

G 629 6796
Raphae
C-622 5346

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: **RE00113040** Serial: G6296796 Model: M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Repairman Status: Closed 5/31/2006 10:19:57 AM

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 Phone: NA 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>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A057	Fit and Rear Sgt Base	1
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

maglet 5/31/2006 10:48 AM CAPS NUM INS SCR

start 2 Microso... 2 Microso... 3 Interne... Arms Servic... Part Search... 10:48 AM

Serial Number: **G6296796**
 Model: **M24 SWS**

RE00113040

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296796.__0
FILE DATE AND TIME: 10/27/2003 11:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.151
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.158
The Average Mean Radius of the Five Target Set:	0.868
The Distance from POA to Centroid Target #1:	0.478
The Distance from Centroid Target #2 to Centroid Target #1:	0.436
The Distance from Centroid Target #3 to Centroid Target #1:	0.221
The Distance from Centroid Target #4 to Centroid Target #1:	0.508
The Distance from Centroid Target #5 to Centroid Target #1:	0.466

SERIAL NUMBER: G6296796. 0

TARGET NUMBER: 1

FILE DATE: 10/27/2003

FILE TIME: 11:41

POINT#	X	Y
1:	0.403	0.665
2:	0.975	1.544
3:	-1.742	0.703
4:	-1.886	-0.377
5:	-1.081	-0.560
6:	0.094	-0.058
7:	-0.344	-0.546
8:	-0.515	0.162
9:	-0.365	-0.096
10:	-0.192	-0.328

X CENTROID: -0.465

Y CENTROID: 0.111

POA TO CENTROID: 0.478

HORZ SPREAD: 2.861

VERT SPREAD: 2.104

GROUP SPREAD: 3.446

MIN RADIUS: 0.071

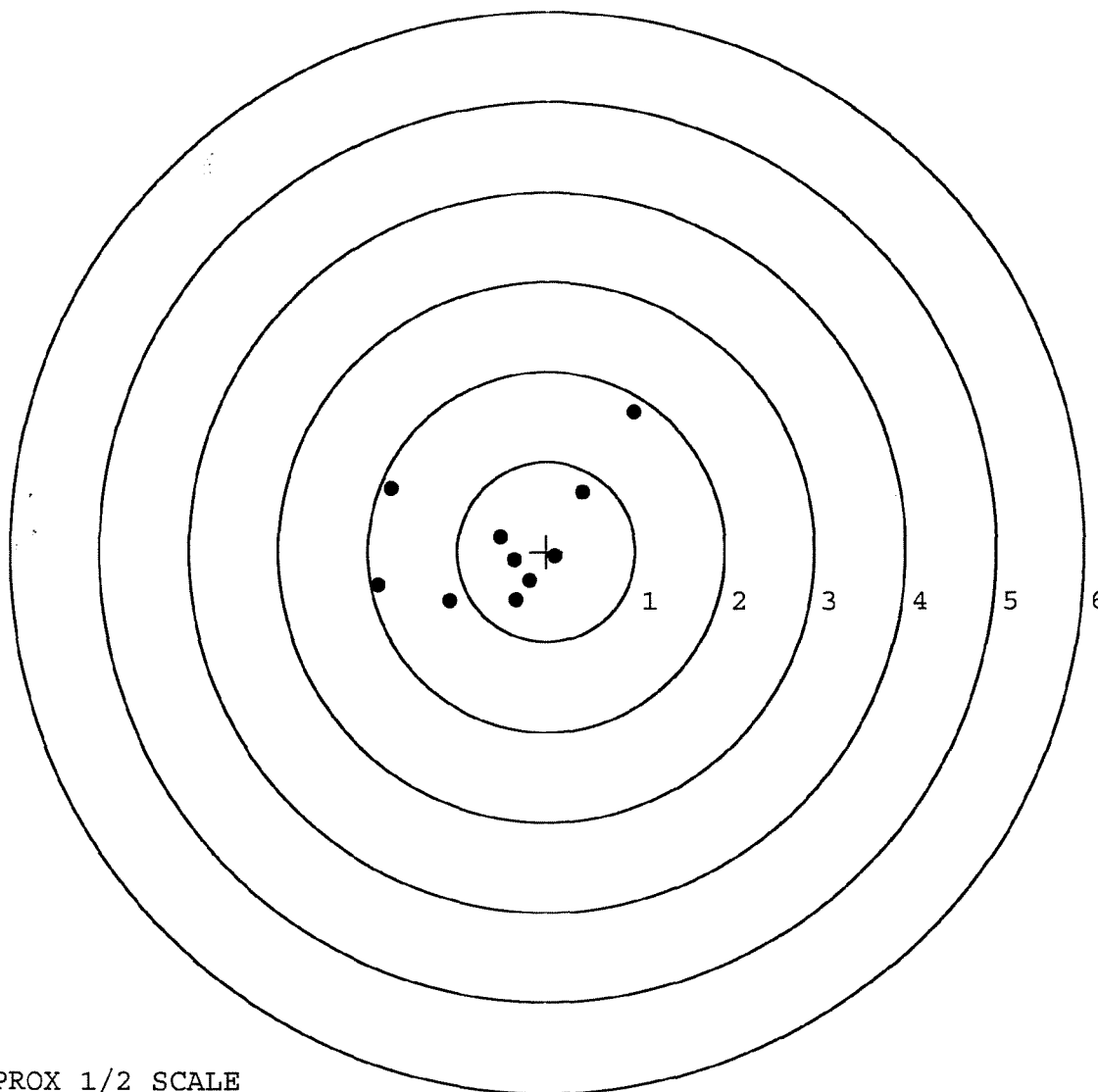
MAX RADIUS: 2.032

MEAN RADIUS: 0.895

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. __0

TARGET NUMBER: 2

FILE DATE: 10/27/2003

FILE TIME: 11:41

POINT#	X	Y
1:	0.505	-0.609
2:	0.131	-1.197
3:	-0.414	-0.411
4:	-0.788	-0.398
5:	-0.928	-0.525
6:	-0.236	0.083
7:	0.134	0.168
8:	0.084	0.667
9:	0.464	0.814
10:	0.737	2.130

