

E 6413469
Replace
C-6522141

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: RE00144395

Serial: E6413474 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/14/2008 1:18:07 PM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: BROCK BUDDLES

BROCK BUDDLES

Address 1: C CO 1ST BN

C CO 1ST BN

Address 2: 7TH SFG (A)

PO Box:

7TH SFG (A)

PO Box:

City: FT. BRAGG

FT. 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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

4/14/2008

3:26 PM

NUM



Serial Number: E6413474

Model: M24 SWS



RE00144395

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413474.__0

FILE DATE AND TIME: 05/07/2008 04:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.941
The Distance from POA to Centroid Target #1:	0.199
The Distance from Centroid Target #2 to Centroid Target #1:	0.353
The Distance from Centroid Target #3 to Centroid Target #1:	0.357
The Distance from Centroid Target #4 to Centroid Target #1:	0.262
The Distance from Centroid Target #5 to Centroid Target #1:	0.315

BARBER - M24 0120134

SERIAL NUMBER: E6413474. 0

TARGET NUMBER: 1

FILE DATE: 05/07/2008

FILE TIME: 04:35

POINT#	X	Y
1:	1.084	-1.826
2:	0.632	-1.019
3:	2.146	-0.019
4:	-0.159	-0.582
5:	-0.575	-0.350
6:	-0.429	0.028
7:	-0.695	0.251
8:	-0.242	0.637
9:	-0.702	1.918
10:	0.115	-0.639

