

G629 6848
Ryba
C-6611589

BARBER - M24 0160086
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: **RE00112971** Serial: **G6296848** Model: **M24 SWS** Center Fire
 Caliber: **7.62 NATO** Repairman: Status: **New 5/30/2006 10:56:17 AM**

Verify Repair

Address Information

Customer: Received From Return To Received From
 Name: **C CO SPT BN SWTG (A) POC JERRY SCREEN** **C CO SPT BN SWTG (A) POC JERRY SCREEN**
 Address 1: **ARMAMENT FACILITY BLDG D-1307** **ARMAMENT FACILITY BLDG D-1307**
 Address 2: **GRUBER ROAD** PO Box: **GRUBER ROAD** PO Box:
 City: **FORT BRAGG** **FORT BRAGG**
 State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information Received Condition Accessories Received

Phone: **NA** Fair
 Fax: Condition Notes:
 Email: CSR Notes:
 Comments:

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

naglet 5/31/2006 10:28 AM CAPS NUM INS SERL

start 2 Micros... 2 Micros... 3 Intern... Arms Ser... Part Sear... 10:28 AM

Serial Number: **G6296848**

Model: **M24 SWS**



RE00112971

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296848.__0
FILE DATE AND TIME: 10/29/2003 09:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.115
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.570
The Distance from POA to Centroid Target #1:	0.181
The Distance from Centroid Target #2 to Centroid Target #1:	0.245
The Distance from Centroid Target #3 to Centroid Target #1:	0.237
The Distance from Centroid Target #4 to Centroid Target #1:	0.131
The Distance from Centroid Target #5 to Centroid Target #1:	0.119

SERIAL NUMBER: G6296848. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 09:00

POINT#	X	Y
1:	0.910	-0.197
2:	0.175	-0.361
3:	0.037	-0.183
4:	-0.322	-0.710
5:	-0.604	-1.020
6:	-0.629	0.246
7:	-0.524	0.452
8:	-0.286	0.318
9:	0.012	0.347
10:	-0.383	0.280

X CENTROID: -0.161

Y CENTROID: -0.083

POA TO CENTROID: 0.181

HORZ SPREAD: 1.539

VERT SPREAD: 1.472

GROUP SPREAD: 1.723

MIN RADIUS: 0.222

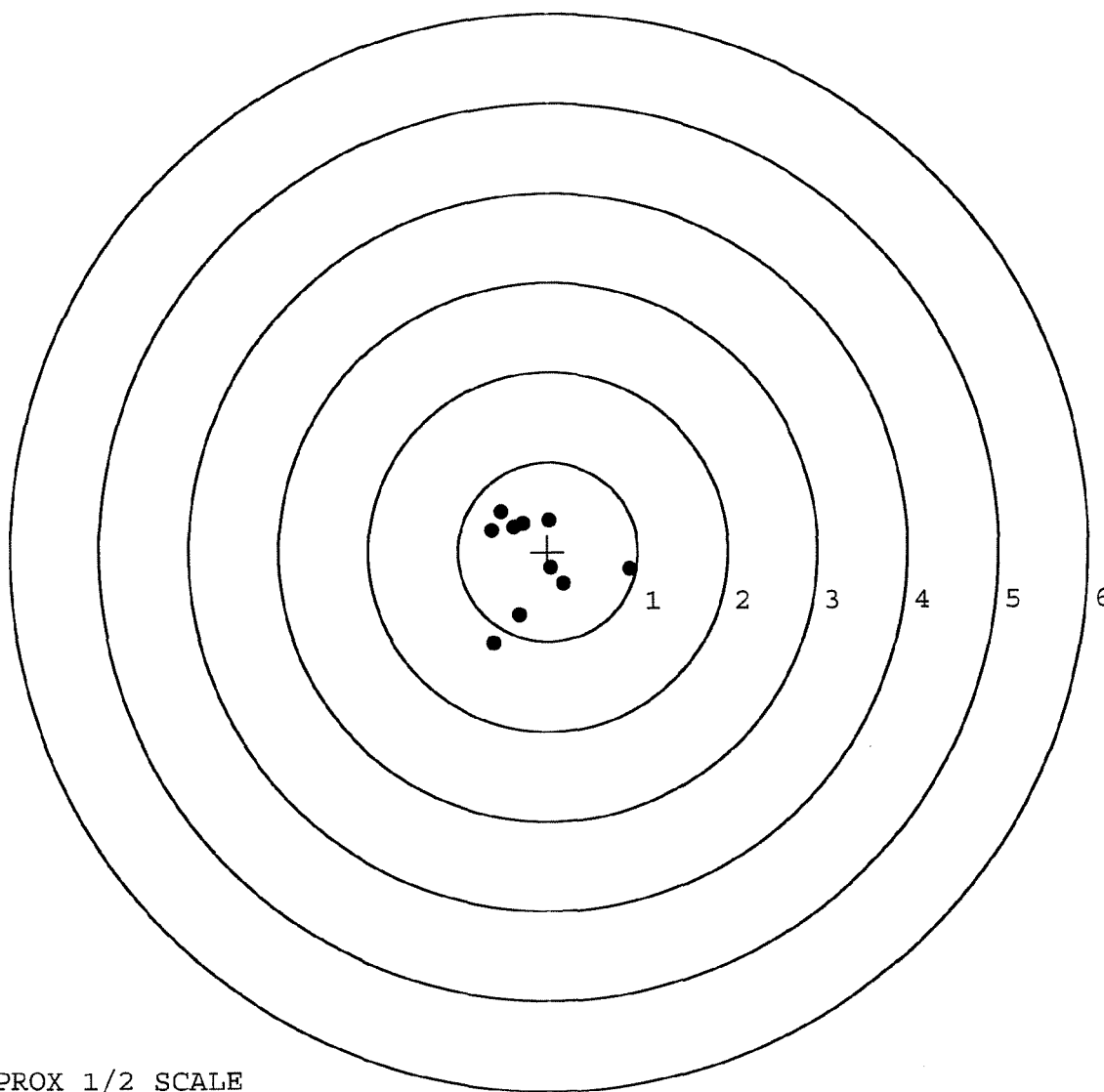
MAX RADIUS: 1.077

MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. 0

TARGET NUMBER: 2

FILE DATE: 10/29/2003

FILE TIME: 09:00

POINT#	X	Y
1:	-0.025	1.253
2:	0.013	0.813
3:	0.334	0.707
4:	0.512	0.172
5:	0.082	-0.315
6:	0.071	-0.681
7:	-0.336	-0.177
8:	-0.708	-0.191
9:	-1.103	-0.032
10:	-0.609	0.067