X CENTROID: -0.031

Y CENTROID: 0.072

POA TO CENTROID: 0.079

HORZ SPREAD: 1.665

VERT SPREAD: 3.327

GROUP SPREAD: 3.382

MIN RADIUS: 0.191

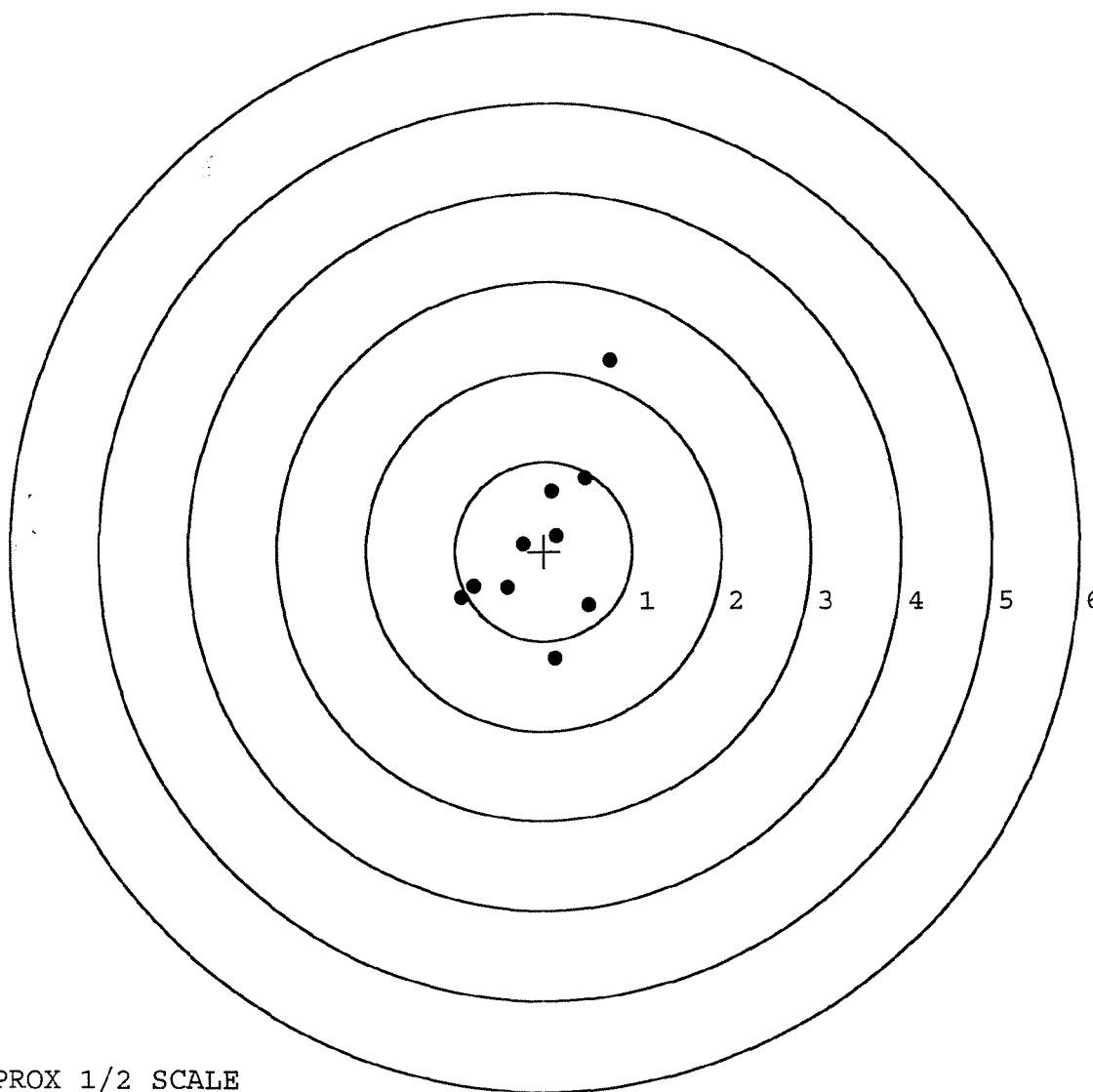
MAX RADIUS: 2.196

MEAN RADIUS: 0.882

IN 1 IN DIAMETER: 2

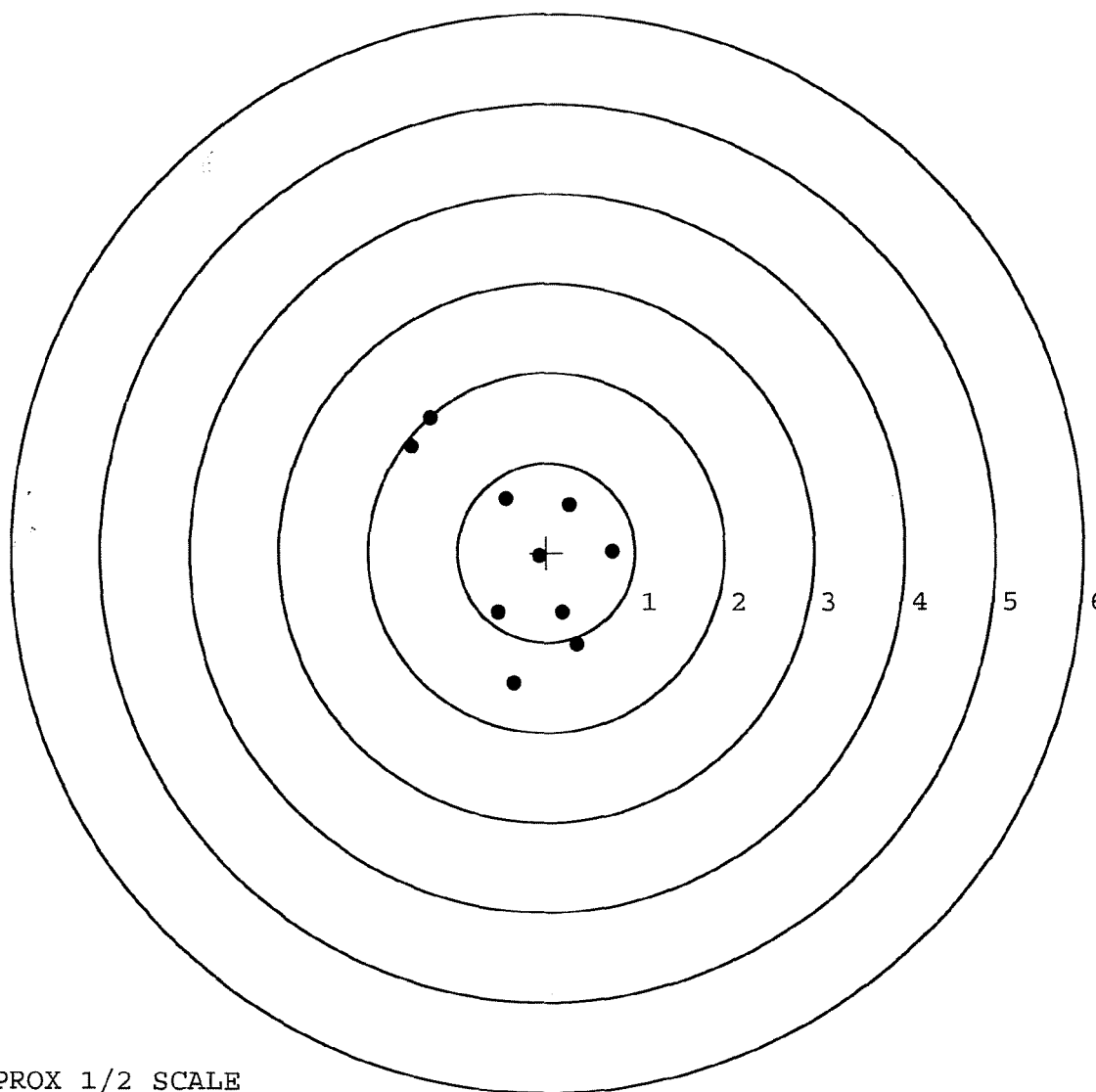
IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.346	-1.033
FILE DATE: 10/27/2003	2:	0.185	-0.671
FILE TIME: 11:41	3:	-0.366	-1.459
	4:	-0.541	-0.667
X CENTROID: -0.275	5:	-0.080	-0.038
Y CENTROID: -0.002	6:	0.741	0.017
POA TO CENTROID: 0.275	7:	0.254	0.540
HORZ SPREAD: 2.265	8:	-0.460	0.606
VERT SPREAD: 2.958	9:	-1.307	1.499
GROUP SPREAD: 3.104	10:	-1.524	1.186
MIN RADIUS: 0.198			
MAX RADIUS: 1.821			
MEAN RADIUS: 1.034			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. __0

