

G-6296842
Raphae
E 6413566

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: **RE00112956**

Serial: G6296842 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 5/30/2006 10:40:06 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

Poor

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

haglet

5/31/2006

10:26 AM

CAPS

NUM

INS

SCR1

start

2 Micros...

2 Micros...

3 Intern...

Arms Ser...

Part Sear...

10:26 AM

Serial Number: **G6296842**
Model: **M24 SWS**

RE00112956

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296842.__1
FILE DATE AND TIME: 06/29/2006 18:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.147
The Average Y Centroid of the Five Target Set:	-0.045
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.644
The Distance from POA to Centroid Target #1:	0.401
The Distance from Centroid Target #2 to Centroid Target #1:	0.411
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.442
The Distance from Centroid Target #5 to Centroid Target #1:	0.484

SERIAL NUMBER: G6296842. __1

TARGET NUMBER: 1

FILE DATE: 06/29/2006

FILE TIME: 18:05

POINT#	X	Y
1:	-1.472	-0.021
2:	-1.098	-0.177
3:	-0.464	-1.192
4:	-0.385	-0.344
5:	0.149	-0.278
6:	0.523	0.394
7:	0.016	0.508
8:	-0.408	0.526
9:	-0.647	0.138
10:	-0.124	-0.444

X CENTROID: -0.391

Y CENTROID: -0.089

POA TO CENTROID: 0.401

HORZ SPREAD: 1.995

VERT SPREAD: 1.718

GROUP SPREAD: 1.868

MIN RADIUS: 0.255

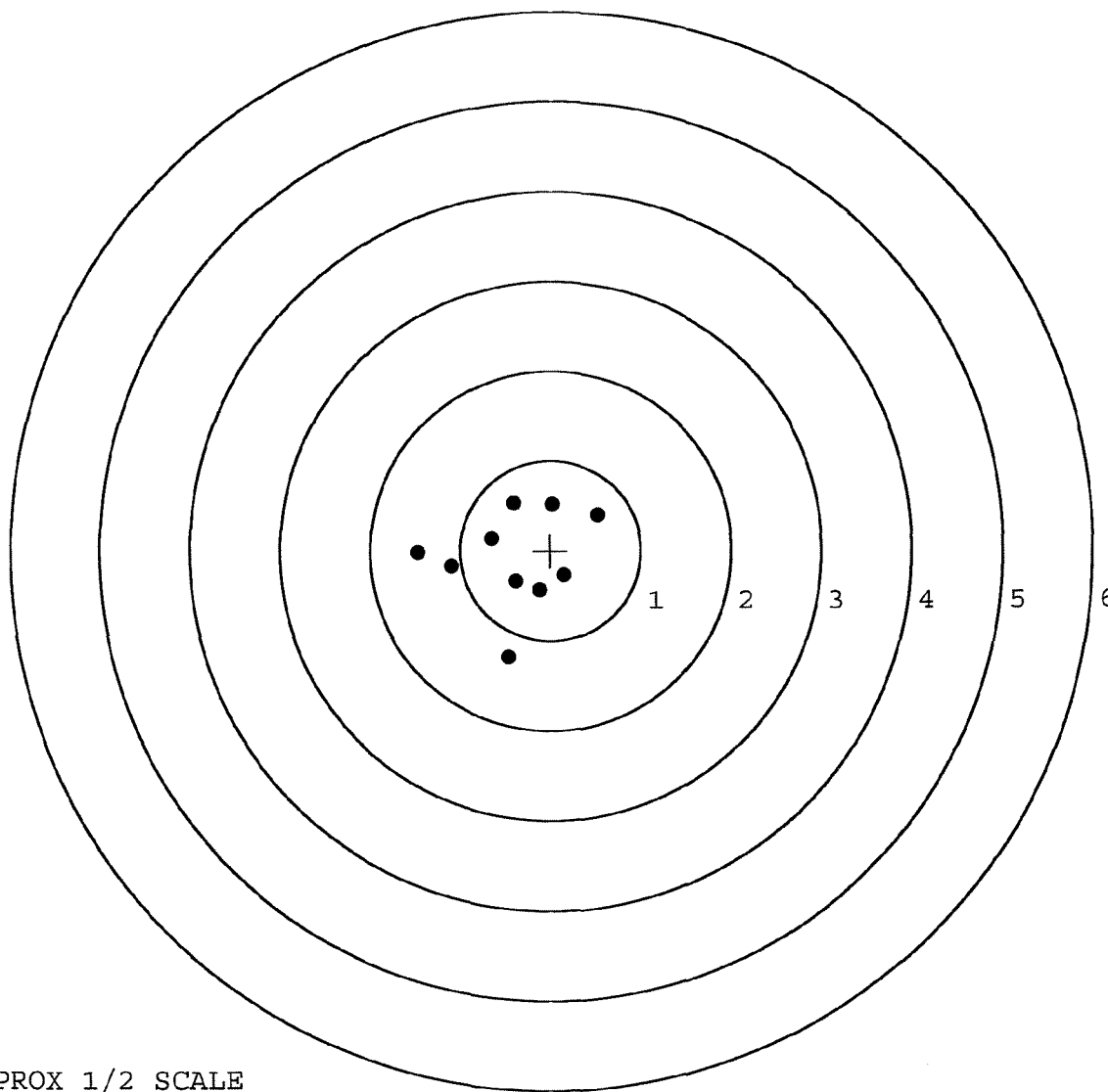
MAX RADIUS: 1.105

MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

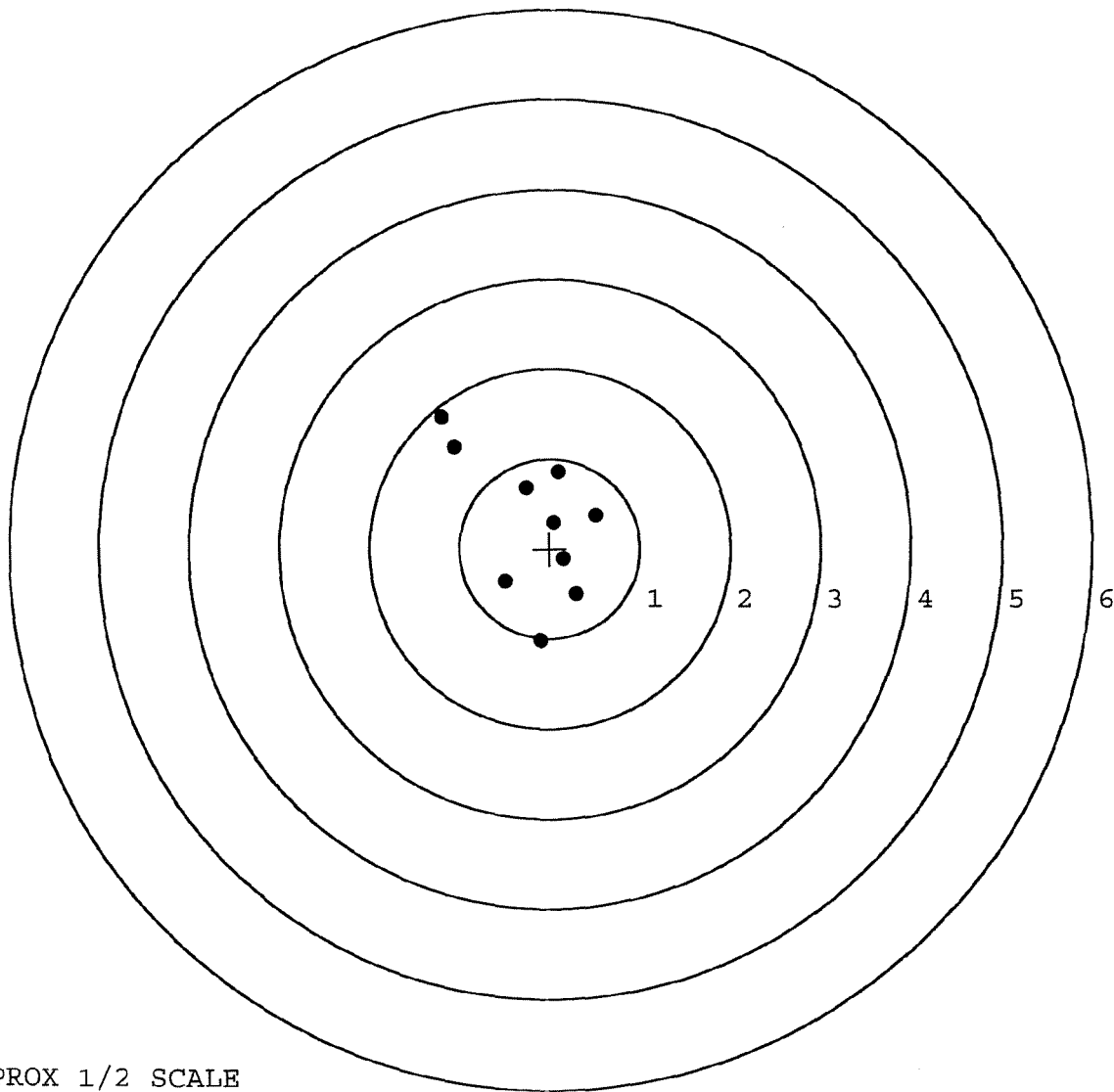


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __1
TARGET NUMBER: 2
FILE DATE: 06/29/2006
FILE TIME: 18:05

X CENTROID: -0.203
Y CENTROID: 0.276
POA TO CENTROID: 0.343
HORZ SPREAD: 1.722
VERT SPREAD: 2.489
GROUP SPREAD: 2.727
MIN RADIUS: 0.244
MAX RADIUS: 1.556
MEAN RADIUS: 0.827
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.213	1.459
2:	-1.065	1.130
3:	-0.263	0.674
4:	0.041	0.289
5:	0.093	0.856
6:	0.509	0.378
7:	0.156	-0.119
8:	0.302	-0.509
9:	-0.100	-1.030
10:	-0.487	-0.367

