

G686 355-3
Replaces

07/22/09 10:28:32

Arms Services Repair & Estimate System

FileAdd RepairEstimate RepairExpedite RepairInquiryRepair ToolsCSRToolsReportsTable MaintenanceSystem MaintenanceHelp

Repair Inquiry

Repair Number:RE00171688Serial: G6410269 Model M24 SWS Center Fire Repairman:Verify RepairCaliber: 7.62 NATOStatus:Closed 7/22/2009 8:46:45 AM

Address Information

Customer:Received FromReturn To:Received From

Name:TRANSPORTATION OFFICERTRANSPORTATION OFFICER

Address 1:USPFO FOR ARKANSAS BLDG 0318USPFO FOR ARKANSAS BLDG 0318

Address 2:CAMP ROBINSONPO Box:CAMP ROBINSONPO Box:

City:NORTH LITTLE ROCKNORTH LITTLE ROCK

State:ARZip Code:72199Country:USState:ARZip Code:72199Country:US

FFL:

Contact / ConditionProblemsEstimateHistory / StatusShipping / 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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair SearchRefreshClose

naglej7/22/200910:28 AMCAPSNUMINSSECL

StartArms Services Repair ...10:28 AM

G 6863553

Serial Number: ~~G6410269~~

Model: M24 SWS



RE00171688

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

171688

SERIAL NUMBER

66493269

66863553

LOG-IN DATE

7-22-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-28-09	RTZ
505	RE-BARREL	7-28-09	RTZ
420	ASSEMBLE	7-28-09	RTZ
440	PROOF	7-28-09	RTZ
460	CHECK HEADSPACE	7-28-09	RTZ
470	DIS-ASSEMBLE GUN	7-28-09	RTZ
480	MAGNAFLUX	7/31/09	RTZ
510	DRILL AND TAP	7-29-09	SP
500	ROLLMARK CALIBER	7-31-09	DLW
520	GOFF BLAST BBL / REC	7/31/09	DLW
530 & 540	APPLY COATINGS	8/4	✓
560	FINAL ASSEMBLY	8-7-09	RTZ
640	FUNCTION TEST AND	8-18-09	RP
650	TARGET	8-18-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-18-09	RTZ
	A) HEADSPACE	8-19-09	RTZ
	B) TRIGGER PULL	2.39 2.38 2.34 2.30 2.31 8-19-09	RTZ
680	F) SAFETY ON FORCE	5.0 5.0 5.0 8-19-09	RTZ
	G) SAFETY OFF FORCE	2.0 2.0 2.0 8-19-09	RTZ
	I) FIRING PIN INDENT	0.04 0.04 0.04 8-19-09	RTZ
690	PACK	8/19/09	Fm

F006 REV 1/2009

DA FORM 2404, APR 1979 Replaces edition of 1 Jan 64, which will be used APD PE v1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863553.___0
FILE DATE AND TIME: 08/19/2009 05:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.527
The Distance from POA to Centroid Target #1:	0.086
The Distance from Centroid Target #2 to Centroid Target #1:	0.094
The Distance from Centroid Target #3 to Centroid Target #1:	0.043
The Distance from Centroid Target #4 to Centroid Target #1:	0.065
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

BARBER - M24 0092701

SERIAL NUMBER: G6863553. __0

TARGET NUMBER: 1

FILE DATE: 08/19/2009

FILE TIME: 05:36

POINT#	X	Y
1:	1.258	-0.284
2:	0.683	-0.388
3:	0.024	-0.150
4:	-0.690	-0.735
5:	-0.462	0.123
6:	-0.580	0.414
7:	-0.795	0.606
8:	0.262	0.569
9:	0.236	0.322
10:	-0.037	0.378

X CENTROID: -0.010

Y CENTROID: 0.085

POA TO CENTROID: 0.086

HORZ SPREAD: 2.053

VERT SPREAD: 1.341

GROUP SPREAD: 2.238

MIN RADIUS: 0.238

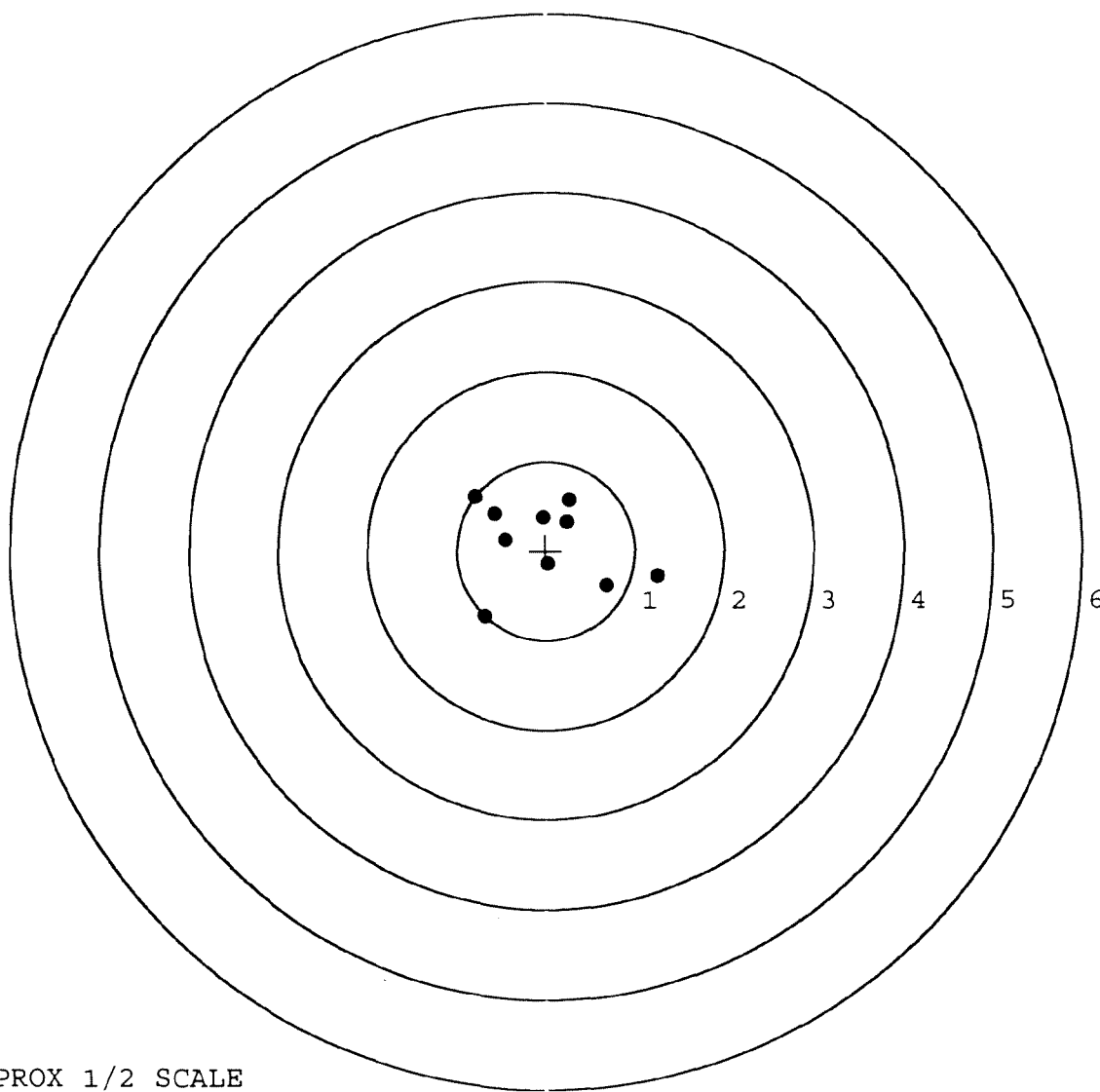
MAX RADIUS: 1.321

MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092702

SERIAL NUMBER: G6863553. __ 0

TARGET NUMBER: 2

FILE DATE: 08/19/2009

FILE TIME: 05:36

POINT#	X	Y
1:	-0.079	-0.440
2:	0.527	-0.620
3:	-0.716	0.170
4:	0.375	-0.252
5:	0.192	-0.042
6:	0.062	0.079
7:	-0.407	0.376
8:	-0.182	0.354
9:	-0.150	0.113
10:	0.066	0.203