X CENTROID: -0.177

Y CENTROID: 0.162

POA TO CENTROID: 0.240

HORZ SPREAD: 1.615

VERT SPREAD: 1.934

GROUP SPREAD: 1.936

MIN RADIUS: 0.374

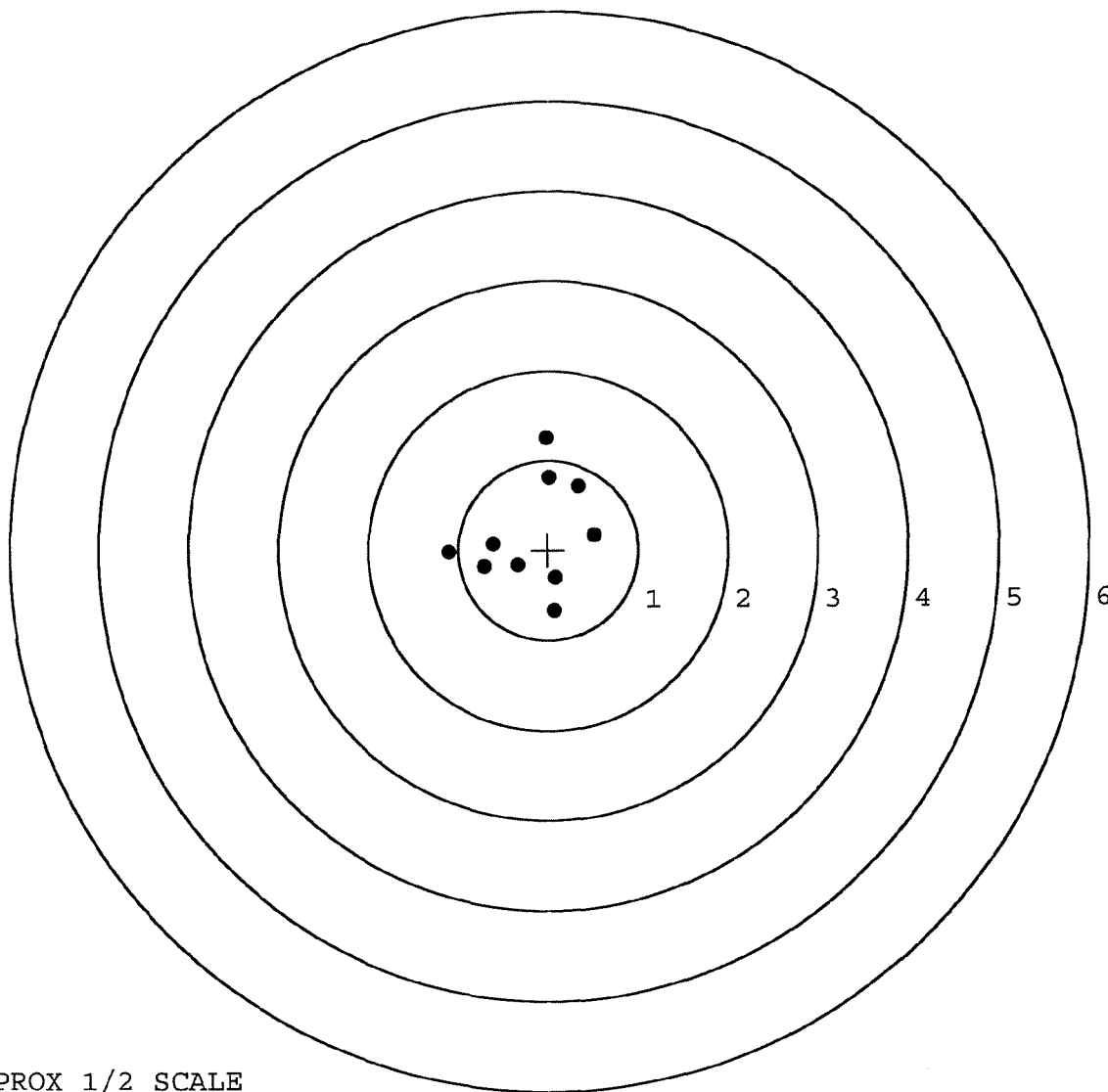
MAX RADIUS: 1.102

MEAN RADIUS: 0.704

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. __0

TARGET NUMBER: 3

FILE DATE: 10/29/2003

FILE TIME: 09:00

POINT#	X	Y
1:	-0.170	0.796
2:	0.231	0.606
3:	0.392	0.511
4:	-0.117	0.223
5:	-0.174	-0.131
6:	0.218	-0.290
7:	0.218	-0.290
8:	0.218	-0.290
9:	-0.185	-0.554
10:	-0.123	-0.364

