

C-6225052

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

151973

SERIAL NUMBER

C6225052

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	3-27-09	TL
460	CHECK HEADSPACE	3-27-09	TL
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX	4/2/09	RTZ
510	DRILL AND TAP	3-28-09	SP
500	ROLLMARK CALIBER	4/2/09	RT
520	GOFF BLAST BBL / REC	4-2	BT
530 & 540	APPLY COATINGS	4-3	
560	FINAL ASSEMBLY	4-9-09	RTZ
640	FUNCTION TEST AND	4-9-09	RP
650	TARGET	4-9-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	4-9-09	RP
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.46 2.46 2.31 2.33 2.35	4-13-09
680	F) SAFETY ON FORCE	6 6 6	4-14-09
	G) SAFETY OFF FORCE	3 3 3	4-14-09
	I) FIRING PIN INDENT	.021 .021 .021	4-14-09
690	PACK	4-14-09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225052.___0
FILE DATE AND TIME: 09/20/2007 22:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.248
The Average Y Centroid of the Five Target Set:	-0.196
The Average Point of Impact of the Five Target Set:	0.316
The Average Mean Radius of the Five Target Set:	0.638
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.025
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.833

BARBER - M24 0047808

SERIAL NUMBER: C6225052. 0

TARGET NUMBER: 1

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	0.295	0.533
2:	0.544	0.257
3:	0.205	0.233
4:	0.081	0.002
5:	0.097	-0.291
6:	-0.052	-0.118
7:	-0.349	0.105
8:	-0.471	-0.447
9:	0.805	-0.239
10:	0.043	0.043

X CENTROID: 0.120

Y CENTROID: 0.008

POA TO CENTROID: 0.120

HORZ SPREAD: 1.276

VERT SPREAD: 0.980

GROUP SPREAD: 1.293

MIN RADIUS: 0.039

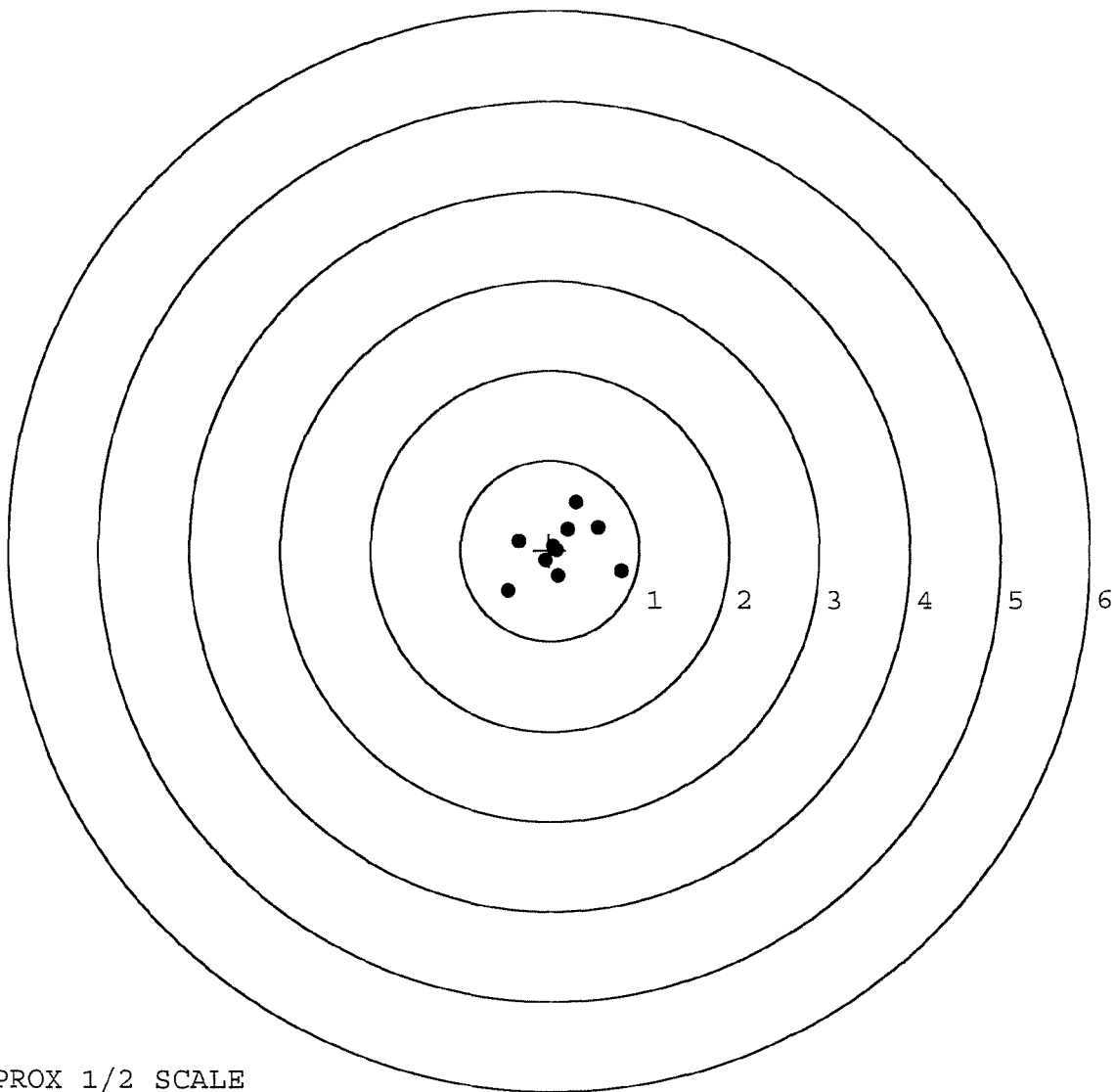
MAX RADIUS: 0.746

MEAN RADIUS: 0.388

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0047809

SERIAL NUMBER: C6225052. 0

TARGET NUMBER: 2

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	0.227	0.188
2:	0.382	0.158
3:	0.364	-0.138
4:	0.233	-0.285
5:	-0.035	-0.496
6:	-0.139	-0.203
7:	-0.410	0.106
8:	0.400	-0.949
9:	1.234	0.531
10:	1.527	0.216

