



C-6498835

Arms Services Repair & Estimate System

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Repair Inquiry

Repair Number: **RE00092994** Serial: C6498835 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/11/2005 7:31:33 AM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☐ Received From: ☐

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sight Base	1

Repair Search Refresh Close

Model: 2/14/2005 8:12 AM CAPS INUM INS SCPL

start 5 2 3 Arms Service

Serial Number: **C6498835**

Model: **M24 SWS**



RE00092994

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)

SERIAL NO. _____

DATE 2-18-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.44	2.06		2.80	
PULL #2	2.05	2.16		2.42	
PULL #3	2.23	2.24		2.37	
PULL #4	2.34	2.07		2.25	
PULL #5	2.14	2.13		2.19	
TOTAL	11.20	10.66		12.03	
AVERAGE	2.24	2.13		2.40	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.24		
PULL #2	3.29	3.14		
PULL #3	3.10	3.02		
PULL #4	3.04	3.19		
PULL #5	2.99	3.06		
TOTAL	15.68	15.65		
AVERAGE	3.13	3.13		

	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	4.33	4.44		4.64
PULL #2	4.15	4.01		4.57
PULL #3	4.03	4.13		4.26
PULL #4	4.03	4.05		4.51
PULL #5	3.95	4.03		4.56
TOTAL	20.49	20.66		22.54
AVERAGE	4.09	4.13		4.50

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498835.__0
FILE DATE AND TIME: 03/28/2005 09:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.035
The Average Y Centroid of the Five Target Set:	0.229
The Average Point of Impact of the Five Target Set:	0.232
The Average Mean Radius of the Five Target Set:	1.198
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.377
The Distance from Centroid Target #3 to Centroid Target #1:	0.542
The Distance from Centroid Target #4 to Centroid Target #1:	0.562
The Distance from Centroid Target #5 to Centroid Target #1:	0.456

SERIAL NUMBER: C6498835. __0

TARGET NUMBER: 1

FILE DATE: 03/28/2005

FILE TIME: 09:42

POINT#	X	Y
1:	0.916	-0.274
2:	0.881	-0.081
3:	0.791	0.066
4:	-0.204	-1.161
5:	-0.710	-1.608
6:	-0.376	-0.057
7:	-1.283	-0.207
8:	-1.017	0.942
9:	-1.283	1.372
10:	0.083	2.234

