

G673 8637

Replaces

G644 4334

Replaces

C-6587715

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: RE00158405

Serial: G6414334 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 1/9/2009 10:58:45 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USFPO FOR ARKANSAS BLDG 318

USFPO FOR ARKANSAS BLDG 318

Address 2: CAMP ROBINSON BLDG 318

PO Box:

CAMP ROBINSON BLDG 318

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

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
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

1/9/2009

2:55 PM

CAPS

NUM

INS

SCPL



Serial Number:

G6738637 (New)
~~G6414334~~

Model: M24 SWS



RE00158405

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

P&E NUMBER

158405

SERIAL NUMBER

G6738637

LOG-IN DATE

1-9-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-12-09	RJZ
505	RE-BARREL	1-13-09	RJZ
560	ASSEMBLE	1-13-09	RJZ
600	PROOF	1-14-09	TK
605	CHECK HEADSPACE	1-14-09	RJZ
610	DIS-ASSEMBLE GUN	1-14-09	RJZ
612	MAGNAFLUX	1-17-09	(S)
510	DRILL AND TAP	1-14-09	SP
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1/19/09	RT
620	APPLY COATINGS	1-22	
625	FINAL ASSEMBLY	1-20-09	RJZ
640	FUNCTION TEST AND	1-27-09	TK
650	TARGET	1-27-09	TK
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-27-09	NW
	A) HEADSPACE	PASS FAIL	1-28-09 RJZ
	B) TRIGGER PULL	4-5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.66 2.65 2.69 2.69 2.58 1/27/09 Fm
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.2 5.2 5.2 1-28-09 RJZ
	G) SAFETY OFF FORCE	2 LBS	6.2 6.2 6.2 1-28-09 RJZ
	I) FIRING PIN INDENT	.020	-023 -023 -023 1-28-09 RJZ
690	PACK		1/25/09 Fm

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

M2400001518

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

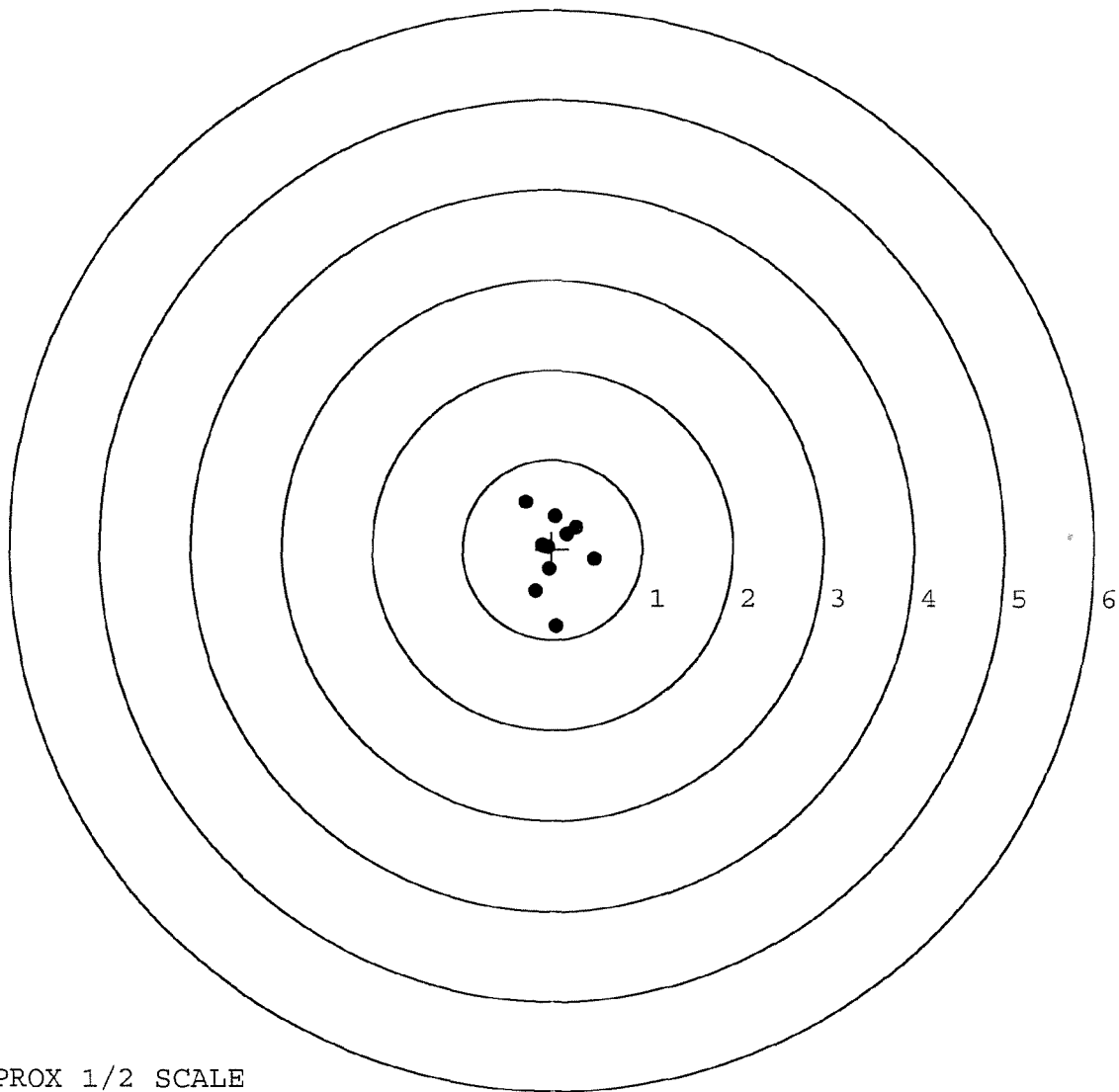
FIREARM SERIAL NUMBER / DATASET NAME: G6738637.___0
FILE DATE AND TIME: 01/27/2009 13:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	0.027
The Average Point of Impact of the Five Target Set:	0.040
The Average Mean Radius of the Five Target Set:	0.609
The Distance from POA to Centroid Target #1:	0.041
The Distance from Centroid Target #2 to Centroid Target #1:	0.079
The Distance from Centroid Target #3 to Centroid Target #1:	0.093
The Distance from Centroid Target #4 to Centroid Target #1:	0.144
The Distance from Centroid Target #5 to Centroid Target #1:	0.101

SERIAL NUMBER: G6738637. 0
TARGET NUMBER: 1
FILE DATE: 01/27/2009
FILE TIME: 13:35

	POINT#	X	Y
	1:	0.046	-0.858
	2:	-0.192	-0.472
	3:	-0.038	-0.224
	4:	0.468	-0.112
X CENTROID:	5:	-0.112	0.046
Y CENTROID:	6:	0.261	0.243
POA TO CENTROID:	7:	0.038	0.366
HORZ SPREAD:	8:	-0.295	0.521
VERT SPREAD:	9:	0.162	0.172
GROUP SPREAD:	10:	-0.050	0.021
MIN RADIUS:		0.094	
MAX RADIUS:		0.828	
MEAN RADIUS:		0.386	
# IN 1 IN DIAMETER:		8	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738637. __0

TARGET NUMBER: 2

FILE DATE: 01/27/2009

FILE TIME: 13:35

POINT#	X	Y
1:	-0.043	0.775
2:	-0.431	0.653
3:	-0.181	0.468
4:	0.413	0.748
5:	0.225	0.362
6:	0.635	-0.465
7:	0.462	-0.315
8:	-0.405	-0.155
9:	-0.448	-0.638
10:	0.267	-0.965