X CENTROID: 0.378

Y CENTROID: -0.087

POA TO CENTROID: 0.388

HORZ SPREAD: 1.937

VERT SPREAD: 1.480

GROUP SPREAD: 1.940

MIN RADIUS: 0.053

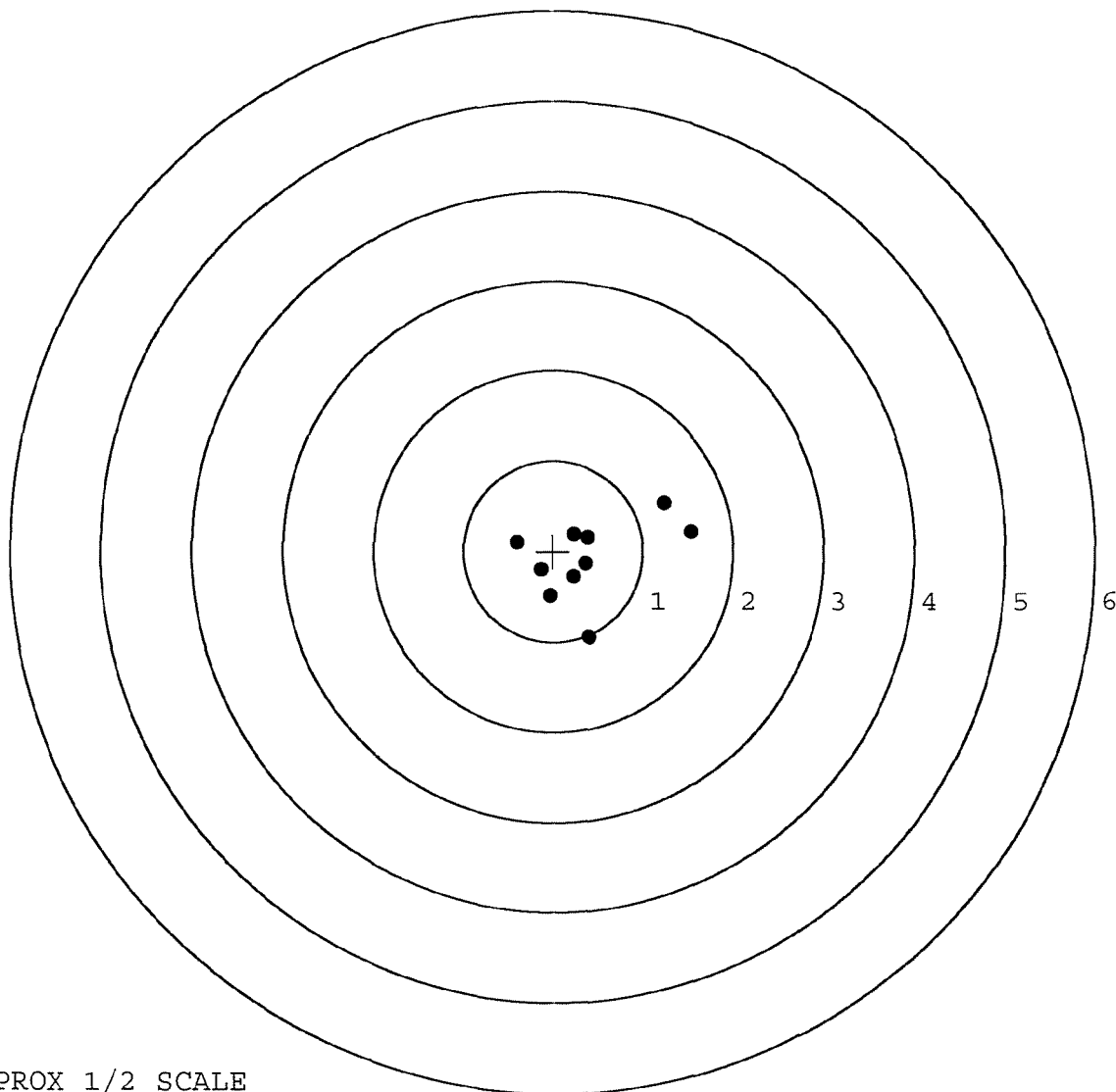
MAX RADIUS: 1.188

MEAN RADIUS: 0.589

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0047810

SERIAL NUMBER: C6225052. 0

TARGET NUMBER: 3

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	-0.572	0.406
2:	-0.553	0.100
3:	-0.222	-0.291
4:	0.044	-0.628
5:	0.404	-0.133
6:	0.694	-0.004
7:	0.396	0.055
8:	0.428	0.151
9:	0.432	0.424
10:	0.363	0.117

