

G 652 1382
Replaced
E 6413452

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: RE00111256

Serial: G6521382 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/19/2006 12:04:03 PM

Address Information

Customer:

Received From

Return To

Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

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
A028	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2

Repair Search

Refresh

Close

naglej

4/20/2006

7:31 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...



7:31 AM

G6521382

Model: M24 SWS



RE00111256

R & E NUMBER	111256		
SERIAL NUMBER	G6521382		
LOG-IN DATE	4-19-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN		
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	5-1-06	RTZ
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
510	DRILL AND TAP		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	PASS FAIL	5-4-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-23-06 RTZ
	A) HEADSPACE	PASS FAIL	5-23-06 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.48 2.62 2.74 2.76 2.77 RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.9 7.9 6.35 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	3.9 3.9 3.9 RTZ
	I) FIRING PIN INDENT	.020	.023 .022 .023 RTZ
690	PACK		5-25-06 RTZ

F6521382
 Serial Number: ~~E6413452~~

Model: M24 SWS



RE00104576

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

10-11-05

TESTER

SK

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.57	2.47	2.55	
PULL #2	2.54	2.59	2.52	
PULL #3	2.60	2.59	2.57	
PULL #4	2.50	2.42	2.61	
PULL #5	2.63	2.64	2.65	
TOTAL	12.84	12.71	12.90	
AVERAGE	2.57	2.54	2.58	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.20	
PULL #2	3.13	3.27	
PULL #3	3.01	3.09	
PULL #4	3.16	3.13	
PULL #5	3.20	3.01	
TOTAL	15.65	15.70	
AVERAGE	3.13	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	4.25	3.91		3.96
PULL #2	4.23	4.10		4.07
PULL #3	4.15	4.10		4.25
PULL #4	4.13	4.19		4.26
PULL #5	4.13	4.19		4.25
TOTAL	20.89	20.49		20.79
AVERAGE	4.18	4.10		4.16

W 5 G Y C 39

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521382.___0

FILE DATE AND TIME: 12/14/2005 13:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

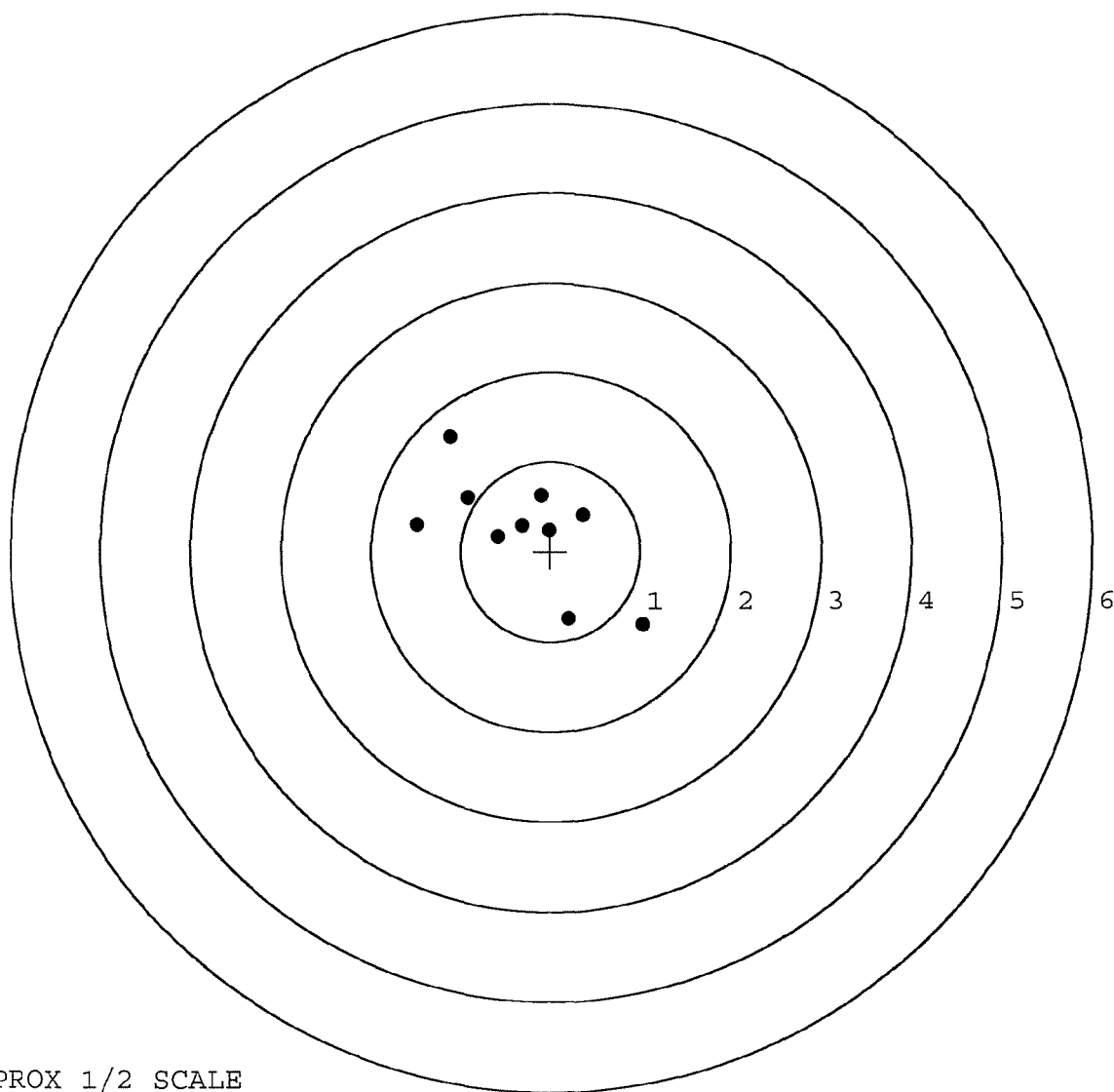
The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	0.115
The Average Point of Impact of the Five Target Set:	0.116
The Average Mean Radius of the Five Target Set:	0.776
The Distance from POA to Centroid Target #1:	0.375
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.338
The Distance from Centroid Target #4 to Centroid Target #1:	0.502
The Distance from Centroid Target #5 to Centroid Target #1:	0.517

BARBER - M24 0100083

SERIAL NUMBER: G6521382. 0
 TARGET NUMBER: 1
 FILE DATE: 12/14/2005
 FILE TIME: 13:01

POINT#	X	Y
1:	1.029	-0.818
2:	0.204	-0.749
3:	0.361	0.407
4:	-0.101	0.621
5:	-0.011	0.234
6:	-0.315	0.289
7:	-0.587	0.167
8:	-0.922	0.605
9:	-1.492	0.294
10:	-1.114	1.272