X CENTROID: 0.049

Y CENTROID: 0.047

POA TO CENTROID: 0.068

HORZ SPREAD: 1.083

VERT SPREAD: 1.740

GROUP SPREAD: 1.767

MIN RADIUS: 0.361

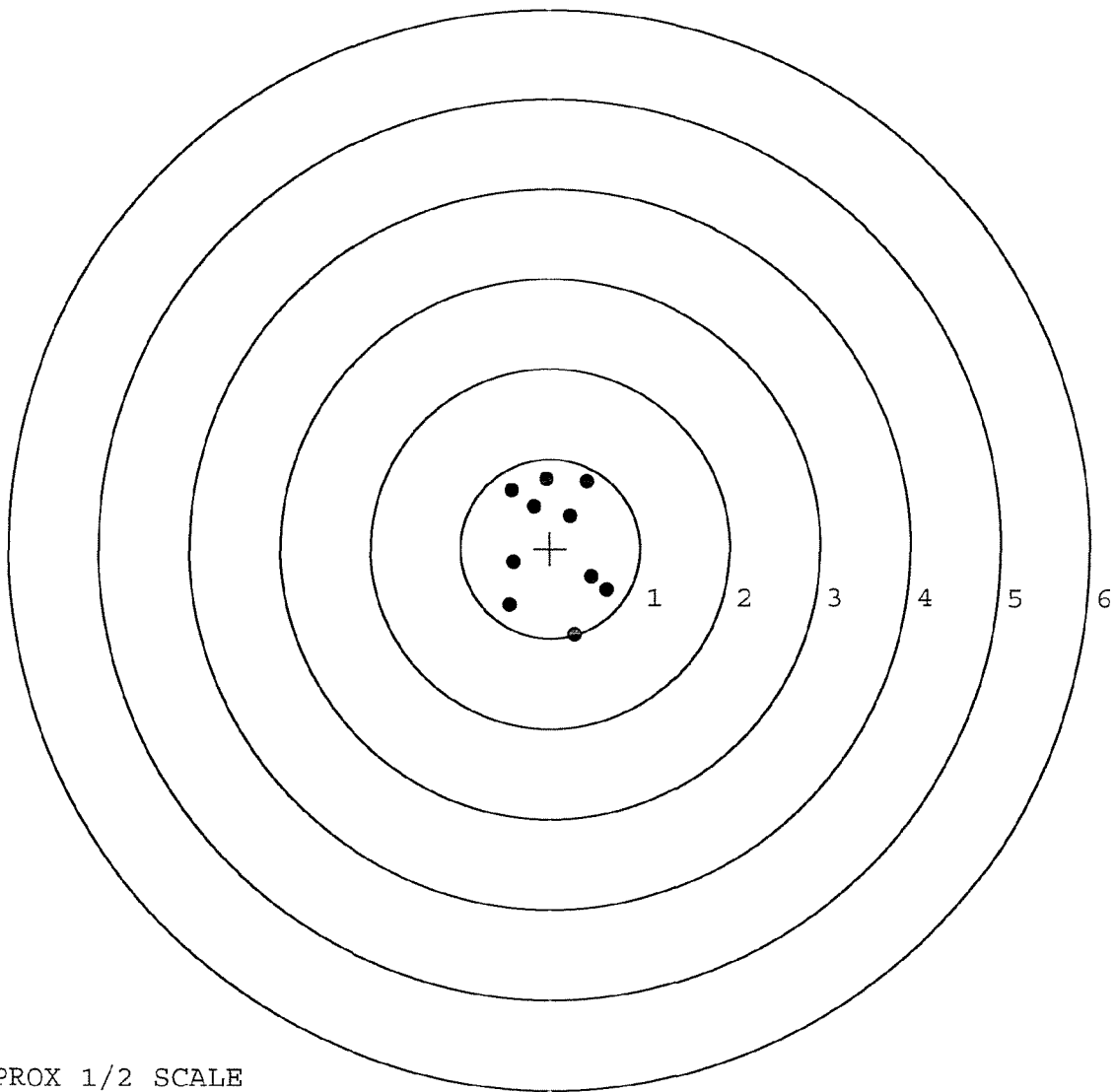
MAX RADIUS: 1.035

MEAN RADIUS: 0.684

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

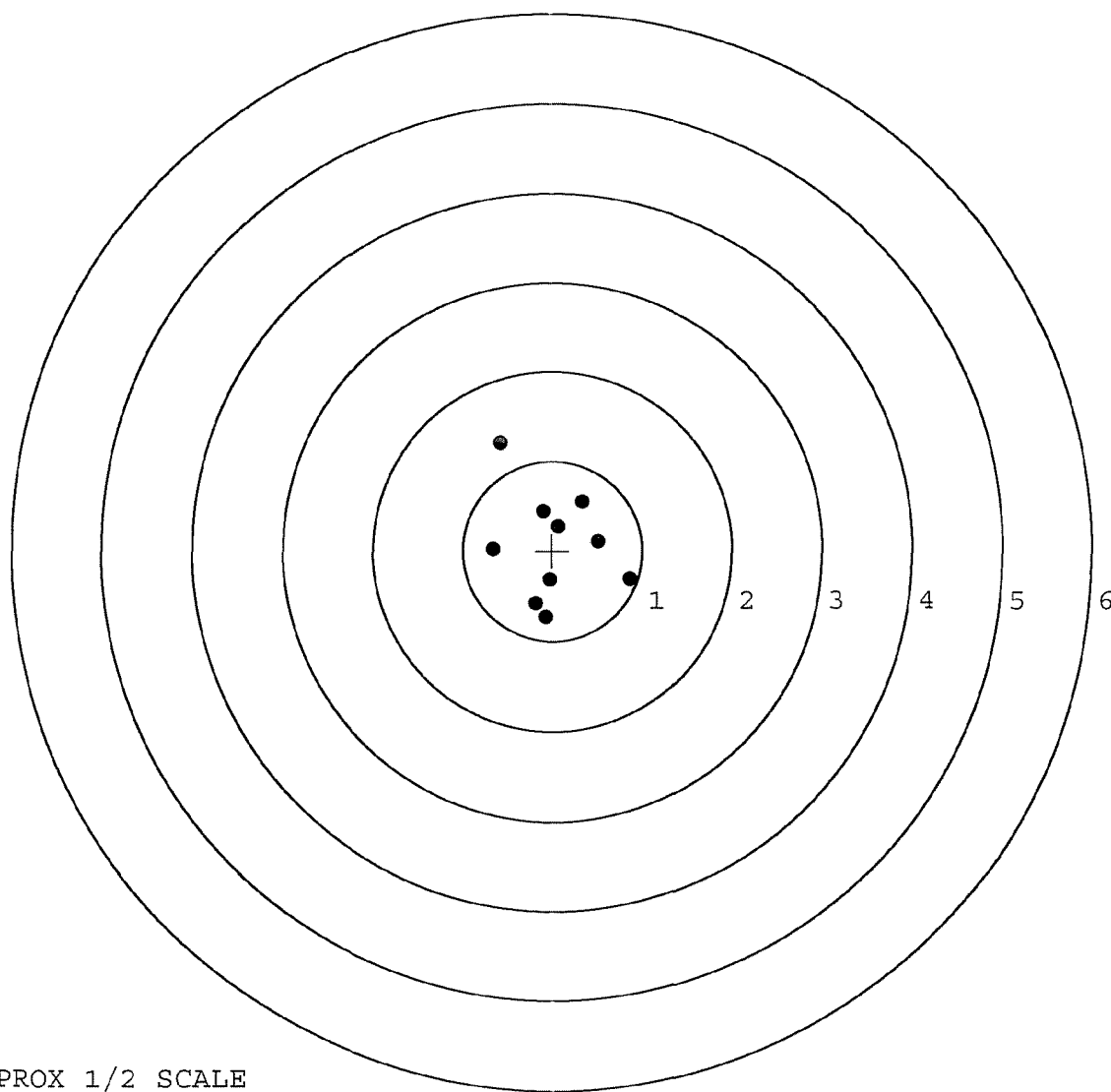


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738637.____0
TARGET NUMBER: 3
FILE DATE: 01/27/2009
FILE TIME: 13:35

POINT#	X	Y
1:	-0.578	1.206
2:	0.336	0.552
3:	-0.105	0.445
4:	0.073	0.270
5:	-0.508	0.101
6:	0.860	-0.314
7:	-0.071	-0.746
8:	-0.186	-0.587
9:	-0.025	-0.326
10:	-0.663	0.019

X CENTROID: 0.015
Y CENTROID: 0.062
POA TO CENTROID: 0.064
HORZ SPREAD: 1.523
VERT SPREAD: 1.952
GROUP SPREAD: 2.092
MIN RADIUS: 0.216
MAX RADIUS: 1.289
MEAN RADIUS: 0.647
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738637. 0

TARGET NUMBER: 4

FILE DATE: 01/27/2009

FILE TIME: 13:35

POINT#	X	Y
--------	---	---

1:	-0.194	1.093
----	--------	-------

2:	0.331	0.971
----	-------	-------

3:	-0.850	0.311
----	--------	-------

4:	-0.657	0.265
----	--------	-------

5:	0.033	-0.036
----	-------	--------

6:	0.657	0.237
----	-------	-------

7:	0.764	-0.472
----	-------	--------

8:	0.413	-0.509
----	-------	--------

9:	-0.450	-0.717
----	--------	--------

10:	-0.782	-0.422
-----	--------	--------

X CENTROID: -0.073

Y CENTROID: 0.072

POA TO CENTROID: 0.103

HORZ SPREAD: 1.614

VERT SPREAD: 1.810

GROUP SPREAD: 1.835

MIN RADIUS: 0.152

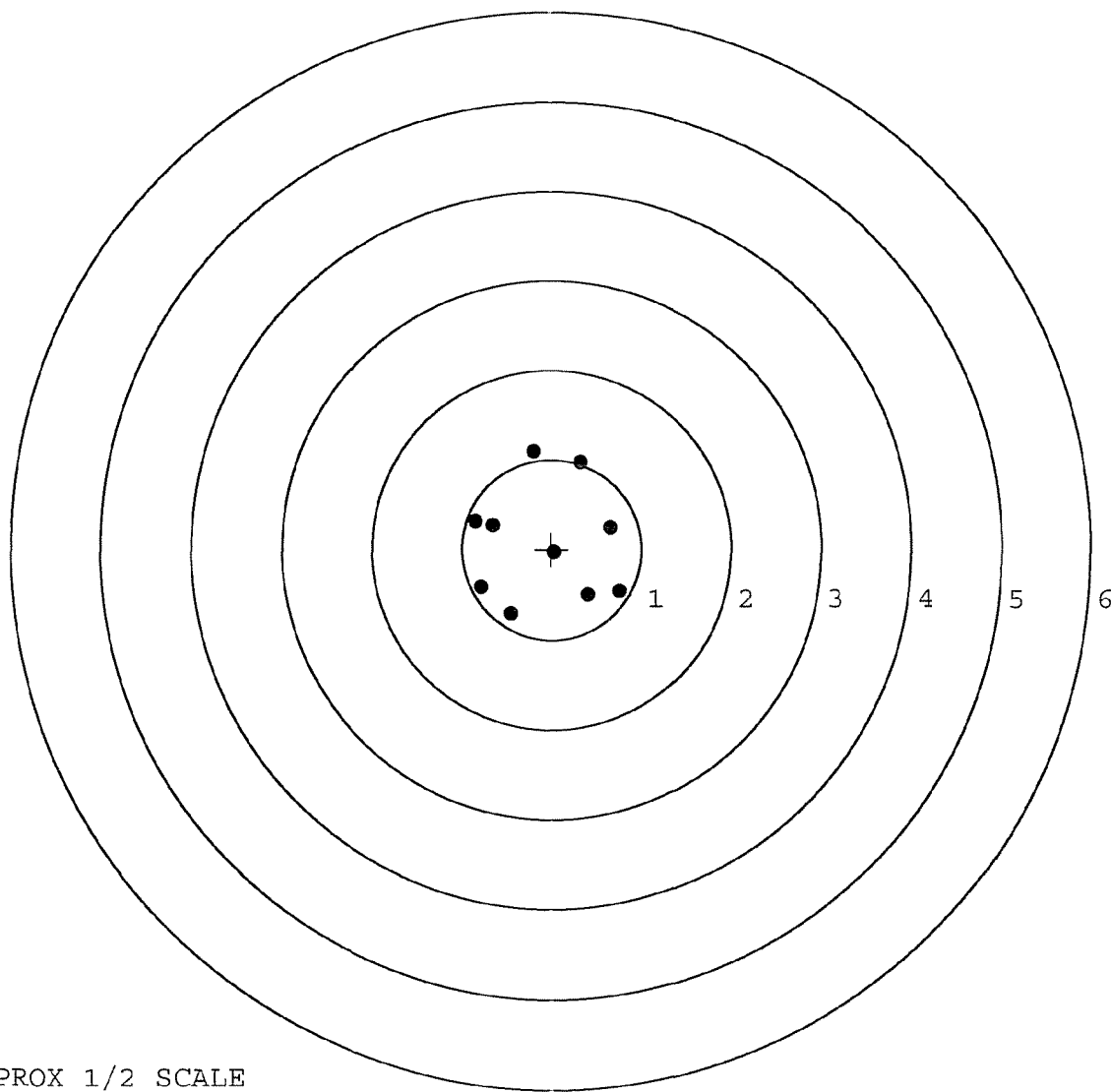
MAX RADIUS: 1.028

MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738637. __0

TARGET NUMBER: 5

FILE DATE: 01/27/2009

FILE TIME: 13:35

POINT#	X	Y
1:	0.948	0.846
2:	0.774	-0.555
3:	-0.616	-0.746
4:	0.408	-0.153
5:	-0.270	-0.364
6:	-0.039	-0.188
7:	-0.030	0.007
8:	0.178	0.099
9:	0.105	0.311
10:	-0.170	0.556

X CENTROID: 0.129

Y CENTROID: -0.019

POA TO CENTROID: 0.130

HORZ SPREAD: 1.564

VERT SPREAD: 1.592

GROUP SPREAD: 2.232

MIN RADIUS: 0.128

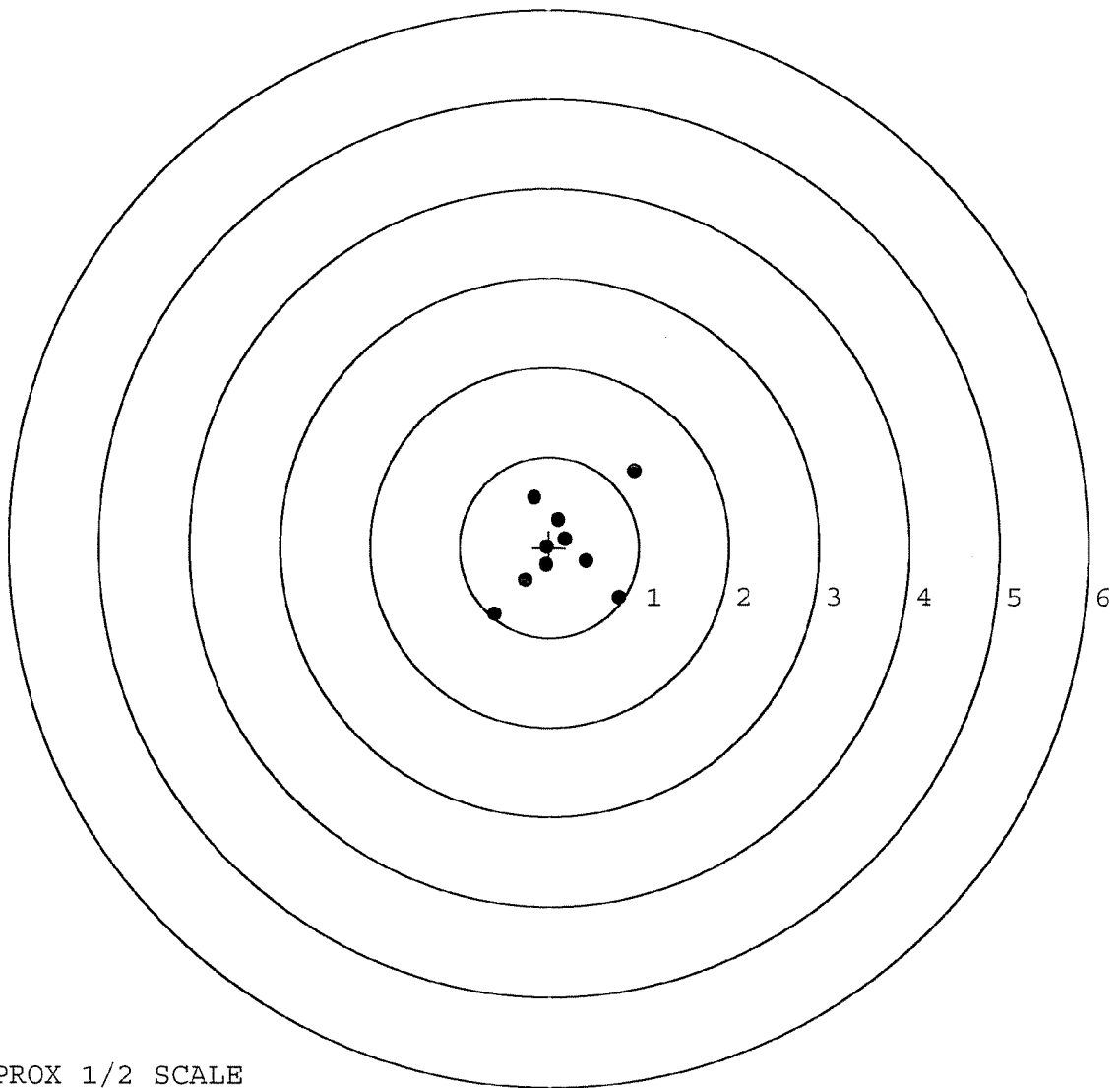
MAX RADIUS: 1.191

MEAN RADIUS: 0.541

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

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: RE00113115

Serial: C6587715 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 6/1/2006 11:12:34 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS BLDG 318

USPFO FOR ARKANSAS BLDG 318

Address 2: CAMP JOSEPH T ROBINSON

PO Box:

CAMP JOSEPH T ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

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
A007	With Stud	3
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

naglatj

6/1/2006

3:17 PM

CAPS

NUM

Refresh

Close

SCRL



3:17 PM

G6414334

Serial Number: **C6587715**
Model: **M24 SWS**

RE00113115

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE

6-19-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	258	261		244	
PULL #2	259	262		240	
PULL #3	253	246		246	
PULL #4	240	263		254	
PULL #5	241	258		251	
TOTAL	1251	1290		1235	
AVERAGE	250	258		247	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	310	313		
PULL #2	309	299		
PULL #3	307	307		
PULL #4	311	317		
PULL #5	313	312		
TOTAL	1550	1548		
AVERAGE	310	309		

	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	407	424		412
PULL #2	420	397		414
PULL #3	389	408		401
PULL #4	410	409		390
PULL #5	418	405		394
TOTAL	2044	2043		2011
AVERAGE	408	408		402

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414334.___0

FILE DATE AND TIME: 06/21/2006 16:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.036
The Average Y Centroid of the Five Target Set:	-0.062
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.323
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.399
The Distance from Centroid Target #4 to Centroid Target #1:	0.416
The Distance from Centroid Target #5 to Centroid Target #1:	0.319

SERIAL NUMBER: G6414334. __0

TARGET NUMBER: 1

FILE DATE: 06/21/2006

FILE TIME: 16:27

X CENTROID: 0.118

Y CENTROID: -0.300

POA TO CENTROID: 0.323

HORZ SPREAD: 1.136

VERT SPREAD: 2.234

GROUP SPREAD: 2.256

MIN RADIUS: 0.062

MAX RADIUS: 1.299

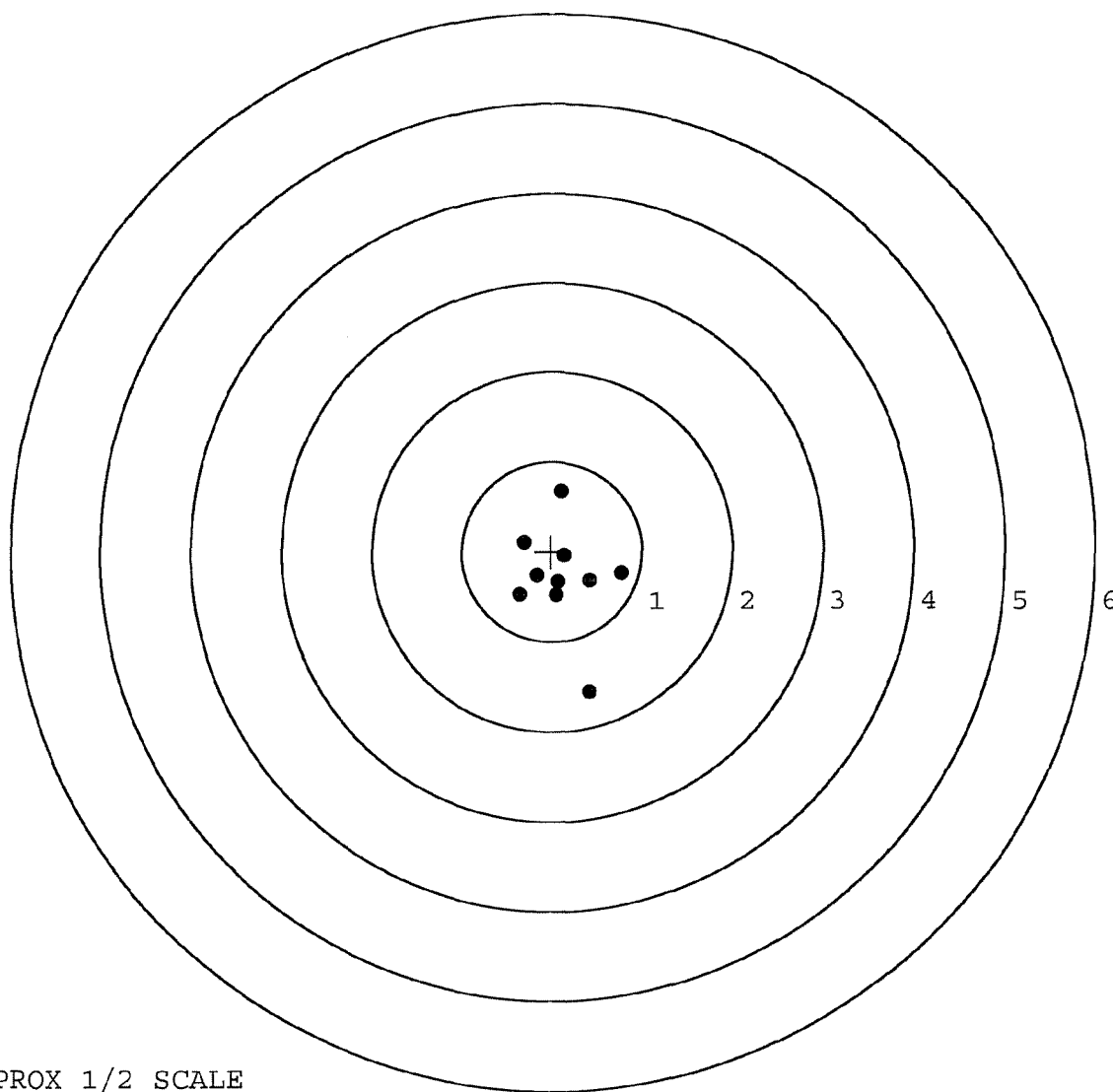
MEAN RADIUS: 0.514

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.110	0.672
2:	-0.309	0.101
3:	-0.357	-0.486
4:	0.055	-0.493
5:	0.074	-0.344
6:	0.143	-0.049
7:	0.425	-0.324
8:	0.779	-0.246
9:	0.426	-1.562
10:	-0.164	-0.272

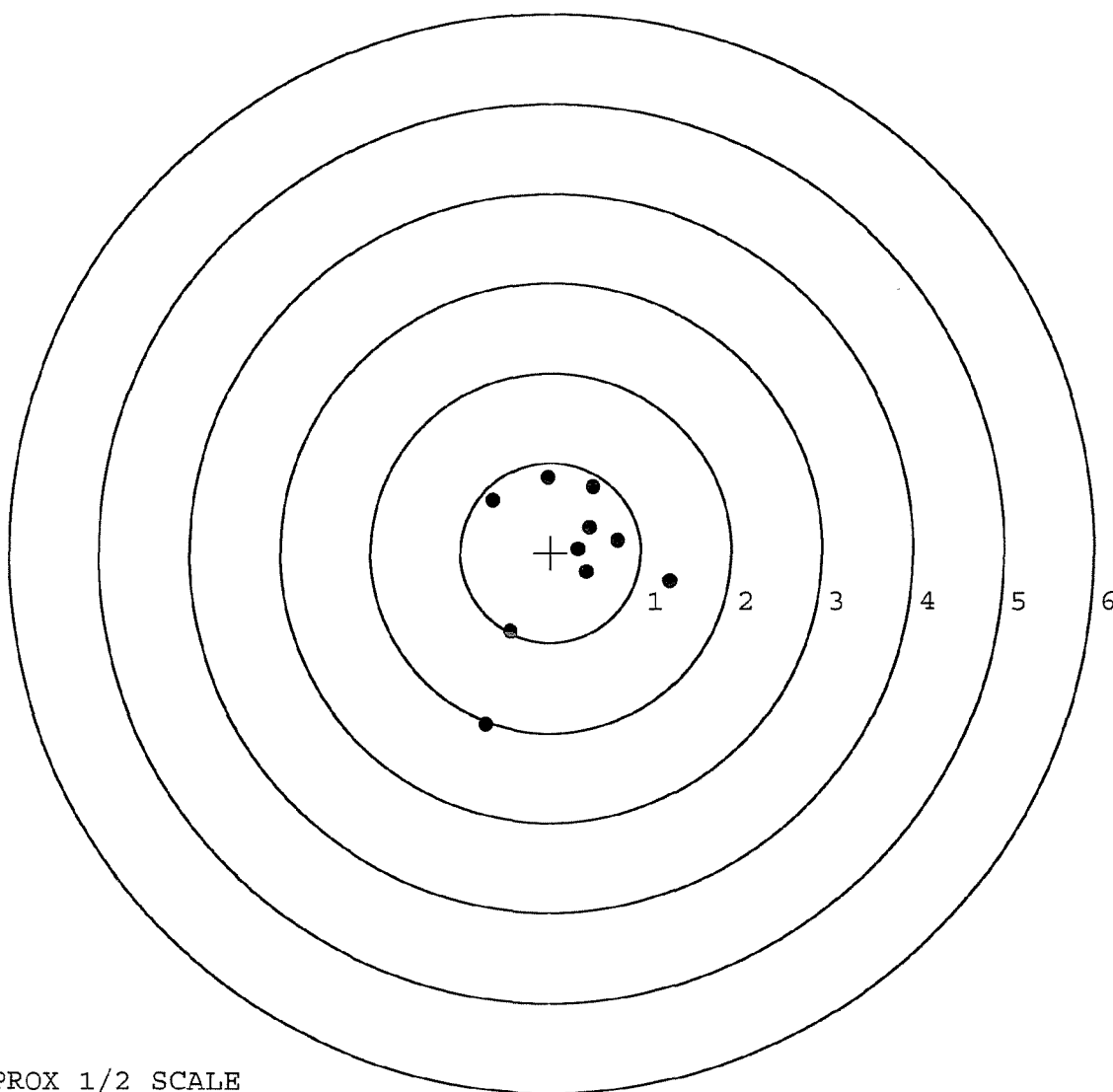


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414334. __0
TARGET NUMBER: 2
FILE DATE: 06/21/2006
FILE TIME: 16:27

X CENTROID: 0.185
Y CENTROID: -0.076
POA TO CENTROID: 0.200
HORZ SPREAD: 2.035
VERT SPREAD: 2.754
GROUP SPREAD: 2.895
MIN RADIUS: 0.168
MAX RADIUS: 2.046
MEAN RADIUS: 0.854
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

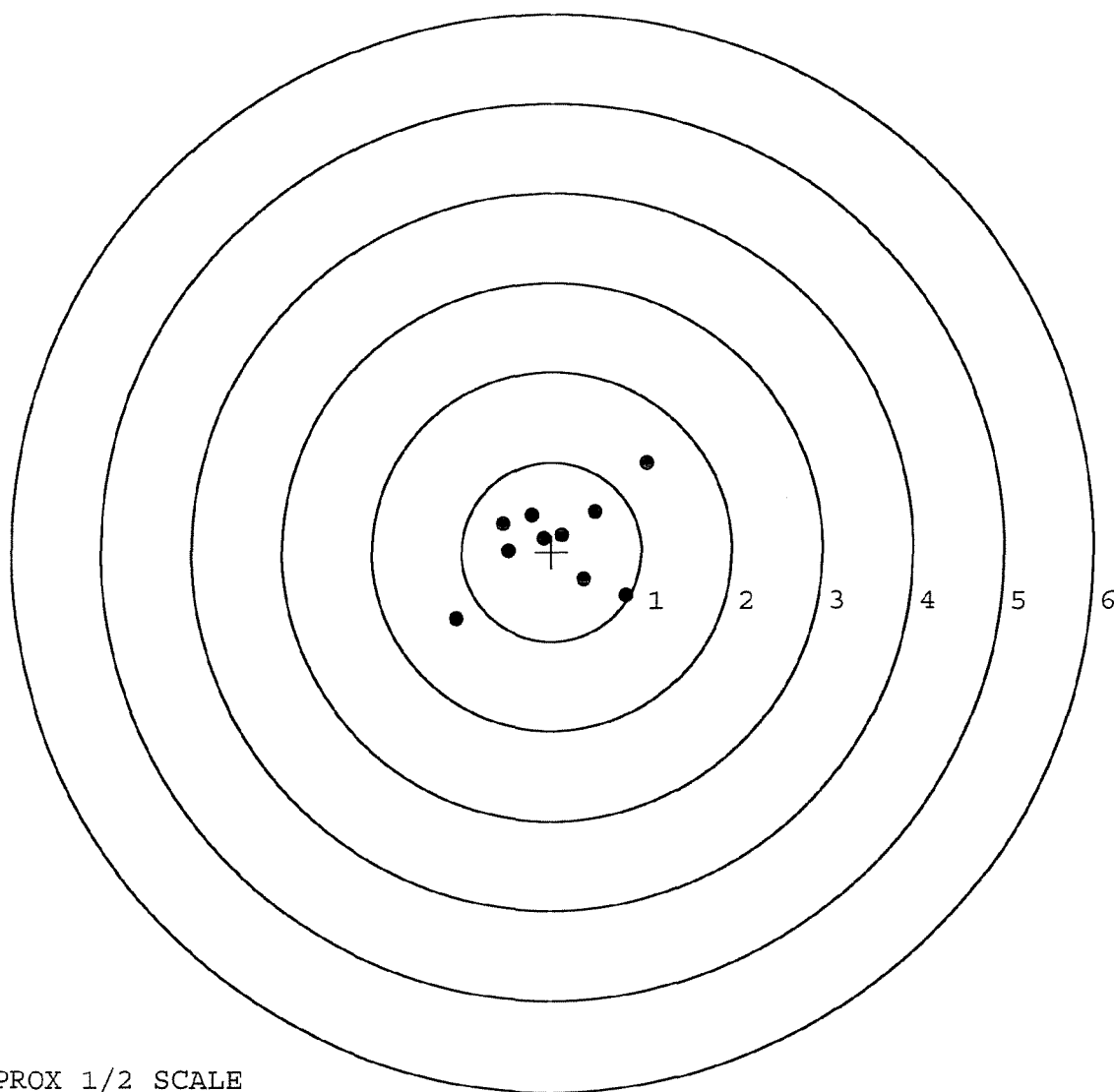
POINT#	X	Y
1:	-0.646	0.577
2:	-0.031	0.839
3:	0.472	0.727
4:	0.745	0.131
5:	0.429	0.276
6:	0.306	0.040
7:	0.405	-0.221
8:	1.323	-0.331
9:	-0.442	-0.887
10:	-0.712	-1.915