X CENTROID: 0.141

Y CENTROID: 0.020

POA TO CENTROID: 0.143

HORZ SPREAD: 1.266

VERT SPREAD: 1.052

GROUP SPREAD: 1.331

MIN RADIUS: 0.242

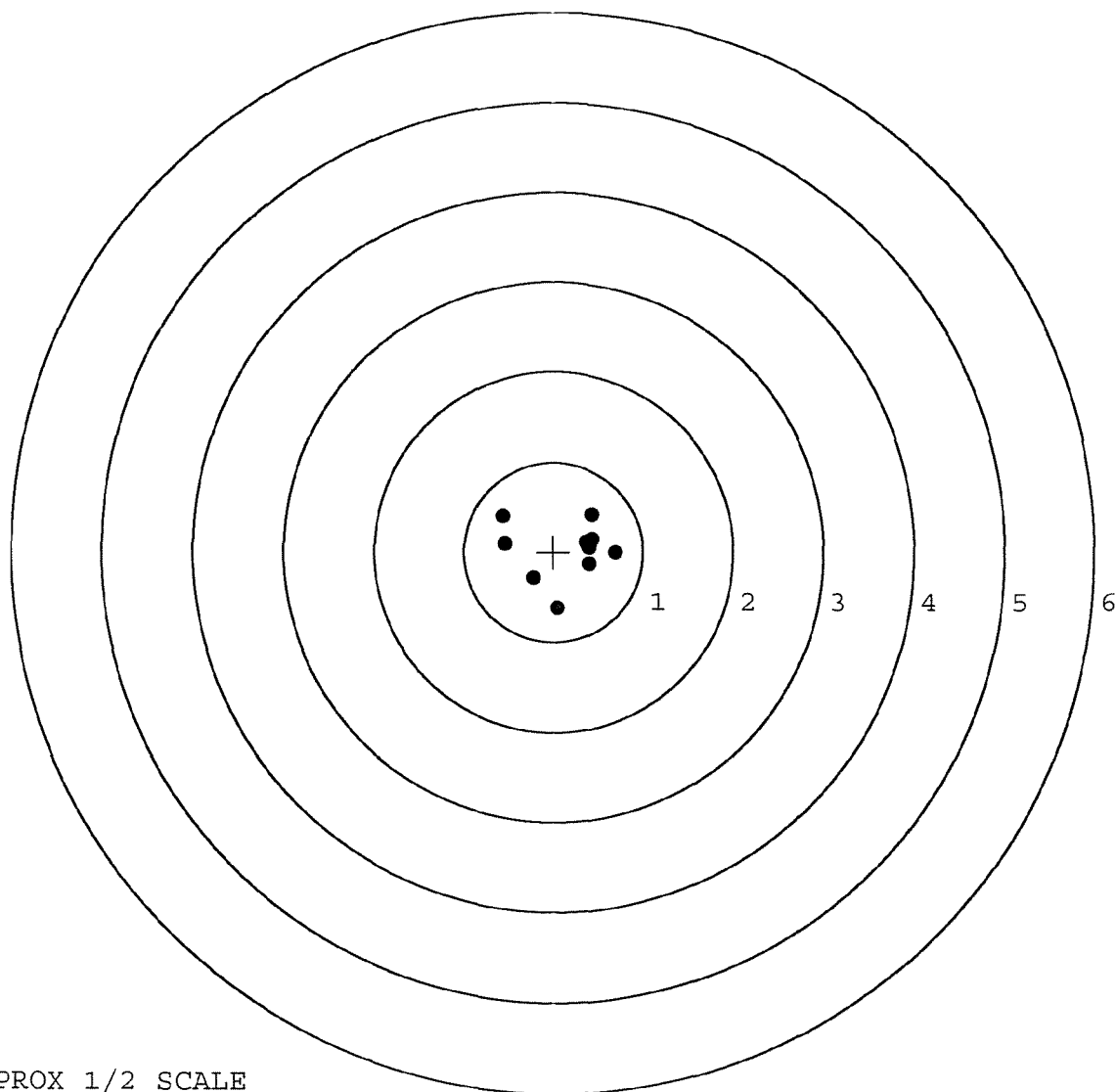
MAX RADIUS: 0.811

MEAN RADIUS: 0.481

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0047811

SERIAL NUMBER: C6225052. 0

TARGET NUMBER: 4

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	-0.009	0.603
2:	-0.048	0.400
3:	-0.103	0.099
4:	0.101	-0.045
5:	0.491	-0.008
6:	0.324	-0.242
7:	0.399	-0.487
8:	0.629	-0.492
9:	0.983	-0.790
10:	-0.360	-0.335