X CENTROID: 0.051

Y CENTROID: 0.022

POA TO CENTROID: 0.055

HORZ SPREAD: 0.577

VERT SPREAD: 1.350

GROUP SPREAD: 1.350

MIN RADIUS: 0.262

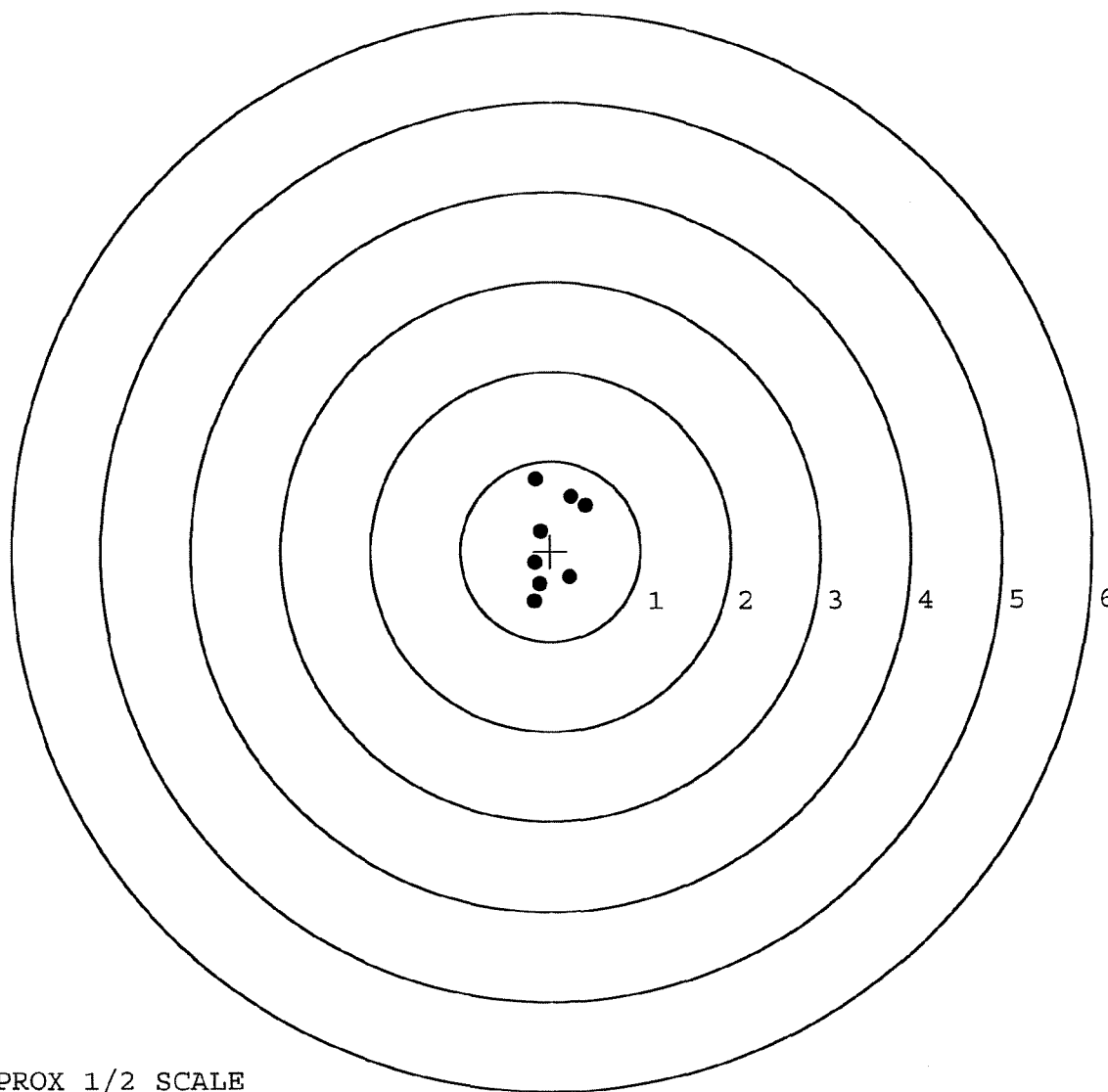
MAX RADIUS: 0.805

MEAN RADIUS: 0.465

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. __ 0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 09:00

POINT#	X	Y
1:	0.212	0.605
2:	-1.177	-0.046
3:	-0.287	-0.517
4:	0.116	-0.649
5:	0.358	-0.189
6:	0.581	0.158
7:	0.223	0.077
8:	0.022	-0.119
9:	-0.367	0.171
10:	-0.084	0.188