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414334. __0
TARGET NUMBER: 3
FILE DATE: 06/21/2006
FILE TIME: 16:27

	POINT#	X	Y
	1:	-1.054	-0.766
	2:	-0.486	-0.005
	3:	-0.542	0.308
	4:	-0.221	0.413
X CENTROID:	5:	0.114	0.187
Y CENTROID:	6:	0.485	0.451
POA TO CENTROID:	7:	0.366	-0.308
HORZ SPREAD:	8:	0.827	-0.498
VERT SPREAD:	9:	1.060	0.991
GROUP SPREAD:	10:	-0.092	0.148
MIN RADIUS:		0.117	
MAX RADIUS:		1.395	
MEAN RADIUS:		0.666	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	

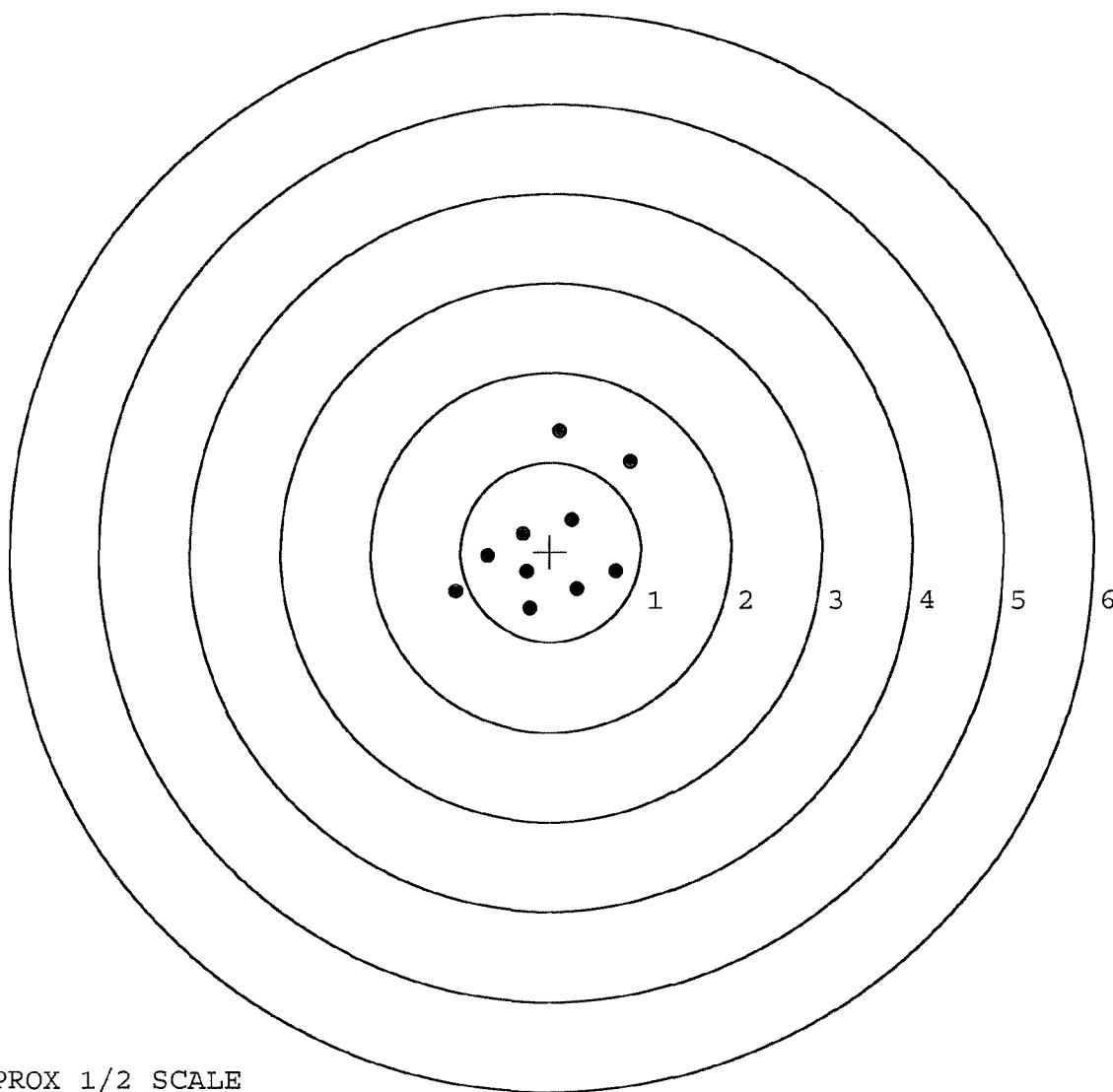


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414334. __0
TARGET NUMBER: 4
FILE DATE: 06/21/2006
FILE TIME: 16:27

X CENTROID: -0.030
Y CENTROID: 0.089
POA TO CENTROID: 0.094
HORZ SPREAD: 1.934
VERT SPREAD: 1.984
GROUP SPREAD: 2.423
MIN RADIUS: 0.304
MAX RADIUS: 1.295
MEAN RADIUS: 0.766
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

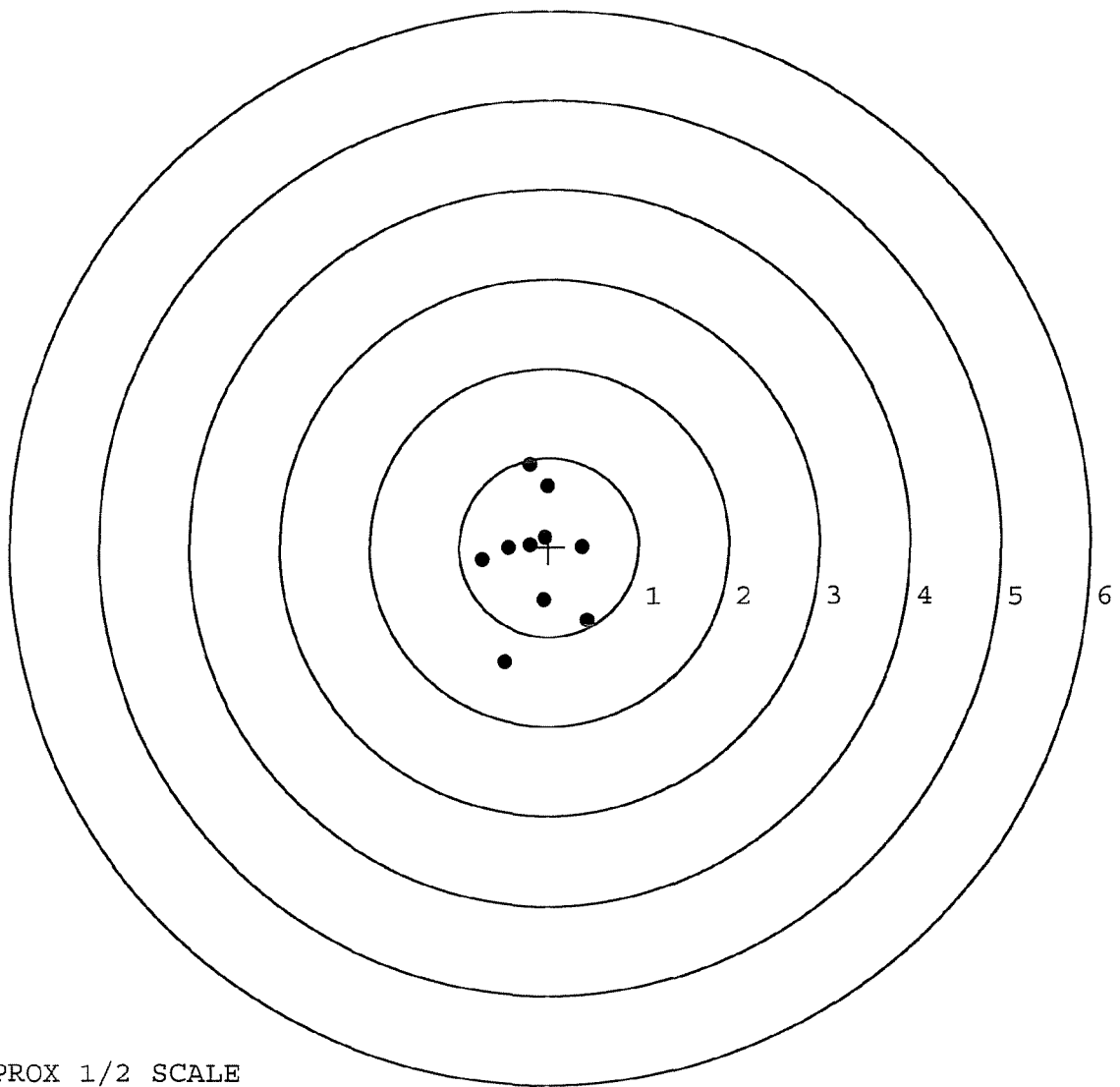
POINT#	X	Y
1:	0.103	1.349
2:	0.885	1.006
3:	0.239	0.355
4:	-0.312	0.201
5:	-0.262	-0.228
6:	-0.699	-0.055
7:	-1.049	-0.454
8:	-0.227	-0.635
9:	0.298	-0.423
10:	0.727	-0.229



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414334. __0
TARGET NUMBER: 5
FILE DATE: 06/21/2006
FILE TIME: 16:27

	POINT#	X	Y
	1:	-0.215	0.922
	2:	-0.017	0.680
	3:	-0.207	0.025
	4:	-0.447	-0.019
X CENTROID:	5:	-0.741	-0.150
Y CENTROID:	6:	-0.056	-0.596
POA TO CENTROID:	7:	0.433	-0.821
HORZ SPREAD:	8:	0.380	0.002
VERT SPREAD:	9:	-0.490	-1.287
GROUP SPREAD:	10:	-0.040	0.111
MIN RADIUS:		0.154	
MAX RADIUS:		1.225	
MEAN RADIUS:		0.632	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

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

6 of 10

R & E NUMBER	00113115		Mark Manship Training Center	
SERIAL NUMBER	C6587715		B6414334	
LOG-IN DATE	6-1-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-5-06	AC
505	RE-BARREL		6-6-06	AC
560	ASSEMBLE		6-6-06	AC
600	PROOF	MAGNA-FLUX INSPECTED JUN 09 2006 OPERATOR <u>GPD</u>	6-7-06	R.P.
605	CHECK HEADSPACE		6-7-06	R.P.
610	DIS-ASSEMBLE GUN		6-9-06	AC
612	MAGNAFLUX		6-9-06	APD
510	DRILL AND TAP		6-8-06	TRW
615	ROLLMARK CALIBER		6-9-06	CW
618	ROTO-BLAST		6-9-06	LB
620	APPLY COATINGS		6/13/06	TS
625	FINAL ASSEMBLY		6-19-06	R.P.D.
640	FUNCTION TEST AND	PASS	FAIL	6-21-06 mth
650	TARGET	PASS	FAIL	6-21-06 mth
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-21-06	mth
	A) HEADSPACE	PASS	FAIL	6-21-06 mth
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	9 lbs 9 lbs 9 lbs	6-21-06 mth
	G) SAFETY OFF FORCE	2 LBS MIN	6 lbs 6 lbs 6 lbs	6-21-06 mth
	I) FIRING PIN INDENT	.020	.023 .023 .023	6-21-06 mth
690	PACK		7-5-06	DA

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: **RE00068097** Serial: C6587715 Model 700 Center Fire Caliber: 7 Repairman: _____
 Verify Repair 62 NATO M/24 SWS Status: Closed 7/28/2003 11:16:24 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **USPFO FOR ARK** **USPFO FOR ARK**

Address 1: **CAMP J T ROBINSON** **CAMP J T ROBINSON**

Address 2: _____ PO Box: _____ PO Box: _____

City: **NORTH LITTLE ROCK** **NORTH LITTLE ROCK**

State: **AR** Zip Code: **72119** Country: **US** State: **AR** Zip Code: **72119** Country: **US**

FFL: _____

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing												
Contact Information Phone: _____ Fax: _____ Email: _____ Comments: _____	Received Condition Fair Condition Notes: _____ CSR Notes: _____	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>C000</td> <td>FRONT AND REAR B.</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	C000	FRONT AND REAR B.	1		
Code	Desc	Qty														
A007	With Stud	3														
A017	Scope Base	1														
C000	FRONT AND REAR B.	1														

