

G6296874
Replace
E6374544

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: **RE00113043**

Serial: G6296874 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 5/31/2006 10:19:48 AM

Verify Repair

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 PG Box: GRUBER ROAD PG Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received 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 Fear Sgt Base	1

Repair Search

Refresh

Close

naclt 5/31/2006 10:31 AM CAPS NUM INS SCRL



10:31 AM

Serial Number: **G6296874**

Model: M24 SWS



RE00113043

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296874.___0
FILE DATE AND TIME: 10/29/2003 09:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.179
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.152
The Distance from Centroid Target #5 to Centroid Target #1:	0.075

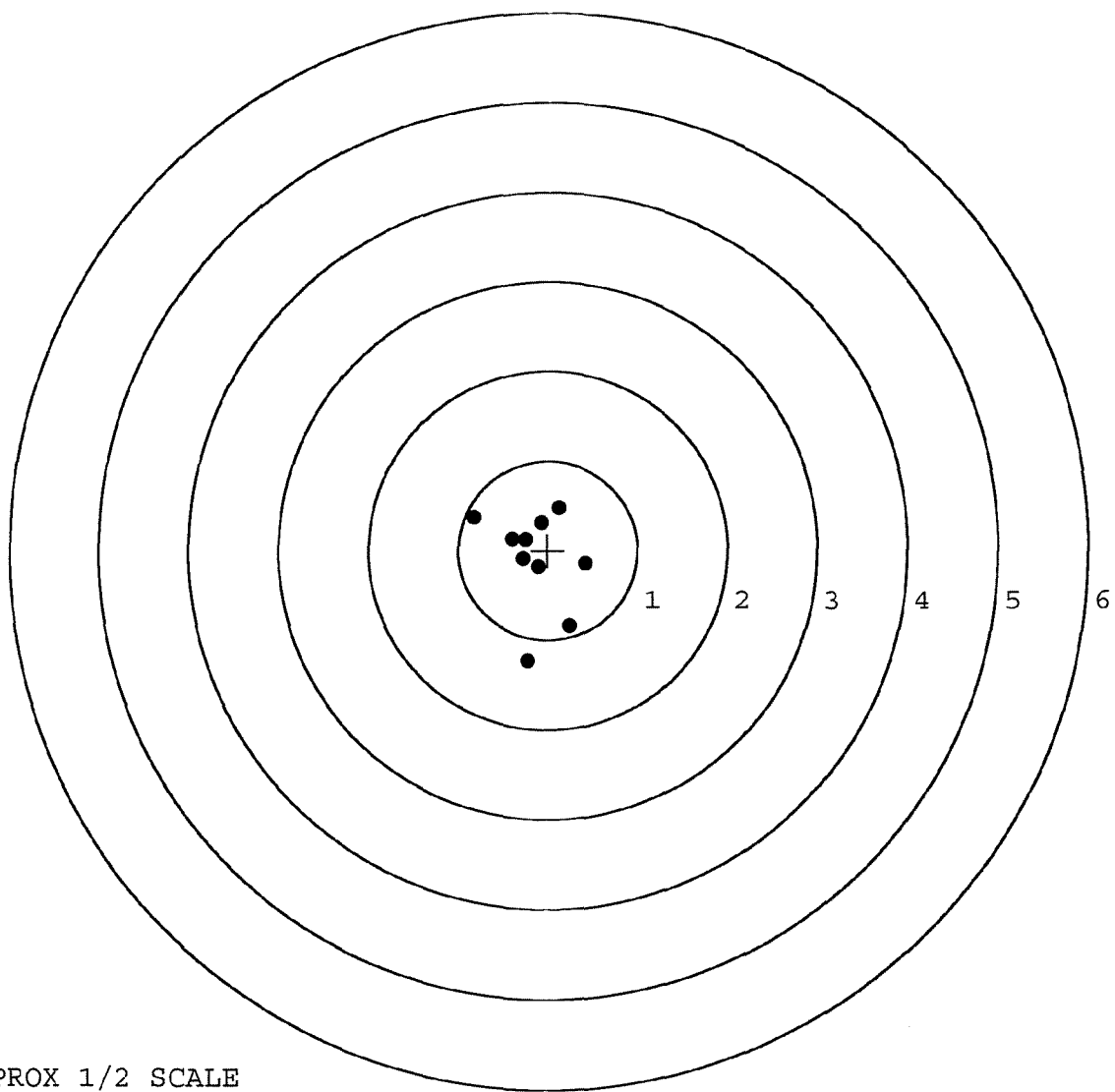
SERIAL NUMBER: G6296874. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 09:13

	POINT#	X	Y
	1:	-0.831	0.371
	2:	0.121	0.478
	3:	0.421	-0.146
	4:	0.242	-0.852
X CENTROID:	5:	-0.223	-1.246
Y CENTROID:	6:	-0.113	-0.189
POA TO CENTROID:	7:	-0.278	-0.094
HORZ SPREAD:	8:	-0.401	0.128
VERT SPREAD:	9:	-0.260	0.121
GROUP SPREAD:	10:	-0.077	0.309
MIN RADIUS:		0.082	
MAX RADIUS:		1.137	
MEAN RADIUS:		0.528	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		10	