X CENTROID: -0.040

Y CENTROID: -0.032

POA TO CENTROID: 0.052

HORZ SPREAD: 1.758

VERT SPREAD: 1.254

GROUP SPREAD: 1.770

MIN RADIUS: 0.107

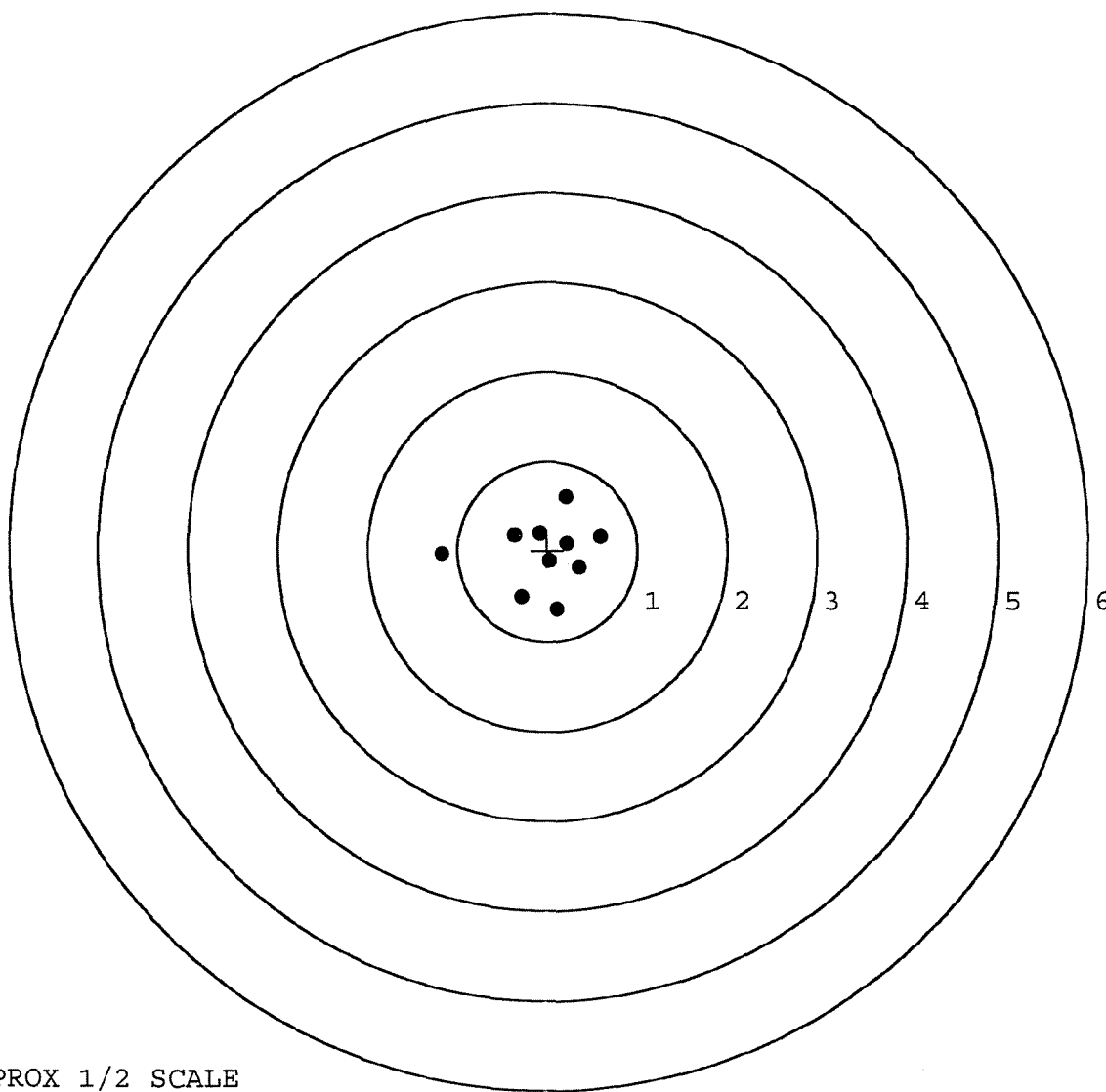
MAX RADIUS: 1.137

MEAN RADIUS: 0.508

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. 0

TARGET NUMBER: 5

FILE DATE: 10/29/2003

FILE TIME: 09:00

POINT#	X	Y
1:	-0.492	0.527
2:	-0.833	0.325
3:	-0.910	-0.009
4:	0.074	0.354
5:	0.568	0.018
6:	0.315	-0.264
7:	0.360	-0.815
8:	-0.419	-0.220
9:	-0.240	-0.013
10:	-0.884	0.102

