

G 6669 5385
Replaces
B 6829737

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: RE00135889

Serial: B6829737 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/26/2007 8:26:25 AM

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

start

4 Mi...

4 Int...

3 Mi...

My Do...

Arms ...

SAPL...

10:57 AM

~~G6695397~~~~B6829737~~

Model: M24 SWS



RE00135889

G 669 5385

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695397.___0
FILE DATE AND TIME: 01/18/2008 12:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.037
The Average Mean Radius of the Five Target Set:	0.672
The Distance from POA to Centroid Target #1:	0.378
The Distance from Centroid Target #2 to Centroid Target #1:	0.414
The Distance from Centroid Target #3 to Centroid Target #1:	0.380
The Distance from Centroid Target #4 to Centroid Target #1:	0.494
The Distance from Centroid Target #5 to Centroid Target #1:	0.499

SERIAL NUMBER: G6695397. __0

TARGET NUMBER: 1

FILE DATE: 01/18/2008

FILE TIME: 12:43

POINT#	X	Y
--------	---	---

1:	1.213	-0.290
----	-------	--------

2:	0.934	0.171
----	-------	-------

3:	0.748	0.682
----	-------	-------

4:	-0.024	-0.155
----	--------	--------

5:	-0.540	0.084
----	--------	-------

6:	-1.053	-0.273
----	--------	--------

7:	-0.647	-0.556
----	--------	--------

8:	-0.307	-0.537
----	--------	--------

9:	-1.281	-1.719
----	--------	--------

10:	-2.096	0.359
-----	--------	-------

X CENTROID: -0.305

Y CENTROID: -0.223

POA TO CENTROID: 0.378

HORZ SPREAD: 3.309