X CENTROID: 0.241

Y CENTROID: -0.130

POA TO CENTROID: 0.273

HORZ SPREAD: 1.343

VERT SPREAD: 1.393

GROUP SPREAD: 1.710

MIN RADIUS: 0.140

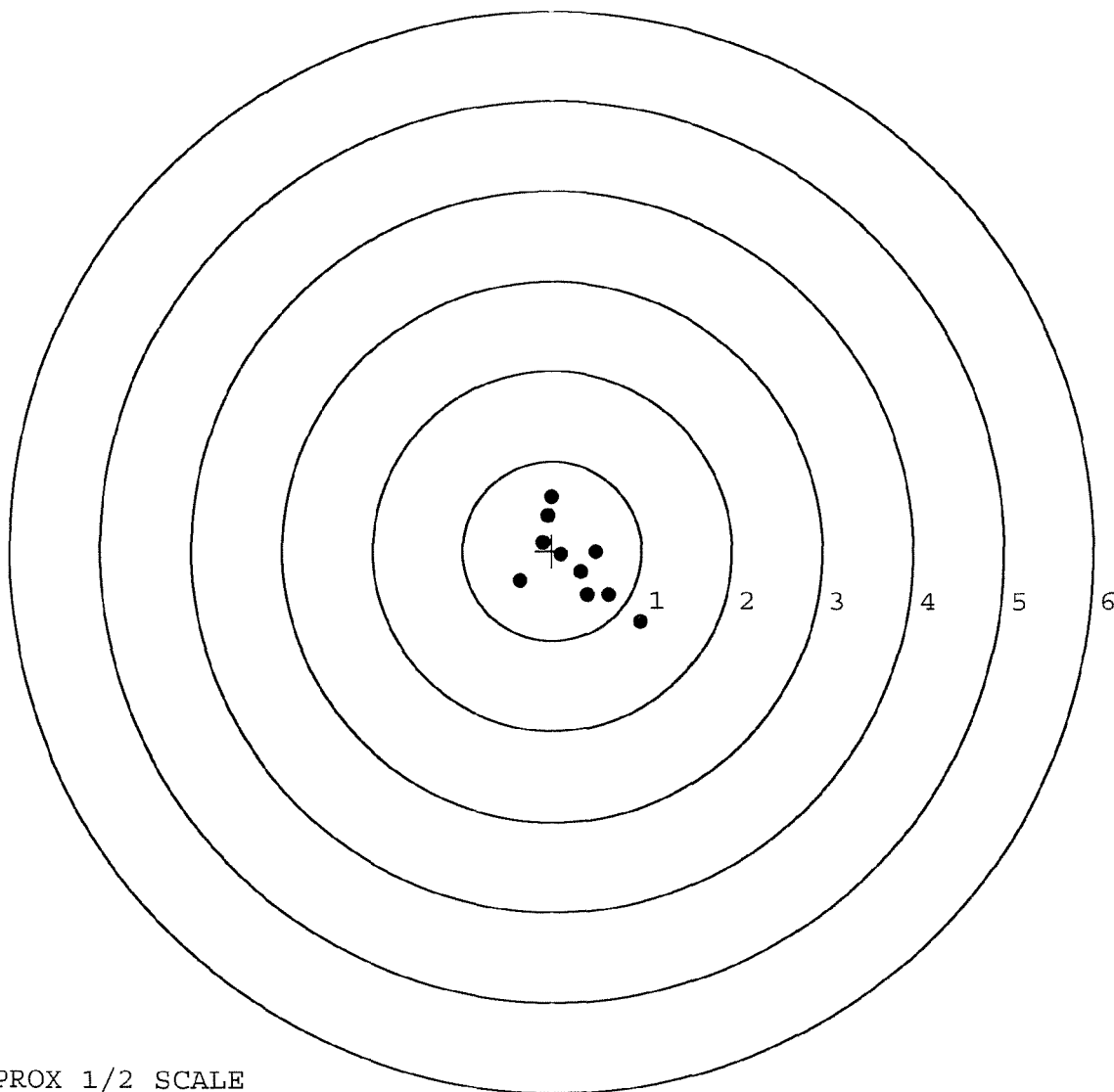
MAX RADIUS: 0.993

MEAN RADIUS: 0.492

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



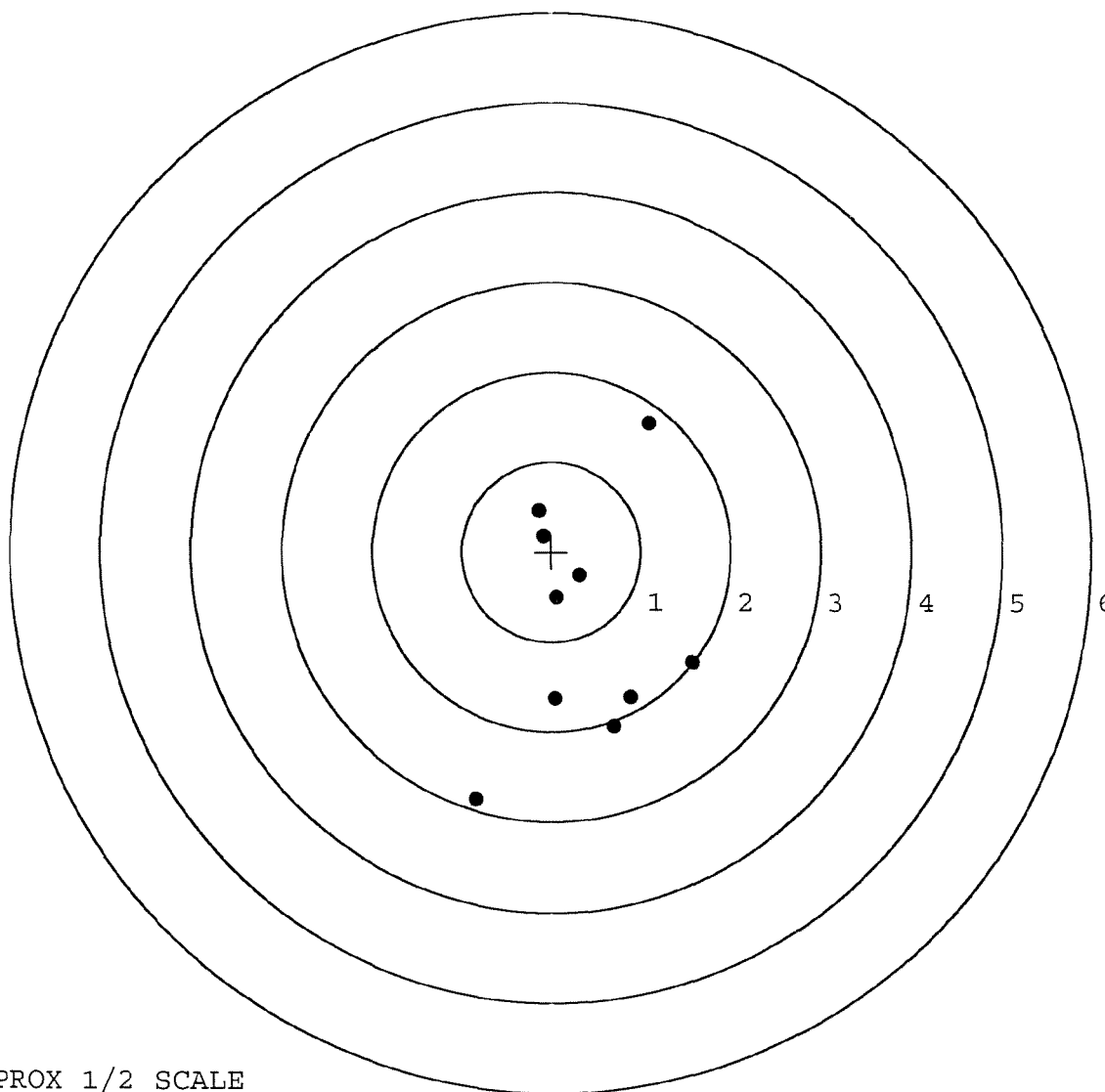
TARGET APPROX 1/2 SCALE

BARBER - M24 0047812

SERIAL NUMBER: C6225052. __0
 TARGET NUMBER: 5
 FILE DATE: 09/20/2007
 FILE TIME: 22:53

POINT#	X	Y
1:	-0.142	0.456
2:	-0.092	0.175
3:	0.318	-0.266
4:	0.058	-0.510
5:	0.889	-1.619
6:	0.704	-1.943
7:	0.043	-1.635
8:	1.576	-1.230
9:	1.088	1.439
10:	-0.840	-2.763

X CENTROID: 0.360
 Y CENTROID: -0.790
 POA TO CENTROID: 0.868
 HORZ SPREAD: 2.416
 VERT SPREAD: 4.202
 GROUP SPREAD: 4.623
 MIN RADIUS: 0.412
 MAX RADIUS: 2.344
 MEAN RADIUS: 1.238
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



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: RE00133017

Serial: C6225052 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:14:03 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK

PO Box:

BLDG 299 GILLESPIE AVE BECK

PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

8/22/2007

7:53 AM

CAPS

NUM

INS

SCRL



Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:53 AM

Serial Number:

C6225052

Model: M24 SWS



RE00133017

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225052.___0

FILE DATE AND TIME: 09/20/2007 22:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

