

G 652 1350
Replaced
E 641 3509

Repair Inquiry

Repair Number: RE00140421

Serial: G6521350 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 1/22/2008 3:15:25 PM

Verify Repair

High Priority

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIV DFEL

TRANSPORTATION DIV 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

Received Condition

Accessories Received

Phone: NN

Fair

Fax:

Condition:

Email:

Notes:

Comments:

CSR:

Notes:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1
D000	BI POD ALL BROKEN	1

nagletj

1/23/2008

1:06 PM

NUM

Serial Number:

G6521350

Model: M24 SWS



RE00140421

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521350.___0
FILE DATE AND TIME: 02/11/2008 14:38

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:	-0.011
The Average Point of Impact of the Five Target Set:	0.012
The Average Mean Radius of the Five Target Set:	0.766
The Distance from POA to Centroid Target #1:	0.240
The Distance from Centroid Target #2 to Centroid Target #1:	0.289
The Distance from Centroid Target #3 to Centroid Target #1:	0.402
The Distance from Centroid Target #4 to Centroid Target #1:	0.292
The Distance from Centroid Target #5 to Centroid Target #1:	0.320

SERIAL NUMBER: G6521350. 0

TARGET NUMBER: 1

FILE DATE: 02/11/2008

FILE TIME: 14:38

X CENTROID: -0.089

Y CENTROID: 0.223

POA TO CENTROID: 0.240

HORZ SPREAD: 1.937

VERT SPREAD: 3.176

GROUP SPREAD: 3.453

MIN RADIUS: 0.280

MAX RADIUS: 1.997

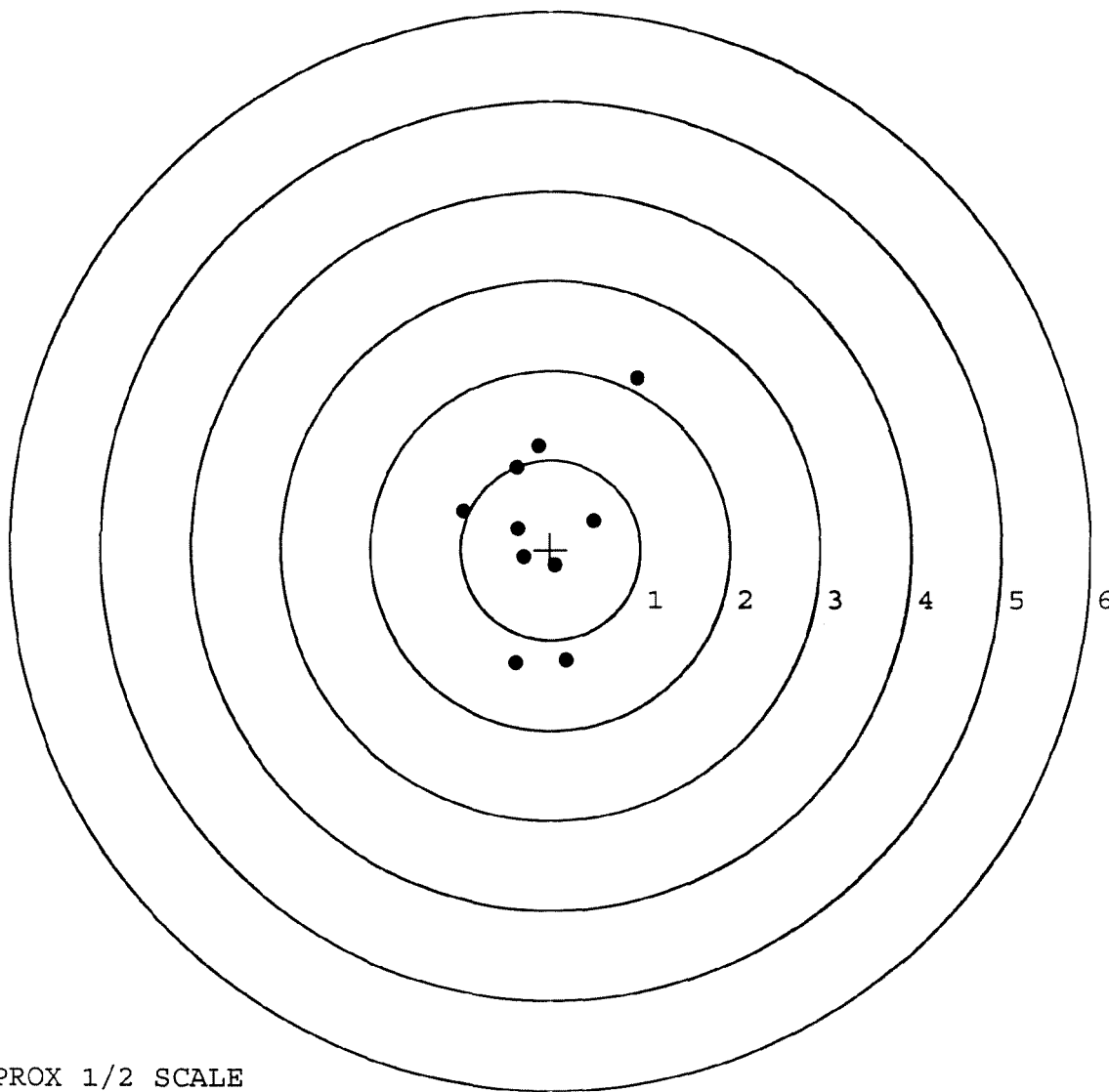
MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.170	-1.230
2:	-0.389	-1.257
3:	0.475	0.324
4:	0.966	1.919
5:	-0.139	1.159
6:	-0.376	0.914
7:	-0.971	0.422
8:	-0.369	0.237
9:	-0.305	-0.085
10:	0.047	-0.174



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __ 0

TARGET NUMBER: 2

FILE DATE: 02/11/2008

FILE TIME: 14:38

POINT#	X	Y
1:	1.410	-1.152
2:	-0.132	-0.936
3:	0.862	0.049
4:	0.585	0.292
5:	0.144	0.327
6:	0.152	-0.150
7:	-1.174	0.207
8:	-1.362	1.084
9:	-0.301	-0.056
10:	-0.473	-0.265

X CENTROID: -0.029

Y CENTROID: -0.060

POA TO CENTROID: 0.067

HORZ SPREAD: 2.772

VERT SPREAD: 2.236

GROUP SPREAD: 3.561

MIN RADIUS: 0.202

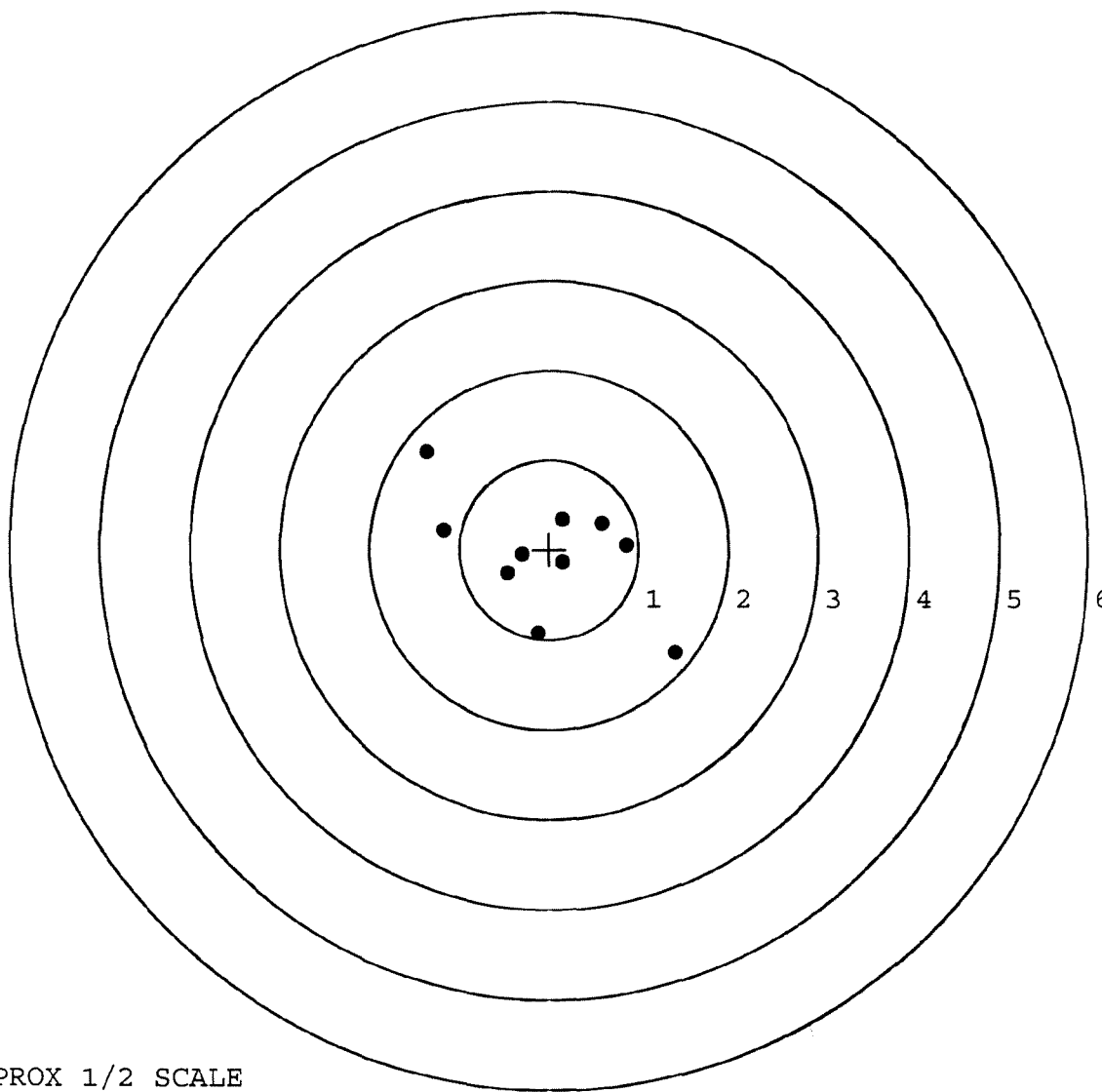
MAX RADIUS: 1.806

MEAN RADIUS: 0.861

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 3

FILE DATE: 02/11/2008

FILE TIME: 14:38

POINT#	X	Y
1:	0.962	-0.301
2:	0.823	-0.626
3:	0.324	-0.395
4:	0.401	0.021
5:	-0.319	-0.662
6:	-0.120	-0.371
7:	-0.572	0.305
8:	-0.205	0.058
9:	-0.098	0.377
10:	0.189	0.505

