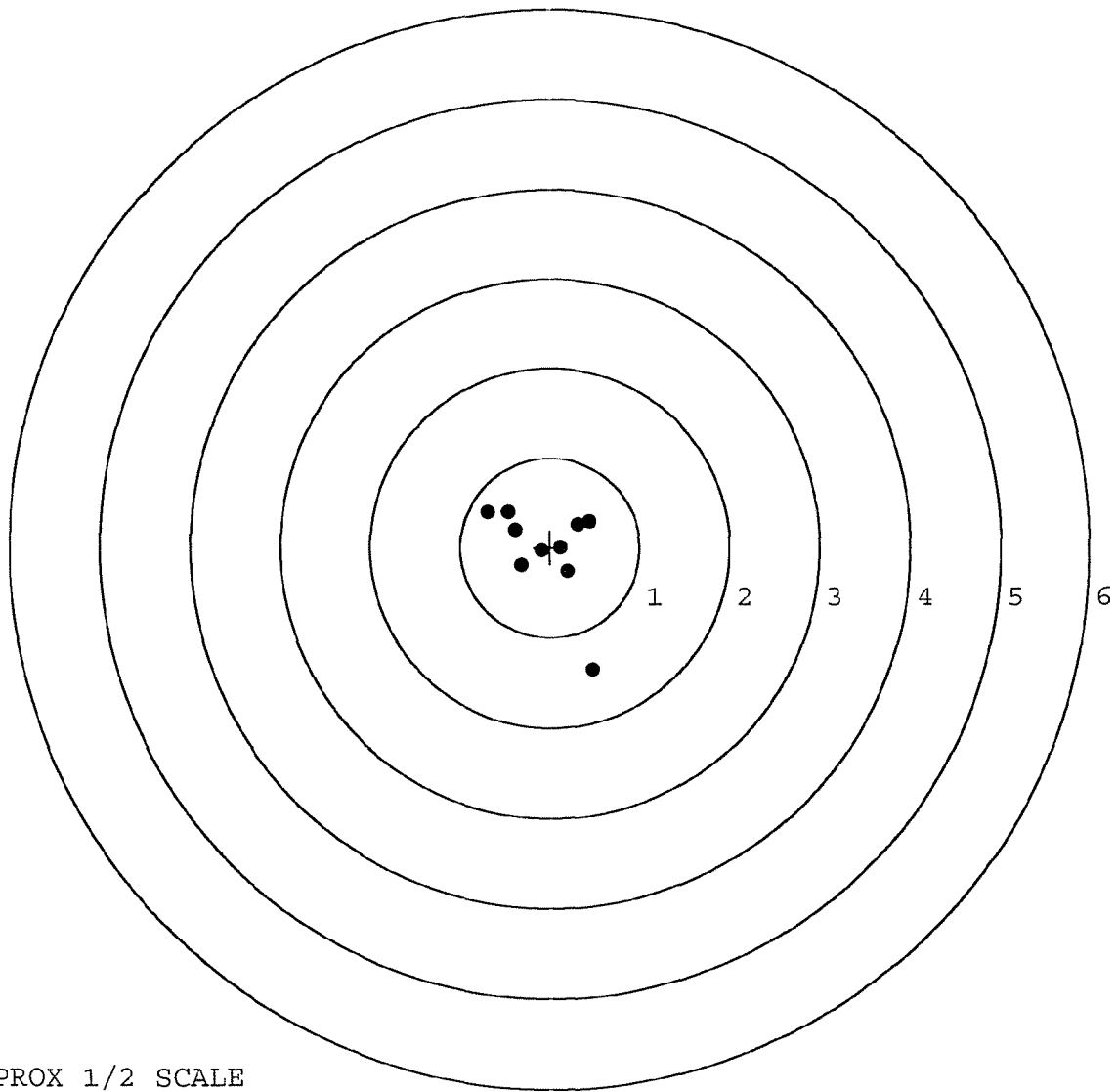
MAX RADIUS: 1.425

MEAN RADIUS: 0.515

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __ 0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 14:55

POINT#	X	Y
1:	-0.904	0.688
2:	-0.136	0.247
3:	0.452	0.063
4:	0.189	0.063
5:	0.321	-0.205
6:	0.106	-0.496
7:	-0.447	-0.342
8:	-0.296	-0.098
9:	-0.443	0.125
10:	-0.050	0.019

X CENTROID: -0.121

Y CENTROID: 0.006

POA TO CENTROID: 0.121

HORZ SPREAD: 1.356

VERT SPREAD: 1.184

GROUP SPREAD: 1.556

MIN RADIUS: 0.072

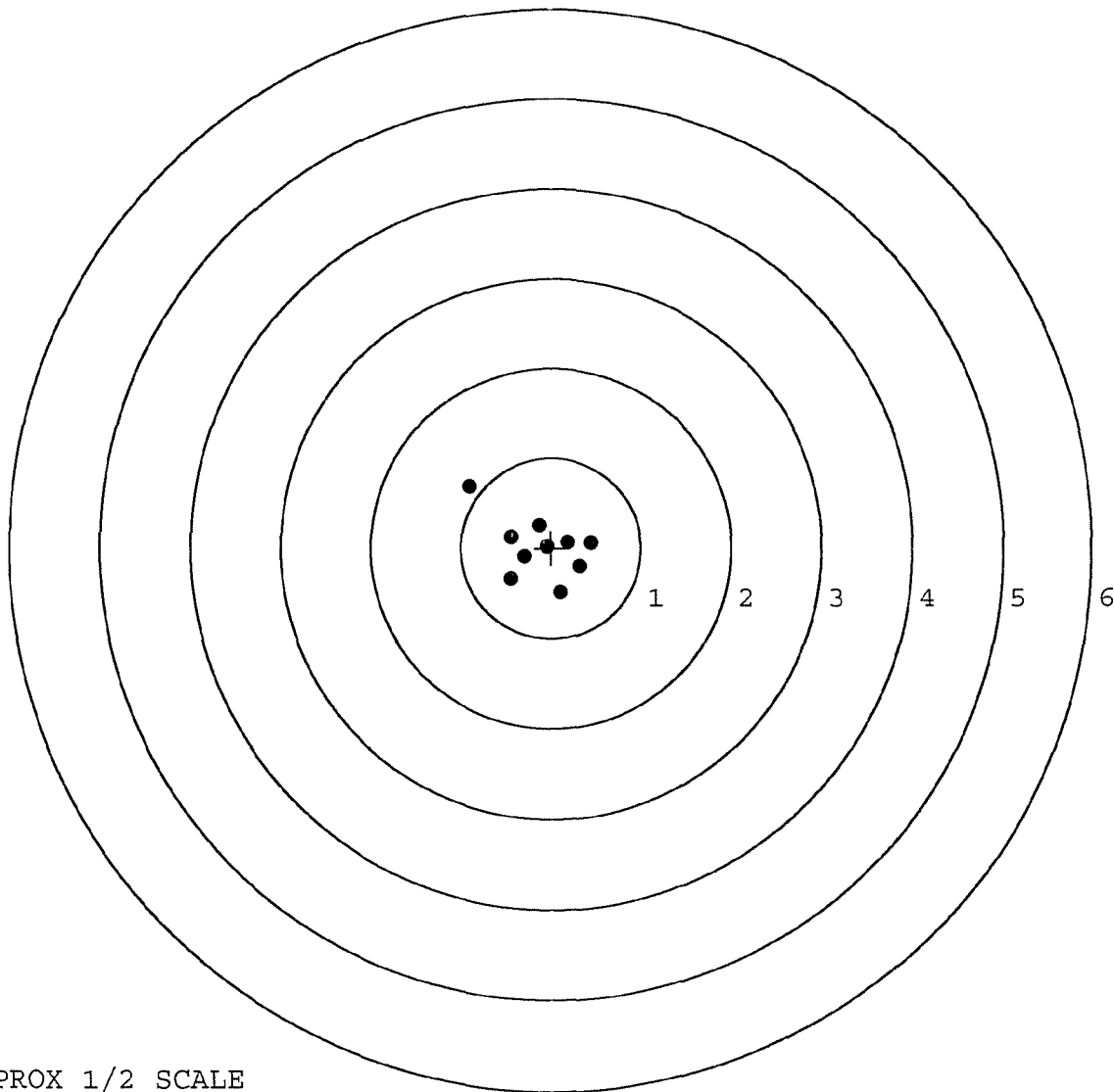
MAX RADIUS: 1.038

MEAN RADIUS: 0.431

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

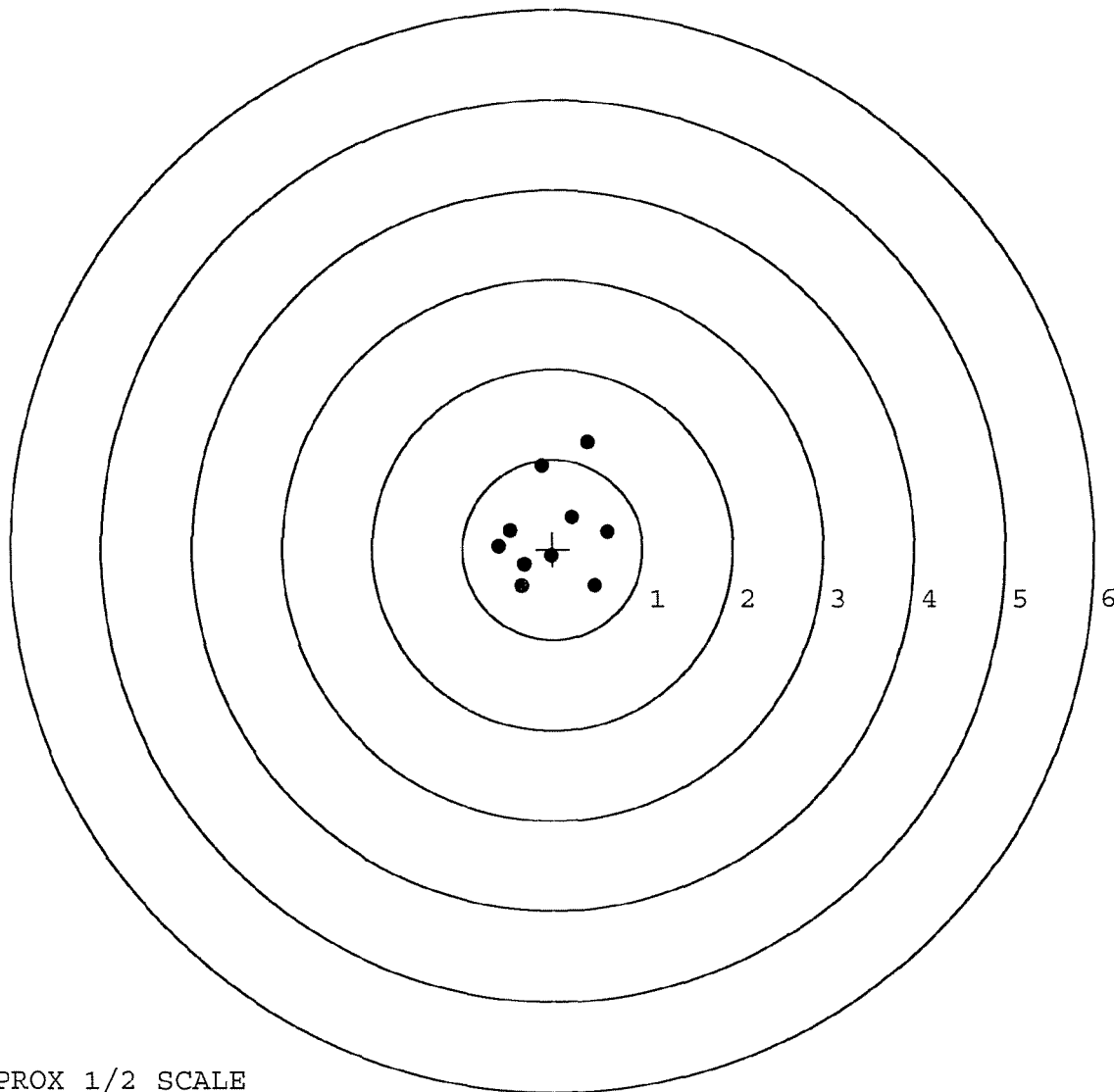


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
 TARGET NUMBER: 5
 FILE DATE: 04/12/2007
 FILE TIME: 14:55

POINT#	X	Y
1:	0.387	1.193
2:	-0.123	0.933
3:	0.213	0.358
4:	0.611	0.199
5:	0.469	-0.401
6:	-0.016	-0.076
7:	-0.351	-0.413
8:	-0.600	0.036
9:	-0.475	0.211
10:	-0.314	-0.167