X CENTROID: -0.246

Y CENTROID: 0.000

POA TO CENTROID: 0.246

HORZ SPREAD: 1.478

VERT SPREAD: 1.342

GROUP SPREAD: 1.650

MIN RADIUS: 0.015

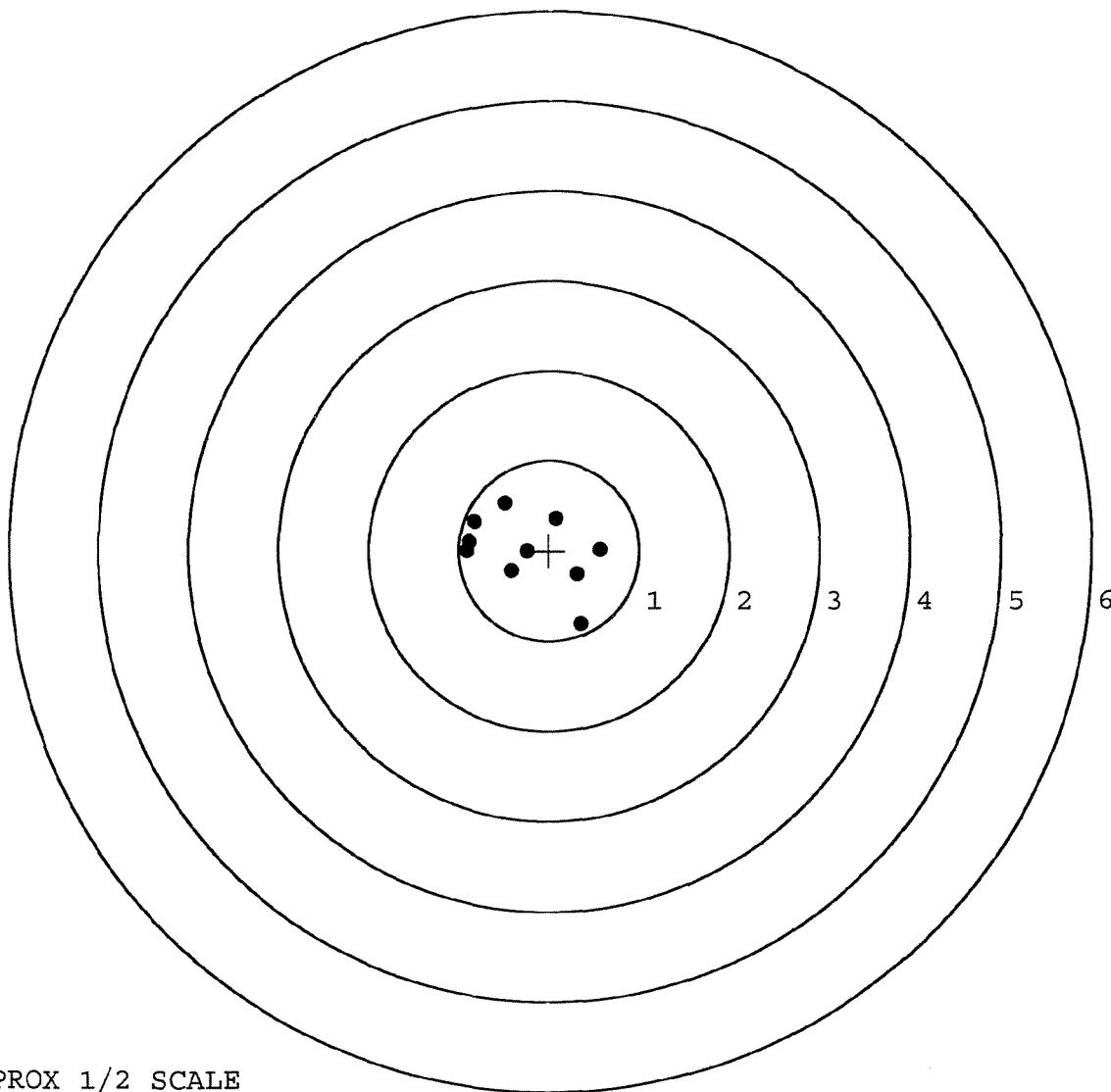
MAX RADIUS: 1.016

MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 3

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	112971		Fort Bragg	
SERIAL NUMBER	66296848			
LOG-IN DATE	5-30-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-12-06	AC
505	RE-BARREL		6-12-06	AC
560	ASSEMBLE		6-22-06	AC
600	PROOF	MAGNA-FLUX INSPECTED	6-22-06	AC
605	CHECK HEADSPACE	JUN 27 2006	6-22-06	AC
610	DIS-ASSEMBLE GUN		6-22-06	AC
612	MAGNAFLUX	OPERATOR <u>LPD</u>	6-27-06	QPD
510	DRILL AND TAP		6-26-06	TRW
615	ROLLMARK CALIBER		6-27-06	CW
618	ROTO-BLAST		6-29-06	LB
620	APPLY COATINGS		7/6	WFO
625	FINAL ASSEMBLY		7-11-06	AC
640	FUNCTION TEST AND	PASS FAIL	7-12-06	LPD
650	TARGET	PASS FAIL	7-12-06	LPD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-13-06	LPD
	A) HEADSPACE	PASS FAIL	7-13-06	LPD
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	7-13-06	RA
		3.44 2.20 2.41 2.44 2.20		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7-13-06	RA
		6.2 5.5 5.5		
	G) SAFETY OFF FORCE	2 LBS MIN	7-13-06	RA
		2.5 3.0 3.0		
	I) FIRING PIN INDENT	.020	7-13-06	RA
		.021 .022 .021		
690	PACK		8-4-06	RA

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SERIAL NUMBER: G6296848. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 09:00

X CENTROID: -0.161

Y CENTROID: -0.083

POA TO CENTROID: 0.181

HORZ SPREAD: 1.539

VERT SPREAD: 1.472

GROUP SPREAD: 1.723

MIN RADIUS: 0.222

MAX RADIUS: 1.077

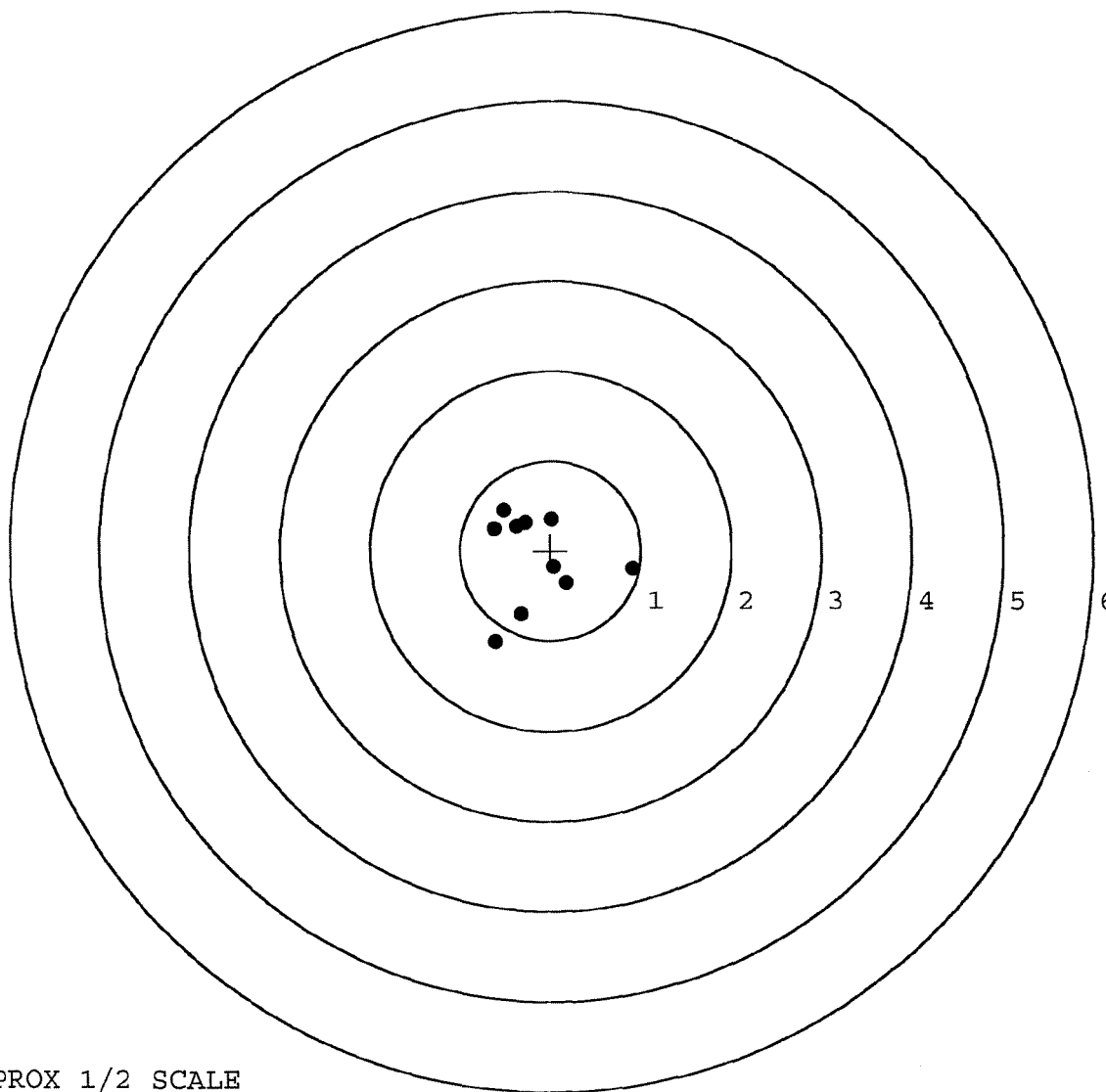
MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

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TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. 0

TARGET NUMBER: 2

FILE DATE: 10/29/2003

FILE TIME: 09:00

POINT#	X	Y
1:	-0.025	1.253
2:	0.013	0.813
3:	0.334	0.707
4:	0.512	0.172
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MIN RADIUS: 0.374