X CENTROID: 0.139

Y CENTROID: -0.109

POA TO CENTROID: 0.176

HORZ SPREAD: 1.534

VERT SPREAD: 1.167

GROUP SPREAD: 1.677

MIN RADIUS: 0.293

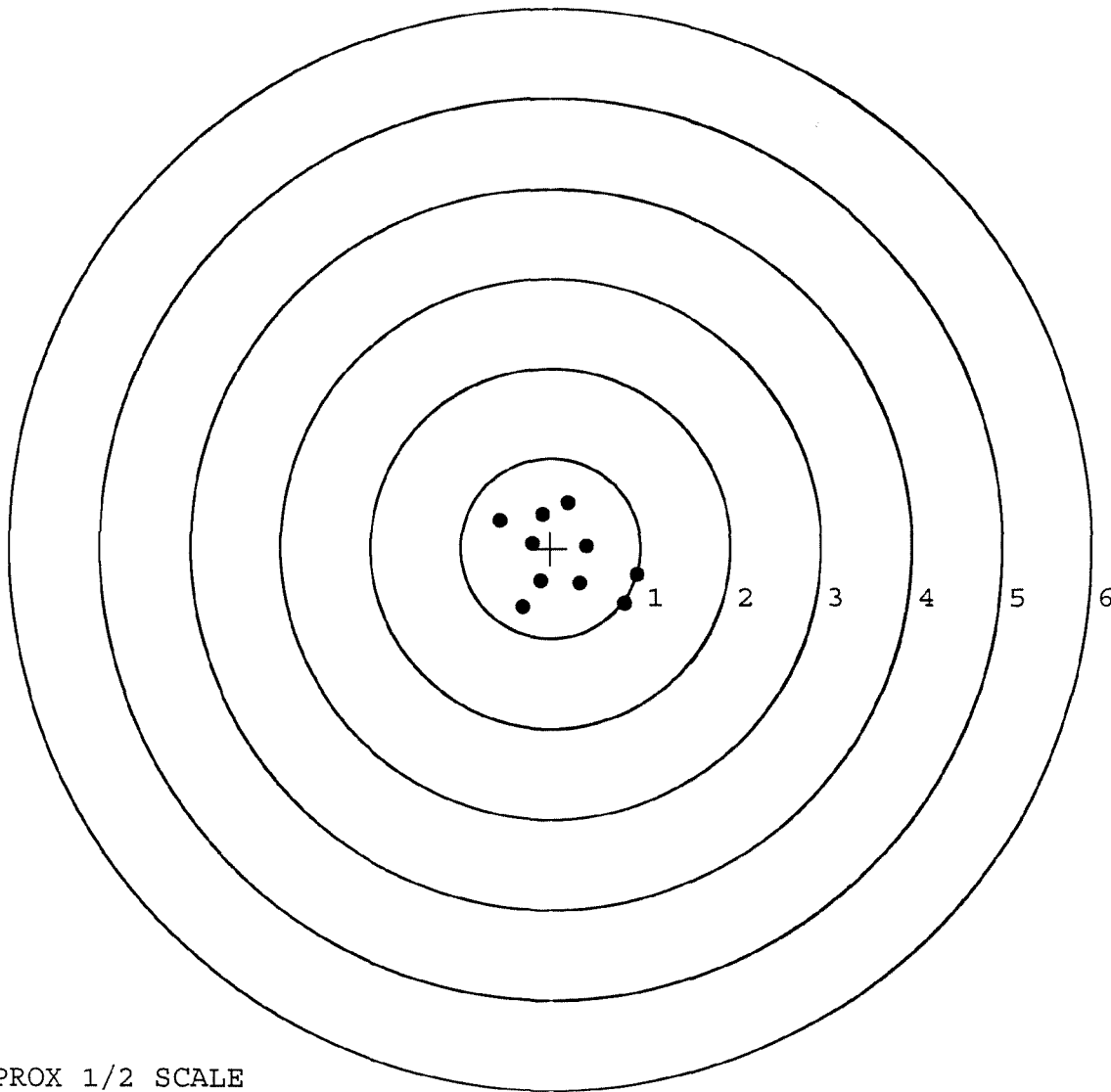
MAX RADIUS: 0.858

MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

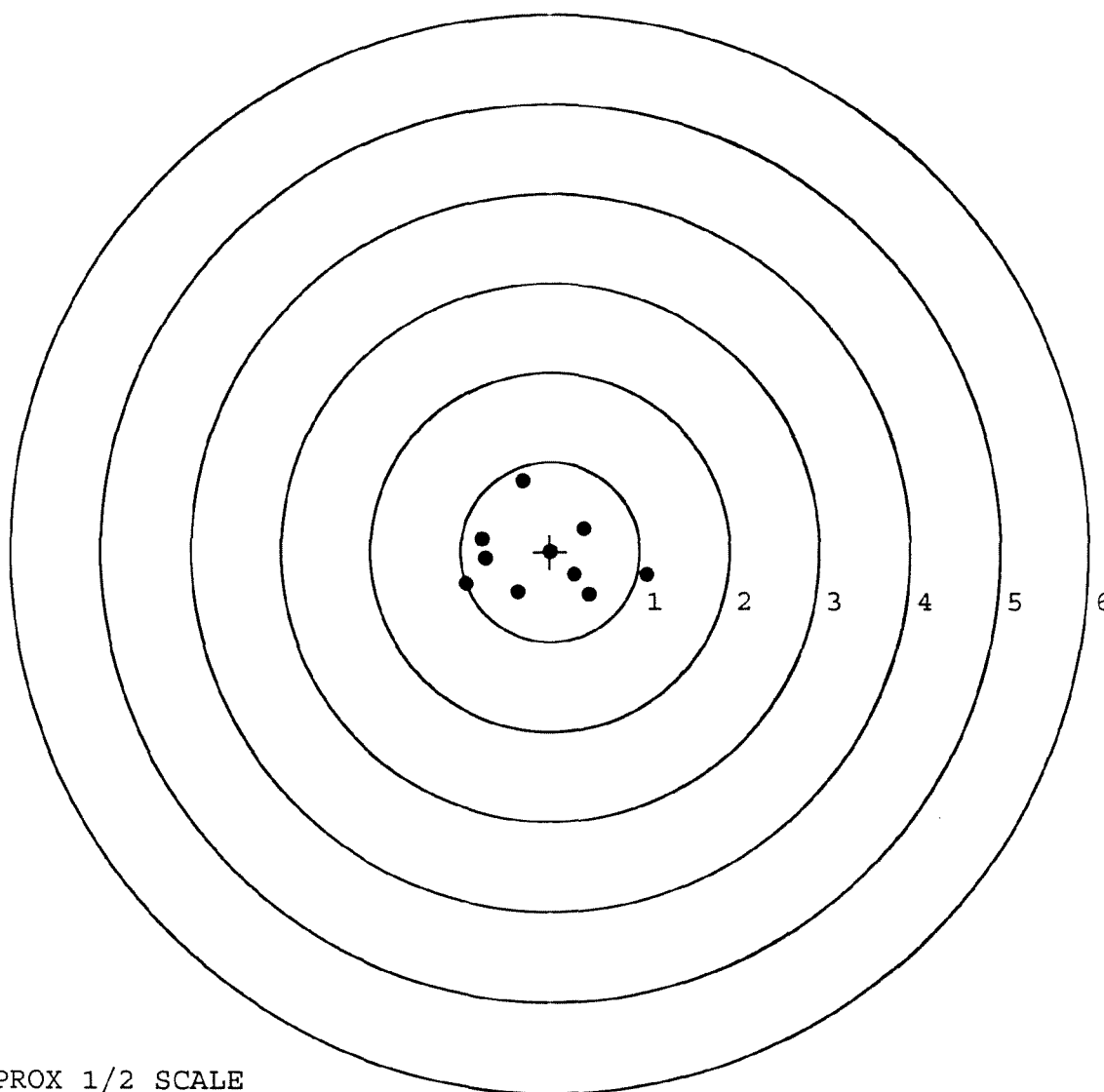


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0
 TARGET NUMBER: 4
 FILE DATE: 02/11/2008
 FILE TIME: 14:38

POINT#	X	Y
1:	1.080	-0.257
2:	0.434	-0.475
3:	0.267	-0.254
4:	-0.002	-0.002
5:	0.378	0.258
6:	-0.308	0.788
7:	-0.762	0.144
8:	-0.720	-0.075
9:	-0.363	-0.448
10:	-0.934	-0.365

X CENTROID: -0.093
 Y CENTROID: -0.069
 POA TO CENTROID: 0.116
 HORZ SPREAD: 2.014
 VERT SPREAD: 1.263
 GROUP SPREAD: 2.017
 MIN RADIUS: 0.113
 MAX RADIUS: 1.188
 MEAN RADIUS: 0.651
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 5

FILE DATE: 02/11/2008

FILE TIME: 14:38

X CENTROID: 0.092

Y CENTROID: -0.041

POA TO CENTROID: 0.100

HORZ SPREAD: 2.450

VERT SPREAD: 1.545

GROUP SPREAD: 2.452

MIN RADIUS: 0.149

MAX RADIUS: 1.479

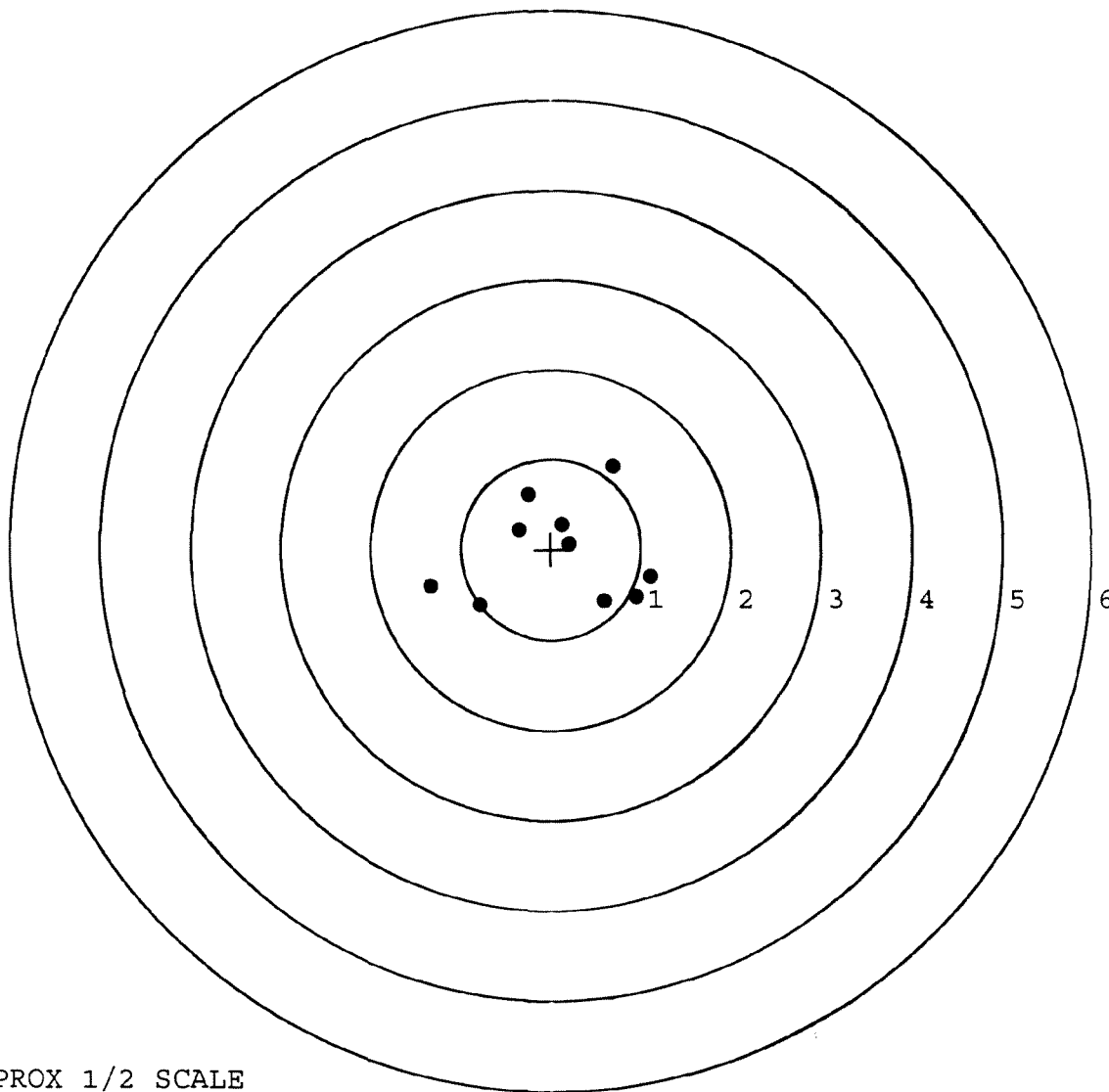
MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.112	-0.313
2:	0.949	-0.527
3:	0.589	-0.575
4:	0.691	0.919
5:	0.206	0.055
6:	0.114	0.267
7:	-0.255	0.600
8:	-0.362	0.209
9:	-0.791	-0.626
10:	-1.338	-0.420



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149R & E NUMBER 00140421SERIAL NUMBER G6521350LOG-IN DATE 1-22-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-24-08	R.P.D.
505	RE-BARREL	1-25-08	R.P.D.
560	ASSEMBLE	1-30-08	TRW
600	PROOF	1-30-08	TRW
605	CHECK HEADSPACE	1-30-08	TRW
610	DIS-ASSEMBLE GUN	1-30-08	R.P.D.
612	MAGNAFLUX	2-1-08	TRW JB
510	DRILL AND TAP	1-30-08	TRW
615	ROLLMARK CALIBER	1-30-08	CW
618	ROTO-BLAST	2-4-08	YU
620	APPLY COATINGS	2-6-08	CW
625	FINAL ASSEMBLY	2-7-08	R.P.D.
640	FUNCTION TEST AND	2-11-08	TRW
650	TARGET	2-11-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-11-08	R.P.
	A) HEADSPACE	PASS FAIL	2-12-08
	B) TRIGGER PULL	2-12-08	F.M.
680	F) SAFETY ON FORCE	2-12-08	F.M.
	G) SAFETY OFF FORCE	2-12-08	F.M.
	I) FIRING PIN INDENT	2-12-08	F.M.
690	PACK	2-19-08	F.M.

Repair Inquiry

Repair Number: RE00118101

Serial: G6521350 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/28/2006 8:41:09 AM

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
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

9/28/2006

8:50 AM

CAPS

NUM

INS

SCRL



3 M.

3 M.

51.

Par...

Sto...

Mo...

Ar...