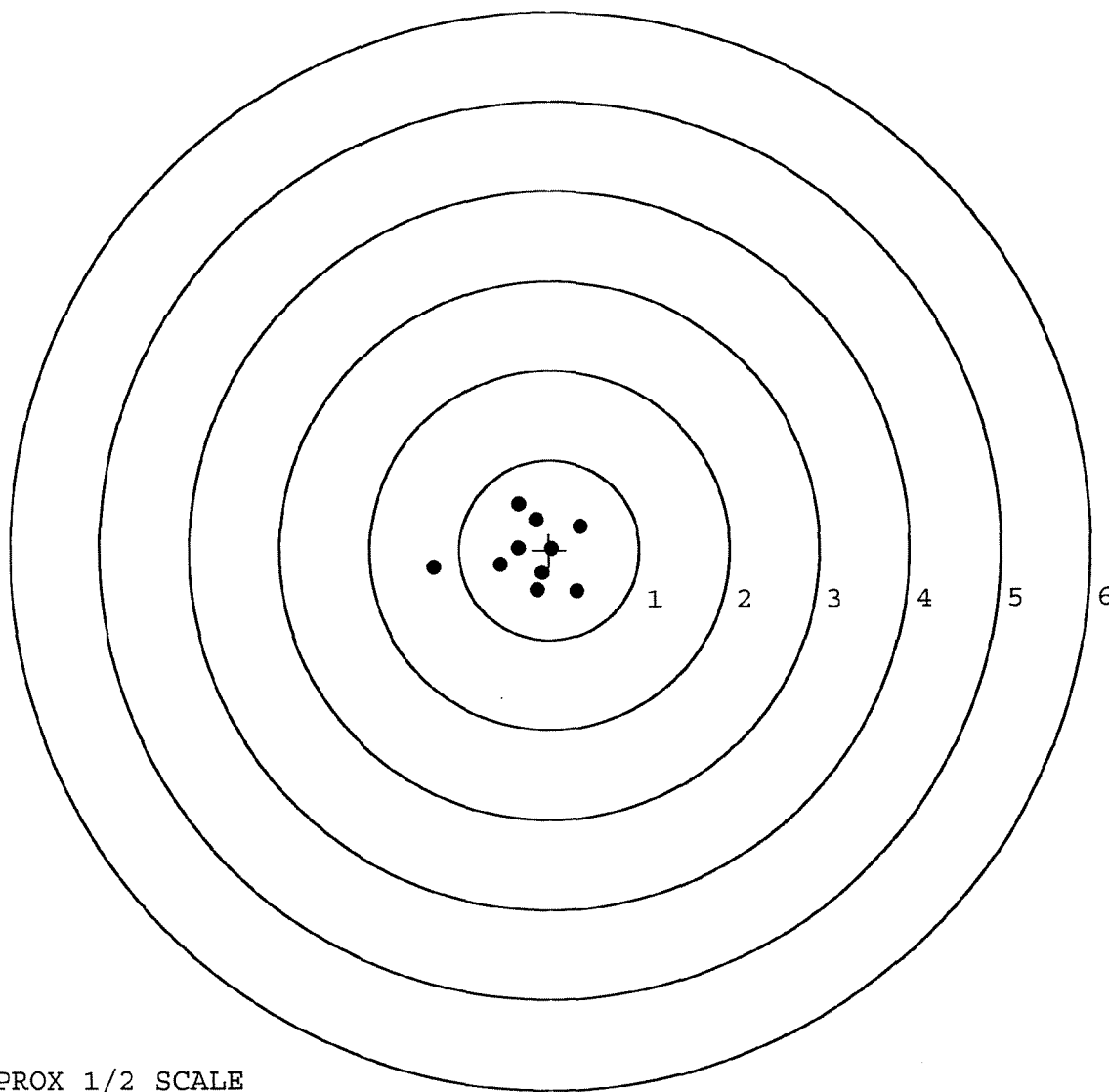


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __1
TARGET NUMBER: 3
FILE DATE: 06/29/2006
FILE TIME: 18:05

X CENTROID: -0.221
Y CENTROID: -0.036
POA TO CENTROID: 0.224
HORZ SPREAD: 1.627
VERT SPREAD: 0.963
GROUP SPREAD: 1.691
MIN RADIUS: 0.138
MAX RADIUS: 1.075
MEAN RADIUS: 0.475
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.345	0.509
2:	-0.150	0.338
3:	0.343	0.267
4:	-0.543	-0.163
5:	-0.346	0.022
6:	-1.284	-0.193
7:	-0.138	-0.448
8:	0.310	-0.454
9:	-0.080	-0.258
10:	0.027	0.018

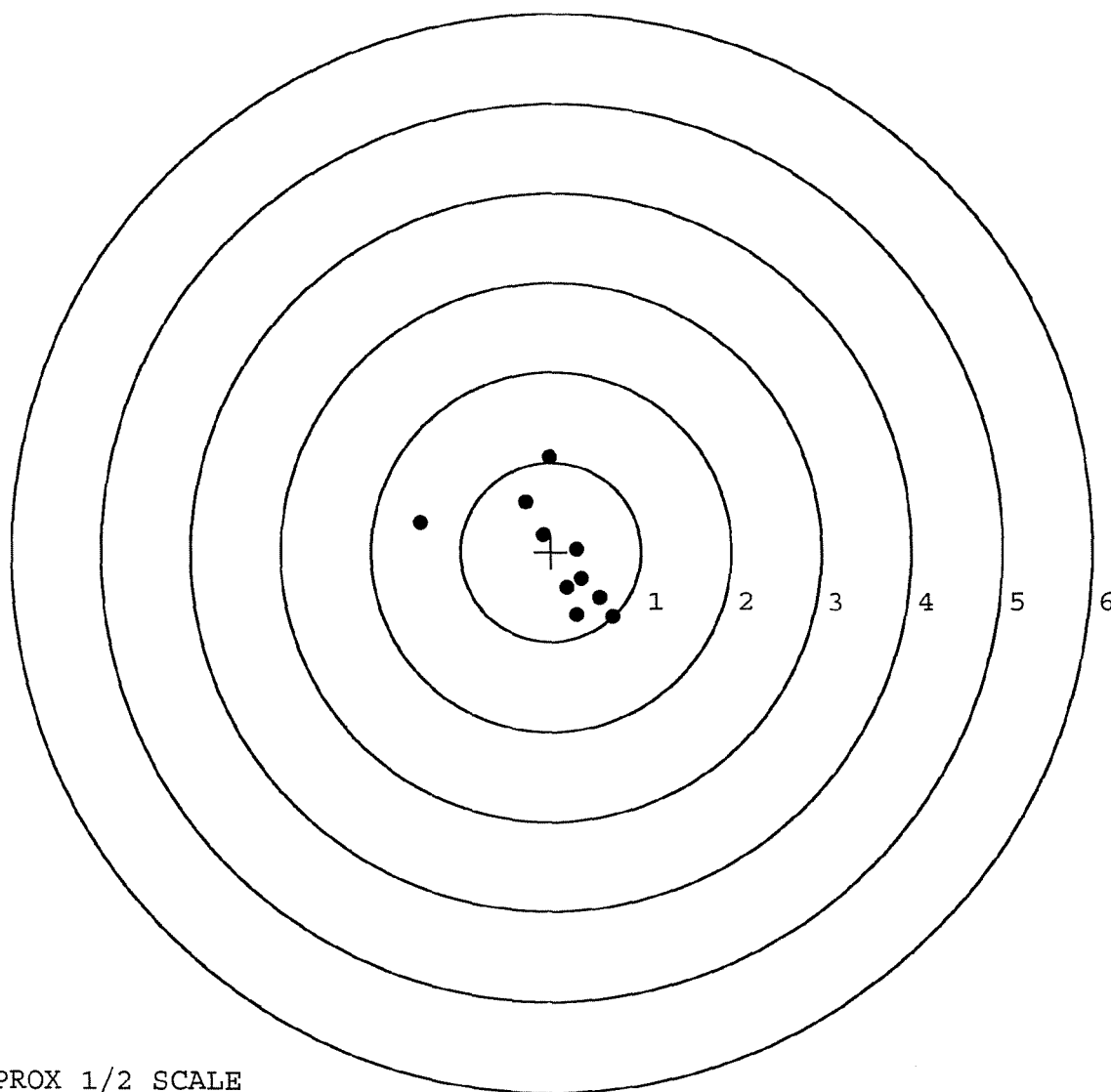


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __1
TARGET NUMBER: 4
FILE DATE: 06/29/2006
FILE TIME: 18:05