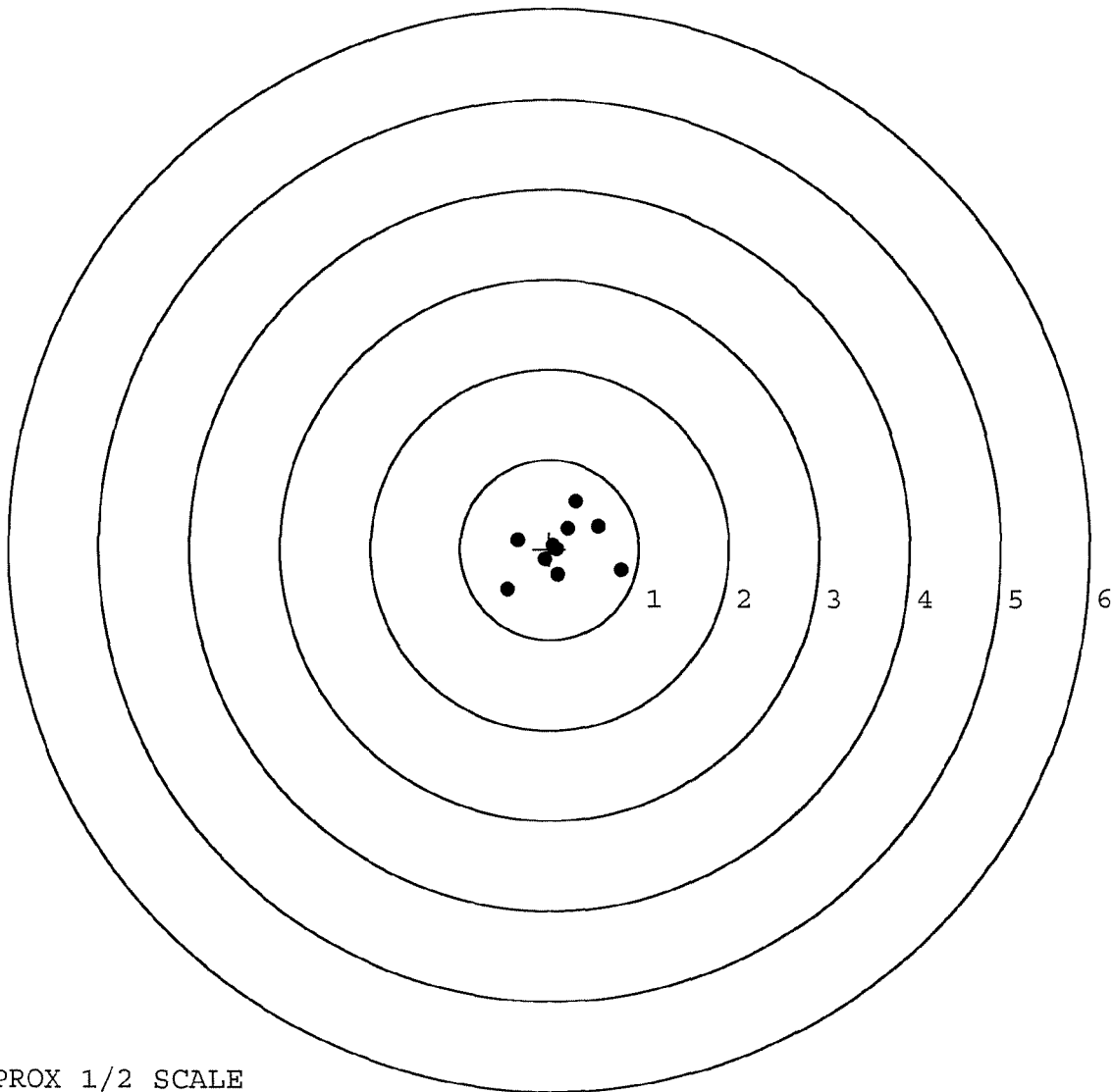
The Average X Centroid of the Five Target Set:	0.248
The Average Y Centroid of the Five Target Set:	-0.196
The Average Point of Impact of the Five Target Set:	0.316
The Average Mean Radius of the Five Target Set:	0.638
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.025
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.833

BARBER - M24 0047815

SERIAL NUMBER: C6225052. __0
 TARGET NUMBER: 1
 FILE DATE: 09/20/2007
 FILE TIME: 22:53

POINT#	X	Y
1:	0.295	0.533
2:	0.544	0.257
3:	0.205	0.233
4:	0.081	0.002
5:	0.097	-0.291
6:	-0.052	-0.118
7:	-0.349	0.105
8:	-0.471	-0.447
9:	0.805	-0.239
10:	0.043	0.043

X CENTROID: 0.120
 Y CENTROID: 0.008
 POA TO CENTROID: 0.120
 HORZ SPREAD: 1.276
 VERT SPREAD: 0.980
 GROUP SPREAD: 1.293
 MIN RADIUS: 0.039
 MAX RADIUS: 0.746
 MEAN RADIUS: 0.388
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0047816

SERIAL NUMBER: C6225052. __0

TARGET NUMBER: 2

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	0.227	0.188
2:	0.382	0.158
3:	0.364	-0.138
4:	0.233	-0.285
5:	-0.035	-0.496
6:	-0.139	-0.203
7:	-0.410	0.106
8:	0.400	-0.949
9:	1.234	0.531
10:	1.527	0.216