X CENTROID: -0.295
 Y CENTROID: 0.232
 POA TO CENTROID: 0.375
 HORZ SPREAD: 2.521
 VERT SPREAD: 2.090
 GROUP SPREAD: 2.993
 MIN RADIUS: 0.060
 MAX RADIUS: 1.690
 MEAN RADIUS: 0.780
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0100084

SERIAL NUMBER: G6521382.____0

TARGET NUMBER: 2

FILE DATE: 12/14/2005

FILE TIME: 13:01

POINT#	X	Y
1:	0.986	-0.557
2:	0.722	-0.029
3:	-0.201	-1.316
4:	-0.394	-0.954
5:	-0.224	-0.613
6:	-0.515	0.019
7:	-0.258	0.589
8:	-0.521	1.095
9:	-0.845	0.956
10:	0.323	1.950

X CENTROID: -0.093

Y CENTROID: 0.114

POA TO CENTROID: 0.147

HORZ SPREAD: 1.831

VERT SPREAD: 3.266

GROUP SPREAD: 3.308

MIN RADIUS: 0.433

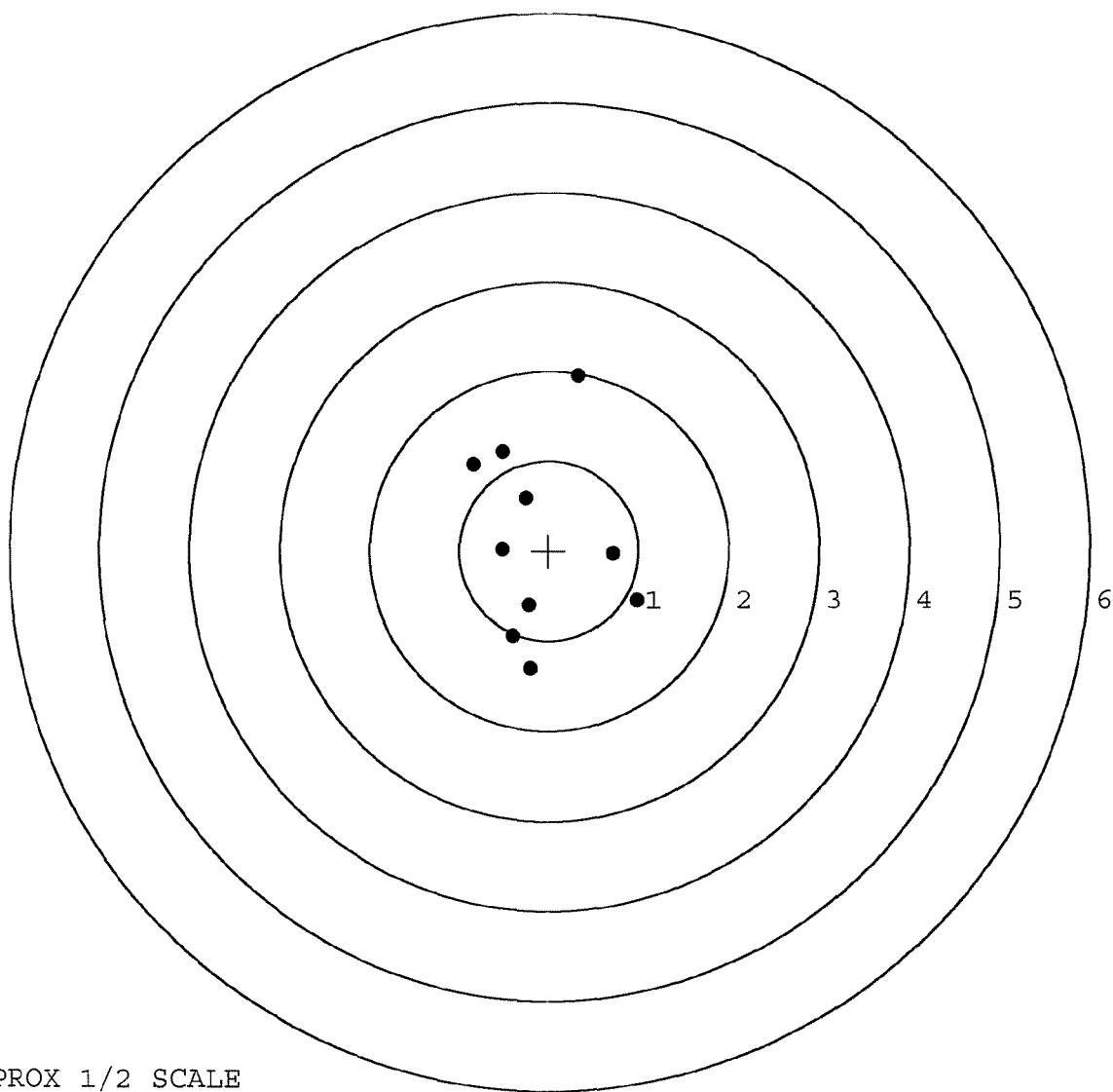
MAX RADIUS: 1.882

MEAN RADIUS: 1.040

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



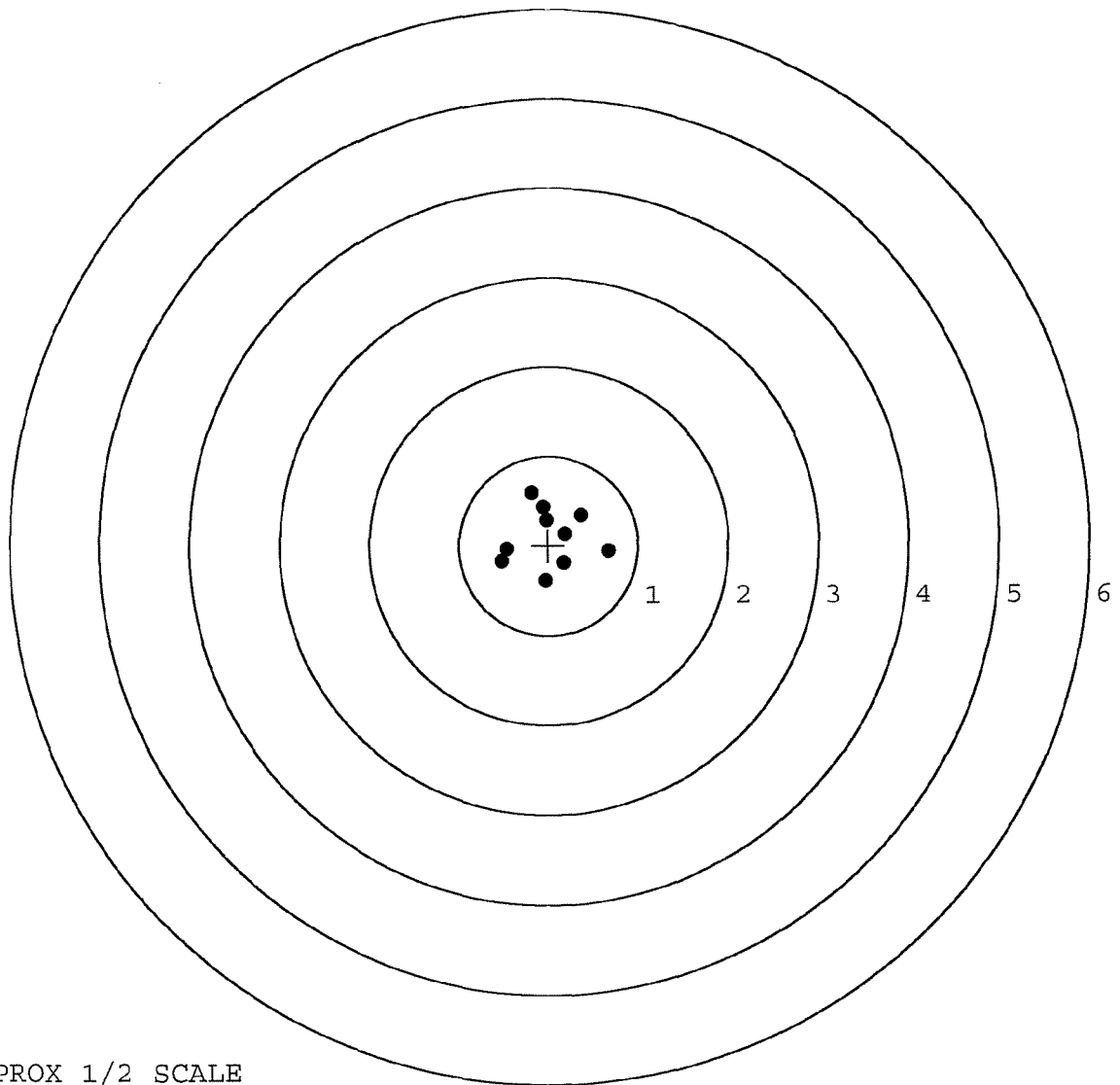
TARGET APPROX 1/2 SCALE

BARBER - M24 0100085

SERIAL NUMBER: G6521382. __0
 TARGET NUMBER: 3
 FILE DATE: 12/14/2005
 FILE TIME: 13:01

POINT#	X	Y
1:	0.678	-0.061
2:	-0.029	-0.399
3:	0.177	-0.198
4:	-0.521	-0.178
5:	-0.463	-0.041
6:	0.362	0.341
7:	0.186	0.128
8:	-0.025	0.283
9:	-0.188	0.587
10:	-0.063	0.430

X CENTROID: 0.011
 Y CENTROID: 0.089
 POA TO CENTROID: 0.090
 HORZ SPREAD: 1.199
 VERT SPREAD: 0.986
 GROUP SPREAD: 1.205
 MIN RADIUS: 0.179
 MAX RADIUS: 0.683
 MEAN RADIUS: 0.429
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100086

SERIAL NUMBER: G6521382. 0

TARGET NUMBER: 4

FILE DATE: 12/14/2005

FILE TIME: 13:01

POINT#	X	Y
1:	0.990	0.139
2:	0.756	-0.791
3:	0.460	-0.258
4:	0.015	-0.739
5:	0.421	0.284
6:	0.381	0.955
7:	0.096	1.038
8:	-0.377	0.370
9:	-0.596	-0.194
10:	-0.518	-0.556