X CENTROID: 0.049
Y CENTROID: -0.051
POA TO CENTROID: 0.071
HORZ SPREAD: 2.146
VERT SPREAD: 1.787
GROUP SPREAD: 2.390
MIN RADIUS: 0.254
MAX RADIUS: 1.553
MEAN RADIUS: 0.696
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.021	1.055
2:	-1.459	0.321
3:	-0.282	0.556
4:	-0.092	0.187
5:	0.291	0.027
6:	0.185	-0.401
7:	0.294	-0.708
8:	0.542	-0.512
9:	0.687	-0.732
10:	0.344	-0.301

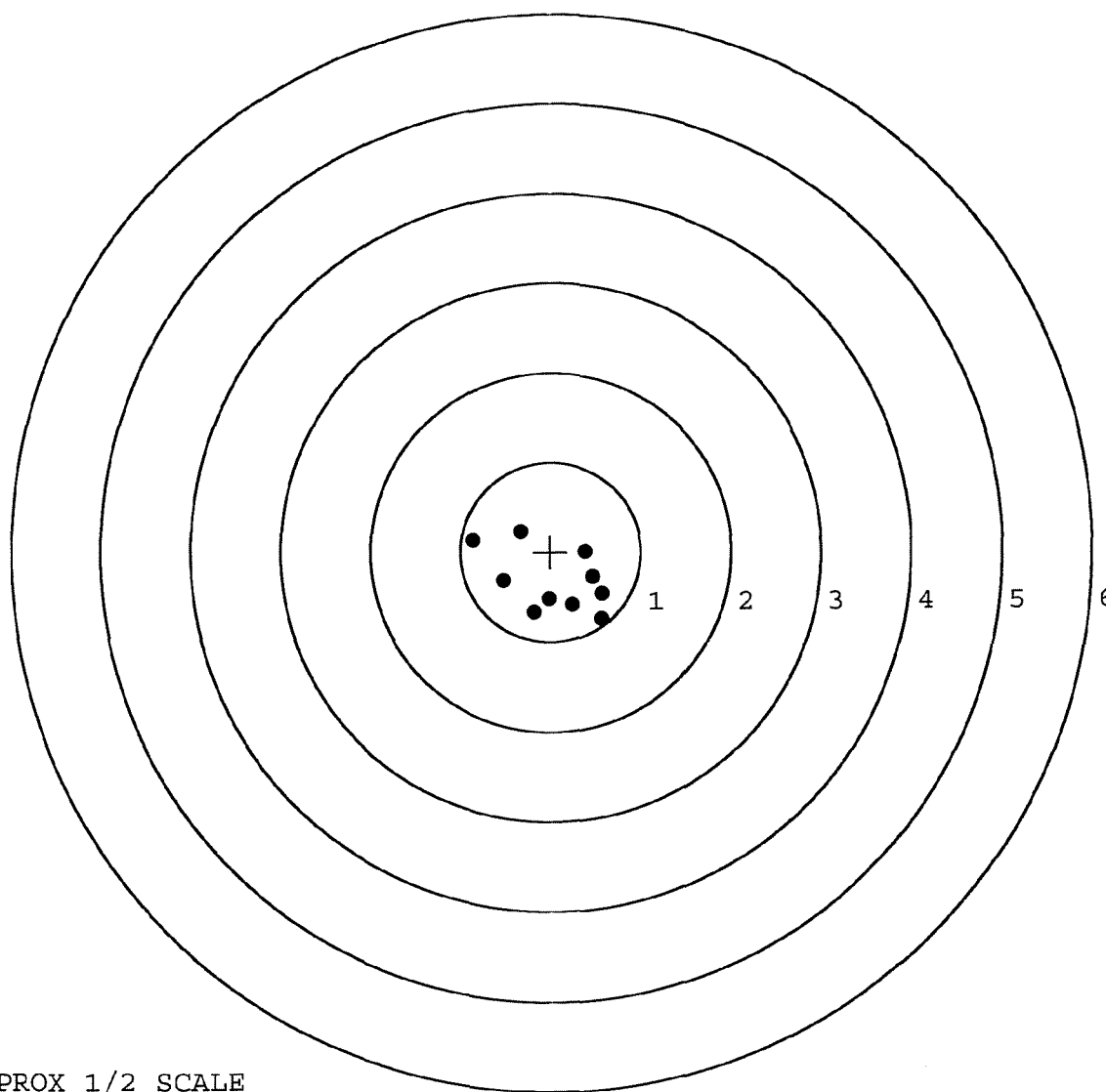


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842.___1
TARGET NUMBER: 5
FILE DATE: 06/29/2006
FILE TIME: 18:05

X CENTROID: 0.031
Y CENTROID: -0.326
POA TO CENTROID: 0.328
HORZ SPREAD: 1.432
VERT SPREAD: 0.981
GROUP SPREAD: 1.677
MIN RADIUS: 0.209
MAX RADIUS: 1.003
MEAN RADIUS: 0.536
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.859	0.136
2:	-0.334	0.232
3:	-0.526	-0.322
4:	-0.188	-0.674
5:	-0.020	-0.529
6:	0.244	-0.598
7:	0.565	-0.749
8:	0.573	-0.471
9:	0.471	-0.285
10:	0.388	-0.003