8:50 AM

Serial Number: G6521350

Model: M24 SWS



RE00118101

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521350.___1
FILE DATE AND TIME: 10/10/2006 10:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.131
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.149
The Average Mean Radius of the Five Target Set:	0.848
The Distance from POA to Centroid Target #1:	0.229
The Distance from Centroid Target #2 to Centroid Target #1:	0.249
The Distance from Centroid Target #3 to Centroid Target #1:	0.327
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.681

SERIAL NUMBER: G6521350. __1

TARGET NUMBER: 1

FILE DATE: 10/10/2006

FILE TIME: 10:33

POINT#	X	Y
1:	0.660	-0.810
2:	0.167	-0.637
3:	-0.009	-0.329
4:	-0.459	-0.441
5:	-0.797	-0.483
6:	-0.661	-0.874
7:	-0.276	-0.050
8:	-0.037	0.336
9:	0.536	0.389
10:	-0.358	0.966

X CENTROID: -0.123

Y CENTROID: -0.193

POA TO CENTROID: 0.229

HORZ SPREAD: 1.457

VERT SPREAD: 1.840

GROUP SPREAD: 2.047

MIN RADIUS: 0.177

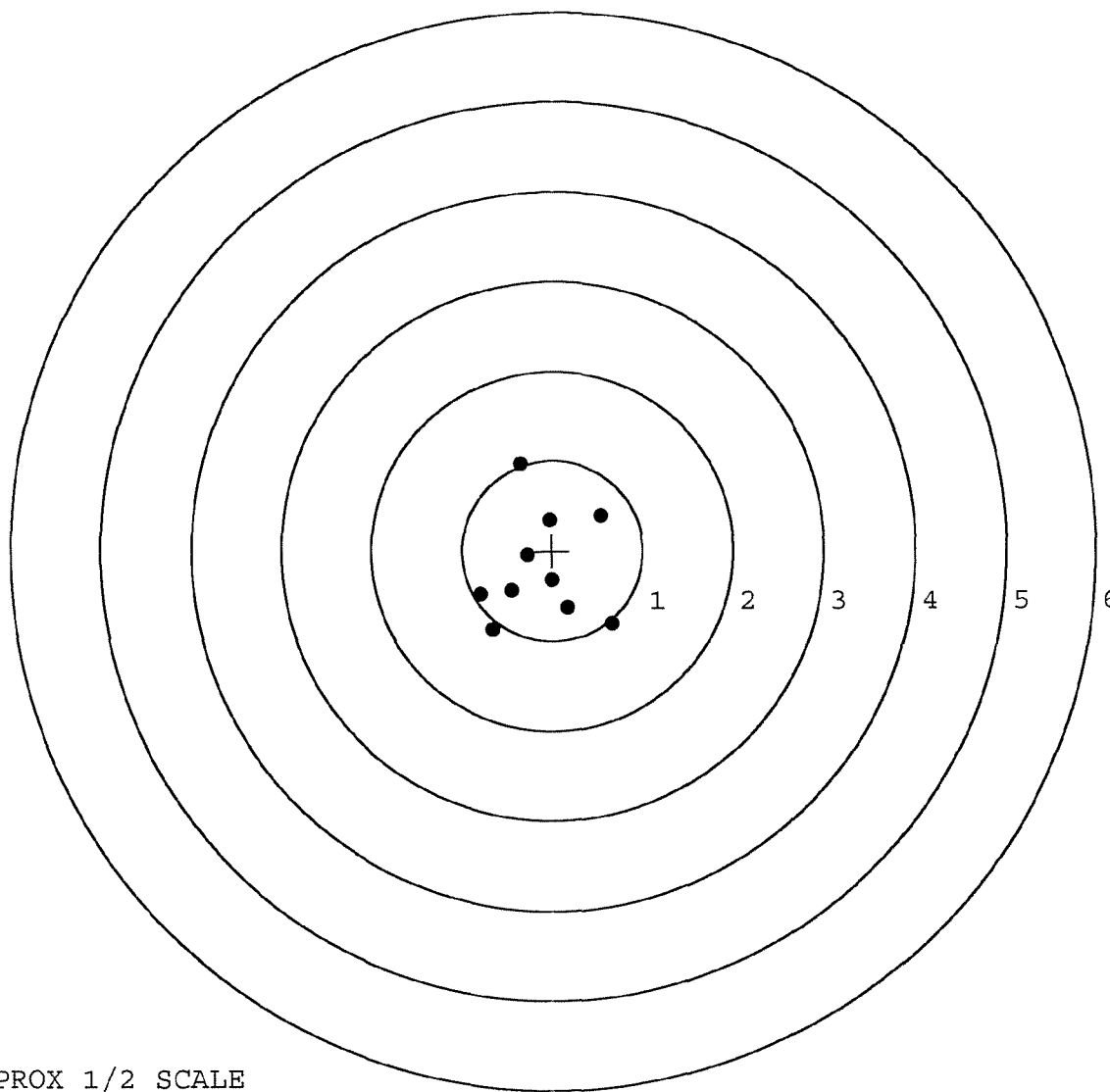
MAX RADIUS: 1.183

MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __1

TARGET NUMBER: 2

FILE DATE: 10/10/2006

FILE TIME: 10:33

POINT#	X	Y
1:	0.522	-0.563
2:	0.549	-0.106
3:	0.127	0.015
4:	0.647	0.732
5:	-0.286	0.316
6:	-0.836	1.489
7:	-0.362	-0.904
8:	-0.747	-0.147
9:	-0.796	-0.309
10:	-1.075	-0.191

X CENTROID: -0.226

Y CENTROID: 0.033

POA TO CENTROID: 0.228

HORZ SPREAD: 1.722

VERT SPREAD: 2.393

GROUP SPREAD: 2.461

MIN RADIUS: 0.289

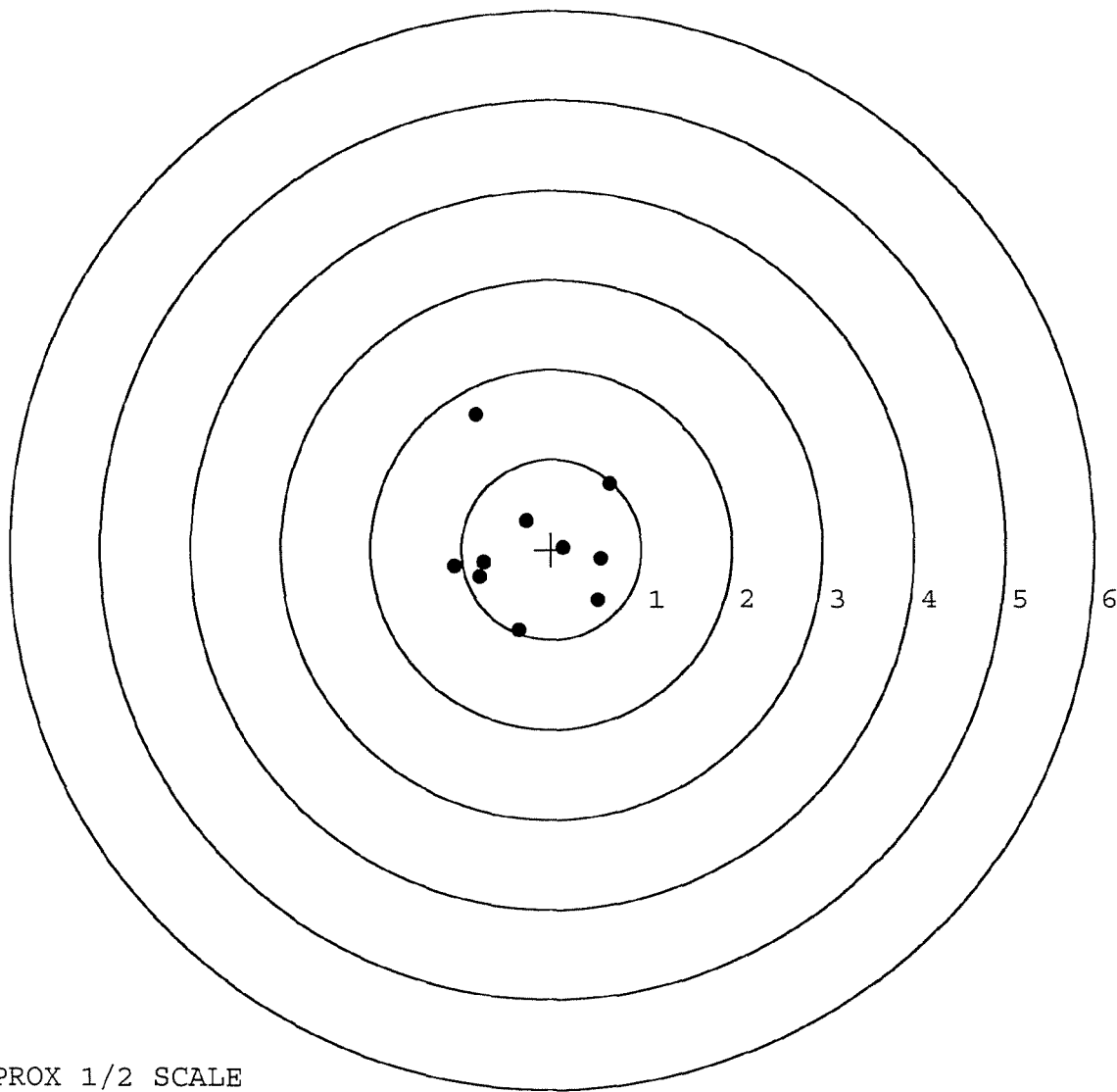
MAX RADIUS: 1.579

MEAN RADIUS: 0.812

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __ 1

TARGET NUMBER: 3

FILE DATE: 10/10/2006

FILE TIME: 10:33

POINT#	X	Y
1:	0.492	1.792
2:	0.689	0.390
3:	-0.961	0.323
4:	-0.698	0.161
5:	-0.579	-0.426
6:	0.525	-0.046
7:	0.418	-0.176
8:	0.164	-0.354
9:	-0.042	-0.303
10:	-0.276	-0.165

X CENTROID: -0.027

Y CENTROID: 0.120

POA TO CENTROID: 0.123

HORZ SPREAD: 1.650

VERT SPREAD: 2.218

GROUP SPREAD: 2.463

MIN RADIUS: 0.378

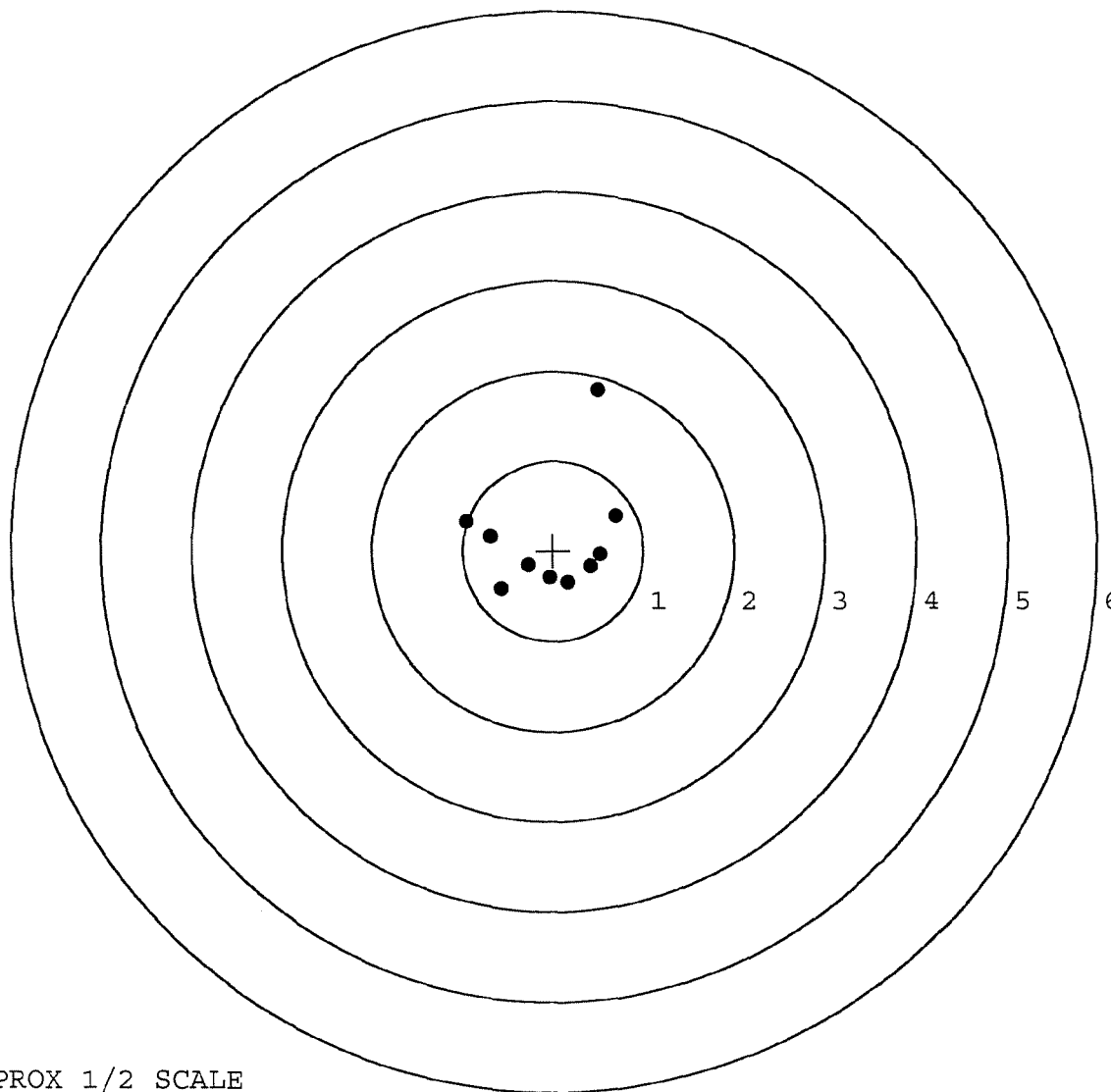
MAX RADIUS: 1.751

MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. 1

TARGET NUMBER: 4

FILE DATE: 10/10/2006

FILE TIME: 10:33

POINT#	X	Y
1:	1.506	-0.727
2:	0.783	-1.031
3:	-0.020	-0.824
4:	-1.361	0.295
5:	-0.693	0.955
6:	-1.521	1.119
7:	-0.110	0.015
8:	0.219	0.063
9:	0.365	-0.194
10:	0.579	-0.408