X CENTROID: -0.031

Y CENTROID: -0.006

POA TO CENTROID: 0.032

HORZ SPREAD: 1.243

VERT SPREAD: 0.996

GROUP SPREAD: 1.473

MIN RADIUS: 0.126

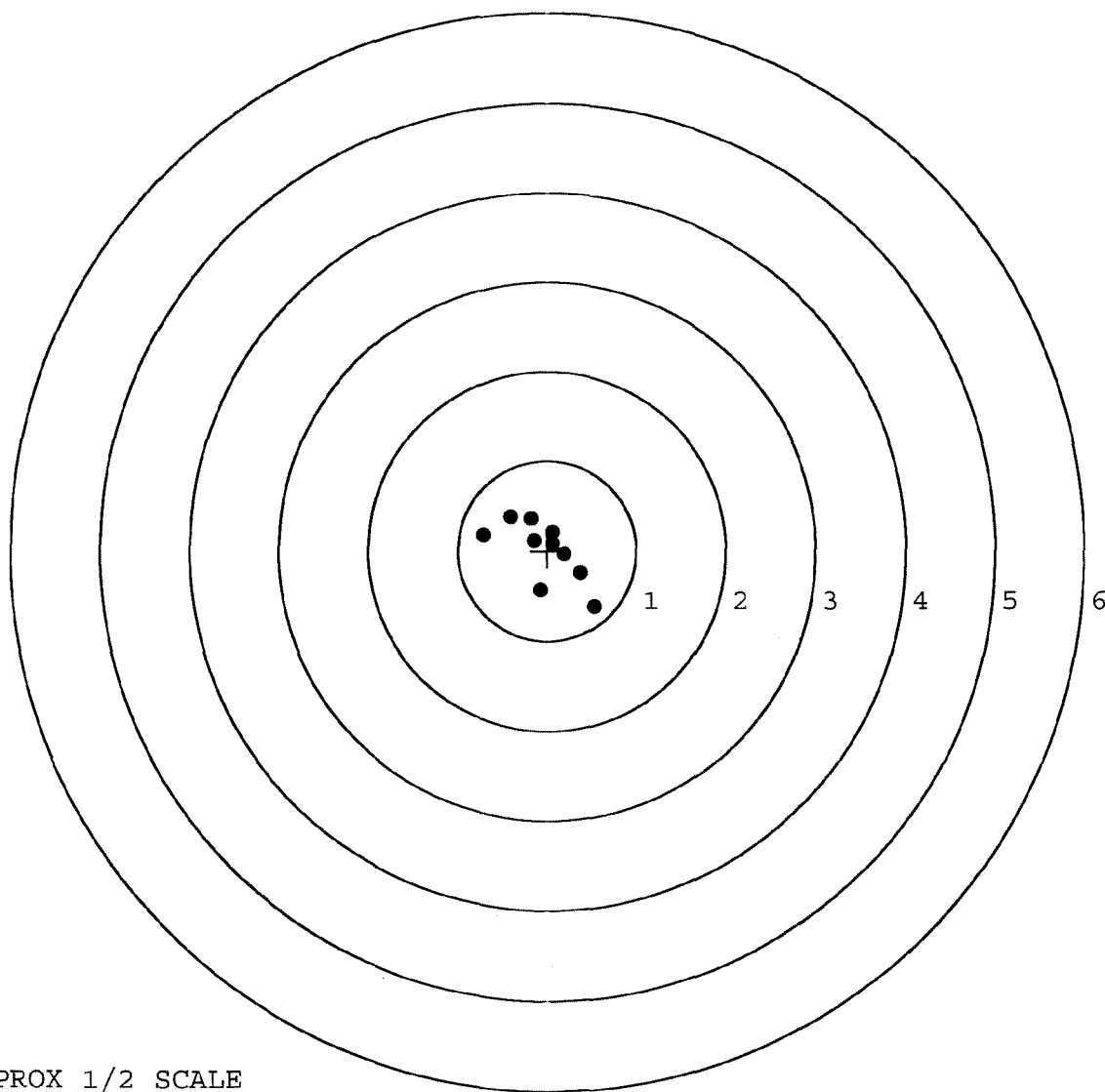
MAX RADIUS: 0.830

MEAN RADIUS: 0.413

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092703

SERIAL NUMBER: G6863553. __0

TARGET NUMBER: 3

FILE DATE: 08/19/2009

FILE TIME: 05:36

POINT#	X	Y
1:	0.247	0.920
2:	0.614	-0.011
3:	0.154	-0.458
4:	-0.623	-0.379
5:	0.086	-0.229
6:	0.162	0.183
7:	-0.234	0.333
8:	-0.388	0.316
9:	-0.343	-0.054
10:	-0.186	0.117

X CENTROID: -0.051

Y CENTROID: 0.074

POA TO CENTROID: 0.090

HORZ SPREAD: 1.237

VERT SPREAD: 1.378

GROUP SPREAD: 1.563

MIN RADIUS: 0.142

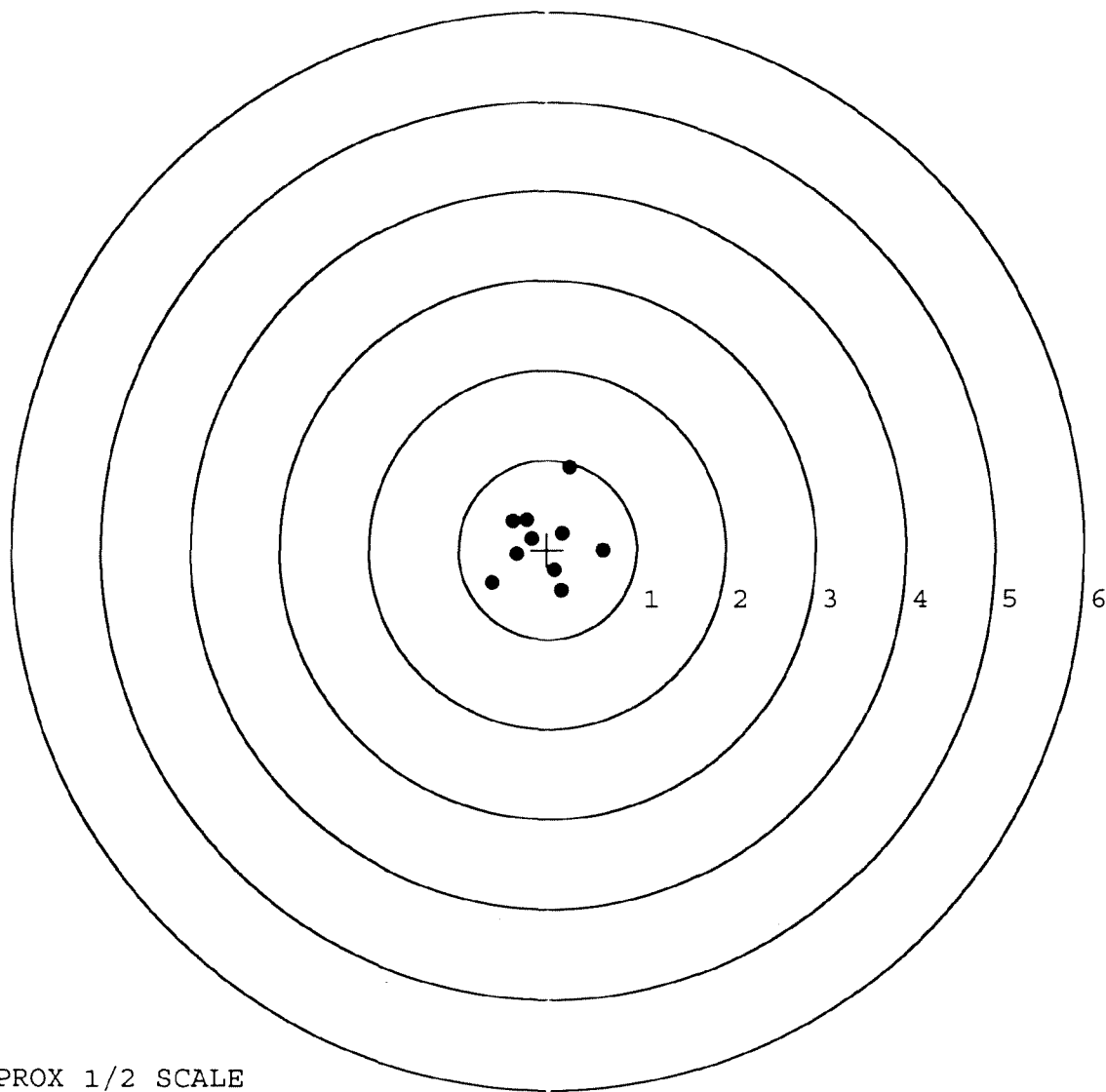
MAX RADIUS: 0.897

MEAN RADIUS: 0.463

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092704

SERIAL NUMBER: G6863553. __ 0

TARGET NUMBER: 4

FILE DATE: 08/19/2009

FILE TIME: 05:36

POINT#	X	Y
1:	0.330	0.846
2:	0.722	0.814
3:	0.413	-0.495
4:	0.382	-0.147
5:	-0.641	-0.012
6:	-0.125	0.150
7:	-0.282	0.144
8:	-0.285	-0.186
9:	-0.258	0.028
10:	0.296	-0.265