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112956		
SERIAL NUMBER	G6296842		
LOG-IN DATE	5-30-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-13-06	RTZ
505	RE-BARREL	6-20-06	RTZ
560	ASSEMBLE	6-20-06	RTZ
600	PROOF	6-20-06	TRW
605	CHECK HEADSPACE	6-20-06	TRW
610	DIS-ASSEMBLE GUN	6-21-06	RTZ
612	MAGNAFLUX	6-23-06	unmb
510	DRILL AND TAP	6-22-06	TRW
615	ROLLMARK CALIBER	6-22-06	CW
618	ROTO-BLAST	6-23-06	LB
620	APPLY COATINGS	6-28-06	TRW
625	FINAL ASSEMBLY	6-29-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 6-29-06	MTW
650	TARGET	PASS FAIL 6-29-06	MTW
	MALFUNCTION	CORRECTION 6-29-06	MTW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-6-06	AC
	A) HEADSPACE	PASS FAIL 7-6-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	10 lbs 10 lbs 10 lbs AC
	G) SAFETY OFF FORCE	2 LBS MAX	4 lbs 4 lbs 4 lbs AC
	I) FIRING PIN INDENT	.020	.021 .021 .021 AC
690	PACK		8-4-06 DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296842.__0
FILE DATE AND TIME: 10/29/2003 18:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	-0.090
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.703
The Distance from POA to Centroid Target #1:	0.072
The Distance from Centroid Target #2 to Centroid Target #1:	0.183
The Distance from Centroid Target #3 to Centroid Target #1:	0.051
The Distance from Centroid Target #4 to Centroid Target #1:	0.149
The Distance from Centroid Target #5 to Centroid Target #1:	0.201

SERIAL NUMBER: G6296842. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 18:39

POINT#	X	Y
1:	0.818	0.574
2:	0.863	1.174
3:	0.472	-0.280
4:	0.382	0.165
5:	-0.013	-0.267
6:	-0.149	-0.385
7:	-0.187	-0.644
8:	-0.722	-1.437
9:	-0.468	0.212
10:	-1.342	0.252