X CENTROID: -0.020
 Y CENTROID: 0.187
 POA TO CENTROID: 0.188
 HORZ SPREAD: 1.211
 VERT SPREAD: 1.606
 GROUP SPREAD: 1.767
 MIN RADIUS: 0.263
 MAX RADIUS: 1.085
 MEAN RADIUS: 0.599
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	126630		
SERIAL NUMBER	060225141		
LOG-IN DATE	3-16-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-21-07	RTZ
505	RE-BARREL	3-22-07	RTZ
560	ASSEMBLE	3-23-07	RTZ
600	PROOF	3-23-07	TRW
605	CHECK HEADSPACE	INSPECTED 3-23-07	TRW
610	DIS-ASSEMBLE GUN	MAR 26 2007 3-23-07	RTZ
612	MAGNAFLUX	OPERATOR APD 3-26-07	APD
510	DRILL AND TAP	3-23-07	TRW
615	ROLLMARK CALIBER	3-26-07	CW
618	ROTO-BLAST	3-26-07	LB
620	APPLY COATINGS	3-28-07	CW
625	FINAL ASSEMBLY	4-10-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL 4-12-07	TRW
650	TARGET	(PASS) FAIL 4-12-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9/19/07	mon
	A) HEADSPACE	(PASS) FAIL 4/19/07	mon
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.75 2.75 2.65 2.59 2.19 2.29 2.79 2.81 4/19/07	mon
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 7.0 7.0 7.0 4/19/07	mon
	G) SAFETY OFF FORCE	2 LBS MIN 3.0 3.0 3.0 4/19/07	mon
	I) FIRING PIN INDENT	.020	
690	PACK	4-21-07	RTZ

BARBER - M24 0049896

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

Repair Inquiry

Repair Number: **RE00083853** Serial: C6225141 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 8/17/2004 9:26:01 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **ISSD ARMS ROOM** **ISSD ARMS ROOM**

Address 1: **BLDG 5210** **BLDG 5210**

Address 2: **PO Box:** **PO Box:**

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1
A045	Bi Pod	1

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

loglet 8/17/2004 9:37 AM CAPS NUM INS SCPL

start 3 4 4000

Serial: **C6225141**

Model: **M24 SWS**



RE00083853

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225141.___0
FILE DATE AND TIME: 09/09/2004 08:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.062
The Average Y Centroid of the Five Target Set:	0.043
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.887
The Distance from POA to Centroid Target #1:	0.249
The Distance from Centroid Target #2 to Centroid Target #1:	0.053
The Distance from Centroid Target #3 to Centroid Target #1:	0.462
The Distance from Centroid Target #4 to Centroid Target #1:	0.269
The Distance from Centroid Target #5 to Centroid Target #1:	0.415

SERIAL NUMBER: C6225141. __0

TARGET NUMBER: 1

FILE DATE: 09/09/2004

FILE TIME: 08:08

X CENTROID: -0.071

Y CENTROID: 0.239

POA TO CENTROID: 0.249

HORZ SPREAD: 1.896

VERT SPREAD: 3.455

GROUP SPREAD: 3.463

MIN RADIUS: 0.208

MAX RADIUS: 2.060

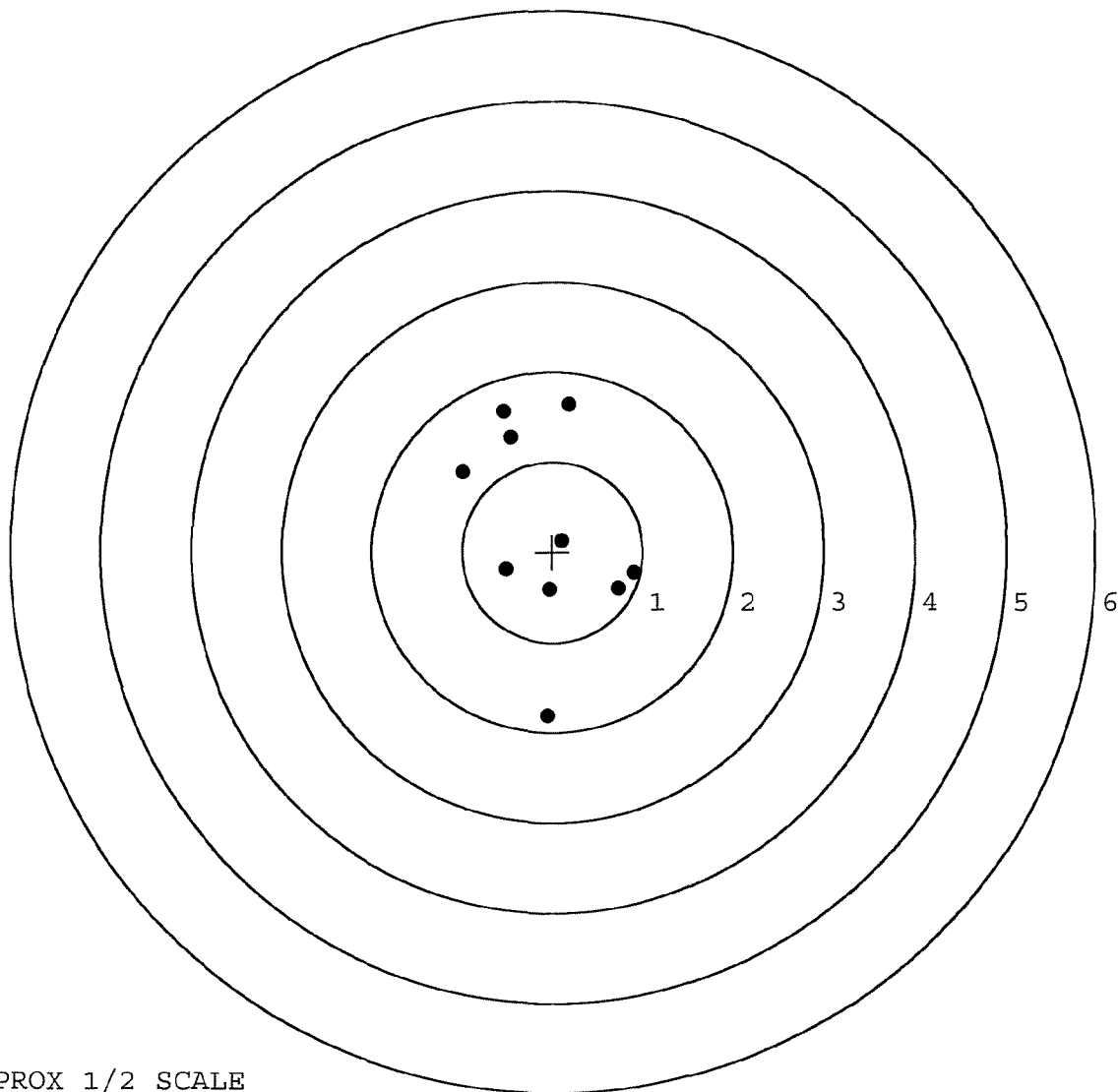
MEAN RADIUS: 1.070

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.900	-0.232
2:	0.728	-0.405
3:	-0.057	-1.821
4:	-0.040	-0.418
5:	0.100	0.121
6:	-0.515	-0.197
7:	-0.996	0.884
8:	-0.472	1.268
9:	-0.543	1.555
10:	0.180	1.634



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __ 0

TARGET NUMBER: 2

FILE DATE: 09/09/2004

FILE TIME: 08:08

X CENTROID: -0.069

Y CENTROID: 0.185

POA TO CENTROID: 0.198

HORZ SPREAD: 2.065

VERT SPREAD: 2.862

GROUP SPREAD: 2.930

MIN RADIUS: 0.271

MAX RADIUS: 1.574

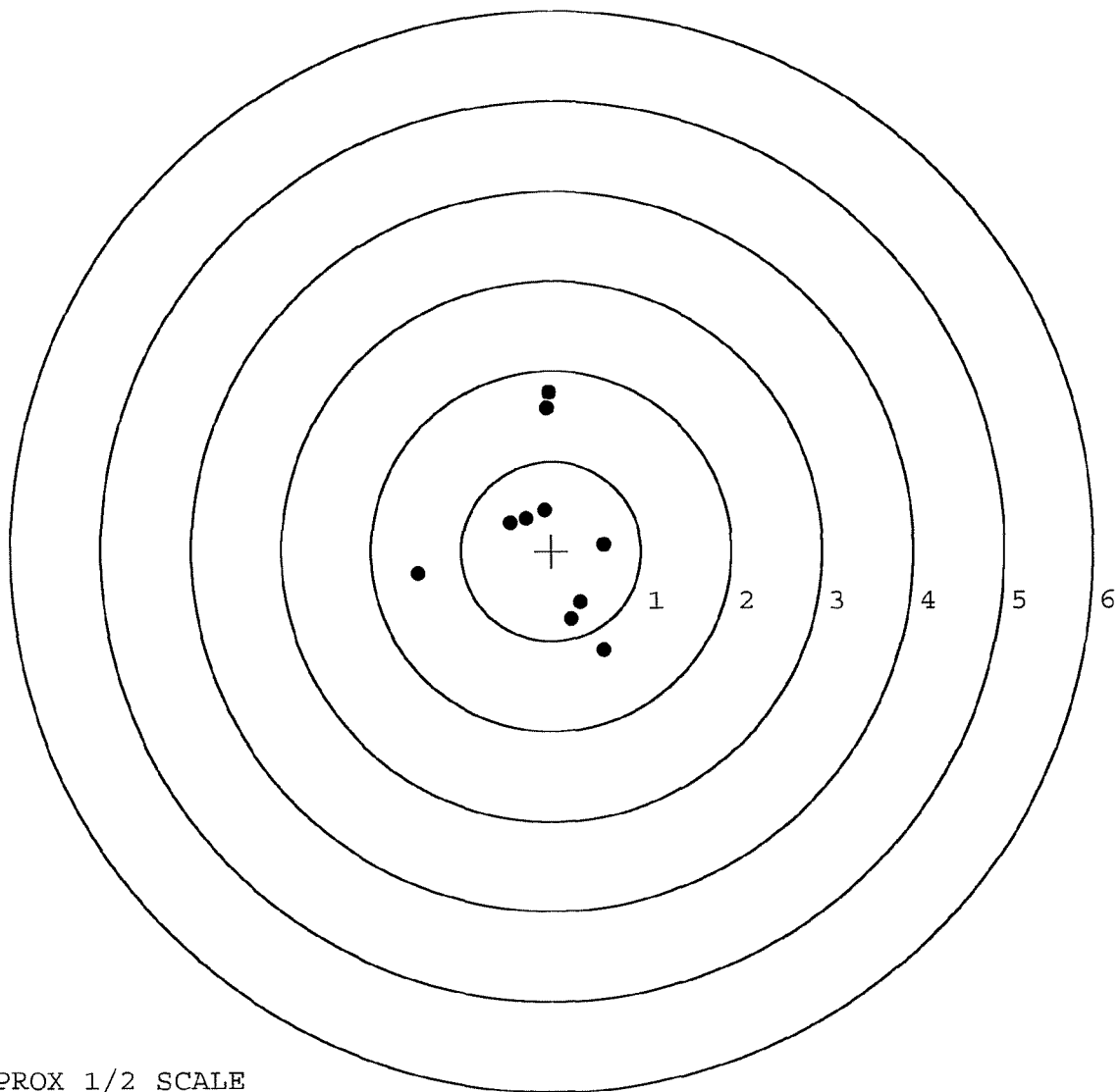
MEAN RADIUS: 0.937

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.591	-1.103
2:	0.215	-0.763
3:	0.323	-0.572
4:	0.589	0.076
5:	-0.084	0.456
6:	-0.287	0.365
7:	-0.461	0.315
8:	-1.474	-0.258
9:	-0.063	1.580
10:	-0.037	1.759