X CENTROID: -0.220

Y CENTROID: 0.123

POA TO CENTROID: 0.252

HORZ SPREAD: 2.199

VERT SPREAD: 3.842

GROUP SPREAD: 3.923

MIN RADIUS: 0.238

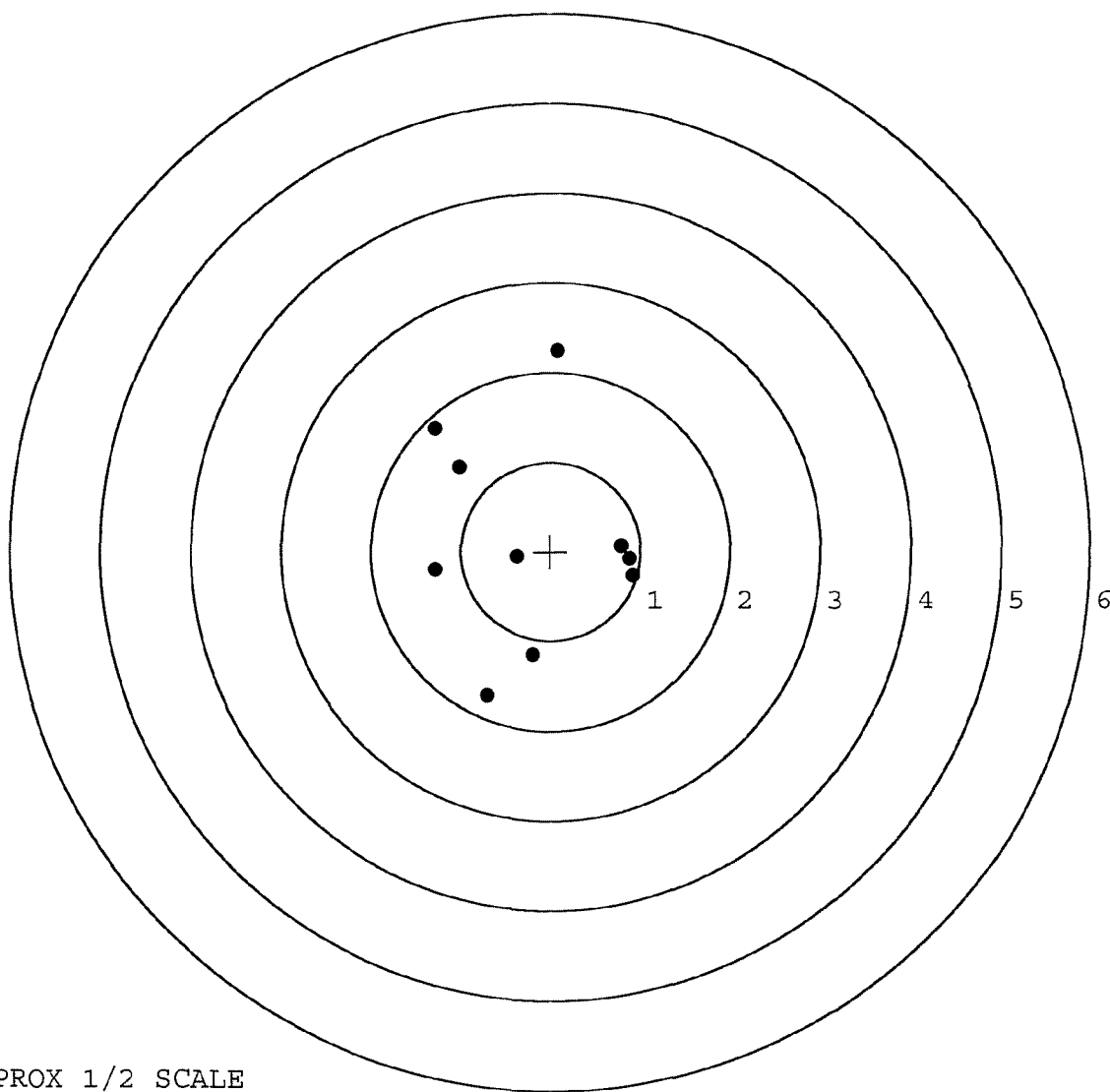
MAX RADIUS: 2.133

MEAN RADIUS: 1.269

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 1

in 3 IN DIAMETER: 7

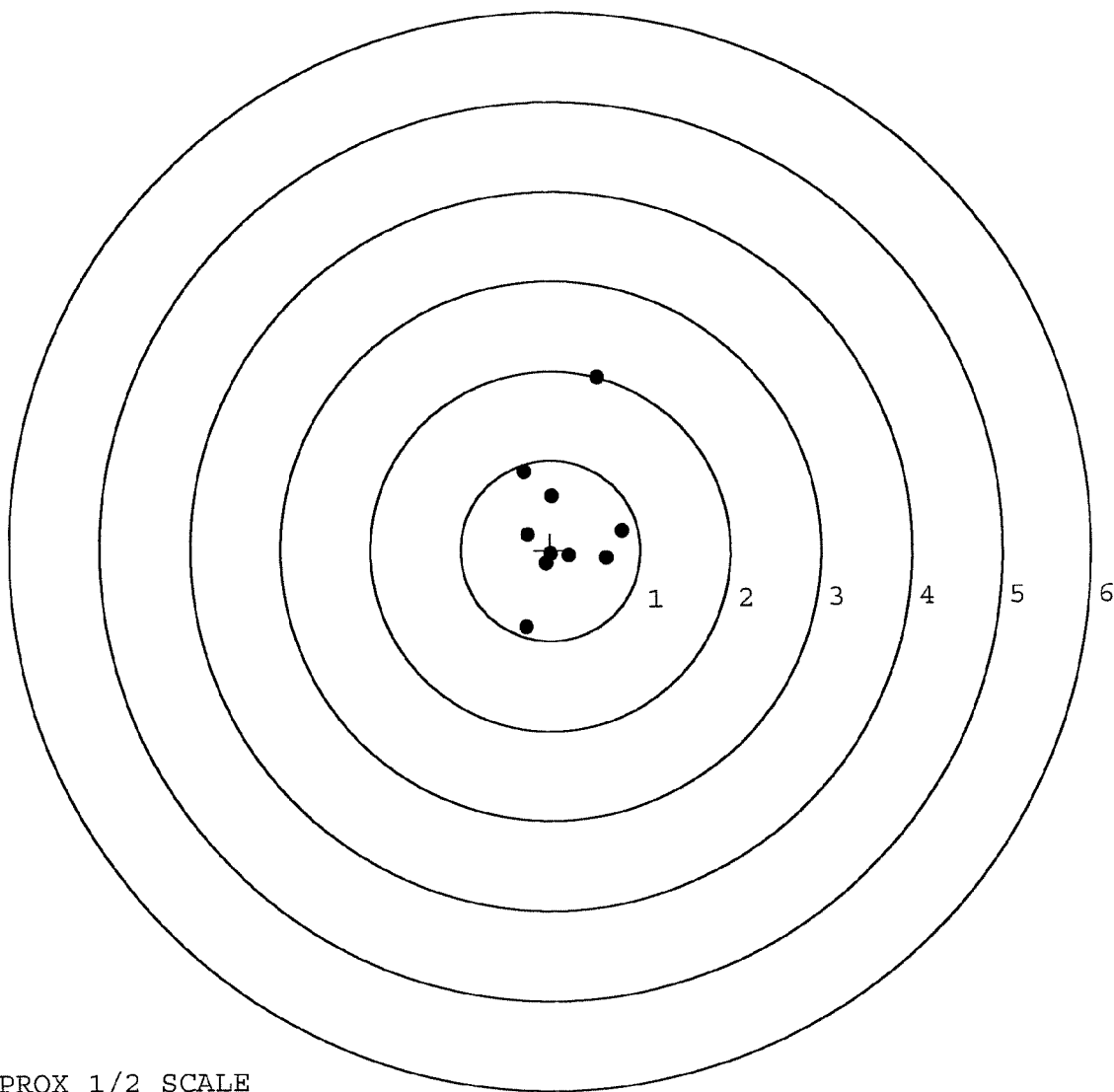


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498835. __0
TARGET NUMBER: 2
FILE DATE: 03/28/2005
FILE TIME: 09:42

X CENTROID: 0.131
Y CENTROID: 0.259
POA TO CENTROID: 0.290
HORZ SPREAD: 1.086
VERT SPREAD: 2.768
GROUP SPREAD: 2.889
MIN RADIUS: 0.324
MAX RADIUS: 1.713
MEAN RADIUS: 0.677
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.282	-0.847
2:	0.797	0.207
3:	0.617	-0.095
4:	0.206	-0.061
5:	-0.059	-0.153
6:	-0.256	0.178
7:	0.025	0.605
8:	-0.289	0.876
9:	0.545	1.921
10:	0.006	-0.040



