

G 6695397
Replaces

B 6824009

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: RE00135891

Serial: B6824009 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 10/26/2007 8:26:13 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: US ARDEC RDECOM

US ARDEC RDECOM

Address 1: ROUTE 15 (973-724-4031)

ROUTE 15 (973-724-4031)

Address 2: BLDG. 34 NORTH

PO Box:

BLDG. 34 NORTH

PO Box:

City: PICATINNY ARSENAL

PICATINNY ARSENAL

State: NJ

Zip Code: 07806

Country: US

State: NJ

Zip Code: 07806

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

nagletj

10/29/2007

10:57 AM

CAPS

NUM

INS

SCRL



669
~~G6695385~~
 B6824009
 Model: M24 SWS

 RE00135891
~~G6695385~~
 G6695397

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695385.__0

FILE DATE AND TIME: 01/18/2008 12:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	0.027
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.927
The Distance from POA to Centroid Target #1:	0.172
The Distance from Centroid Target #2 to Centroid Target #1:	0.360
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.273
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: G6695385. __0

TARGET NUMBER: 1

FILE DATE: 01/18/2008

FILE TIME: 12:50

POINT#	X	Y
1:	-1.968	0.898
2:	-0.809	0.644
3:	-0.286	0.287
4:	-0.458	-0.423
5:	-0.203	-0.384
6:	-0.103	-1.477
7:	0.736	-0.461
8:	1.684	0.063
9:	0.953	1.153
10:	1.184	1.256