X CENTROID: 0.055

Y CENTROID: 0.088

POA TO CENTROID: 0.104

HORZ SPREAD: 1.363

VERT SPREAD: 1.341

GROUP SPREAD: 1.594

MIN RADIUS: 0.191

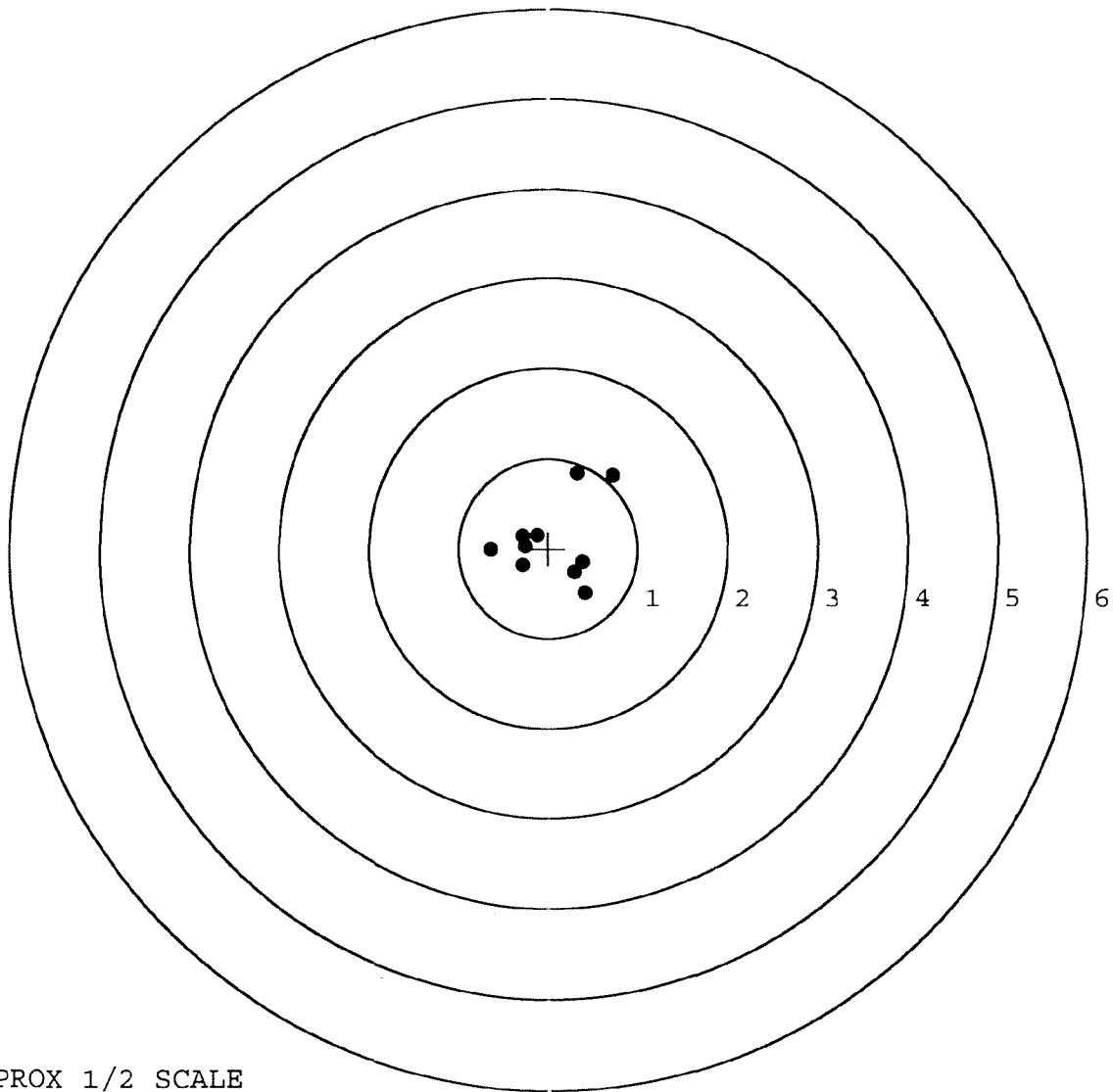
MAX RADIUS: 0.986

MEAN RADIUS: 0.530

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092705

SERIAL NUMBER: G6863553. __0

TARGET NUMBER: 5

FILE DATE: 08/19/2009

FILE TIME: 05:36

POINT#	X	Y
1:	-1.348	-0.418
2:	-0.497	-0.260
3:	1.026	0.008
4:	0.755	0.066
5:	0.401	-0.337
6:	-0.283	0.037
7:	0.015	0.033
8:	0.362	0.198
9:	0.035	0.384
10:	0.144	0.202

X CENTROID: 0.061

Y CENTROID: -0.009

POA TO CENTROID: 0.062

HORZ SPREAD: 2.374

VERT SPREAD: 0.802

GROUP SPREAD: 2.412

MIN RADIUS: 0.062

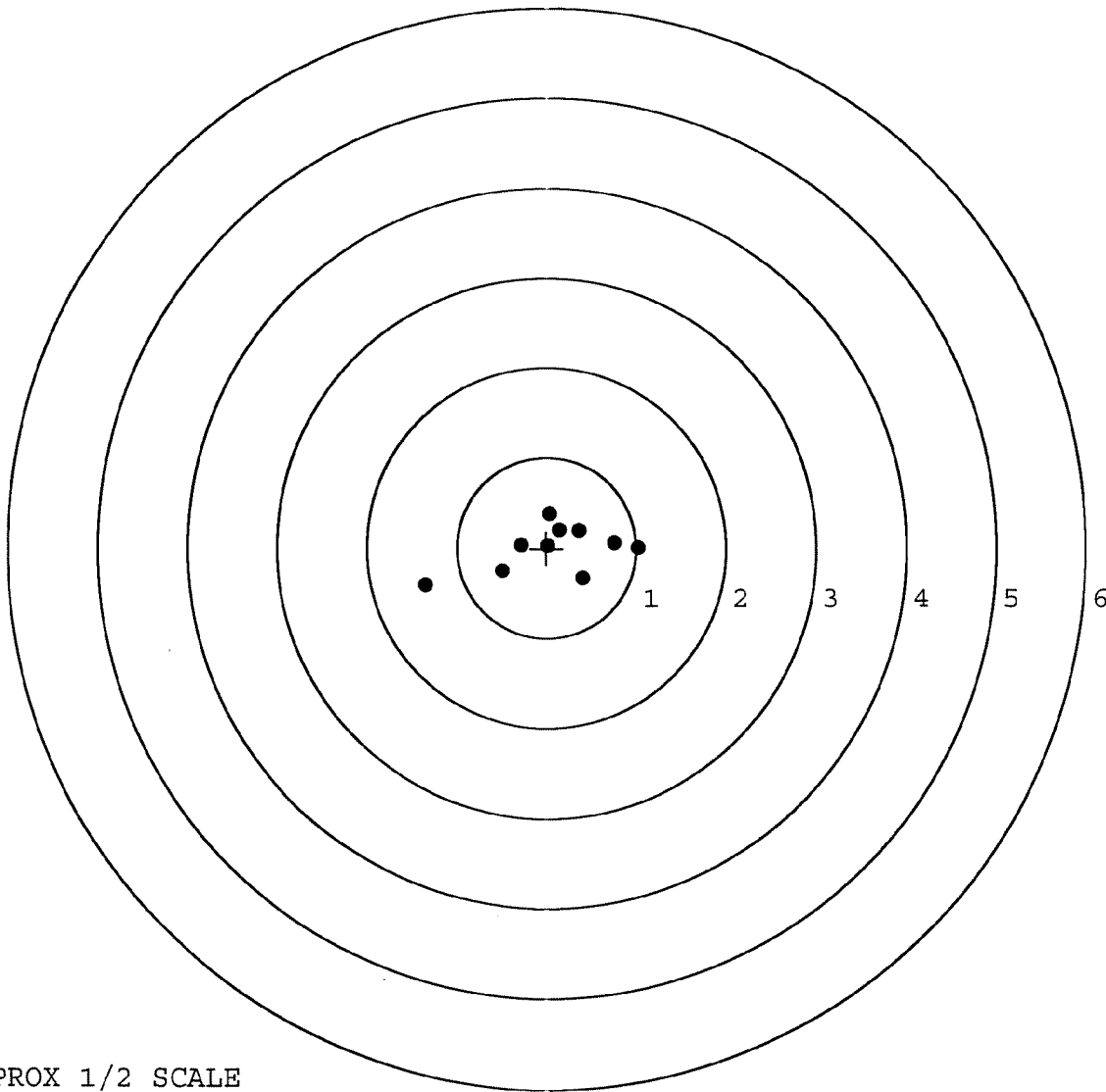
MAX RADIUS: 1.467

MEAN RADIUS: 0.561

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00113114

Serial: C6523448 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 6/1/2006 11:11:17 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS BLDG 318

USPFO FOR ARKANSAS BLDG 318

Address 2: CAMP JOSEPH T ROBINSON PO Box:

CAMP JOSEPH T ROBINSON PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/1/2006

3:10 PM

CAPS

NUM

INS

SCRL



G6410269

Serial Number: ~~C6523448~~

Model: M24 SWS



RE00113114

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410269.___0
FILE DATE AND TIME: 06/15/2006 16:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.175
The Average Y Centroid of the Five Target Set:	0.057
The Average Point of Impact of the Five Target Set:	0.184
The Average Mean Radius of the Five Target Set:	0.906
The Distance from POA to Centroid Target #1:	0.532
The Distance from Centroid Target #2 to Centroid Target #1:	0.697
The Distance from Centroid Target #3 to Centroid Target #1:	0.504
The Distance from Centroid Target #4 to Centroid Target #1:	0.417
The Distance from Centroid Target #5 to Centroid Target #1:	0.394