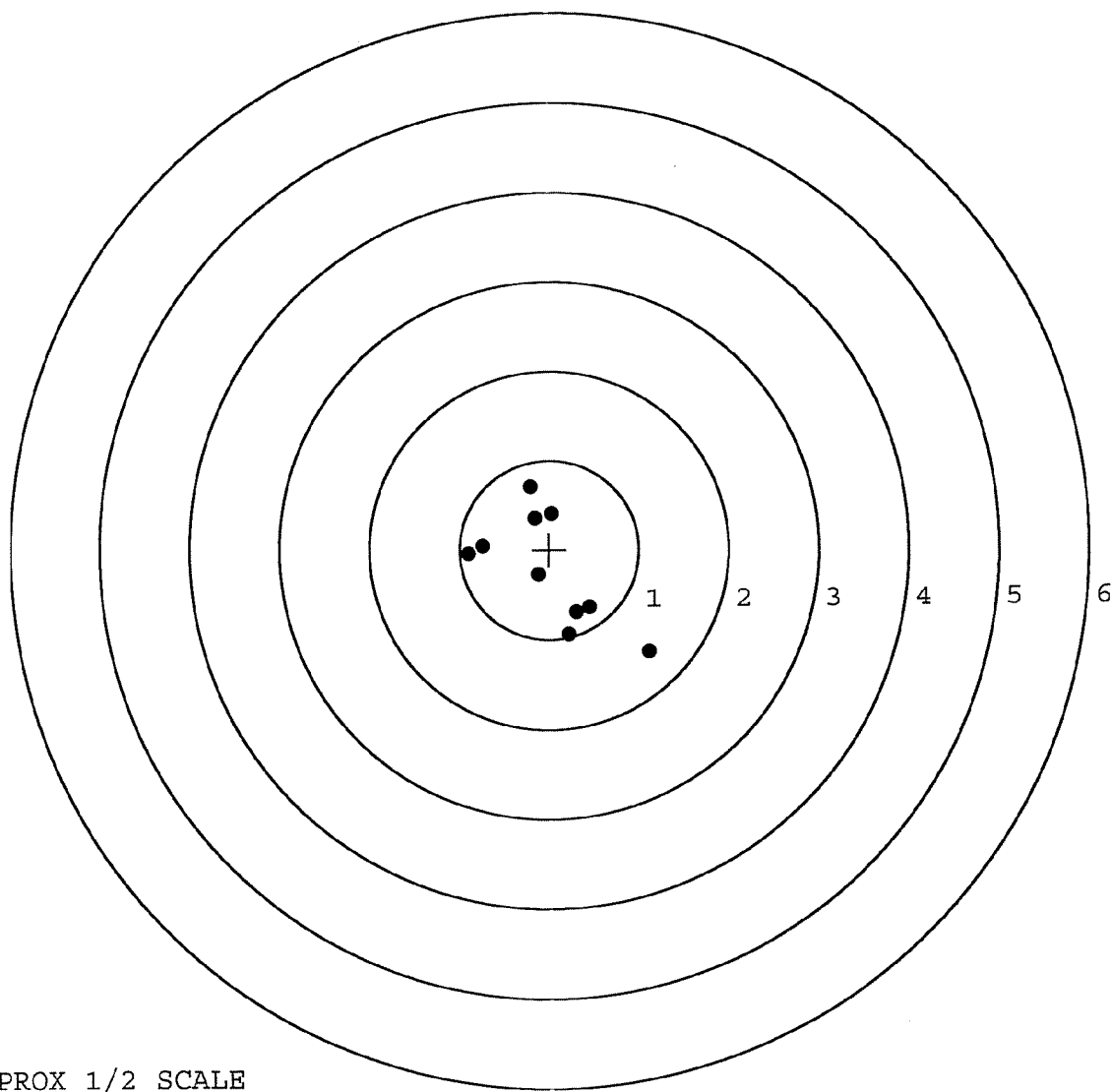


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. __0
TARGET NUMBER: 2
FILE DATE: 10/29/2003
FILE TIME: 09:13

X CENTROID: -0.004
Y CENTROID: -0.227
POA TO CENTROID: 0.227
HORZ SPREAD: 2.013
VERT SPREAD: 1.849
GROUP SPREAD: 2.290
MIN RADIUS: 0.131
MAX RADIUS: 1.441
MEAN RADIUS: 0.740
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.210	0.705
2:	0.033	0.403
3:	-0.166	0.351
4:	-0.743	0.045
5:	-0.905	-0.052
6:	-0.123	-0.282
7:	0.452	-0.650
8:	0.301	-0.701
9:	0.214	-0.947
10:	1.108	-1.144