X CENTROID: 0.163

Y CENTROID: 0.025

POA TO CENTROID: 0.165

HORZ SPREAD: 1.586

VERT SPREAD: 1.829

GROUP SPREAD: 1.944

MIN RADIUS: 0.366

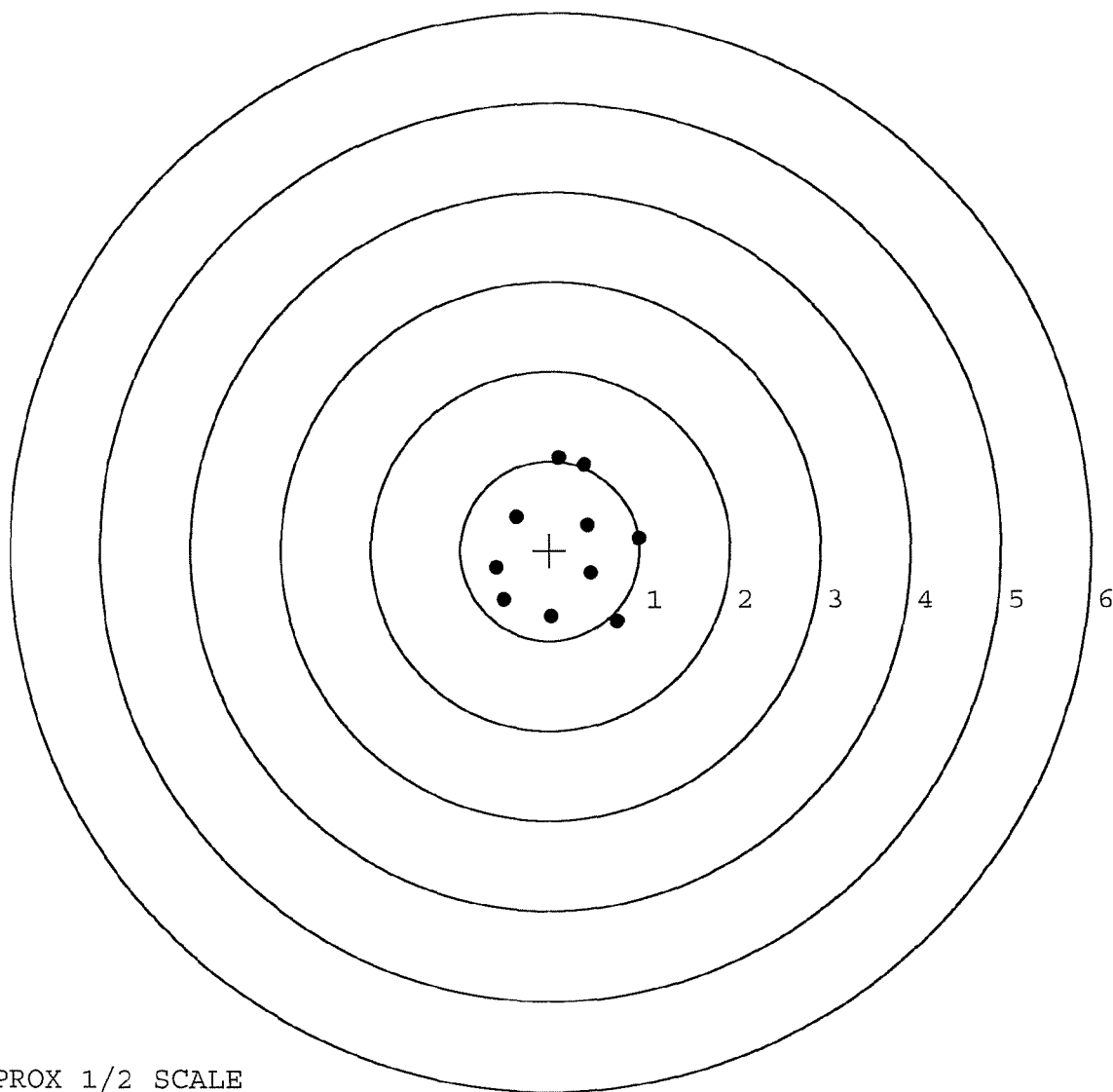
MAX RADIUS: 1.015

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100087

SERIAL NUMBER: G6521382. __0

TARGET NUMBER: 5

FILE DATE: 12/14/2005

FILE TIME: 13:01

POINT#	X	Y
1:	0.845	-1.195
2:	0.957	0.231
3:	0.927	-0.029
4:	0.763	0.009
5:	0.339	0.148
6:	-0.463	-0.411
7:	-0.522	-0.099
8:	-0.551	0.298
9:	-0.845	0.997
10:	0.642	1.224

X CENTROID: 0.209

Y CENTROID: 0.117

POA TO CENTROID: 0.240

HORZ SPREAD: 1.802

VERT SPREAD: 2.419

GROUP SPREAD: 2.768

MIN RADIUS: 0.133

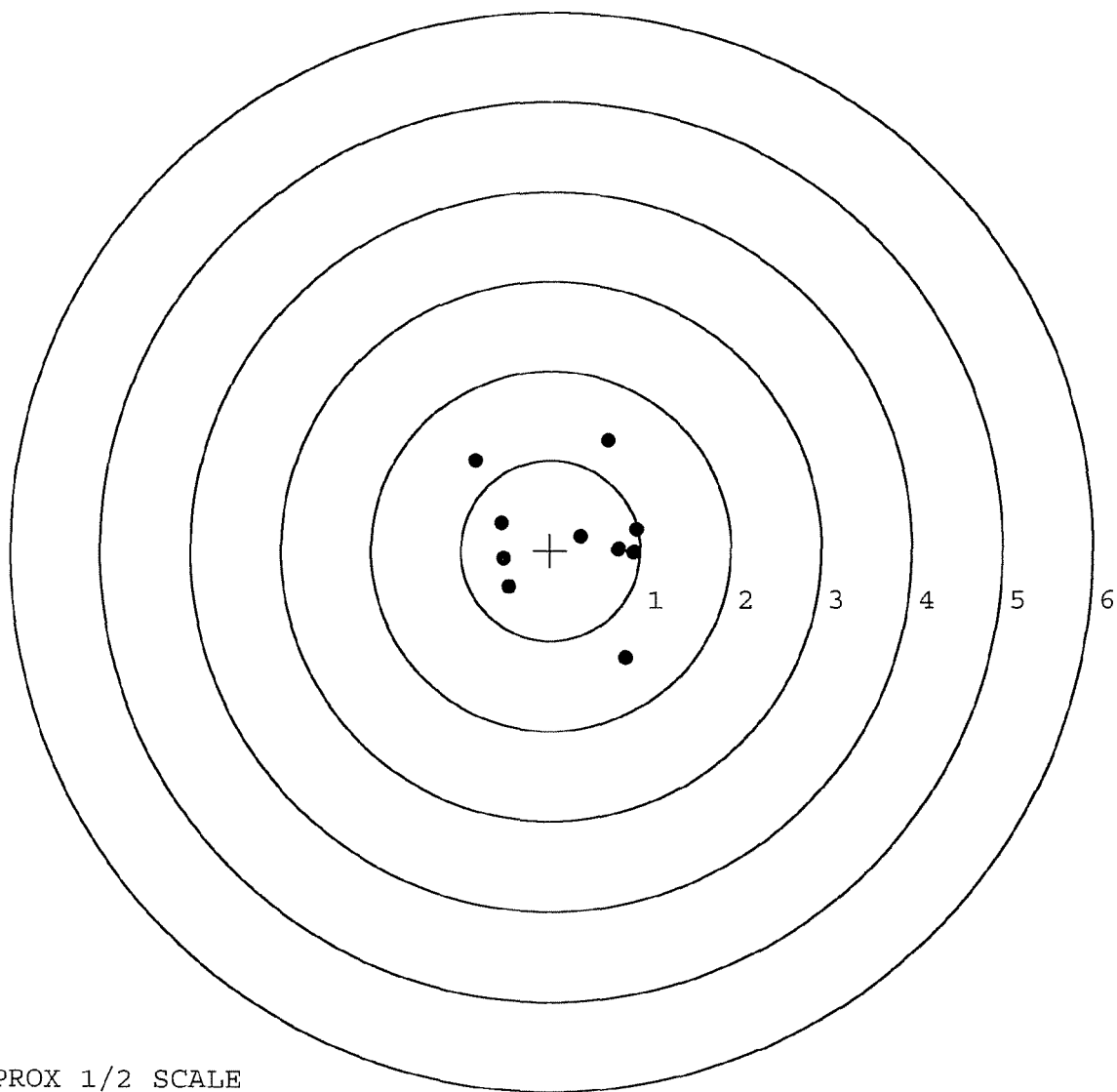
MAX RADIUS: 1.458

MEAN RADIUS: 0.861

IN 1 IN DIAMETER: 1

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 & E NUMBER	104576	Fort Benning		
SERIAL NUMBER	26413452	66521382		