TARGET NUMBER: 4

FILE DATE: 10/27/2003

FILE TIME: 11:41

X CENTROID: 0.018

Y CENTROID: -0.046

POA TO CENTROID: 0.049

HORZ SPREAD: 2.098

VERT SPREAD: 2.687

GROUP SPREAD: 2.842

MIN RADIUS: 0.114

MAX RADIUS: 1.520

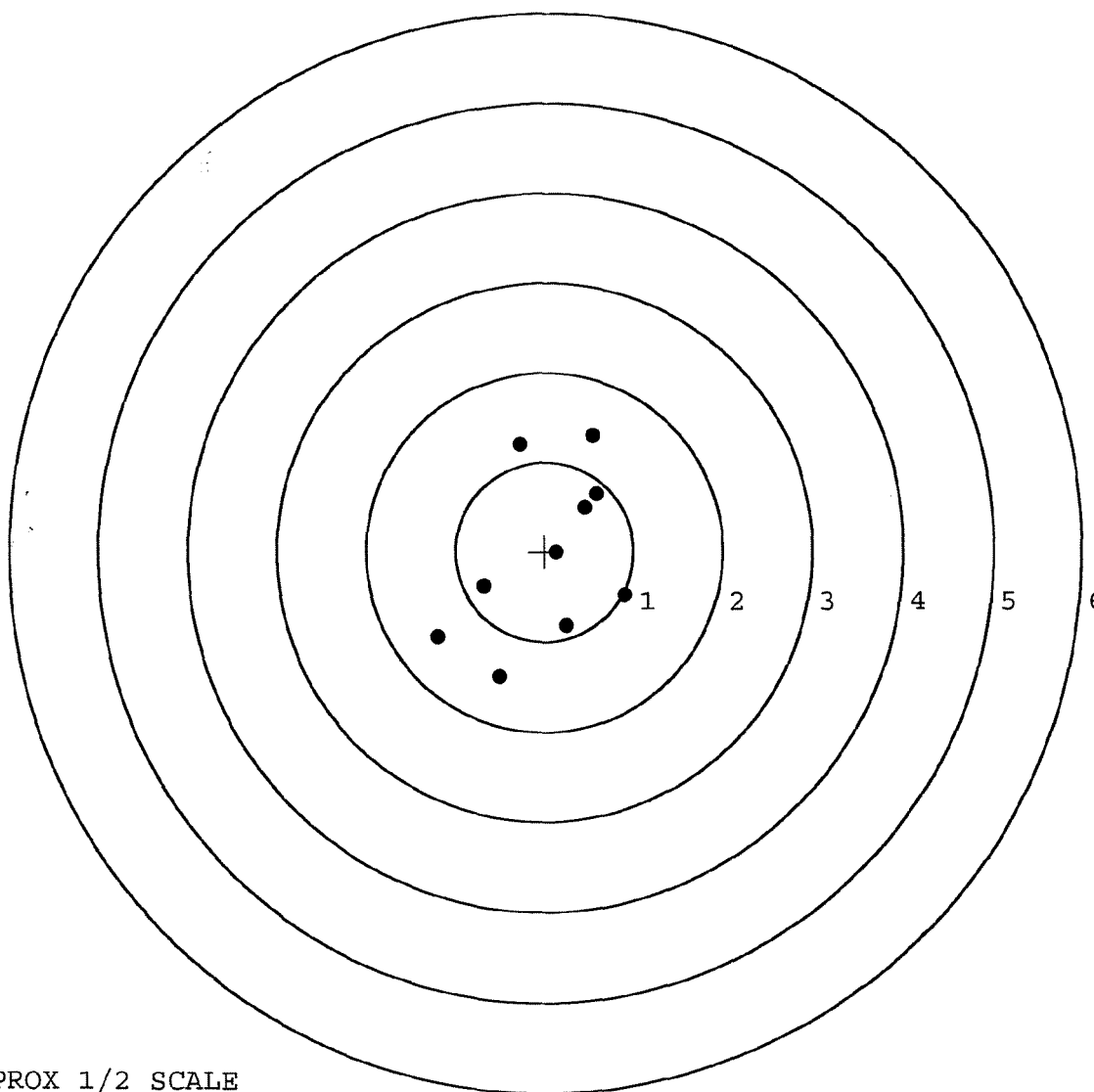
MEAN RADIUS: 0.995

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.901	-0.492
2:	0.249	-0.827
3:	-0.501	-1.393
4:	0.128	-0.016
5:	-0.684	-0.389
6:	-1.197	-0.959
7:	0.451	0.488
8:	0.581	0.640
9:	0.535	1.294
10:	-0.288	1.197