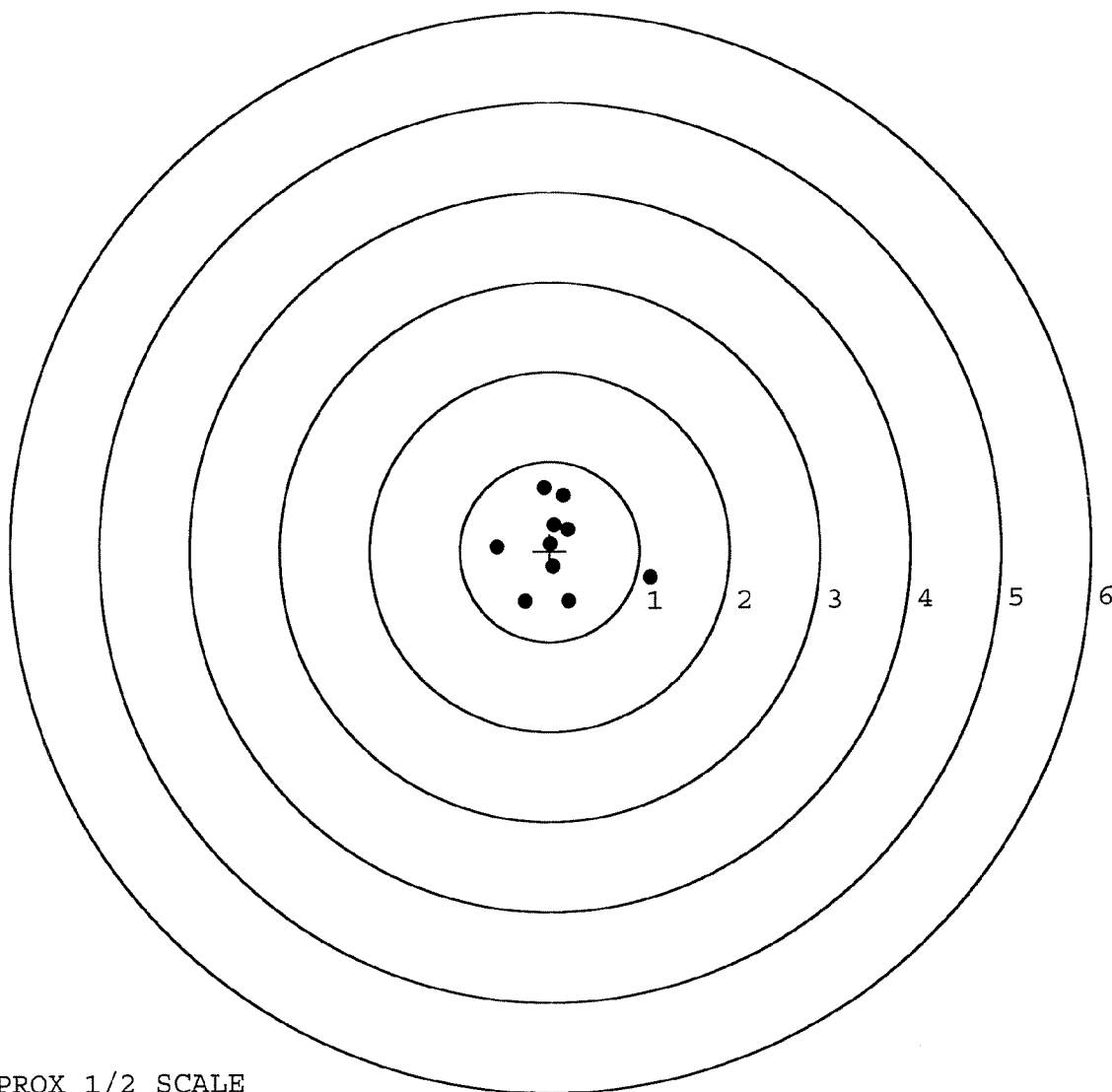


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. __0
TARGET NUMBER: 3
FILE DATE: 10/29/2003
FILE TIME: 09:13

X CENTROID: 0.085
Y CENTROID: 0.038
POA TO CENTROID: 0.093
HORZ SPREAD: 1.701
VERT SPREAD: 1.263
GROUP SPREAD: 1.737
MIN RADIUS: 0.086
MAX RADIUS: 1.084
MEAN RADIUS: 0.512
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.114	-0.304
2:	0.209	-0.558
3:	-0.277	-0.557
4:	-0.587	0.049
5:	-0.061	0.705
6:	0.158	0.618
7:	0.200	0.234
8:	0.036	-0.179
9:	0.008	0.077
10:	0.049	0.291



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. __0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 09:13