BARBER - M24 0092708

SERIAL NUMBER: G6410269. __ 0

TARGET NUMBER: 1

FILE DATE: 06/15/2006

FILE TIME: 16:23

POINT#	X	Y
1:	-0.387	0.868
2:	0.384	0.604
3:	0.461	0.432
4:	0.226	-0.035
5:	0.446	-0.719
6:	-0.428	-0.363
7:	-0.695	-1.258
8:	-1.683	-0.001
9:	-1.206	3.762
10:	-0.298	0.979

X CENTROID: -0.318

Y CENTROID: 0.427

POA TO CENTROID: 0.532

HORZ SPREAD: 2.144

VERT SPREAD: 5.020

GROUP SPREAD: 5.046

MIN RADIUS: 0.446

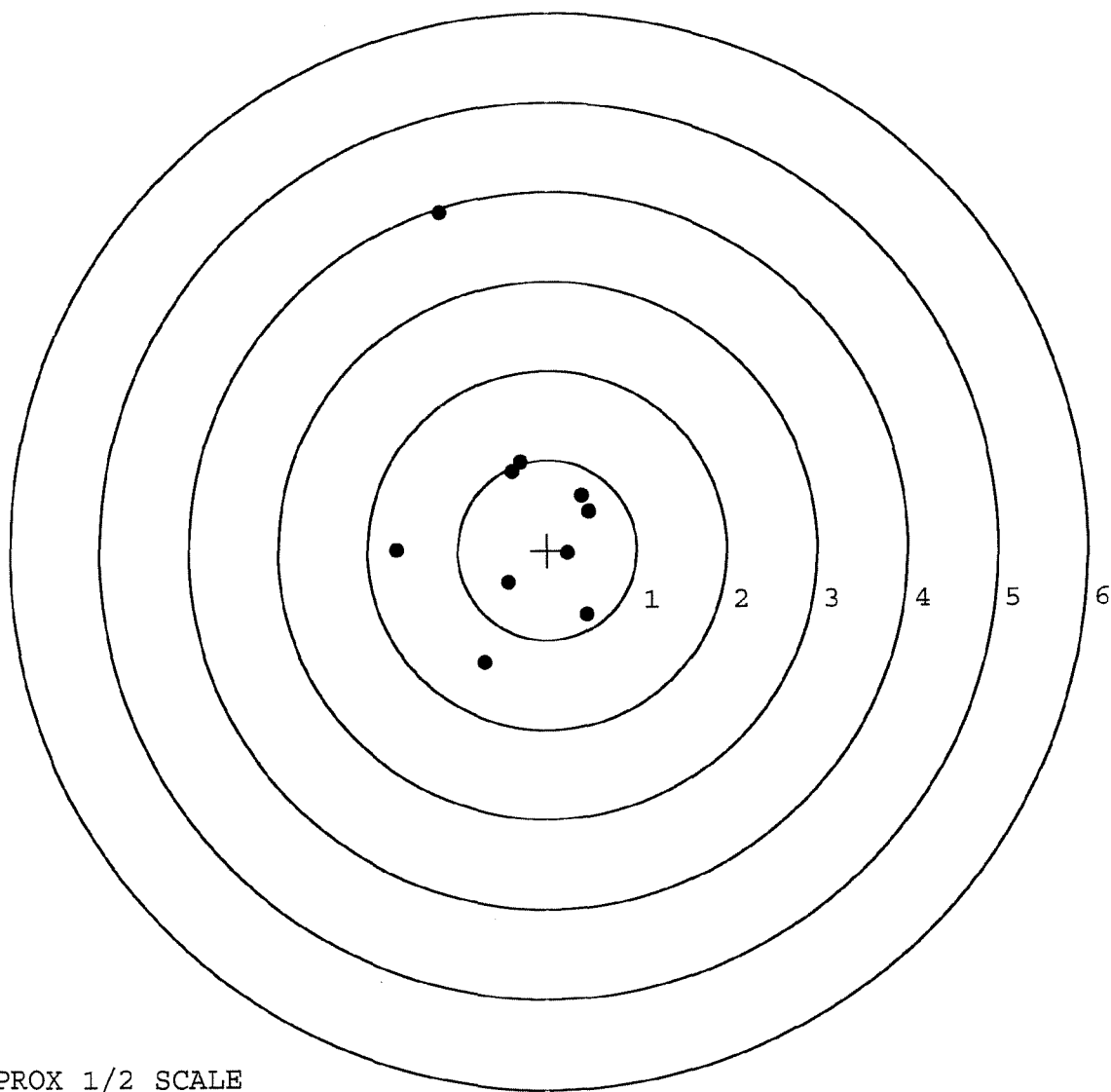
MAX RADIUS: 3.451

MEAN RADIUS: 1.200

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0092709

SERIAL NUMBER: G6410269. __0

TARGET NUMBER: 2

FILE DATE: 06/15/2006

FILE TIME: 16:23

POINT#	X	Y
1:	0.109	0.829
2:	0.545	0.843
3:	0.576	0.625
4:	0.554	0.378
5:	0.456	-0.260
6:	1.085	-0.618
7:	0.205	-0.853
8:	-0.344	-0.894
9:	-1.388	-1.336
10:	-1.058	-0.214

X CENTROID: 0.074

Y CENTROID: -0.150

POA TO CENTROID: 0.167

HORZ SPREAD: 2.473

VERT SPREAD: 2.179

GROUP SPREAD: 2.913

MIN RADIUS: 0.398

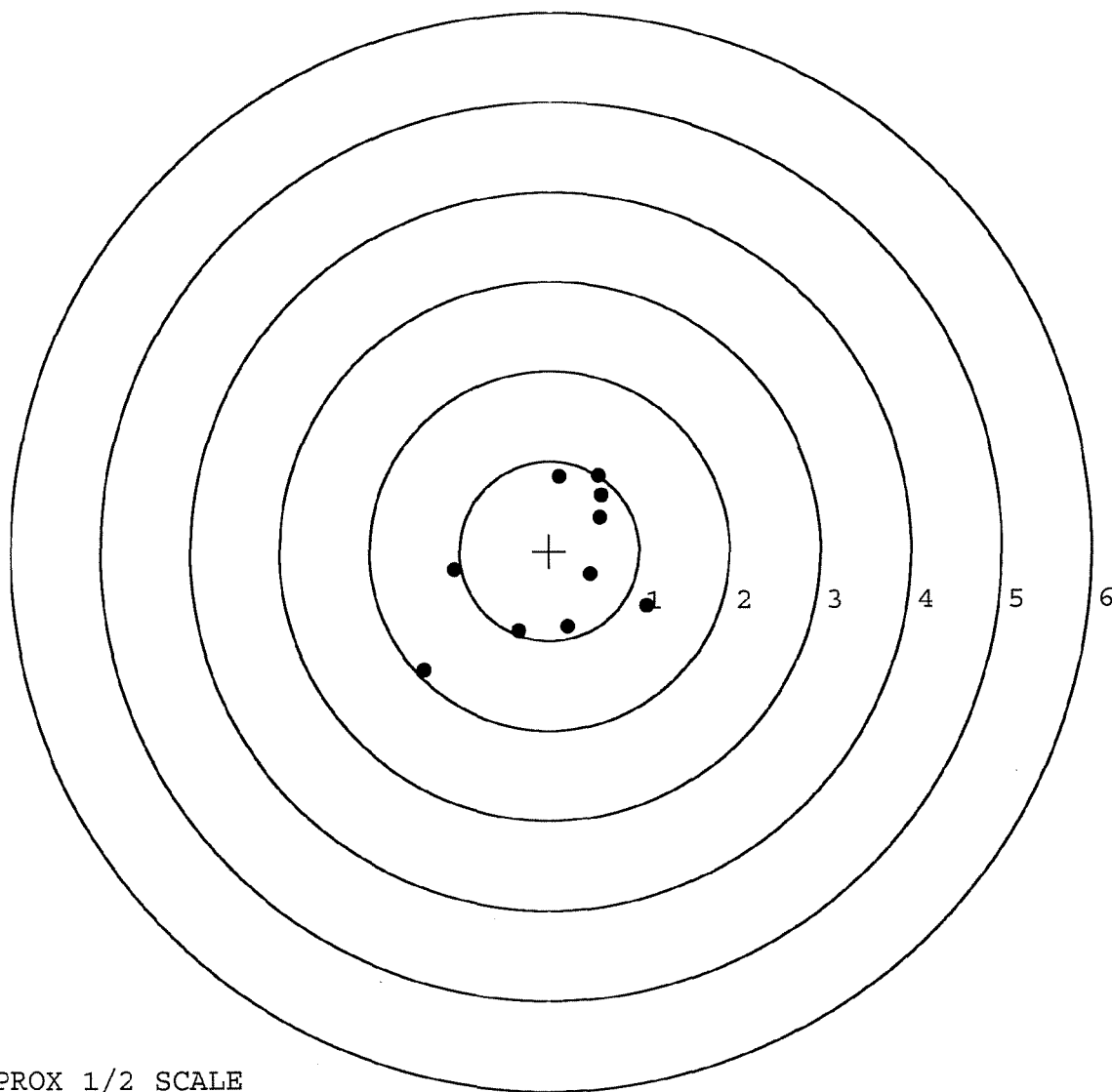
MAX RADIUS: 1.883

MEAN RADIUS: 0.981

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0092710

SERIAL NUMBER: G6410269. __0

TARGET NUMBER: 3

FILE DATE: 06/15/2006

FILE TIME: 16:23

POINT#	X	Y
1:	-0.420	0.997
2:	0.043	0.680
3:	0.588	0.366
4:	0.864	0.656
5:	-0.462	0.033
6:	-0.478	-0.216
7:	-0.997	-0.657
8:	-1.229	-1.149
9:	-0.193	-0.782
10:	0.392	-0.532