X CENTROID: 0.073

Y CENTROID: 0.156

POA TO CENTROID: 0.172

HORZ SPREAD: 3.652

VERT SPREAD: 2.733

GROUP SPREAD: 3.746

MIN RADIUS: 0.382

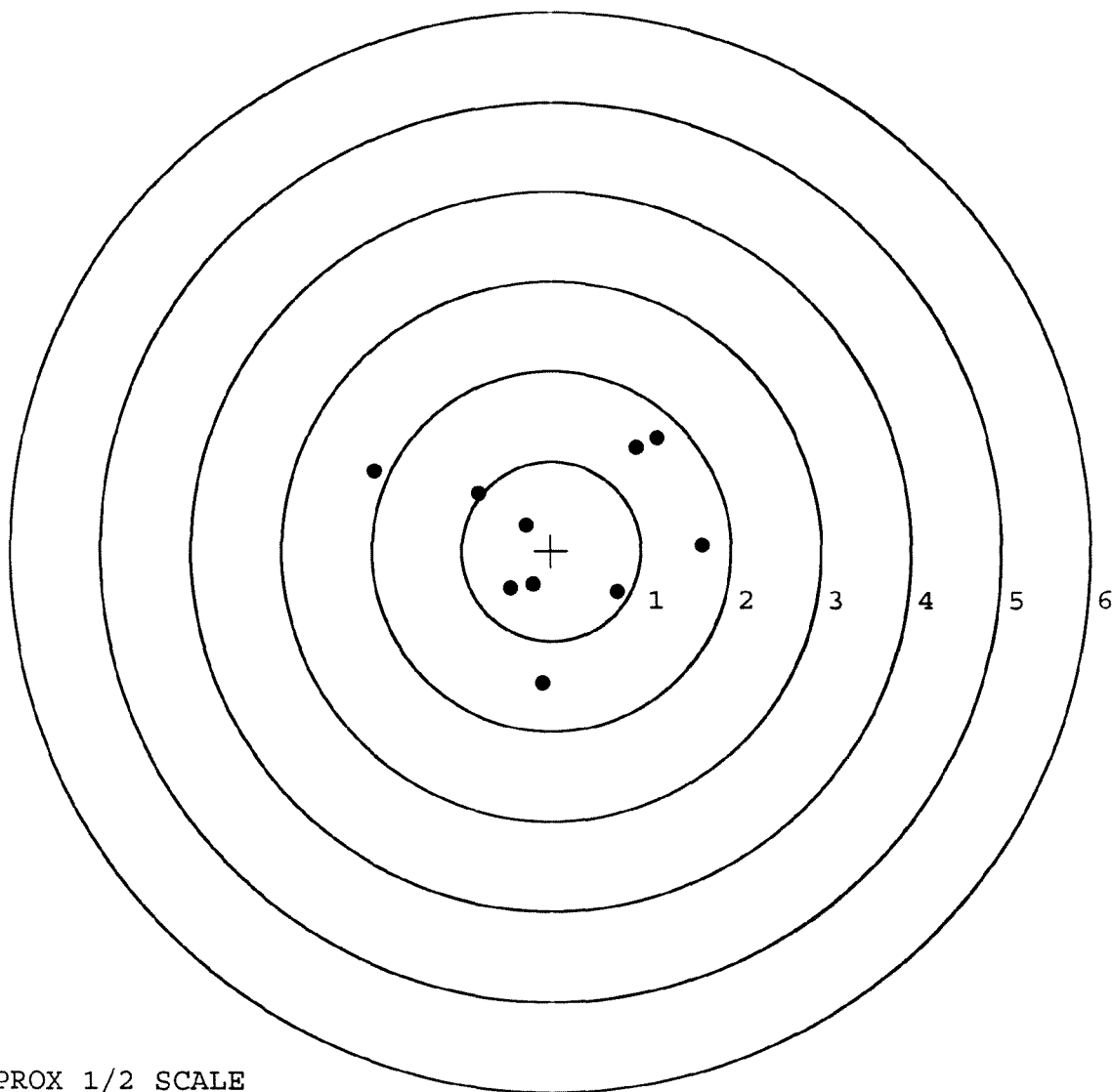
MAX RADIUS: 2.172

MEAN RADIUS: 1.201

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695385. __0

TARGET NUMBER: 2

FILE DATE: 01/18/2008

FILE TIME: 12:50

POINT#	X	Y
1:	0.981	-1.025
2:	0.825	-0.627
3:	0.191	-1.436
4:	0.306	-0.407
5:	0.104	-0.443
6:	-0.492	-0.071
7:	-0.631	0.113
8:	-0.345	0.223
9:	-0.198	0.732
10:	-0.014	0.899