X CENTROID: 0.378

Y CENTROID: -0.087

POA TO CENTROID: 0.388

HORZ SPREAD: 1.937

VERT SPREAD: 1.480

GROUP SPREAD: 1.940

MIN RADIUS: 0.053

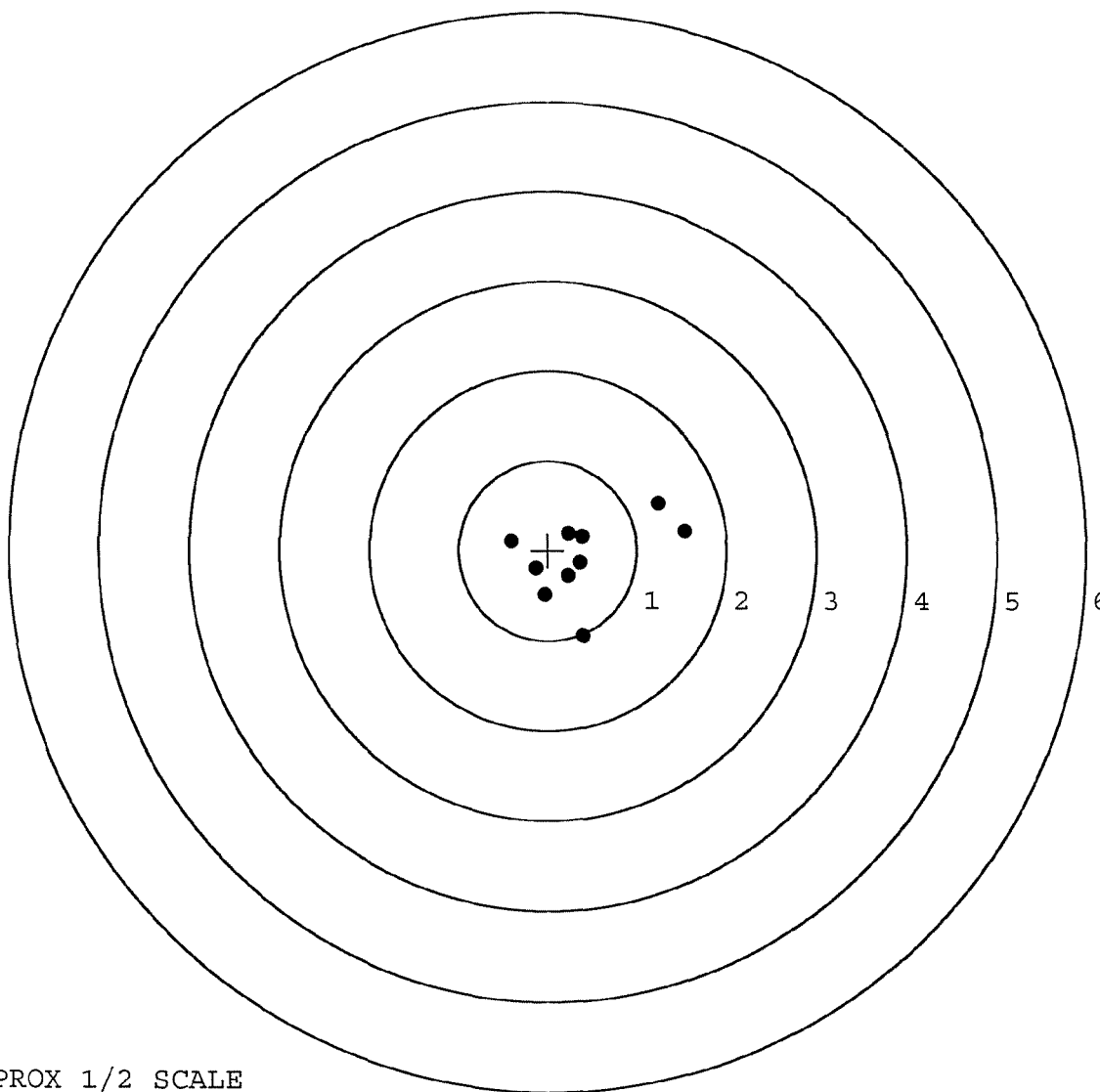
MAX RADIUS: 1.188

MEAN RADIUS: 0.589

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0047817

SERIAL NUMBER: C6225052. 0

TARGET NUMBER: 3

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	-0.572	0.406
2:	-0.553	0.100
3:	-0.222	-0.291
4:	0.044	-0.628
5:	0.404	-0.133
6:	0.694	-0.004
7:	0.396	0.055
8:	0.428	0.151
9:	0.432	0.424
10:	0.363	0.117