X CENTROID: -0.189

Y CENTROID: -0.060

POA TO CENTROID: 0.199

HORZ SPREAD: 2.093

VERT SPREAD: 2.146

GROUP SPREAD: 2.764

MIN RADIUS: 0.288

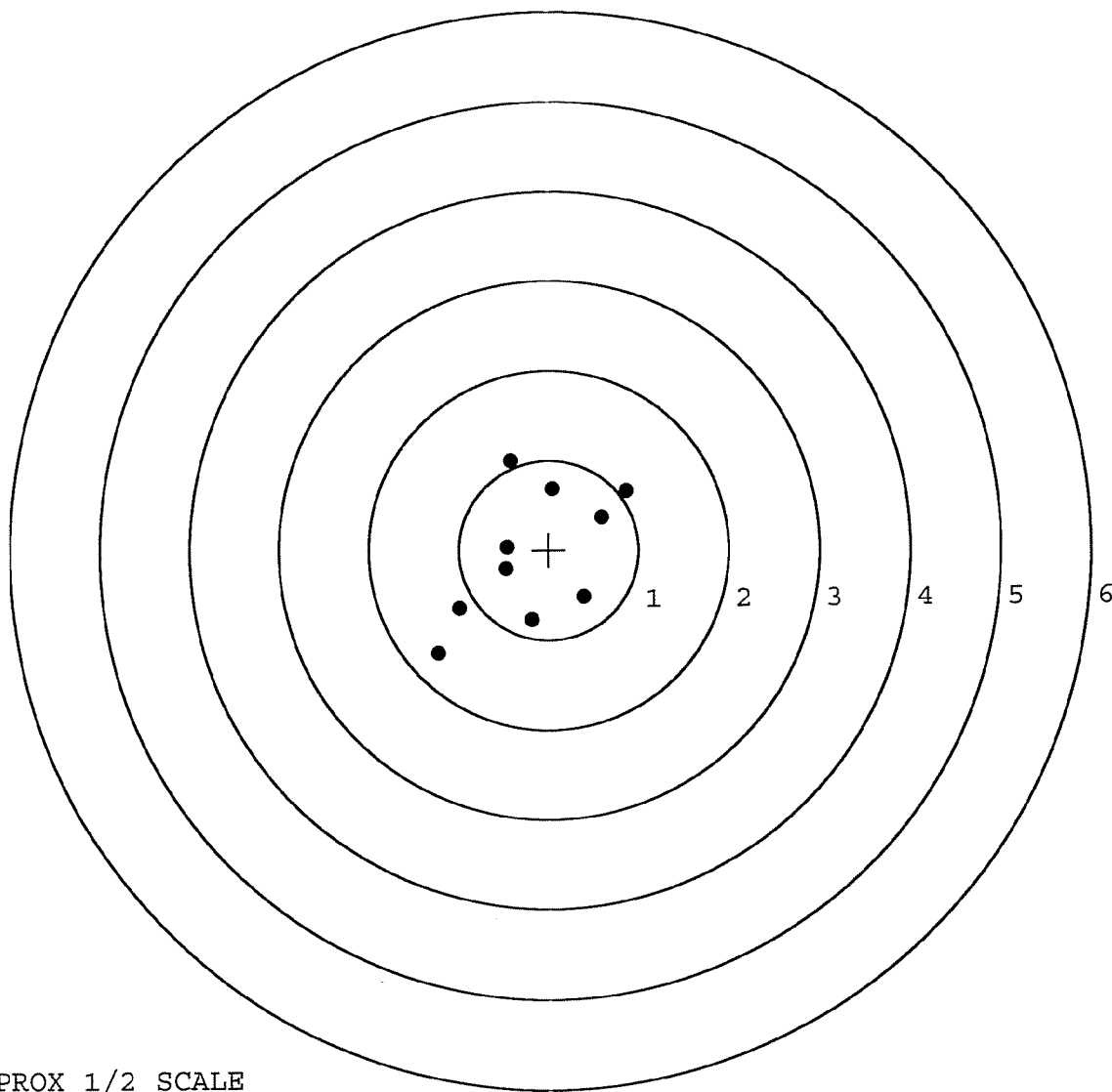
MAX RADIUS: 1.505

MEAN RADIUS: 0.861

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0092711

SERIAL NUMBER: G6410269. __0

TARGET NUMBER: 4

FILE DATE: 06/15/2006

FILE TIME: 16:23

POINT#	X	Y
1:	-1.759	-0.589
2:	-1.030	0.834
3:	-0.379	0.305
4:	0.390	0.866
5:	0.511	0.167
6:	1.082	0.003
7:	0.281	-0.404
8:	-0.425	0.241
9:	-0.340	-0.408
10:	-0.787	-0.857

X CENTROID: -0.246

Y CENTROID: 0.016

POA TO CENTROID: 0.246

HORZ SPREAD: 2.841

VERT SPREAD: 1.723

GROUP SPREAD: 2.902

MIN RADIUS: 0.288

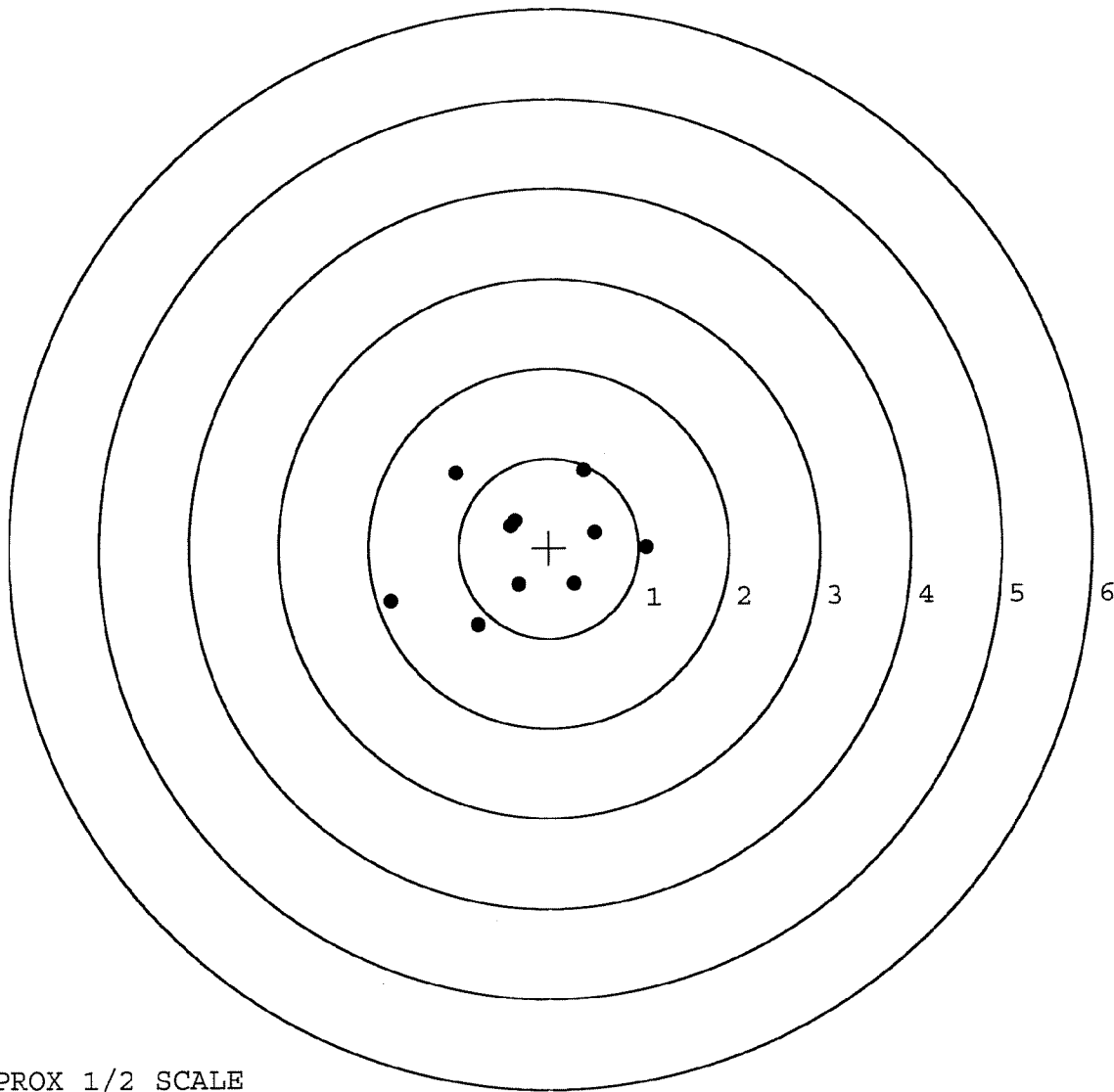
MAX RADIUS: 1.630

MEAN RADIUS: 0.867

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0092712

SERIAL NUMBER: G6410269. 0

TARGET NUMBER: 5

FILE DATE: 06/15/2006

FILE TIME: 16:23

POINT#	X	Y
1:	-0.851	1.048
2:	-0.390	1.189
3:	-0.252	0.585
4:	0.070	0.079
5:	-0.155	0.088
6:	0.212	-0.266
7:	-0.169	-0.258
8:	-0.260	-0.757
9:	-0.036	-1.195
10:	-0.111	0.015