X CENTROID: 0.118

Y CENTROID: -0.160

POA TO CENTROID: 0.199

HORZ SPREAD: 2.848

VERT SPREAD: 3.744

GROUP SPREAD: 4.148

MIN RADIUS: 0.479

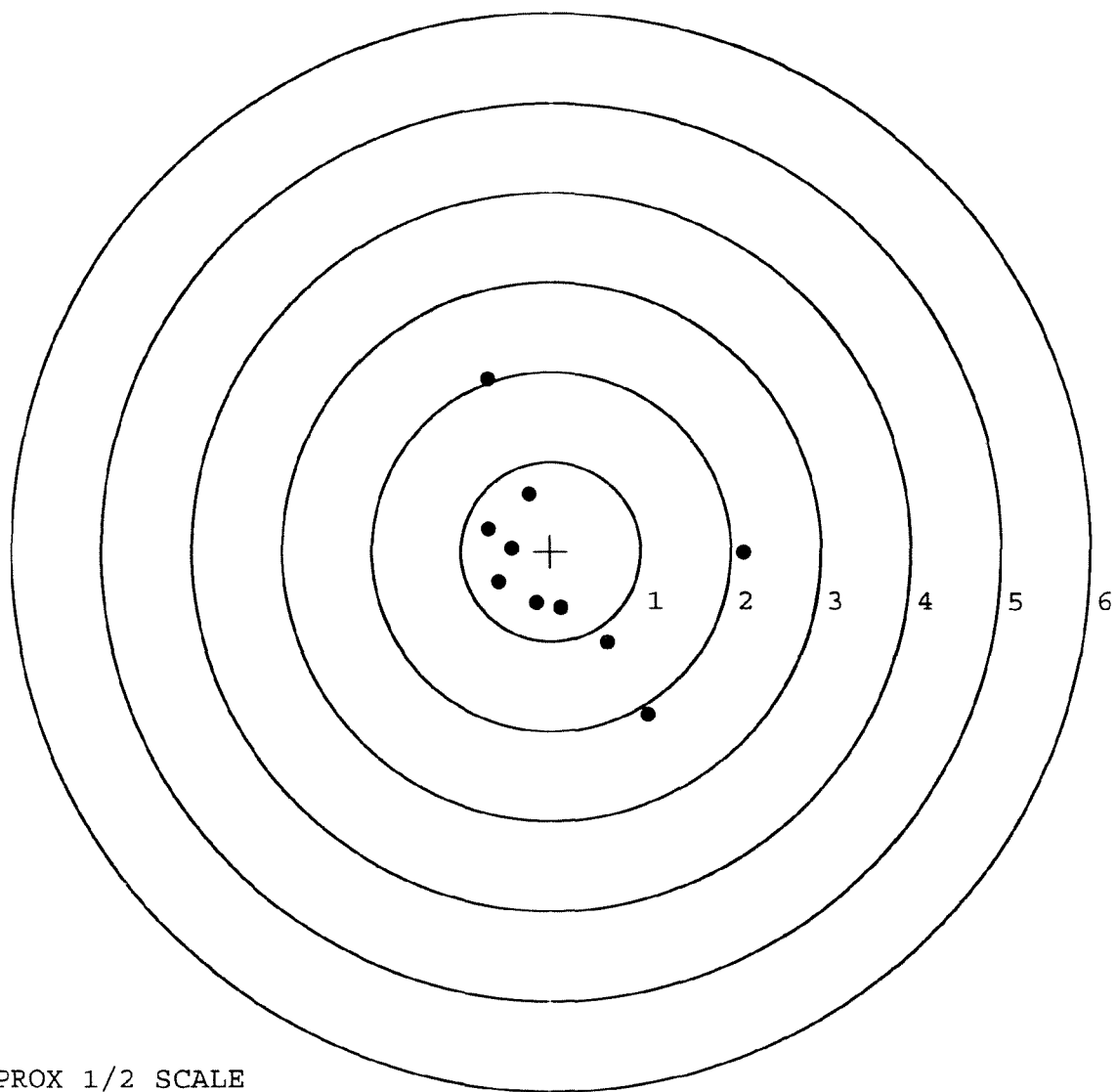
MAX RADIUS: 2.234

MEAN RADIUS: 1.126

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



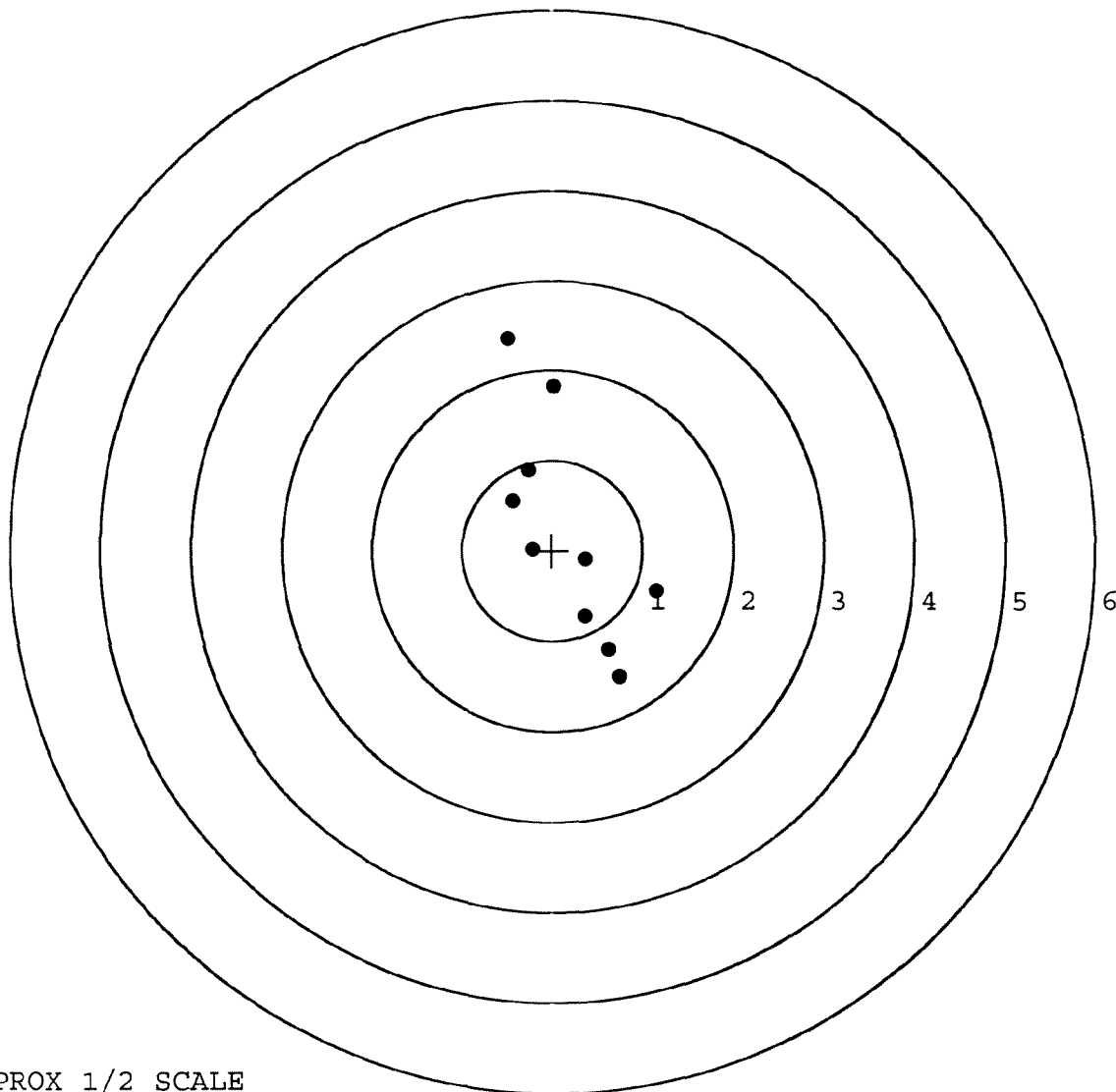
TARGET APPROX 1/2 SCALE

BARBER - M24 0120135

SERIAL NUMBER: E6413474. __0
 TARGET NUMBER: 2
 FILE DATE: 05/07/2008
 FILE TIME: 04:35

POINT#	X	Y
1:	1.152	-0.452
2:	0.751	-1.394
3:	0.631	-1.098
4:	0.365	-0.722
5:	0.368	-0.094
6:	-0.220	0.016
7:	-0.434	0.550
8:	-0.265	0.887
9:	0.026	1.816
10:	-0.492	2.348

X CENTROID: 0.188
 Y CENTROID: 0.186
 POA TO CENTROID: 0.264
 HORZ SPREAD: 1.644
 VERT SPREAD: 3.742
 GROUP SPREAD: 3.943
 MIN RADIUS: 0.333
 MAX RADIUS: 2.267
 MEAN RADIUS: 1.135
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