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

naglelj 7/28/2003 12:51 PM CAPS NUM INS SCPL
 start 6 Mon 4 Mon Arms Se... My Excl... Malfunction 2 Mon Pat Use 12:51 PM

Serial Number: **C6587715**

Model: **700**



RE00068097

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587715.__0

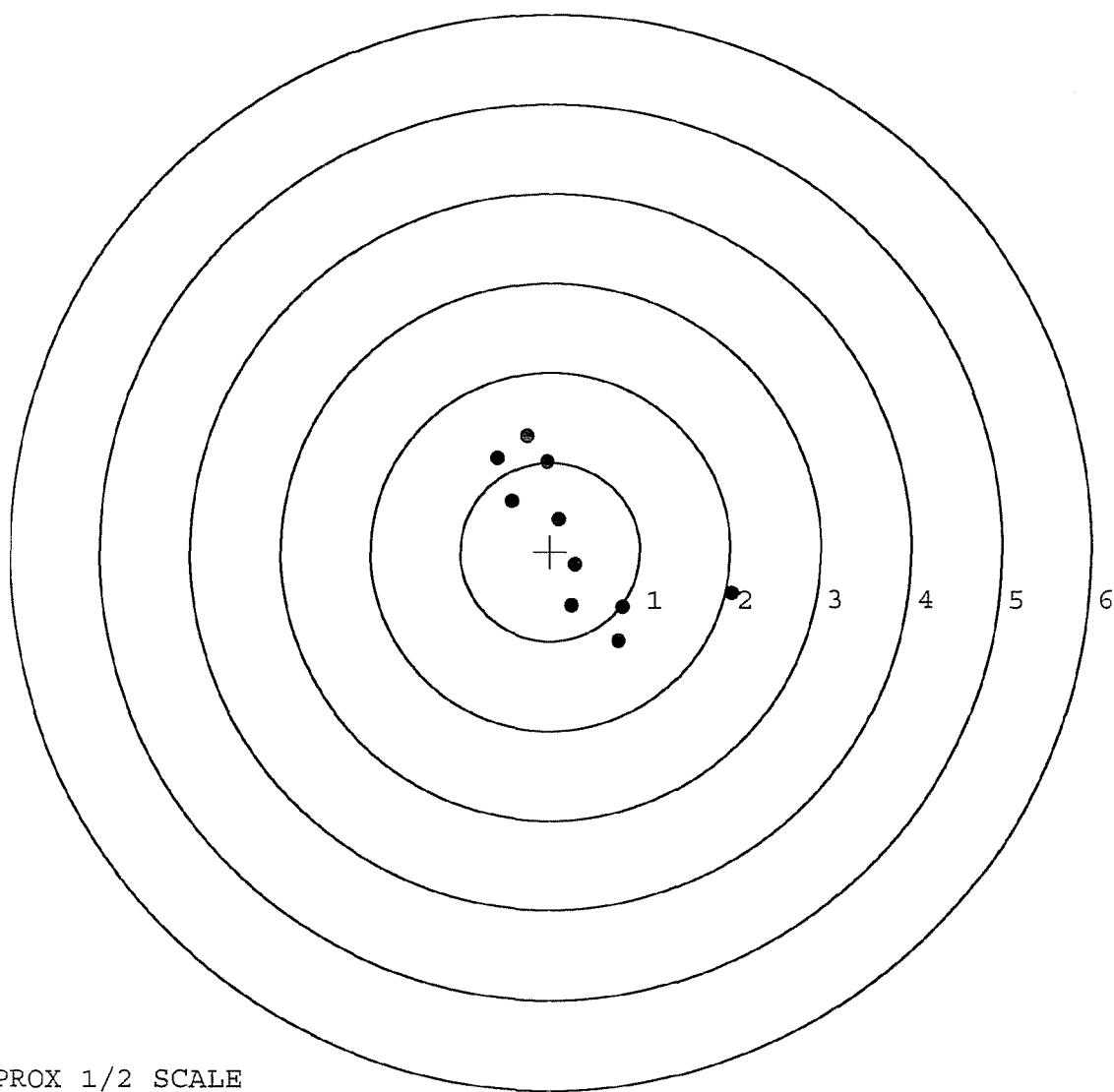
FILE DATE AND TIME: 08/22/2003 08:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.038
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.322
The Distance from Centroid Target #2 to Centroid Target #1:	0.335
The Distance from Centroid Target #3 to Centroid Target #1:	0.307
The Distance from Centroid Target #4 to Centroid Target #1:	0.473
The Distance from Centroid Target #5 to Centroid Target #1:	0.663

SERIAL NUMBER: C6587715. __0
TARGET NUMBER: 1
FILE DATE: 08/22/2003
FILE TIME: 08:10

	POINT#	X	Y
	1:	-0.255	1.294
	2:	-0.588	1.046
	3:	-0.039	1.012
	4:	-0.433	0.566
X CENTROID:	5:	0.095	0.366
Y CENTROID:	6:	0.281	-0.153
POA TO CENTROID:	7:	0.246	-0.612
HORZ SPREAD:	8:	0.808	-0.632
VERT SPREAD:	9:	0.766	-1.013
GROUP SPREAD:	10:	2.017	-0.477
MIN RADIUS:		0.293	
MAX RADIUS:		1.834	
MEAN RADIUS:		0.966	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		9	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587715. __0

TARGET NUMBER: 2

FILE DATE: 08/22/2003

FILE TIME: 08:10

POINT#	X	Y
1:	-0.538	0.780
2:	-0.631	0.439
3:	-0.044	0.491
4:	-0.139	0.230
5:	0.771	-0.059
6:	0.383	-0.713
7:	0.112	-0.280
8:	0.015	-0.438
9:	-0.075	-0.049
10:	-0.032	-0.343

X CENTROID: -0.018

Y CENTROID: 0.006

POA TO CENTROID: 0.019

HORZ SPREAD: 1.402

VERT SPREAD: 1.493

GROUP SPREAD: 1.754

MIN RADIUS: 0.079

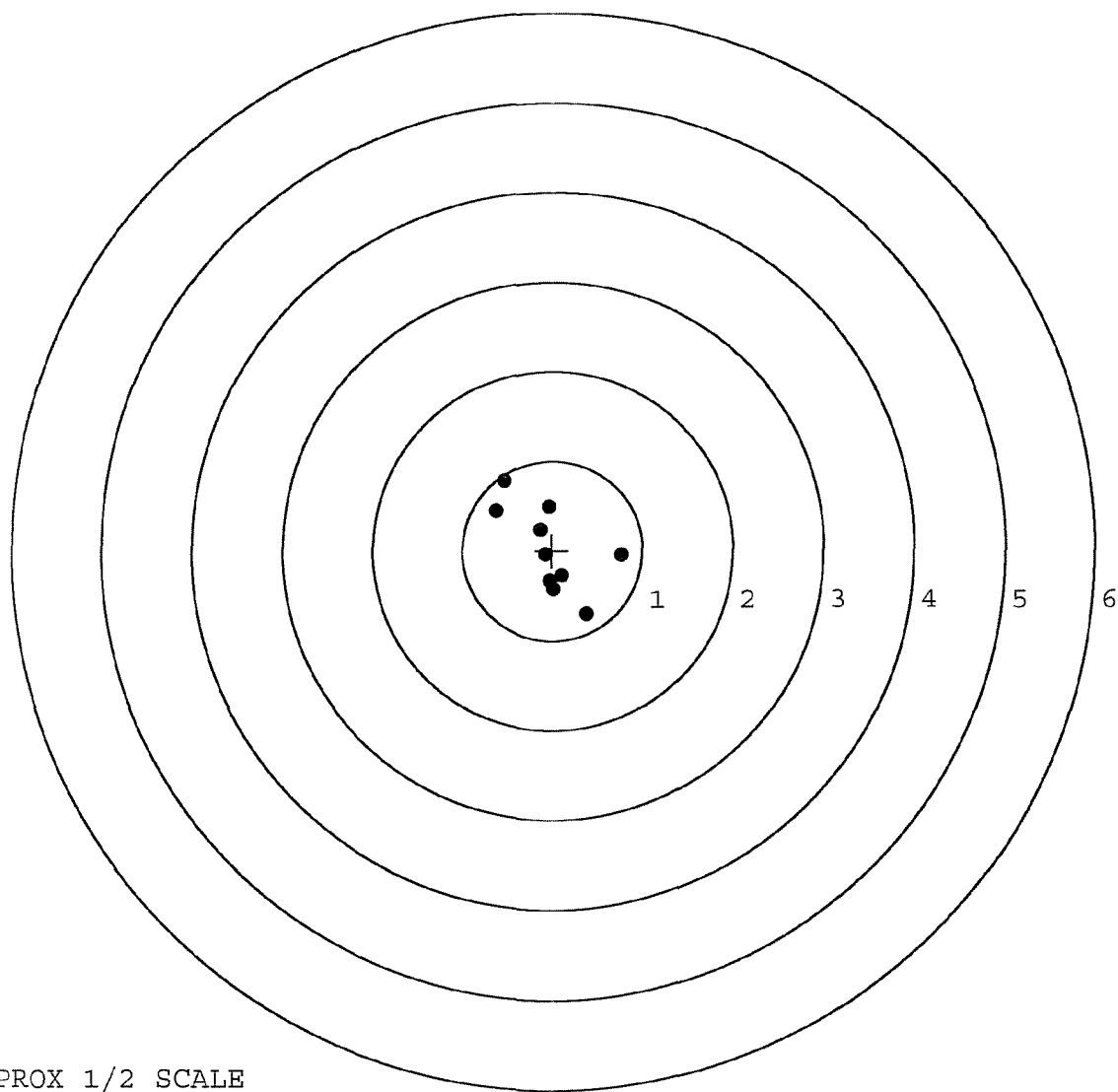
MAX RADIUS: 0.933

MEAN RADIUS: 0.523

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

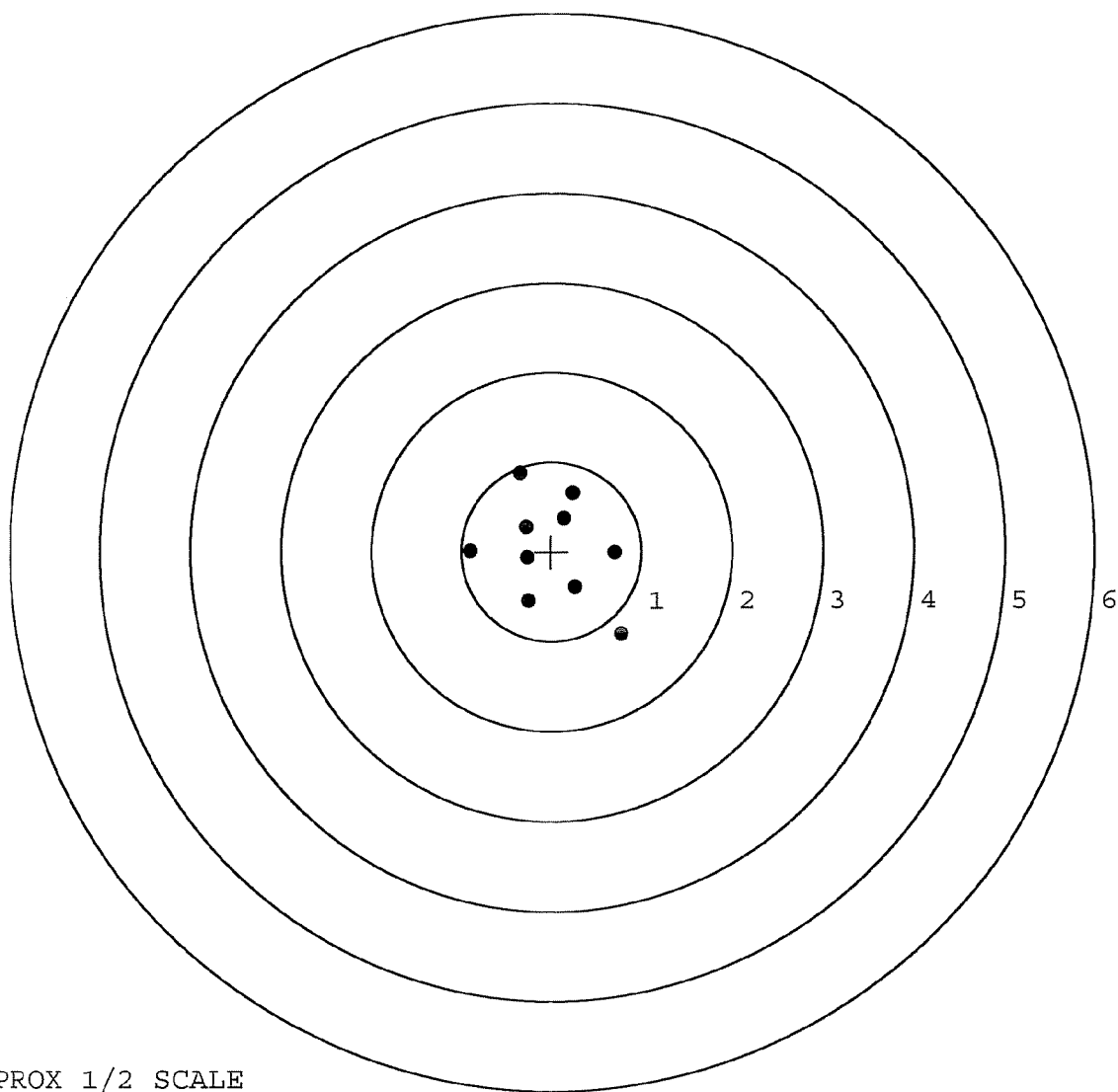


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587715. __0
TARGET NUMBER: 3
FILE DATE: 08/22/2003
FILE TIME: 08:10