X CENTROID: -0.035

Y CENTROID: -0.064

POA TO CENTROID: 0.072

HORZ SPREAD: 2.205

VERT SPREAD: 2.611

GROUP SPREAD: 3.054

MIN RADIUS: 0.205

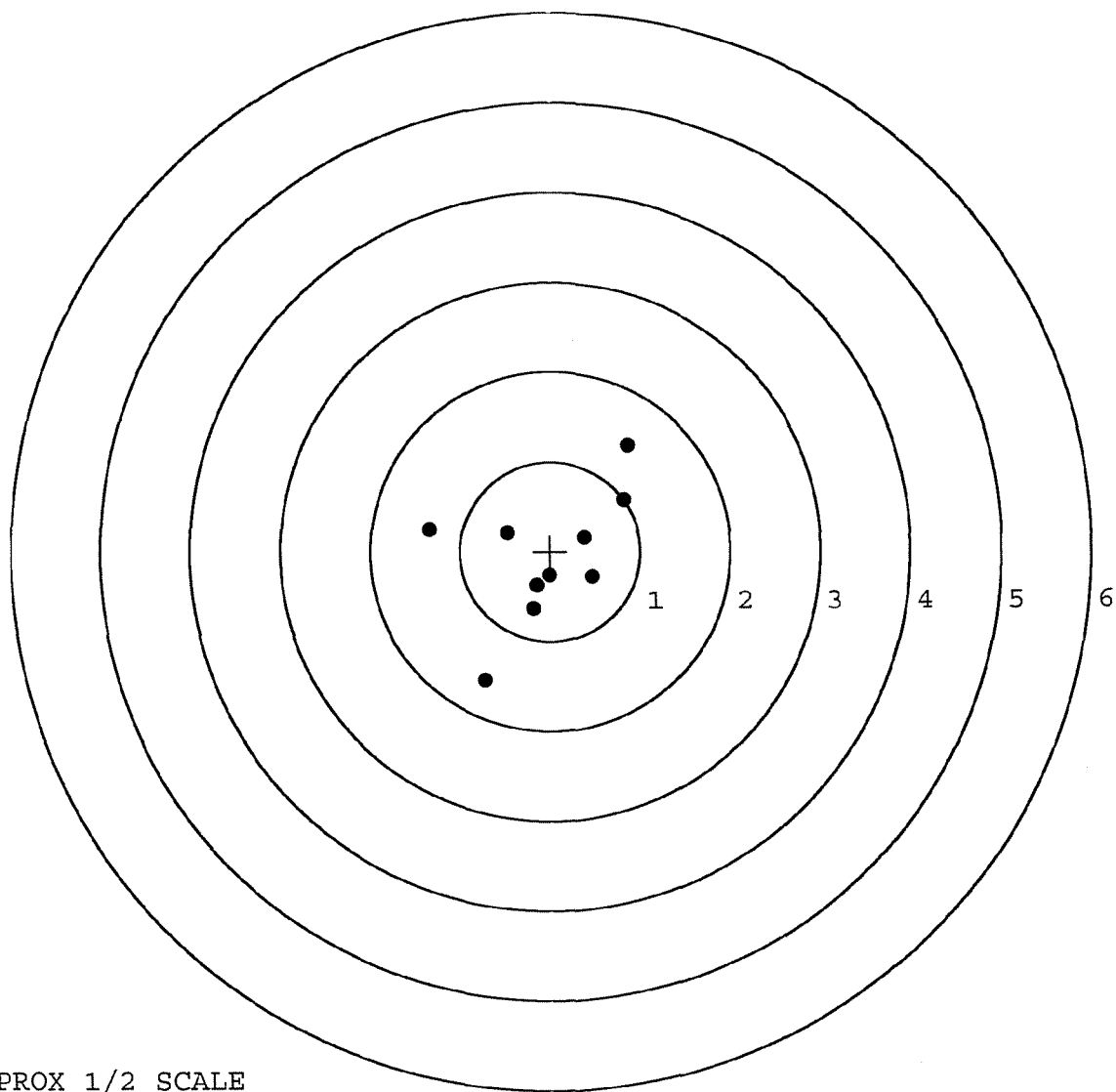
MAX RADIUS: 1.536

MEAN RADIUS: 0.816

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

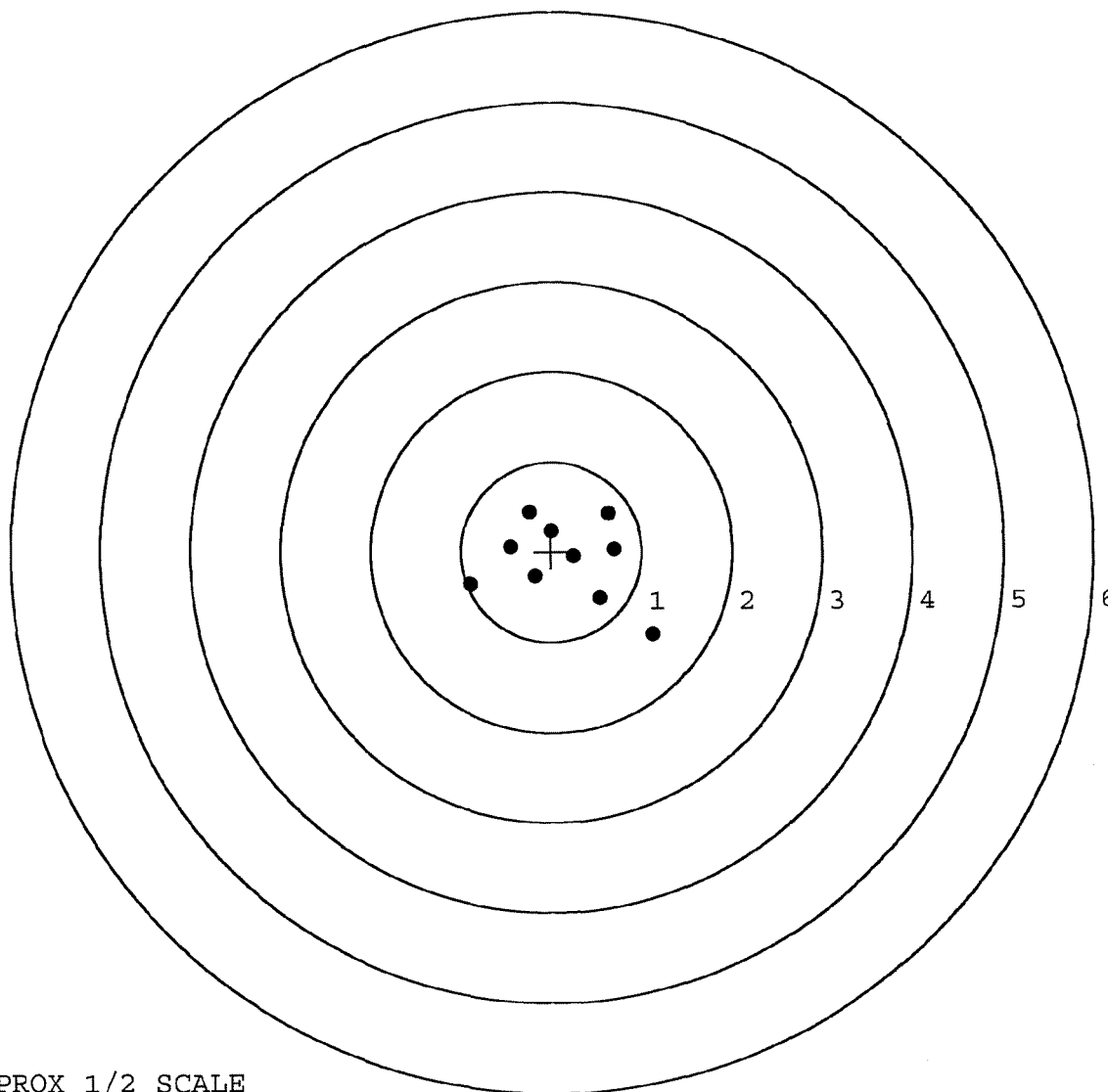


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __0
TARGET NUMBER: 2
FILE DATE: 10/29/2003
FILE TIME: 18:39

X CENTROID: 0.145
Y CENTROID: -0.096
POA TO CENTROID: 0.174
HORZ SPREAD: 2.016
VERT SPREAD: 1.367
GROUP SPREAD: 2.093
MIN RADIUS: 0.112
MAX RADIUS: 1.279
MEAN RADIUS: 0.633
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.119	-0.925
2:	0.534	-0.515
3:	-0.897	-0.362
4:	-0.451	0.055
5:	-0.184	-0.278
6:	-0.244	0.442
7:	-0.004	0.228
8:	0.251	-0.059
9:	0.631	0.428
10:	0.697	0.031



