

G6296871
Replace
E6413451

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: **RE00113009** Serial: G6296871 Model M24 SWS Center Fire
 Verify Repair: ☐ Caliber: 7.62 NATO Repairman:
 Status: Closed 5/31/2006 10:21:30 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** **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

Condition: **Fair**

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**

naglel 5/31/2006 10:29 AM CAPS NUM INS SCRI

start 2 Micros... 2 Micros... 3 Intern... Arms Ser... Part Sear... 10:29 AM

Serial Number: **G6296871**

Model: **M24 SWS**



RE00113009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296871.__1
FILE DATE AND TIME: 07/05/2006 08:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	0.058
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.644
The Distance from POA to Centroid Target #1:	0.147
The Distance from Centroid Target #2 to Centroid Target #1:	0.263
The Distance from Centroid Target #3 to Centroid Target #1:	0.214
The Distance from Centroid Target #4 to Centroid Target #1:	0.186
The Distance from Centroid Target #5 to Centroid Target #1:	0.129

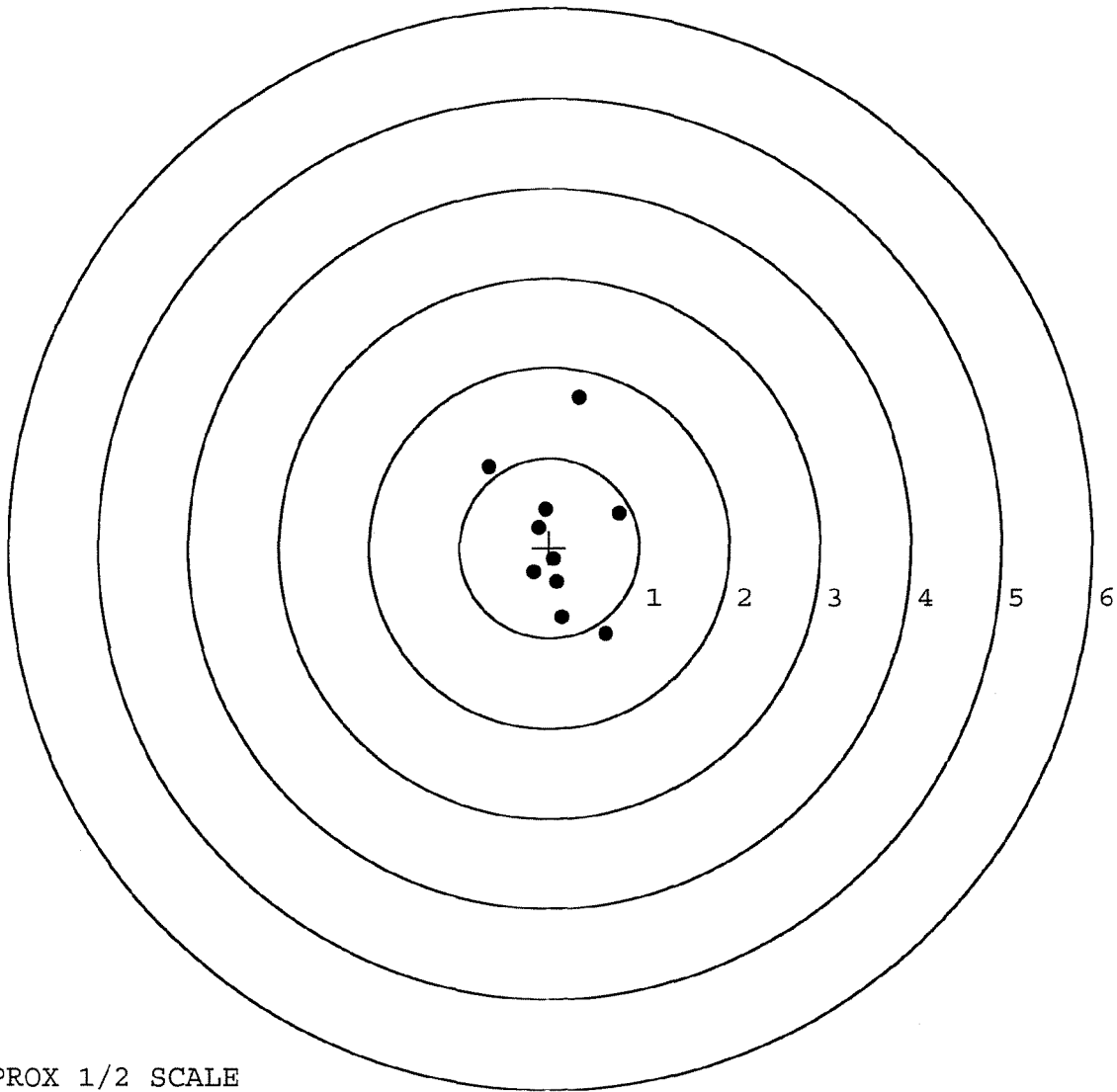
SERIAL NUMBER: G6296871. __ 1

TARGET NUMBER: 1

FILE DATE: 07/05/2006

FILE TIME: 08:24

	POINT#	X	Y
	1:	0.629	-0.960
	2:	0.146	-0.778
	3:	0.780	0.387
	4:	0.325	1.671
X CENTROID:	5:	-0.679	0.904
Y CENTROID:	6:	-0.120	0.224
POA TO CENTROID:	7:	-0.052	0.430
HORZ SPREAD:	8:	0.049	-0.133
VERT SPREAD:	9:	0.085	-0.382
GROUP SPREAD:	10:	-0.177	-0.277
MIN RADIUS:		0.247	
MAX RADIUS:		1.579	
MEAN RADIUS:		0.732	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		7	
# in 3 IN DIAMETER:		9	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. __1

TARGET NUMBER: 2

FILE DATE: 07/05/2006

FILE TIME: 08:24

POINT#	X	Y
1:	1.633	-0.566
2:	0.733	-0.367
3:	0.849	0.497
4:	0.596	1.235
5:	0.333	1.148
6:	0.208	0.406
7:	-0.294	0.364
8:	0.087	-0.273
9:	-0.087	-0.696
10:	-0.507	-1.246