VERT SPREAD: 2.401

GROUP SPREAD: 3.372

MIN RADIUS: 0.289

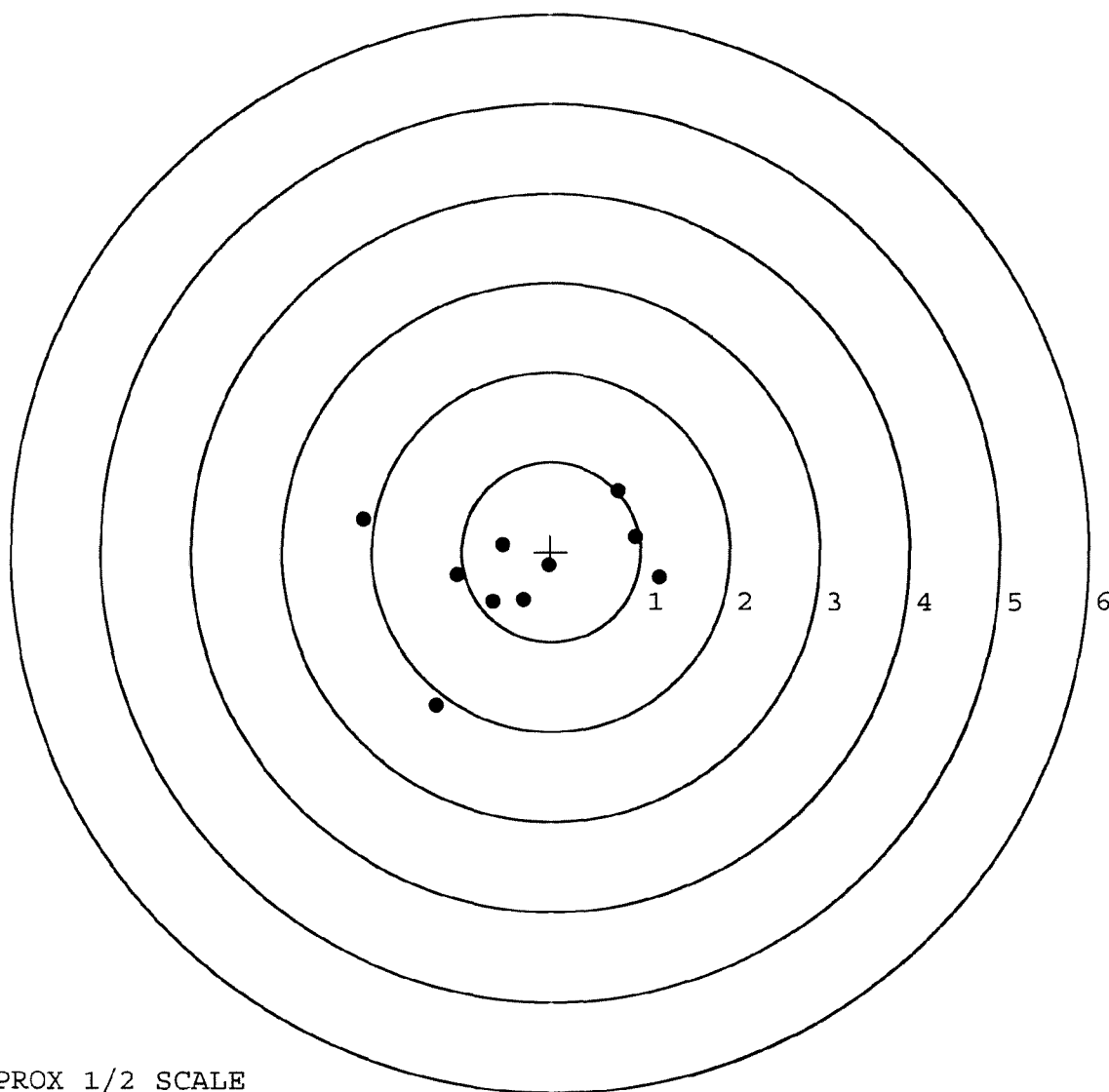
MAX RADIUS: 1.883

MEAN RADIUS: 1.009

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

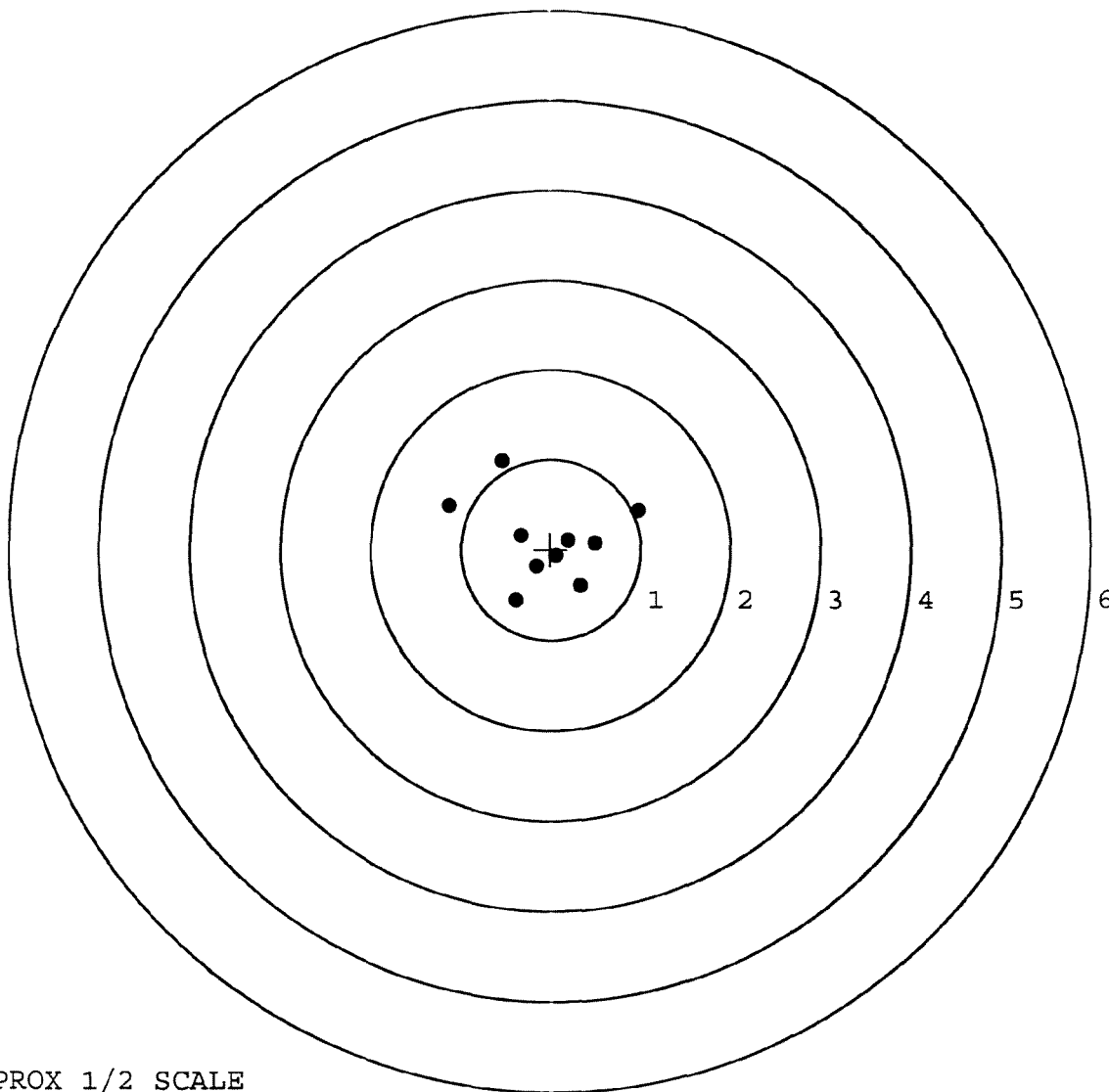


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695397. 0
TARGET NUMBER: 2
FILE DATE: 01/18/2008
FILE TIME: 12:43

POINT#	X	Y
1:	0.975	0.437
2:	-0.535	0.982
3:	-1.128	0.484
4:	-0.389	-0.563
5:	0.332	-0.395
6:	0.492	0.079
7:	0.193	0.102
8:	-0.336	0.156
9:	-0.162	-0.189
10:	0.064	-0.073

X CENTROID: -0.049
Y CENTROID: 0.102
POA TO CENTROID: 0.113
HORZ SPREAD: 2.103
VERT SPREAD: 1.545
GROUP SPREAD: 2.104
MIN RADIUS: 0.209
MAX RADIUS: 1.144
MEAN RADIUS: 0.620
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