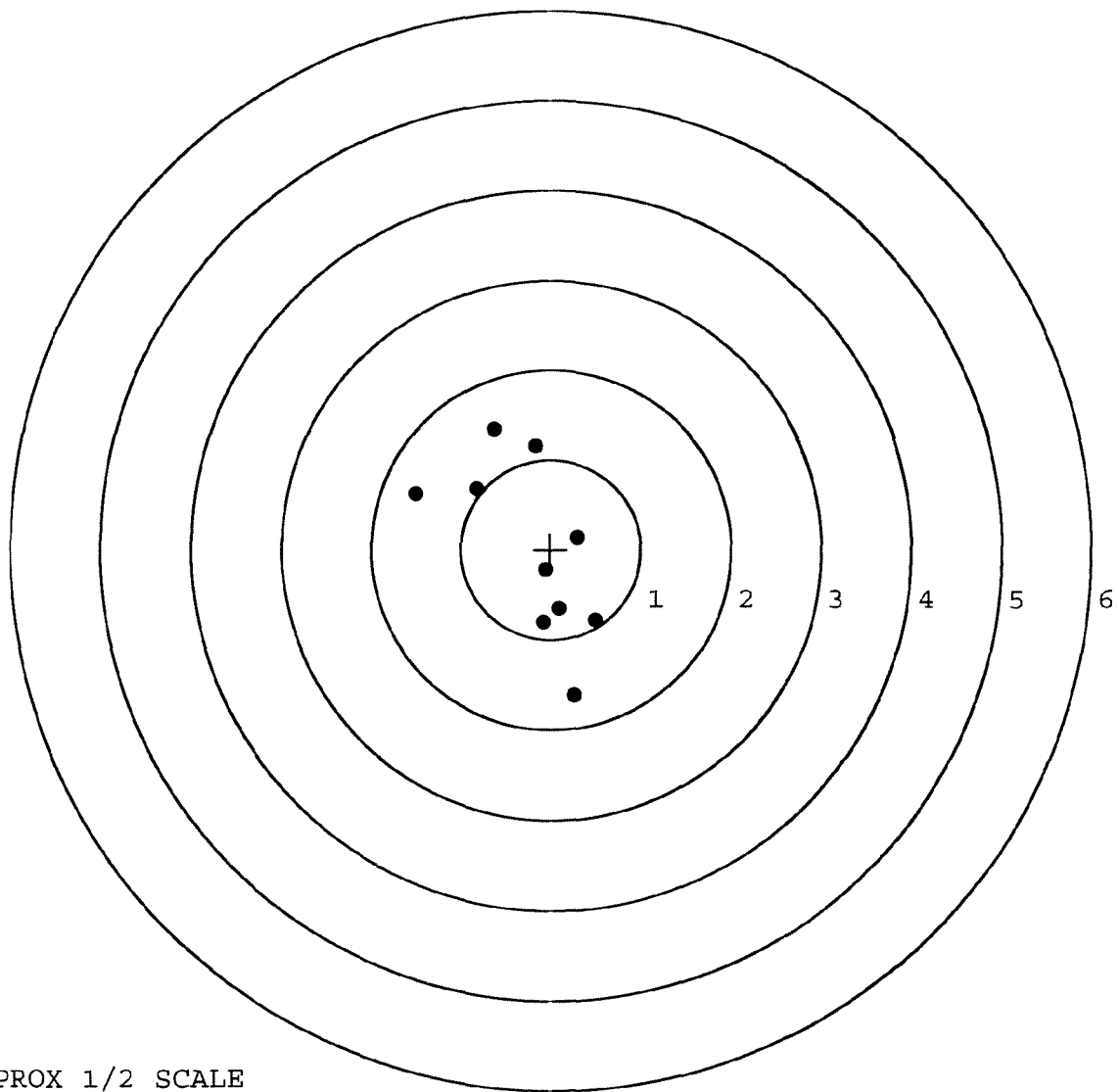
TARGET APPROX 1/2 SCALE

BARBER - M24 0120136

SERIAL NUMBER: E6413474. __0
 TARGET NUMBER: 3
 FILE DATE: 05/07/2008
 FILE TIME: 04:35

POINT#	X	Y
1:	0.496	-0.791
2:	-0.084	-0.816
3:	0.094	-0.666
4:	-0.056	-0.227
5:	0.298	0.144
6:	-0.825	0.679
7:	-1.506	0.615
8:	-0.165	1.147
9:	-0.629	1.337
10:	0.263	-1.630

X CENTROID: -0.211
 Y CENTROID: -0.021
 POA TO CENTROID: 0.212
 HORZ SPREAD: 2.002
 VERT SPREAD: 2.967
 GROUP SPREAD: 3.098
 MIN RADIUS: 0.258
 MAX RADIUS: 1.678
 MEAN RADIUS: 1.000
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0120137

SERIAL NUMBER: E6413474. __0

TARGET NUMBER: 4

FILE DATE: 05/07/2008

FILE TIME: 04:35

POINT#	X	Y
1:	0.319	-2.362
2:	0.070	-1.501
3:	0.535	-0.159
4:	0.280	0.221
5:	-0.070	0.269
6:	-0.298	0.240
7:	-0.509	0.449
8:	0.094	-0.305
9:	-0.205	-0.302
10:	-0.170	-0.518

