

C 670 2851

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: RE00135895

Serial: C6702851 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 10/19/1992

Repairman:

Verify Repair

Status:

Closed 10/26/2007 8:25:46 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
D000	NO STOCK	1

Repair Search

Refresh

Close

nagletj

10/29/2007

10:58 AM

C&PS

NUM

INS

SCRL



10:58 AM

Serial Number: C6702851

Model: M24 SWS



RE00135895

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6702851.__0

FILE DATE AND TIME: 12/11/2007 14:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

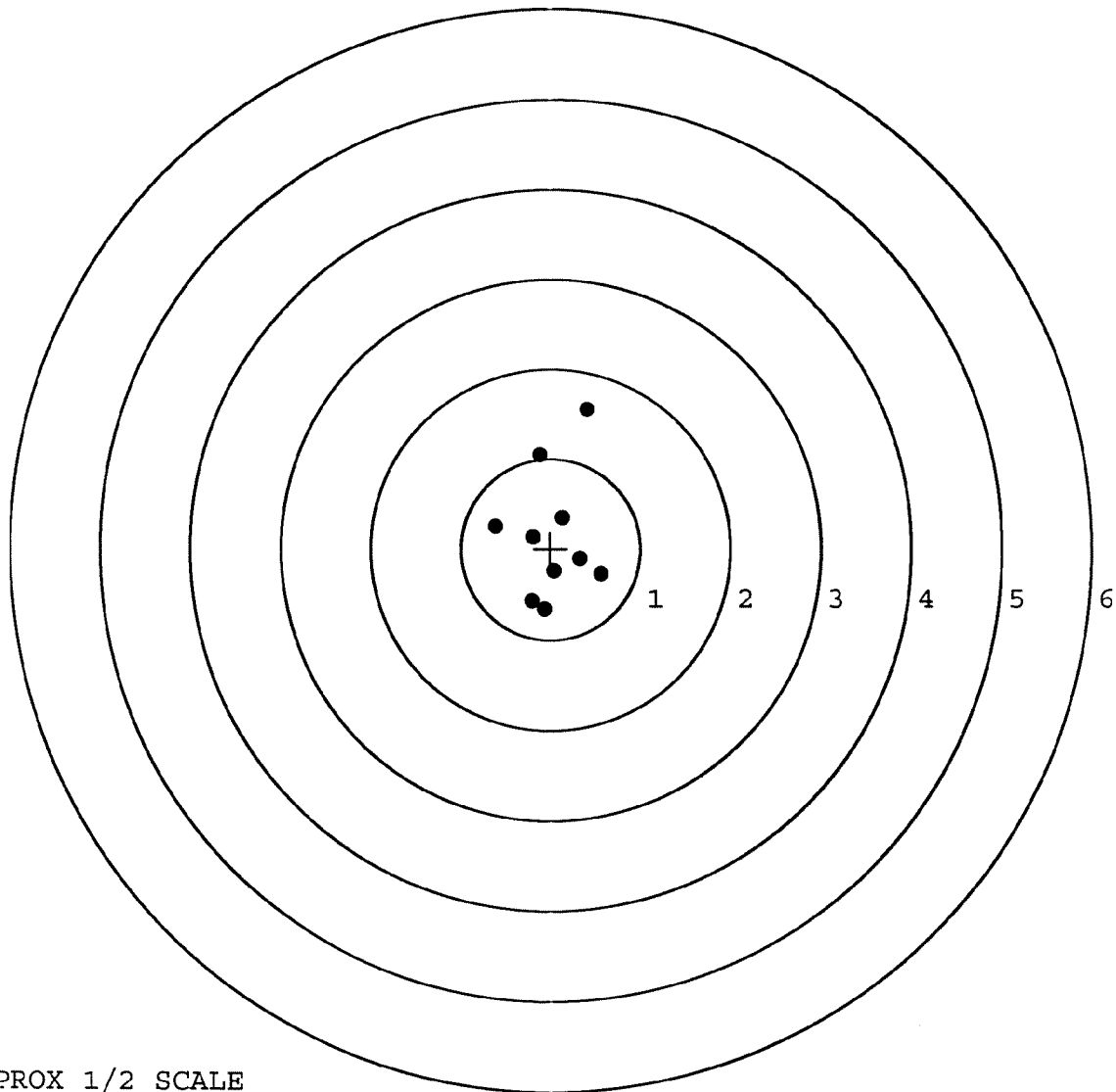
The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	0.069
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.664
The Distance from POA to Centroid Target #1:	0.146
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.030
The Distance from Centroid Target #4 to Centroid Target #1:	0.055
The Distance from Centroid Target #5 to Centroid Target #1:	0.210