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. __0

TARGET NUMBER: 5

FILE DATE: 10/27/2003

FILE TIME: 11:41

X CENTROID: 0.001

Y CENTROID: 0.104

POA TO CENTROID: 0.104

HORZ SPREAD: 1.226

VERT SPREAD: 1.637

GROUP SPREAD: 1.704

MIN RADIUS: 0.116

MAX RADIUS: 0.898

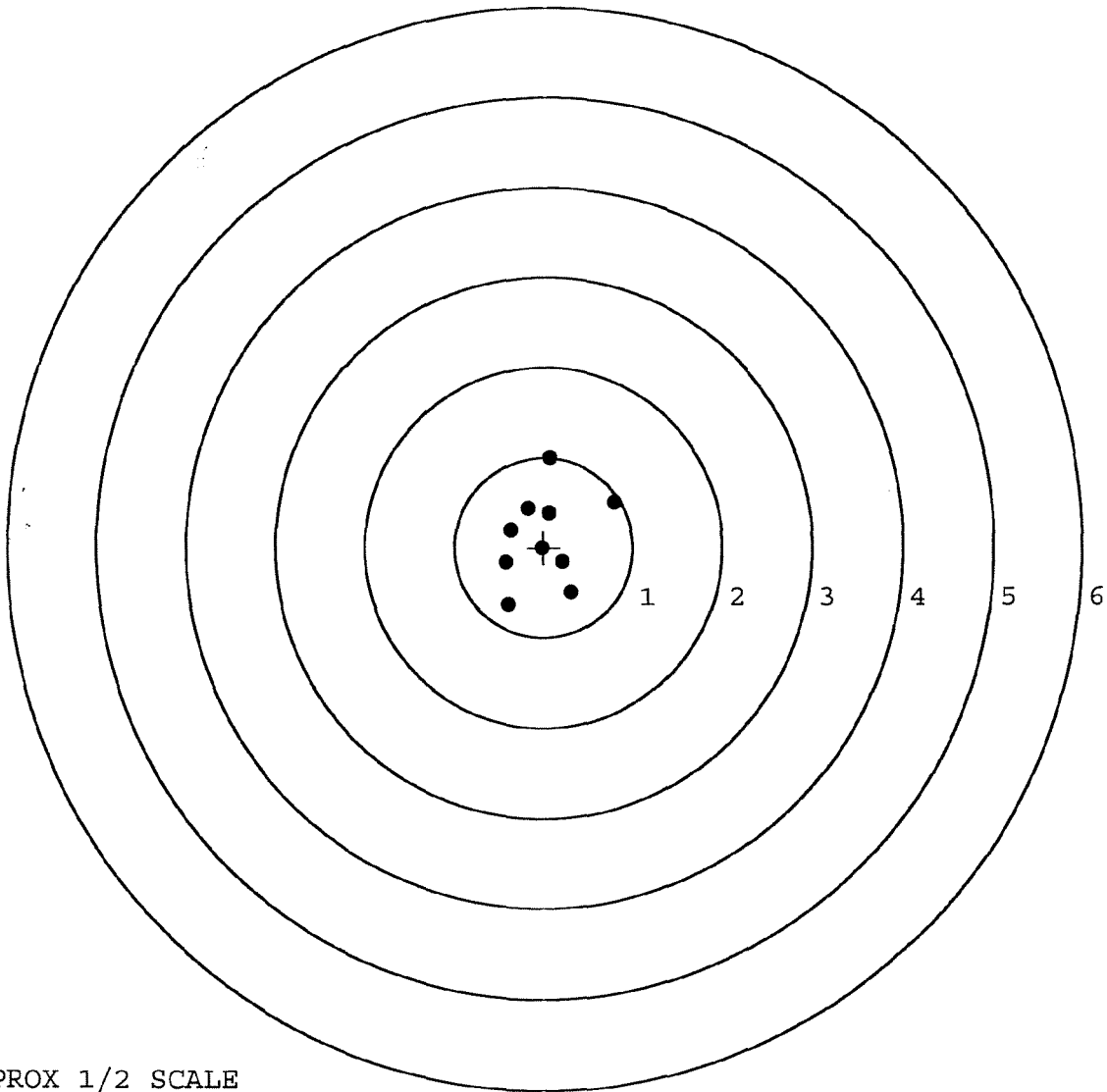
MEAN RADIUS: 0.532

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.793	0.501
2:	0.302	-0.505
3:	0.207	-0.162
4:	-0.024	-0.009
5:	-0.433	-0.167
6:	-0.406	-0.637
7:	-0.372	0.200
8:	0.059	0.383
9:	-0.183	0.436
10:	0.068	1.000