X CENTROID: -0.194

Y CENTROID: 0.053

POA TO CENTROID: 0.201

HORZ SPREAD: 1.063

VERT SPREAD: 2.384

GROUP SPREAD: 2.410

MIN RADIUS: 0.053

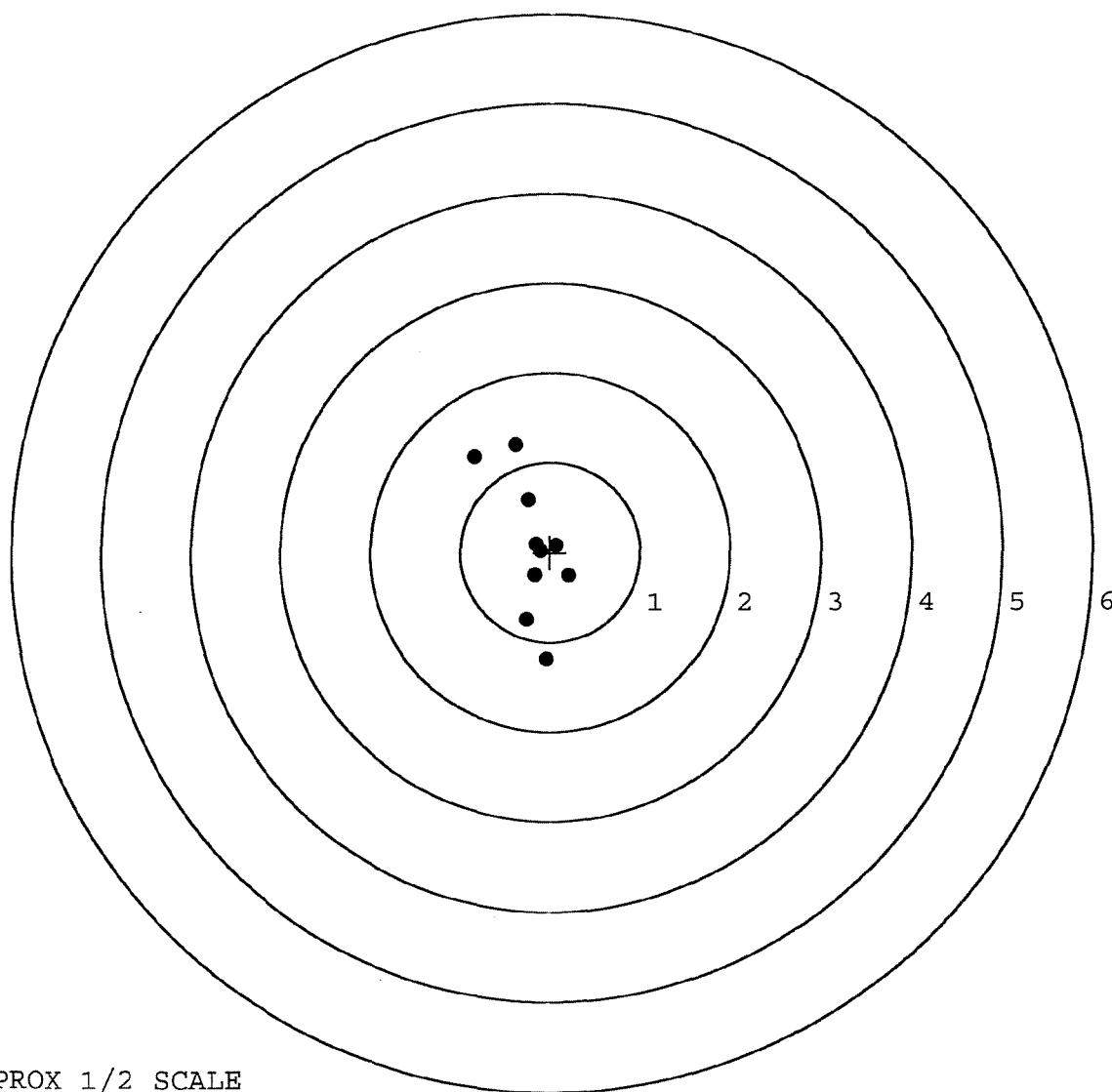
MAX RADIUS: 1.258

MEAN RADIUS: 0.619

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

20/10

R & E NUMBER	00113114		Markmanship Training Center	
SERIAL NUMBER	C6523448		G6410269	
LOG-IN DATE	6-1-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-5-06	A
505	RE-BARREL		6-6-06	A
560	ASSEMBLE		6-6-06	A
600	PROOF	MAGNA-FLUX INSPECTED	6-7-06	R.P.
605	CHECK HEADSPACE	JUN 09 2006	6-7-06	R.P.
610	DIS-ASSEMBLE GUN		6-7-06	A
612	MAGNAFLUX	OPERATOR <u>APD</u>	6-9-06	APD
510	DRILL AND TAP		6-8-06	TRW
615	ROLLMARK CALIBER		6-9-06	CW
618	ROTO-BLAST		6-9-06	LB
620	APPLY COATINGS		6-13-06	TS
625	FINAL ASSEMBLY		6-14-06	A
640	FUNCTION TEST AND	PASS FAIL	6-15-06	L.P.D.
650	TARGET	PASS FAIL	6-15-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-19-06	MTM
	A) HEADSPACE	PASS FAIL	6-19-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6 lbs. 6 lbs. 6 lbs.	6-19-06 MTM
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs. 4 lbs. 4 lbs.	6-19-06 MTM
	I) FIRING PIN INDENT	.020	.021 .021 .021	6-19-06 MTM
690	PACK		7-5-06	GA

Arms Services Repair & Estimate System
BARBER - M24 0092714

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

Repair Inquiry

Repair Number: **RE00068099** Serial: C6523448 Model 700 Center Fire Caliber: 7
 Verify Repair 62 NATO M/24 SWS Repairman: Status: Closed 7/28/2003 11:16:34 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **USPFO FOR ARK** **USPFO FOR ARK**

Address 1: **CAMP J T ROBINSON** **CAMP J T ROBINSON**

Address 2: **NORTH LITTLE ROCK** PO Box: **NORTH LITTLE ROCK** PO Box:

City: **AR** Zip Code: **72119** Country: **US** State: **AR** Zip Code: **72119** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing												
Contact Information Phone: Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>C000</td> <td>FRONT AND REAR B.</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	C000	FRONT AND REAR B.	1		
Code	Desc	Qty														
A007	With Stud	3														
A017	Scope Base	1														
C000	FRONT AND REAR B.	1														

Repair Search **Refresh** **Close**

nagletj 7/28/2003 12:47 PM CAPS NUM INS SCPL

start 6 Mic 4 Mic Arms Sc 14 Excl 1 Main 2 Mic Part Sea 12:47 PM

Serial Number: **C6523448**
 Model: **700**

RE00068099

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523448.___0
FILE DATE AND TIME: 08/19/2003 06:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