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __0

TARGET NUMBER: 3

FILE DATE: 10/29/2003

FILE TIME: 18:39

X CENTROID: -0.083

Y CENTROID: -0.048

POA TO CENTROID: 0.095

HORZ SPREAD: 2.741

VERT SPREAD: 2.747

GROUP SPREAD: 3.010

MIN RADIUS: 0.068

MAX RADIUS: 1.727

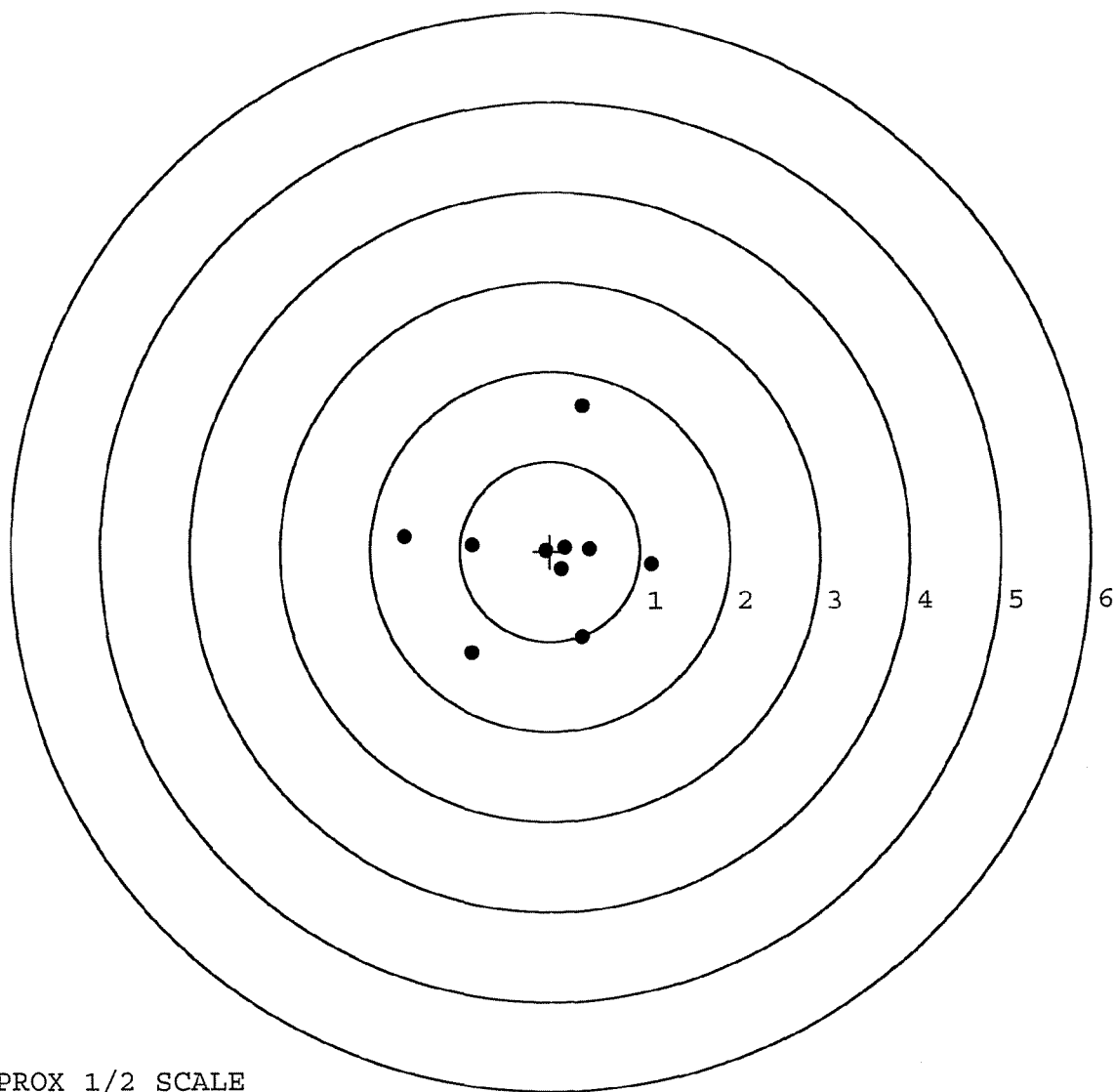
MEAN RADIUS: 0.875

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.121	-0.148
2:	0.354	-0.950
3:	-0.869	-1.126
4:	-0.866	0.075
5:	-1.620	0.167
6:	0.361	1.621
7:	0.443	0.027
8:	0.172	0.045
9:	0.128	-0.200
10:	-0.051	0.012



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 18:39

POINT#	X	Y
1:	1.208	-0.230
2:	-0.010	0.639
3:	0.407	-0.071
4:	-0.355	0.315
5:	-0.678	-0.482
6:	-0.516	-0.968
7:	-0.311	-0.760
8:	-0.164	-0.393
9:	0.031	-0.250
10:	-0.098	0.085