X CENTROID: 0.073

Y CENTROID: -0.204

POA TO CENTROID: 0.217

HORZ SPREAD: 1.612

VERT SPREAD: 2.335

GROUP SPREAD: 2.344

MIN RADIUS: 0.241

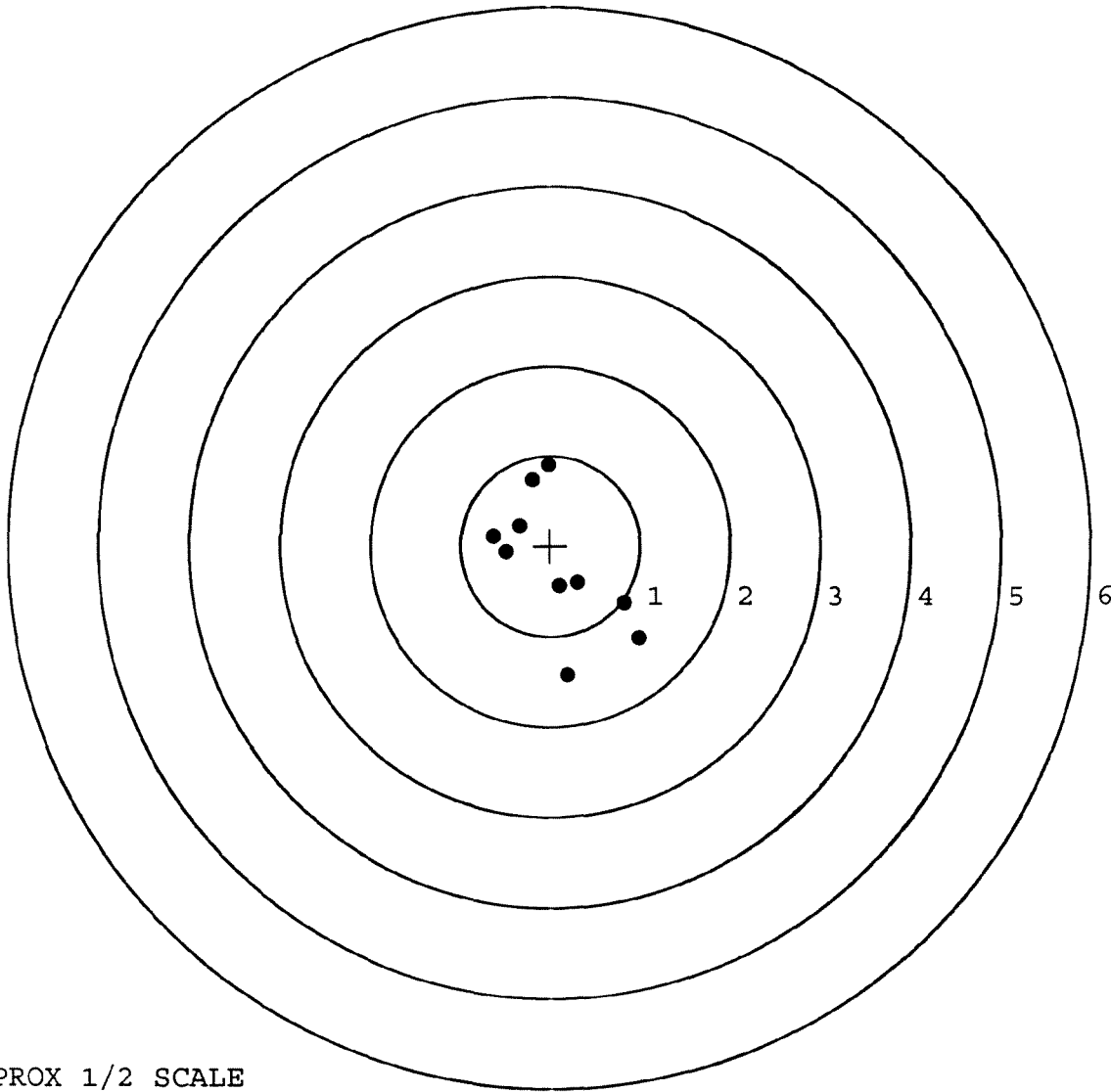
MAX RADIUS: 1.237

MEAN RADIUS: 0.791

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

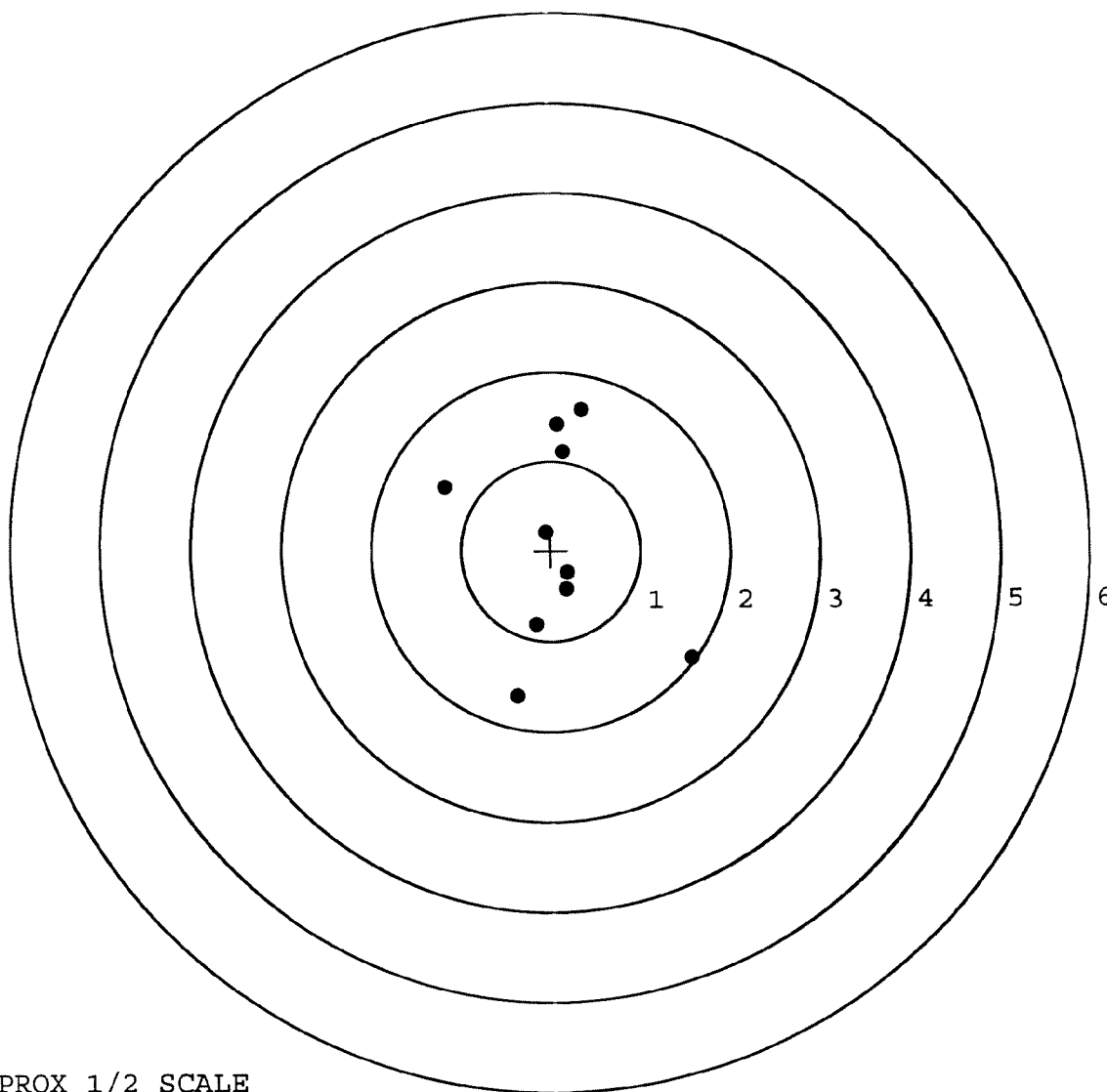


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695385. __0
TARGET NUMBER: 3
FILE DATE: 01/18/2008
FILE TIME: 12:50

POINT#	X	Y
1:	-0.383	-1.608
2:	-0.168	-0.826
3:	0.172	-0.438
4:	0.184	-0.249
5:	-0.057	0.203
6:	-1.179	0.716
7:	0.142	1.104
8:	0.080	1.407
9:	0.359	1.568
10:	1.561	-1.199

X CENTROID: 0.071
Y CENTROID: 0.068
POA TO CENTROID: 0.098
HORZ SPREAD: 2.740
VERT SPREAD: 3.176
GROUP SPREAD: 3.343
MIN RADIUS: 0.186
MAX RADIUS: 1.956
MEAN RADIUS: 1.097
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695385. 0

TARGET NUMBER: 4

FILE DATE: 01/18/2008

FILE TIME: 12:50

POINT#	X	Y
1:	1.091	-0.908
2:	0.231	-0.621
3:	-0.650	-0.341
4:	-0.442	0.638
5:	-0.268	1.389
6:	0.116	0.463
7:	0.036	-0.115
8:	-0.198	0.155
9:	-0.049	0.240
10:	-0.241	-1.845