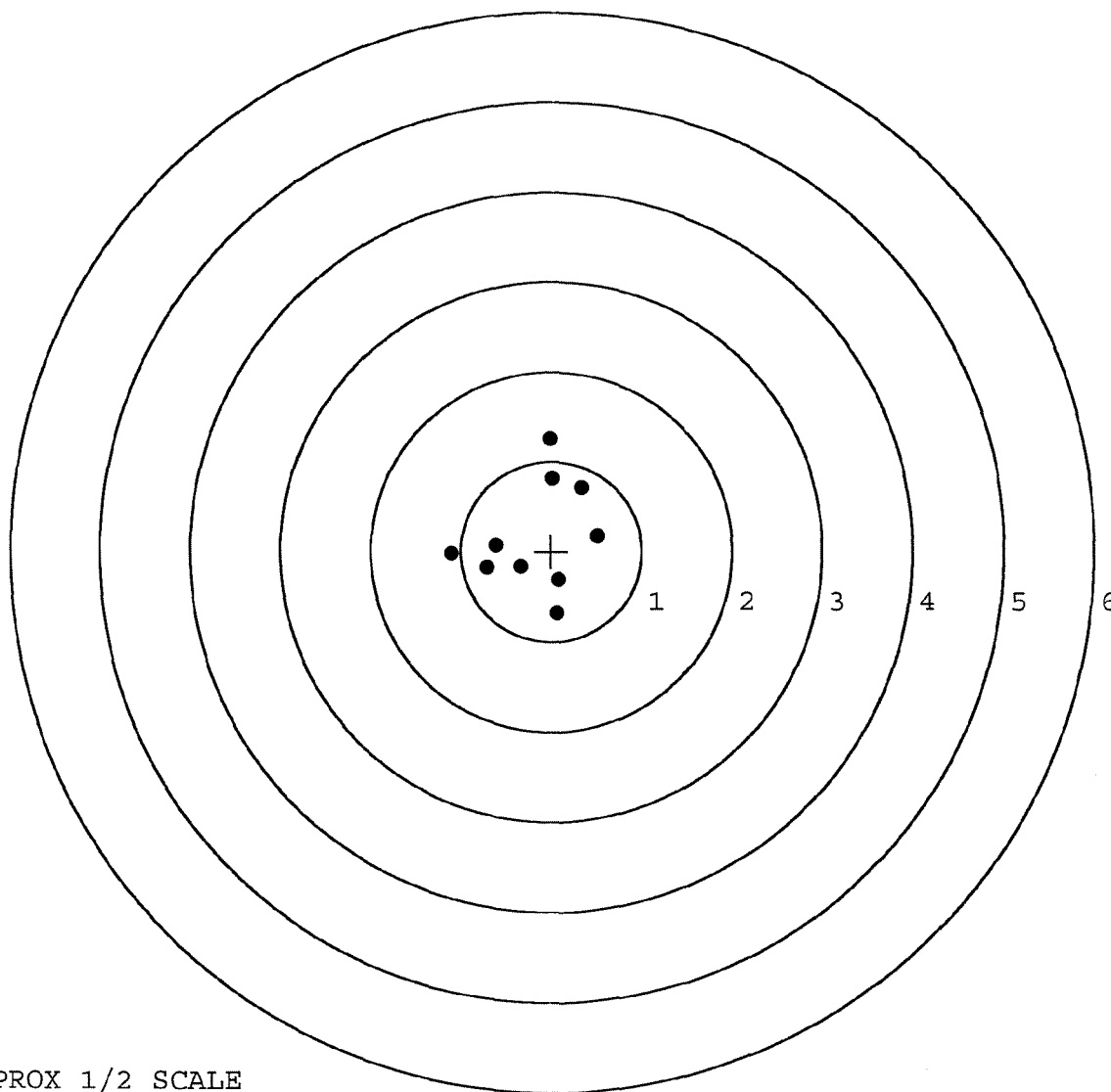
MAX RADIUS: 1.102

MEAN RADIUS: 0.704

IN 1 IN DIAMETER: 2

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in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. 0

TARGET NUMBER: 3

FILE DATE: 10/29/2003

FILE TIME: 09:00

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8:	0.218	-0.290
9:	-0.185	-0.554
10:	-0.123	-0.364

X CENTROID: 0.051

Y CENTROID: 0.022

POA TO CENTROID: 0.055

HORZ SPREAD: 0.577

VERT SPREAD: 1.350

GROUP SPREAD: 1.350

MIN RADIUS: 0.262

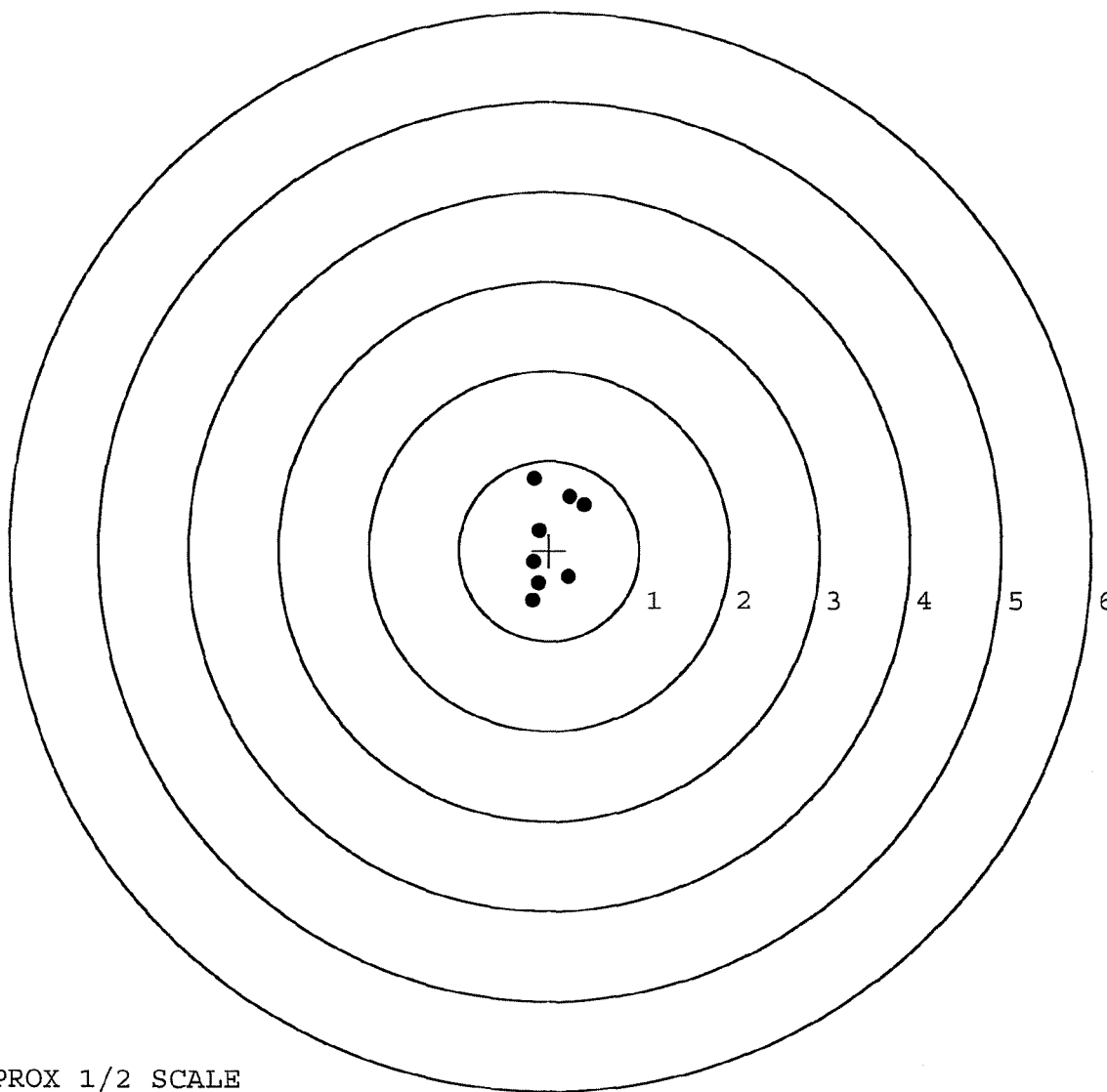
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IN 1 IN DIAMETER: 6