X CENTROID: 0.005

Y CENTROID: -0.397

POA TO CENTROID: 0.397

HORZ SPREAD: 1.044

VERT SPREAD: 2.811

GROUP SPREAD: 2.930

MIN RADIUS: 0.128

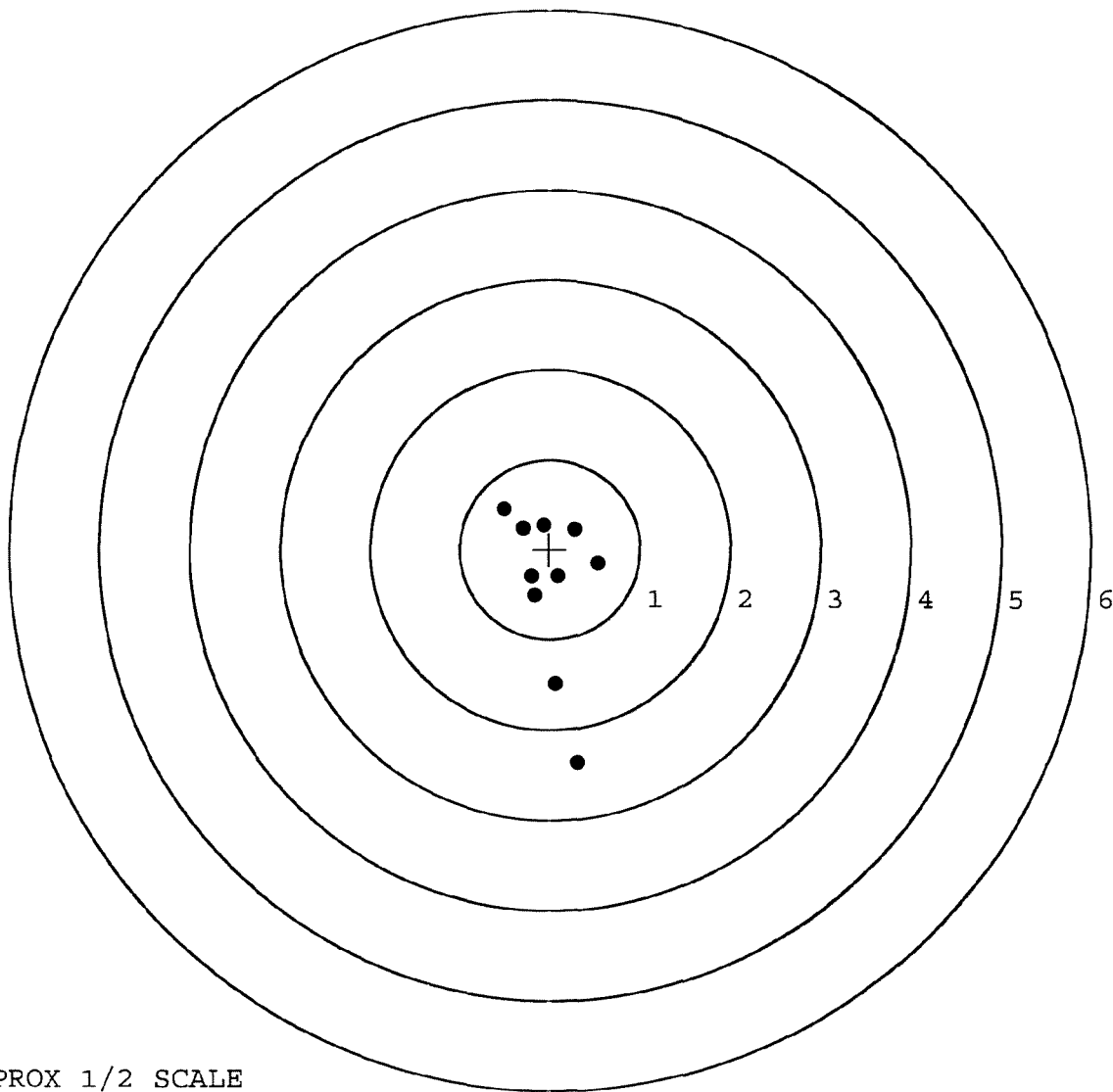
MAX RADIUS: 1.990

MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0120138

SERIAL NUMBER: E6413474. 0

TARGET NUMBER: 5

FILE DATE: 05/07/2008

FILE TIME: 04:35

POINT#	X	Y
1:	0.051	0.851
2:	-0.203	1.165
3:	-1.004	0.888
4:	-0.054	0.169
5:	0.078	-0.099
6:	-0.431	0.100
7:	-0.553	-0.134
8:	0.512	-0.454
9:	0.371	-0.484
10:	0.449	-1.133

X CENTROID: -0.078

Y CENTROID: 0.087

POA TO CENTROID: 0.117

HORZ SPREAD: 1.516

VERT SPREAD: 2.298

GROUP SPREAD: 2.489

MIN RADIUS: 0.086

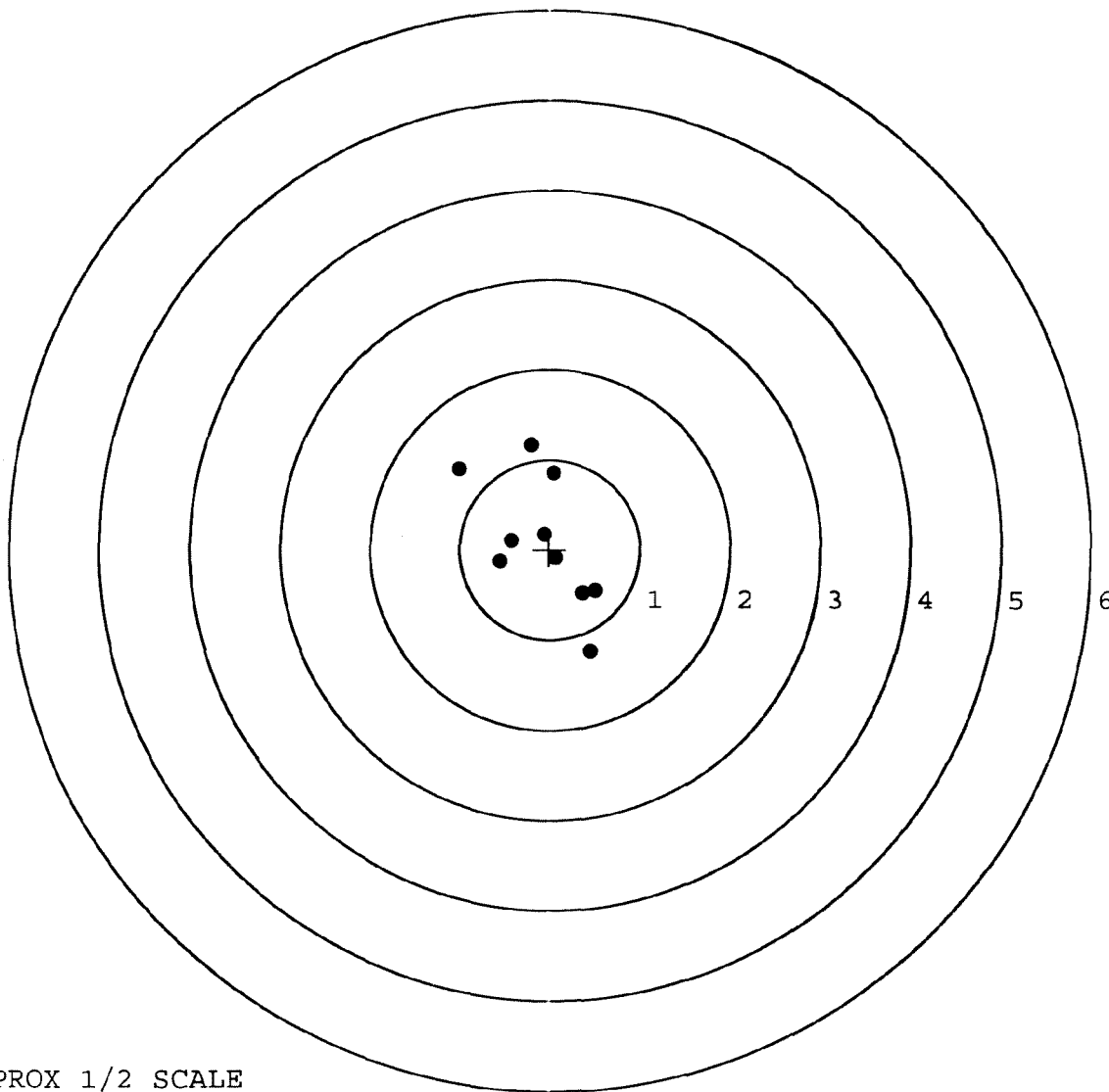
MAX RADIUS: 1.329

MEAN RADIUS: 0.715

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R&D NUMBER

144395

SERIAL NUMBER

126413474

LOG-IN DATE

4-14-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-17-08	RTZ
505	RE-BARREL	4-22-08	RTZ
560	ASSEMBLE	4-22-08	RTZ
600	PROOF	4-22-08	TRW
605	CHECK HEADSPACE	4-22-08	TRW
610	DIS-ASSEMBLE GUN	4-22-08	RTZ
612	MAGNAFLUX	4/24/08	WMS
510	DRILL AND TAP	4-22-08	TRW
615	ROLLMARK CALIBER	4-23-08	CW
618	ROTO-BLAST	4-24-08	DG
620	APPLY COATINGS	4-28-08	WMS
625	FINAL ASSEMBLY	5-7-08	RTZ
640	FUNCTION TEST AND	5-6-08	RTZ
650	TARGET	5-6-08	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION A) HEADSPACE	5-6-08	RP
		5-7-08	RTZ
	B) TRIGGER PULL	2.41 2.24 2.19 2.32 2.74	5/7/08
680	F) SAFETY ON FORCE	8° 8° 8°	5-7-08
	G) SAFETY OFF FORCE	3° 3° 3°	5-7-08
	I) FIRING PIN INDENT	021 021 021	5-7-08
690	PACK	5/8/08	FM

start
 Internet Explorer - Microsoft...
 Calendar - Micro...
 Shot Show - M...
 Arms Services R...