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498835. __0

TARGET NUMBER: 3

FILE DATE: 03/28/2005

FILE TIME: 09:42

X CENTROID: 0.216

Y CENTROID: -0.200

POA TO CENTROID: 0.294

HORZ SPREAD: 2.531

VERT SPREAD: 3.857

GROUP SPREAD: 4.151

MIN RADIUS: 0.185

MAX RADIUS: 2.177

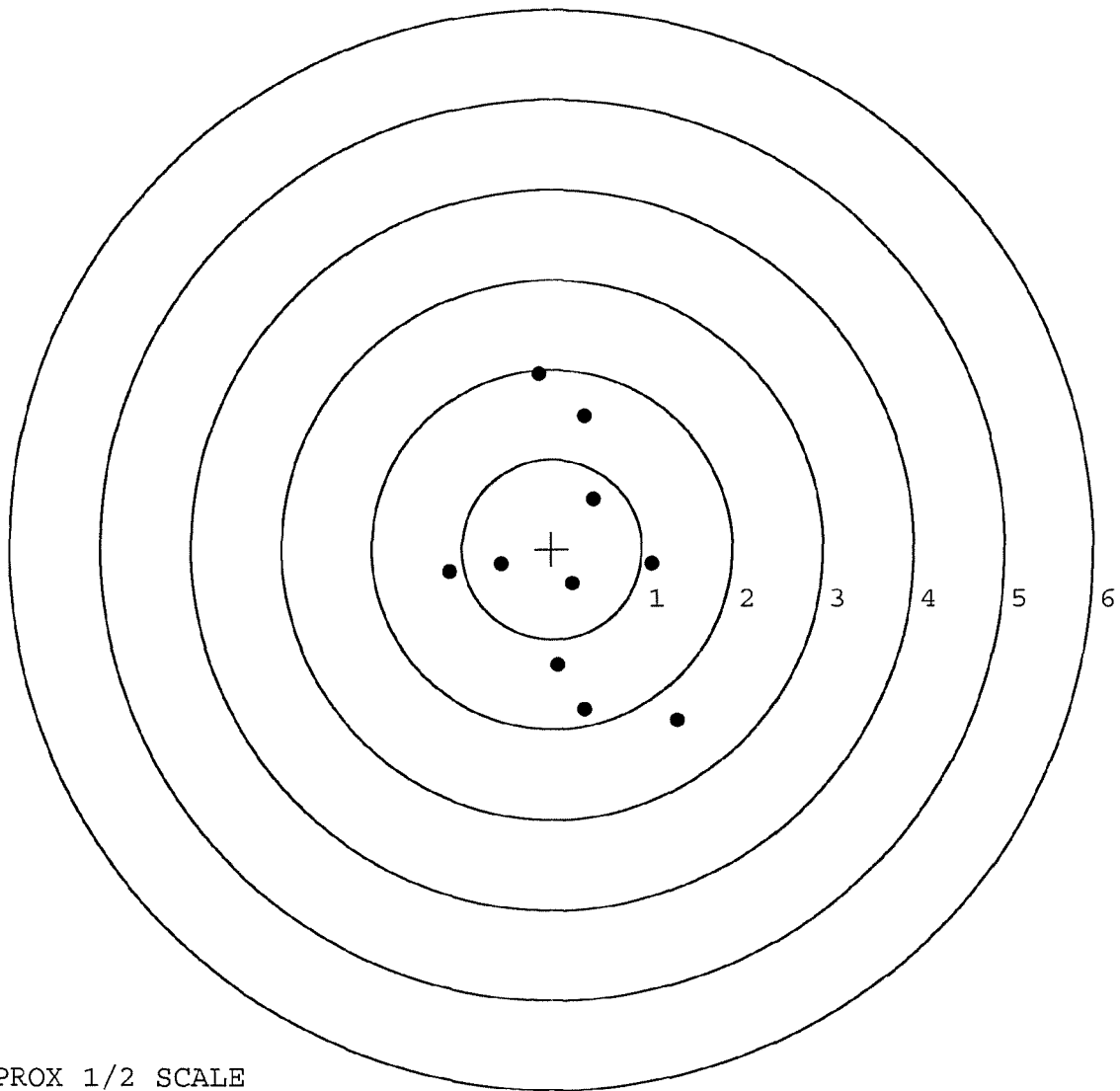
MEAN RADIUS: 1.266

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	1.392	-1.909
2:	0.365	-1.791
3:	0.070	-1.294
4:	1.114	-0.173
5:	0.233	-0.384
6:	-0.560	-0.170
7:	-1.139	-0.265
8:	0.461	0.560
9:	0.364	1.483
10:	-0.142	1.948