LOG-IN DATE	12-5-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-6-05	AC
505	RE-BARREL		12-6-05	AC
560	ASSEMBLE		12-7-05	CD
600	PROOF	MAGNA-FLUX	12-7-05	CD
605	CHECK HEADSPACE	12-7-05	12-7-05	CD
610	DIS-ASSEMBLE GUN	12-7-05	12-7-05	CD
612	MAGNAFLUX	12/12/05	12/12/05	WWS
510	DRILL AND TAP		12-9-05	BR
615	ROLLMARK CALIBER		12-10-05	CW
618	ROTO-BLAST		12-12-05	LB
620	APPLY COATINGS		12/13/05	FB
625	FINAL ASSEMBLY		12-13-05	AC
640	FUNCTION TEST AND	PASS FAIL	12-14-05	TRW
650	TARGET	PASS FAIL	12-14-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	12-14-05	TRW
670	FINAL INSPECTION		12-14-05	
	A) HEADSPACE	PASS FAIL	12-14-05	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	204 2.02 2.25 2.37 2.45	AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lbs 6 lbs 6 lbs	
	G) SAFETY OFF FORCE	2 LBS MAX	3 lbs 3 lbs 3 lbs	
	I) FIRING PIN INDENT	.020	.021 .021 .021	
690	PACK		12/16/05	DA