8:06 AM

RE00061099

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413469.___0
FILE DATE AND TIME: 03/07/2003 15:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

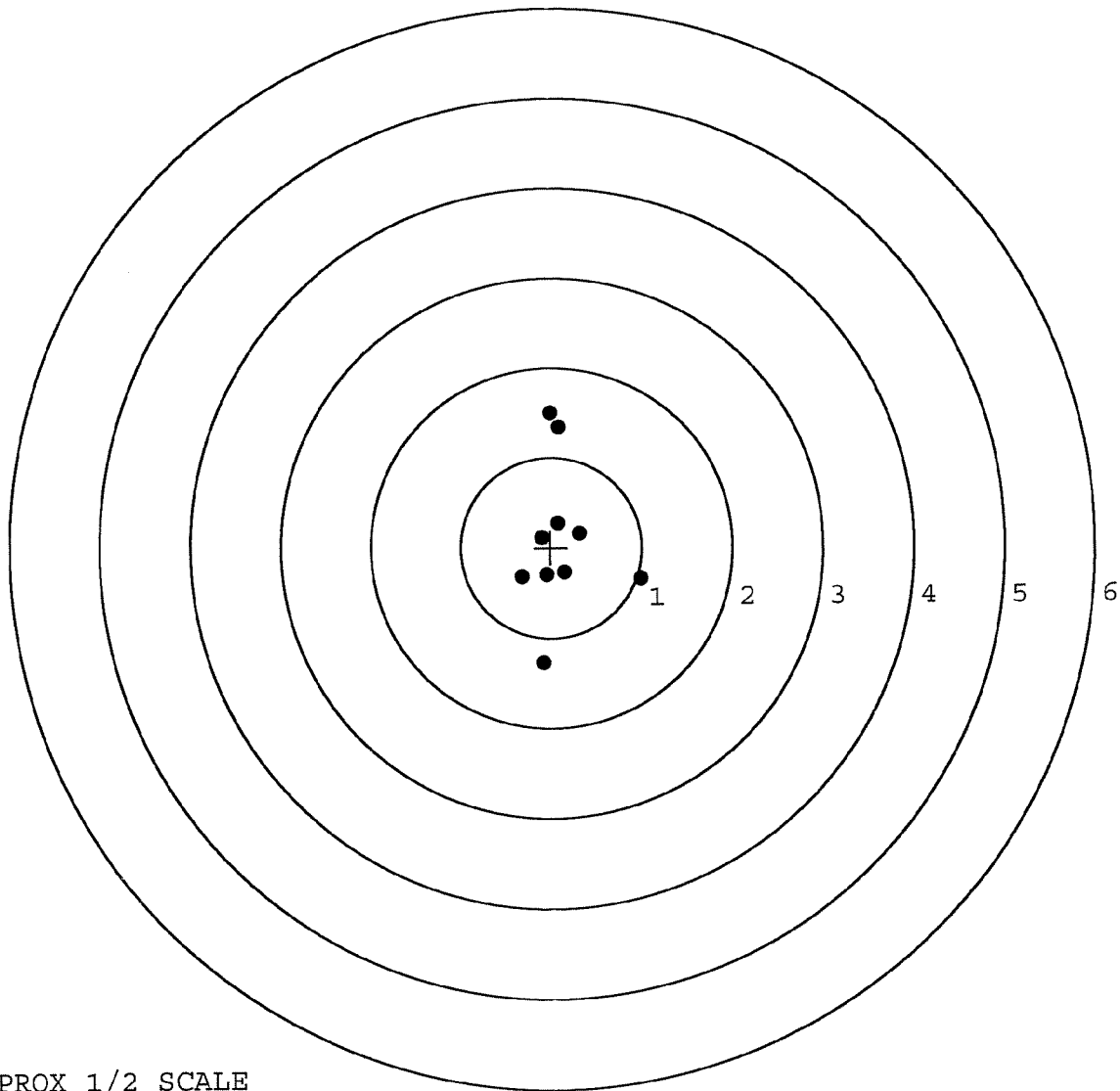
The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.063
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.136
The Distance from Centroid Target #2 to Centroid Target #1:	0.167
The Distance from Centroid Target #3 to Centroid Target #1:	0.347
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.202

BARBER - M24 0120142

SERIAL NUMBER: E6413469. __0
 TARGET NUMBER: 1
 FILE DATE: 03/07/2003
 FILE TIME: 15:04

POINT#	X	Y
1:	0.991	-0.351
2:	-0.091	-1.281
3:	-0.323	-0.326
4:	0.148	-0.277
5:	-0.049	-0.300
6:	-0.104	0.111
7:	0.086	0.269
8:	0.316	0.155
9:	0.097	1.335
10:	0.004	1.497

X CENTROID: 0.107
 Y CENTROID: 0.083
 POA TO CENTROID: 0.136
 HORZ SPREAD: 1.314
 VERT SPREAD: 2.778
 GROUP SPREAD: 2.780
 MIN RADIUS: 0.187
 MAX RADIUS: 1.418
 MEAN RADIUS: 0.702
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120143

SERIAL NUMBER: E6413469. 0

TARGET NUMBER: 2

FILE DATE: 03/07/2003

FILE TIME: 15:04

POINT#	X	Y
1:	-0.783	1.145
2:	-0.250	0.926
3:	-0.028	0.283
4:	-0.477	0.149
5:	-0.525	-0.121
6:	-0.036	-0.630
7:	0.267	-0.181
8:	0.676	0.087
9:	0.461	0.213
10:	0.461	0.004