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113040		Fort Bragg	
SERIAL NUMBER	66296796			
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	6-13-06	AL	
505	RE-BARREL	6-14-06	AL	
560	ASSEMBLE	6-22-06	AL	
600	PROOF	MAGNA-FLUX INSPECTED	6-22-06	AL
605	CHECK HEADSPACE	JUN 27 2006	6-22-06	AL
610	DIS-ASSEMBLE GUN	6-22-06	AL	
612	MAGNAFLUX	OPERATOR (APD)	6-27-06	APD
510	DRILL AND TAP	6-26-06	TRW	
615	ROLLMARK CALIBER	6-27-06	CW	
618	ROTO-BLAST	6-27-06	LB	
620	APPLY COATINGS	7-6	HP	
625	FINAL ASSEMBLY	7-10-06	AC	
640	FUNCTION TEST AND	PASS FAIL	7-11-06	S.P.D.
650	TARGET	PASS FAIL	7-11-06	S.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-13-06	AC
	A) HEADSPACE	PASS FAIL	7-13-06	AL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.78 2.82 2.70 2.86 2.69	7-12-06 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.5 7.5 7.5	7-12-06 RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 3.0 3.0	7-12-06 RA
	I) FIRING PIN INDENT	.020	1022 1022.5 1022.5	7-12-06 RA
690	PACK		8-4-06	RA

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TARGET NUMBER: 1

FILE DATE: 10/27/2003

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POA TO CENTROID: 0.478

HORZ SPREAD: 2.861

VERT SPREAD: 2.104

GROUP SPREAD: 3.446

MIN RADIUS: 0.071

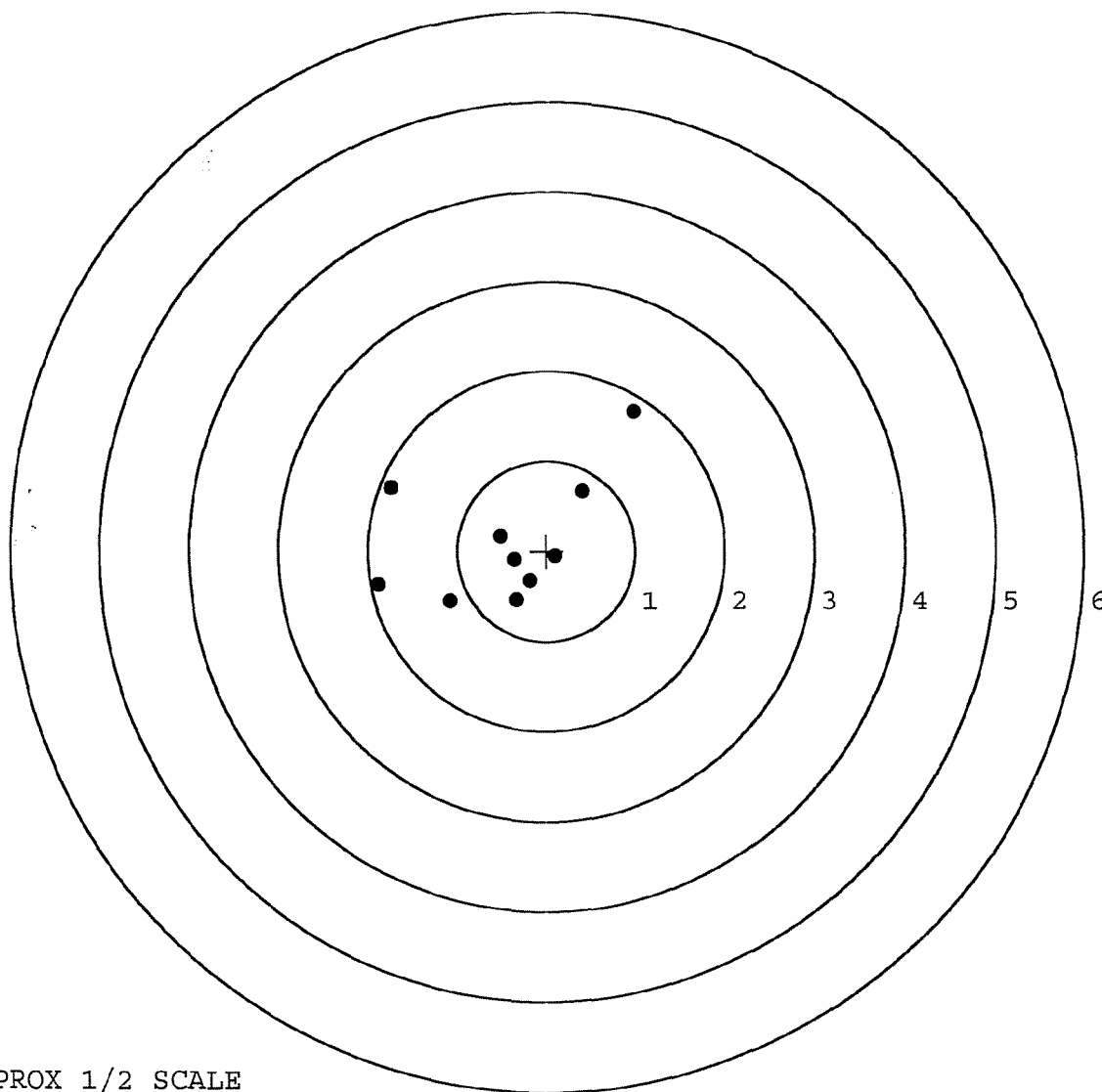
MAX RADIUS: 2.032

MEAN RADIUS: 0.895

IN 1 IN DIAMETER: 2

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TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. 0