X CENTROID: -0.108

Y CENTROID: 0.037

POA TO CENTROID: 0.114

HORZ SPREAD: 1.146

VERT SPREAD: 1.936

GROUP SPREAD: 1.958

MIN RADIUS: 0.135

MAX RADIUS: 1.072

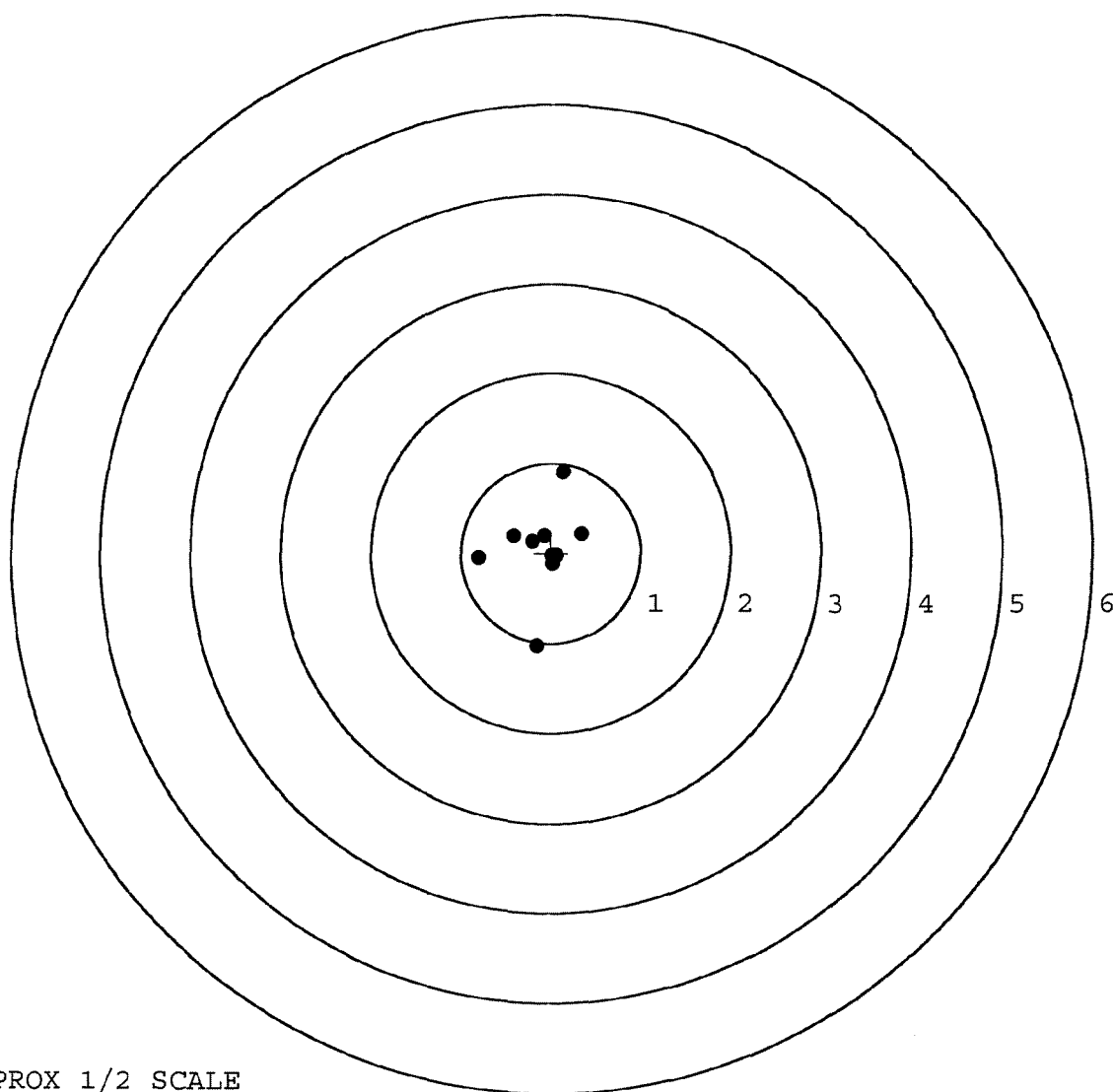
MEAN RADIUS: 0.433

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

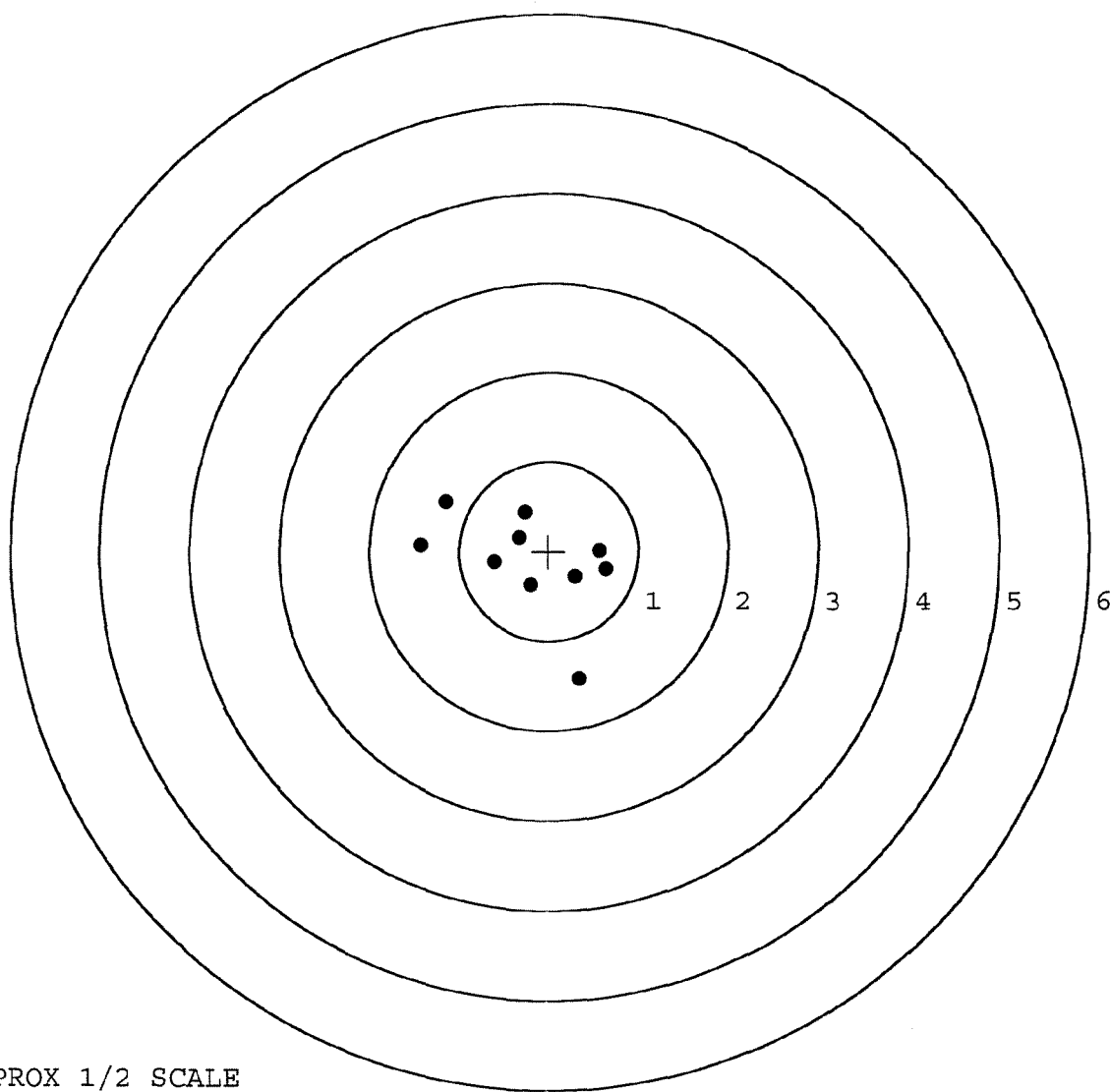
POINT#	X	Y
1:	0.140	0.902
2:	-0.419	0.195
3:	-0.800	-0.054
4:	-0.152	-1.034
5:	0.014	-0.123
6:	0.346	0.216
7:	0.066	-0.028
8:	-0.076	0.197
9:	-0.209	0.130
10:	0.009	-0.031



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. 0
TARGET NUMBER: 5
FILE DATE: 10/29/2003
FILE TIME: 09:13

	POINT#	X	Y
	1:	-1.149	0.547
	2:	-1.432	0.066
	3:	-0.272	0.436
	4:	-0.340	0.155
X CENTROID:	5:	-0.608	-0.123
Y CENTROID:	6:	-0.206	-0.374
POA TO CENTROID:	7:	0.572	0.018
HORZ SPREAD:	8:	0.297	-0.282
VERT SPREAD:	9:	0.641	-0.198
GROUP SPREAD:	10:	0.353	-1.421
MIN RADIUS:		0.257	
MAX RADIUS:		1.422	
MEAN RADIUS:		0.750	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		7	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

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)

DATE 6-12-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.47		2.59	
PULL #2	2.49	2.49		2.48	
PULL #3	2.40	2.53		2.43	
PULL #4	2.50	2.63		2.61	
PULL #5	2.43	2.61		2.44	
TOTAL	12.40	12.73		12.55	
AVERAGE	2.48	2.54		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.16		
PULL #2	3.00	3.09		
PULL #3	2.93	3.12		
PULL #4	3.17	3.13		
PULL #5	3.15	3.23		
TOTAL	15.36	15.73		
AVERAGE	3.07	3.14		

	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	4.21	3.96		4.21
PULL #2	4.08	3.91		4.12
PULL #3	4.00	4.01		4.16
PULL #4	4.00	4.04		4.25
PULL #5	4.04	4.00		3.95
TOTAL	20.33	19.92		20.69
AVERAGE	4.06	3.98		4.13

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

R & E NUMBER		113043		Fort Bragg	
SERIAL NUMBER		96296874			
LOG-IN DATE		5-31-06			
OPERATION #	OPERATION NAME	DATE	INITIAL		
500	DIS-ASSEMBLE GUN	6-12-06	AK		
505	RE-BARREL	6-15-06	A		
560	ASSEMBLE	6-22-06	A		
600	PROOF	MAGNA-FLUX INSPECTED JUN 27 2006	6-22-06	A	
605	CHECK HEADSPACE		6-22-06	A	
610	DIS-ASSEMBLE GUN		6-22-06	A	
612	MAGNAFLUX	OPERATOR <u>CPD</u>	6-27-06	APD	
510	DRILL AND TAP		6-26-06	TRW	
615	ROLLMARK CALIBER		6-27-06	CW	
618	ROTO-BLAST		6-29-06	LB	
620	APPLY COATINGS		7/6	HA	
625	FINAL ASSEMBLY		7-13-06	L.P.D.	
640	FUNCTION TEST AND	PASS FAIL	7-14-06	L.P.D.	
650	TARGET	PASS FAIL	7-14-06	L.P.D.	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		7-17-06	AK	
	A) HEADSPACE	PASS FAIL	7-17-06	AK	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.27 2.22 2.32 2.25 2.21 7-17-06 RA		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.5 6.5 6.5 7-17-06 RA		
	G) SAFETY OFF FORCE	2 LBS MIN	3.5 4.0 4.0 7-17-06 RA		
	I) FIRING PIN INDENT	.020	.023 .022 .023 7-17-06 RA		
690	PACK		8-3-06	RA	