X CENTROID: 0.006
Y CENTROID: 0.024
POA TO CENTROID: 0.025
HORZ SPREAD: 1.678
VERT SPREAD: 1.799
GROUP SPREAD: 2.120
MIN RADIUS: 0.292
MAX RADIUS: 1.220
MEAN RADIUS: 0.661
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.238	0.658
2:	0.144	0.378
3:	-0.281	0.275
4:	-0.904	0.013
5:	-0.271	-0.068
6:	-0.259	-0.556
7:	0.261	-0.398
8:	0.704	-0.012
9:	0.774	-0.924
10:	-0.348	0.875



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587715. __0

TARGET NUMBER: 4

FILE DATE: 08/22/2003

FILE TIME: 08:10

POINT#	X	Y
1:	-0.839	0.594
2:	-1.161	0.134
3:	-0.544	-0.405
4:	-0.293	-0.591
5:	0.529	0.195
6:	-0.025	0.215
7:	0.294	-0.316
8:	0.293	-0.084
9:	0.045	-0.110
10:	0.186	0.049

X CENTROID: -0.152

Y CENTROID: -0.032

POA TO CENTROID: 0.155

HORZ SPREAD: 1.690

VERT SPREAD: 1.185

GROUP SPREAD: 1.691

MIN RADIUS: 0.211

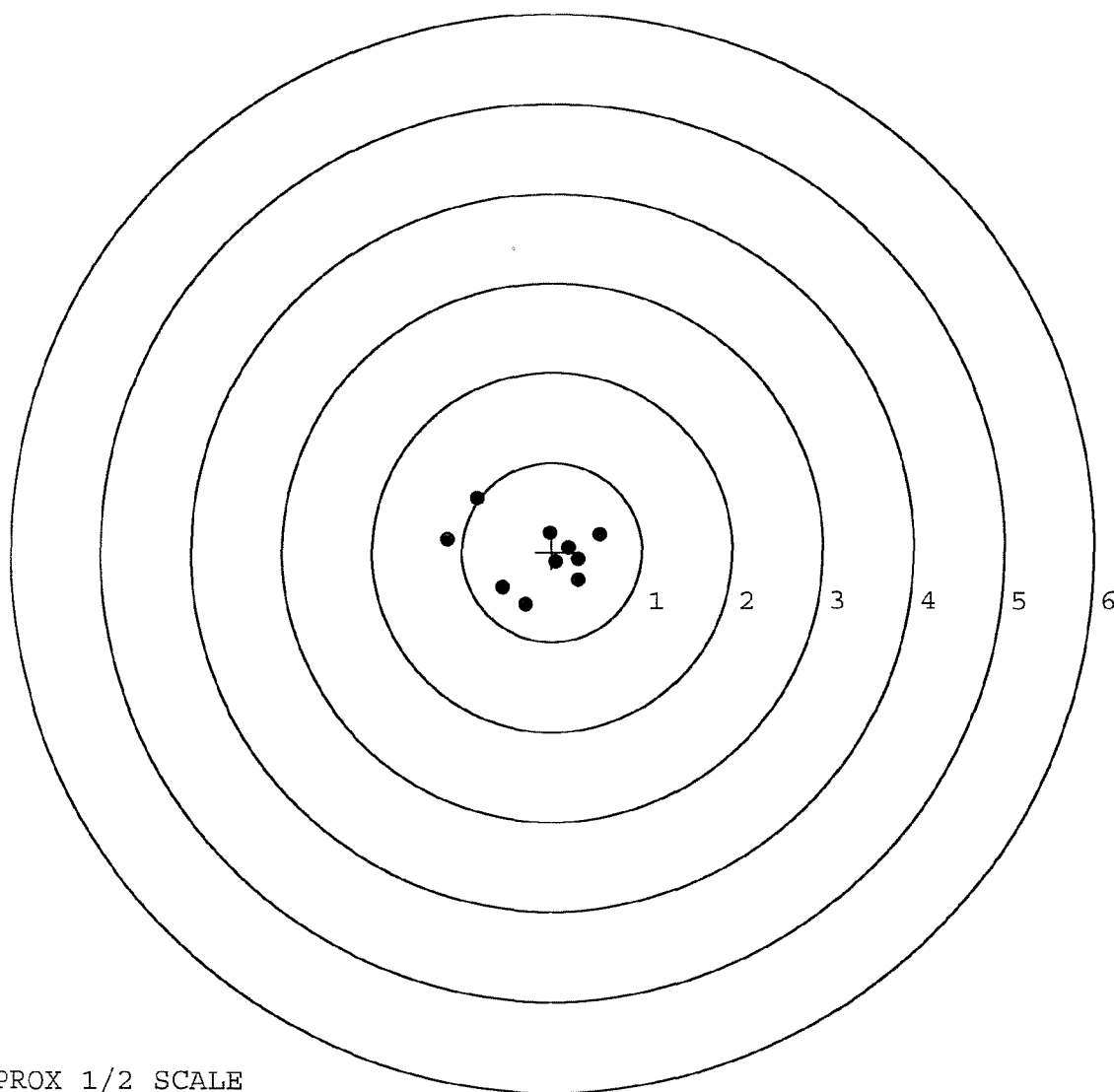
MAX RADIUS: 1.023

MEAN RADIUS: 0.560

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587715. __0

TARGET NUMBER: 5

FILE DATE: 08/22/2003

FILE TIME: 08:10

X CENTROID: -0.316

Y CENTROID: -0.132

POA TO CENTROID: 0.342

HORZ SPREAD: 2.163

VERT SPREAD: 1.315

GROUP SPREAD: 2.293

MIN RADIUS: 0.326

MAX RADIUS: 1.215

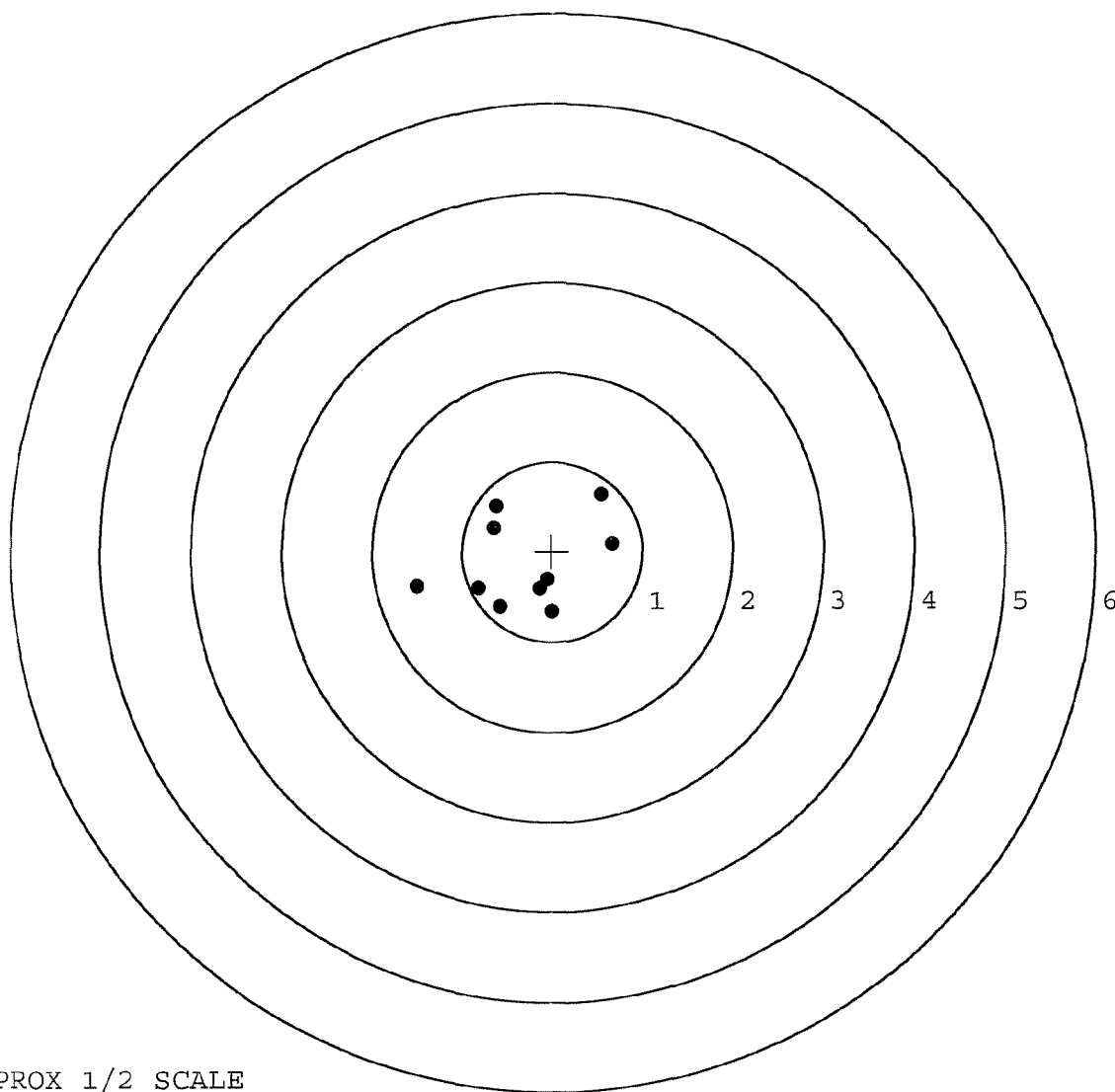
MEAN RADIUS: 0.702

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.541	0.646
2:	0.662	0.091
3:	-0.621	0.512
4:	-0.652	0.266
5:	-0.819	-0.412
6:	-0.576	-0.617
7:	-0.048	-0.317
8:	-0.005	-0.669
9:	-1.501	-0.398
10:	-0.136	-0.417



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	C08097		
SERIAL NUMBER	C6587715		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-30-03	RTL
560 A	RE-BARREL	8-11-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE MAGNA-FLUX	8-11-03	RTL
600	PROOF INSPECTED	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TA
625 A	FINAL ASSEMBLY	8-15-03	LW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-22-03	AC
655	FINAL INSPECT	8-22-03	LW
660	PACK	8-25-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-21339

INITIAL
JJM

CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE, DEPLOYMENT KIT

S/N 90-0642

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

07/15/94

07/18/94

C6587715

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel
Stock
Trigger Assy
Firing Pin Assy
Mag. Box
Mag Spring
Mag Follower
Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

4/18/96

4/18/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400001542

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587715
DATE 4-18-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.67	2.50	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.67	2.64	2.65	
PULL #3	2.43	2.54	2.64	
PULL #4	2.42	2.37	2.72	
PULL #5	2.44	2.58	2.54	
TOTAL	12.63	12.63	13.18	
AVG.	2.52	2.52	2.63	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.10	3.05	
PULL #2	3.31	3.05	
PULL #3	3.36	3.00	
PULL #4	3.34	3.19	
PULL #5	3.32	3.11	
TOTAL	16.43	15.40	
AVG.	3.28	3.08	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.09		4.27
PULL #2	4.31	4.12		4.05
PULL #3	4.35	4.22		4.26
PULL #4	4.34	4.17		4.14
PULL #5	4.40	4.19		4.04
TOTAL	21.66	20.79		20.76
AVG.	4.33	4.15		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587715
22 Feb 1900