X CENTROID: -0.023

Y CENTROID: 0.188

POA TO CENTROID: 0.189

HORZ SPREAD: 1.459

VERT SPREAD: 1.775

GROUP SPREAD: 1.926

MIN RADIUS: 0.096

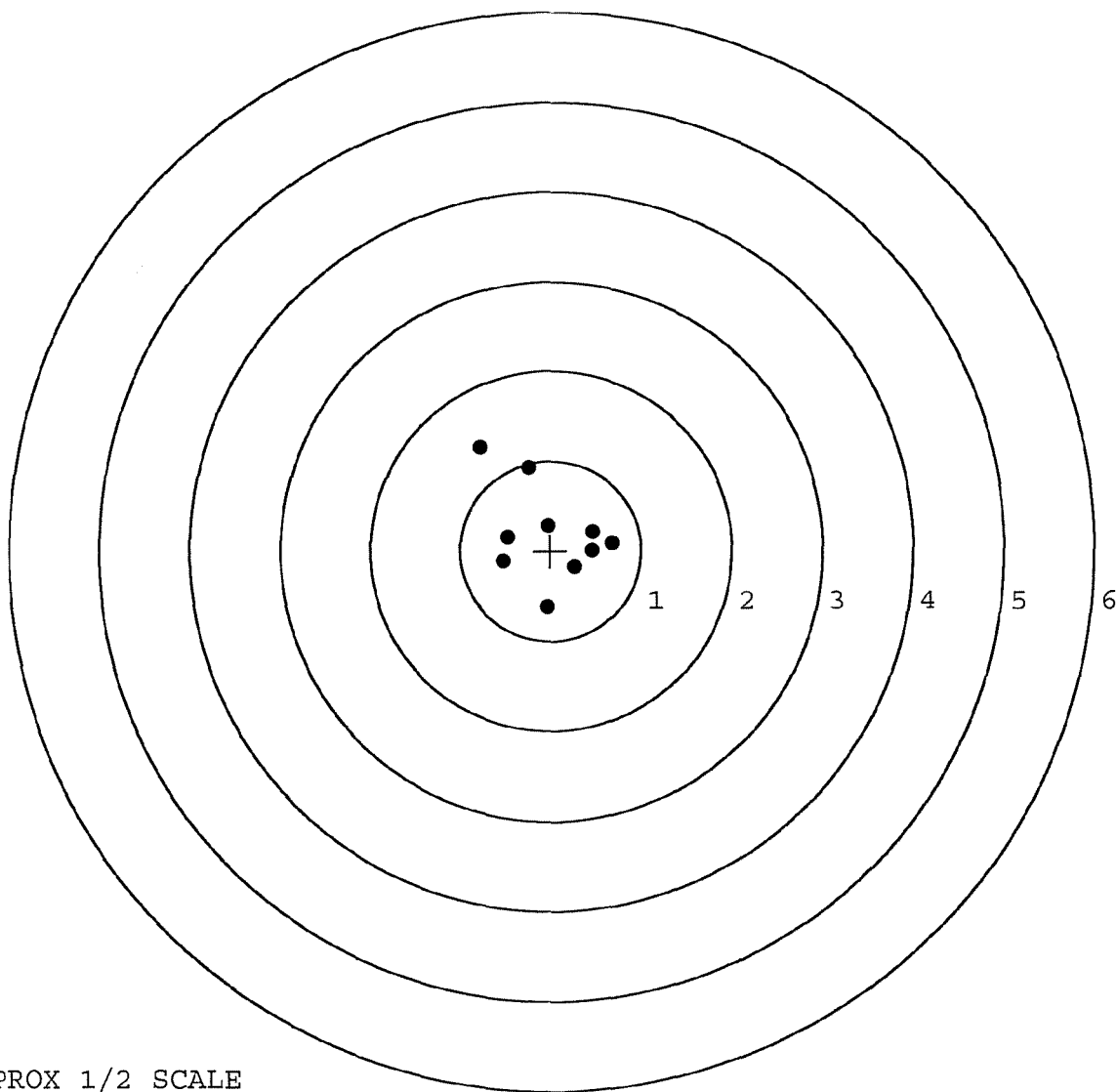
MAX RADIUS: 1.222

MEAN RADIUS: 0.613

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

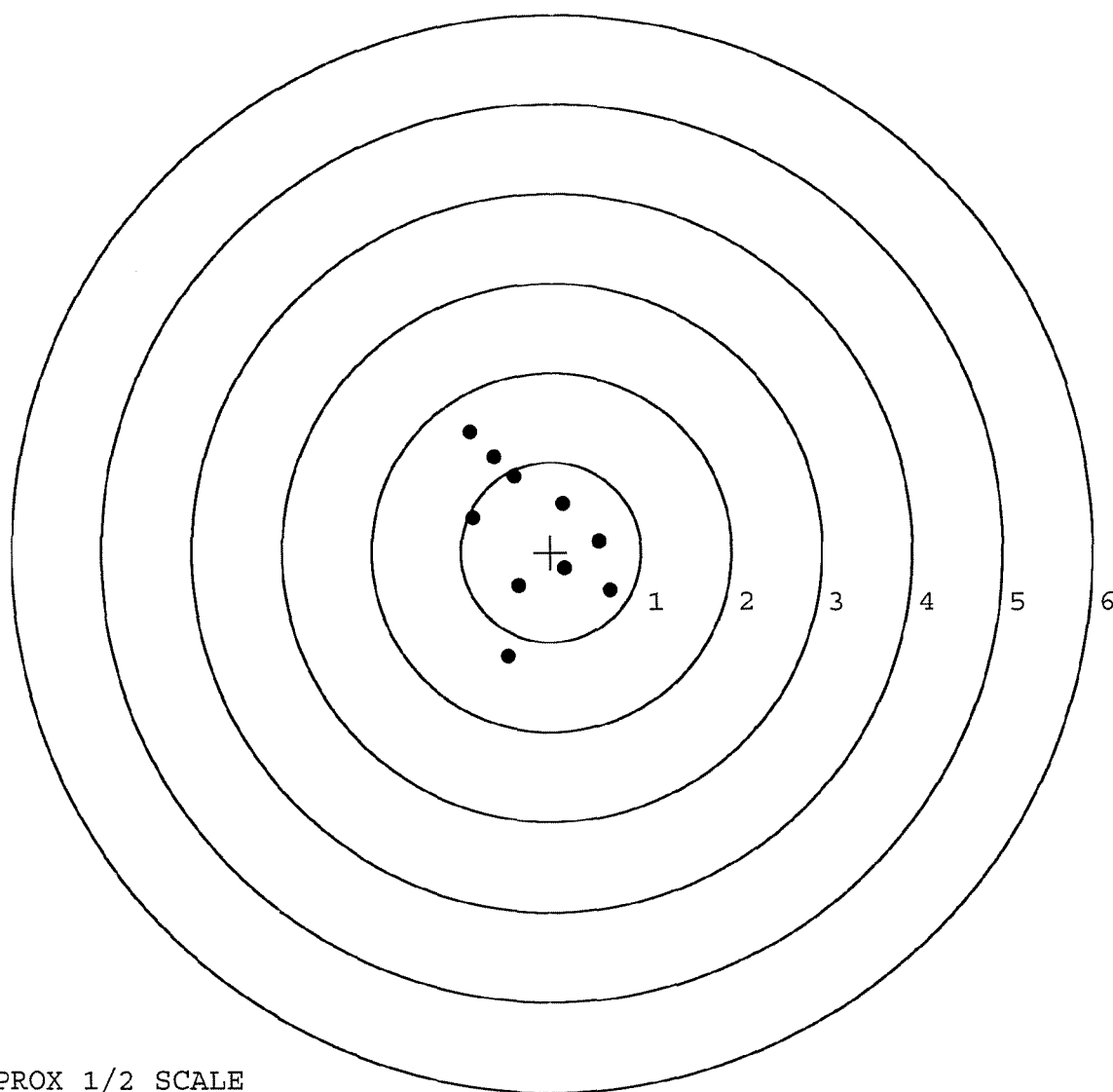
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120144