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: **RE00070749** Serial: E6374544 Model 700 Center Fire Caliber: 7
 Verify Repair 62 NATO M/24 SWS Repairman: Status: Closed 9/30/2003 7:46:40 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 SCRL

start 3 info 4 info My Exits Search for Arms Ser... Part Ser... 8:42 AM

G6296874 (New)

~~E6374544~~

Model: 700

RE00070749

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296874. __0

FILE DATE AND TIME: 10/29/2003 09:13

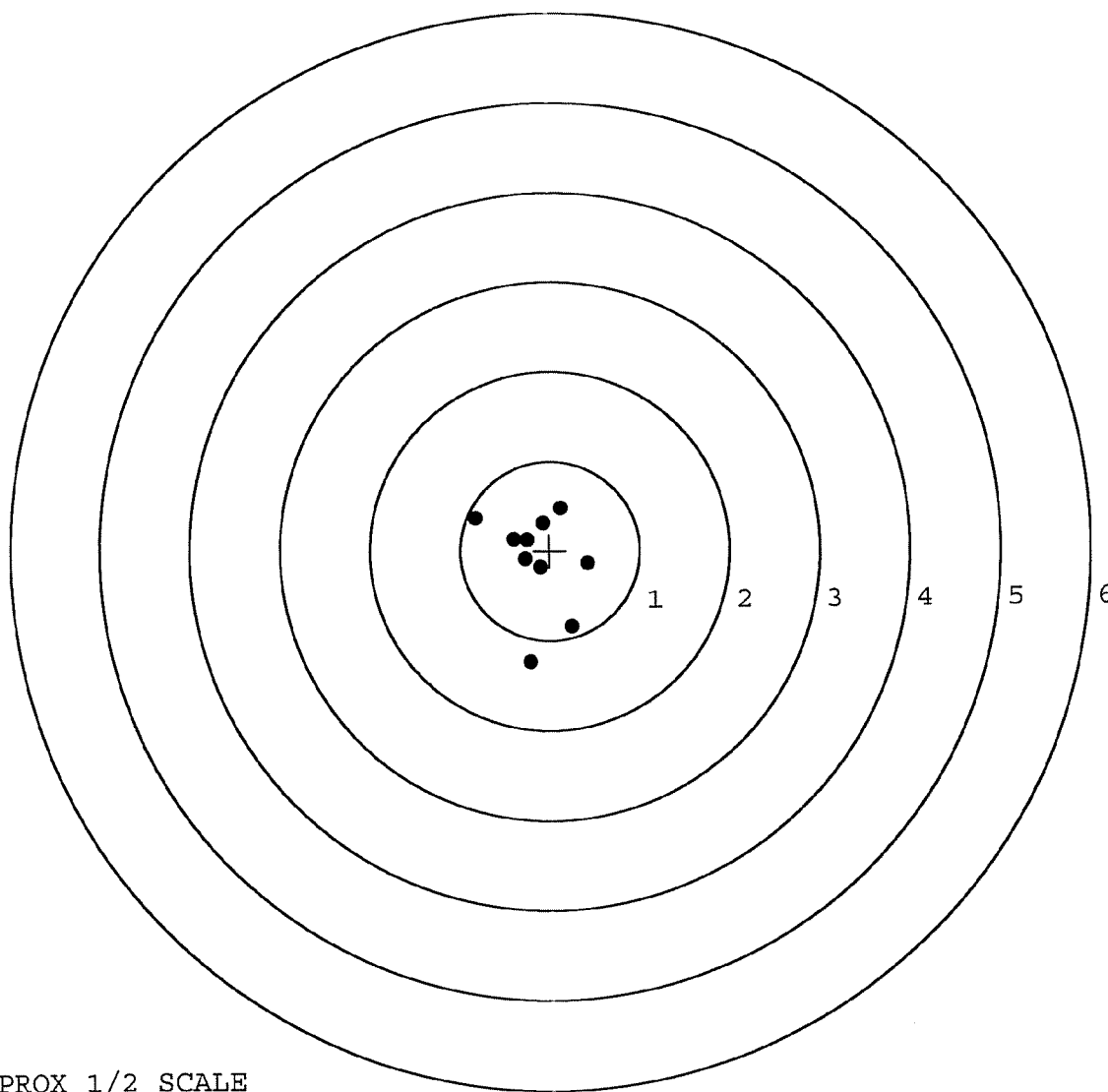
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.179
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.152
The Distance from Centroid Target #5 to Centroid Target #1:	0.075

SERIAL NUMBER: G6296874. __0
TARGET NUMBER: 1
FILE DATE: 10/29/2003
FILE TIME: 09:13

X CENTROID: -0.140
Y CENTROID: -0.112
POA TO CENTROID: 0.179
HORZ SPREAD: 1.252
VERT SPREAD: 1.724
GROUP SPREAD: 1.758
MIN RADIUS: 0.082
MAX RADIUS: 1.137
MEAN RADIUS: 0.528
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.831	0.371
2:	0.121	0.478
3:	0.421	-0.146
4:	0.242	-0.852
5:	-0.223	-1.246
6:	-0.113	-0.189
7:	-0.278	-0.094
8:	-0.401	0.128
9:	-0.260	0.121
10:	-0.077	0.309