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TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. __0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 09:00

X CENTROID: -0.040

Y CENTROID: -0.032

POA TO CENTROID: 0.052

HORZ SPREAD: 1.758

VERT SPREAD: 1.254

GROUP SPREAD: 1.770

MIN RADIUS: 0.107

MAX RADIUS: 1.137

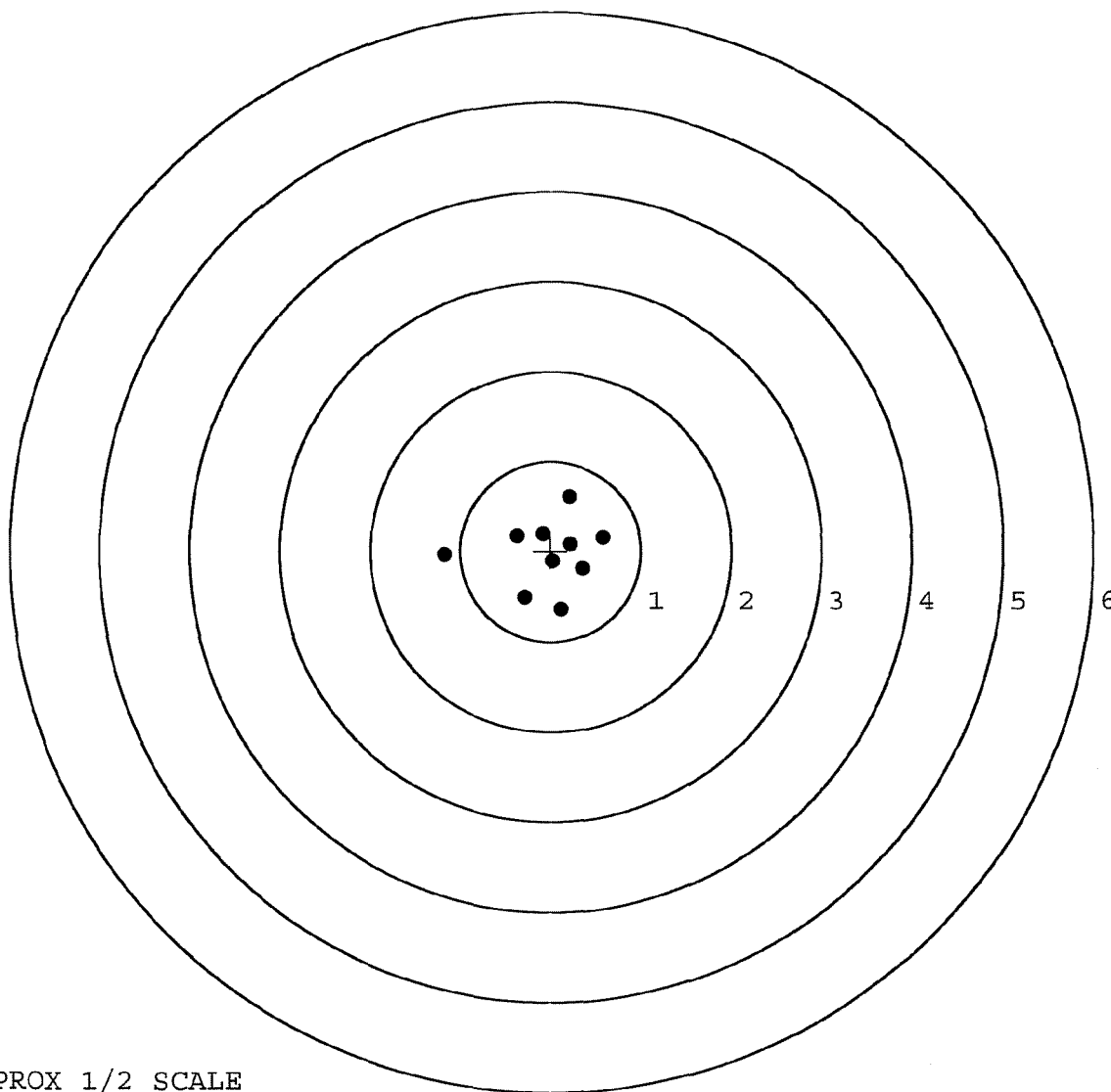
MEAN RADIUS: 0.508

IN 1 IN DIAMETER: 5

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POINT#	X	Y
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9:	-0.367	0.171
10:	-0.084	0.188