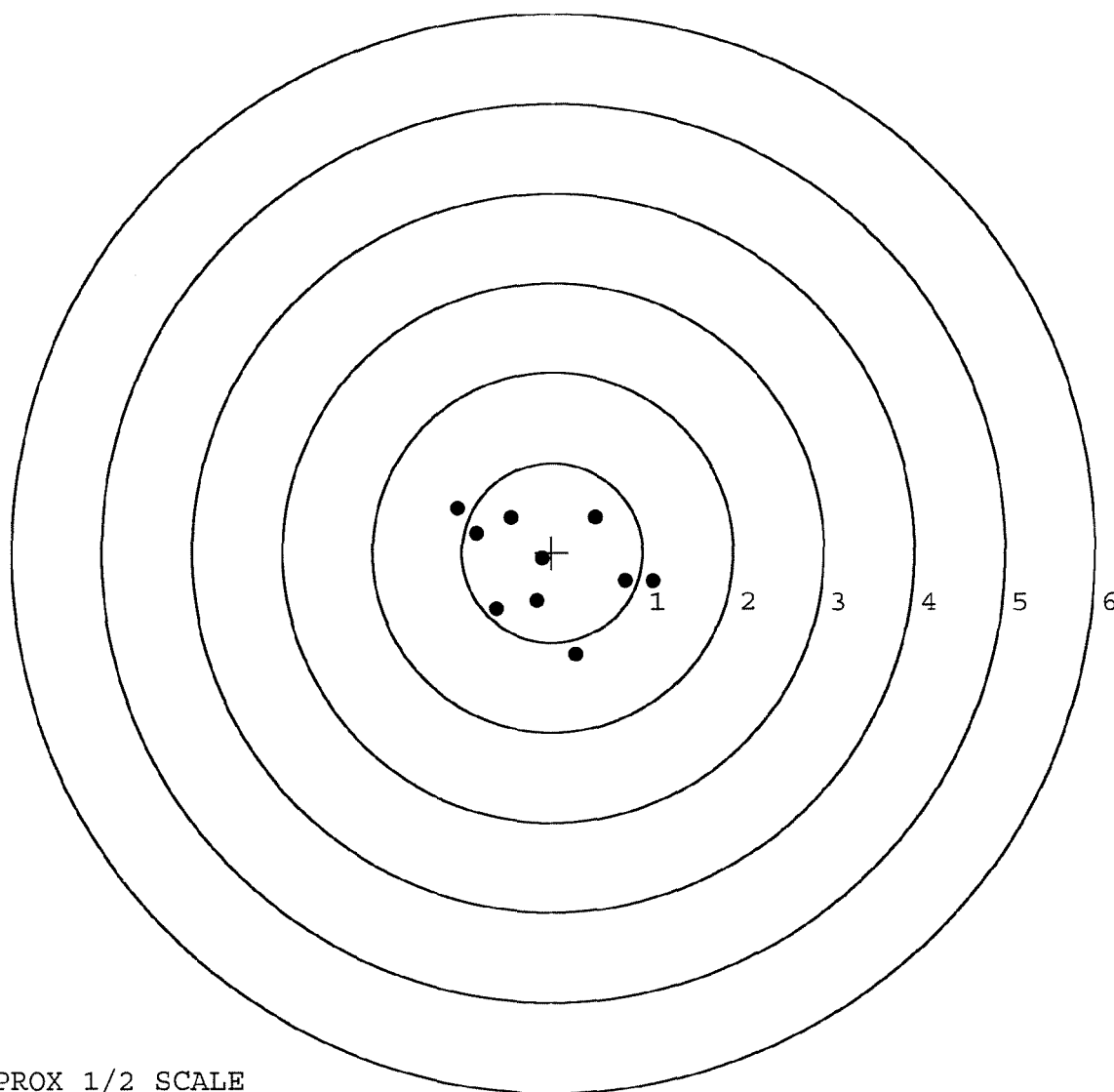
SERIAL NUMBER: E6413469. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.471	-1.169
FILE DATE: 03/07/2003	2:	-0.355	-0.375
FILE TIME: 15:04	3:	0.156	-0.185
	4:	0.538	0.125
X CENTROID: -0.216	5:	0.659	-0.423
Y CENTROID: 0.210	6:	0.138	0.539
POA TO CENTROID: 0.301	7:	-0.869	0.376
HORZ SPREAD: 1.561	8:	-0.412	0.835
VERT SPREAD: 2.501	9:	-0.638	1.050
GROUP SPREAD: 2.538	10:	-0.902	1.332
MIN RADIUS: 0.483			
MAX RADIUS: 1.403			
MEAN RADIUS: 0.845			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0120145

SERIAL NUMBER: E6413469. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	1.119	-0.325
FILE DATE: 03/07/2003	2:	0.807	-0.314
FILE TIME: 15:04	3:	0.268	-1.146
	4:	-0.619	-0.639
X CENTROID: -0.058	5:	-0.170	-0.545
Y CENTROID: -0.156	6:	-0.110	-0.068
POA TO CENTROID: 0.167	7:	0.474	0.392
HORZ SPREAD: 2.166	8:	-0.460	0.386
VERT SPREAD: 1.635	9:	-0.842	0.209
GROUP SPREAD: 2.314	10:	-1.047	0.489
MIN RADIUS: 0.102			
MAX RADIUS: 1.189			
MEAN RADIUS: 0.784			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0120146