BARBER - M24 0105336

SERIAL NUMBER: C6702851. __0
 TARGET NUMBER: 1
 FILE DATE: 12/11/2007
 FILE TIME: 14:13

POINT#	X	Y
1:	0.413	1.549
2:	-0.117	1.044
3:	-0.615	0.249
4:	-0.200	0.132
5:	0.139	0.345
6:	-0.070	-0.669
7:	-0.209	-0.578
8:	0.046	-0.248
9:	0.566	-0.280
10:	0.333	-0.116

X CENTROID: 0.029
 Y CENTROID: 0.143
 POA TO CENTROID: 0.146
 HORZ SPREAD: 1.181
 VERT SPREAD: 2.218
 GROUP SPREAD: 2.270
 MIN RADIUS: 0.229
 MAX RADIUS: 1.458
 MEAN RADIUS: 0.653
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

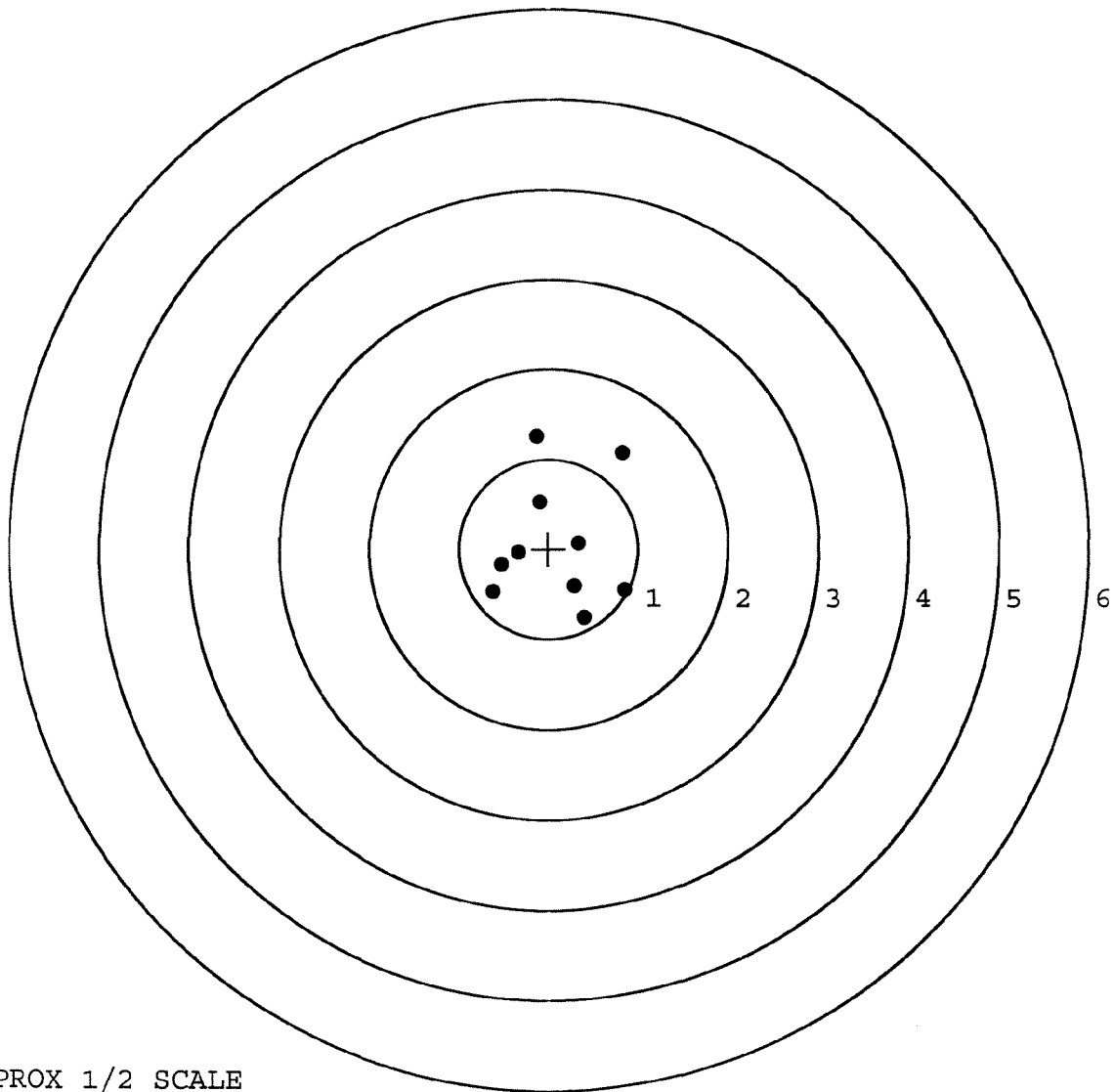


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6702851. __0