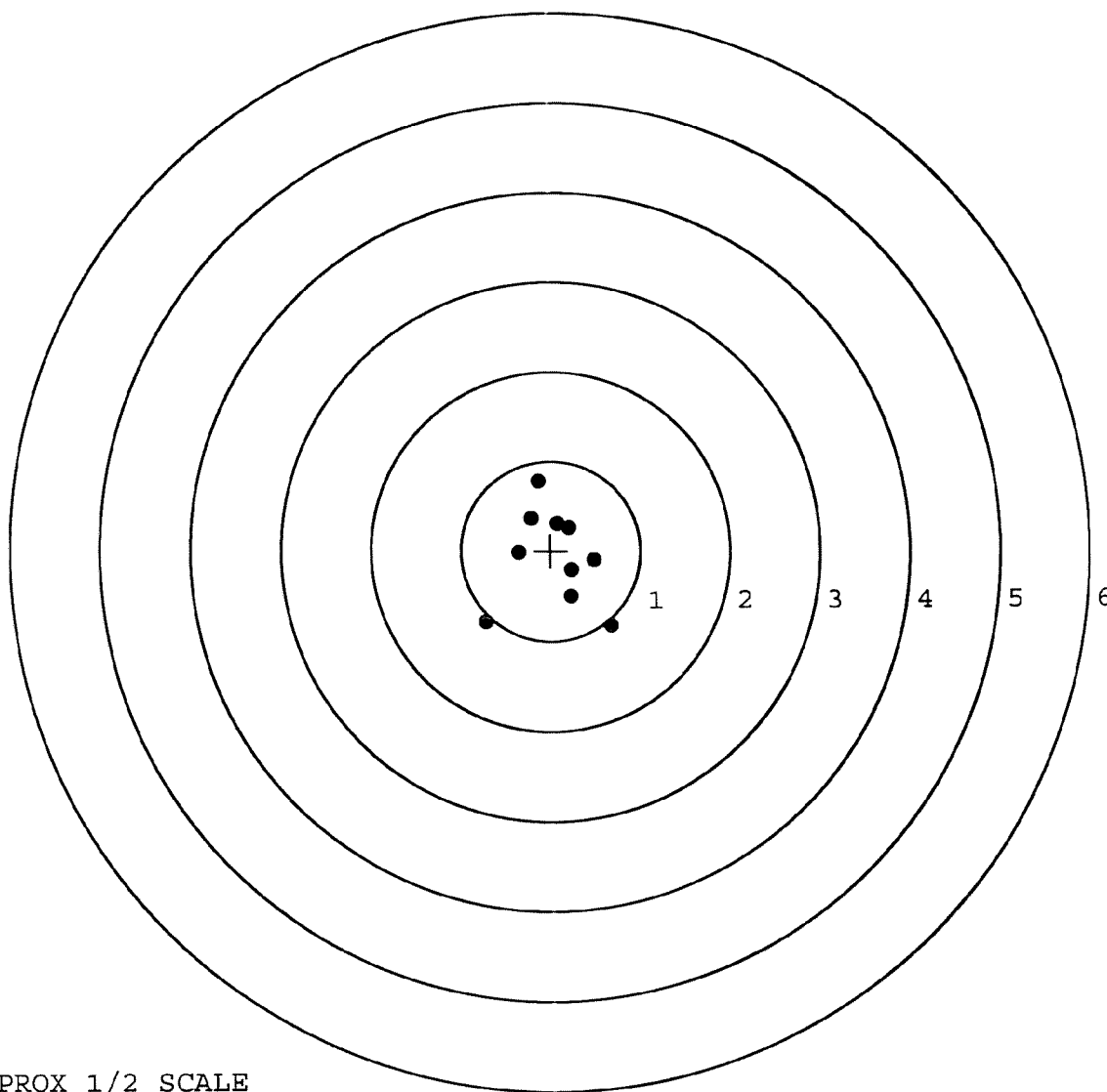


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695397.___0
TARGET NUMBER: 3
FILE DATE: 01/18/2008
FILE TIME: 12:43

POINT#	X	Y
1:	0.673	-0.836
2:	-0.727	-0.790
3:	0.226	-0.512
4:	0.228	-0.214
5:	0.485	-0.108
6:	0.203	0.254
7:	0.076	0.301
8:	-0.216	0.363
9:	-0.357	-0.025
10:	-0.134	0.778

X CENTROID: 0.046
Y CENTROID: -0.079
POA TO CENTROID: 0.091
HORZ SPREAD: 1.400
VERT SPREAD: 1.614
GROUP SPREAD: 1.676
MIN RADIUS: 0.227
MAX RADIUS: 1.050
MEAN RADIUS: 0.571
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