X CENTROID: -0.025

Y CENTROID: -0.074

POA TO CENTROID: 0.078

HORZ SPREAD: 3.027

VERT SPREAD: 2.150

GROUP SPREAD: 3.545

MIN RADIUS: 0.123

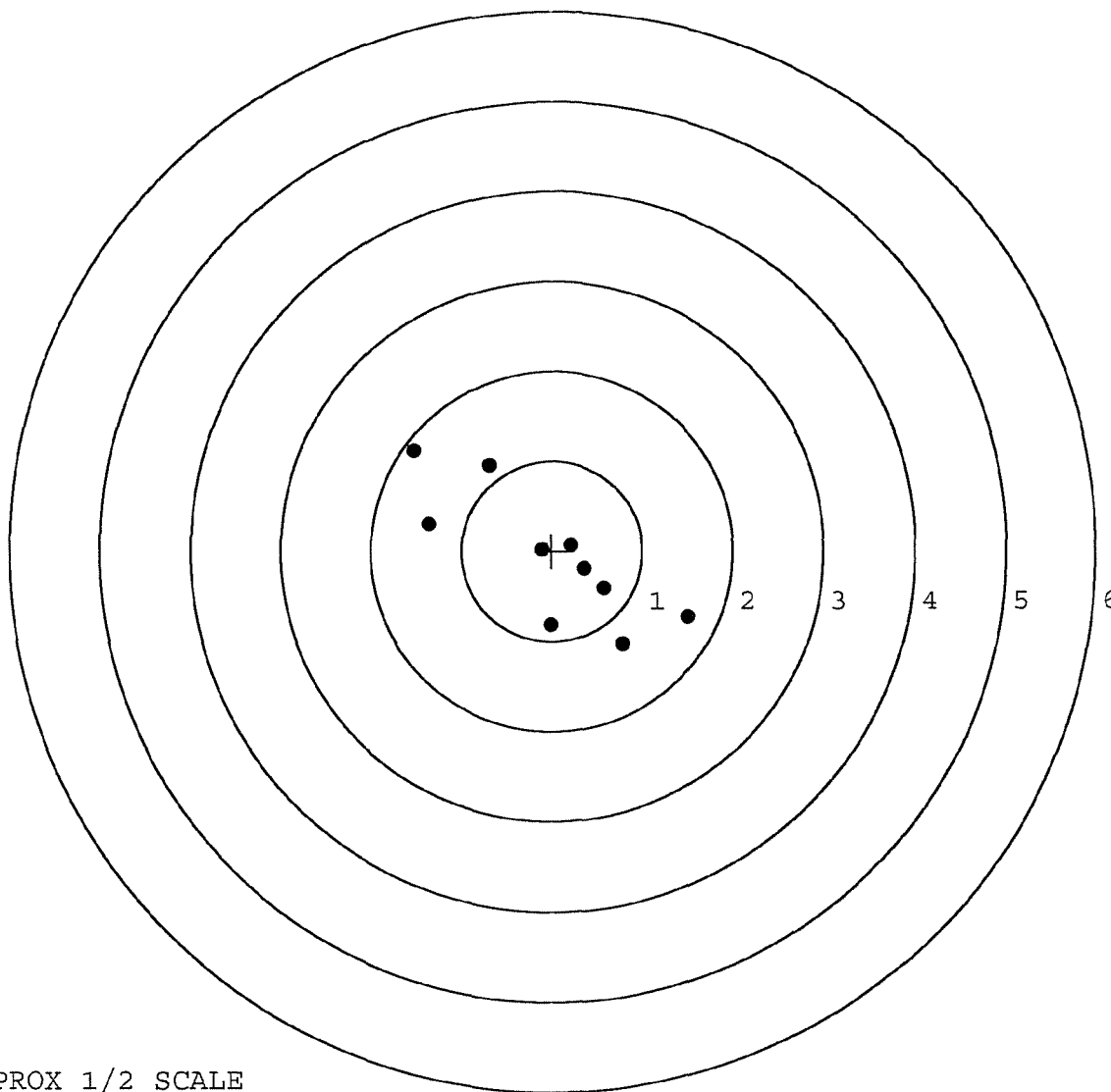
MAX RADIUS: 1.913

MEAN RADIUS: 0.969

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __1

TARGET NUMBER: 5

FILE DATE: 10/10/2006

FILE TIME: 10:33

POINT#	X	Y
1:	-0.514	-0.895
2:	-0.339	-0.527
3:	0.613	-0.239
4:	0.084	-0.027
5:	0.603	0.194
6:	0.318	0.360
7:	-0.354	0.528
8:	-0.204	1.532
9:	-1.668	1.171
10:	-1.074	2.652

X CENTROID: -0.254

Y CENTROID: 0.475

POA TO CENTROID: 0.538

HORZ SPREAD: 2.281

VERT SPREAD: 3.547

GROUP SPREAD: 3.591

MIN RADIUS: 0.114

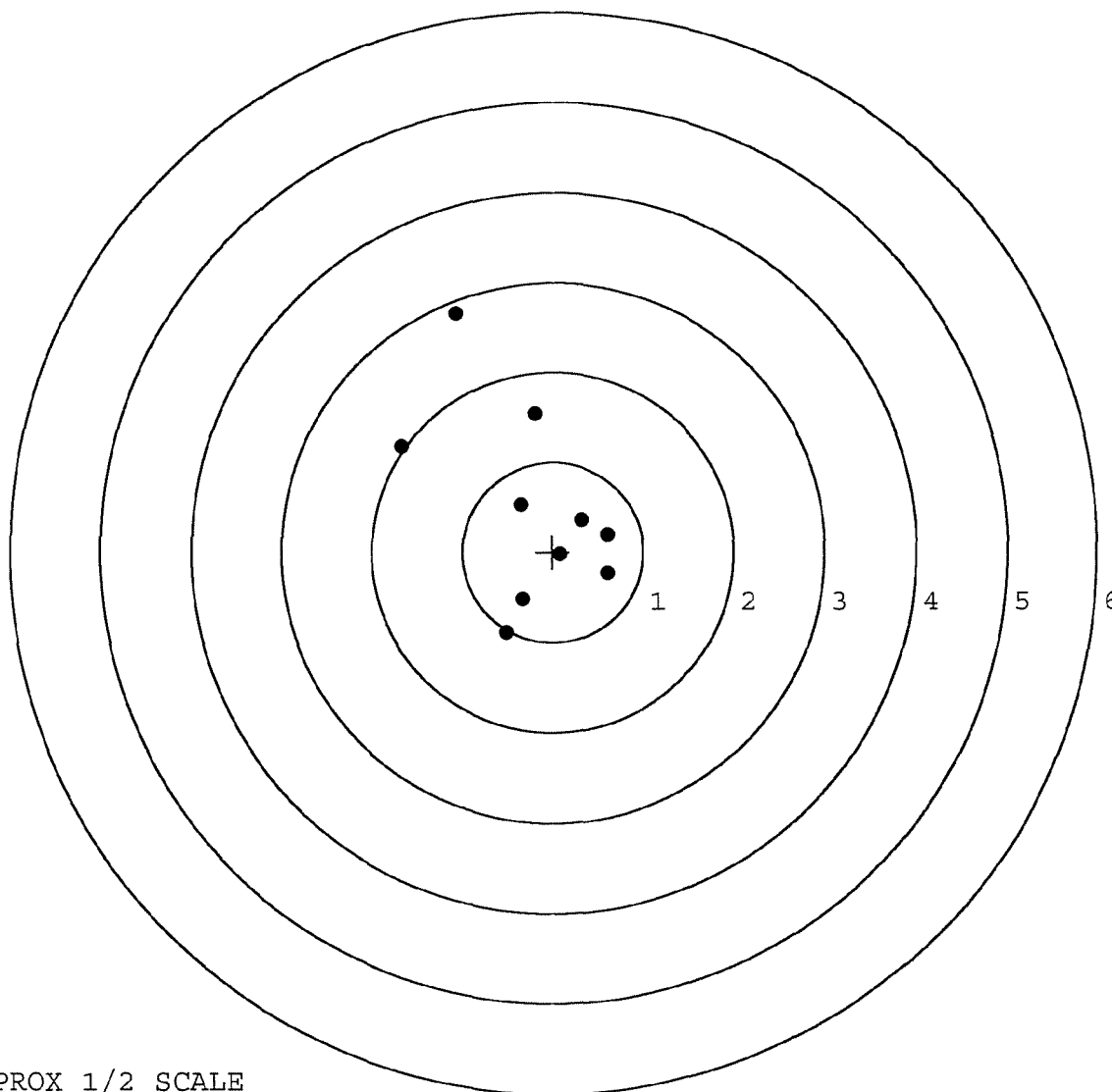
MAX RADIUS: 2.327

MEAN RADIUS: 1.069

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

DATE: 20060911

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: W2L58L
UTIL CODE: 0

HHC 2/29 INF. REGT.

PHONE: (706) 544-1450

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: W6CR07

ITT

PHONE: 544-8635
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE

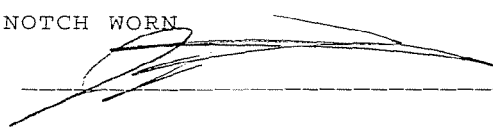
NOUN: RIFLE 7.62MM SNIP SER NUM: G6521350 / 871122 QTY: 00001

ORG WON: 2L58L1601274 PRIORITY: 03 FAILURE DETECTED: F

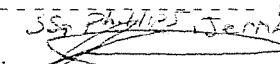
MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: S-48

DEFICIENCY: FIRING PIN NOTCH WORN

PD AUTHENTICATING SIGNATURE: 

----- SIGNATURE DATA -----

SUBMITTED BY: 

ORD DATE: 06256

MIL TIME: 1115

ACCEPTED BY: G. Ballard

STATUS: A

ORD DATE: 06256

MIL TIME: 1115

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WCN: _____ EVAC UNIT NAME: _____

SSg Phillips
575-8183

W6GIA70

M9Wm

WAR
KYAB

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	118101		
SERIAL NUMBER	G6521350		
LOG-IN DATE	9-28-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-3-06	RTZ
505	RE-BARREL	10-4-06	RTZ
420	ASSEMBLE	10-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED OCT 6 2006	TRW
460	CHECK HEADSPACE	10-4-06	TRW
470	DIS-ASSEMBLE GUN	10-4-06	RTZ
480	MAGNAFLUX	OPERATOR <u>PPD</u> 10-6-06	APD
510	DRILL AND TAP	10-5-06	SD
500	ROLLMARK CALIBER	10-6-06	RA
520	GOFF BLAST BBL / REC	10-6-06	LB
530 & 540	APPLY COATINGS	10/9/06	RTZ
560	FINAL ASSEMBLY	10-10-06	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	10-10-06 TRW
650	TARGET	<u>PASS</u> FAIL	10-10-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	10-10-06 WR
670	FINAL INSPECTION		10-18-06 RTZ
	A) HEADSPACE	PASS FAIL	10-18-06 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.76 2.82 2.72 2.89 2.87 10-12-06 DHA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 6.2 5.5 10-12-06 DHA
	G) SAFETY OFF FORCE	2 LBS MIN	2.9 2.8 2.9 10-12-06 DHA
	I) FIRING PIN INDENT	.020	10-25 10-23 10-25 10-12-06 DHA
690	PACK		10-19-06 DHA

F006 REV 5/2006

BARREL ASSEMBLY

☐ BARREL☐ RECEIVER☐ FRONT SIGHT BASE☐ REAR SIGHT BASE☐ SCREWS☐ FINISH

SCOPE ASSEMBLY

☐ SCOPE☐ SCOPE RINGS☐ MOUNTING SCREWS☐ MOUNTING BASE☐ SCREWS☐ FINISH☐ CLARITY

STOCK ASSEMBLY

☐ STOCK☐ SLING SWIVEL STUDS☐ BUTT PATE☐ LOCK NUTS☐ BARREL CLEARANCE☐ COLOR / FINISH

SYSTEM CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☐ SAFETY OPERATION☐ RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Serial Number: **E6413509**

Model: **M24 SWS**



RE00104577

BARBER - M24 0099697

 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)

SERIAL NO.