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296848. 0

TARGET NUMBER: 5

FILE DATE: 10/29/2003

FILE TIME: 09:00

X CENTROID: -0.246

Y CENTROID: 0.000

POA TO CENTROID: 0.246

HORZ SPREAD: 1.478

VERT SPREAD: 1.342

GROUP SPREAD: 1.650

MIN RADIUS: 0.015

MAX RADIUS: 1.016

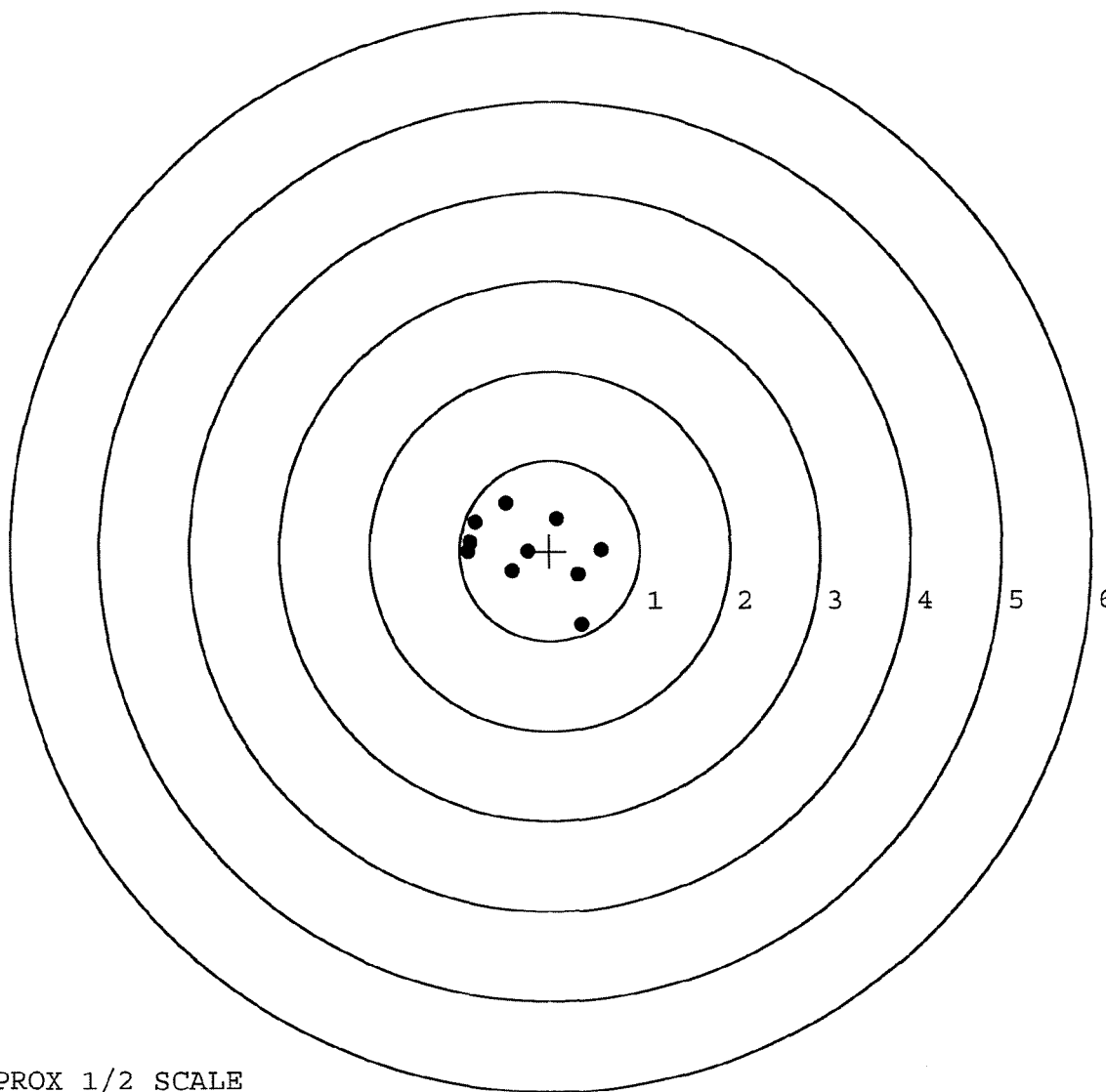
MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 3

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7:	0.360	-0.815
8:	-0.419	-0.220
9:	-0.240	-0.013
10:	-0.884	0.102



TARGET APPROX 1/2 SCALE

C6611589

SERIAL # G6296848INSPECTED BY: RJLDATE REC'D: 9-30-03DATE RET'D: 10-29-03

ITEM

BARREL ASSEMBLY

 ☒ BARREL

 ☒ RECEIVER

 ☒ FRONT SIGHT BASE

 ☒ REAR SIGHT BASE

 ☒ SCREWS

 ☒ FINISH

SCOPE ASSEMBLY

 SCOPE

 SCOPE RINGS

 MOUNTING SCREWS

 MOUNTING BASE

 SCREWS

 FINISH

 CLARITY

ITEM

STOCK ASSEMBLY

 ☒ STOCK

 ☒ SLING AWIVEL STUDS

 ☒ ADJUSTABLE

 ☒ BUTT PLATE

 ☒ LOCK NUTS

 ☒ BARREL CLEARANCE

 ☒ COLOR / FINISH

SYSTEMS CASE

 SCOPE CASE

 IRON SIGHTS

 DEPLOYMENT KIT

TRIGGER ASSEMBLY

 ☒ SAFETY OPERATION

 ☒ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	70743		
SERIAL NUMBER	G6661589 G6296848 (New)		
LOG-IN DATE	9-30-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-3-03	RTL
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE	10-7-03	RTL
600	PROOF		
605	CHECK HEADSPACE	10-8-03	RTL
610	DIS-ASSEMBLE GUN	10-8-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	B
618	ROTO-BLAST	10/13/2003	Danf
620	APPLY COATINGS	10-14	TA
625 A	FINAL ASSEMBLY	10-23-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-29-03	AC
655	FINAL INSPECT	10-29-03	RTL
660	PACK	10-30-03	DA
		SHIP DATE	
QAR INSPECTION DATE			