X CENTROID: 0.355

Y CENTROID: 0.050

POA TO CENTROID: 0.359

HORZ SPREAD: 2.140

VERT SPREAD: 2.481

GROUP SPREAD: 2.715

MIN RADIUS: 0.385

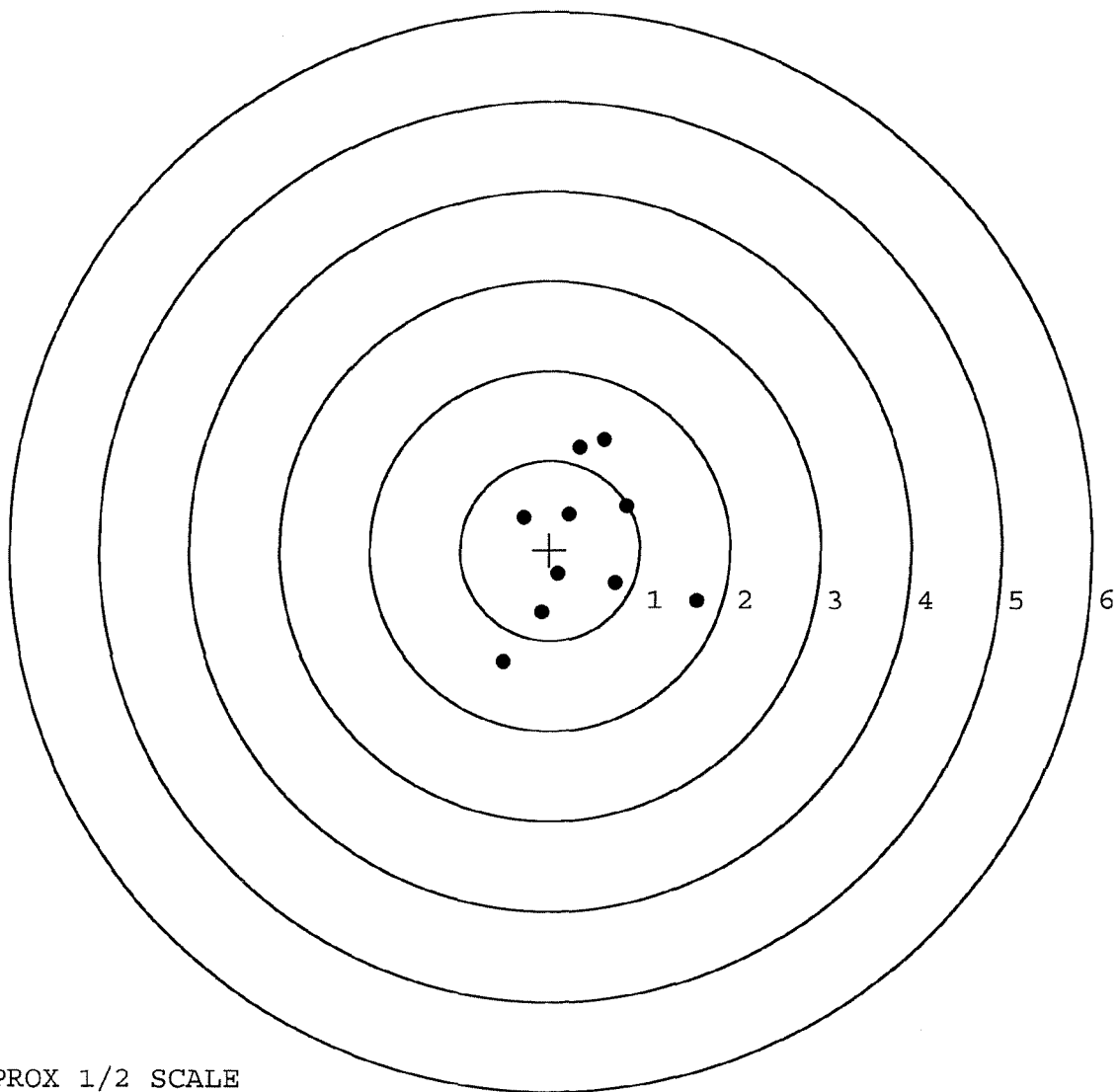
MAX RADIUS: 1.557

MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

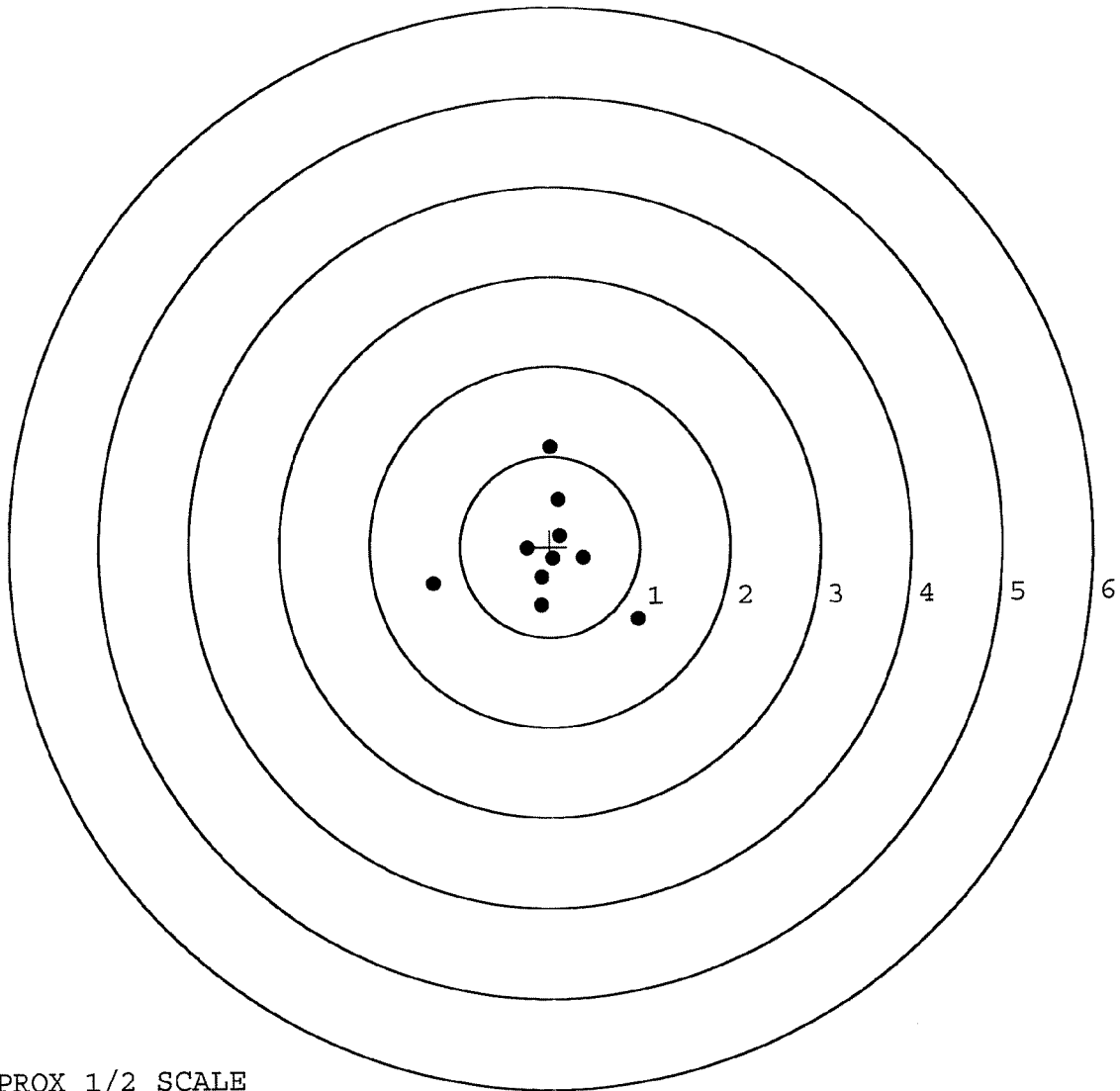


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. __1
 TARGET NUMBER: 3
 FILE DATE: 07/05/2006
 FILE TIME: 08:24

X CENTROID: -0.016
 Y CENTROID: -0.072
 POA TO CENTROID: 0.074
 HORZ SPREAD: 2.277
 VERT SPREAD: 1.914
 GROUP SPREAD: 2.313
 MIN RADIUS: 0.074
 MAX RADIUS: 1.324
 MEAN RADIUS: 0.616
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.979	-0.808
2:	-0.101	-0.650
3:	-0.099	-0.342
4:	-1.298	-0.403
5:	-0.258	-0.017
6:	0.096	0.524
7:	0.008	1.106
8:	0.370	-0.125
9:	0.110	0.126
10:	0.031	-0.129