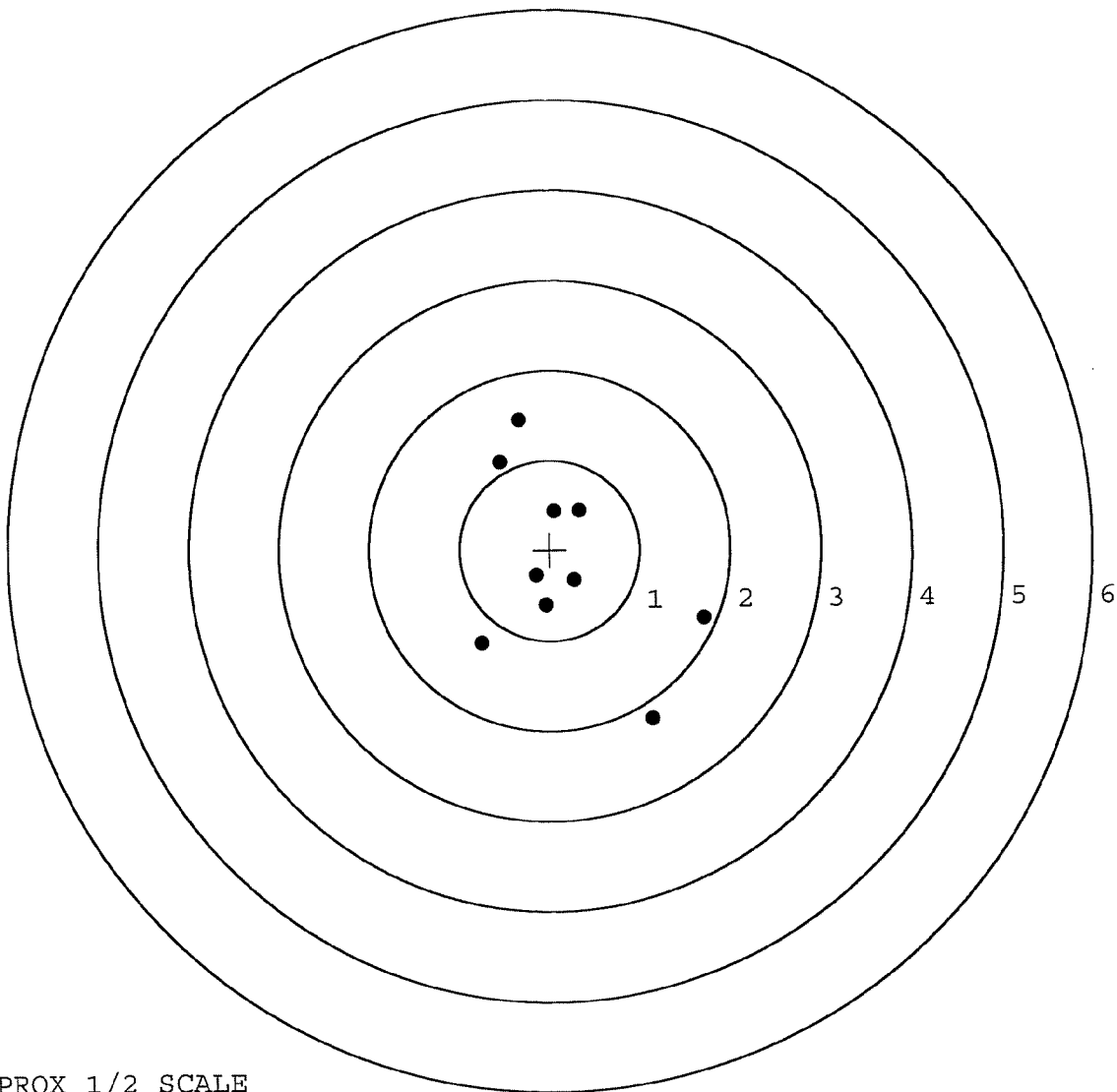


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
 TARGET NUMBER: 3
 FILE DATE: 09/09/2004
 FILE TIME: 08:08

POINT#	X	Y
1:	1.131	-1.875
2:	1.701	-0.764
3:	-0.764	-1.025
4:	-0.051	-0.612
5:	-0.159	-0.285
6:	0.272	-0.339
7:	0.331	0.440
8:	0.047	0.427
9:	-0.550	0.985
10:	-0.339	1.452

X CENTROID: 0.162
 Y CENTROID: -0.160
 POA TO CENTROID: 0.227
 HORZ SPREAD: 2.465
 VERT SPREAD: 3.327
 GROUP SPREAD: 3.637
 MIN RADIUS: 0.210
 MAX RADIUS: 1.970
 MEAN RADIUS: 1.020
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

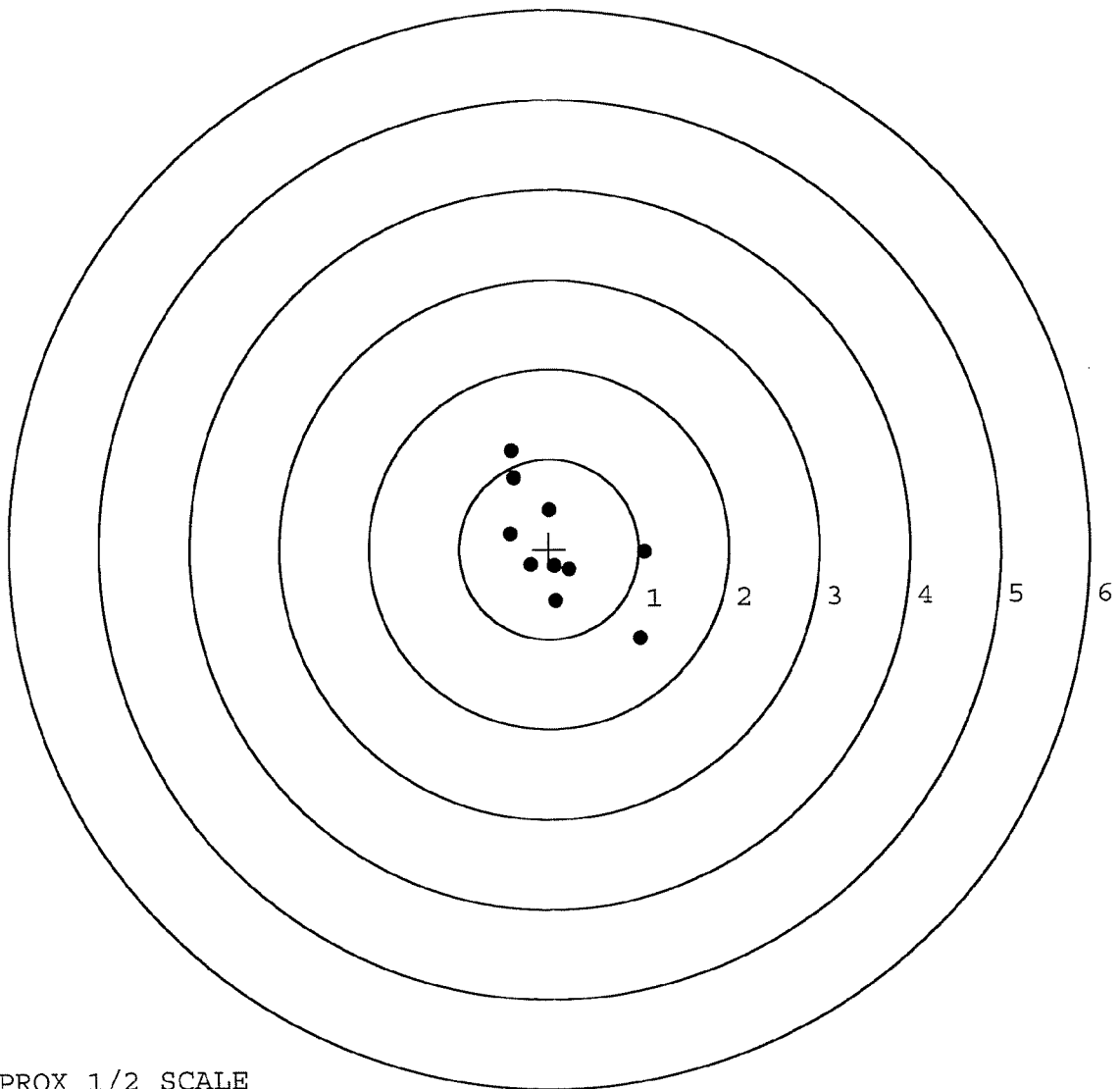


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __0
 TARGET NUMBER: 4
 FILE DATE: 09/09/2004
 FILE TIME: 08:08

POINT#	X	Y
1:	1.007	-1.002
2:	1.065	-0.042
3:	0.071	-0.578
4:	0.224	-0.229
5:	0.059	-0.190
6:	-0.207	-0.176
7:	-0.439	0.178
8:	-0.003	0.435
9:	-0.392	0.796
10:	-0.418	1.097

X CENTROID: 0.097
 Y CENTROID: 0.029
 POA TO CENTROID: 0.101
 HORZ SPREAD: 1.504
 VERT SPREAD: 2.099
 GROUP SPREAD: 2.537
 MIN RADIUS: 0.222
 MAX RADIUS: 1.375
 MEAN RADIUS: 0.690
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

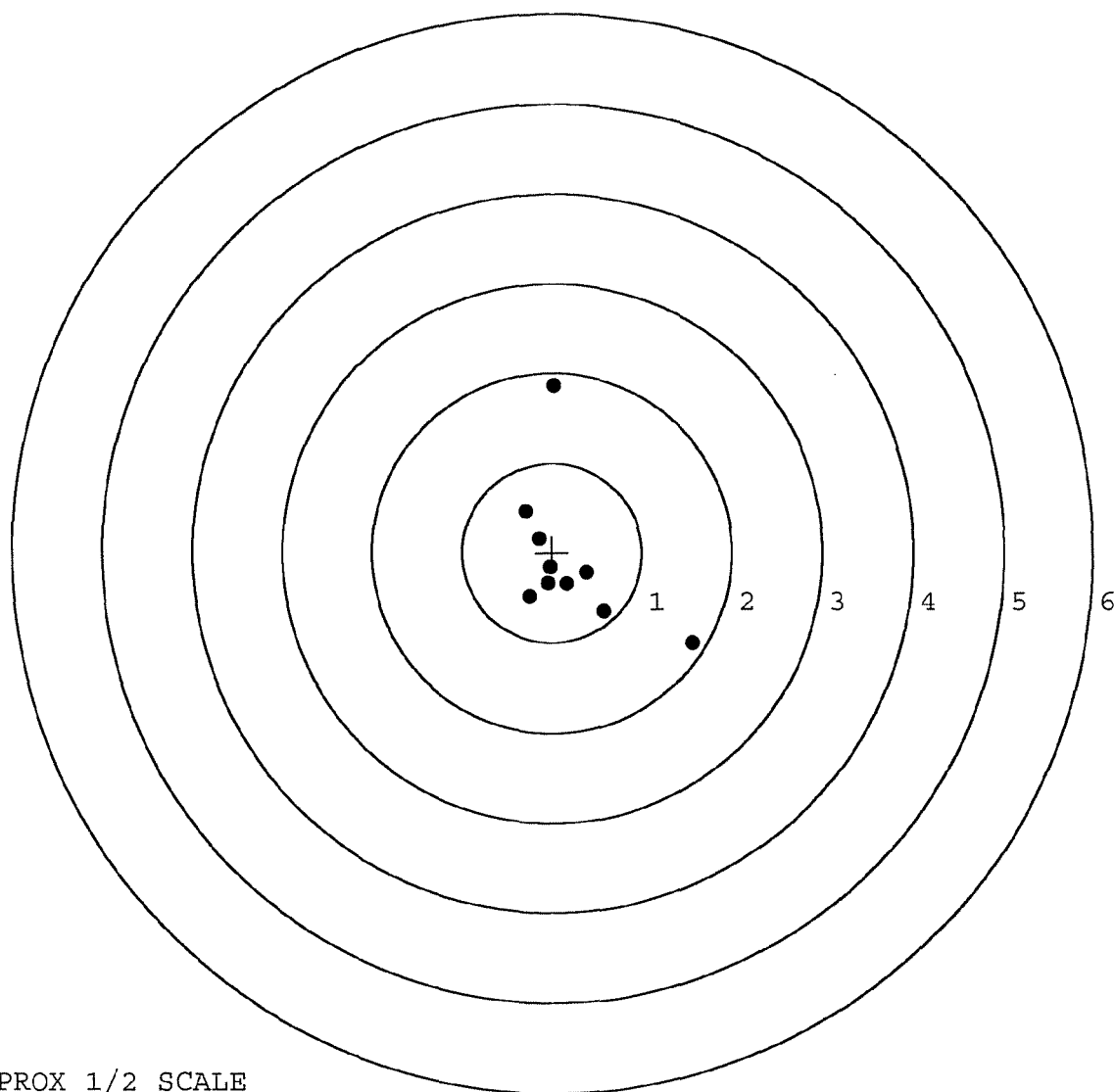


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225141. __ 0
 TARGET NUMBER: 5
 FILE DATE: 09/09/2004
 FILE TIME: 08:08

POINT#	X	Y
1:	1.563	-1.013
2:	0.580	-0.657
3:	0.021	1.857
4:	-0.300	0.461
5:	-0.142	0.155
6:	0.381	-0.227
7:	-0.255	-0.494
8:	-0.051	-0.351
9:	0.164	-0.359
10:	-0.023	-0.172

X CENTROID: 0.194
 Y CENTROID: -0.080
 POA TO CENTROID: 0.210
 HORZ SPREAD: 1.863
 VERT SPREAD: 2.870
 GROUP SPREAD: 3.258
 MIN RADIUS: 0.236
 MAX RADIUS: 1.945
 MEAN RADIUS: 0.717
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN

INITIAL ~~BARBER - M24 0049903~~

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 8-16-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.18	2.23		2.35	
PULL #2	2.31	2.62		2.28	
PULL #3	2.35	2.69		2.18	
PULL #4	2.35	2.74		2.37	
PULL #5	2.35	2.63		2.37	
TOTAL	11.54	12.91		11.55	
AVERAGE	2.30	2.58		2.31	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.07		
PULL #2	3.26	3.07		
PULL #3	3.26	3.10		
PULL #4	3.10	3.08		
PULL #5	3.10	3.05		
TOTAL	15.83	15.37		
AVERAGE	3.16	3.07		

	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	4.24	4.29		4.25
PULL #2	4.46	4.34		4.32
PULL #3	4.33	4.27		4.38
PULL #4	4.28	4.32		4.22
PULL #5	4.44	4.44		4.31
TOTAL	21.75	21.66		21.48
AVERAGE	4.35	4.33		4.29

R & E NUMBER	83853		
SERIAL NUMBER	C6225141		
LOG-IN DATE	8-17-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP	8-24-04	TRLW
575	ASSEMBLE MAGNA-FLUX		
600	PROOF INSPECTED		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-25-04	SB
618	ROTO-BLAST	8-26-04	LB
620	APPLY COATINGS	9/2/04	HP
625 A	FINAL ASSEMBLY	9-8-04	RW
B	TRIGGER PULL TEST	9-13-04	LR
C	SAFETY "ON" FORCE	9-13-04	LR
D	SAFETY "OFF" FORCE	9-13-04	LR
E	FIRING PIN INDENT		
640	TARGET	9-9-04	TRLW
655	FINAL INSPECT		
660	PACK	9-30-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		



LEUPOLD®

Dear Customer:

The services that have been performed on your product are explained below.