 TARGET NUMBER: 2
 FILE DATE: 12/11/2007
 FILE TIME: 14:13

POINT#	X	Y
1:	-0.136	1.249
2:	0.825	1.061
3:	-0.104	0.525
4:	0.334	0.062
5:	0.853	-0.466
6:	0.397	-0.771
7:	0.293	-0.418
8:	-0.622	-0.478
9:	-0.529	-0.178
10:	-0.336	-0.040

X CENTROID: 0.098
 Y CENTROID: 0.055
 POA TO CENTROID: 0.112
 HORZ SPREAD: 1.475
 VERT SPREAD: 2.020
 GROUP SPREAD: 2.112
 MIN RADIUS: 0.237
 MAX RADIUS: 1.242
 MEAN RADIUS: 0.752
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



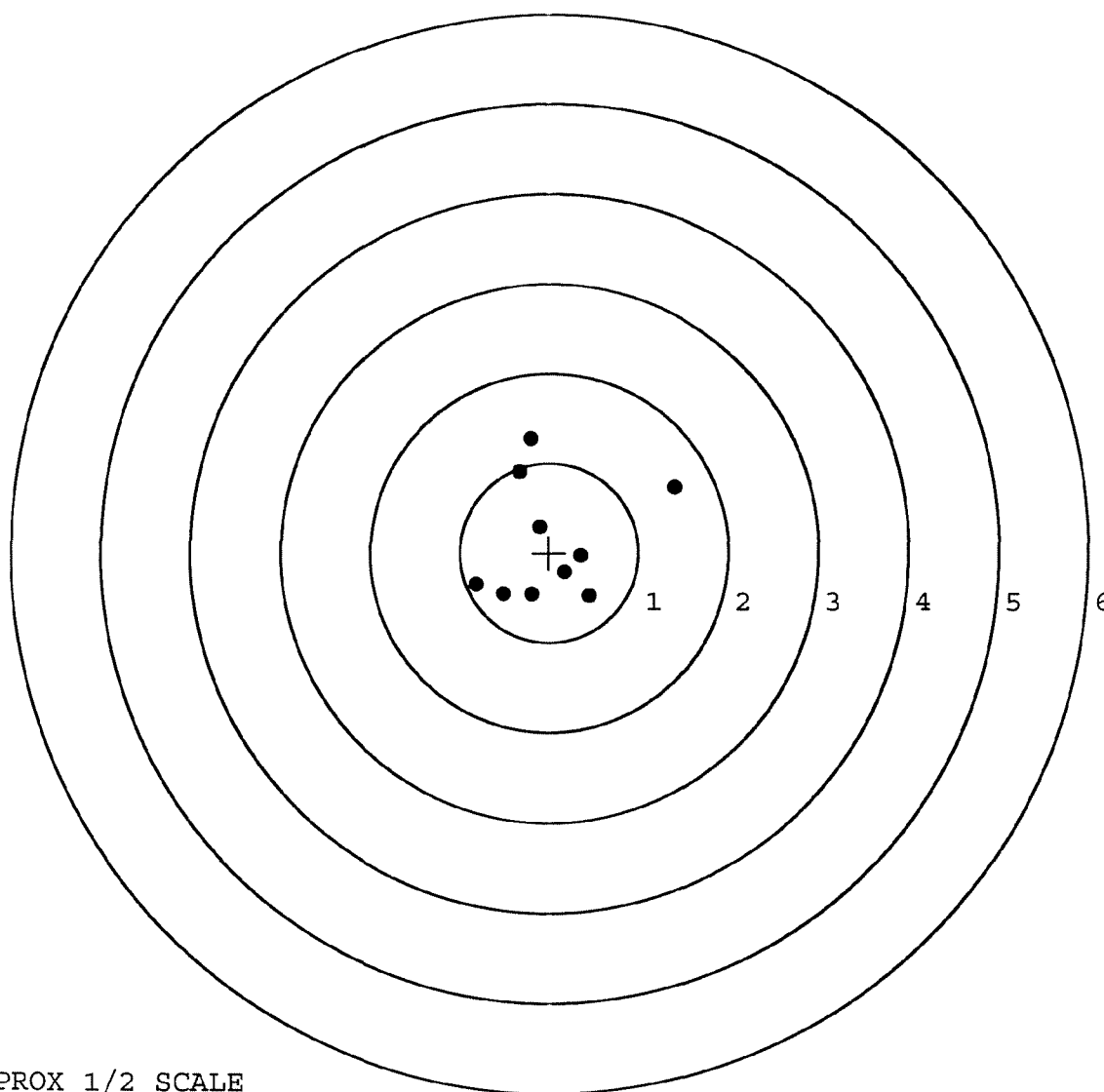
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6702851. __0
 TARGET NUMBER: 3
 FILE DATE: 12/11/2007
 FILE TIME: 14:13