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498835. __0

TARGET NUMBER: 4

FILE DATE: 03/28/2005

FILE TIME: 09:42

X CENTROID: -0.158

Y CENTROID: 0.681

POA TO CENTROID: 0.699

HORZ SPREAD: 2.564

VERT SPREAD: 4.173

GROUP SPREAD: 4.710

MIN RADIUS: 0.684

MAX RADIUS: 3.114

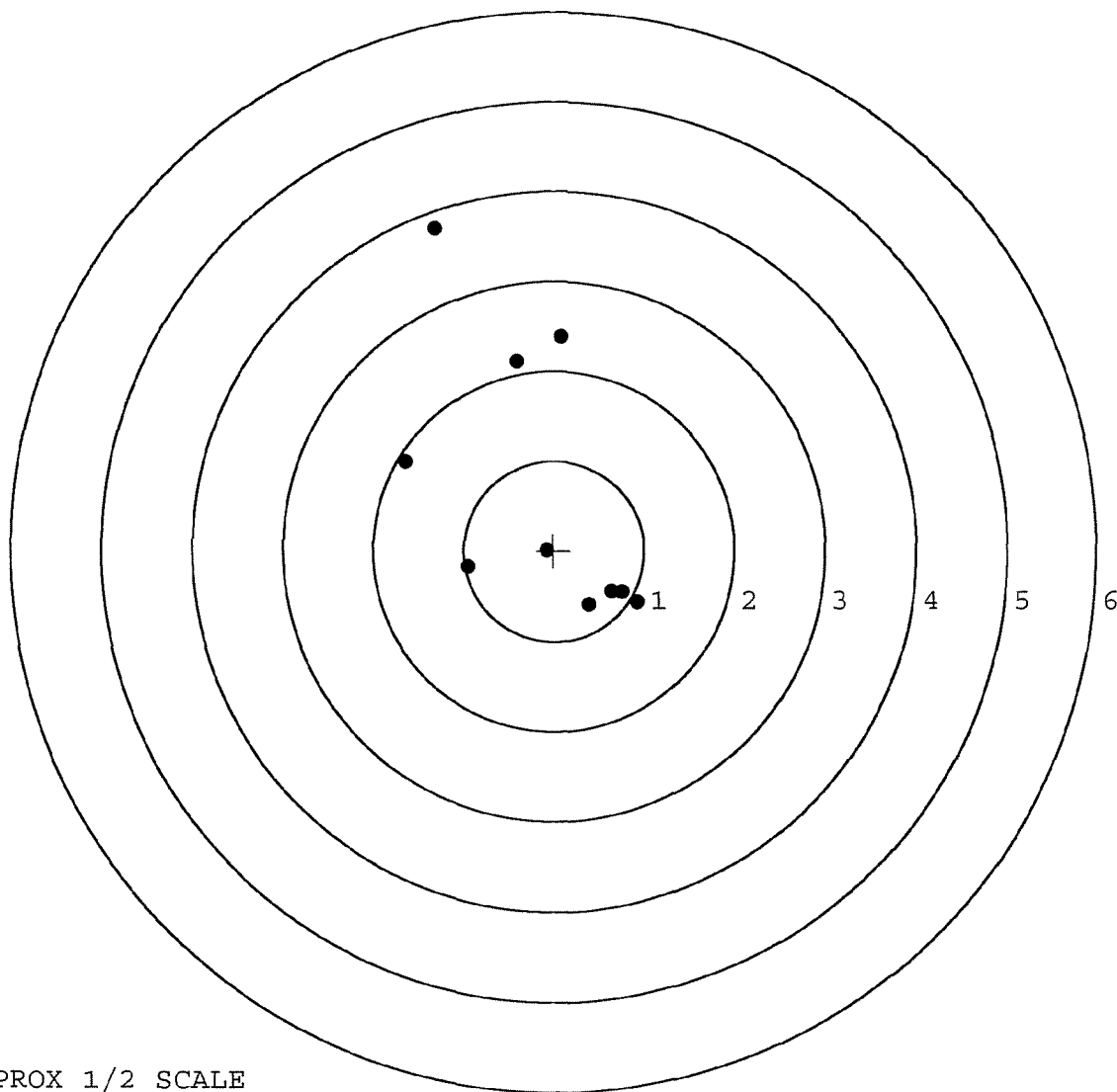
MEAN RADIUS: 1.555

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 1

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-0.947	-0.175
2:	-0.078	0.002
3:	-1.641	0.991
4:	-0.413	2.113
5:	0.092	2.385
6:	-1.308	3.575
7:	0.390	-0.598
8:	0.642	-0.453
9:	0.757	-0.458
10:	0.923	-0.573