- X **Mechanical Inspection** To insure total travel for windage and elevation adjustment in your scope, we use a calibration instrument called a "Collimator." The windage and elevation adjustments were completely cycled and we have verified that they have total travel. A specialist in our service department has checked your scope for image jump and drift, loss of motion, parallax, and image quality. All tests show your scope is mechanically sound.

- Complete Internal Inspection** To return your scope to an "as new" condition, a specialist in our service department has removed all internal parts. The specialist has checked cam followers, screws, lens and pivot tube slots. After careful inspection your scope has been reassembled to an as new condition.

- X **Visual Inspection** Our experienced specialist has carefully inspected your scope for any irregularities inside and outside. This inspection includes a thorough lens inspection. Your scope was found to be completely sound and functional.

Yours truly,

L&S Technical Service Specialist

BARBER M24 0049906

COMMENTS

ORDER

R 98-03809

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 4

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/10/98
ACCESSORIES

02/10/98

C6225141

700 7.62

NATO

FROM:

SHIP TO:

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY 42223

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY 42223

CUST NO:087942 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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

FD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049906

BARBER - M24 0049907 U.S. GOVERNMENT BILL OF LADING						SHIPPING ORDER		B/L NO. G-7687964		
1. TRANSPORTATION COMPANY TENDERED TO BOYLE, T F TRANSPORTATION, INC				2. SCAC BYLE		3. DATE B/L PREPARED 98.02.03		4. ROUTE ORDER/RELEASE NUMBER 7YBCAH1HTA		
5. DESTINATION (Name, address and ZIP code) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357				6. SPLC (Dest.) 172856000		8. ORIGIN (Name, address and ZIP code) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294				
				7. SPLC (Orig.) 297980251						
9. CONSIGNEE (Name, address and ZIP code of installation) REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357				10. GBLOC (Cons.) IOOI CMAH2W		11. SHIPPER (Name, address and ZIP code) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294 W34GNA				
12. APPROPRIATION CHARGEABLE SEE DESCRIPTION OF ARTICLES						13. BILL CHARGES TO (Dept./agency, bureau/office mailing address and ZIP code) DEFENSE FINANCE AND ACCOUNTING SVC INDIANAPOLIS CENTER TRANSPORTATION OPS. (DFAS-I-THA) INDIANAPOLIS, IN 46249-0611				
14. VIA (Route shipment when advantageous to the Government)						AGENCY LOC CODE W53QRD				
15. MARKS AND ANNOTATIONS EQUIPMENT 001 DN : DUAL DRIVER PROTECTIVE SERVICE WI SM : DTTS SATELLITE MOTOR SURVEILLANCE SO : STOP-OFF IN TRANSIT (108) DUAL DRIVER PROTECTIVE SERVICE WITH NATIONAL AGENCY CHECK REQUESTED. SIGNATURE AND TALLY RECORD (DD FORM TP:3 DDD:98.02.05 FAAT-01-8007001-01 1907) FURNISHED TO CARRIER. (111) SHIPPER TO LOAD AND CONSIGNEE TO UNLOAD. (112) FLAME OR HEAT PRODUCING TOOLS WILL SEE DESCRIPTION OF ARTICLES										
16. PACKAGES		17. HM	18. DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description)			19. WEIGHT* (Pounds only)		FOR USE OF BILLING CARRIER ONLY		
NO.	KIND							Services	Rate	
4	PT		CLASSIFICATION ITEM NO. 069300 THIS BL CONSISTS OF 5 PAGES FAK (SEE MFTRP 1A FOR CARGO LIABILITY) TOT QTY:1070 P CU:145.8 SEE CONTINUATION SHEET FOR DETAILS			1070				
								TOTAL CHARGES		
20. TARIFF/SPECIAL RATE AUTHORITY BYLE 002310-00			21. PICKUP SERV. FURNISHED ☐ YES VEHICLE FULLY LOADED ☐ YES			SHIPPER'S INITIALS		22. CARRIER WAY/FREIGHT BILL NO. AND DATE 49871. ILION, NY		
23. STOP THIS SHIPMENT AT SEE CONTINUATION SHEET FOR:			24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS							
			INITIALS & NO.		SEAL NUMBERS		LENGTH/CUBE		MARKED CAPACITY	
			BYLE:4803		1011228		ORDERED FURNISHED		ORDERED FURNISHED	
					APPLIED BY: SHIPPER				98.02.03	
25. CARRIER'S PICKUP DATE (Year, month, & day) 98.02.03			26a. SIGNATURE OF AGENT 				26b. PER BYLE		B/L NUMBER G-7687964	
27. MODE B	28. ESTIMATE 2227	29. NO. OF CLS/TLS 1	30. TYPE RATE 1	31. PSC DN :S	32. REASON 13:156					
Received by the transportation company named above, subject to the regulations published in Title 41, Part 101-41 Of the federal regulations, the property hereinafter described, in apparent good order and condition (contents and value unknown), to be forwarded to destination by the said company and connecting lines, there to be delivered in like good order and condition to said consignee.										
FOR USE OF ISSUING OFFICE						IMPORTANT				
33a. ISSUING OFFICE (Name and complete address) TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294						33b. GBLOC FAAT				
33c. ISSUING OFFICER MICHAEL F. BOWERS, CHIEF. ITO						33e. DATED				
33d. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY										
33f. FOB POINT NAMED IN CONTRACT										

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1104-121-01

PINK

STANDARD FORM 1104-EP (EFF. 6/96)
PRESCRIBED BY GSA, FPMR (41 CFR) 101-41.3

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

BARBER - M24 0049907

U.S. GOVERNMENT BILL OF LADING
CONTINUATION SHEETSHIPPING
ORDERB/L
NO.

G-7687964

SHEET NO.

5 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM (Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		FINAL DESTINATION <i>ILHCO N.Y.</i> TCN: W34QTQ80153700XXX CU:31.0 FUND CITE/TAC: CSAD COMMODITY: 999913 RIFLE, SNIPER M24 SWS NSN: 1005-01-240-2136 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL	250			
1	PT		FINAL DEST TOTALS (UNLOADING) CU:31.0 =====	250			
			MARKS & ANNOTATIONS: NOT BE USED TO REMOVE SECURITY DEVICES. (114) CARRIER TO NOTIFY CONSIGNEE REMINGTON ARMS (DUTY PHONE (315) 894-9961 AV-835-3369, NON-DUTY PHONE (757) 878-5006) AND CONSIGNOR TRANSPORTATION OFFICER, FT CAMPBELL (DUTY PHONE (502) 798-7154 AV-635-7154, NON-DUTY PHONE (502) 798-9793) IMMEDIATELY IF SHIPMENT IS DELAYED EN ROUTE BECAUSE OF AN ACCIDENT OR INCIDENT. IF NEITHER CAN BE REACHED, CONTACT MTMC EASTERN AREA AT HOTLINE (800) 524-0331. USE HOTLINE NUMBER TO OBTAIN SAFE HAVEN OR REFUGE INSTRUCTIONS IN THE EVENT OF A CIVIL DISORDER, NATURAL DISASTER, CARRIER STRIKE OR OTHER EMERGENCY. (337) SATELLITE MOTOR SURVEILLANCE SERVICE (SM) REQUESTED. IN EVENT OF SYSTEM FAILURE, DRIVER MUST IMMEDIATELY NOTIFY THE MOTOR CARRIER'S DISPATCHER WHO WILL IMMEDIATELY NOTIFY DTTS AT 1-(800)-826-0794. THE DRIVER MUST SUBSEQUENTLY PROVIDE DTTS A TELEPHONIC LOCATION/STATUS REPORT EVERY FOUR (4) HOURS, WITH A FINAL TELEPHONIC REPORT UPON DELIVERY AT DESTINATION. (367) THIS SHIPMENT MUST NOT BE TRANSPORTED IN TRIP-LEASED EQUIPMENT. THIS IS A DTTS SHIPMENT! =====				
			BLOCK 24 EQUIPMENT DESCRIPTION CONT.: TRACTOR: 133				

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00409008 49947

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

SHIPPING
ORDERB/L
NO.

G-7687964

SHEET NO.

2 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM(Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		STOP-OFF: 01 (UNLOADING) TRANSPORTATION OFFICER NEW CUMBERLAND ARMY DEPOT ATTN: SDSNC-TT NEW CUMBERLAND, PA 17070-5001 SPLC: 209405250 CALL FOR A DELIVERY APPOINTMENT 24 HOURS IN ADVANCE CALL FOR AN APPINTMENT FOR DELIVERY, PH: (717)770-6969 OR 7172. DELIVER ONLY THRU SOUTH GATE RECEIVING HOURS 0715 TO 1400 HOURS TCN: W34QS673093103XXX CU:33.0 FUND CITE/TAC: CSAD DIM: 0051L0043W0026H COMMODITY: 999913 NSN: 5855-01-398-4315 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL	250			
1	PT		STOP-OFF 01 TOTALS (UNLOADING)CU:33.0 RECEIVED BY: _____ DATE.....: _____	250			

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049909 49948

U.S. GOVERNMENT BILL OF LADING
CONTINUATION SHEETSHIPPING
ORDERB/L
NO.

G-7687964

SHEET NO.

3 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM (Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		STOP-OFF: 02 (UNLOADING) COMSEC SUPPORT TOBYHANNA ARMY DEPOT BLDG 73, 11 MIDWAY RD TOBYHANNA, PA 18466-5110 SPLC: 202230270 TCN: W34XC572930302XXX CU:43.8 FUND CITE/TAC: CSAD DIM: 0050L0042W0036H COMMODITY: 999913 TSEC/KG-84A NSN: 5810-01-146-3260 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL SN: 113794, 116757, 73368, 114715, 114899, 116745	300			
1	PT		STOP-OFF 02 TOTALS (UNLOADING)CU:43.8 RECEIVED BY: _____ DATE.....: _____	300			

*Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049949

U.S. GOVERNMENT BILL OF LADING CONTINUATION SHEET

SHIPPING
ORDERB/L
NO.

G-7687964

SHEET NO.

4 OF 5

(This form is to be used as a continuation sheet for SF 1104, U.S. Government Bill of Lading- Shipping Order, or SF 1204, U.S. Government Bill of Lading - Privately Owned Personal Property- Shipping Order.)

ISSUING OFFICE (Name and complete address)

TRANSPORTATION OFFICER
FORT CAMPBELL KY
ATTN: AFZB-DL-TO, BLDG 873
FORT CAMPBELL, KY 42223-1294

TRANSPORTATION COMPANY TENDERED TO

BOYLE, T F

FROM (Shipping Point)

W34GNA
297980251

WAYBILL DATE

WAYBILL NUMBER

PACKAGES		HM	DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible; otherwise use a clear nontechnical description.)	WEIGHT* (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND				SERVICES	RATE	CHARGES
1	PT		STOP-OFF: 03 (UNLOADING) TRANSPORTATION OFFICER DEF DISTRIBUTION DEPOT TOBYHANNA 11 MIDWAY ROAD, BLDG 1C, BAY 6 REC TOBYHANNA, PA 18466-5092 SPLC: 202230250 CARRIER MUST PHONE (717)895-7354 TO SCHEDULE A DELIVERY APPOINTMENT TCN: W34XC573490525XXX CU:38.0 FUND CITE/TAC: CSAD COMMODITY: 999913 NSN: 5820-01-318-7990 APPRO: 21 820200000076020204200000022NLO 15056 CSAD00GBL	270			
1	PT		STOP-OFF 03 TOTALS (UNLOADING)CU:38.0 RECEIVED BY: _____ DATE.....: _____	270			

* Show also cubic measurements for shipments via air, truck or water carrier in cases where required.

1110-114

PINK

STANDARD FORM 1110, (REV. 4-85)
PRESCRIBED BY GSA, FPMR(41 CFR) 101-41.3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049941

M2400049950

SIGNATURE AND TALLY RECORD

FORM APPROVED
OMB No. 0702-0027
Expires Oct 31, 1988

DISTRIBUTION INSTRUCTIONS

- * The SHIPPER will prepare copies 1 through 4, retain copy 4 and deliver copies 1 through 3 to the Origin Carrier.
- * The CARRIER will deliver copies 1 through 3 to the Destination Carrier.
- * The DESTINATION CARRIER will attach copy 1 (reflecting all signatures) and Standard Form 1113 (Public Voucher for Transportation Charges) to the original Government Bill of Lading, and forward for payment. Copy 2 will be delivered to the Consignee. Copy 3 will be retained.
- * The CONSIGNEE will ensure Destination Carrier surrenders copy 2.