X CENTROID: -0.037

Y CENTROID: -0.094

POA TO CENTROID: 0.102

HORZ SPREAD: 1.741

VERT SPREAD: 3.234

GROUP SPREAD: 3.234

MIN RADIUS: 0.076

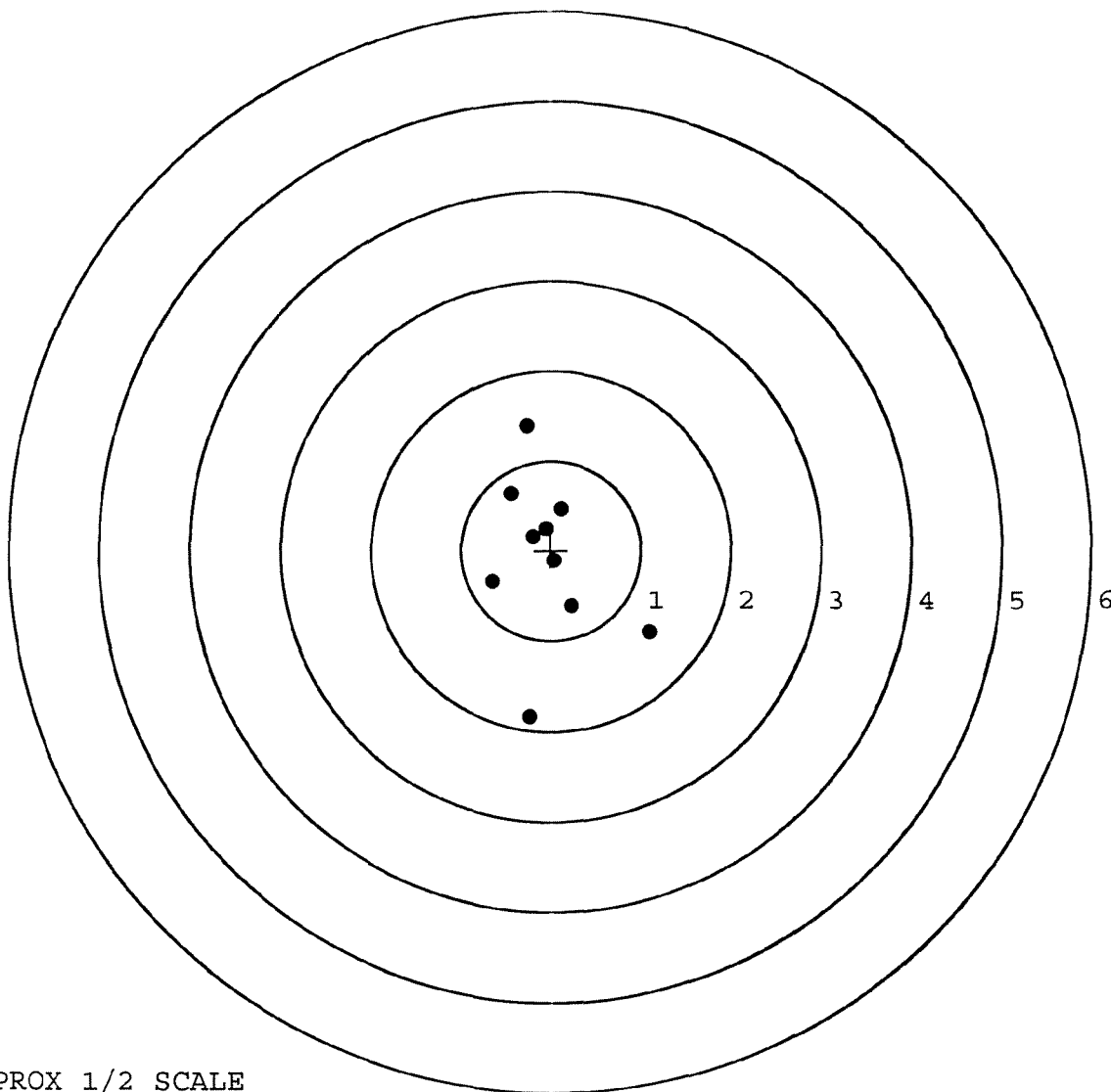
MAX RADIUS: 1.762

MEAN RADIUS: 0.803

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

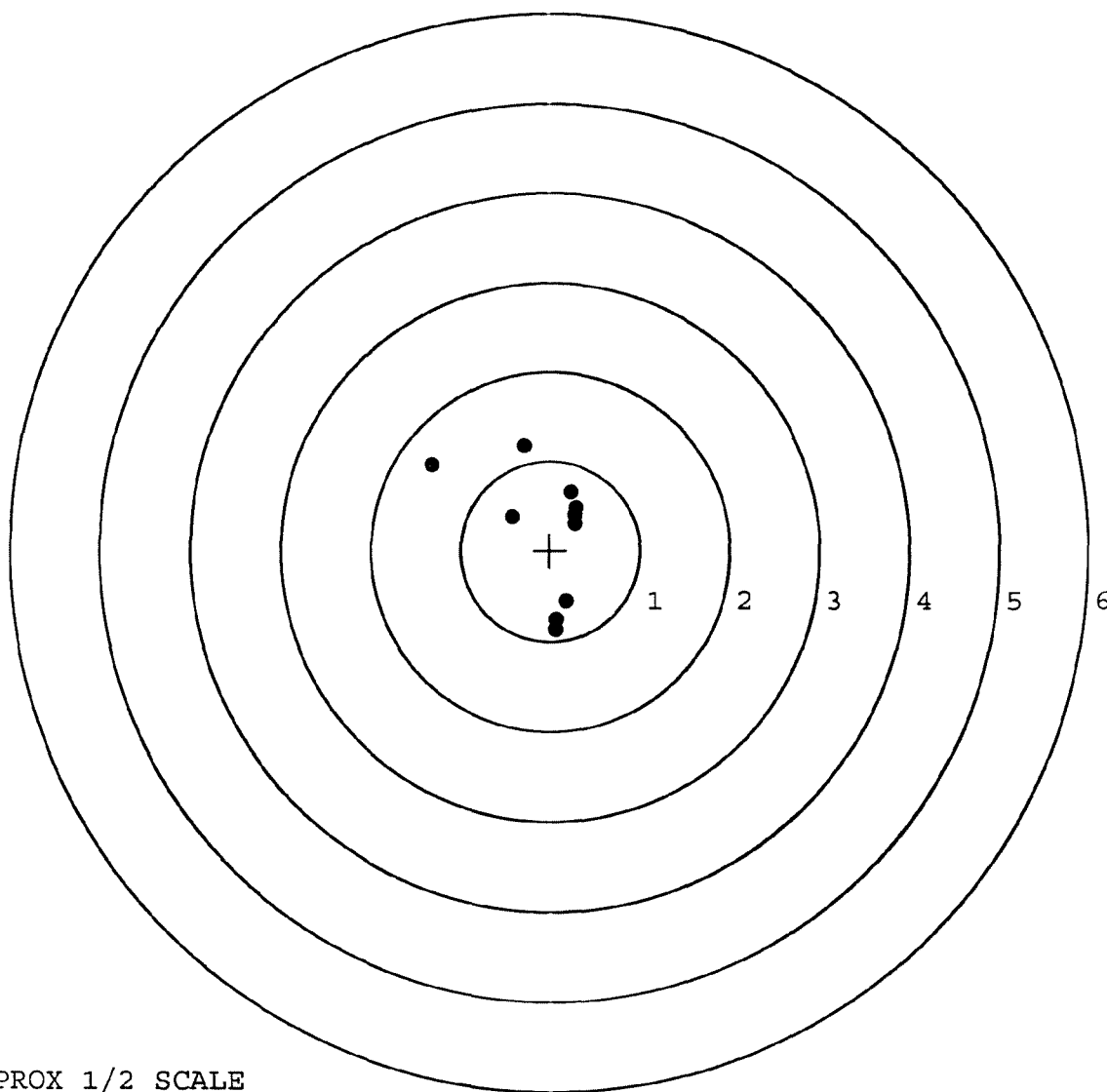


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695385. __0
TARGET NUMBER: 5
FILE DATE: 01/18/2008
FILE TIME: 12:50

X CENTROID: -0.063
Y CENTROID: 0.212
POA TO CENTROID: 0.221
HORZ SPREAD: 1.603
VERT SPREAD: 2.052
GROUP SPREAD: 2.292
MIN RADIUS: 0.353
MAX RADIUS: 1.455
MEAN RADIUS: 0.744
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.061	-0.879
2:	0.072	-0.760
3:	0.174	-0.564
4:	0.279	0.296
5:	0.277	0.395
6:	0.289	0.476
7:	0.236	0.648
8:	-0.423	0.376
9:	-0.285	1.173
10:	-1.314	0.955



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	<u>135889</u>			
SERIAL NUMBER	<u>G679 5385</u>			
LOG-IN DATE	<u>10-26-07</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-14-08	RTZ
505	RE-BARREL	1-14-08	RTZ
560	ASSEMBLE	1-14-08	RTZ
600	PROOF	1-15-08	TRW
605	CHECK HEADSPACE	1-15-08	TRW
610	DIS-ASSEMBLE GUN	1-15-08	RTZ
612	MAGNAFLUX	1-15-08	SSS
510	DRILL AND TAP	1-15-08	SSS
615	ROLLMARK CALIBER	1-15-08	LY
618	ROTO-BLAST	1-15-08	HP
620	APPLY COATINGS	1-18-08	RTZ
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	(PASS) FAIL	1-18-08 TRW
650	TARGET	(PASS) FAIL	1-18-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	1-18-08 FM
670	FINAL INSPECTION		1-21-08 DA
	A) HEADSPACE	(PASS) FAIL	1-21-08 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.33 2.30 2.33 2.33 2.37 1-21-08 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.0 1-21-08 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.75 2.50 1-21-08 DA
	I) FIRING PIN INDENT	.020	1-21-08 DA
690	PACK		1-22-08 DA