 DATE 10-11-05

 TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.66		2.33	
PULL #2	2.59	2.66		2.36	
PULL #3	2.55	2.65		2.37	
PULL #4	2.65	2.65		2.41	
PULL #5	2.58	2.64		2.43	
TOTAL	12.92	13.26		11.90	
AVERAGE	2.58	2.65		2.38	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.91	2.93		
PULL #2	2.92	3.21		
PULL #3	3.09	3.27		
PULL #4	3.09	3.28		
PULL #5	3.13	3.36		
TOTAL	15.14	15.99		
AVERAGE	3.03	3.20		

	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	3.92	4.26		4.17
PULL #2	4.00	4.21		4.16
PULL #3	4.09	4.32		4.20
PULL #4	4.12	4.32		4.06
PULL #5	4.17	4.40		4.21
TOTAL	20.30	21.51		20.80
AVERAGE	4.06	4.30		4.16

NMP COPY 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521350.___0
FILE DATE AND TIME: 12/13/2005 22:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.160
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.161
The Average Mean Radius of the Five Target Set:	0.730
The Distance from POA to Centroid Target #1:	0.038
The Distance from Centroid Target #2 to Centroid Target #1:	0.202
The Distance from Centroid Target #3 to Centroid Target #1:	0.187
The Distance from Centroid Target #4 to Centroid Target #1:	0.068
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 1

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	0.012	0.687
2:	-0.551	0.564
3:	-0.642	0.341
4:	-0.982	0.408
5:	-0.482	-0.288
6:	-0.110	-0.203
7:	0.102	-0.423
8:	0.812	-1.112
9:	0.332	-0.071
10:	1.128	0.116

X CENTROID: -0.038

Y CENTROID: 0.002

POA TO CENTROID: 0.038

HORZ SPREAD: 2.110

VERT SPREAD: 1.799

GROUP SPREAD: 2.351

MIN RADIUS: 0.217

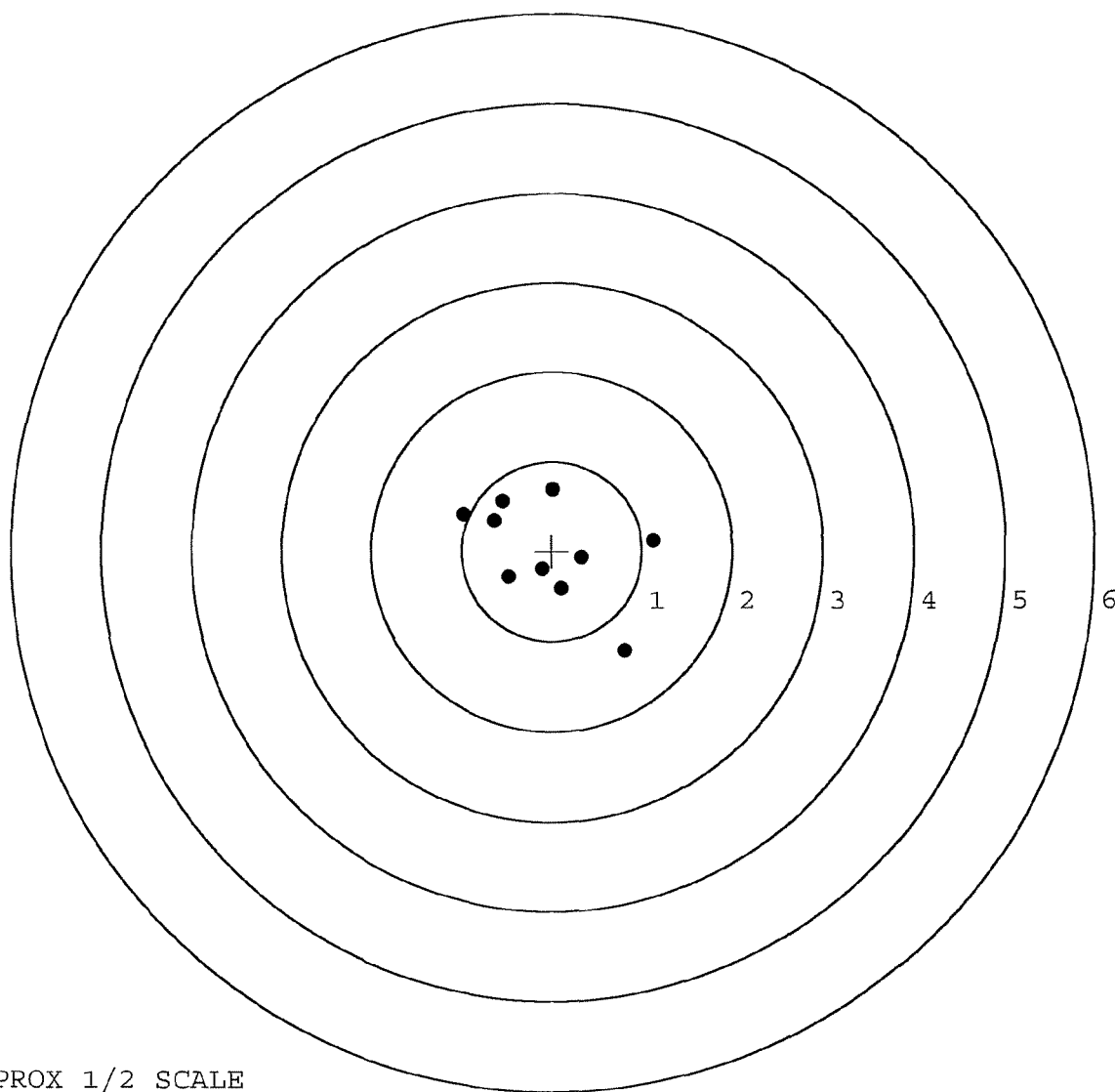
MAX RADIUS: 1.401

MEAN RADIUS: 0.731

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 2

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-0.191	0.858
2:	-0.074	0.581
3:	-0.277	0.253
4:	-0.629	0.669
5:	-0.558	-0.189
6:	-0.363	-0.063
7:	-0.184	-0.301
8:	0.272	-0.232
9:	0.076	-0.863
10:	-0.260	0.201

X CENTROID: -0.219

Y CENTROID: 0.091

POA TO CENTROID: 0.237

HORZ SPREAD: 0.901

VERT SPREAD: 1.721

GROUP SPREAD: 1.742

MIN RADIUS: 0.117

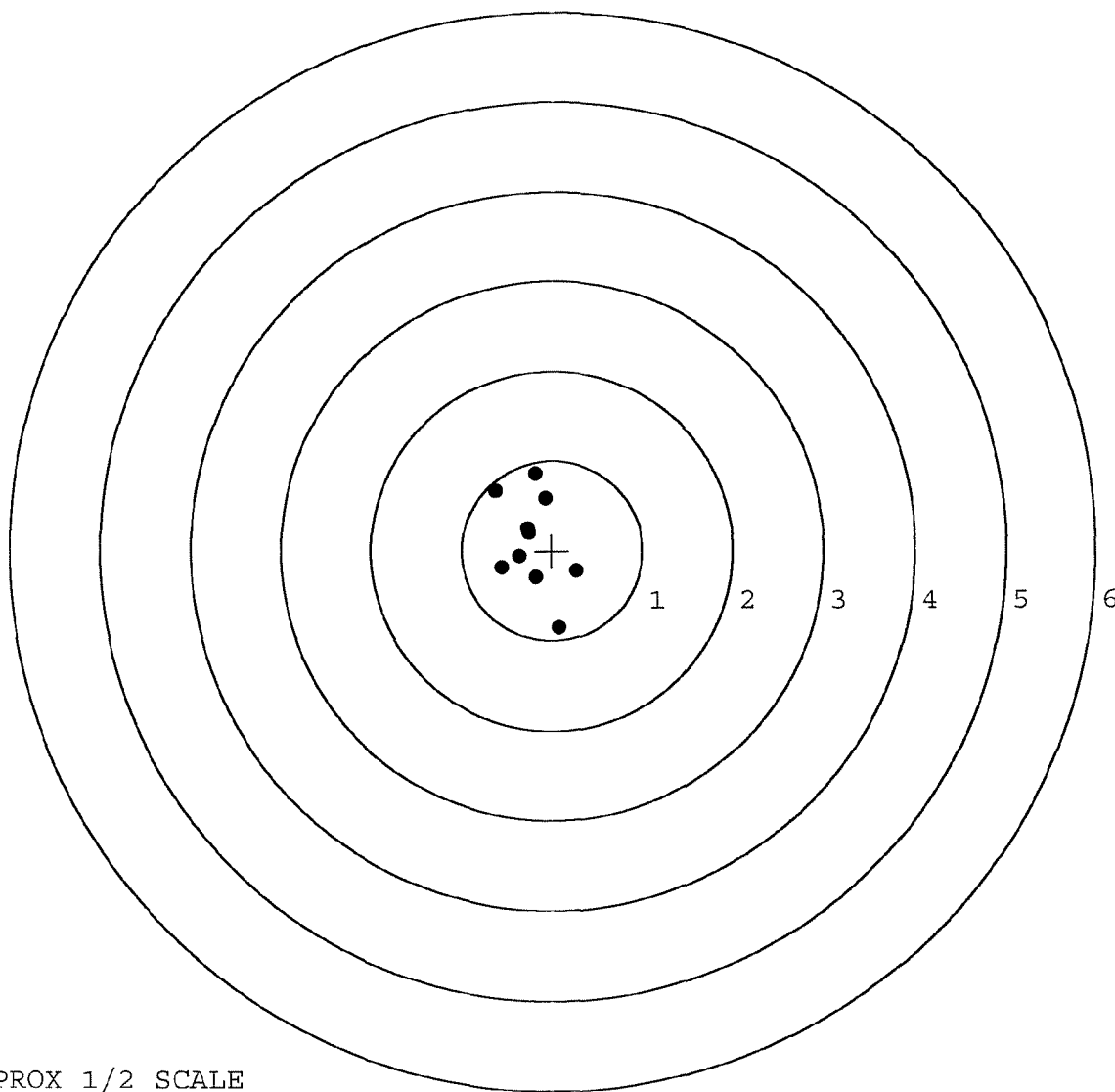
MAX RADIUS: 0.999

MEAN RADIUS: 0.491

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 3

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-0.758	0.840
2:	-0.312	0.268
3:	-0.482	0.012
4:	-0.741	-0.270
5:	-0.809	-0.488
6:	-1.166	-1.196
7:	-0.010	-1.510
8:	0.382	-0.222
9:	0.375	0.364
10:	1.327	1.744