49871

SECTION A - To be completed by the SHIPPER

1. SHIPPER		2. PROTECTIVE SERVICE REQUESTED	
a. NAME FORT CAMPBELL KY W34GNA		DN DUAL DRIVER PROTECTIVE SERVICE WITH NAC SM DTTS SATELLITE MOTOR SURVEILLANCE SERVICE	
b. ORIGIN TRANSPORTATION OFFICER FORT CAMPBELL KY ATTN: AFZB-DL-TO, BLDG 873 FORT CAMPBELL, KY 42223-1294		3. GBL OR CBL NUMBER G-7687964	
4. CONSIGNEE		5. PERMIT NUMBER (if any)	
a. NAME REMINGTON ARMS CO CMAH2W			
b. DESTINATION REMINGTON ARMS CO., INC. 14 HOEFLER AVENUE ILION, NY 13357		6. TRANSPORTATION CONTROL NUMBER (FAAT-01-8007001 -01) W34QTQ80153700XXX	
7. ROUTING BOYLE, T F TRANSPORTATION, INC		8. WEIGHT 250 POUNDS	9. CUBE 31.0
10. SPECIAL INSTRUCTIONS		11. DATE SHIPMENT TENDERED TO CARRIER 98.02.03	12. NAME OF CARRIER BYLE
13. NUMBER OF PIECES 1	14. TYPE OF PACKAGE(S) (For unsealed loads only) OR CONVEYANCE IDENTIFICATION & SEAL NUMBERS (for sealed loads only) PT X	15. FREIGHT CLASSIFICATION DESCRIPTION 069300 FIREARMS OR PARTS, NOI, IN BOXES, SEE NOTE, ITEM 63302	

SECTION B - To be completed by each person accepting custody of classified or protected material requiring the use of transportation protective service during transit.

16. CUSTODY RECORD				
a. PRINT NAME OF PERSON AND COMPANY REPRESENTED	b. STATION INTERCHANGE POINT DESTINATION	c. SIGNATURE OF PERSON ACCEPTING CUSTODY	d. TIME ACCEPTED	e. DATE ACCEPTED
DAVID R MARSHALL ^{Boyle}	FORT CAMPBELL KY	<i>David R Marshall</i>	0800	2-3-98
SHARON M MARSHALL ^{Boyle}	XXXX FORT CAMPBELL KY	<i>Sharon M Marshall</i>	0800	2-3-98
DONNA O'CONNOR	Bloomfield, IN	<i>D.O.C.</i>	13:30	02/03/98
C L Magruder	"	<i>C L Magruder</i>	14:30	2/8/98
ML Magruder	"	<i>ML Magruder</i>	14:30	2/8/98
Dale Huckabone	Remington Arms	<i>Dale Huckabone</i>	6:12	2/9/98

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		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		70		71		72		73		74		75		76		77		78		79		80	
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CONSOL. PROPERTY ACCOUNT FT CAMPBELL, KY 42223-5000																REMINGTON ARMS CO, INC. 14 HOFFLER AVENUE ILTON, N.Y. 13357-1826																																																DOLLARS																CTS.																																																																															
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WAREHOUSE LOCATION																TYPE OF CARGO				UNIT PACK				UNIT WEIGHT				UNIT CUBE				UFC				NMFC				FREIGHT RATE				DOCUMENT DATE				MAT COND				QUANTITY																																																																																																											
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PACKED BY AND DATE																NO. OF CONTAINER(S)				TOTAL CUBE				WAREHOUSED BY AND DATE				WAREHOUSE LOCATION																																																																																																																																			
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RETURNED FOR REPAIR																PLEASE RETURN WEAPONS TO																TRANS OFFICER, CRP, BLDG 5207, FT CAMPBELL, KY																																																																																																																															
42223-5565																																																																																																																																																															
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FIRST DESTINATION ADDRESS																DATE SHIPPED																																																																																																																																															
11																12																FF																GG																																																																																																															
13 TRANSPORTATION CHARGEABLE TO																14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)																15 RECEIVER'S DOCUMENT NUMBER																																																																																																																															
STATION FUNDS																																																																																																																																																															

DD Form 1348-1, JUL 91

PREVIOUS EDITION MAY BE USED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

6

BARBER - M24 0049915

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225141
3 Mar 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7826
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .787053

THE AMR FOR THIS RIFLE IS: 1.187

CENTROIDAL DISTANCES

0	TO	1	1.03921
1	TO	2	.584572
1	TO	3	.202625
1	TO	4	.327666
1	TO	5	.357237

1
3
4
5
2

+ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

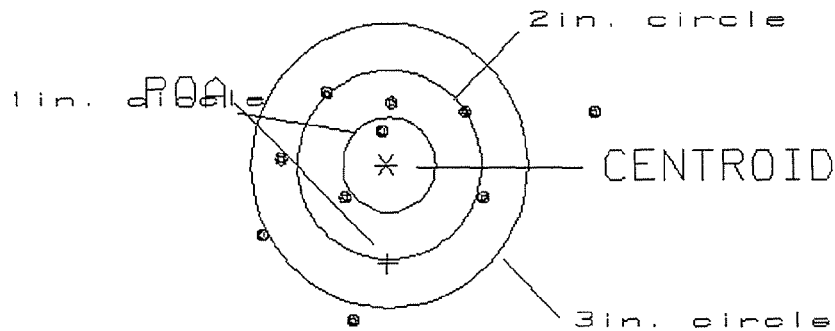
PATTERN #: ☐ 1 ☐

POA TO CENTROID: 1.039
 MIN RADIUS : .339
 MEAN RADIUS : 1.158
 MAX RADIUS : 2.336
 CENTROID X : -.021
 CENTROID Y : 1.039

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225141

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.62
 US= 2.41
 GS= 3.86

1
 4
 7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

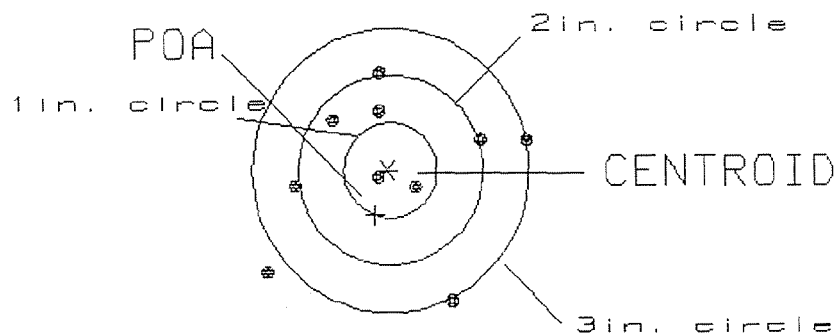
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .491
 MIN RADIUS : .119
 MEAN RADIUS : .975
 MAX RADIUS : 1.671
 CENTROID X : .129
 CENTROID Y : .474

3 Mar 1998

FILE:/Hp/basic/Accuracy/Patterning/Centerfire_Patt/06225141

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.80

2

VS= 2.36

4

GS= 3.14

7

REMINGTON CENTERFIRE ACCURACY TEST

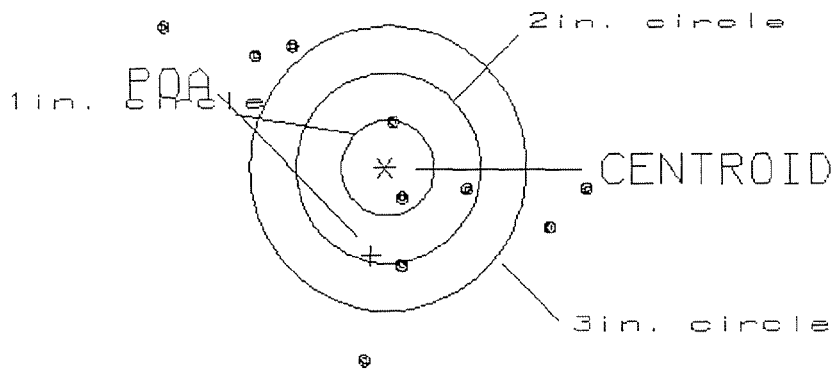
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .931
 MIN RADIUS : .332
 MEAN RADIUS : 1.517
 MAX RADIUS : 2.808
 CENTROID X : .143
 CENTROID Y : .920

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225141

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.61
 VS= 3.42
 GS= 4.89

1
 3
 4

REMINGTON CENTERFIRE ACCURACY TEST

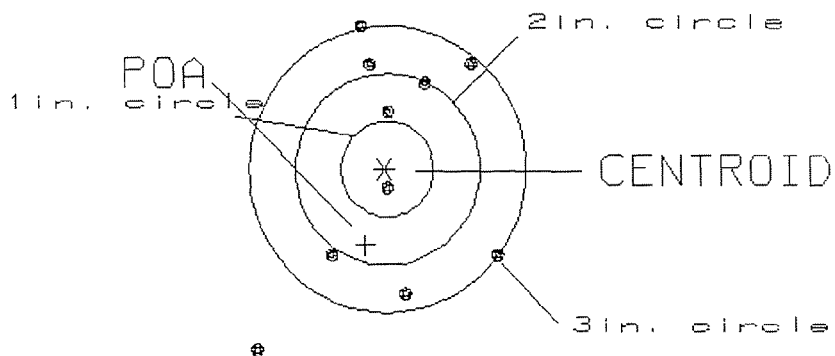
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .823
 MIN RADIUS : .195
 MEAN RADIUS : 1.210
 MAX RADIUS : 2.371
 CENTROID X : .201
 CENTROID Y : .798

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225141

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.54
 VS= 3.43
 GS= 3.77

1
 3
 6

REMINGTON CENTERFIRE ACCURACY TEST

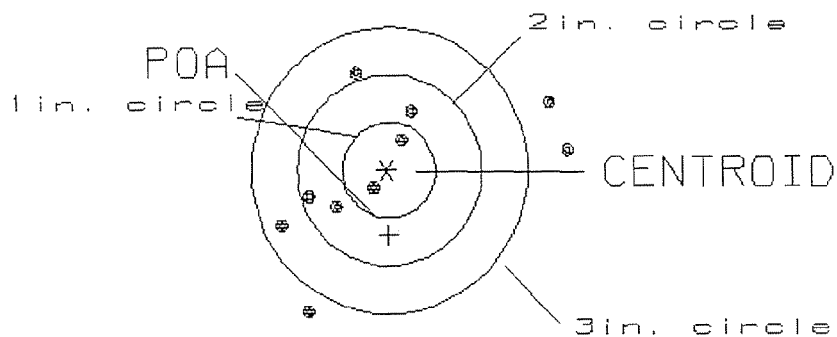
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 050
 POA TO CENTROID: .682
 MIN RADIUS : .256
 MEAN RADIUS : 1.075
 MAX RADIUS : 1.924
 CENTROID X : -.034
 CENTROID Y : .682

3 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/06225141

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.09
 VS= 2.53
 GS= 3.47

2
 5
 7

Remington Test Lab, Ilion, N.Y.