TARGET APPROX 1/2 SCALE

BARBER - M24 0160340

SERIAL NUMBER: G6296871. __1

TARGET NUMBER: 4

FILE DATE: 07/05/2006

FILE TIME: 08:24

POINT#	X	Y
1:	0.716	0.152
2:	0.586	0.080
3:	0.429	-0.060
4:	-0.163	-0.571
5:	-0.133	-0.325
6:	-0.431	-0.233
7:	-0.069	0.220
8:	-0.426	0.214
9:	-0.918	0.672
10:	-0.191	-0.036

X CENTROID: -0.060

Y CENTROID: 0.011

POA TO CENTROID: 0.061

HORZ SPREAD: 1.634

VERT SPREAD: 1.243

GROUP SPREAD: 1.715

MIN RADIUS: 0.139

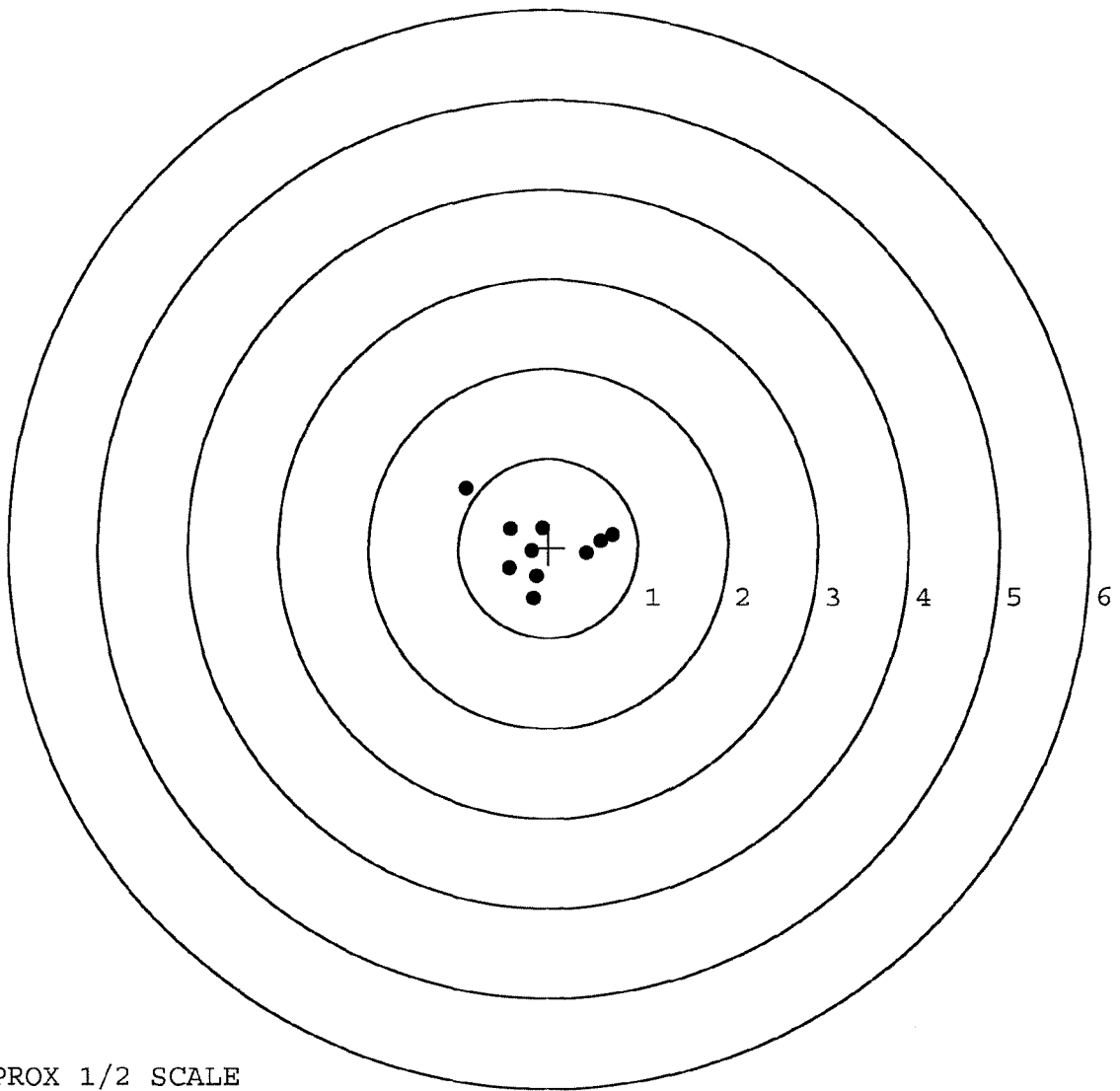
MAX RADIUS: 1.083

MEAN RADIUS: 0.516

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. __1

TARGET NUMBER: 5

FILE DATE: 07/05/2006

FILE TIME: 08:24

POINT#	X	Y
1:	0.792	1.013
2:	-0.970	0.227
3:	0.338	0.370
4:	0.327	0.200
5:	-0.239	0.322
6:	-0.349	-0.004
7:	0.095	0.102
8:	0.173	-0.255
9:	-0.016	-0.135
10:	-0.159	0.068