X CENTROID: -0.049

Y CENTROID: -0.211

POA TO CENTROID: 0.217

HORZ SPREAD: 1.886

VERT SPREAD: 1.607

GROUP SPREAD: 1.903

MIN RADIUS: 0.088

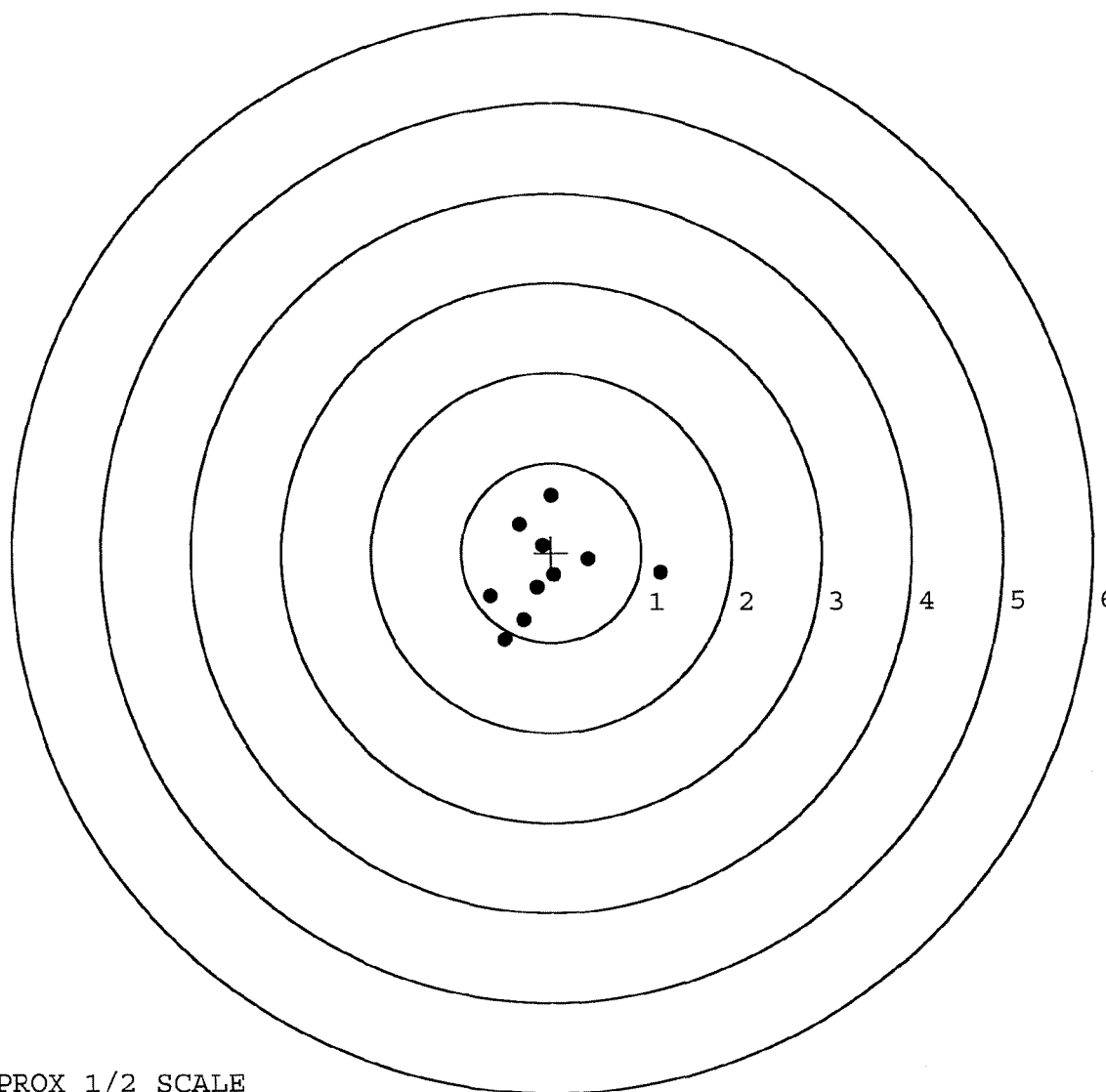
MAX RADIUS: 1.257

MEAN RADIUS: 0.598

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296842. __0

TARGET NUMBER: 5

FILE DATE: 10/29/2003

FILE TIME: 18:39

POINT#	X	Y
1:	0.032	-0.689
2:	-0.324	-0.677
3:	-0.241	-0.198
4:	-0.183	0.199
5:	-0.725	0.222
6:	0.306	-0.213
7:	0.326	0.081
8:	0.511	0.228
9:	0.996	0.190
10:	0.949	0.517

X CENTROID: 0.165

Y CENTROID: -0.034

POA TO CENTROID: 0.168

HORZ SPREAD: 1.721

VERT SPREAD: 1.206

GROUP SPREAD: 1.745

MIN RADIUS: 0.198

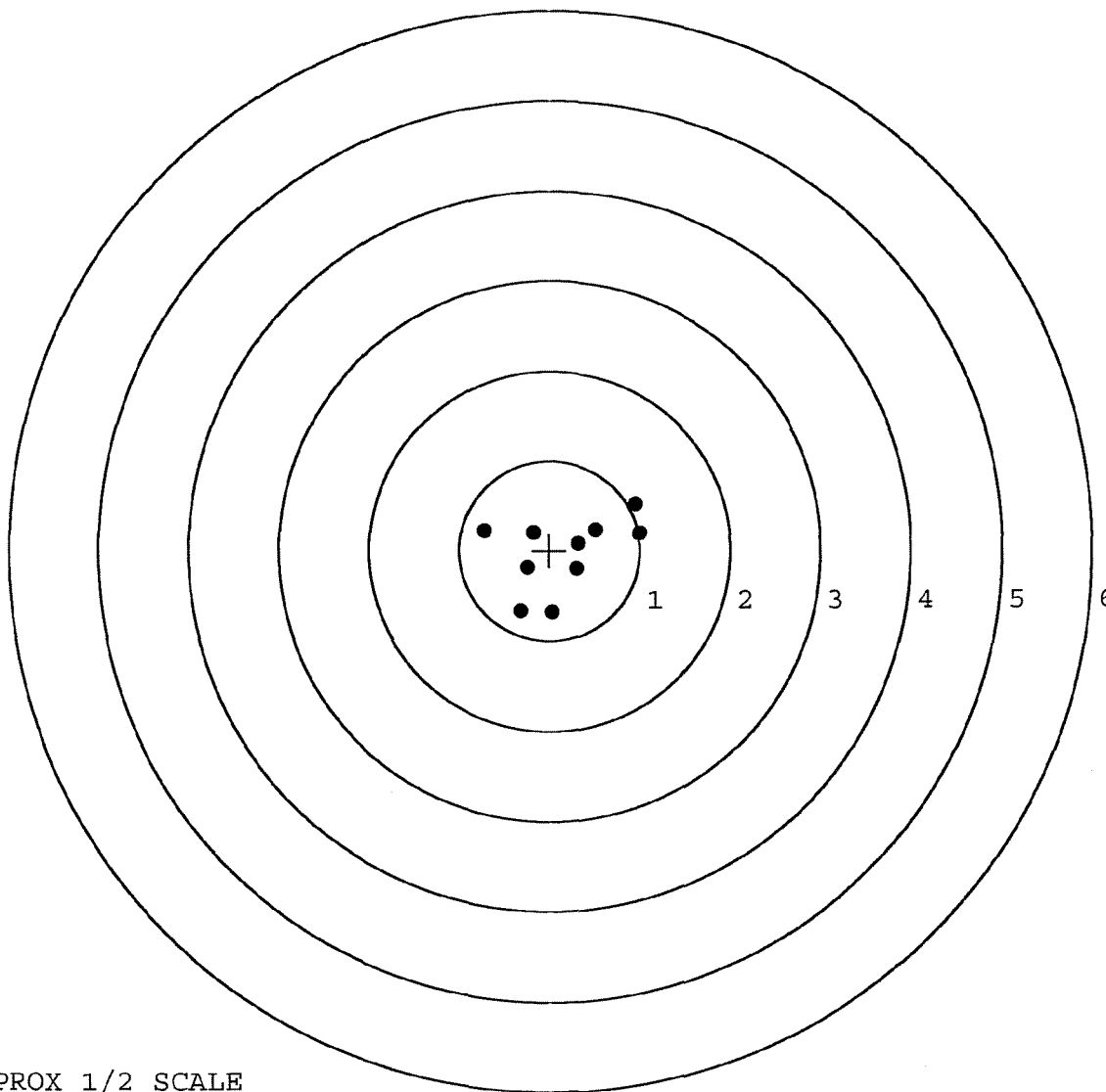
MAX RADIUS: 0.959

MEAN RADIUS: 0.594

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

66413560

SERIAL # G6296842 (New)

INSPECTED BY: ATL

DATE REC'D: 9-30-03

DATE RET'D: 10-30-03

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:

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

R & E NUMBER	70739		
SERIAL NUMBER	E6443560		G6296842
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	JS
618	ROTO-BLAST	10/13/2003	Don S.
620	APPLY COATINGS	10-14	TH
625 A	FINAL ASSEMBLY	10-23-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-28-03	AN
655	FINAL INSPECT	10-30-03	RTL
660	PACK	10-30-03	DA
		SHIP DATE	
OAR INSPECTION DATE			

~~E 637 4617~~
~~C 634 8867~~
~~G 629 6848~~
~~E 641 8471~~

G 629 6842
G 634 9008
G 6300 630