Parts/Repairs 800-243-9700
Fax 336-548-7801

www.remington.com info@remington.com

REPAIR DOCUMENT

REPAIR DOCUMENT

Repair Order Number RE00057377 Account # - R-	Description/Serial Number C6225111 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)	Date Received - 12/12/2002 Estimate Date - Current Date - 12/13/2002
Customer USAIC DFEL SUPPLY DIV BLDG 490 FORT BENNING. GA 31905 US	Return To USAIC DFEL SUPPLY DIV BLDG 490 FORT BENNING. GA 31905 US	
Phone (H) Phone (W)	Fax Email	

Problems		Found
Reported M993	REFURBISH	

Technician's Comments	
Condition	REC'D IN HARD CASE W/ OTHER GUN.
New EL6413452	

Material #	Material I	Model: 700	ity (Y/N)
Total:		Serial Number: C6225111  RE00057377	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

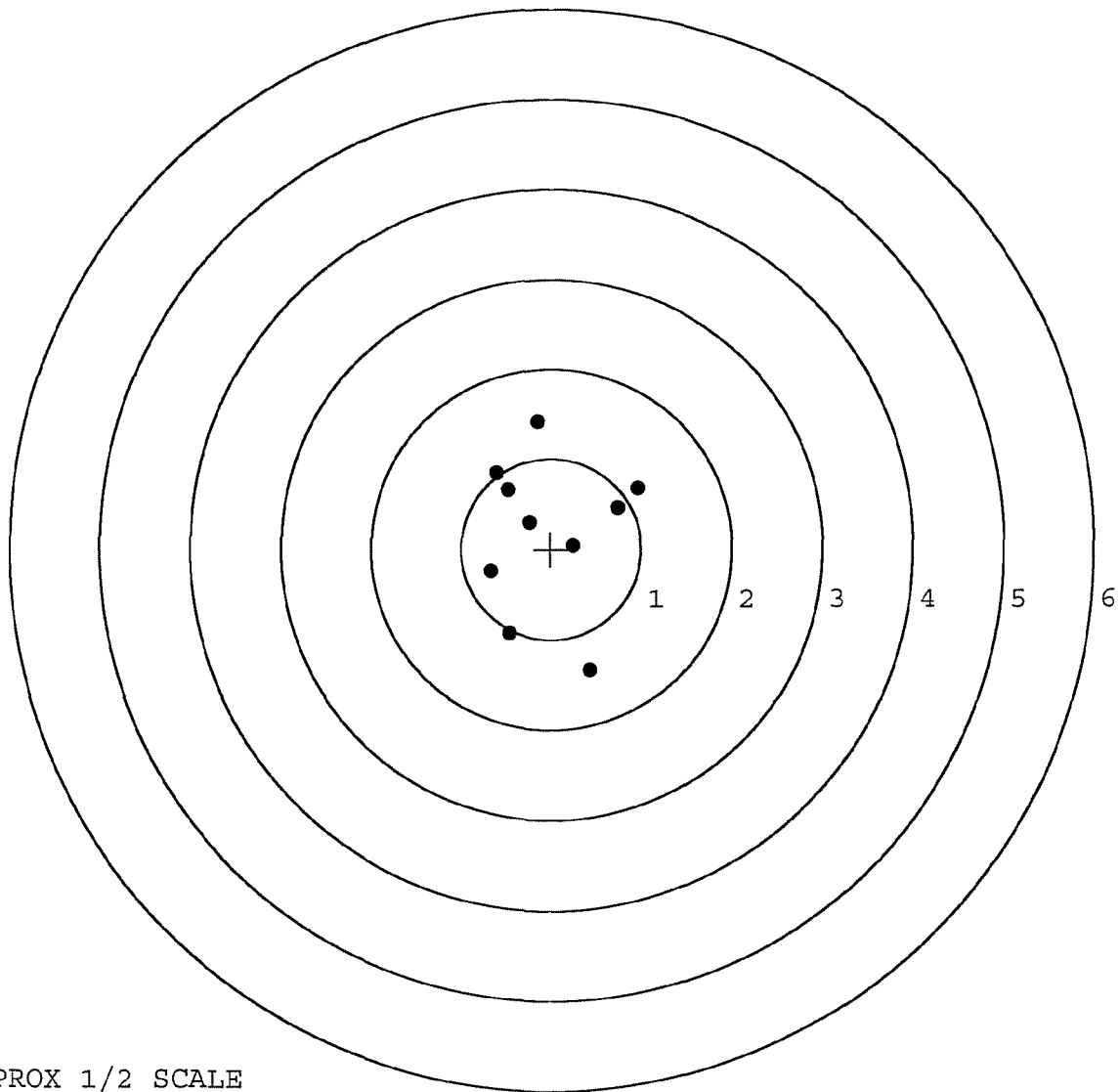
FIREARM SERIAL NUMBER / DATASET NAME: E6413452.___0
FILE DATE AND TIME: 01/16/2003 14:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.084
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.085
The Average Mean Radius of the Five Target Set:	0.772
The Distance from POA to Centroid Target #1:	0.185
The Distance from Centroid Target #2 to Centroid Target #1:	0.229
The Distance from Centroid Target #3 to Centroid Target #1:	0.430
The Distance from Centroid Target #4 to Centroid Target #1:	0.172
The Distance from Centroid Target #5 to Centroid Target #1:	0.142

BARBER - M24 0100091

SERIAL NUMBER: E6413452.____0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.434	-1.343
FILE DATE: 01/16/2003	2:	-0.461	-0.936
FILE TIME: 14:42	3:	-0.671	-0.247
	4:	-0.240	0.294
X CENTROID: -0.023	5:	0.248	0.042
Y CENTROID: 0.184	6:	0.744	0.455
POA TO CENTROID: 0.185	7:	0.963	0.671
HORZ SPREAD: 1.634	8:	-0.485	0.653
VERT SPREAD: 2.752	9:	-0.613	0.839
GROUP SPREAD: 2.814	10:	-0.153	1.409
MIN RADIUS: 0.243			
MAX RADIUS: 1.594			
MEAN RADIUS: 0.881			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0100092

SERIAL NUMBER: E6413452. __0

TARGET NUMBER: 2

FILE DATE: 01/16/2003

FILE TIME: 14:42

POINT#	X	Y
1:	0.202	-0.723
2:	0.120	-0.545
3:	-0.348	-0.459
4:	0.743	-0.260
5:	0.574	0.131
6:	0.503	0.390
7:	-0.671	0.305
8:	-1.336	0.025
9:	-0.425	1.060
10:	-0.047	-0.329