X CENTROID: -0.001

Y CENTROID: 0.191

POA TO CENTROID: 0.191

HORZ SPREAD: 1.762

VERT SPREAD: 1.268

GROUP SPREAD: 1.929

MIN RADIUS: 0.131

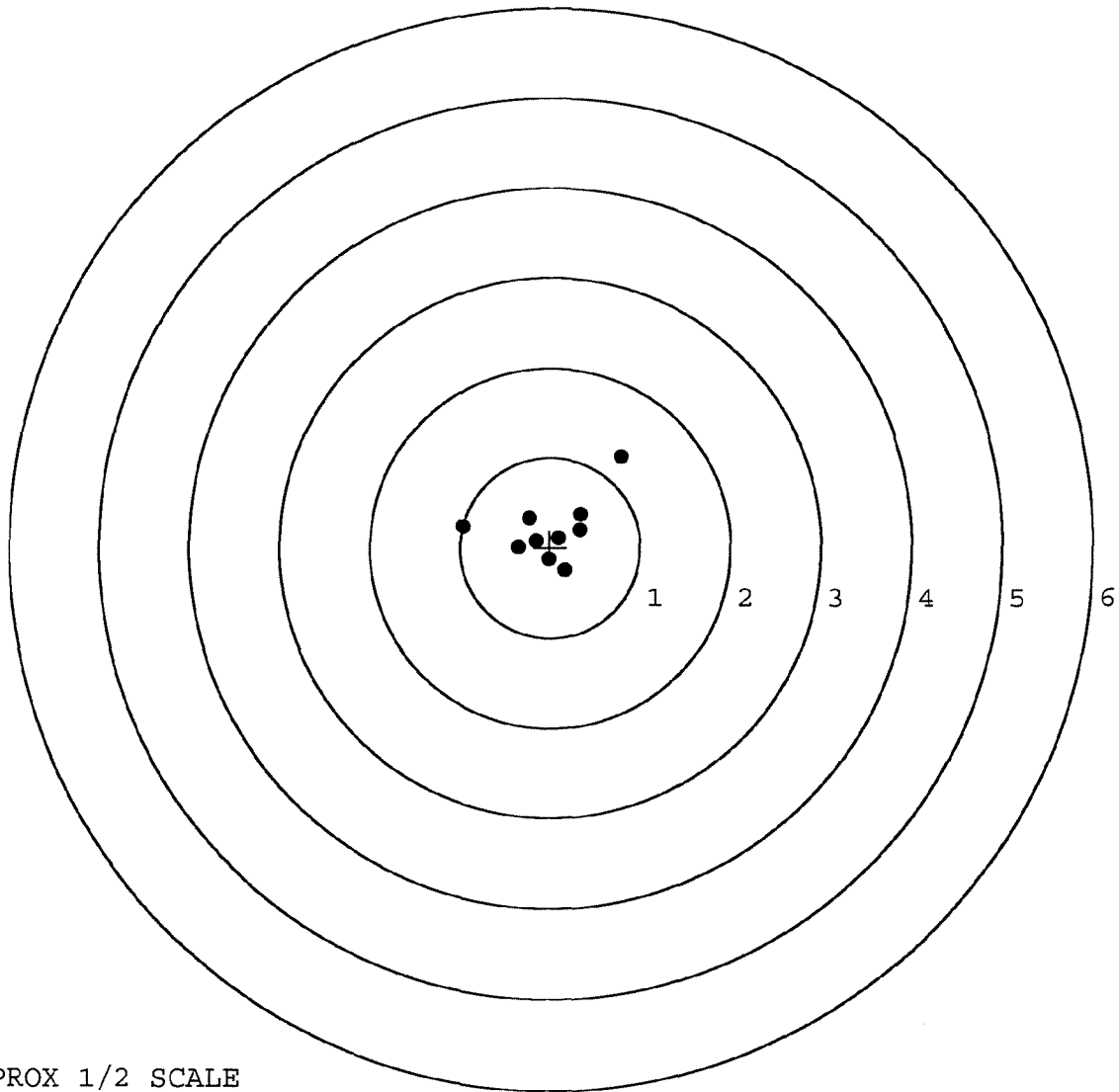
MAX RADIUS: 1.142

MEAN RADIUS: 0.463

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113009		
SERIAL NUMBER	G 629 6871		
LOG-IN DATE	5-30-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-06	RJL
505	RE-BARREL	6-20-06	RJL
420	ASSEMBLE	6-20-06	RJL
440	PROOF	MAGNA - FLUX INSPECTED 6-20-06	TRW
460	CHECK HEADSPACE	6-20-06	TRW
470	DIS-ASSEMBLE GUN	JUN 23 2006 6-21-06	RJL
480	MAGNAFLUX	OPERATOR <u>CW</u> 6-23-06	CW
510	DRILL AND TAP	6-22-06	TRW
500	ROLLMARK CALIBER	6-22-06	CW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6-28-06	TRW
560	FINAL ASSEMBLY	6-29-06	RJL
640	FUNCTION TEST AND	PASS FAIL 7-5-06	TRW
650	TARGET	PASS FAIL 7-5-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-5-06	R.P.
	A) HEADSPACE	PASS FAIL 7-7-06 7-7-06	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 6 lbs 6 lbs 6 lbs	AC
	G) SAFETY OFF FORCE	2 LBS 2 lbs 2 lbs 2 lbs	AC
	I) FIRING PIN INDENT	.020 .022 .022 .022	AC
690	PACK	8-4-06	DA