CENTROIDAL DISTANCES

0	TO	1	.603703
1	TO	2	1.04184
1	TO	3	.82816
1	TO	4	.482996
1	TO	5	.901586

253

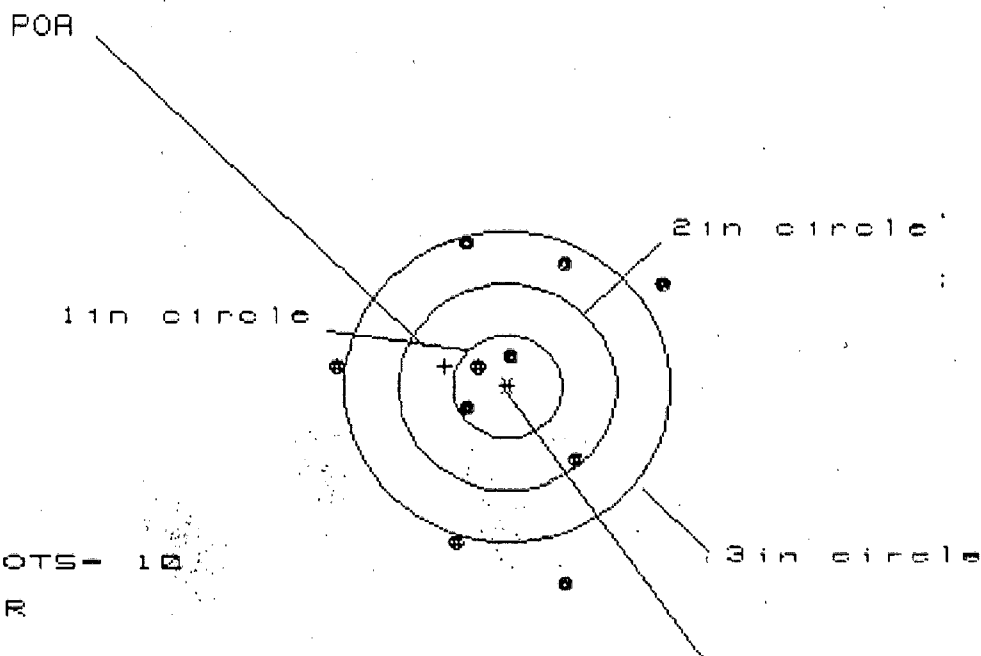
+^a, <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2246
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .341
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .408321
THE AMR FOR THIS RIFLE IS: 1.102

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587715.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 6

HS= 3.035

VS= 3.312

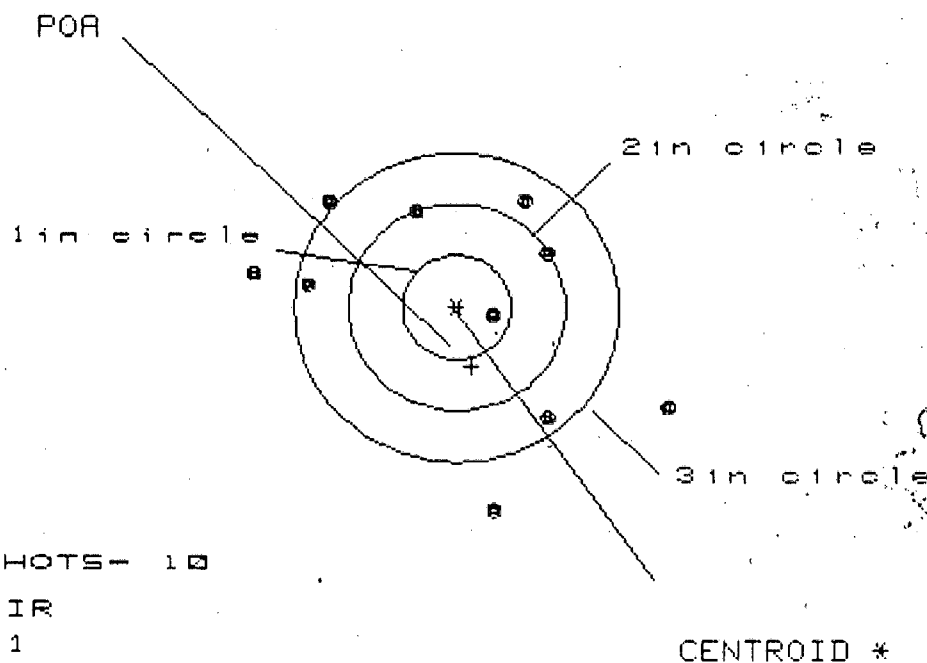
GS= 3.437

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.437	1.493	.868
MINIMUM X	:	-1.598	-1.542	-1.355
MAXIMUM Y	:	1.408	1.196	1.296
MINIMUM Y	:	-1.904	-1.718	-1.618
CENTROID X	:	.571	.515	.328
CENTROID Y	:	-.196	.016	-.084
POA TO CENTROID in.	:	.603	.515	.339
MIN RADIUS	:	.306	.105	.107
MEAN RADIUS	:	1.177	1.049	.956
MAX RADIUS	:	1.969	1.767	1.634
HORIZONTAL SPREAD	:	3.035	3.035	2.223
VERTICAL SPREAD	:	3.312	2.914	2.914
EXTREME SPREAD	:	3.437	3.160	2.915
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	6		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587715.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 6

HS= 3.804

VS= 3.046

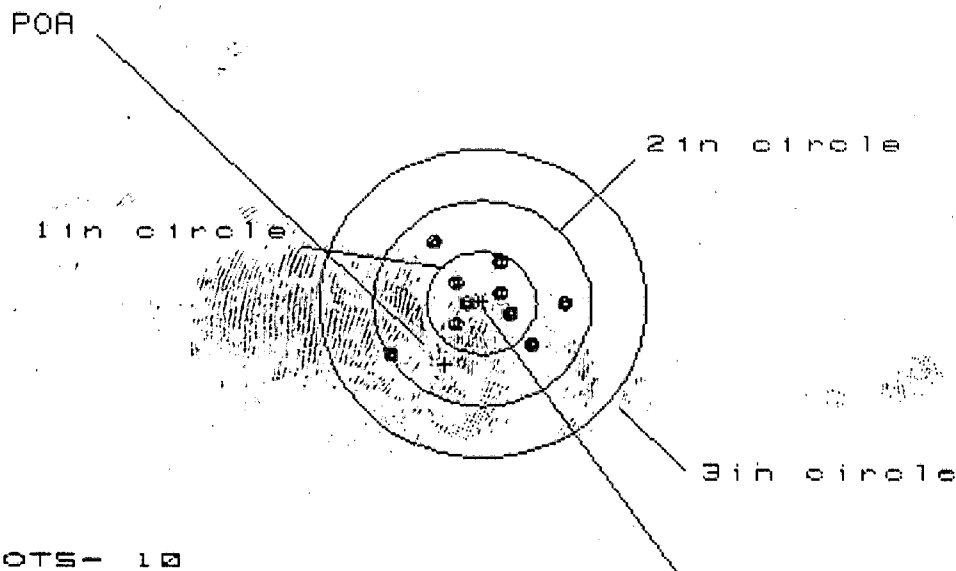
GS= 4.006

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.904	1.038	1.102
MINIMUM X	:	-1.900	-1.688	-1.624
MAXIMUM Y	:	1.061	.954	.692
MINIMUM Y	:	-1.985	-2.092	-1.482
CENTROID X	:	-.133	-.345	-.409
CENTROID Y	:	.572	.679	.941
POA TO CENTROID in.	:	.588	.762	1.026
MIN RADIUS	:	.364	.596	.602
MEAN RADIUS	:	1.401	1.311	1.162
MAX RADIUS	:	2.134	2.154	1.847
HORIZONTAL SPREAD	:	3.804	2.726	2.726
VERTICAL SPREAD	:	3.046	3.046	2.174
EXTREME SPREAD	:	4.006	3.317	3.067
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	2		
NUMBER IN THREE INCH CIRCLE =	:	6		

22 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587715.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 6

2in = 10

3in = 10

HS= 1.586

VS= 1.139

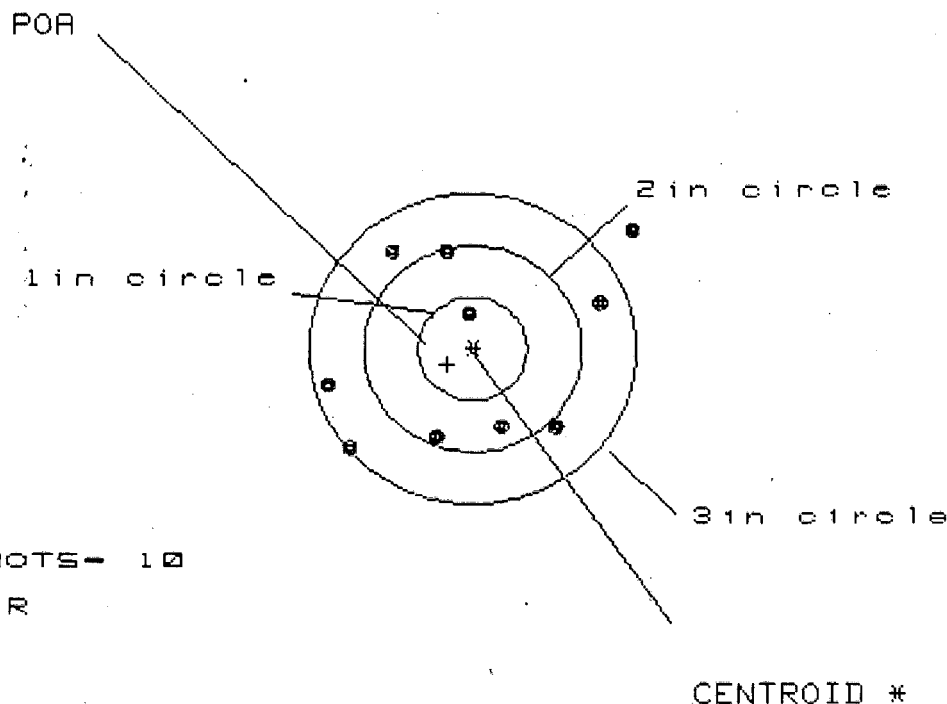
GS= 1.653

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.740	.646	.485
MINIMUM X	:	-.846	-.484	-.404
MAXIMUM Y	:	.623	.565	.552
MINIMUM Y	:	-.516	-.452	-.465
CENTROID X	:	.339	.433	.353
CENTROID Y	:	.599	.657	.670
POA TO CENTROID in.	:	.689	.787	.757
MIN RADIUS	:	.119	.025	.106
MEAN RADIUS	:	.479	.412	.379
MAX RADIUS	:	.991	.745	.684
HORIZONTAL SPREAD	:	1.586	1.130	.889
VERTICAL SPREAD	:	1.139	1.017	1.017
EXTREME SPREAD	:	1.653	1.351	1.351
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6582715.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.810

VS= 2.077

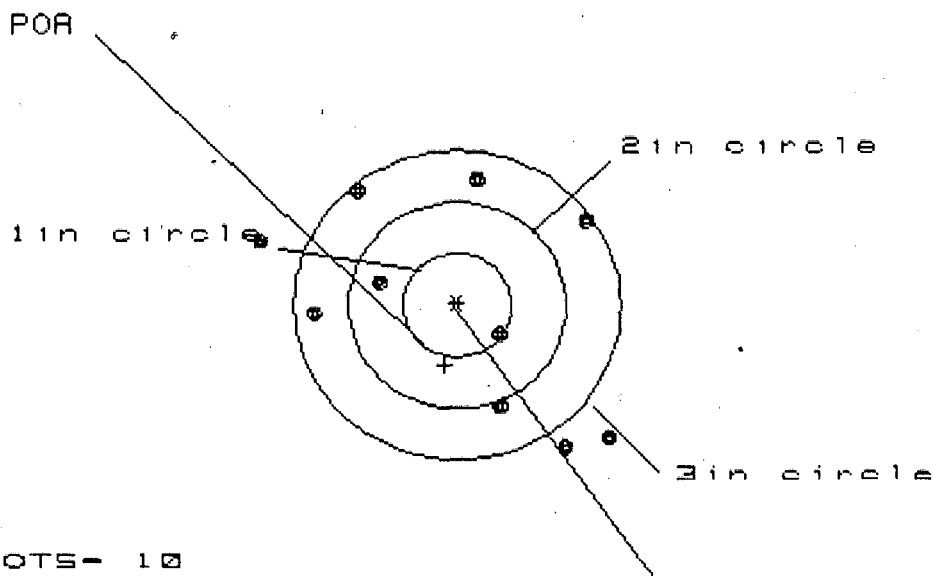
GS= 3.304

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.457	1.356	1.237
MINIMUM X	:	-1.353	-1.191	-1.310
MAXIMUM Y	:	1.114	1.061	.956
MINIMUM Y	:	-.963	-.839	-.804
CENTROID X	:	.234	.072	.191
CENTROID Y	:	.150	.026	.131
POA TO CENTROID in.	:	.278	.077	.232
MIN. RADIUS	:	.317	.465	.337
MEAN RADIUS	:	1.121	1.032	.988
MAX RADIUS	:	1.834	1.463	1.353
HORIZONTAL SPREAD	:	2.810	2.547	2.547
VERTICAL SPREAD	:	2.077	1.900	1.760
EXTREME SPREAD	:	3.304	2.693	2.666
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06587715.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.256

VS= 2.617

GS= 3.728

PATTERN # : 5

SHOTS (BEST OF) : 10 8

MAXIMUM X	: 1.396	1.189	1.171
MINIMUM X	: -1.860	-1.492	-1.343
MAXIMUM Y	: 1.225	1.289	1.141
MINIMUM Y	: -1.392	-1.328	-1.476
CENTROID X	: .112	.319	.170
CENTROID Y	: .580	.516	.664
POA TO CENTROID in.	: .590	.606	.685
MIN RADIUS	: .527	.327	.536
MEAN RADIUS	: 1.332	1.246	1.187
MAX RADIUS	: 1.946	1.675	1.758
HORIZONTAL SPREAD	: 3.256	2.681	2.514
VERTICAL SPREAD	: 2.617	2.617	2.617
EXTREME SPREAD	: 3.728	3.300	3.168