5141

Centroidal distance calculations for Rifle # C6225151
2 Mar 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.2218
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.2219

THE AMR FOR THIS RIFLE IS: 1.407

CENTROIDAL DISTANCES

Ø TO	1	1.4797
1 TO	2	.482236
1 TO	3	.511489
1 TO	4	.350043
1 TO	5	.716303

5 1
 2⁴
 3

+ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

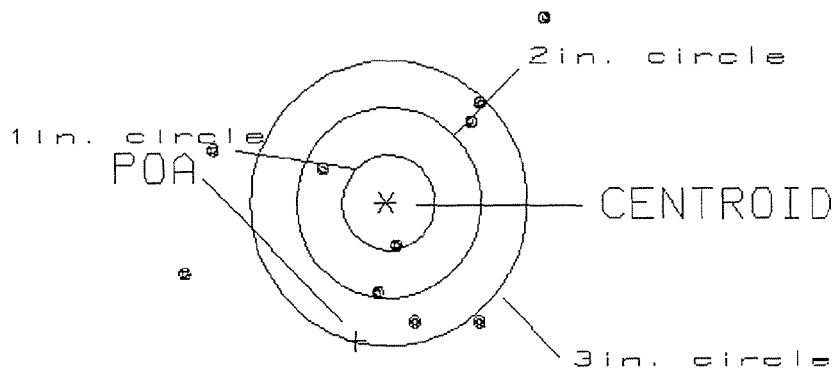
PATTERN #: 1

POA TO CENTROID: 1.479
 MIN RADIUS : .456
 MEAN RADIUS : 1.450
 MAX RADIUS : 2.557
 CENTROID X : .314
 CENTROID Y : 1.446

2 Mar 1998

FILE:/Hp/basic/Accuracy/Patterning/Centerfire_Patt/C6225151

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.94

1

VS= 3.16

3

GS= 4.74

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

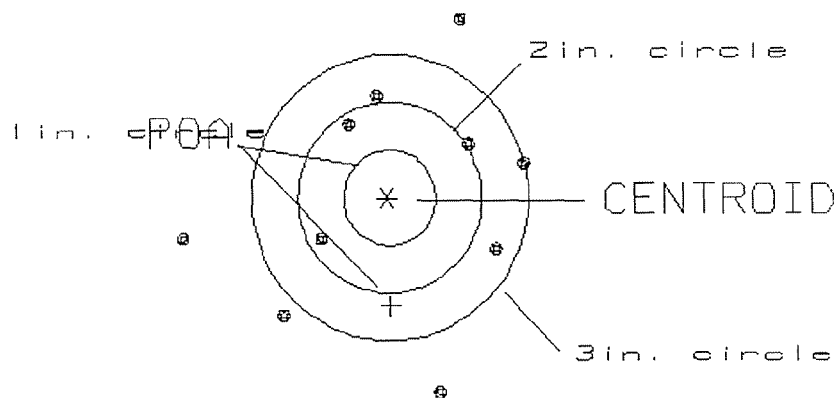
PATTERN #: [2]

POA TO CENTROID: 1.133
 MIN RADIUS : .807
 MEAN RADIUS : 1.482
 MAX RADIUS : 2.322
 CENTROID X : -.052
 CENTROID Y : 1.132

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225151

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.79

0

VS= 3.99

2

GS= 3.99

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3

POA TO CENTROID: .970

MIN RADIUS : .869

MEAN RADIUS : 1.609

MAX RADIUS : 2.486

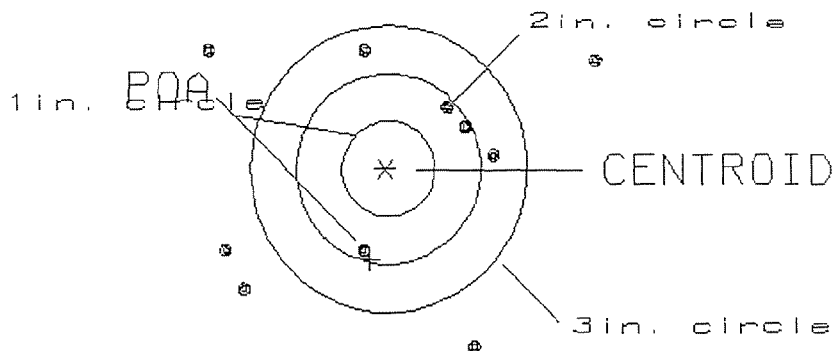
CENTROID X : .164

CENTROID Y : .957

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225151

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.23

0

VS= 3.12

3

GS= 4.47

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

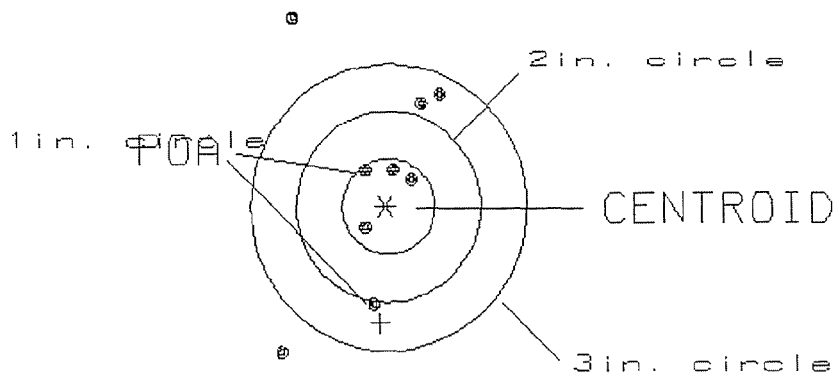
PATTERN #: ☐ 4 ☐

POA TO CENTROID: 1.216
 MIN RADIUS : .337
 MEAN RADIUS : 1.233
 MAX RADIUS : 3.155
 CENTROID X : .051
 CENTROID Y : 1.215

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225151

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.97

4

VS= 4.56

4

GS= 5.34

7

REMINGTON CENTERFIRE ACCURACY TEST

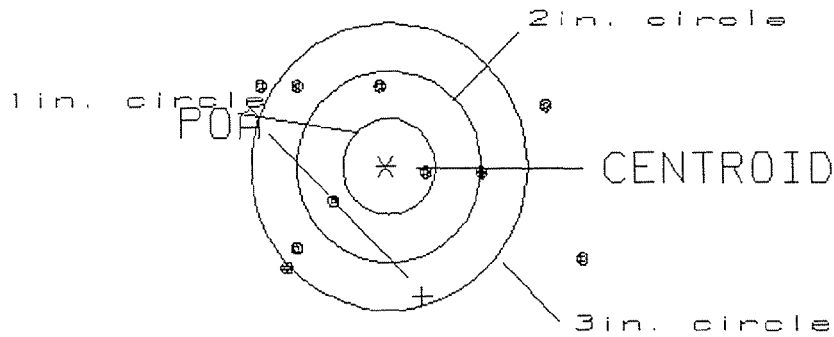
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: 1.415
 MIN RADIUS : .377
 MEAN RADIUS : 1.271
 MAX RADIUS : 2.293
 CENTROID X : -.397
 CENTROID Y : 1.359

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225151

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.48

1

VS= 1.90

4

GS= 3.90

6

RECEIVING AND ESTIMATING REPORT

BARBER, M24-0049927

COMMENTS

ORDER
R 93-07313

INITIAL	CUSTOMER ORDER NO.		WOG 2 OF 3 W/BI-POD GUNS PAINTED		
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
03/17/93	03/15/93	LJ 2-89	C6225141		700 7.62 NATO
ACCESSORIES SLING STRAP W/STUDS W/SWIVELS HARD CASE SCOPE MNTS W/SCOPE BASE					

FROM:
 COMMANDER
 HHC 3BN 502 PIR
 ATTN SGT ENTWHISTLE
 FT CAMPBELL KY 42223

SHIP TO:
 COMMANDER
 HHC 3BN 502 PIR
 ATTN SGT ENTWHISTLE
 FT CAMPBELL KY 42223

CUST NO:076506 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	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, Clean & Repair

PARTS		COMMENTS					
Barrel 96003		Re zinc. Scope Base, Scope Rings, Swivels & Swivel Studs. Re powder Coat Floor plate, Latch, Trigger Guard, Front & Rear Sight Bases.					
		Return Scope to Vendor for Repair.					
		SN-89-0101					
		REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
		RW	✓	✓	✓	✓	
		GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
		RW	3/23/93	4/1/93	4/2/93	4/2/93	

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0049927

BARBER - M24 0049928 MAINTENANCE REQUEST				PAGE OF 		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER															
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																							
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA																		
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.													
		HHC 3-502		55716																			
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																							
5. ID		6. NSN																					
		11010151011-1214101-12111316																					
7. TYPE MNT. REQ. CODE		8. MODEL																					
		M24																					
9. NOUN		15. FAILURE DETECTED DURING (Select one - use / or X)																					
Sniper Weapon System		☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration																					
10a. ORG WON		b. EIC		16a. MILES/KILOMETERS (Enter or x)		b. HOURS		c. ROUNDS															
				MI KM																			
11. SERIAL NUMBER		b. QTY.		13. PD		d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)													
C102121511411																							
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)				19. IN WARRANTY? (Y or N)																			
See attached sheet				☒ Y ☐ N ☐ O Unit Level ☐ H Intermediate General Spt. ☒ I Special Repair Activity ☐ F Immediate Direct Spt. ☐ D Depot																			
				21. BUMPER NO/TAIL NO.				22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)															
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)																							
SECTION IV - REPORTABLE DATA																							
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME													
SECTION V - TASK REQUIREMENTS DATA																							
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RMN/PROJ							
SECTION VI - PART REQUIREMENTS																							
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.	
SECTION VII - COMPLETION DATA																							
29. QTY. RPR				30. QTY. CONDEMN.				31. QTY. NRTS				32. EVAC WON				33. EVAC UNIT NAME							
SECTION VIII - ACTION SIGNATURES																							
34a. SUBMITTED BY				35a. ACCEPTED BY				36a. WORK STARTED BY				37a. INSPECTED BY				38a. PICKED UP BY							
b. ORD DATE		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME					
9/31/04				9/31/04																			

DA FORM 5504, SEP 88

Block 24 continuance, ref: M24 SWS C6225141

1. bolt operation binds

2. request

- complete services
- bench test firing depth and spread tolerances
- estimate remaining barrel life
- inspect bore
- calibrate M3A scope
- inspect locking mechanism and bolt face
- inspect all factory tolerances
- inspect components for hairline cracks and deficiencies due to extreme environmental conditions (southwest asia) and operator abuse

BARBER RENAISSANCE REQUEST				PAGE OF 		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER																	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																									
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA																				
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.															
		HHC-3-502		5516																					
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME																	
SECTION III - EQUIPMENT DATA																									
5. ID		6. NSN																							
		1005021-12401-211316																							
7. TYPE MNT. REQ. CODE		8. MODEL																							
		21124																							
9. NOUN		51252 WEAPON system																							
10a. ORG WON				b. EIC				16a. MILES/KILOMETERS (Enter or x)		b. HOURS		c. ROUNDS													
								☐ MI ☐ KM																	
11. SERIAL NUMBER				b. QTY.		13. PD		15. FAILURE DETECTED DURING (Select one - use / or X)		17. PROJ. CODE (If Assigned)			18. ACCT. PROCESSING CODE												
C16121511411								☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration																	
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)						19. IN WARRANTY? (Y or N)						20. LEVEL OF WORK (Select one - use / or X)													
See attached sheet						Y						☐ O Unit Level ☐ H Intermediate General Spt. ☒ I Special Repair Activity ☐ F Immediate Direct Spt. ☐ D Depot													
						21. BUMPER NO./TAIL NO.						22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)													
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)																									
SECTION IV - REPORTABLE DATA																									
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME		26. TECHNICAL REFERENCES													
SECTION V - TASK REQUIREMENTS DATA																									
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RMN/PROJ									
SECTION VI - PART REQUIREMENTS																									
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.			
SECTION VII - COMPLETION DATA																									
29. QTY. RPR				30. QTY. CONDEMN.				31. QTY. NRTS				32. EVAC WON				33. EVAC UNIT NAME									
SECTION VIII - ACTION SIGNATURES																									
34a. SUBMITTED BY				35a. ACCEPTED BY				36a. WORK STARTED BY				37a. INSPECTED BY				38a. PICKED UP BY									
b. ORD DATE		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME		b. ST		c. ORD DATE		d. MIL TIME	
71310/13				71310/13																					

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225141

New Barrel

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/22/93	RW
600	Proof		3/22/93	RW
607	Check Headspace		3/22/93	RW
610	Dis-assemble Gun		3/22/93	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		4/1/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/93	RW
	C) Inspect Ejector Hole for Chamfer		4/1/93	RW
	D) Oil Firing Pin Ass'y		4/1/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

Op. #	BARBER - M24 0049932 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		4/1/93	RW
	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		4/2/93	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/93	RW
655	Final Inspection			
	A) Headspace		4/3/93	RW
	B) Trigger Pull			
	C) Function		4/2/93	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225141
3 Apr 1993

CENTROIDAL DISTANCES

0 TO	1	.368803
1 TO	2	.711966
1 TO	3	.434504
1 TO	4	.709415
1 TO	5	.545326

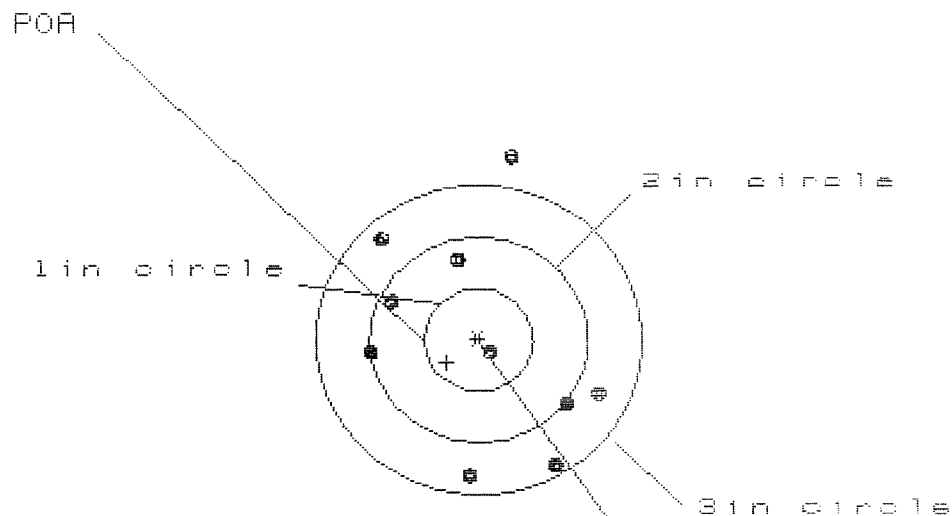
$\frac{4}{5}$ ^L <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0808
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0938801
THE AMR FOR THIS RIFLE IS: .9366