POINT#	X	Y
1:	-0.826	-0.356
2:	-0.518	-0.466
3:	-0.198	-0.467
4:	0.447	-0.491
5:	0.175	-0.221
6:	0.360	-0.039
7:	-0.109	0.290
8:	-0.332	0.903
9:	-0.211	1.272
10:	1.396	0.726

X CENTROID: 0.018
 Y CENTROID: 0.115
 POA TO CENTROID: 0.117
 HORZ SPREAD: 2.222
 VERT SPREAD: 1.763
 GROUP SPREAD: 2.471
 MIN RADIUS: 0.216
 MAX RADIUS: 1.507
 MEAN RADIUS: 0.763

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6702851. 0

TARGET NUMBER: 4

FILE DATE: 12/11/2007

FILE TIME: 14:13

POINT#	X	Y
1:	-0.207	1.106
2:	-0.139	0.409
3:	-0.408	0.387
4:	0.520	0.272
5:	0.362	-0.539
6:	0.409	-0.297
7:	0.216	-0.063
8:	-0.162	0.044
9:	-0.033	-0.190
10:	-0.266	-0.252

X CENTROID: 0.029

Y CENTROID: 0.088

POA TO CENTROID: 0.092

HORZ SPREAD: 0.928

VERT SPREAD: 1.645

GROUP SPREAD: 1.741

MIN RADIUS: 0.196

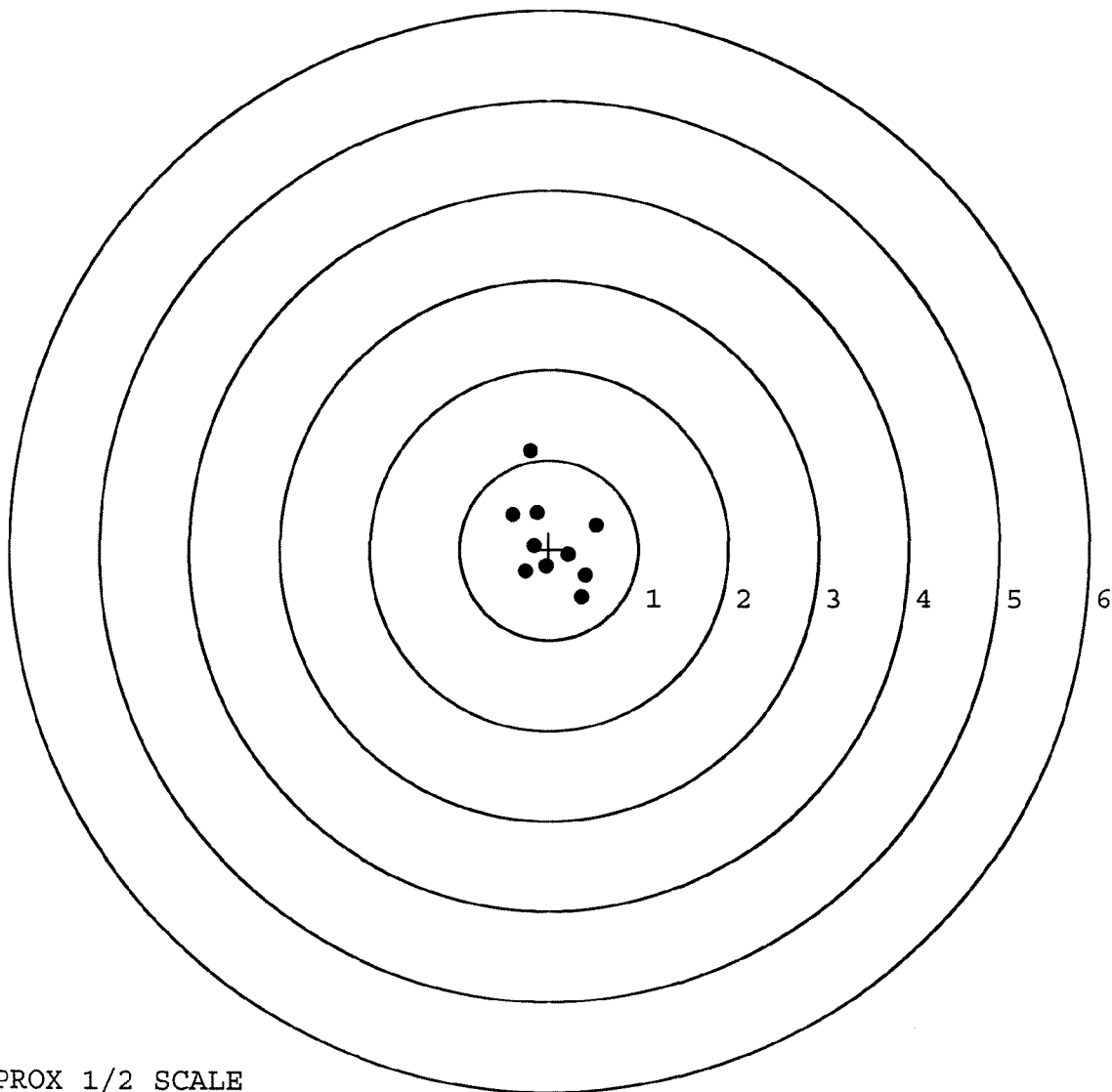
MAX RADIUS: 1.045

MEAN RADIUS: 0.488

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0105340

SERIAL NUMBER: C6702851. __0

TARGET NUMBER: 5

FILE DATE: 12/11/2007

FILE TIME: 14:13

POINT#	X	Y
1:	-1.034	0.318
2:	0.150	0.778
3:	-0.055	0.344
4:	0.308	0.208
5:	0.749	0.060
6:	-0.349	0.079
7:	-0.208	-0.175
8:	0.112	-0.510
9:	0.587	-0.460
10:	0.689	-1.211