TARGET NUMBER: 2

FILE DATE: 10/27/2003

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X CENTROID: -0.031

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POA TO CENTROID: 0.079

HORZ SPREAD: 1.665

VERT SPREAD: 3.327

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MIN RADIUS: 0.191

MAX RADIUS: 2.196

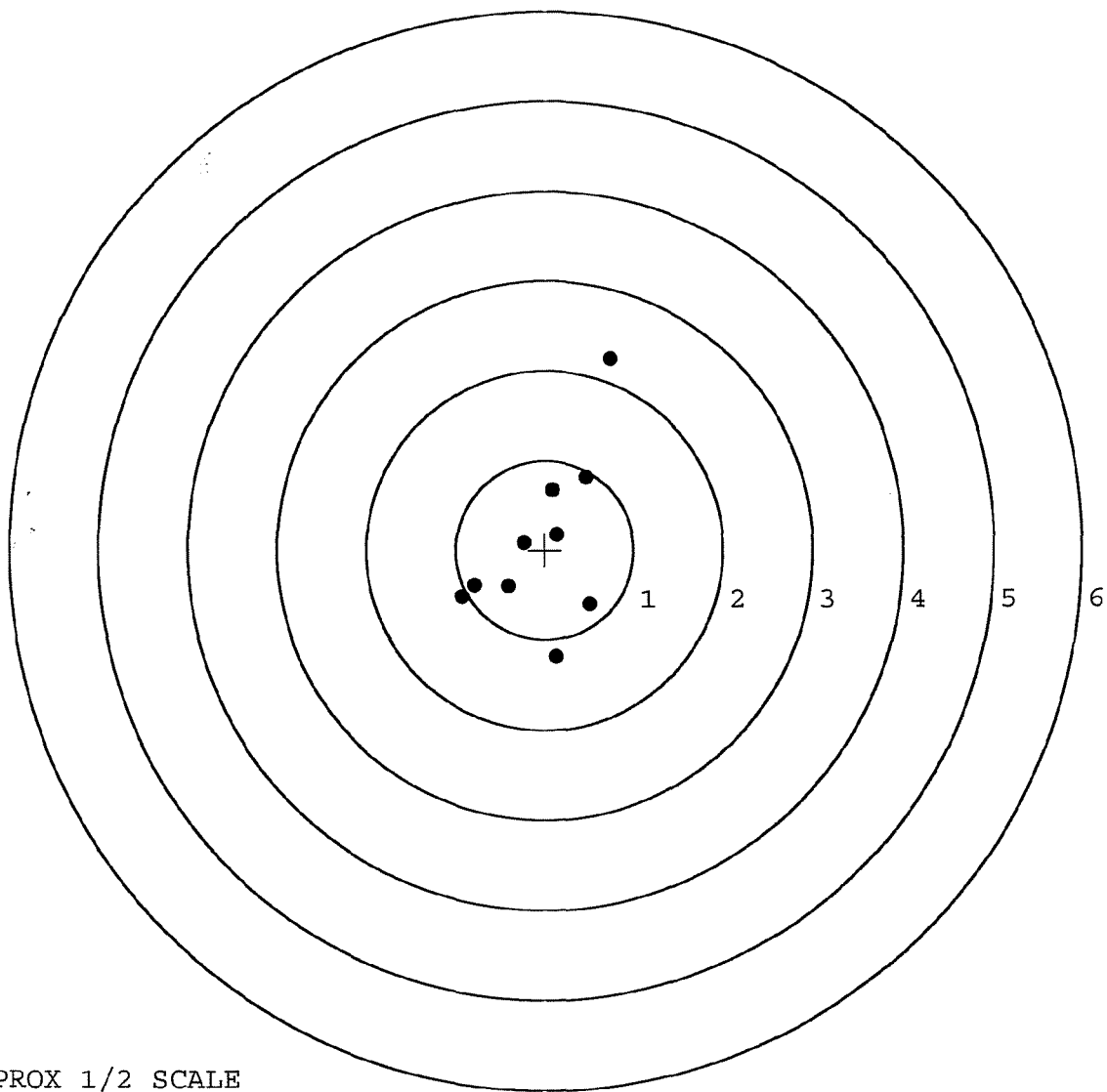
MEAN RADIUS: 0.882

IN 1 IN DIAMETER: 2

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1:	0.505	-0.609
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9:	0.464	0.814
10:	0.737	2.130