X CENTROID: 0.141

Y CENTROID: 0.020

POA TO CENTROID: 0.143

HORZ SPREAD: 1.266

VERT SPREAD: 1.052

GROUP SPREAD: 1.331

MIN RADIUS: 0.242

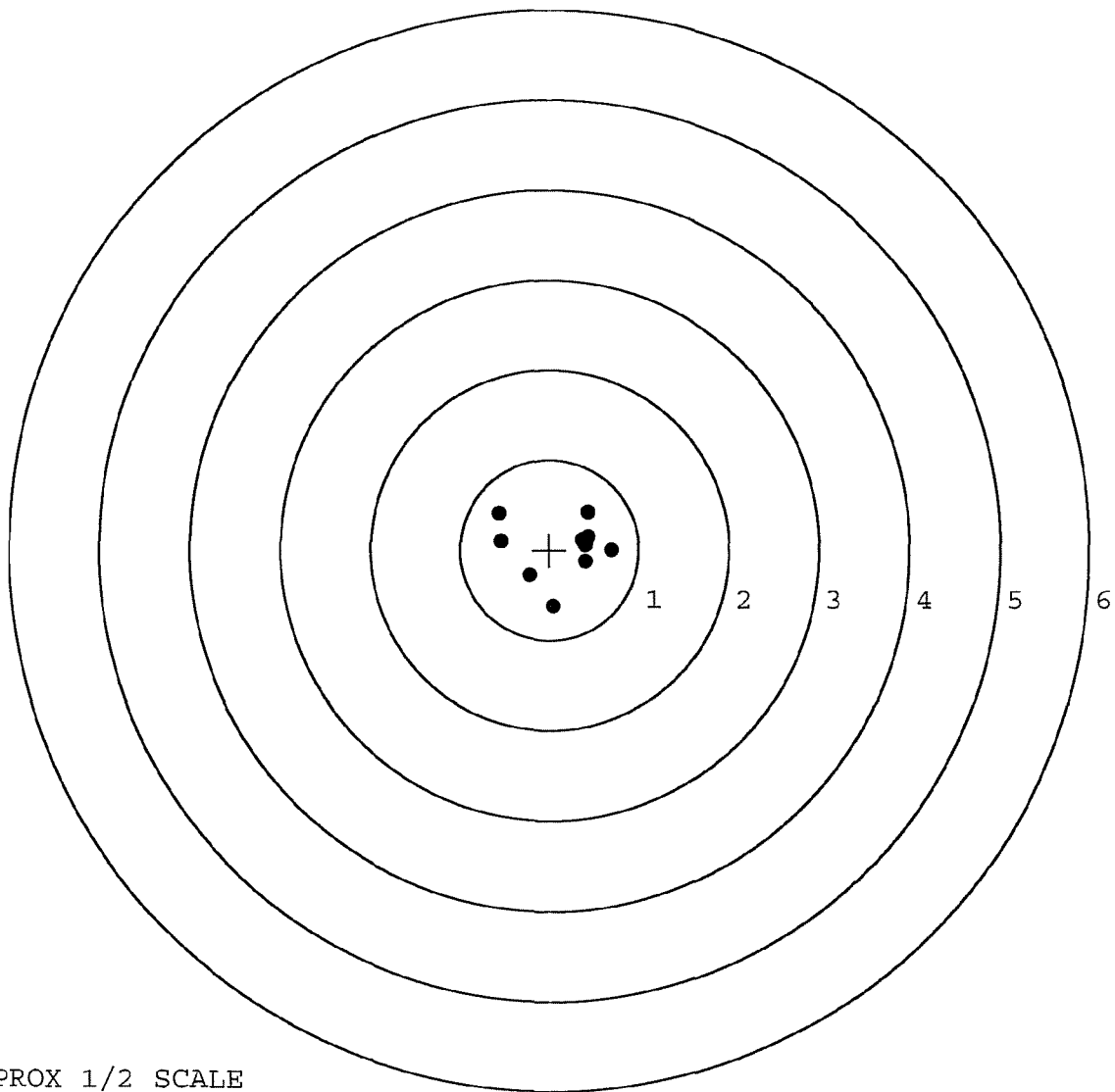
MAX RADIUS: 0.811

MEAN RADIUS: 0.481

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0047818

SERIAL NUMBER: C6225052. __0

TARGET NUMBER: 4

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
1:	-0.009	0.603
2:	-0.048	0.400
3:	-0.103	0.099
4:	0.101	-0.045
5:	0.491	-0.008
6:	0.324	-0.242
7:	0.399	-0.487
8:	0.629	-0.492
9:	0.983	-0.790
10:	-0.360	-0.335

X CENTROID: 0.241

Y CENTROID: -0.130

POA TO CENTROID: 0.273

HORZ SPREAD: 1.343

VERT SPREAD: 1.393

GROUP SPREAD: 1.710

MIN RADIUS: 0.140

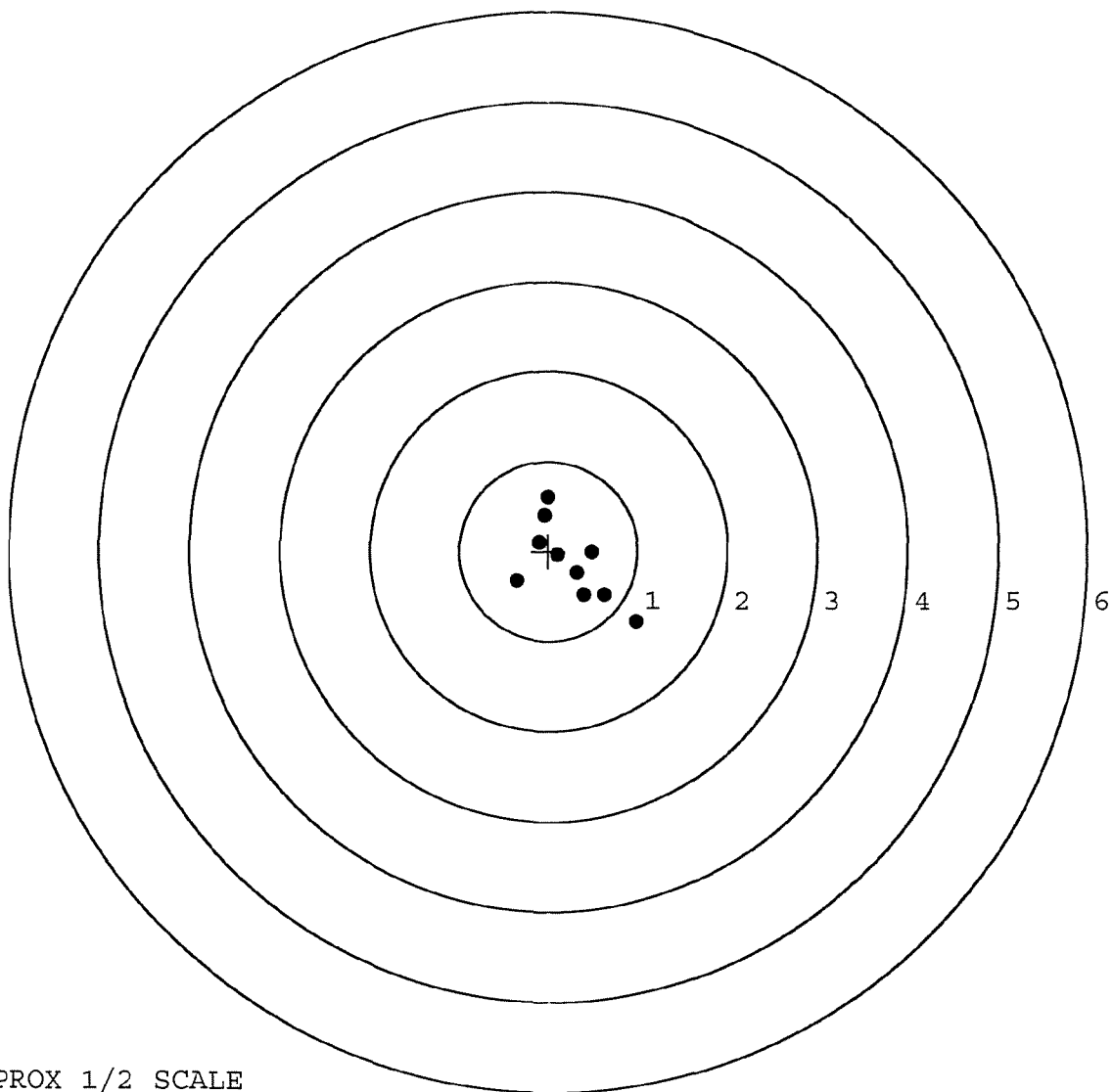
MAX RADIUS: 0.993

MEAN RADIUS: 0.492

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225052. __0

TARGET NUMBER: 5

FILE DATE: 09/20/2007

FILE TIME: 22:53

POINT#	X	Y
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7:	0.043	-1.635
8:	1.576	-1.230
9:	1.088	1.439
10:	-0.840	-2.763