F006 REV 5/2006

BARREL ASSEMBLY BARREL RECEIVER FRONT SIGHT BASE REAR SIGHT BASE SCREWS FINISH		STOCK ASSEMBLY STOCK SLING SWIVEL STUDS BUTT PATE LOCK NUTS BARREL CLEARANCE COLOR / FINISH	
SCOPE ASSEMBLY SCOPE SCOPE RINGS MOUNTING SCREWS MOUNTING BASE SCREWS FINISH CLARITY		SYSTEM CASE SCOPE CASE IRON SIGHTS DEPLOYMENT KIT TRIGGER ASSEMBLY SAFETY OPERATION RE-SET TO FACTORY SPECS	
COMMENTS:			

F006 REV 5/2006

Arms Services Repair & Estimate System
BARBER - M24 0160344

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00070752** Serial: E6413451 Model 700 Center Fire Caliber: 7
 Verify Repair 62 NATO M/24 SWS Repairman: Status: Closed 9/30/2003 7:46:51 AM

Address Information

Customer: Received From Return To: Received From
 Name: C CO SPT BN C CO SPT BN
 Address 1: SWC SWC
 Address 2: PO Box 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: Fax: Email: Comments:

Received Condition
 Good
 Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
C000	FRT AND REAR BASI	1

Repair Search Refresh Close

naglej 9/30/2003 8:42 AM CAPS NUM INS SCPL
 start 3 Micro 4 Micro My Exe Search Arms Ser Part Ser 8:42 AM

Serial Number: **E6413451** 06296871
 Model: **700**

RE00070752

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296871.___0
FILE DATE AND TIME: 10/29/2003 18:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.042
The Average Y Centroid of the Five Target Set:	-0.017
The Average Point of Impact of the Five Target Set:	0.045
The Average Mean Radius of the Five Target Set:	0.711
The Distance from POA to Centroid Target #1:	0.100
The Distance from Centroid Target #2 to Centroid Target #1:	0.105
The Distance from Centroid Target #3 to Centroid Target #1:	0.199
The Distance from Centroid Target #4 to Centroid Target #1:	0.084
The Distance from Centroid Target #5 to Centroid Target #1:	0.161

SERIAL NUMBER: G6296871. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 18:50

X CENTROID: -0.030

Y CENTROID: -0.095

POA TO CENTROID: 0.100

HORZ SPREAD: 1.209

VERT SPREAD: 2.164

GROUP SPREAD: 2.264

MIN RADIUS: 0.212

MAX RADIUS: 1.175

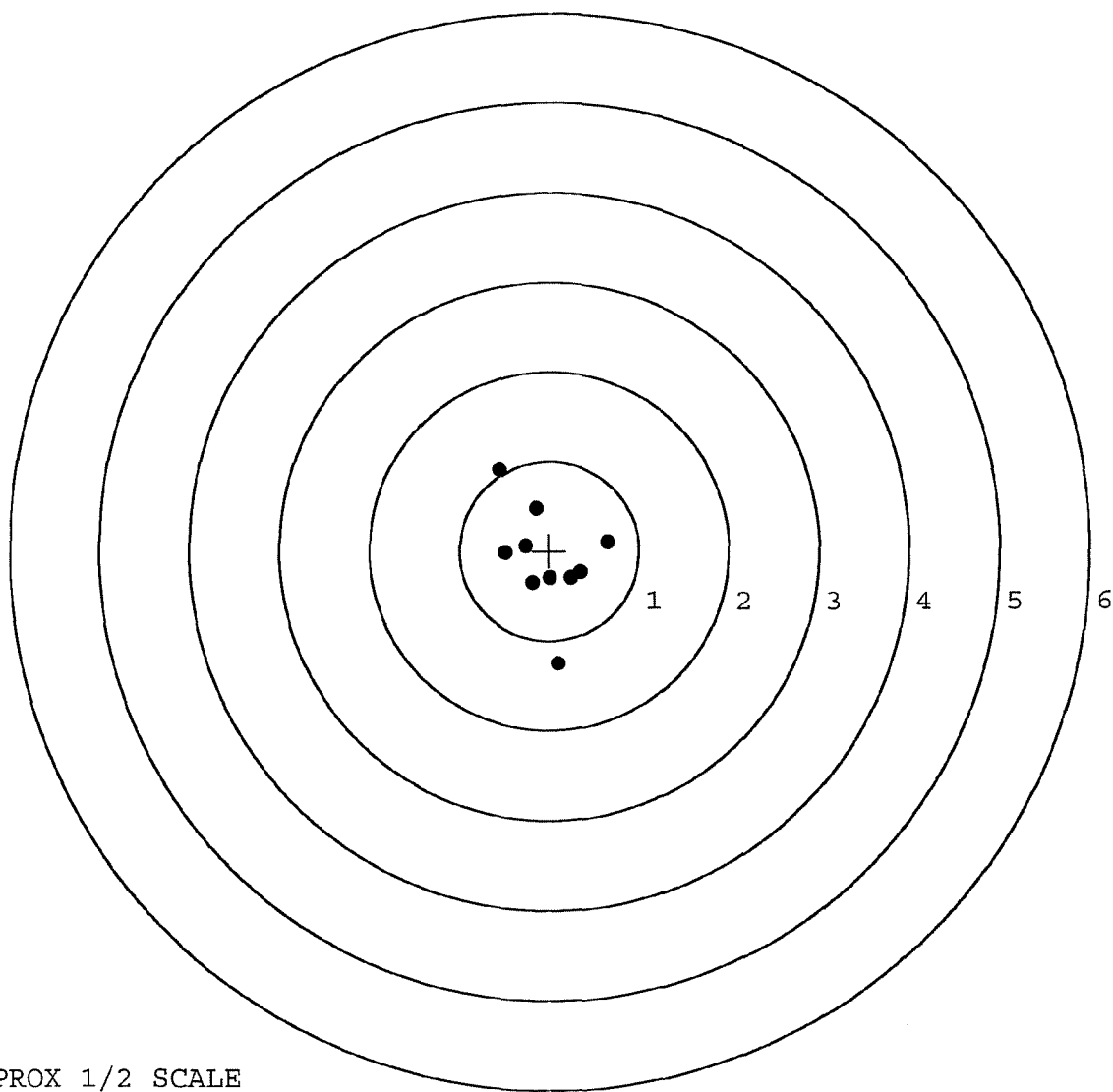
MEAN RADIUS: 0.560

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.560	0.902
2:	-0.153	0.469
3:	-0.490	-0.025
4:	-0.262	0.060
5:	0.649	0.105
6:	0.104	-1.262
7:	-0.193	-0.357
8:	0.011	-0.303
9:	0.242	-0.303
10:	0.349	-0.238