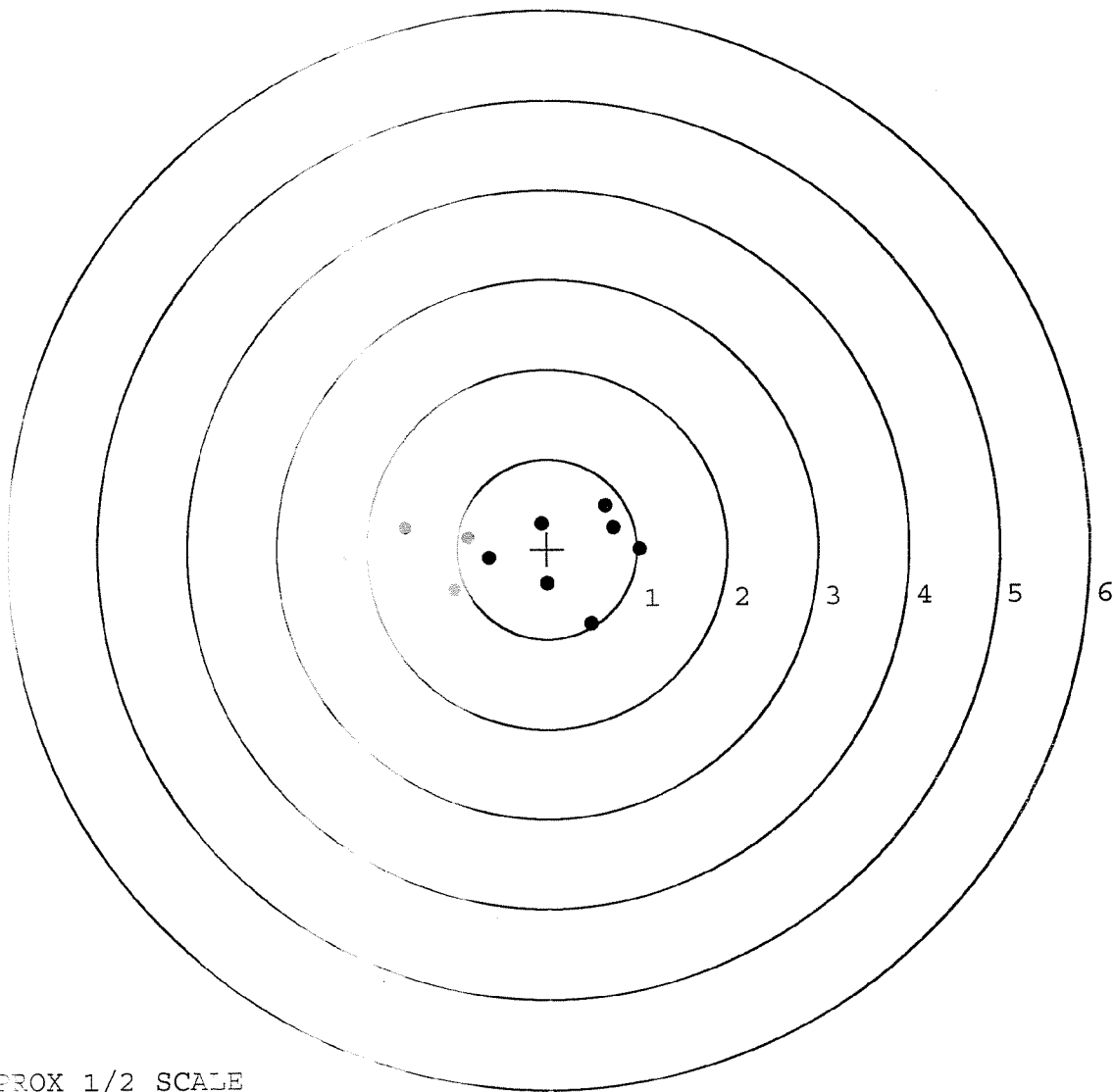
The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	0.003
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.135
The Distance from Centroid Target #2 to Centroid Target #1:	0.062
The Distance from Centroid Target #3 to Centroid Target #1:	0.186
The Distance from Centroid Target #4 to Centroid Target #1:	0.126
The Distance from Centroid Target #5 to Centroid Target #1:	0.164

BARBER - M24 0092716

SERIAL NUMBER: C6523448. 0
 TARGET NUMBER: 1
 FILE DATE: 08/19/2003
 FILE TIME: 06:46

POINT#	X	Y
1:	0.491	-0.837
2:	-0.005	-0.389
3:	-0.648	-0.103
4:	-1.031	-0.463
5:	-0.874	0.126
6:	-1.578	0.246
7:	1.030	-0.012
8:	0.740	0.236
9:	0.651	0.483
10:	-0.060	0.286

X CENTROID: -0.128
 Y CENTROID: -0.043
 POA TO CENTROID: 0.135
 HORZ SPREAD: 2.608
 VERT SPREAD: 1.320
 GROUP SPREAD: 2.621
 MIN RADIUS: 0.336
 MAX RADIUS: 1.478
 MEAN RADIUS: 0.848
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092717

SERIAL NUMBER: C6523448. 0

TARGET NUMBER: 2

FILE DATE: 08/19/2003

FILE TIME: 06:46

POINT#	X	Y
1:	0.486	0.398
2:	-0.160	0.714
3:	0.433	0.013
4:	0.176	-0.045
5:	-0.229	-0.080
6:	-0.545	-0.324
7:	-0.727	-0.137
8:	-0.059	-0.576
9:	-0.133	-0.223
10:	0.093	-0.191

X CENTROID: -0.067

Y CENTROID: -0.045

POA TO CENTROID: 0.080

HORZ SPREAD: 1.213

VERT SPREAD: 1.290

GROUP SPREAD: 1.294

MIN RADIUS: 0.166

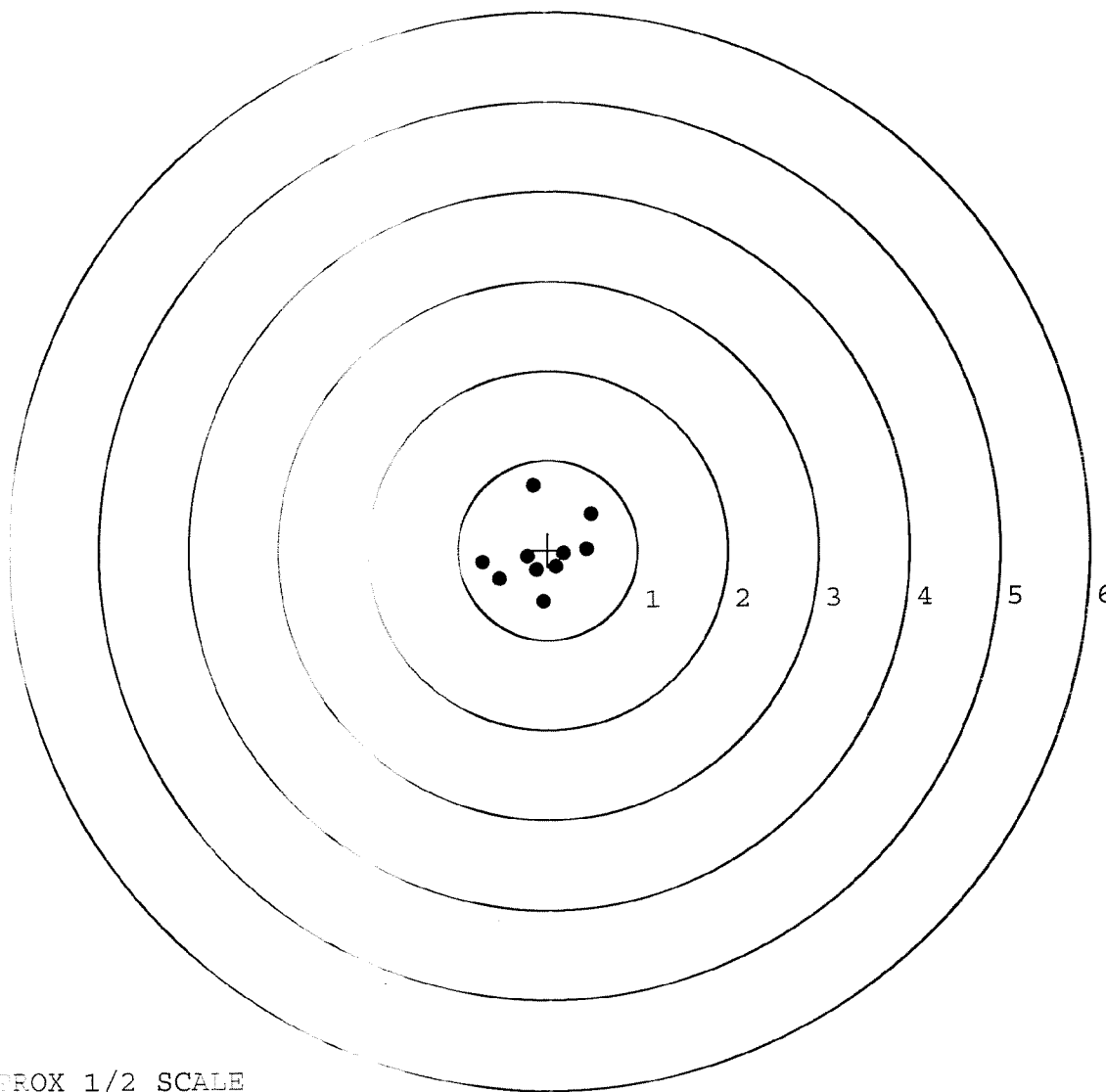
MAX RADIUS: 0.765

MEAN RADIUS: 0.454

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092718

SERIAL NUMBER: C6523448. 0

TARGET NUMBER: 3

FILE DATE: 08/19/2003

FILE TIME: 06:46

POINT#	X	Y
1:	0.346	-0.464
2:	-0.095	-0.401
3:	-0.447	-0.589
4:	-0.639	0.632
5:	-0.791	0.487
6:	0.611	0.743
7:	0.006	0.314
8:	0.100	0.336
9:	0.356	0.108
10:	0.101	0.068