SERIAL NUMBER: E6413469. 0

TARGET NUMBER: 5

FILE DATE: 03/07/2003

FILE TIME: 15:04

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

1:	0.674	0.223
----	-------	-------

2:	0.424	-0.279
----	-------	--------

3:	0.232	-0.238
----	-------	--------

4:	-0.005	-0.964
----	--------	--------

5:	-0.740	-0.883
----	--------	--------

6:	-0.339	-0.141
----	--------	--------

7:	-0.385	0.221
----	--------	-------

8:	0.133	0.304
----	-------	-------

9:	0.249	0.678
----	-------	-------

10:	-0.948	0.964
-----	--------	-------

X CENTROID: -0.070

Y CENTROID: -0.012

POA TO CENTROID: 0.071

HORZ SPREAD: 1.622

VERT SPREAD: 1.928

GROUP SPREAD: 2.146

MIN RADIUS: 0.298

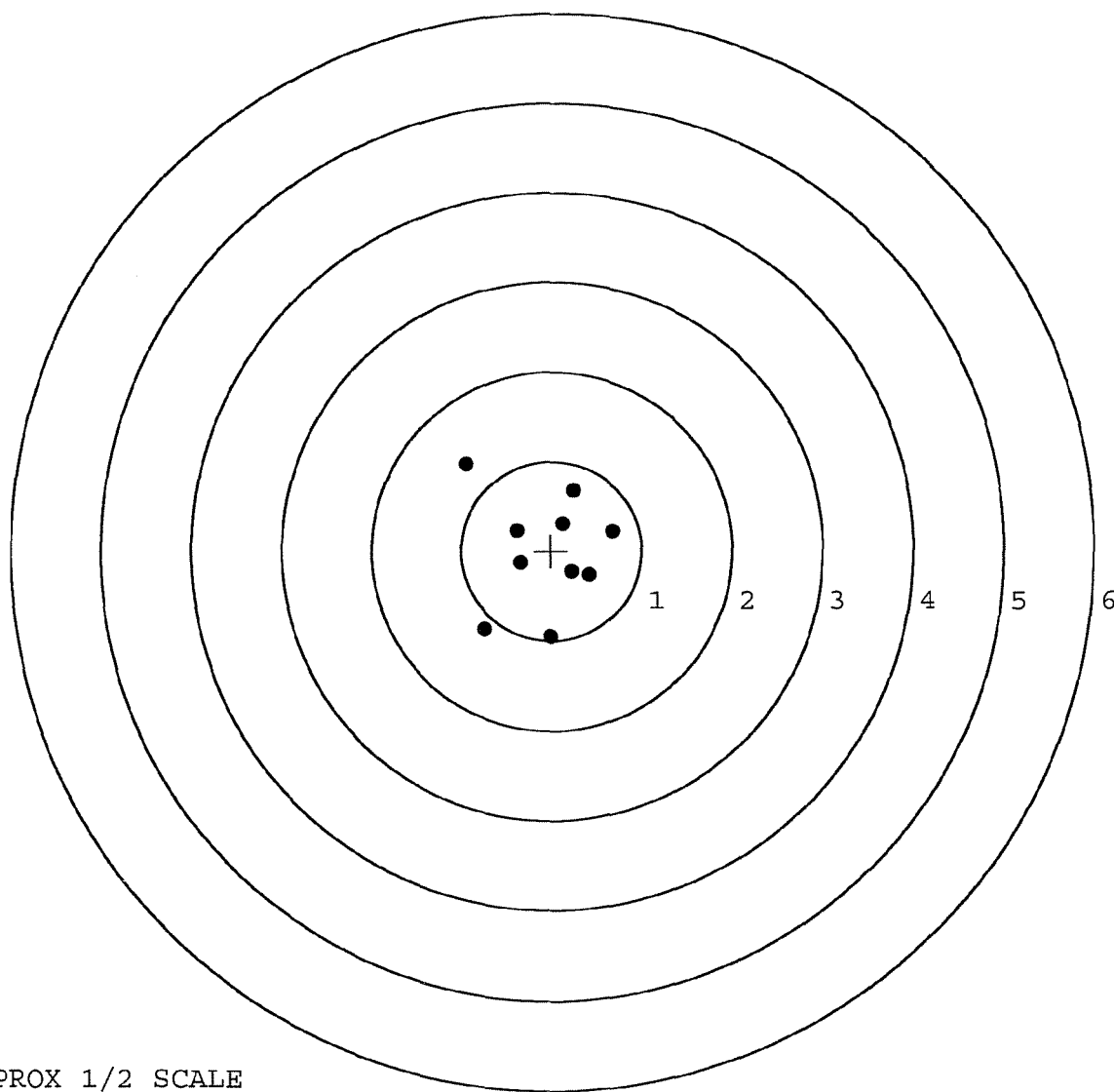
MAX RADIUS: 1.312

MEAN RADIUS: 0.691

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL # E643469 (New) INSPECTED BY: RTL

DATE REC'D: 2-5-03 DATE RET'D: 3-10-03

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:

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.43		2.66	MIN. SETTING,
PULL #2	2.54	2.74		2.31	NO AVG. OF 5
PULL #3	2.61	2.63		2.77	READINGS ACCEPT-
PULL #4	2.60	2.68		2.43	ABLE LESS THAN 2
PULL #5	2.66	2.72		2.71	
TOTAL	13.06	13.20		12.88	
AVG.	2.61	2.64		2.57	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.26		
PULL #2	3.47	3.11		
PULL #3	3.22	3.21		
PULL #4	3.42	3.37		
PULL #5	3.35	3.18		
TOTAL	16.68	16.13		
AVG.	3.33	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# .80 TARGET & ACCUF.
PULL #1	4.38	4.13		4.06
PULL #2	4.36	4.24		4.03
PULL #3	4.13	4.04		4.15
PULL #4	4.05	4.15		4.16
PULL #5	4.04	3.94		4.32
TOTAL	20.96	20.50		20.72
AVG.	4.19	4.10		4.14

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

R & E NUMBER	61099		
SERIAL NUMBER	C6522141 - E6413469		
LOG-IN DATE	2/5/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/7/03	RW
560 A	RE-BARREL		
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	RTL
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX	2-19-03	
615	ROLLMARK CALIBER	2-26-03	
618	ROTO-BLAST	3-3	
620	APPLY COATINGS	3-5-03	RW
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-6-03	TRW
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-10-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		