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. 0

TARGET NUMBER: 3

FILE DATE: 10/27/2003

FILE TIME: 11:41

X CENTROID: -0.275

Y CENTROID: -0.002

POA TO CENTROID: 0.275

HORZ SPREAD: 2.265

VERT SPREAD: 2.958

GROUP SPREAD: 3.104

MIN RADIUS: 0.198

MAX RADIUS: 1.821

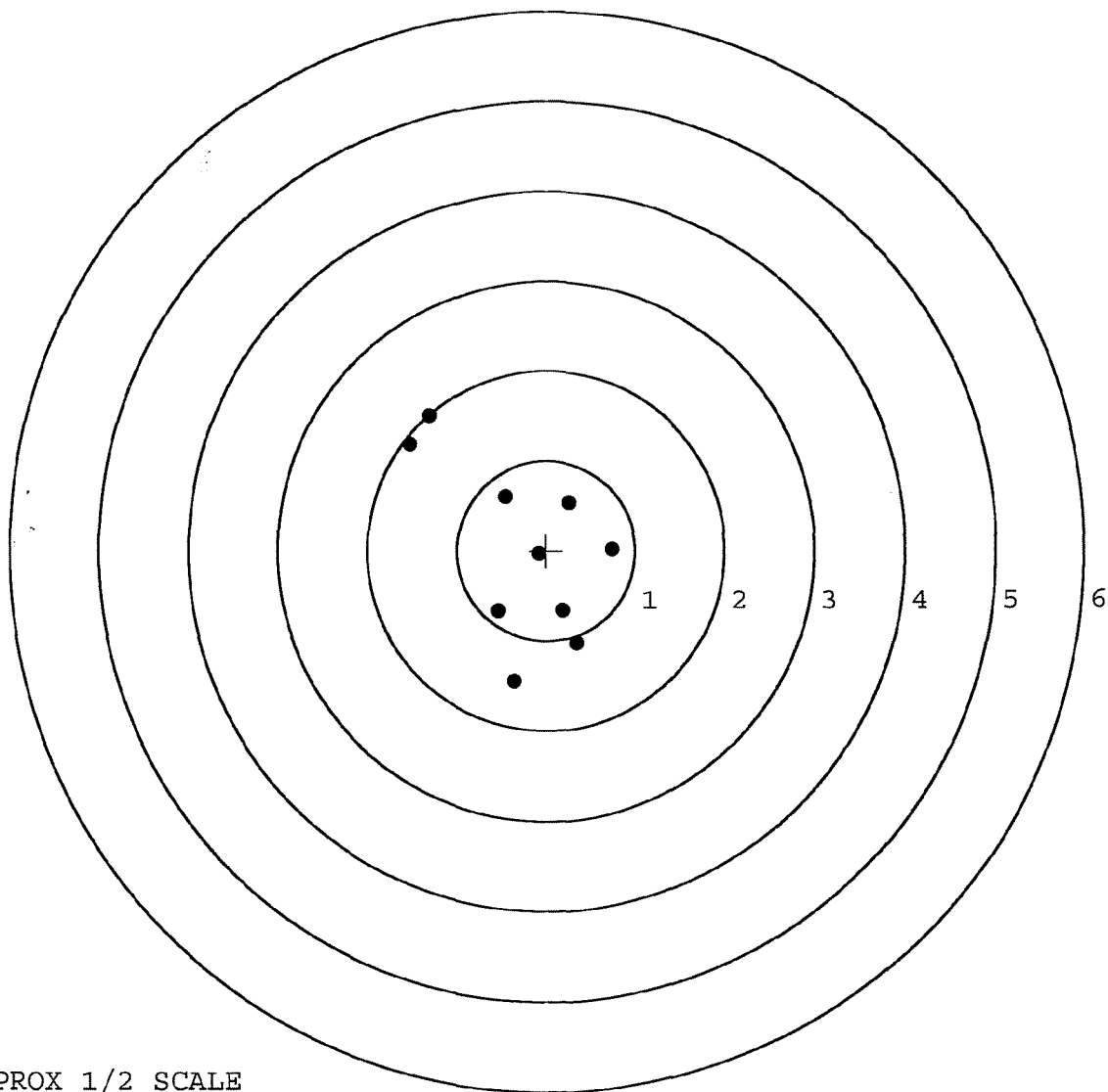
MEAN RADIUS: 1.034

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.346	-1.033
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4:	-0.541	-0.667
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9:	-1.307	1.499
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TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296796. 0

TARGET NUMBER: 4

FILE DATE: 10/27/2003

FILE TIME: 11:41

X CENTROID: 0.018

Y CENTROID: -0.046

POA TO CENTROID: 0.049

HORZ SPREAD: 2.098

VERT SPREAD: 2.687

GROUP SPREAD: 2.842

MIN RADIUS: 0.114

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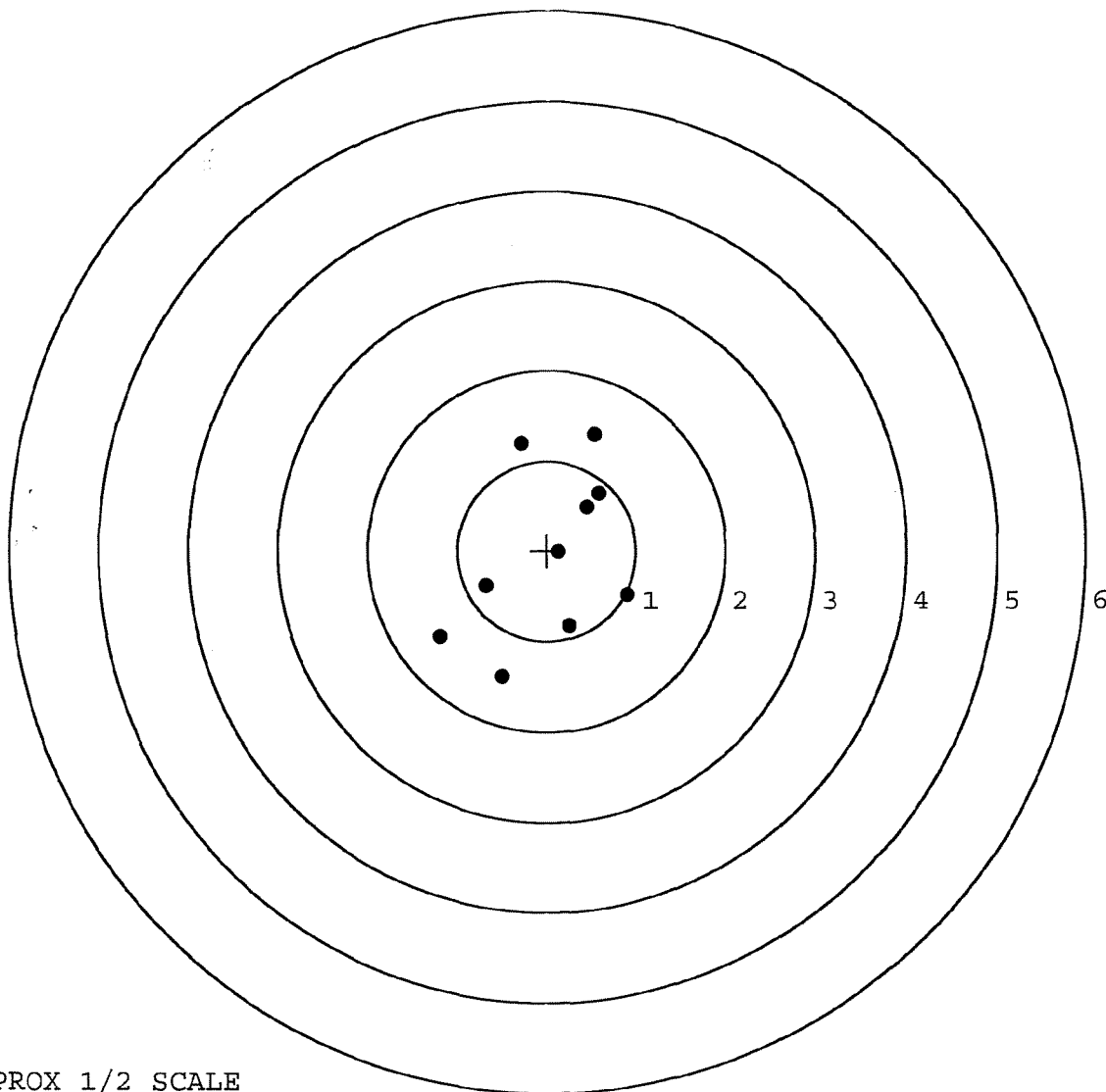
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10:	-0.288	1.197