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. 0

TARGET NUMBER: 2

FILE DATE: 10/29/2003

FILE TIME: 18:50

X CENTROID: -0.056

Y CENTROID: 0.006

POA TO CENTROID: 0.056

HORZ SPREAD: 2.203

VERT SPREAD: 1.543

GROUP SPREAD: 2.395

MIN RADIUS: 0.212

MAX RADIUS: 1.376

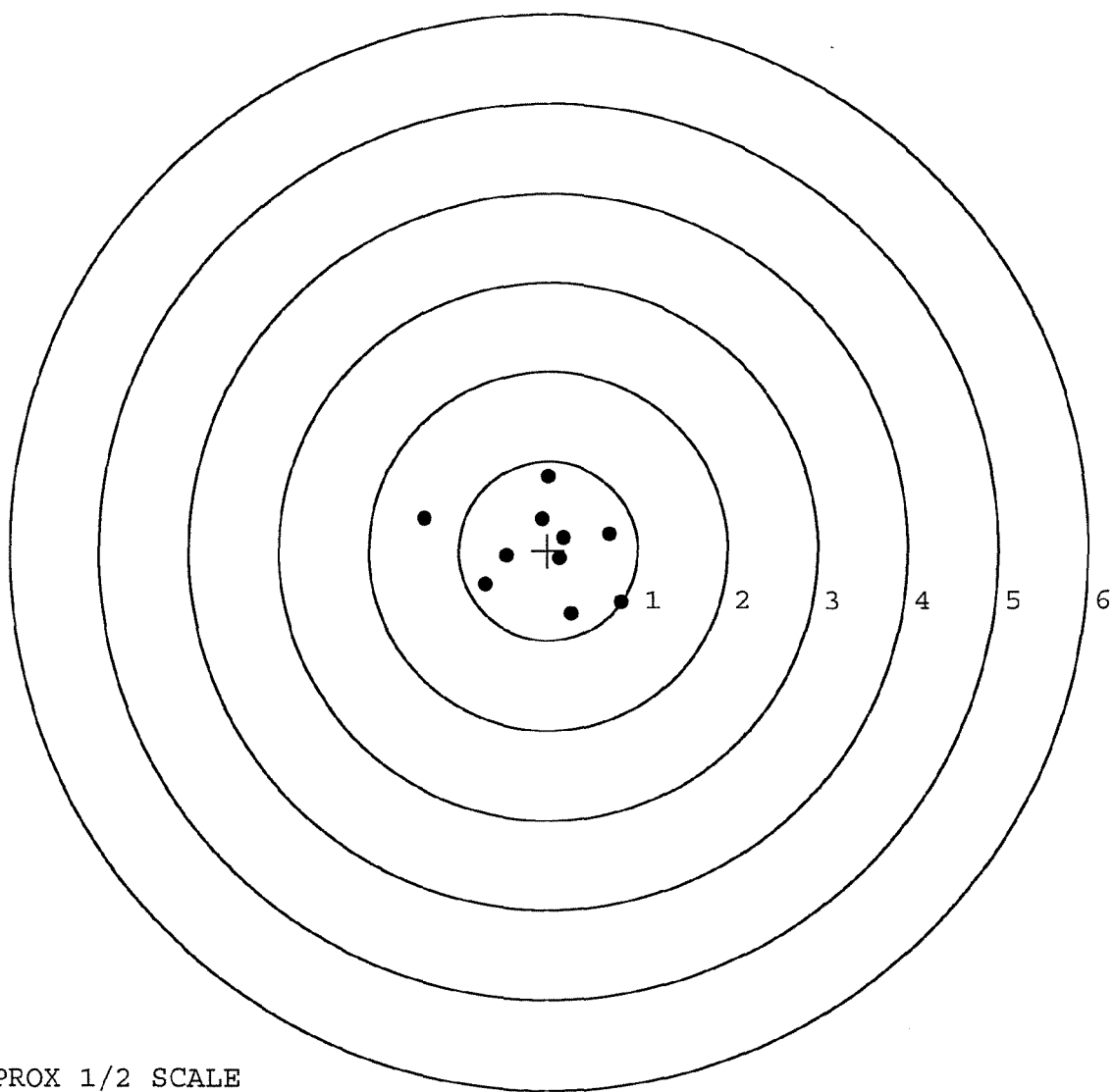
MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.818	-0.577
2:	0.257	-0.711
3:	-0.461	-0.057
4:	-0.706	-0.384
5:	-1.385	0.362
6:	0.685	0.193
7:	0.133	-0.090
8:	0.170	0.142
9:	-0.071	0.354
10:	-0.001	0.832