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.068

VS= 3.043

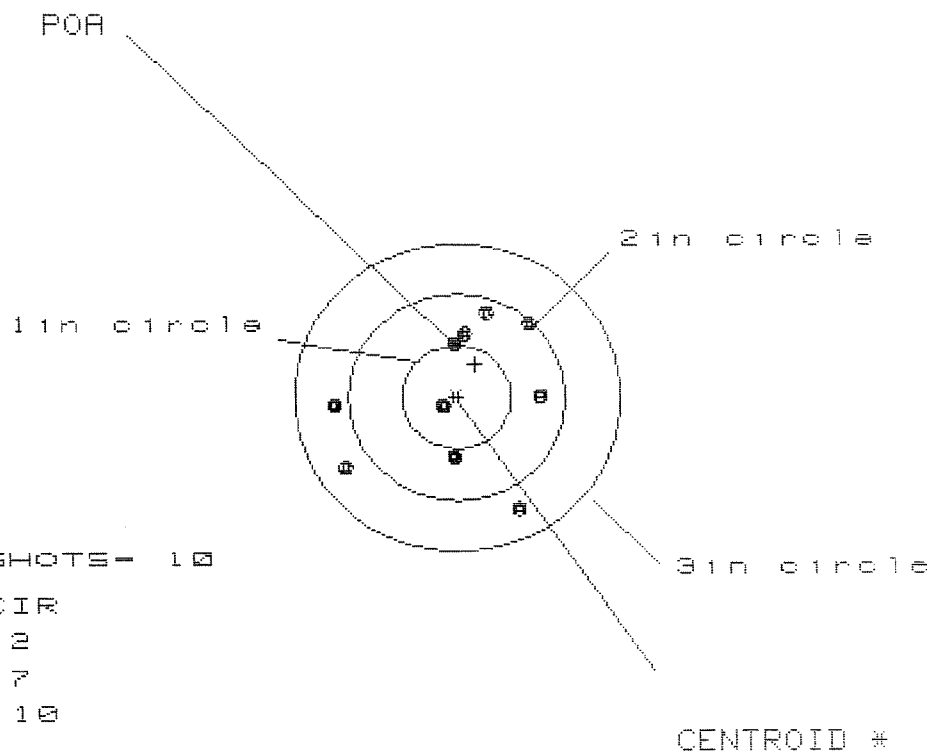
GS= 3.062

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	1.090	1.177
MINIMUM X	:	-1.010	-0.978	-0.890
MAXIMUM Y	:	1.747	1.212	1.078
MINIMUM Y	:	-1.296	-1.101	-1.235
CENTROID X	:	.296	.265	.177
CENTROID Y	:	.220	.025	.159
POA TO CENTROID in.	:	.369	.266	.238
MIN RADIUS	:	.191	.200	.277
MEAN RADIUS	:	1.095	1.008	.967
MAX RADIUS	:	1.770	1.481	1.322
HORIZONTAL SPREAD	:	2.068	2.068	2.068
VERTICAL SPREAD	:	3.043	2.313	2.313
EXTREME SPREAD	:	3.062	2.758	2.470
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225141

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.961

VS= 1.932

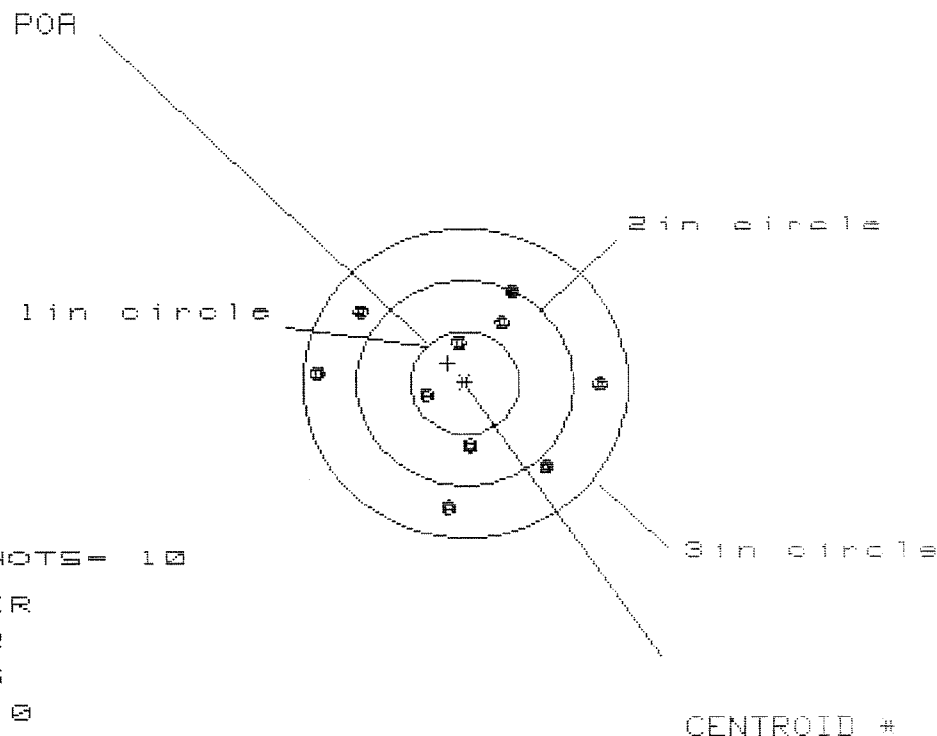
GS= 2.232

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.800	.865	.745
MINIMUM X	:	-1.161	-1.096	-1.216
MAXIMUM Y	:	.809	.684	.579
MINIMUM Y	:	-1.123	-.841	-.848
CENTROID X	:	-.168	-.233	-.113
CENTROID Y	:	-.320	-.195	-.090
POA TO CENTROID in.	:	.361	.303	.145
MIN RADIUS	:	.170	.191	.249
MEAN RADIUS	:	.820	.752	.661
MAX RADIUS	:	1.266	1.271	1.257
HORIZONTAL SPREAD	:	1.961	1.961	1.961
VERTICAL SPREAD	:	1.932	1.525	1.427
EXTREME SPREAD	:	2.232	2.232	2.031
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225141

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.609

VS= 2.092

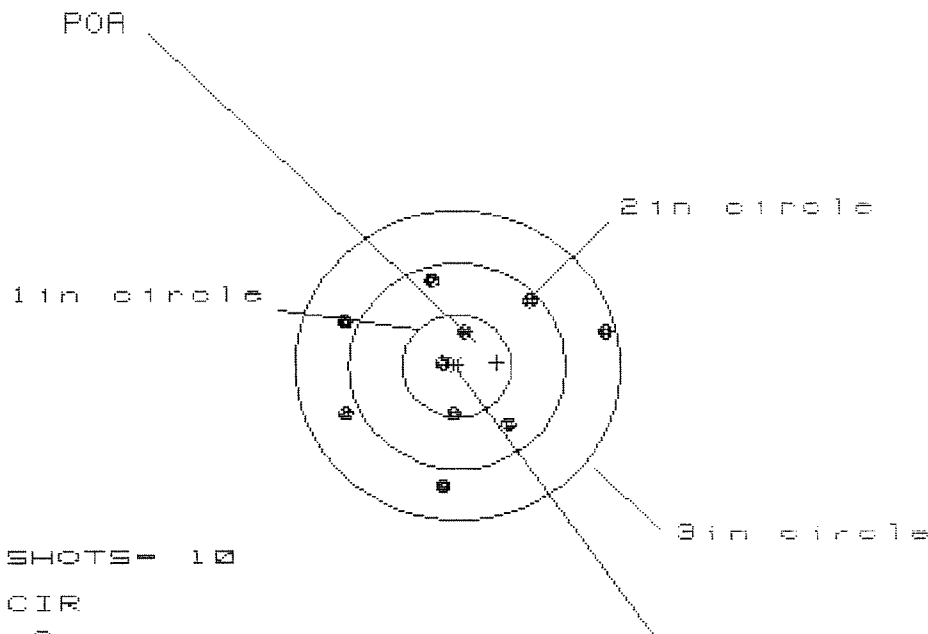
GS= 2.614

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.097	.723
MINIMUM X	:	-1.361	-1.063	-.926
MAXIMUM Y	:	.879	.893	.891
MINIMUM Y	:	-1.214	-1.199	-1.201
CENTROID X	:	.161	.312	.175
CENTROID Y	:	-.193	-.208	-.206
POA TO CENTROID in.	:	.252	.375	.270
MIN RADIUS	:	.349	.485	.361
MEAN RADIUS	:	.913	.861	.816
MAX RADIUS	:	1.367	1.290	1.212
HORIZONTAL SPREAD	:	2.609	2.160	1.649
VERTICAL SPREAD	:	2.092	2.092	2.092
EXTREME SPREAD	:	2.614	2.286	2.239
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.467

VS= 2.045

GS= 2.579

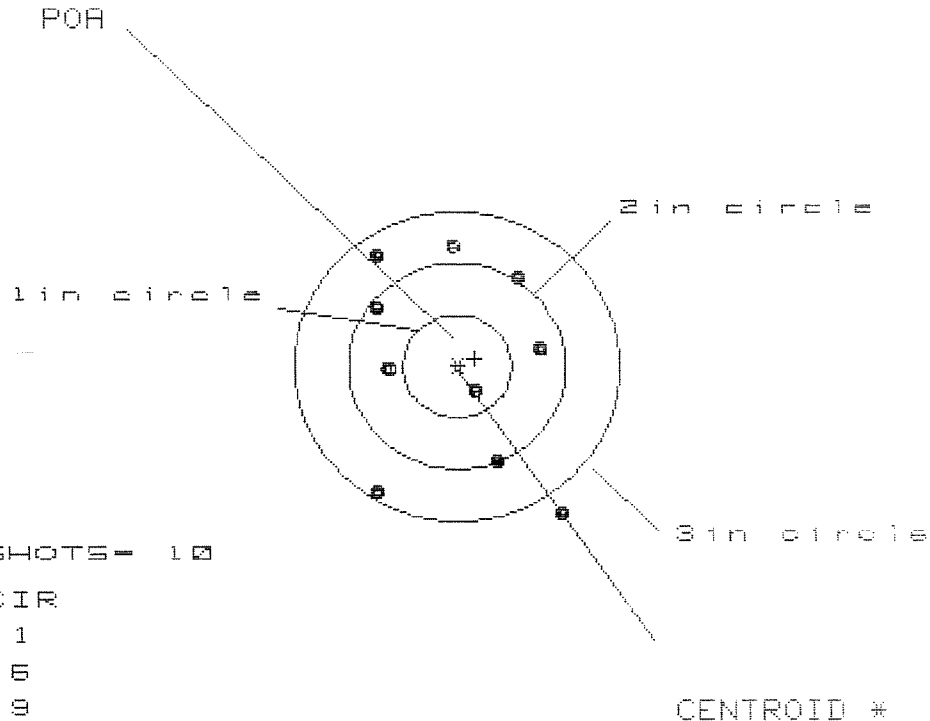
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.398	.785	.794
MINIMUM X	:	-1.069	-.914	-.905
MAXIMUM Y	:	.880	.912	.771
MINIMUM Y	:	-1.165	-1.133	-.703
CENTROID X	:	-.366	-.521	-.530
CENTROID Y	:	-.035	-.067	.074
POA TO CENTROID in.	:	.368	.526	.535
MIN RADIUS	:	.132	.086	.075
MEAN RADIUS	:	.839	.765	.705
MAX RADIUS	:	1.427	1.135	1.072
HORIZONTAL SPREAD	:	2.467	1.699	1.699
VERTICAL SPREAD	:	2.045	2.045	1.474
EXTREME SPREAD	:	2.579	2.049	2.048
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08225141

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 1.723

VS= 2.531

GS= 3.005

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.010
MINIMUM X	-.713
MAXIMUM Y	1.131
MINIMUM Y	-1.400
CENTROID X	-.162
CENTROID Y	-.076
POA TO CENTROID in.	.179
MIN RADIUS	.270
MEAN RADIUS	1.016
MAX RADIUS	1.726
HORIZONTAL SPREAD	1.723
VERTICAL SPREAD	2.531
EXTREME SPREAD	3.005
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

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

MODEL 700TM H24

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

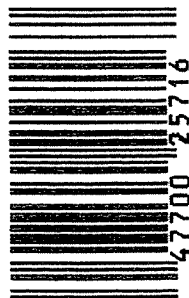
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6225141	ORDER NO. 5716
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MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225141

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	PR.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1-27-89	AS.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)		2-10-89	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		3/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/89	RW
	C) Inspect Ejector Hole for Chamfer		3/30/89	RW
	D) Oil Firing Pin Ass'y		3/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/11/89	QIS