NUMBER IN ONE INCH CIRCLE = 0

NUMBER IN TWO INCH CIRCLE = 2

NUMBER IN THREE INCH CIRCLE = 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587715

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	9	9	9			5/14/96	RW
	G) Safety Off Force	4	4	4			5/14/96	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.025	.024	.023			5/14/96	RW
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.54	2.33	2.44	2.44	2.53	5/14/96	RW
	C) Function							
660	Pack							

Remington
 MODEL 700™ H24

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

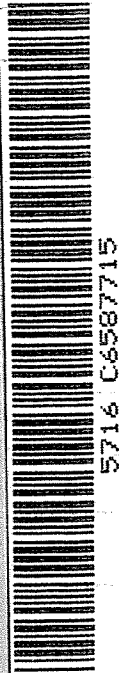
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6587715

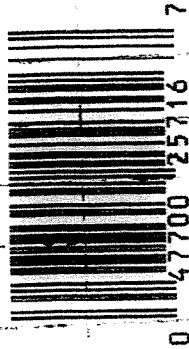
ORDER NO.
 5716

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

101



UPC



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587715

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	Rw
600	Proof	10 9	90	Rw
607	Check Headspace	10 9	90	Rw
610	Dis-assemble Gun	10 9	90	Rw
612	Magnaflux Barrel Action		10/17/90	KR
	Magnaflux Bolt		10/17/90	RZ
615	Rollmark Caliber		10/17/90	JS
617	Drill and Tap Sight Holes		10/18/90	WJ
618	Polish Barrel <i>PRB</i>		10/19/90	WJ
620	Apply Coatings (Barrel Action)		10/19/90	WJ
	Apply Coating (Bolt)		10/19/90	WJ
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	Rw
	C) Inspect Ejector Hole for Chamfer		11/7/90	Rw
	D) Oil Firing Pin Ass'y		11/7/90	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-90	JS

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3 3/4	3 3/4	3 3/4	11/15/90	WB		
	G) Safety Off Force	2	2	2	11/15/90	WB		
	H) Trigger Pull Test & Retainability				11/14/90	JLP		
	I) Firing Pin Indent	.022	.022	.022	11/15/90	WB		
	J) Assemble Stock				11/15/90	Rw		
	K) Assemble Swivel Studs				11-20-90	DH		
	L) Attach Front and Rear Sight Assemblies				11/15/90	Rw		
	M) Iron Sight Alignment				11/15/90	Rw		
	N) Detach Front & Rear Sights & place in numbered container				11/15/90	Rw		
	O) Attach Scope to Rifle				11/15/90	Rw		
	P) Detach & Attach Scope 20 Times				11/15/90	Rw		
640	Gallery Target & Test				11-17-90	DA		
	A) Time				11-17-90	DA		
	B) Malfunctions				11-17-90	DA		
	C) Pierced Primers				11-17-90	DA		
	D) Optical Clarity of Scope				11-17-90	DA		
645	Inspect for Live Ammo				11-17-90	DA		
655	Final Inspection							
	A) Headspace				11-20-90	DA		
	B) Trigger Pull	2.49	2.38	2.30	2.35	2.33	11-20-90	DA
	C) Function						11-20-90	DA
660	Pack						12/19/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6587715

DATE 11-14-90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.18	2.20	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.35	2.37	2.38	
PULL #3	2.44	2.46	2.23	2.30	
PULL #4	2.41	2.30	2.47	2.35	
PULL #5	2.35	2.42	2.48	2.33	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.32		
PULL #2	3.39	3.36		
PULL #3	3.37	3.38		
PULL #4	3.22	3.38		
PULL #5	3.32	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.34		4.18
PULL #2	4.32	4.28		4.38
PULL #3	4.29	4.24		4.36
PULL #4	4.23	4.24		4.34
PULL #5	4.22	4.31		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587715
17 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.330723
1 TO	2	.418044
1 TO	3	.613622
1 TO	4	.393154
1 TO	5	.523546

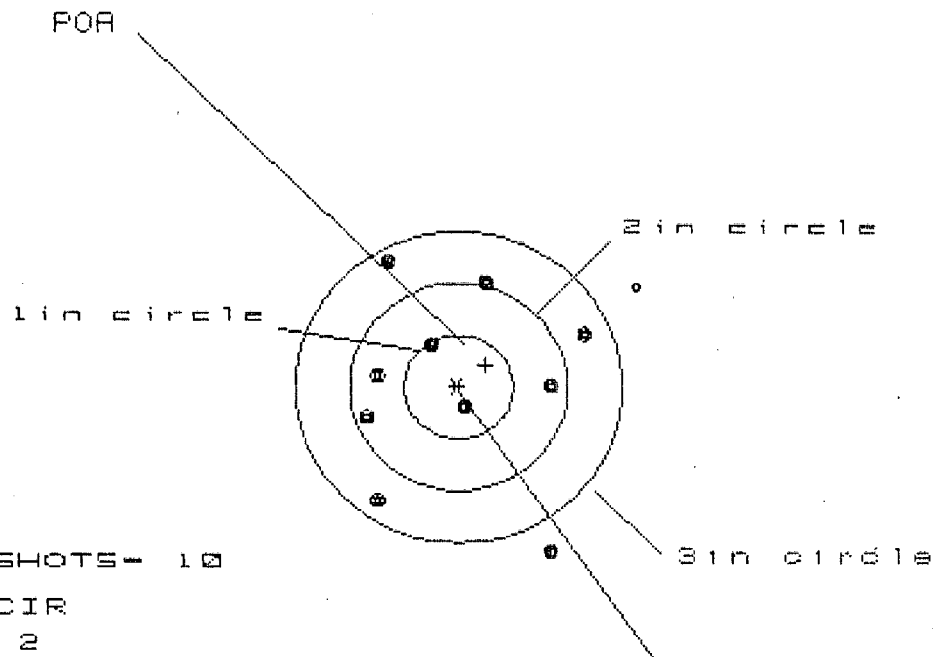
1和 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0602545
THE AMR FOR THIS RIFLE IS: .9246

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587715

CENTERFIRE PATTERNS # 1



HS= 1.966
VS= 2.750
GS= 3.126

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	1.243	1.175
MINIMUM X	:	-.817	-.723	-.790
MAXIMUM Y	:	1.179	1.004	.934
MINIMUM Y	:	-1.571	-1.258	-1.132
CENTROID X	:	-.253	-.347	-.280
CENTROID Y	:	-.213	-.038	-.164
POA TO CENTROID in.	:	.330	.349	.324
MIN RADIUS	:	.248	.255	.304
MEAN RADIUS	:	1.000	.890	.856
MAX RADIUS	:	1.787	1.433	1.360
HORIZONTAL SPREAD	:	1.966	1.966	1.966
VERTICAL SPREAD	:	2.750	2.262	2.066
EXTREME SPREAD	:	3.126	2.527	2.527
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

CENTROID #

HS= 2.247

VS= 2.694

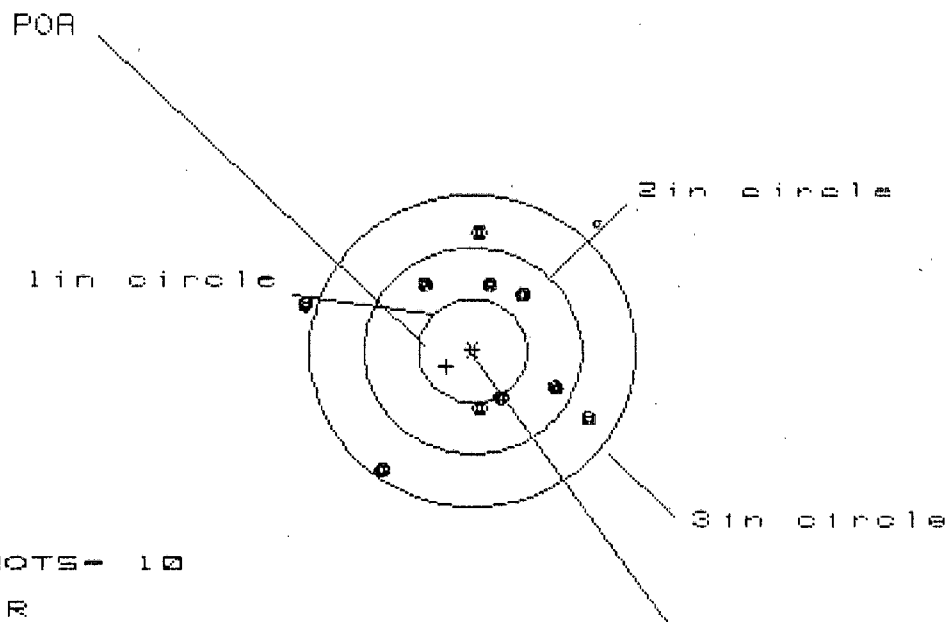
GS= 2.997

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.217	.867	.813
MINIMUM X	:	-1.030	-.895	-.949
MAXIMUM Y	:	1.381	1.503	1.354
MINIMUM Y	:	-1.313	-1.191	-.820
CENTROID X	:	.016	-.119	-.065
CENTROID Y	:	.107	-.015	.134
POA TO CENTROID in.	:	.108	.120	.149
MIN RADIUS	:	.339	.289	.253
MEAN RADIUS	:	.946	.844	.789
MAX RADIUS	:	1.637	1.511	1.358
HORIZONTAL SPREAD	:	2.247	1.762	1.762
VERTICAL SPREAD	:	2.694	2.694	2.174
EXTREME SPREAD	:	2.997	2.757	2.216
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 6

3 in - 9

HS= 2.550

VS= 2.286

GS= 2.774

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.838	.715
MINIMUM X	:	-1.540	-.984	-.694
MAXIMUM Y	:	1.132	1.177	1.038
MINIMUM Y	:	-1.154	-1.109	-.778
CENTROID X	:	.241	.412	.535
CENTROID Y	:	.151	.106	.245
POA TO CENTROID in.	:	.284	.425	.588
MIN RADIUS	:	.543	.431	.450
MEAN RADIUS	:	.932	.830	.732
MAX RADIUS	:	1.594	1.482	1.059
HORIZONTAL SPREAD	:	2.550	1.822	1.409
VERTICAL SPREAD	:	2.286	2.286	1.816
EXTREME SPREAD	:	2.774	2.456	2.037
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

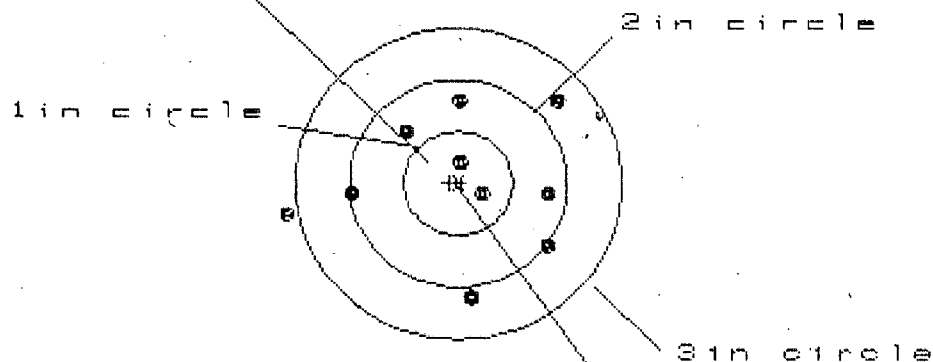
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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.472

VS= 1.894

GS= 2.740

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.985	.731	.764
MINIMUM X	:	-1.567	-1.171	-1.079
MAXIMUM Y	:	.844	.807	.830
MINIMUM Y	:	-1.050	-1.087	-.987
CENTROID X	:	.080	.254	.162
CENTROID Y	:	-.004	.033	-.067
POA TO CENTROID in.	:	.080	.256	.176
MIN RADIUS	:	.165	.156	.176
MEAN RADIUS	:	.864	.756	.719
MAX RADIUS	:	1.603	1.177	1.079
HORIZONTAL SPREAD	:	2.472	1.902	1.843
VERTICAL SPREAD	:	1.894	1.894	1.817
EXTREME SPREAD	:	2.740	2.116	1.919
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.684

VS= 2.080

GS= 2.701

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.267	1.110	1.110
MINIMUM X	-1.417	-.777	-.777
MAXIMUM Y	.728	.790	.629
MINIMUM Y	-1.352	-1.290	-.973
CENTROID X	.207	.364	.364
CENTROID Y	.037	-.025	.136
POA TO CENTROID in.	.210	.365	.389
MIN RADIUS	.199	.187	.026
MEAN RADIUS	.881	.806	.709
MAX RADIUS	1.523	1.290	1.246
HORIZONTAL SPREAD	2.684	1.887	1.887
VERTICAL SPREAD	2.080	2.080	1.602
EXTREME SPREAD	2.701	2.202	2.202
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	