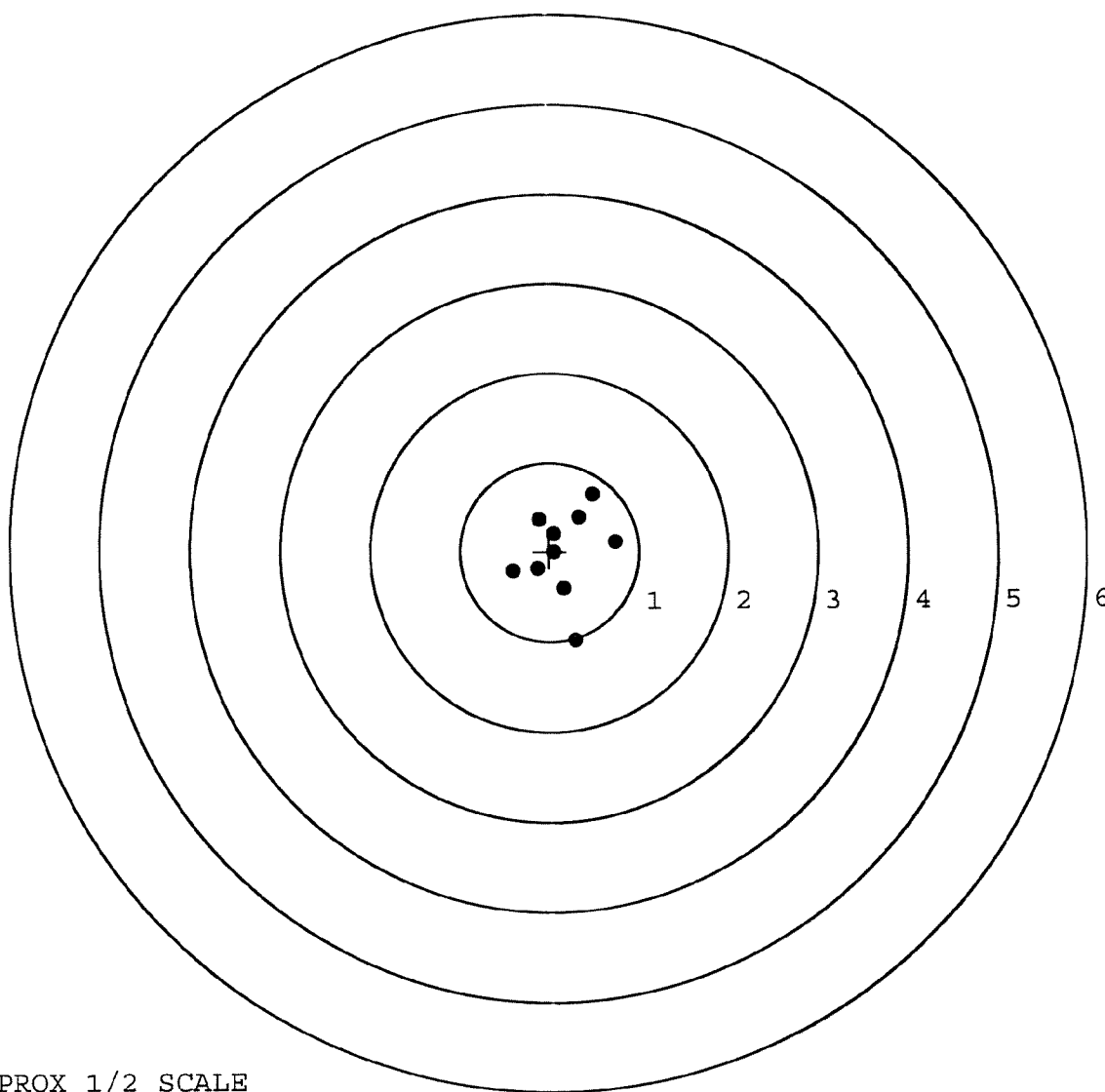


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695397. __0
TARGET NUMBER: 4
FILE DATE: 01/18/2008
FILE TIME: 12:43

POINT#	X	Y
1:	0.485	0.646
2:	0.734	0.108
3:	0.281	-0.989
4:	0.157	-0.419
5:	-0.409	-0.222
6:	0.047	-0.008
7:	-0.116	0.361
8:	0.047	0.201
9:	0.329	0.387
10:	-0.137	-0.198

X CENTROID: 0.142
Y CENTROID: -0.013
POA TO CENTROID: 0.142
HORZ SPREAD: 1.143
VERT SPREAD: 1.635
GROUP SPREAD: 1.648
MIN RADIUS: 0.095
MAX RADIUS: 0.986
MEAN RADIUS: 0.489
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