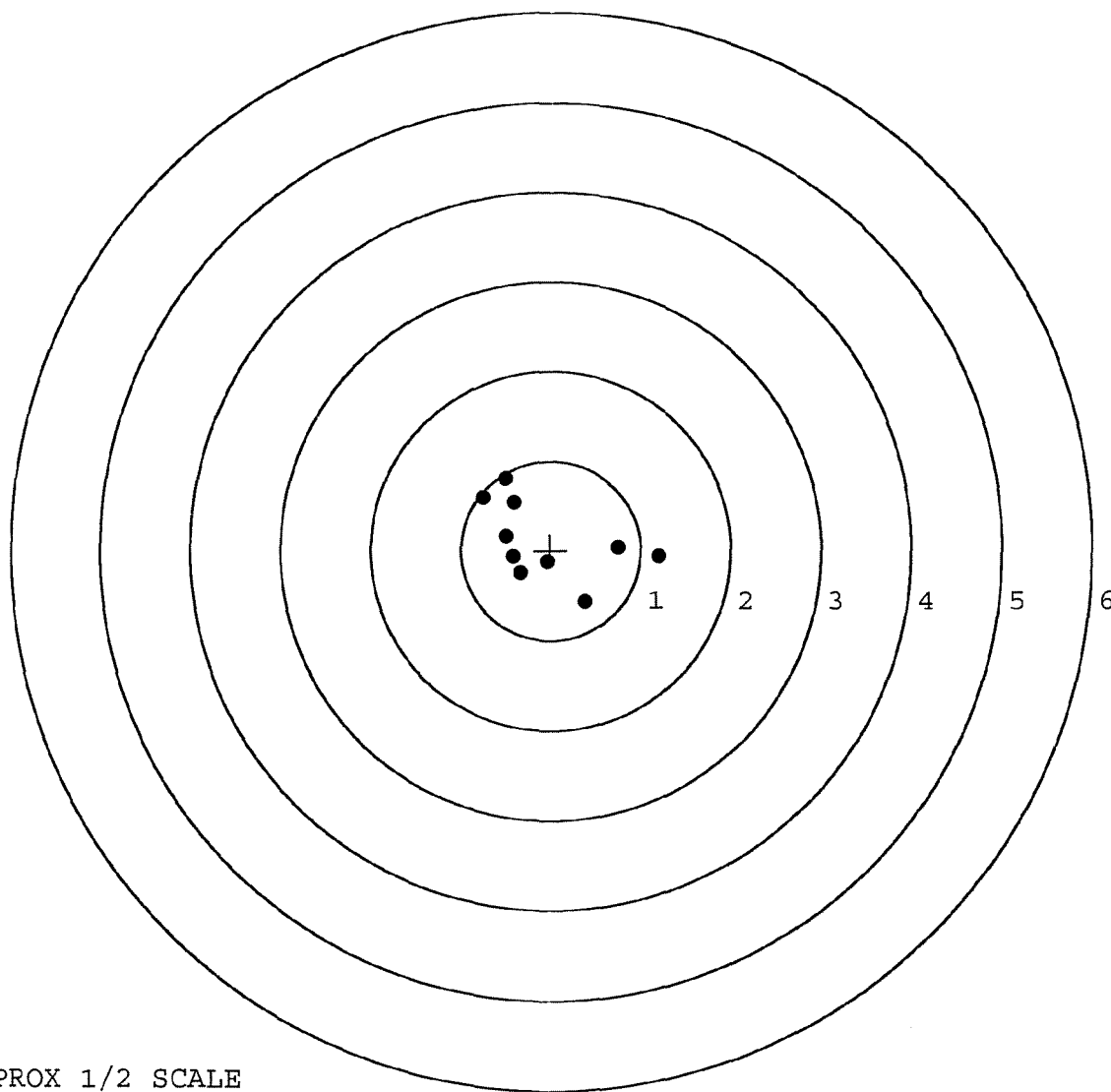


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. __0
 TARGET NUMBER: 3
 FILE DATE: 10/29/2003
 FILE TIME: 18:50

X CENTROID: -0.063
 Y CENTROID: 0.101
 POA TO CENTROID: 0.119
 HORZ SPREAD: 1.963
 VERT SPREAD: 1.381
 GROUP SPREAD: 2.072
 MIN RADIUS: 0.230
 MAX RADIUS: 1.281
 MEAN RADIUS: 0.667
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.206	-0.070
2:	0.752	0.037
3:	0.382	-0.576
4:	-0.507	0.805
5:	-0.411	0.534
6:	-0.757	0.592
7:	-0.037	-0.127
8:	-0.336	-0.259
9:	-0.506	0.154
10:	-0.419	-0.080



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. 0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 18:50