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498835. 0

TARGET NUMBER: 5

FILE DATE: 03/28/2005

FILE TIME: 09:42

X CENTROID: 0.207

Y CENTROID: 0.283

POA TO CENTROID: 0.351

HORZ SPREAD: 3.279

VERT SPREAD: 2.243

GROUP SPREAD: 3.424

MIN RADIUS: 0.481

MAX RADIUS: 1.830

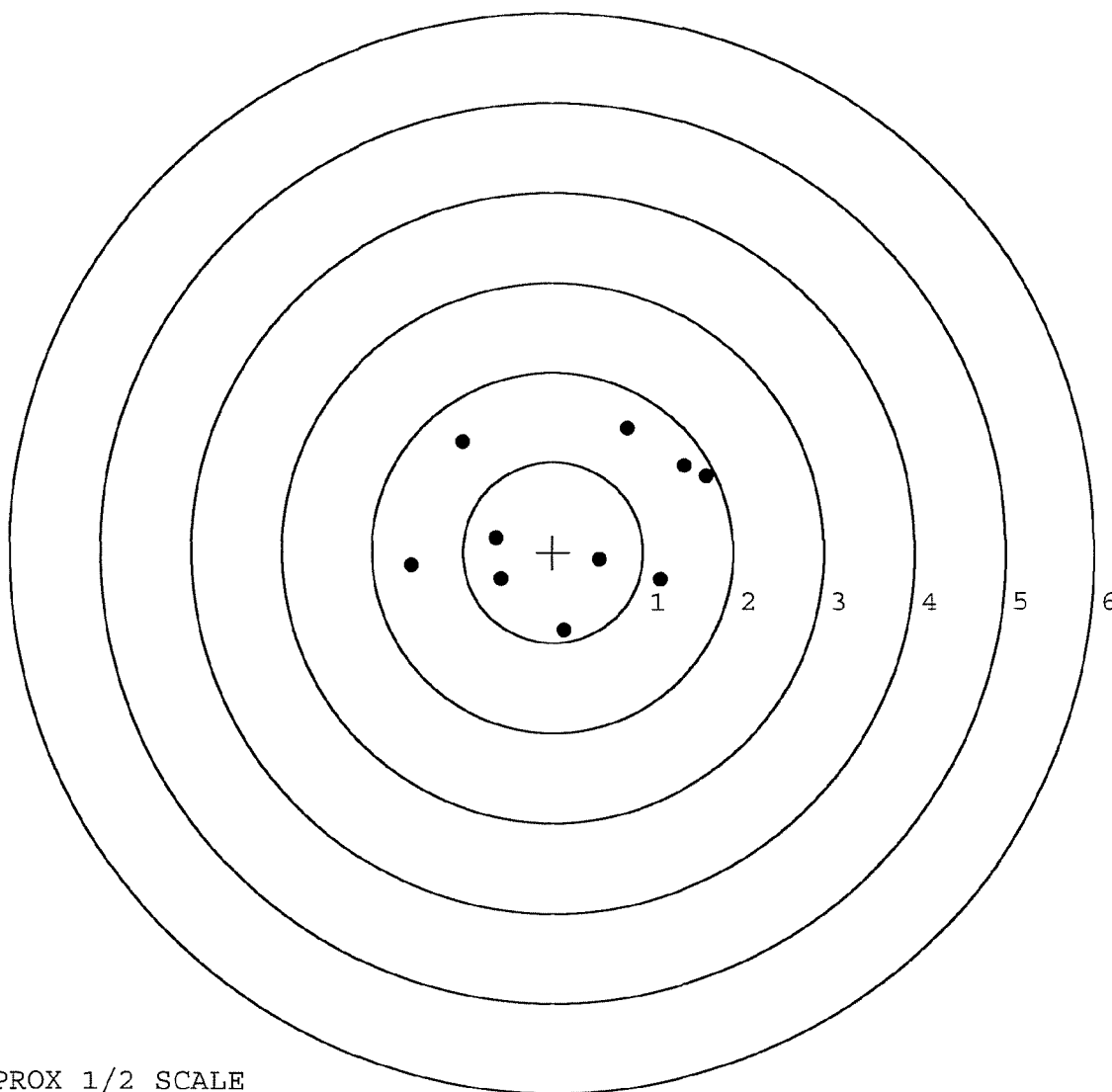
MEAN RADIUS: 1.223

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.195	-0.301
2:	0.515	-0.086
3:	0.125	-0.868
4:	-0.579	-0.298
5:	-0.620	0.155
6:	-1.571	-0.150
7:	-0.999	1.224
8:	0.830	1.375
9:	1.462	0.948
10:	1.708	0.835



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92994		
SERIAL NUMBER	0649 8835		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTZ
560 A	RE-BARREL	2-22-05	RTZ
B	DRILL AND TAP	2-28-05	TRL
575	ASSEMBLE	2-23-05	RTZ
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTZ
612	MAGNAFLUX	OPERATOR	AC
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3-16-05	HP
625 A	FINAL ASSEMBLY	3-24-05	RTZ
B	TRIGGER PULL TEST	3-31-05	AC
C	SAFETY "ON" FORCE	3-31-05	AC
D	SAFETY "OFF" FORCE	3-31-05	AC
E	FIRING PIN INDENT	3-31-05	AC
640	TARGET	3-28-05	AC
655	FINAL INSPECT	3-31-05	AC
660	PACK	4-22-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	