X CENTROID: -0.068

Y CENTROID: -0.041

POA TO CENTROID: 0.080

HORZ SPREAD: 2.079

VERT SPREAD: 1.783

GROUP SPREAD: 2.098

MIN RADIUS: 0.289

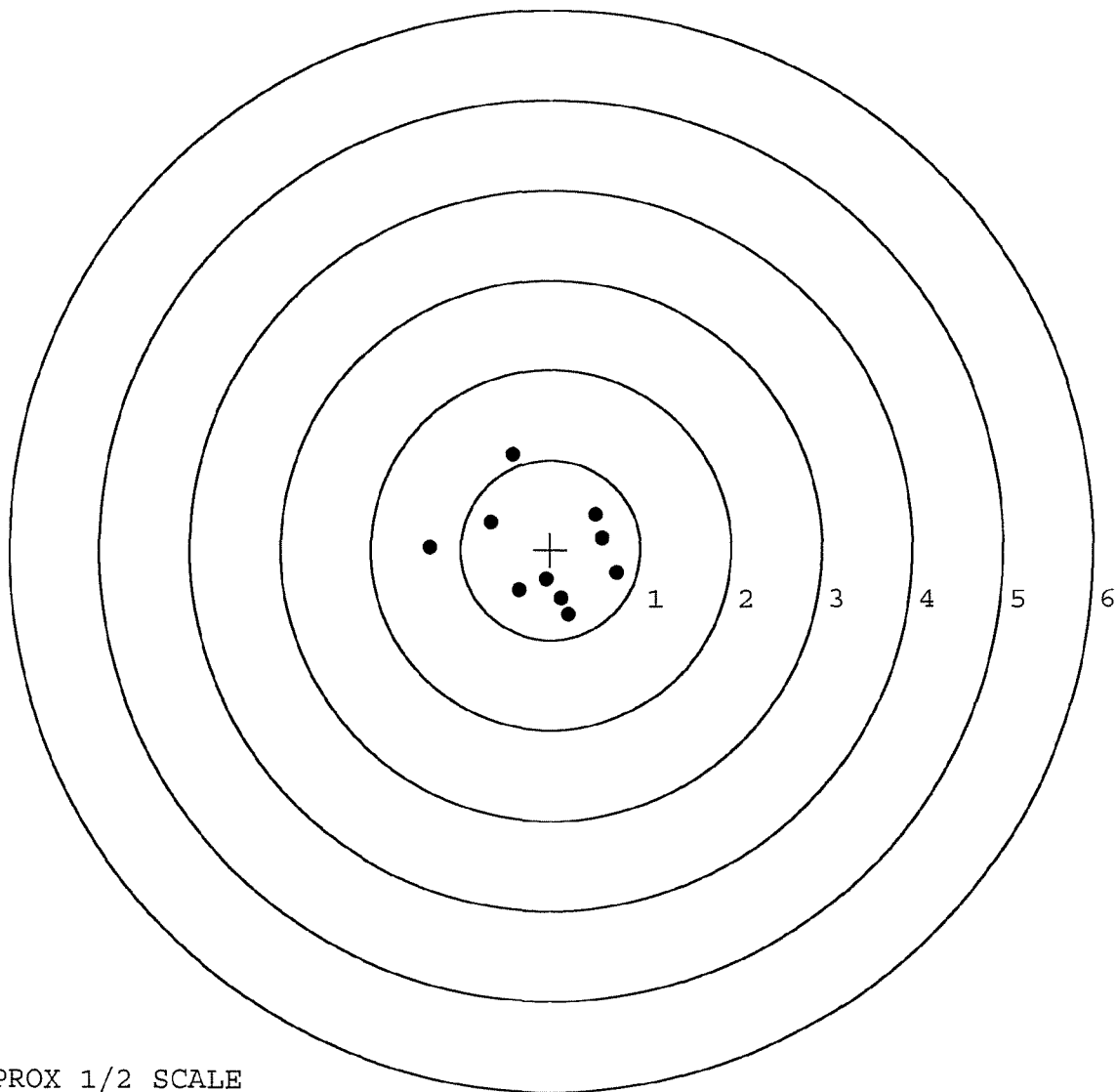
MAX RADIUS: 1.269

MEAN RADIUS: 0.741

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

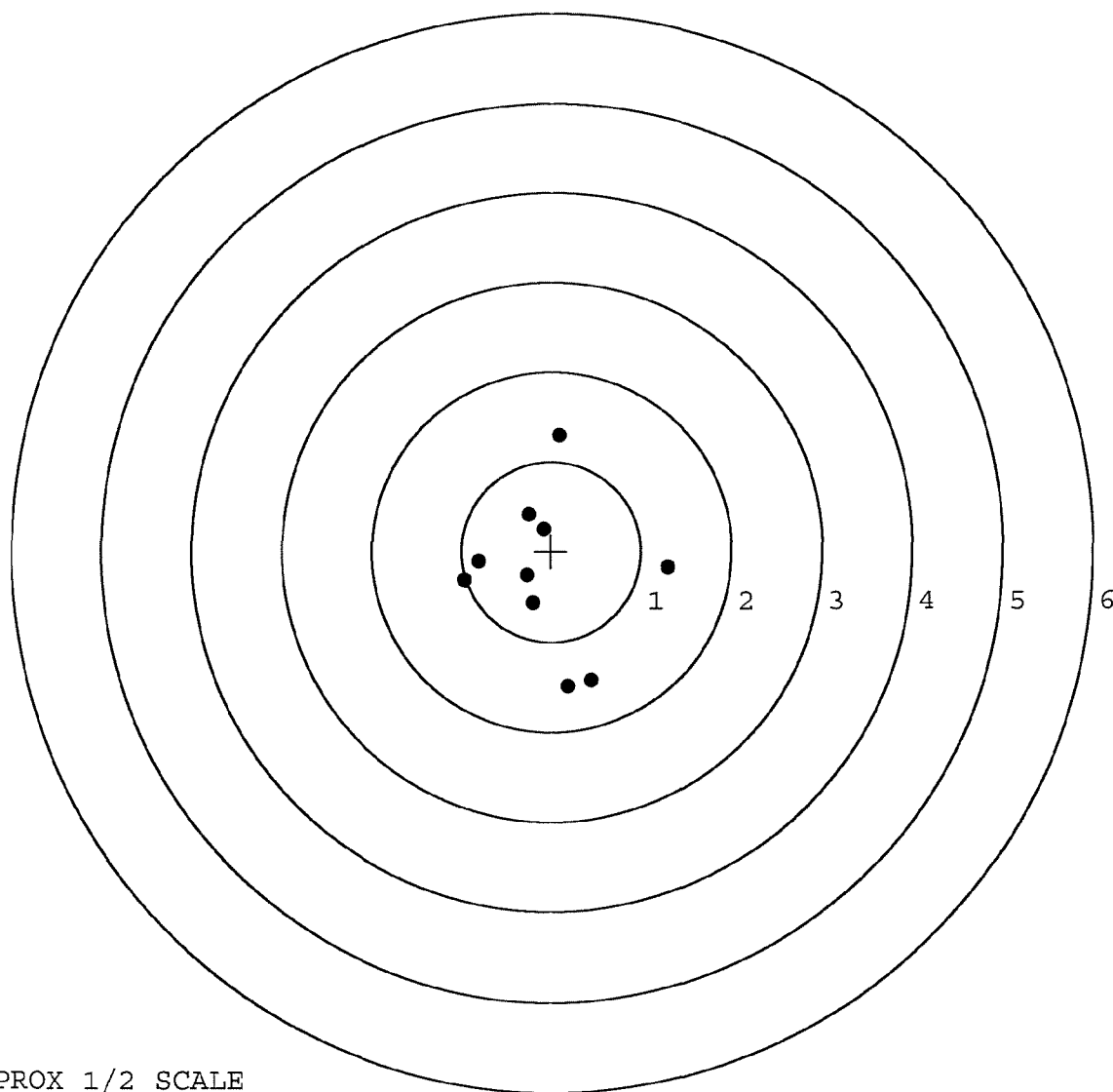
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100093