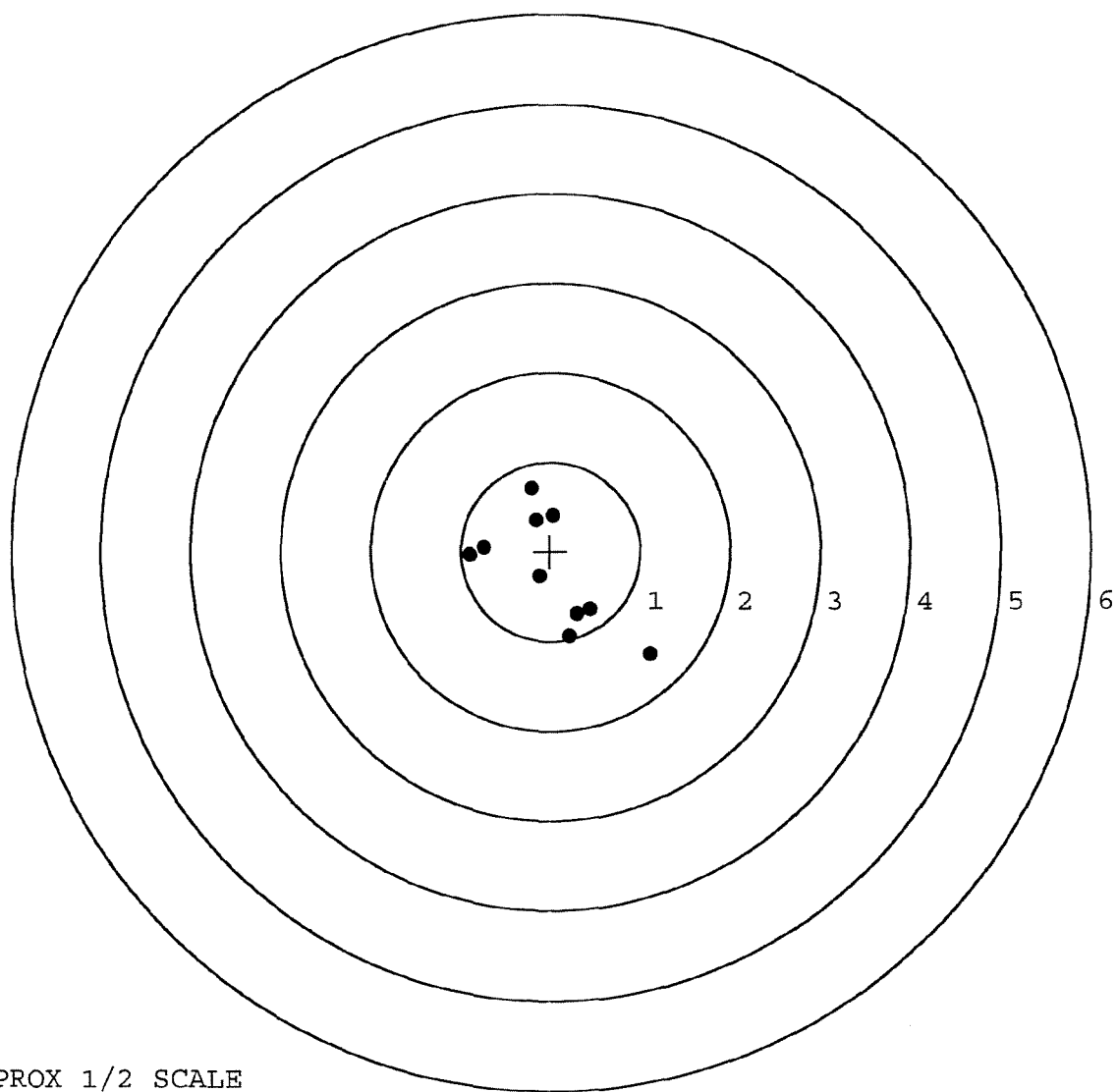


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. __0
TARGET NUMBER: 2
FILE DATE: 10/29/2003
FILE TIME: 09:13

X CENTROID: -0.004
Y CENTROID: -0.227
POA TO CENTROID: 0.227
HORZ SPREAD: 2.013
VERT SPREAD: 1.849
GROUP SPREAD: 2.290
MIN RADIUS: 0.131
MAX RADIUS: 1.441
MEAN RADIUS: 0.740
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.210	0.705
2:	0.033	0.403
3:	-0.166	0.351
4:	-0.743	0.045
5:	-0.905	-0.052
6:	-0.123	-0.282
7:	0.452	-0.650
8:	0.301	-0.701
9:	0.214	-0.947
10:	1.108	-1.144



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. __0

TARGET NUMBER: 3

FILE DATE: 10/29/2003

FILE TIME: 09:13

POINT#	X	Y
1:	1.114	-0.304
2:	0.209	-0.558
3:	-0.277	-0.557
4:	-0.587	0.049
5:	-0.061	0.705
6:	0.158	0.618
7:	0.200	0.234
8:	0.036	-0.179
9:	0.008	0.077
10:	0.049	0.291