X CENTROID: 0.036

Y CENTROID: -0.147

POA TO CENTROID: 0.151

HORZ SPREAD: 3.384

VERT SPREAD: 2.260

GROUP SPREAD: 3.426

MIN RADIUS: 0.170

MAX RADIUS: 1.951

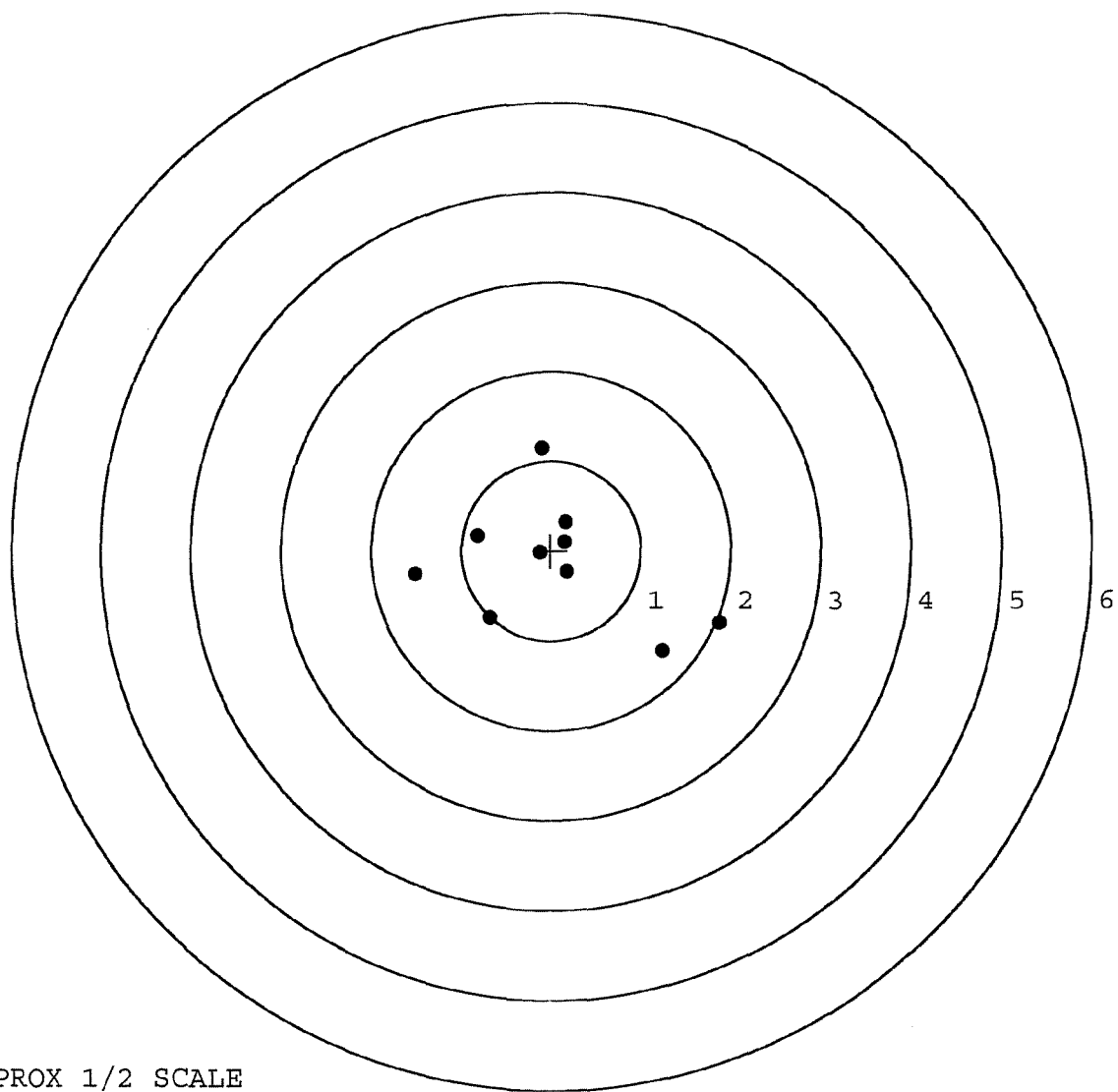
MEAN RADIUS: 0.933

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.874	-0.802
2:	1.245	-1.115
3:	-0.109	1.145
4:	-0.826	0.163
5:	-1.510	-0.267
6:	-0.685	-0.748
7:	0.161	0.317
8:	0.181	-0.236
9:	-0.121	-0.026
10:	0.152	0.100

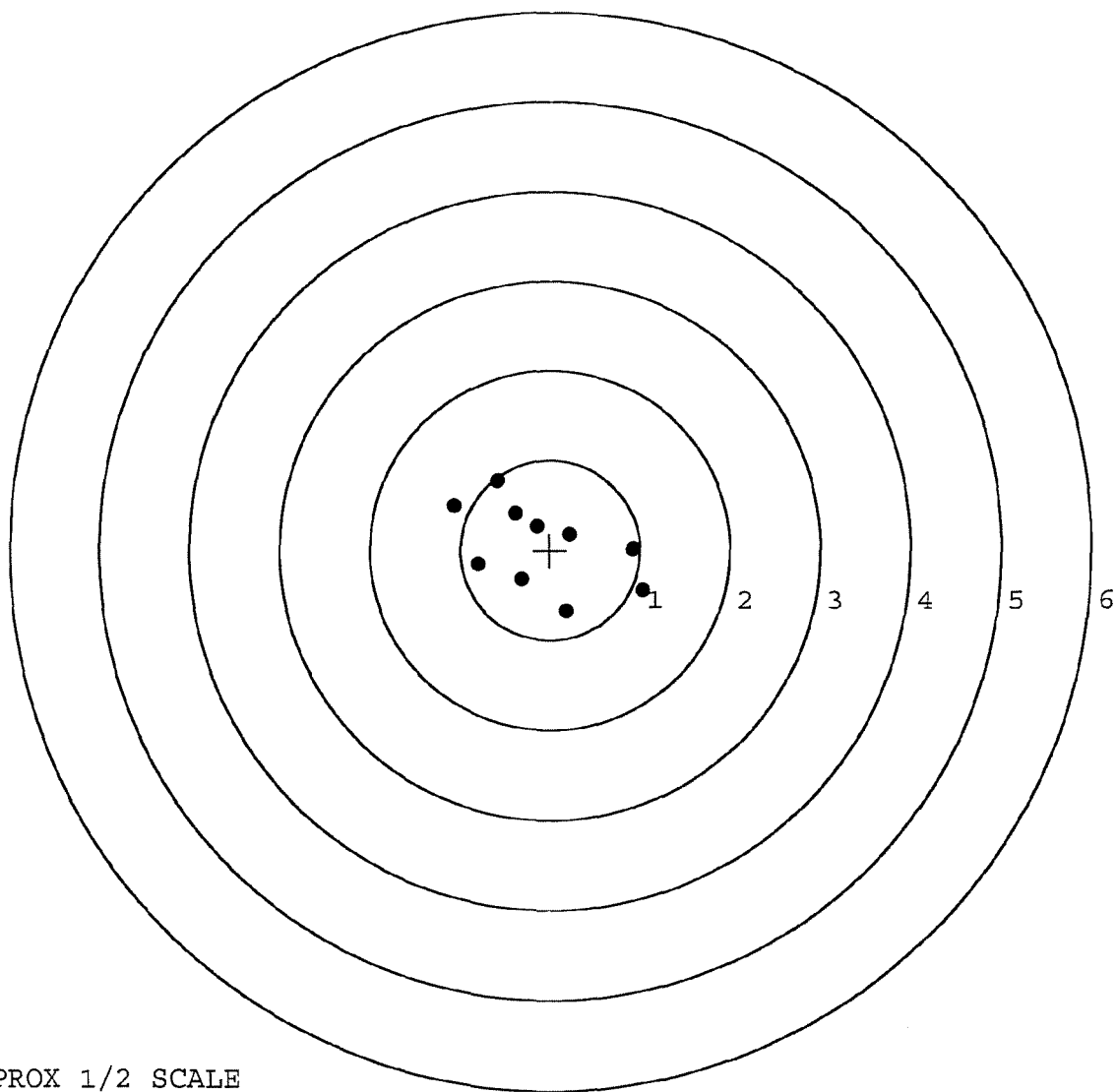


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296871. __0
 TARGET NUMBER: 5
 FILE DATE: 10/29/2003
 FILE TIME: 18:50

POINT#	X	Y
1:	1.027	-0.450
2:	0.920	0.015
3:	0.182	-0.680
4:	-0.318	-0.330
5:	0.217	0.177
6:	-0.151	0.268
7:	-0.392	0.409
8:	-0.587	0.769
9:	-1.071	0.489
10:	-0.803	-0.154

X CENTROID: -0.098
 Y CENTROID: 0.051
 POA TO CENTROID: 0.110
 HORZ SPREAD: 2.098
 VERT SPREAD: 1.449
 GROUP SPREAD: 2.299
 MIN RADIUS: 0.223
 MAX RADIUS: 1.231
 MEAN RADIUS: 0.717
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

E6413451

SERIAL # G6296871 (New) INSPECTED BY: RTZ

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:

R & E NUMBER	070752		
SERIAL NUMBER	E6413457 C6296871		
LOG-IN DATE	10-4-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-03	RU
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE MAGNAFLUX	10-7-03	RTL
600	PROOF INSPECTED		
605	CHECK HEADSPACE US 2003	10-8-03	RTL
610	DIS-ASSEMBLE GUN	10-8-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	10-11-03	B3
618	ROTO-BLAST	10/13/2003	Dans
620	APPLY COATINGS	10-14	TA
625 A	FINAL ASSEMBLY	10-24-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-29-03	RU
655	FINAL INSPECT	10-30-03	RTL
660	PACK	10-30-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		