SERIAL NUMBER: E6413452.0	POINT#	X	Y
TARGET NUMBER: 3	1:	1.296	-0.183
FILE DATE: 01/16/2003	2:	0.447	-1.428
FILE TIME: 14:42	3:	0.190	-1.497
	4:	0.091	1.291
X CENTROID: -0.058	5:	-0.258	0.411
Y CENTROID: -0.245	6:	-0.090	0.242
POA TO CENTROID: 0.252	7:	-0.812	-0.117
HORZ SPREAD: 2.268	8:	-0.972	-0.321
VERT SPREAD: 2.788	9:	-0.269	-0.270
GROUP SPREAD: 2.790	10:	-0.202	-0.580
MIN RADIUS: 0.213			
MAX RADIUS: 1.543			
MEAN RADIUS: 0.889			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413452. __0

TARGET NUMBER: 4

FILE DATE: 01/16/2003

FILE TIME: 14:42

POINT#	X	Y
1:	0.595	-0.529
2:	-0.166	-0.594
3:	-0.368	-0.857
4:	0.664	0.295
5:	-0.073	0.147
6:	0.329	0.930
7:	0.097	0.683
8:	-0.653	0.429
9:	-0.779	0.049
10:	-0.784	-0.174

X CENTROID: -0.114

Y CENTROID: 0.038

POA TO CENTROID: 0.120

HORZ SPREAD: 1.448

VERT SPREAD: 1.787

GROUP SPREAD: 1.918

MIN RADIUS: 0.116

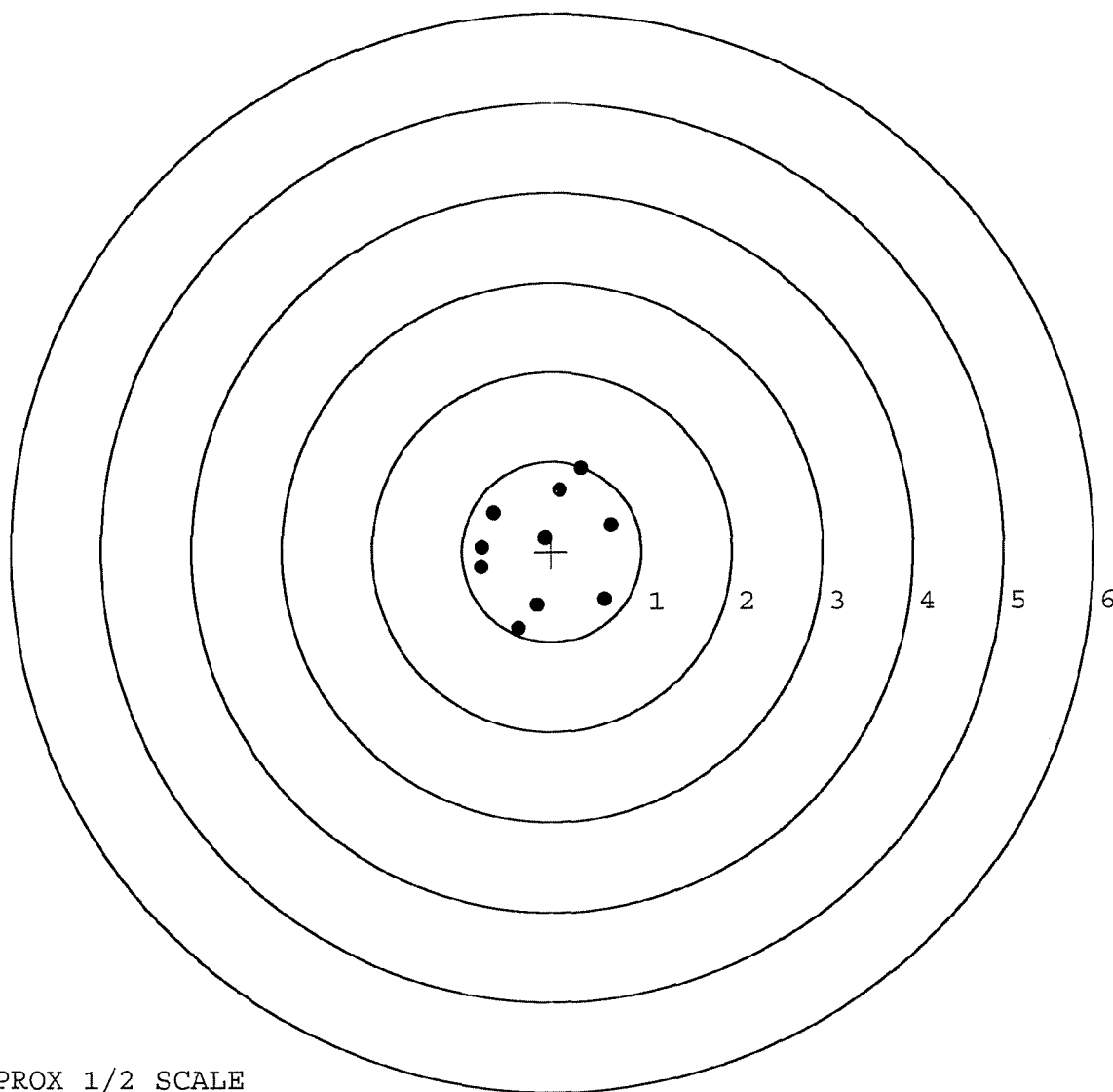
MAX RADIUS: 0.996

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100095

SERIAL NUMBER: E6413452. __0

TARGET NUMBER: 5

FILE DATE: 01/16/2003

FILE TIME: 14:42

POINT#	X	Y
1:	0.449	-0.424
2:	-1.496	-0.545
3:	0.674	0.262
4:	0.458	0.488
5:	0.014	0.448
6:	-0.332	0.407
7:	-0.418	1.026
8:	-0.185	-0.091
9:	-0.535	-0.370
10:	-0.192	0.126