X CENTROID: 0.085

Y CENTROID: 0.038

POA TO CENTROID: 0.093

HORZ SPREAD: 1.701

VERT SPREAD: 1.263

GROUP SPREAD: 1.737

MIN RADIUS: 0.086

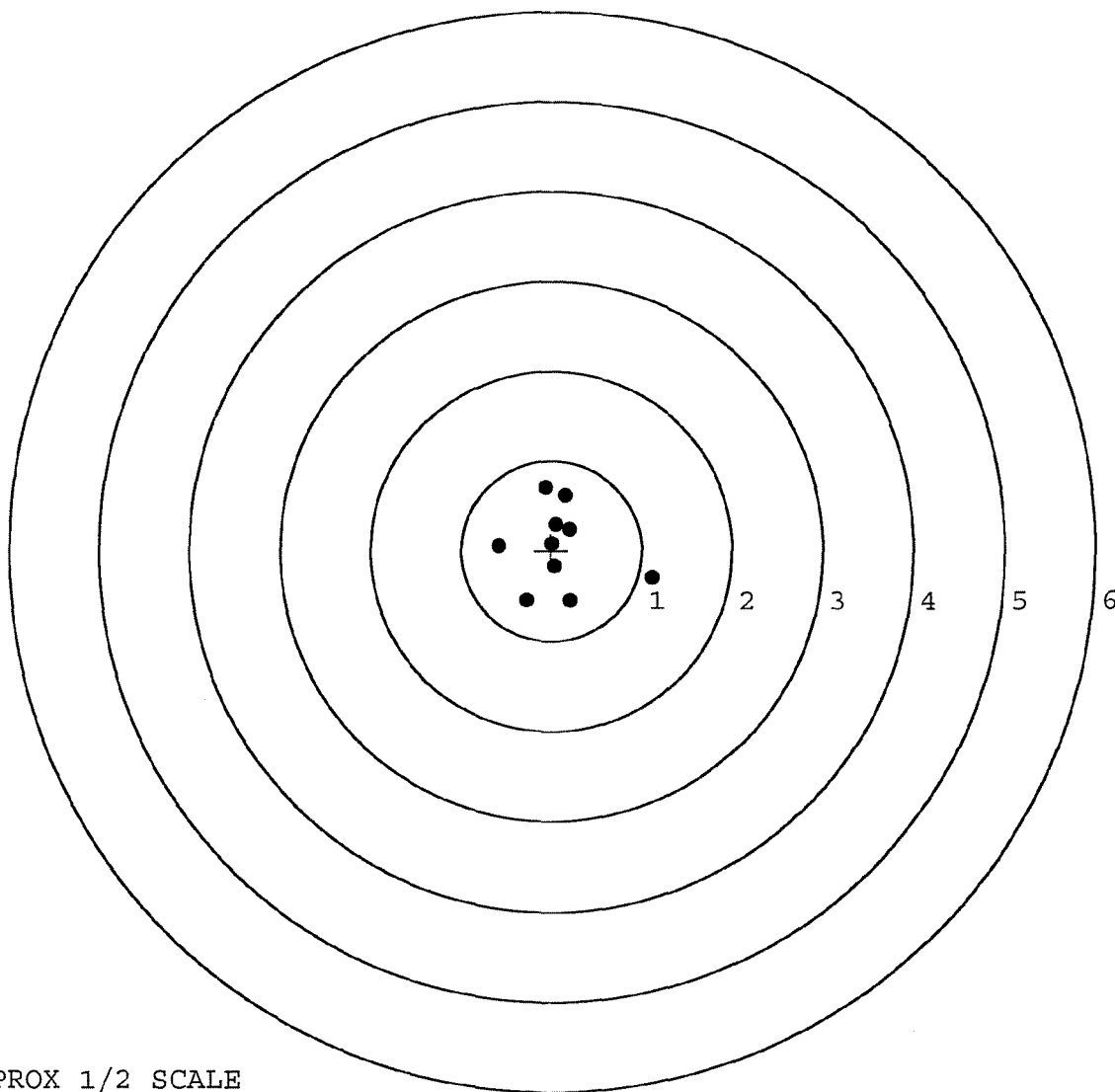
MAX RADIUS: 1.084

MEAN RADIUS: 0.512

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. 0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 09:13

X CENTROID: -0.108

Y CENTROID: 0.037

POA TO CENTROID: 0.114

HORZ SPREAD: 1.146

VERT SPREAD: 1.936

GROUP SPREAD: 1.958

MIN RADIUS: 0.135

MAX RADIUS: 1.072

MEAN RADIUS: 0.433

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

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

1:	0.140	0.902
----	-------	-------

2:	-0.419	0.195
----	--------	-------

3:	-0.800	-0.054
----	--------	--------

4:	-0.152	-1.034
----	--------	--------

5:	0.014	-0.123
----	-------	--------

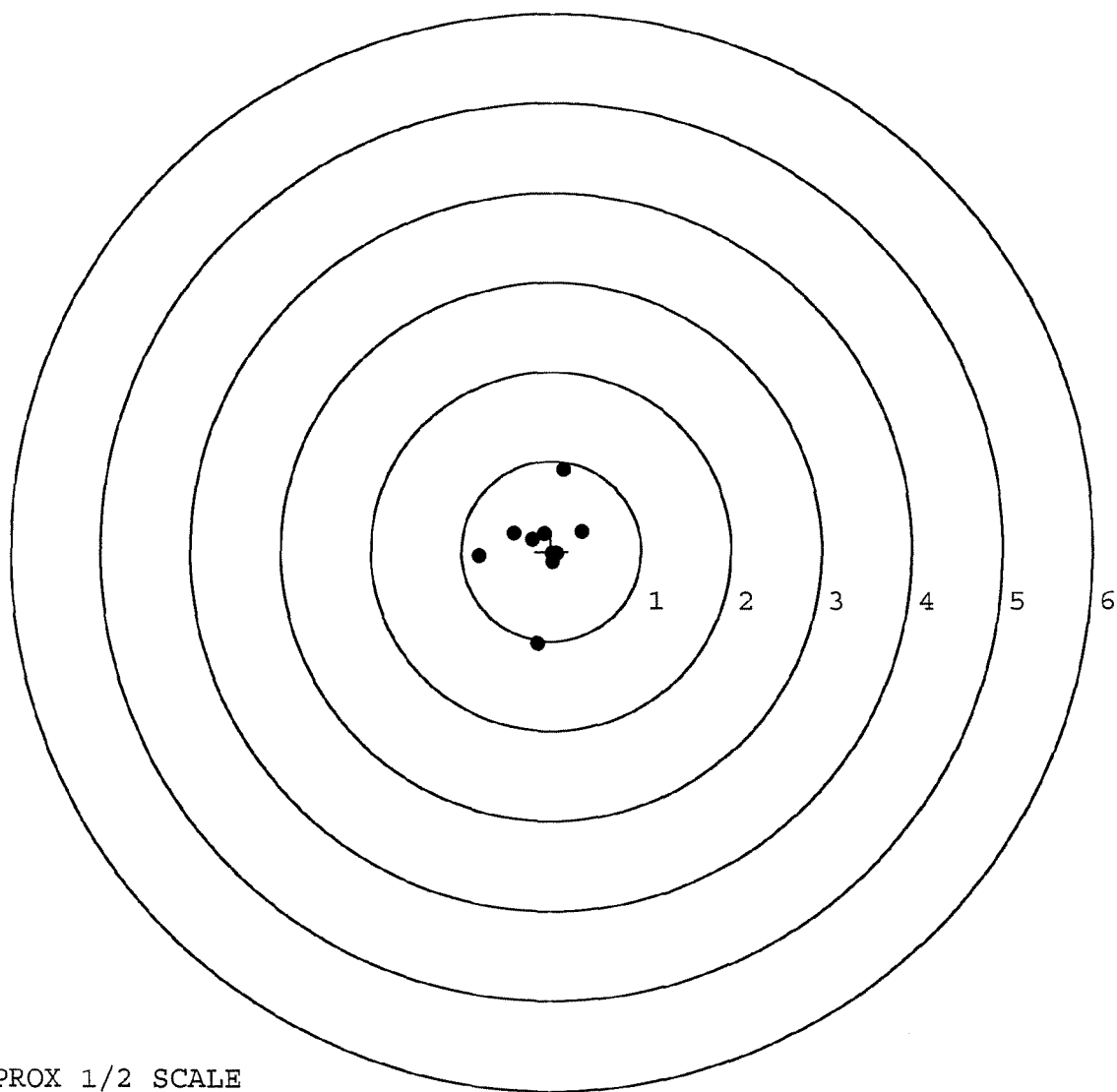
6:	0.346	0.216
----	-------	-------

7:	0.066	-0.028
----	-------	--------

8:	-0.076	0.197
----	--------	-------

9:	-0.209	0.130
----	--------	-------

10:	0.009	-0.031
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TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296874. __0