X CENTROID: 0.360

Y CENTROID: -0.790

POA TO CENTROID: 0.868

HORZ SPREAD: 2.416

VERT SPREAD: 4.202

GROUP SPREAD: 4.623

MIN RADIUS: 0.412

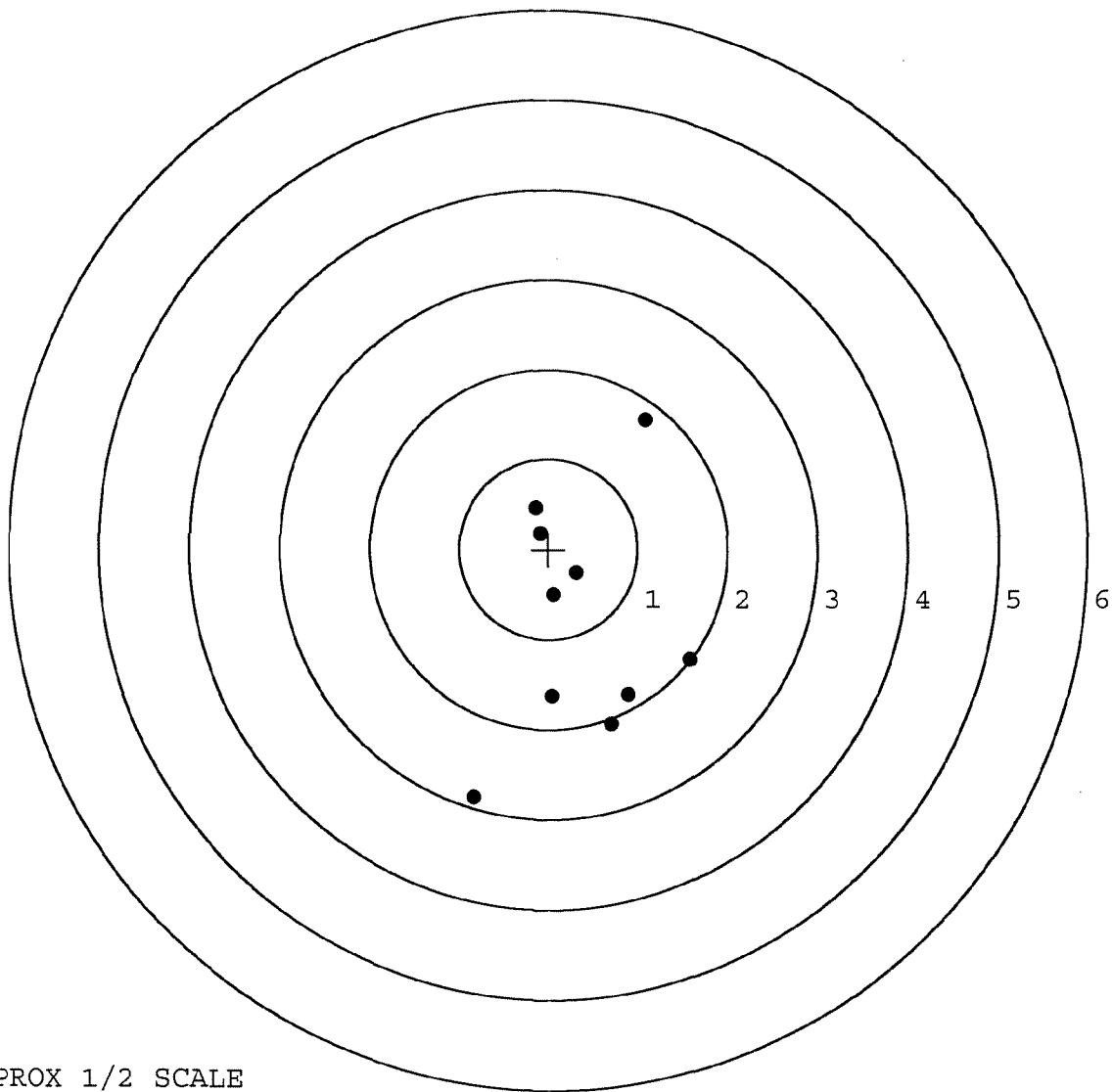
MAX RADIUS: 2.344

MEAN RADIUS: 1.238

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

R & E NUMBER

~~13307~~ 13307

SERIAL NUMBER

C6225852

LOG-IN DATE

8-22-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-10-07	RTZ
505	RE-BARREL	9-11-07	RTZ
560	ASSEMBLE	9-11-07	RTZ
600	PROOF	9-12-07	TRW
605	CHECK HEADSPACE	9-12-07	TRW
610	DIS-ASSEMBLE GUN	9-12-07	RTZ
612	MAGNAFLUX	9-12-07	SD
510	DRILL AND TAP	9-12-07	FM
615	ROLLMARK CALIBER	9-12-07	CN
618	ROTO-BLAST	9-12-07	(PS)
620	APPLY COATINGS	9-14-07	RS
625	FINAL ASSEMBLY	9-20-07	RTZ
640	FUNCTION TEST AND	9-20-07	nm
650	TARGET	9-20-07	nm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-20-07	SD
	A) HEADSPACE	9-20-07	nm
	B) TRIGGER PULL	9-20-07	DA
	F) SAFETY ON FORCE	9-20-07	DA
	G) SAFETY OFF FORCE	9-20-07	DA
	I) FIRING PIN INDENT	9-20-07	DA
690	PACK	9-20-07	DA

MAGNA - FLUX

SEP 13 7:00/

OPERATOR JO

PASS

FAIL

PASS

FAIL

CORRECTION

CORRECTION

CORRECTION

CORRECTION

PASS

FAIL

 +/- .5 LBS
 MIN 2.50 LBS
 MAX 4.0 LBS

B) TRIGGER PULL

2.35 2.33 2.41 2.39 2.40 9-20-07

DA

 2 LBS MIN
 10 LBS MAX

F) SAFETY ON FORCE

4.5 5.0 4.5 9-20-07

DA

2 LBS

G) SAFETY OFF FORCE

2.5 2.5 2.5 9-20-07

DA

I) FIRING PIN INDENT

.020

.021 .021 .021 9-20-07

DA

PACK

9-20-07

DA