X CENTROID: 0.095

Y CENTROID: -0.057

POA TO CENTROID: 0.111

HORZ SPREAD: 1.783

VERT SPREAD: 1.989

GROUP SPREAD: 2.304

MIN RADIUS: 0.325

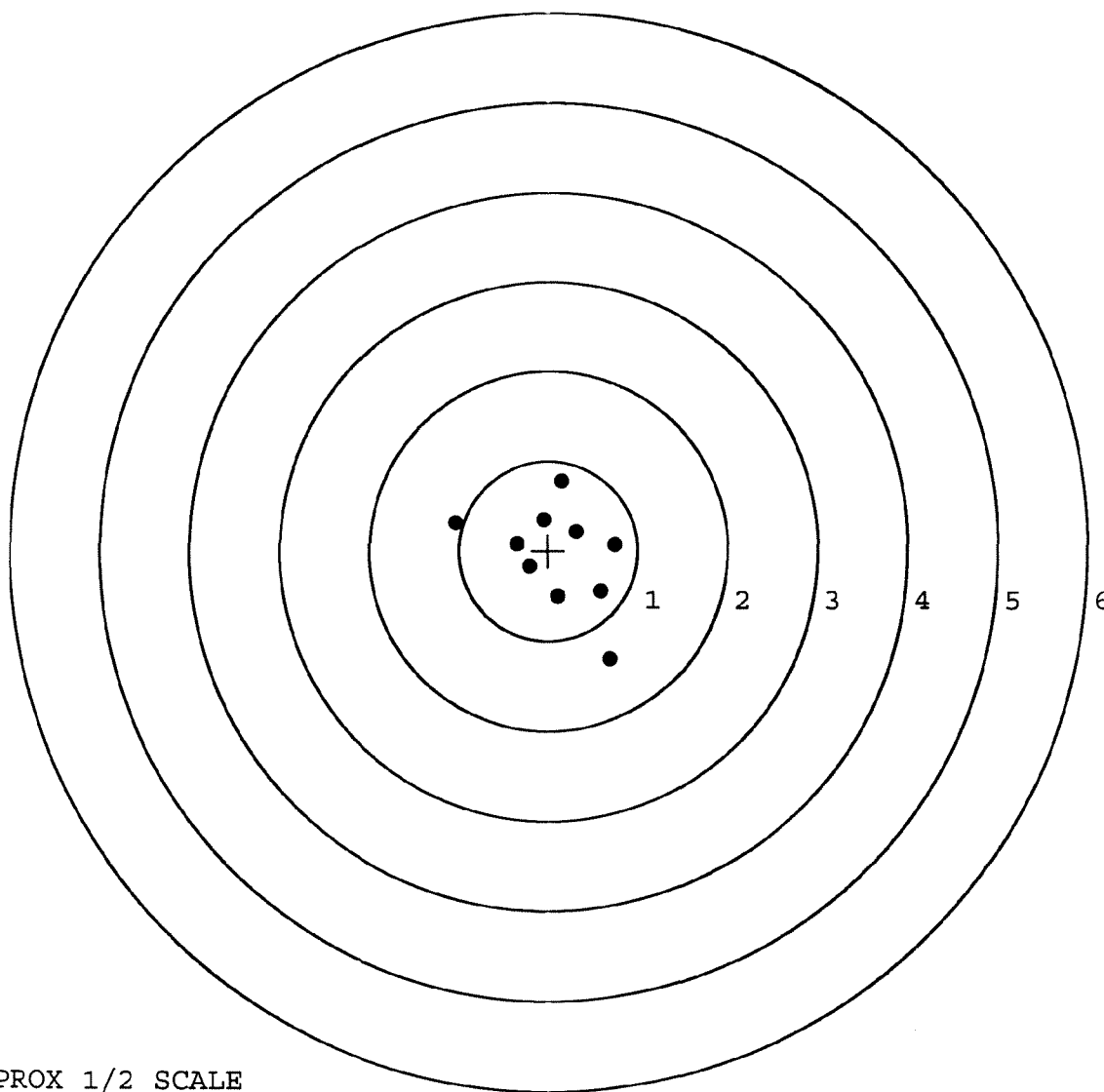
MAX RADIUS: 1.298

MEAN RADIUS: 0.664

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	135895			
SERIAL NUMBER	C6702851			
LOG-IN DATE	10-26-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-14-07	SPD
505	RE-BARREL		11-27-07	SPD
560	ASSEMBLE		11-27-07	SPD
600	PROOF	MAGNA - FLUX	11-27-07	TRW
605	CHECK HEADSPACE		11-27-07	TRW
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX	OPERATOR JS	12-04-07	JS
510	DRILL AND TAP		12-3-07	TRW
615	ROLLMARK CALIBER		12-3-07	CW
618	ROTO-BLAST		12-5-07	YU
620	APPLY COATINGS		12-8-07	CW
625	FINAL ASSEMBLY		12-10-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	12-12-07	TRW
650	TARGET	PASS FAIL	12-11-07	TRW
	MALFUNCTION <i>shell catches right side of receiver</i>	CORRECTION OK	12-12-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	12-11-07	Fm
670	FINAL INSPECTION		12-13-07	DA
	A) HEADSPACE	PASS FAIL	12-13-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.85 2.87 2.89 2.89 2.92 12-13-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.0 4.0 4.0 12-13-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 3.0 3.0 12-13-07	DA
	I) FIRING PIN INDENT	.020	.004 1.023 1.023 12-13-07	DA
690	PACK		1-22-08	DA