TARGET NUMBER: 5

FILE DATE: 10/29/2003

FILE TIME: 09:13

POINT#	X	Y
1:	-1.149	0.547
2:	-1.432	0.066
3:	-0.272	0.436
4:	-0.340	0.155
5:	-0.608	-0.123
6:	-0.206	-0.374
7:	0.572	0.018
8:	0.297	-0.282
9:	0.641	-0.198
10:	0.353	-1.421

X CENTROID: -0.214

Y CENTROID: -0.118

POA TO CENTROID: 0.245

HORZ SPREAD: 2.073

VERT SPREAD: 1.968

GROUP SPREAD: 2.476

MIN RADIUS: 0.257

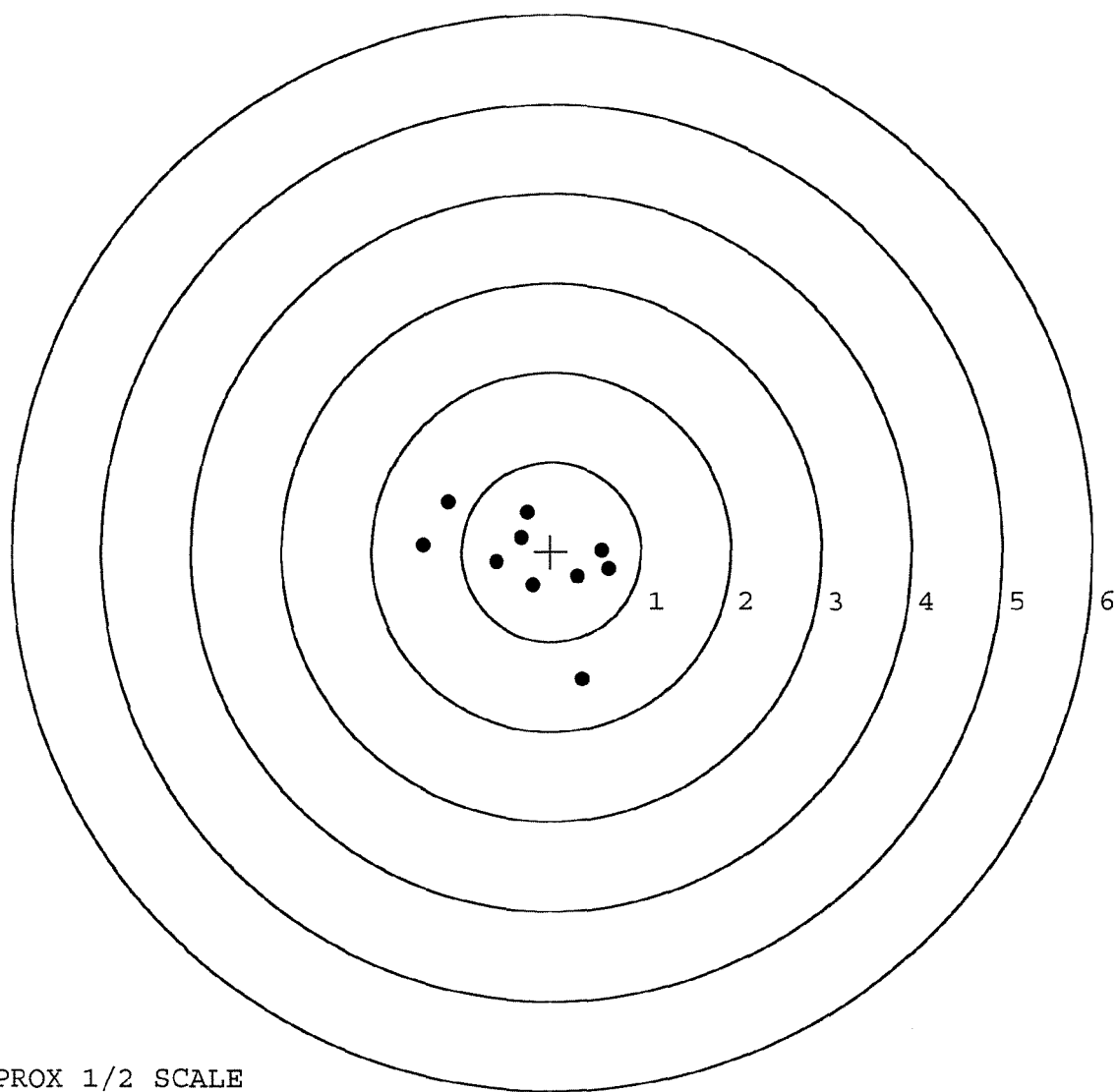
MAX RADIUS: 1.422

MEAN RADIUS: 0.750

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

E6374544

SERIAL # E6296874INSPECTED BY: RJRDATE REC'D: 9-30-03DATE RET'D: 10-29-03

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:

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

R & E NUMBER	70749		
SERIAL NUMBER	E62374544	G6296874 (New)	
LOG-IN DATE	9-30-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-03	RTL
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE	10-7-03	RTL
600	PROOF		
605	CHECK HEADSPACE	10-8-03	RTL
610	DIS-ASSEMBLE GUN	10-8-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	AB
618	ROTO-BLAST	10/13/2003	Dans
620	APPLY COATINGS	10-14	TH
625 A	FINAL ASSEMBLY	10-23-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-29-03	AC
655	FINAL INSPECT	10-29-03	RT
660	PACK	10-30-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		