X CENTROID: -0.219

Y CENTROID: -0.046

POA TO CENTROID: 0.224

HORZ SPREAD: 2.493

VERT SPREAD: 3.254

GROUP SPREAD: 3.855

MIN RADIUS: 0.269

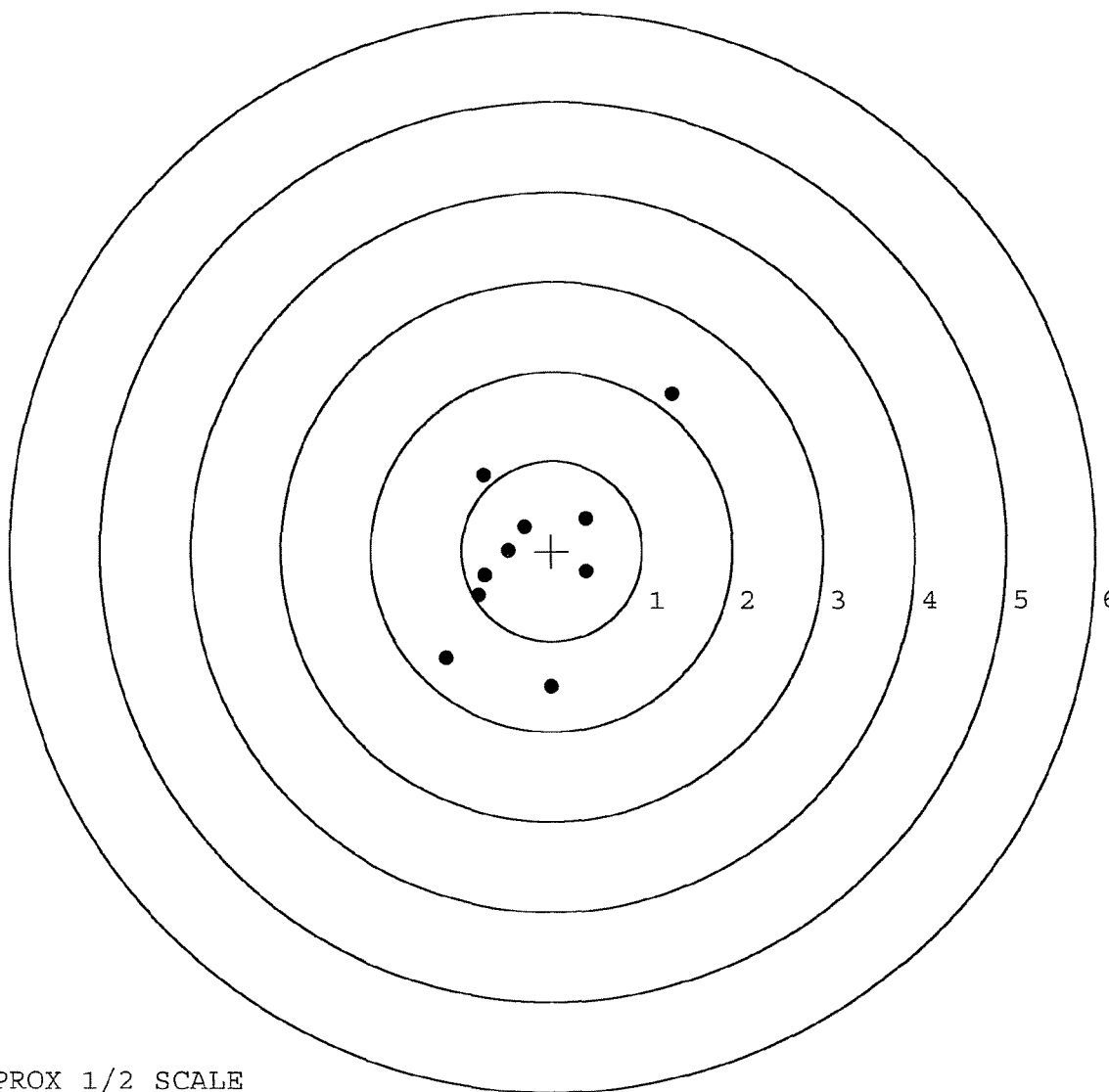
MAX RADIUS: 2.365

MEAN RADIUS: 0.962

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. 0

TARGET NUMBER: 4

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-0.364	0.874
2:	-0.111	0.772
3:	-0.400	0.350
4:	-0.007	0.276
5:	-0.758	-0.164
6:	-1.165	-0.943
7:	0.133	-0.325
8:	0.421	0.242
9:	0.996	-0.127
10:	1.259	-0.379

X CENTROID: 0.000

Y CENTROID: 0.058

POA TO CENTROID: 0.058

HORZ SPREAD: 2.424

VERT SPREAD: 1.817

GROUP SPREAD: 2.489

MIN RADIUS: 0.219

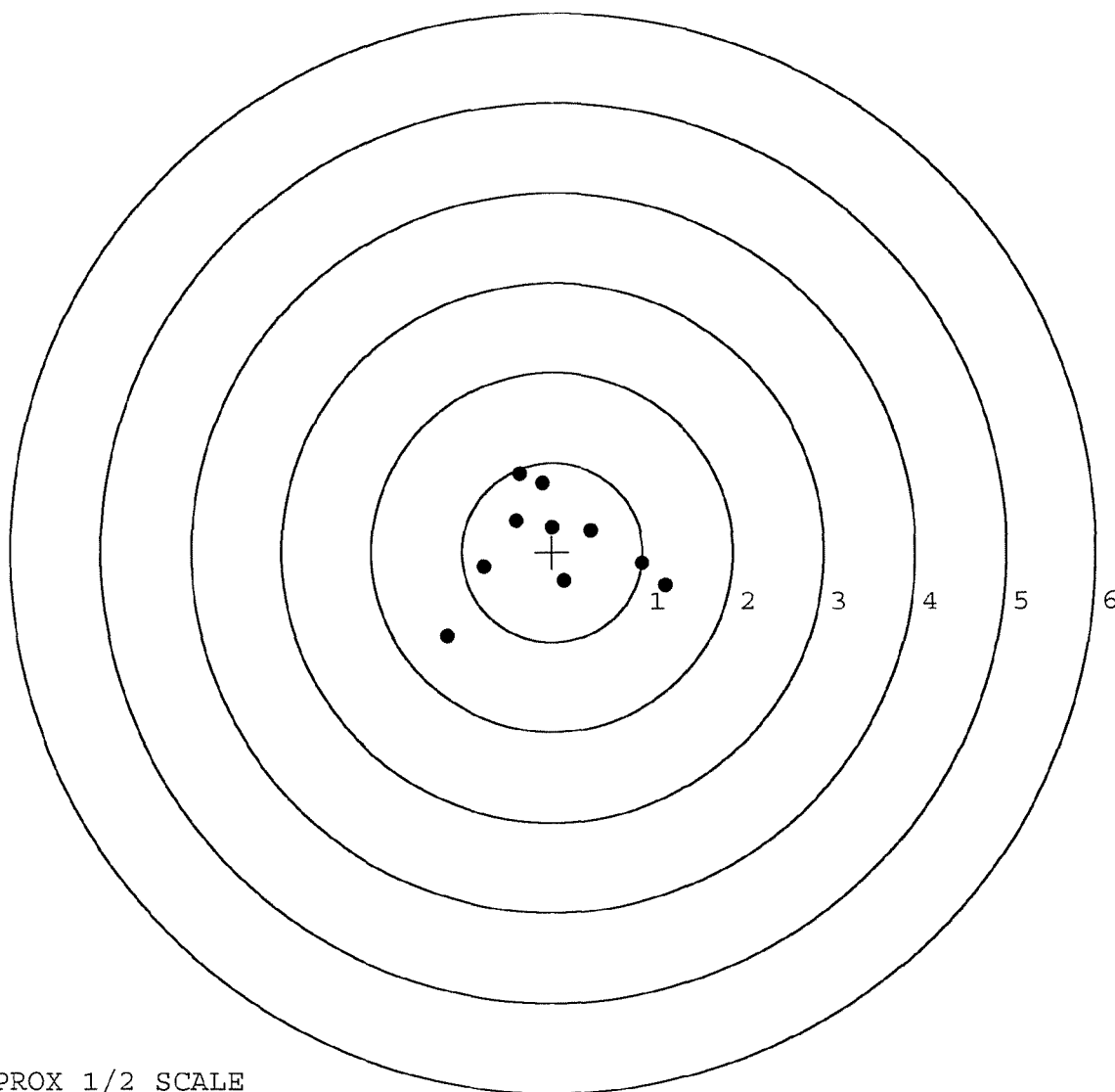
MAX RADIUS: 1.536

MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. 0

TARGET NUMBER: 5

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-1.029	0.513
2:	-0.770	0.557
3:	0.025	0.249
4:	0.430	0.668
5:	-0.068	-0.296
6:	-0.344	-0.373
7:	-0.854	-0.550
8:	-0.885	-0.159
9:	0.885	-0.263
10:	-0.608	-0.334

X CENTROID: -0.322

Y CENTROID: 0.001

POA TO CENTROID: 0.322

HORZ SPREAD: 1.914

VERT SPREAD: 1.218

GROUP SPREAD: 2.065

MIN RADIUS: 0.375

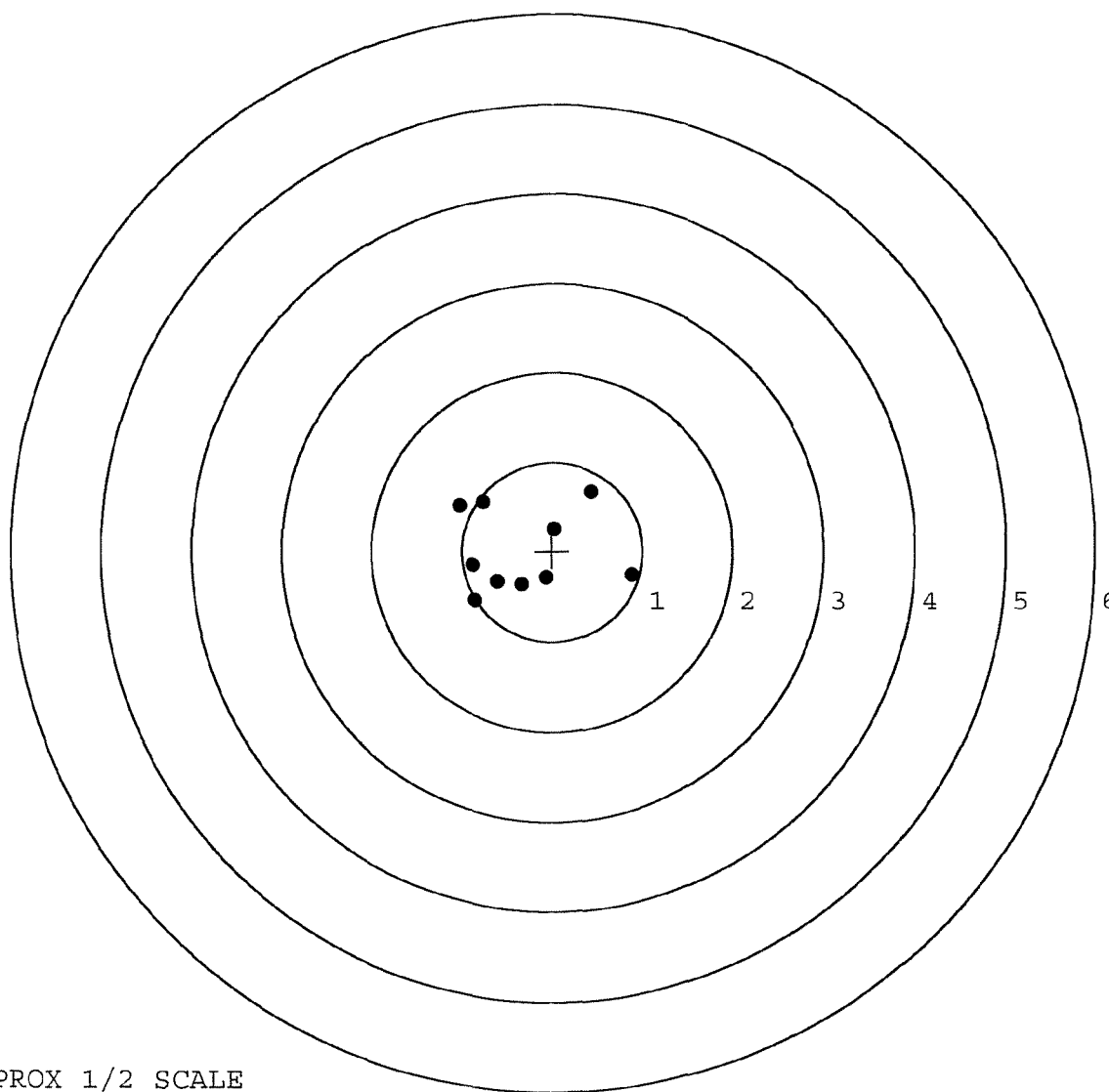
MAX RADIUS: 1.235

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

FORT BENNING

R & E NUMBER	104577			
SERIAL NUMBER	E6412509	G6521350		
LOG-IN DATE	12-5-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-6-05	BC
505	RE-BARREL		12-6-05	BC
560	ASSEMBLE		12-7-05	CD
600	PROOF	MAGNA-FLUX	12-7-05	CD
605	CHECK HEADSPACE		12-7-05	CD
610	DIS-ASSEMBLE GUN		12-7-05	CD
612	MAGNAFLUX	GEAR ROOM	12/12/05	und
510	DRILL AND TAP		12-9-05	BR
615	ROLLMARK CALIBER		12-12-05	CW
618	ROTO-BLAST		12-12-05	LB
620	APPLY COATINGS		12/13/05	
625	FINAL ASSEMBLY		12-13-05	RTZ
640	FUNCTION TEST AND	PASS	12-13-05	MTM
650	TARGET	PASS	12-13-05	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		12-14-05	AC
	A) HEADSPACE	PASS	12-14-05	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	224 2.33 2.41 2.38 2.32	A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lbs 6 lbs 6 lbs	A
	G) SAFETY OFF FORCE	2 LBS	2 lbs 2 lbs 2 lbs	A
	I) FIRING PIN INDENT	.020	.022 .022 .022	A
690	PACK		12-16-05	DA