X CENTROID: -0.156

Y CENTROID: 0.133

POA TO CENTROID: 0.205

HORZ SPREAD: 2.170

VERT SPREAD: 1.571

GROUP SPREAD: 2.315

MIN RADIUS: 0.036

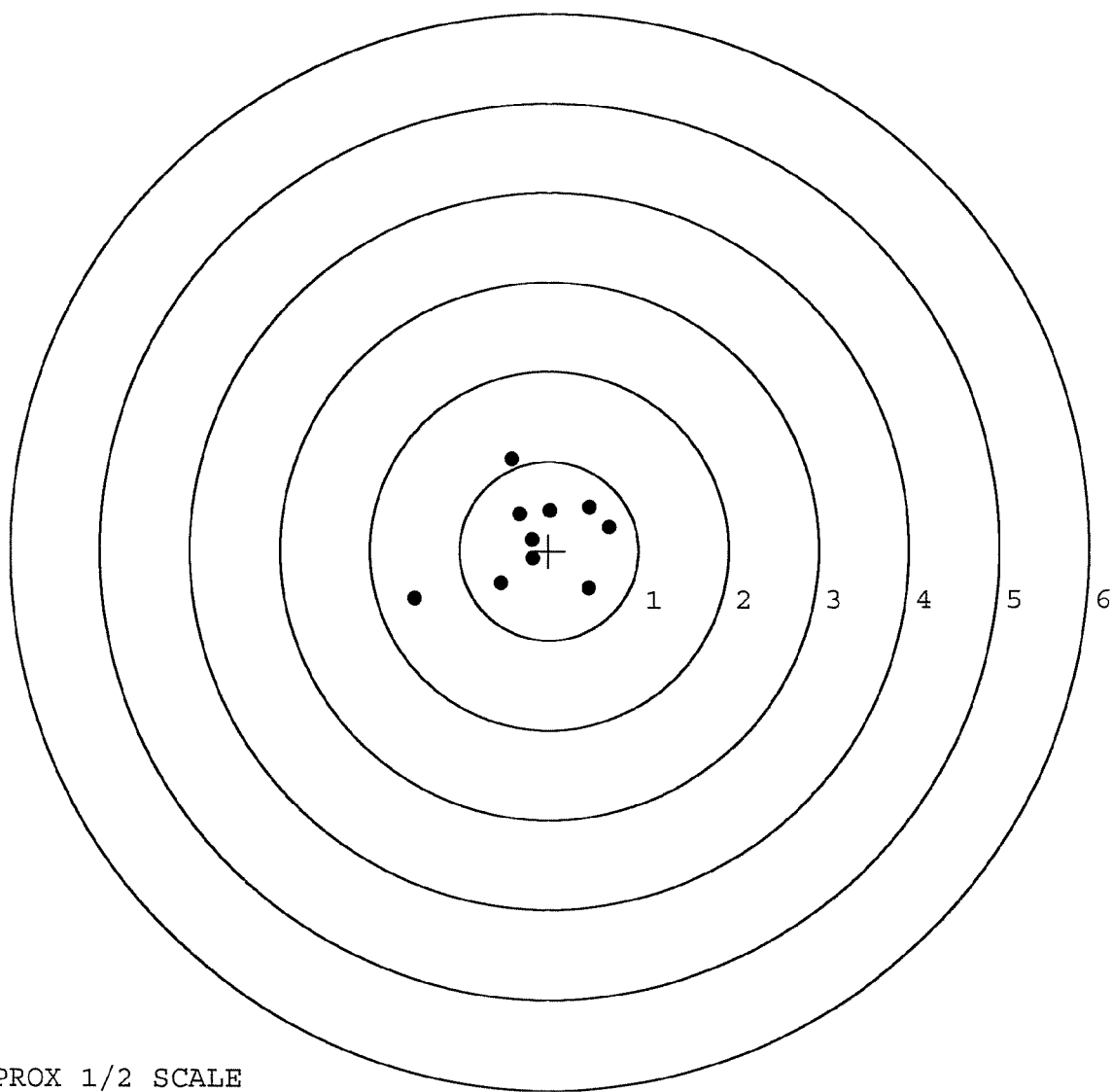
MAX RADIUS: 1.501

MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
BARBER-M24 0100096 TESTS

SERIAL NO. 1-02-03

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.20		2.19	MIN. SETTING
PULL #2	2.53	2.38		2.18	NO AVG. OF 5
PULL #3	2.57	2.43		2.11	READINGS ACCEPT
PULL #4	2.51	2.23		2.12	ABLE LESS THAN
PULL #5	2.47	2.22		2.13	
TOTAL	12.32	11.46		10.73	
AVG.	2.46	2.29		2.14	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.31		
PULL #2	3.22	3.18		
PULL #3	3.21	3.12		
PULL #4	3.44	3.17		
PULL #5	3.24	3.18		
TOTAL	16.53	15.96		
AVG.	3.30	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.35	4.17		4.01
PULL #2	4.41	4.06		4.06
PULL #3	4.30	4.16		4.10
PULL #4	4.29	4.10		4.13
PULL #5	4.27	4.05	1.1	4.15
TOTAL	21.62	20.54		20.45
AVG.	4.32	4.10		4.09

SERIAL # E6413452 INSPECTED BY: RTLDATE REC'D: 12-12-02 DATE RET'D: 1-16-03

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	12-12-02		
SERIAL NUMBER	E622511 E6413452		
LOG-IN DATE	12-12-02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-03	RTL
560 A	RE-BARREL	1-7-03	DA
B	DRILL AND TAP	1-7-03	TRW
575	ASSEMBLE	1-7-03	RL
600	PROOF	1-7-03	RW
605	CHECK HEADSPACE	1-7-03	RW
610	DIS-ASSEMBLE GUN	1-7-03	RW
612	MAGNAFLUX	1-8-03	JP
615	ROLLMARK CALIBER	1-7-03	RW
618	ROTO-BLAST	1-8-03	RL
620	APPLY COATINGS	1-10	TA
625 A	FINAL ASSEMBLY	1-14-03	RTL
B	TRIGGER PULL TEST	1-16-03	TRW
C	SAFETY "ON" FORCE	1-16-03	TRW
D	SAFETY "OFF" FORCE	1-16-03	TRW
E	FIRING PIN INDENT		
640	TARGET	1-15-03	TRW
655	FINAL INSPECT	1-16-03	RTL
660	PACK	1-16-03	DA
		SHIP DATE	
QAR INSPECTION DATE			