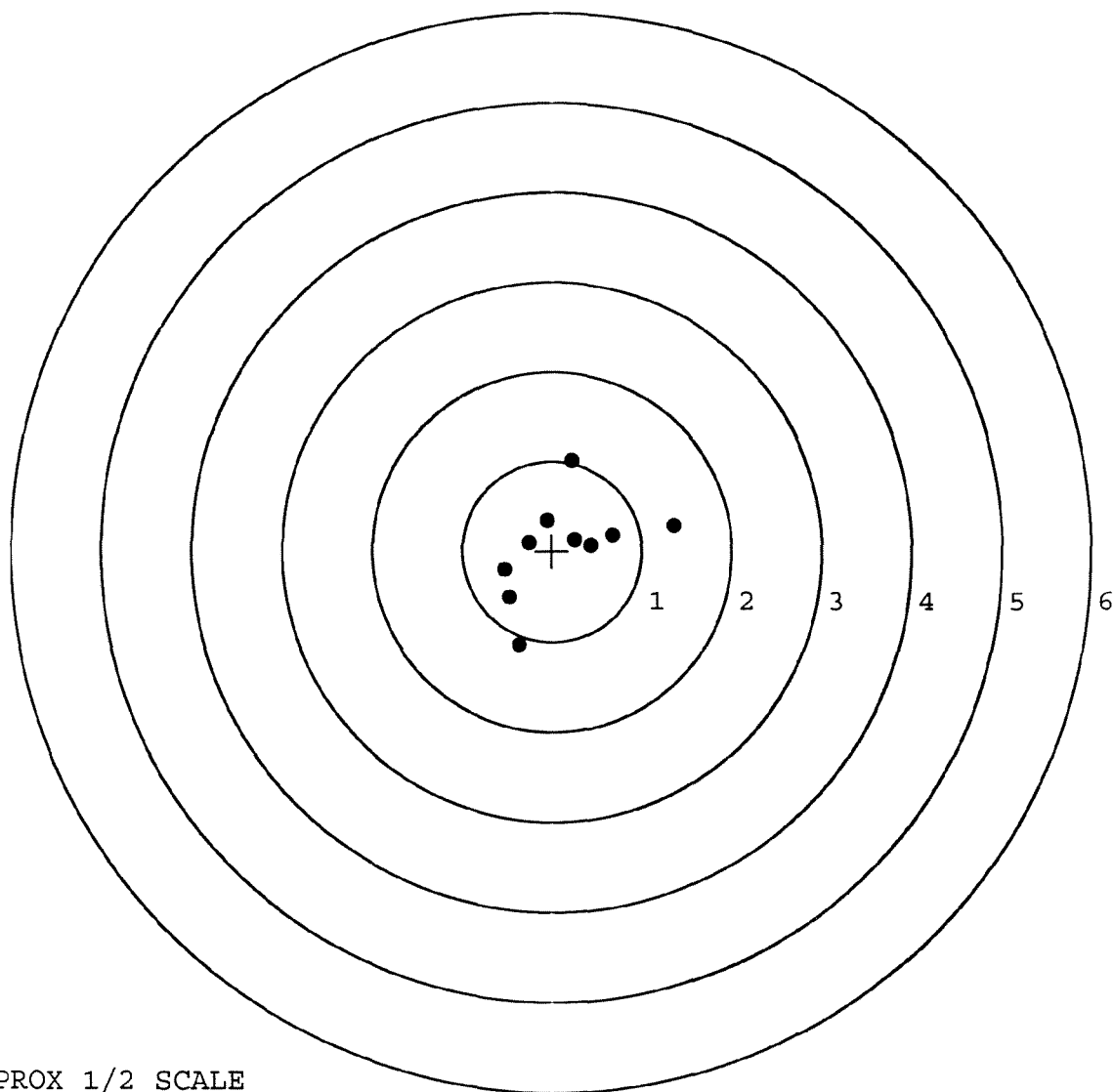


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695397. 0
TARGET NUMBER: 5
FILE DATE: 01/18/2008
FILE TIME: 12:43

POINT#	X	Y
1:	1.354	0.285
2:	0.226	1.004
3:	0.673	0.179
4:	0.435	0.065
5:	0.249	0.122
6:	-0.059	0.337
7:	-0.265	0.093
8:	-0.527	-0.208
9:	-0.480	-0.515
10:	-0.371	-1.043

X CENTROID: 0.124
Y CENTROID: 0.032
POA TO CENTROID: 0.128
HORZ SPREAD: 1.881
VERT SPREAD: 2.047
GROUP SPREAD: 2.177
MIN RADIUS: 0.154
MAX RADIUS: 1.256
MEAN RADIUS: 0.671
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 135891
SERIAL NUMBER G6995397
LOG-IN DATE 10-26-07

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	SM
510	DRILL AND TAP	1-15-08	W8
615	ROLLMARK CALIBER	1-15-08	Ly
618	ROTO-BLAST	1-15-08	HP
620	APPLY COATINGS	1-17-08	RTZ
625	FINAL ASSEMBLY	1-18-08	TRW
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		
	A) HEADSPACE	(PASS) FAIL	1-22-08 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	230 233 222 246 229 1-21-08 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	45 52 45 1-21-08 DA
	G) SAFETY OFF FORCE	2 LBS MIN	20 20 22 1-21-08 DA
	I) FIRING PIN INDENT	.020	.021 .021 .022 1-21-08 DA
690	PACK		1-22-08 DA