Parts/Repairs

800-243-9700

www.remington.com info@remington.com

Fax

336-548-7801

**REPAIR
DOCUMENT****REPAIR
DOCUMENT****Repair Order Number**

RE00057381

Account # - R-**Description/Serial Number**

B6896633

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)**Fax****Phone (W)****Email**

Reported		Problems	Found
M993	REFURBISH		

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

Material # Material **B6896633** Serial Number: rantv (Y/N)

Model: 700

Total:  RE00057381

E 6413509

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413509.___0
FILE DATE AND TIME: 01/15/2003 14:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.087
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.214
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.228
The Distance from Centroid Target #4 to Centroid Target #1:	0.069
The Distance from Centroid Target #5 to Centroid Target #1:	0.106

SERIAL NUMBER: E6413509. 0

TARGET NUMBER: 1

FILE DATE: 01/15/2003

FILE TIME: 14:33

X CENTROID: -0.144

Y CENTROID: -0.159

POA TO CENTROID: 0.214

HORZ SPREAD: 1.048

VERT SPREAD: 1.783

GROUP SPREAD: 1.821

MIN RADIUS: 0.249

MAX RADIUS: 1.144

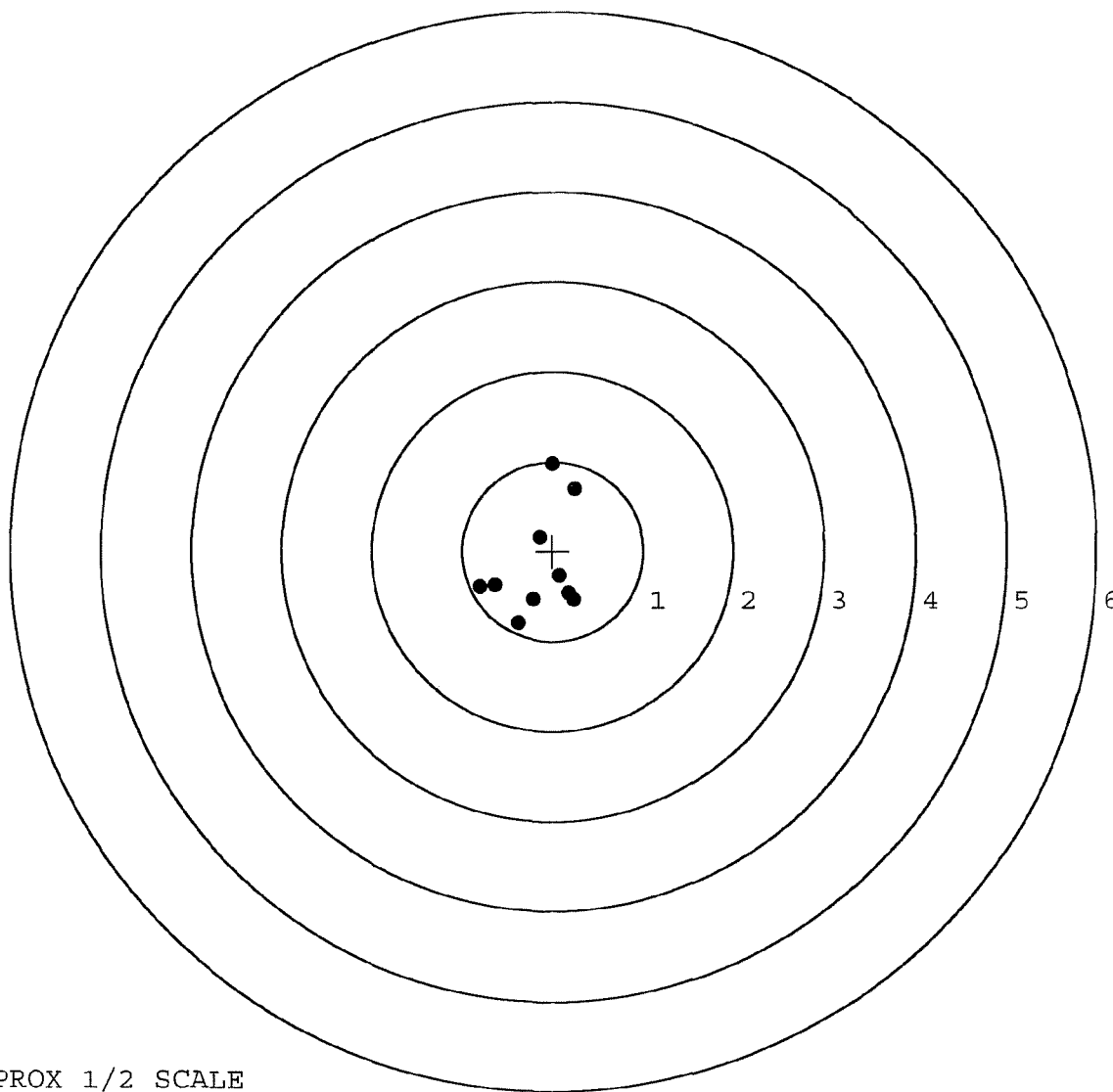
MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.239	-0.543
2:	0.180	-0.469
3:	0.076	-0.275
4:	-0.214	-0.539
5:	-0.380	-0.805
6:	-0.634	-0.385
7:	-0.803	-0.402
8:	0.245	0.694
9:	-0.012	0.978
10:	-0.140	0.160



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. 0

TARGET NUMBER: 2

FILE DATE: 01/15/2003

FILE TIME: 14:33

X CENTROID: 0.064

Y CENTROID: -0.035

POA TO CENTROID: 0.073

HORZ SPREAD: 1.693

VERT SPREAD: 1.819

GROUP SPREAD: 1.998

MIN RADIUS: 0.262

MAX RADIUS: 1.095

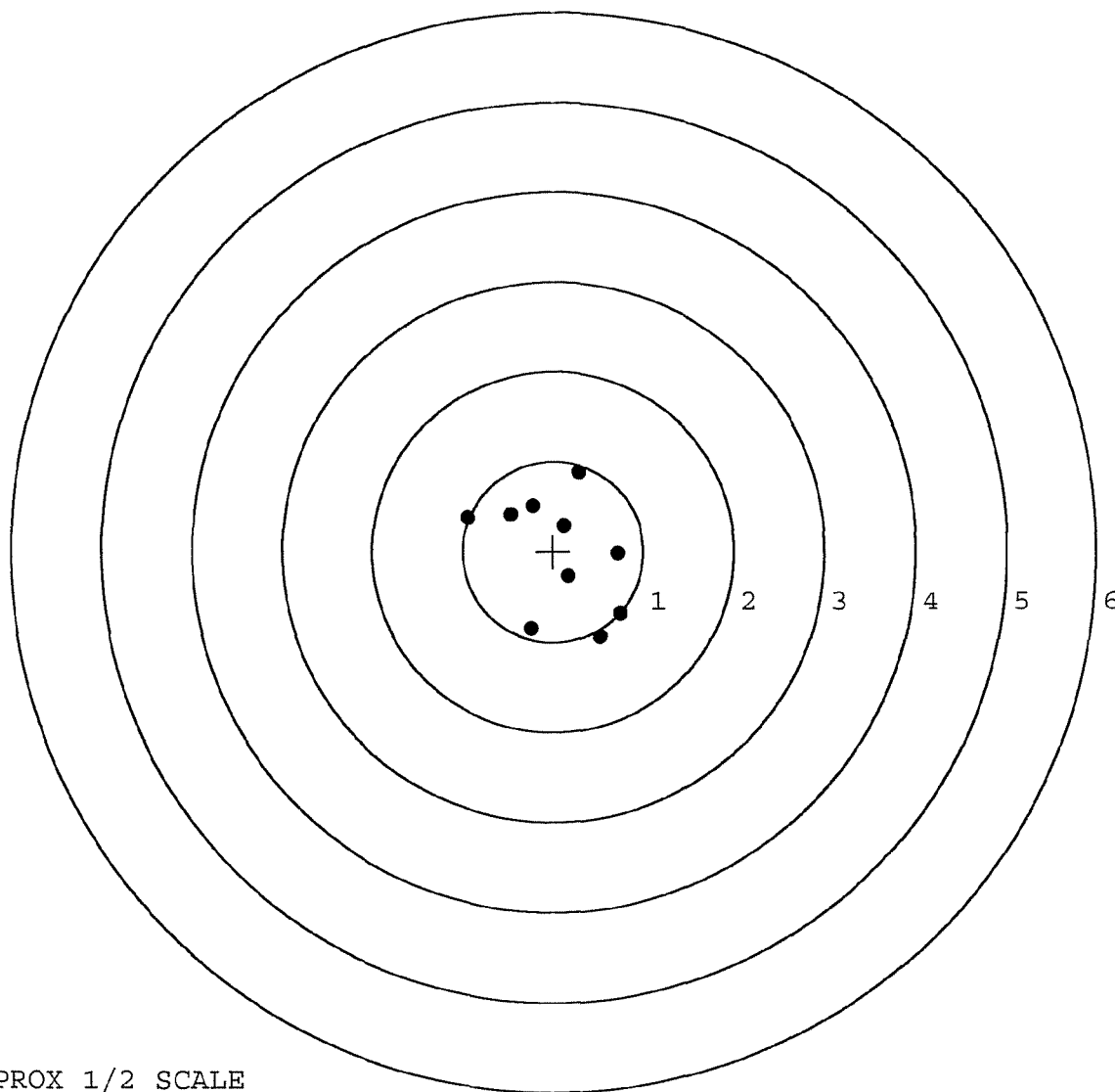
MEAN RADIUS: 0.742

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.525	-0.943
2:	0.740	-0.691
3:	0.715	-0.023
4:	0.171	-0.274
5:	-0.252	-0.856
6:	0.117	0.283
7:	0.284	0.876
8:	-0.231	0.500
9:	-0.477	0.409
10:	-0.953	0.370