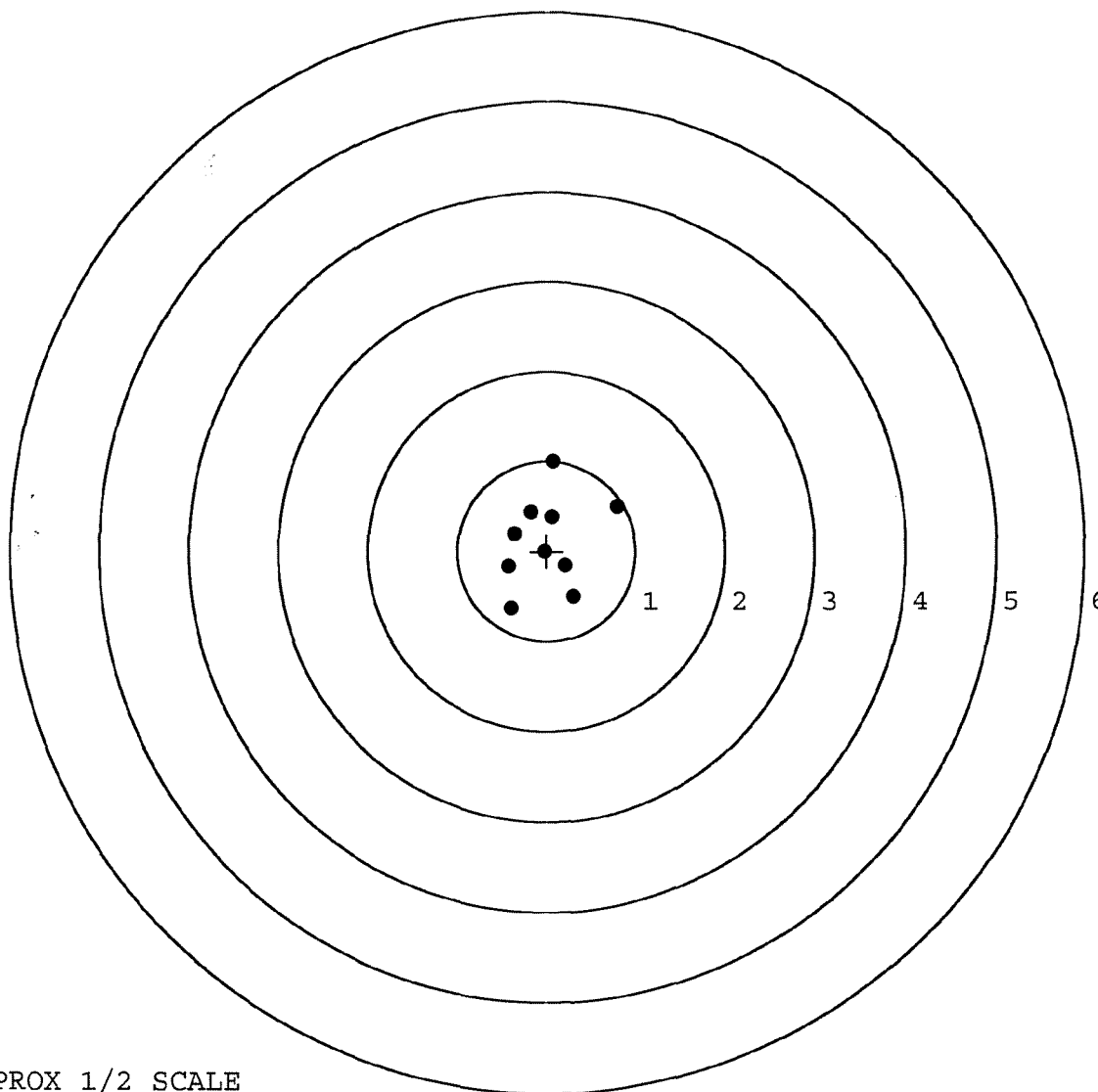


TARGET APPROX 1/2 SCALE

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6:	-0.406	-0.637
7:	-0.372	0.200
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9:	-0.183	0.436
10:	0.068	1.000

X CENTROID: 0.001
 Y CENTROID: 0.104
 POA TO CENTROID: 0.104
 HORZ SPREAD: 1.226
 VERT SPREAD: 1.637
 GROUP SPREAD: 1.704
 MIN RADIUS: 0.116
 MAX RADIUS: 0.898
 MEAN RADIUS: 0.532
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	070758		
SERIAL NUMBER	C6225346 C6296796		
LOG-IN DATE	10-4-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-03	RW
560 A	RE-BARREL	10-8-03	RTZ
B	DRILL AND TAP	10-10-03	TRW
575	ASSEMBLE	10-9-03	RTZ
600	PROOF	10-9-03	AC
605	CHECK HEADSPACE	10-9-03	AC
610	DIS-ASSEMBLE GUN	10-10-03	RR
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	10-11-03	LB
618	ROTO-BLAST	10/13/2003	DMS
620	APPLY COATINGS	10-15	TA
625 A	FINAL ASSEMBLY	10-24-03	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-27-03	AC
655	FINAL INSPECT	10-27-03	RW
660	PACK	10-28-03	DA
		SHIP DATE	
QAR INSPECTION DATE			