BARBER - M24 0049941								
op. #	OP. NAME	READINGS			DATE	INITIAL		
625 cont.	F) Safety On Force	5	5	5	30 April 89	JS		
	G) Safety Off Force	3	3	3	30 April 89	JS		
	H) Trigger Pull Test & Retainability				31 May 89	JS		
	I) Firing Pin Indent	.0205	.0205	.0205	30 April 89	JS		
	J) Assemble Stock				4/12/89	RW		
	K) Assemble Swivel Studs				17 April 89	JS		
	L) Attach Front and Rear Sight Assemblies				4/12/89	RW		
	M) Iron Sight Alignment				4/12/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				4/12/89	RW		
	O) Attach Scope to Rifle				4/12/89	JS		
	P) Detach & Attach Scope 20 Times				4/13/89	JS		
640	Gallery Target & Test	47 R	106 L		4/14/89	DH		
	A) Time				4/14/89	DH		
	B) Malfunctions				4/14/89	DH		
	C) Pierced Primers				4/14/89	DH		
	D) Optical Clarity of Scope				4/14/89	DH		
645	Inspect for Live Ammo				4/14/89	DH		
655	Final Inspection							
	A) Headspace				17 April 89	JS		
	B) Trigger Pull	2.75	2.71	2.36	2.56	2.51	17 April 89	JS
	C) Function						17 April 89	JS
660	Pack						20 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225141

DATE 4-11-90

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.41		2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.45		2.28	
PULL #3	2.46	2.47		2.16	
PULL #4	2.53	2.43		2.24	
PULL #5	2.43	2.45		2.23	
TOTAL	12.25	12.21		11.21	
AVG.	2.45	2.442		2.242	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.40		
PULL #2	3.30	3.43		
PULL #3	3.39	3.40		
PULL #4	3.35	3.37		
PULL #5	3.42	3.34		
TOTAL	16.86	16.94		
AVG.	3.372	3.388		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.19		
PULL #2	4.25	4.23		
PULL #3	4.21	4.25		
PULL #4	4.23	4.20		
PULL #5	4.18	4.17		
TOTAL	21.07	21.04		
AVG.	4.214	4.208		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225141
17 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.362927
1 TO	2	.415204
1 TO	3	.191846
1 TO	4	.159477
1 TO	5	.194517

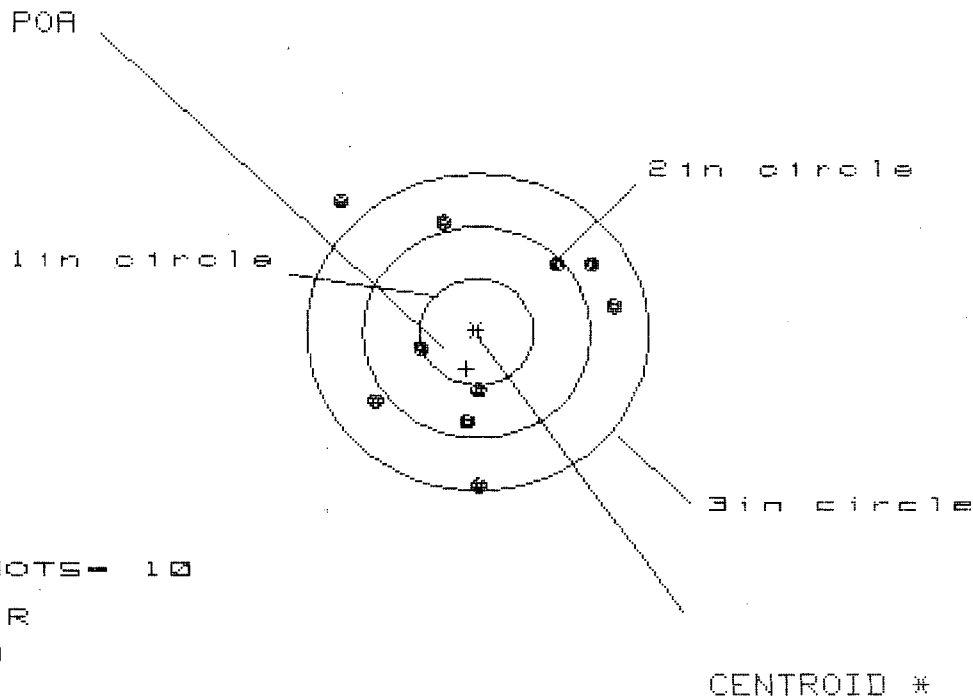
$\frac{2.34}{4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0198
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3584
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .358947
THE AMR FOR THIS RIFLE IS: .91

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 1

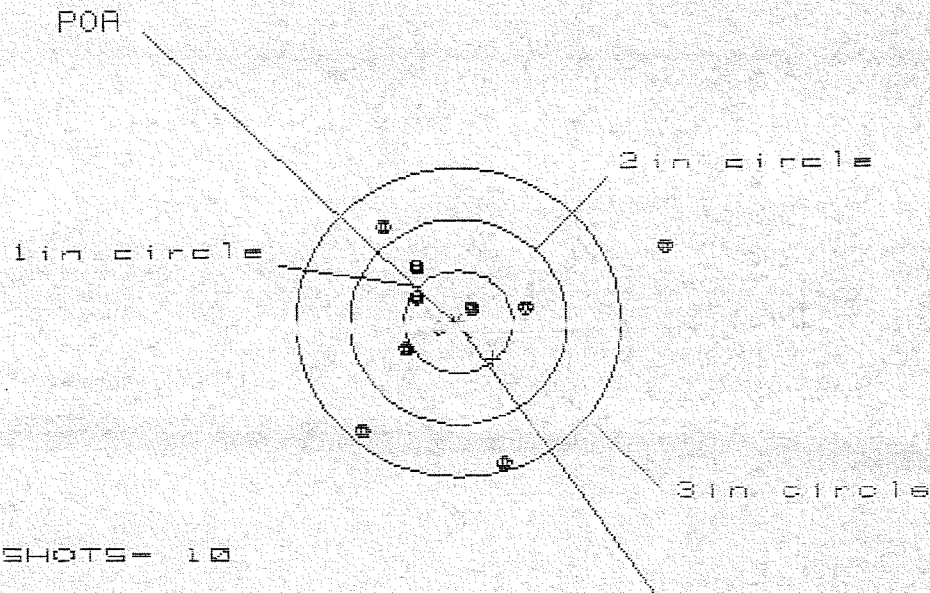


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.221	1.093	1.073
MINIMUM X	-1.107	-.888	-.888
MAXIMUM Y	1.204	1.209	1.041
MINIMUM Y	-1.480	-1.347	-.931
CENTROID X	.096	.224	.243
CENTROID Y	.350	.217	.005
POA TO CENTROID in.	.363	.311	.456
MIN RADIUS	.513	.394	.562
MEAN RADIUS	1.078	.994	.953
MAX RADIUS	1.667	1.356	1.258
HORIZONTAL SPREAD	2.375	2.098	2.098
VERTICAL SPREAD	2.684	2.556	1.972
EXTREME SPREAD	2.910	2.570	2.324
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.762

VS= 2.213

ES= 3.259

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.872	.805	.880
MINIMUM X	:	-.890	-.682	-.607
MAXIMUM Y	:	.899	.977	.823
MINIMUM Y	:	-1.314	-1.236	-1.105
CENTROID X	:	-.319	-.527	-.602
CENTROID Y	:	.363	.285	.439
POA TO CENTROID in.	:	.483	.599	.745
MIN RADIUS	:	.174	.021	.166
MEAN RADIUS	:	.847	.686	.581
MAX RADIUS	:	1.999	1.374	1.260
HORIZONTAL SPREAD	:	2.762	1.487	1.487
VERTICAL SPREAD	:	2.213	2.213	1.927
EXTREME SPREAD	:	3.259	2.456	1.939
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225141

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.627

VS= 1.533

GS= 2.627

CENTROID *

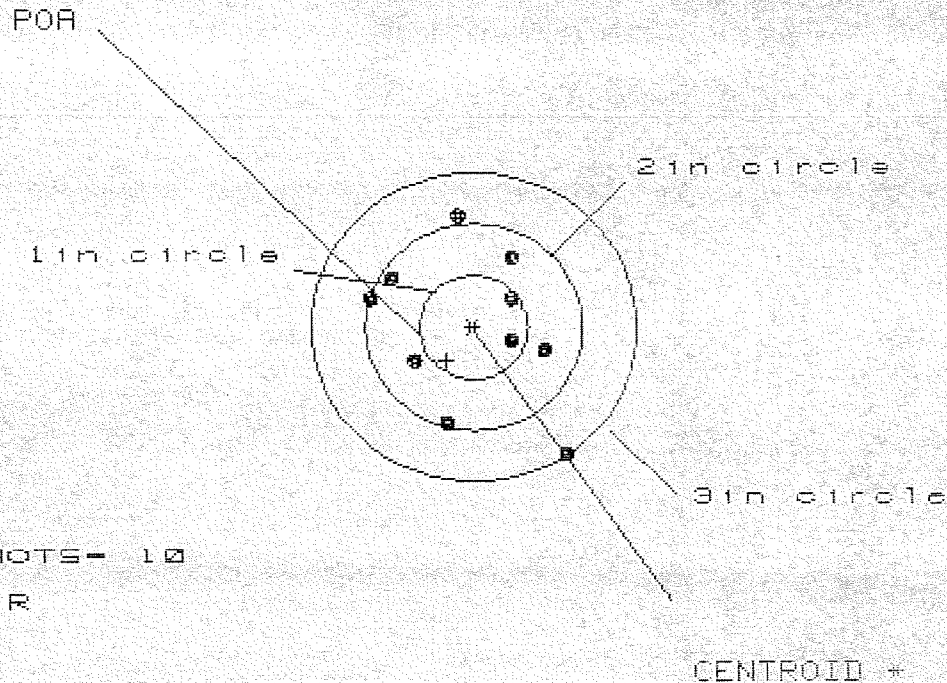
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.064	.786
MINIMUM X	:	-1.407	-1.324	-1.191
MAXIMUM Y	:	.615	.671	.740
MINIMUM Y	:	-.918	-.862	-.792
CENTROID X	:	.114	.270	.137
CENTROID Y	:	.541	.485	.415
POA TO CENTROID in.	:	.553	.555	.438
MIN RADIUS	:	.058	.194	.185
MEAN RADIUS	:	.054	.776	.723
MAX RADIUS	:	1.496	1.332	1.210
HORIZONTAL SPREAD	:	2.627	2.388	1.977
VERTICAL SPREAD	:	1.533	1.533	1.533
EXTREME SPREAD	:	2.627	2.423	2.168

NUMBER IN ONE INCH CIRCLE = 3
 NUMBER IN TWO INCH CIRCLE = 5
 NUMBER IN THREE INCH CIRCLE = 10

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225141

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.735

VS= 2.231

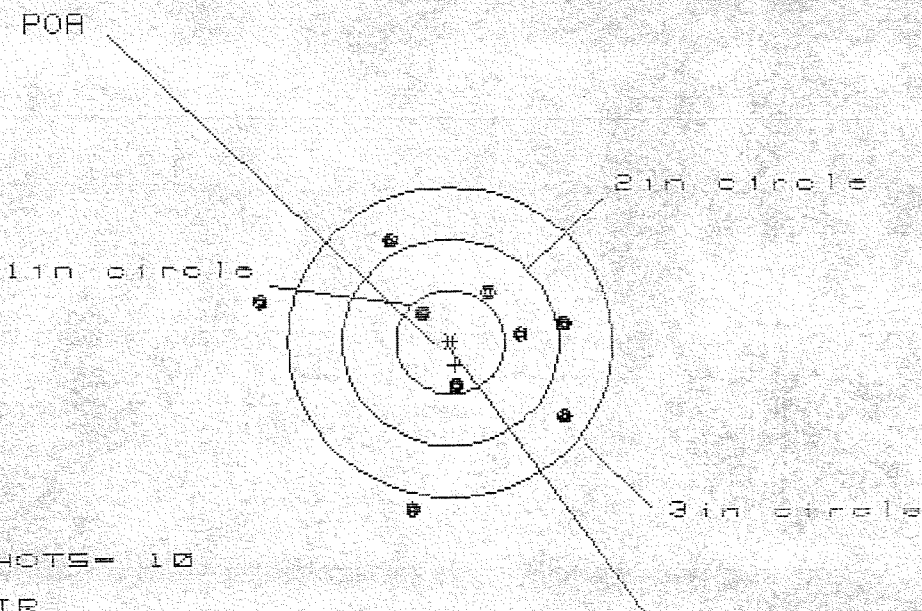
GS= 2.440

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.808
MINIMUM X	-.927
MAXIMUM Y	1.032
MINIMUM Y	-1.199
CENTROID X	.253
CENTROID Y	.322
POA TO CENTROID in.	.409
MIN RADIUS	.396
MEAN RADIUS	.848
MAX RADIUS	1.446
HORIZONTAL SPREAD	1.735
VERTICAL SPREAD	2.231
EXTREME SPREAD	2.440
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

14 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225141

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.792

VS= 2.562

GS= 2.971

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.024
MINIMUM X	-1.768
MAXIMUM Y	.975
MINIMUM Y	-1.587
CENTROID X	-.045
CENTROID Y	.216
POA TO CENTROID in.	.221
MIN RADIUS	.371
MEAN RADIUS	.923
MAX RADIUS	1.801
HORIZONTAL SPREAD	2.792
VERTICAL SPREAD	2.562
EXTREME SPREAD	2.971
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8