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. 0

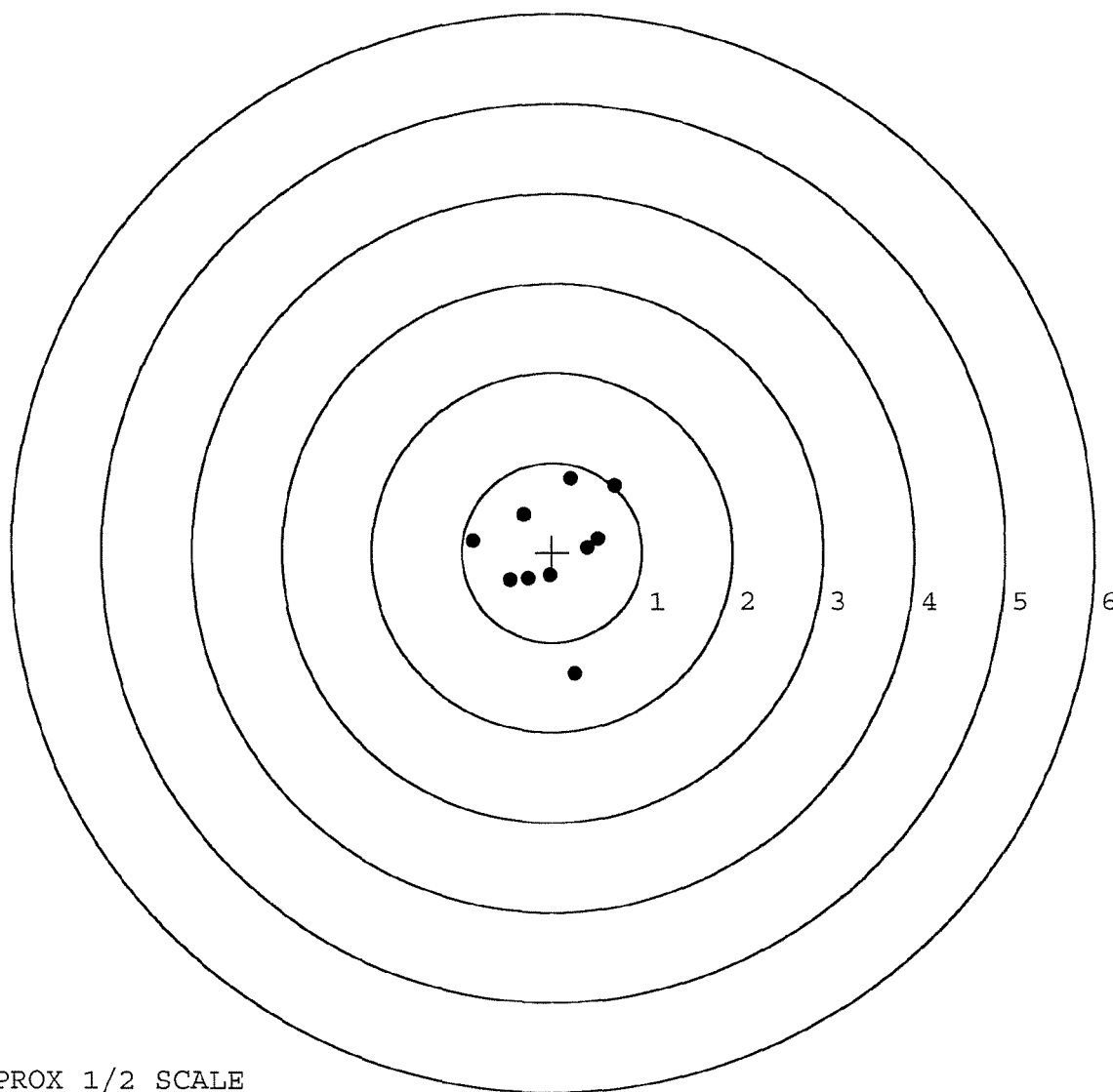
TARGET NUMBER: 3

FILE DATE: 01/15/2003

FILE TIME: 14:33

POINT#	X	Y
1:	0.249	-1.358
2:	0.388	0.050
3:	0.507	0.149
4:	0.693	0.753
5:	0.205	0.823
6:	-0.326	0.426
7:	-0.030	-0.254
8:	-0.267	-0.293
9:	-0.472	-0.313
10:	-0.875	0.130

X CENTROID: 0.007
Y CENTROID: 0.011
POA TO CENTROID: 0.013
HORZ SPREAD: 1.568
VERT SPREAD: 2.181
GROUP SPREAD: 2.181
MIN RADIUS: 0.268
MAX RADIUS: 1.390
MEAN RADIUS: 0.682
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. __0

TARGET NUMBER: 4

FILE DATE: 01/15/2003

FILE TIME: 14:33

X CENTROID: -0.214

Y CENTROID: -0.161

POA TO CENTROID: 0.268

HORZ SPREAD: 1.278

VERT SPREAD: 1.472

GROUP SPREAD: 1.477

MIN RADIUS: 0.124

MAX RADIUS: 0.910

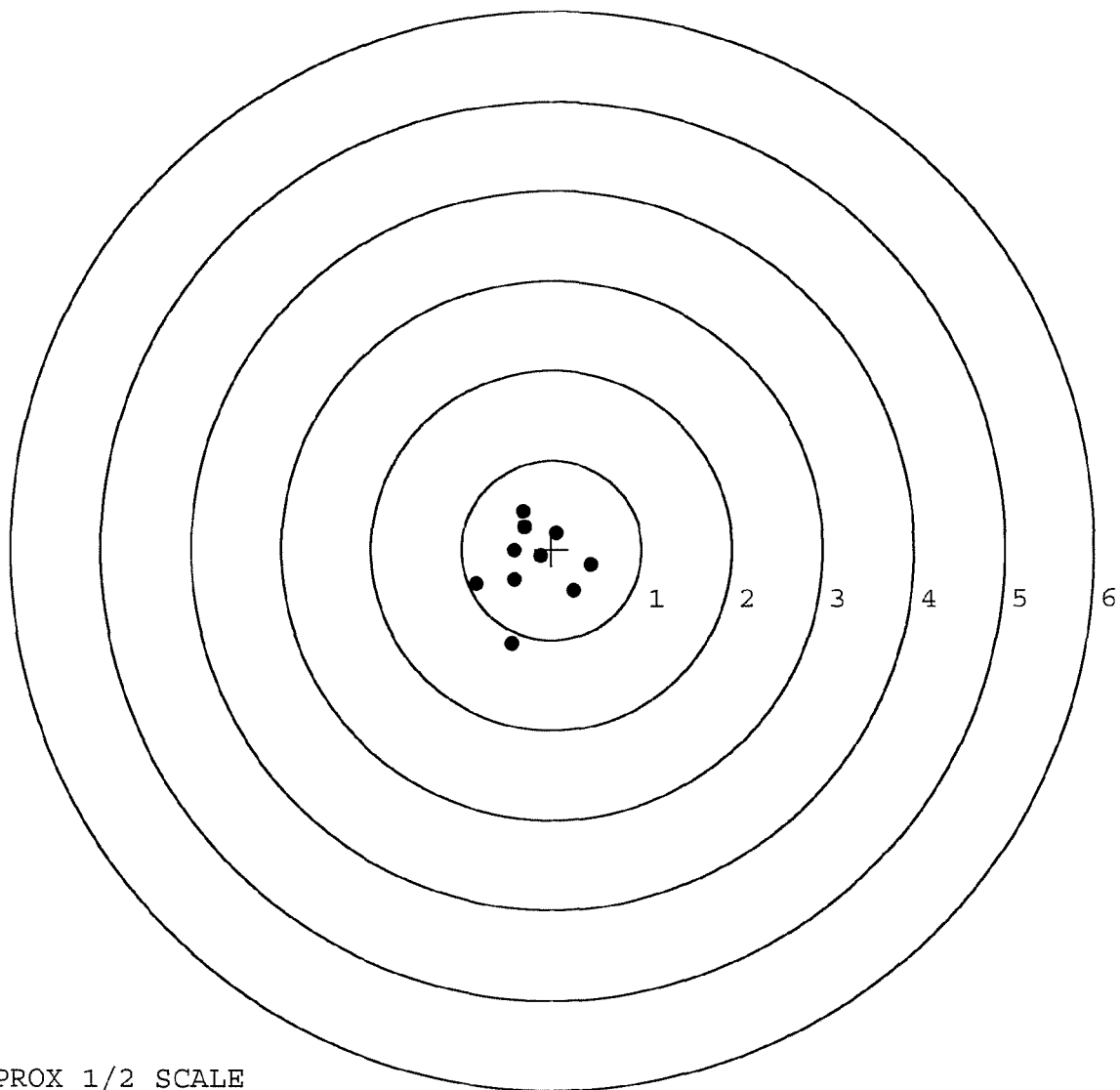
MEAN RADIUS: 0.489

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.443	-1.042
2:	-0.840	-0.385
3:	-0.417	-0.339
4:	0.244	-0.463
5:	0.438	-0.172
6:	0.059	0.181
7:	-0.324	0.430
8:	-0.308	0.256
9:	-0.420	-0.007
10:	-0.126	-0.074



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. __0

TARGET NUMBER: 5

FILE DATE: 01/15/2003

FILE TIME: 14:33

POINT#	X	Y
1:	0.863	-1.471
2:	-0.308	-0.834
3:	0.068	-0.761
4:	0.320	-0.372
5:	-0.150	-0.252
6:	0.199	0.158
7:	0.152	0.534
8:	-0.120	1.022
9:	-0.640	0.122
10:	-1.001	0.939

X CENTROID: -0.062

Y CENTROID: -0.091

POA TO CENTROID: 0.110

HORZ SPREAD: 1.864

VERT SPREAD: 2.493

GROUP SPREAD: 3.047

MIN RADIUS: 0.183

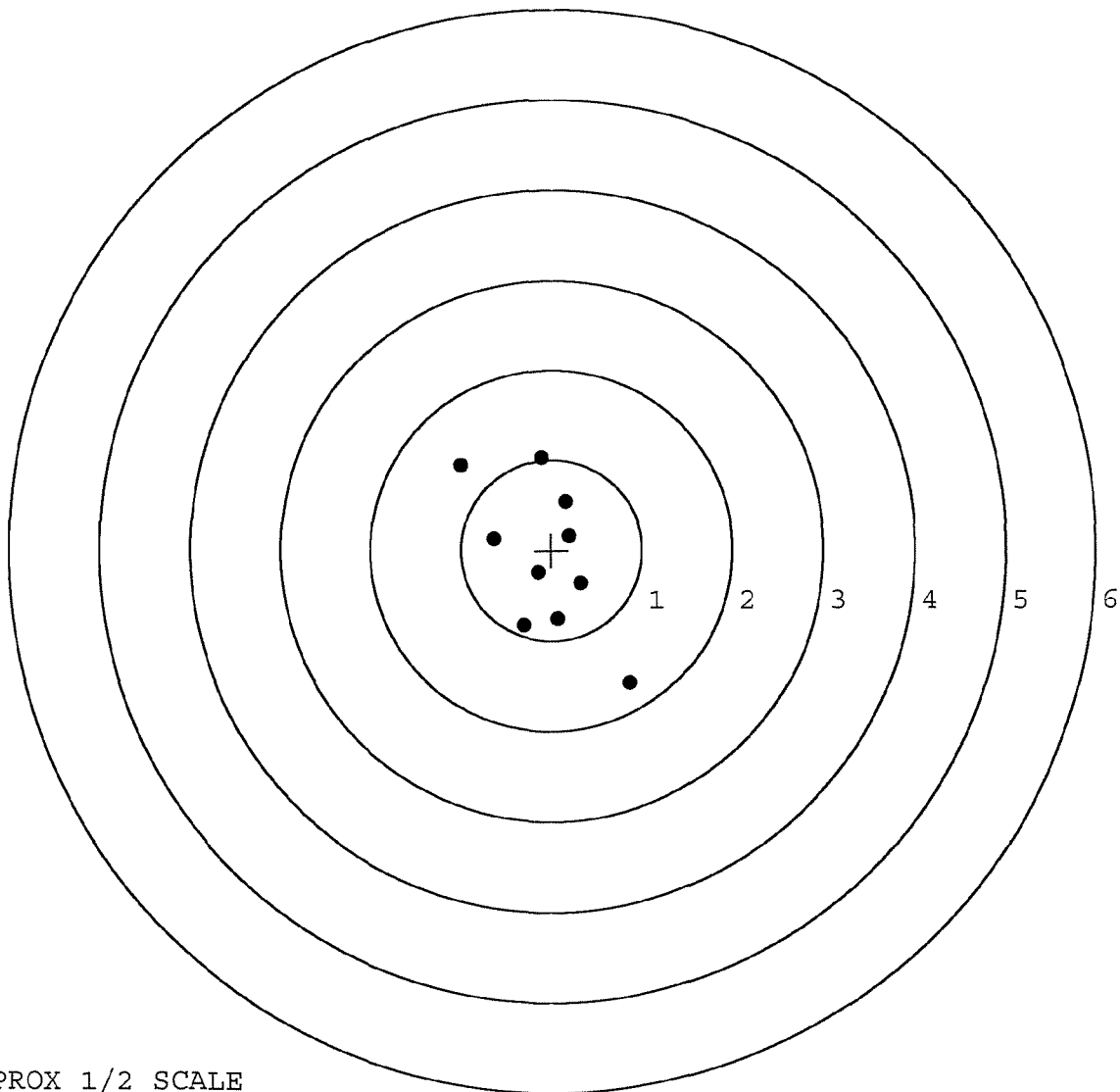
MAX RADIUS: 1.661

MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.30	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT ABLE LESS THAN
PULL #2	2.46	2.26	2.47	
PULL #3	2.38	2.43	2.50	
PULL #4	2.39	2.20	2.49	
PULL #5	2.37	2.27	2.49	
TOTAL	12.12	11.46	12.41	
AVG.	2.42	2.29	2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.20	
PULL #2	3.10	3.05	
PULL #3	3.11	3.14	
PULL #4	3.10	3.22	
PULL #5	3.15	3.07	
TOTAL	15.61	15.68	
AVG.	3.12	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.41	4.38		4.20
PULL #2	4.35	4.40		4.28
PULL #3	4.38	4.24		4.21
PULL #4	4.39	4.33		4.27
PULL #5	4.41	4.27		4.17
TOTAL	21.94	21.62		21.13
AVG.	4.38	4.32		4.22

SERIAL # F10413509INSPECTED BY: RTLDATE REC'D: 12-12-02DATE 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	57381		
SERIAL NUMBER	15689-6633	E10413509	New
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	AD
615	ROLLMARK CALIBER	1-7-03	RW
618	ROTO-BLAST	1-8-03	RL
620	APPLY COATINGS	1-10	TRW
625 A	FINAL ASSEMBLY	1-13-03	RL
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	1-14-03	TRW
655	FINAL INSPECT	1-16-03	RTL
660	PACK	1-16-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		