X CENTROID: -0.045

Y CENTROID: 0.123

POA TO CENTROID: 0.131

HORZ SPREAD: 1.402

VERT SPREAD: 1.332

GROUP SPREAD: 1.701

MIN RADIUS: 0.156

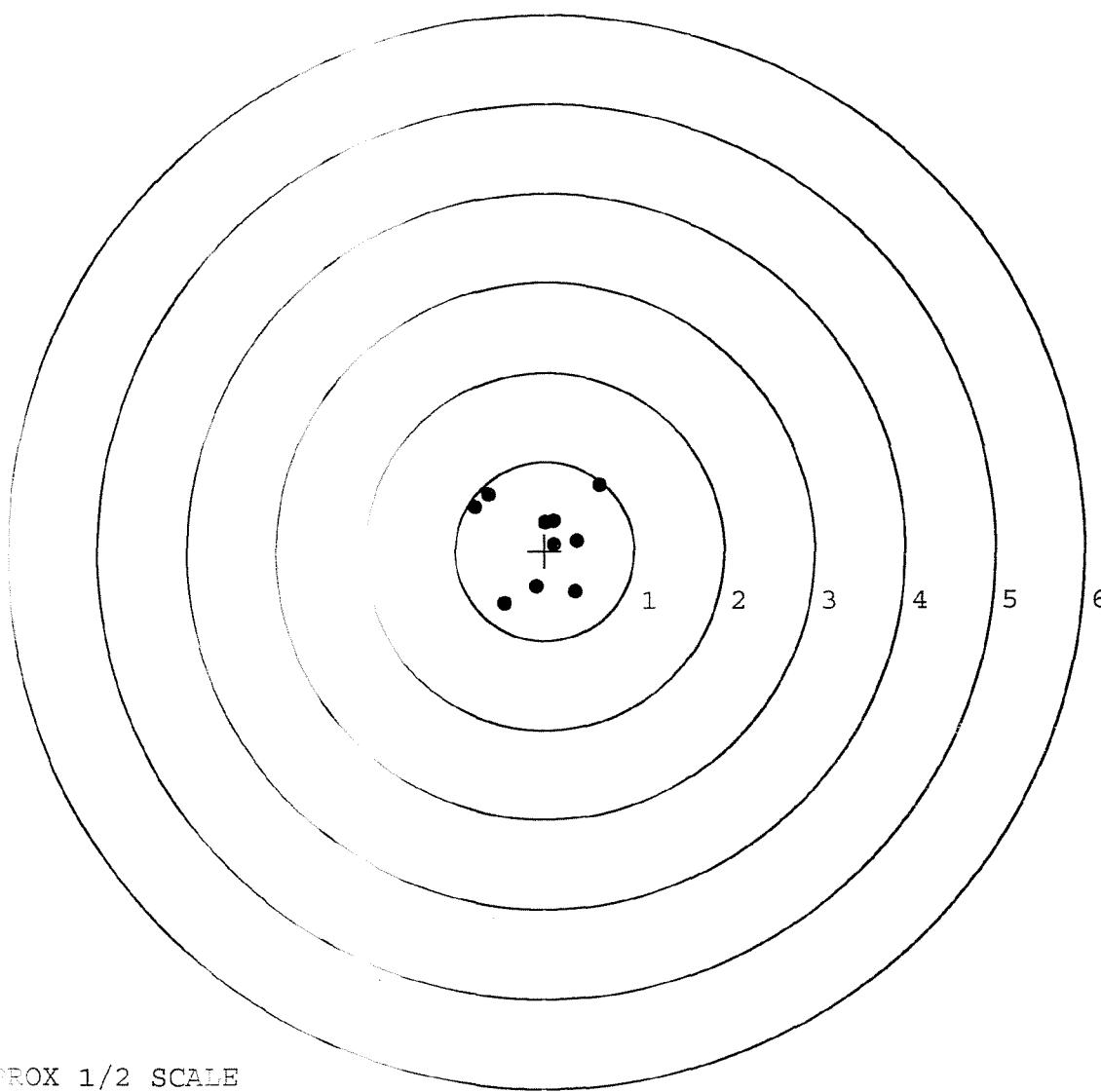
MAX RADIUS: 0.902

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092719

SERIAL NUMBER: C6523448. 0

TARGET NUMBER: 4

FILE DATE: 08/19/2003

FILE TIME: 06:46

POINT#	X	Y
1:	-0.087	-0.826
2:	-0.140	-0.552
3:	-0.266	-0.382
4:	0.086	-0.006
5:	0.336	-0.095
6:	0.517	-0.298
7:	0.569	-0.007
8:	0.183	0.813
9:	-0.545	0.415
10:	-0.737	0.116

X CENTROID: -0.008

Y CENTROID: -0.082

POA TO CENTROID: 0.083

HORZ SPREAD: 1.306

VERT SPREAD: 1.639

GROUP SPREAD: 1.661

MIN RADIUS: 0.121

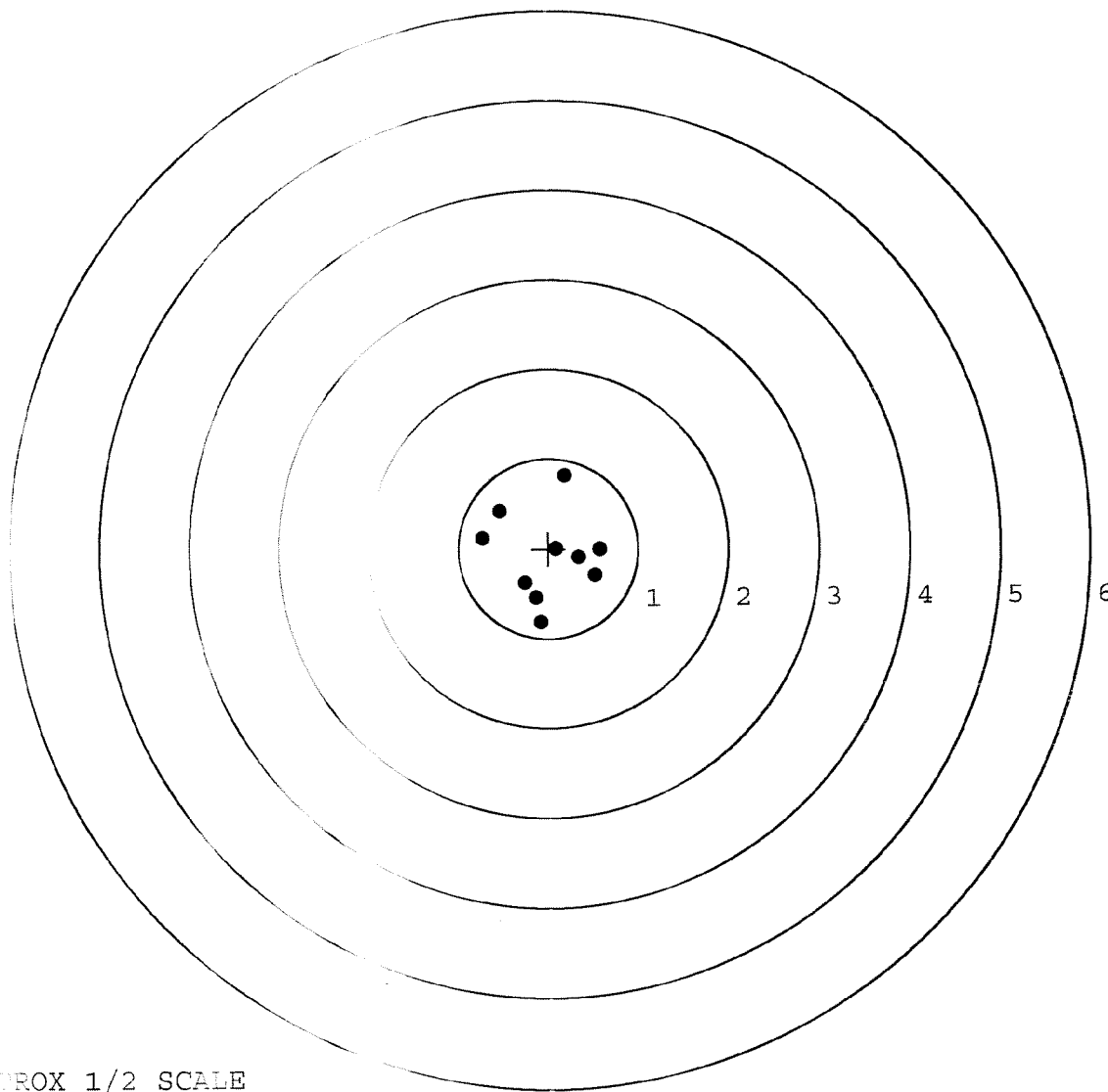
MAX RADIUS: 0.915

MEAN RADIUS: 0.565

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092720

SERIAL NUMBER: C6523448. 0

TARGET NUMBER: 5

FILE DATE: 08/19/2003

FILE TIME: 06:46

POINT#	X	Y
1:	0.738	0.098
2:	0.370	0.696
3:	0.172	0.585
4:	0.059	0.424
5:	-0.217	0.489
6:	0.149	-0.216
7:	-0.162	-0.090
8:	-0.057	-0.394
9:	-0.477	-0.385
10:	-0.605	-0.570

X CENTROID: -0.003

Y CENTROID: 0.064

POA TO CENTROID: 0.064

HORZ SPREAD: 1.343

VERT SPREAD: 1.266

GROUP SPREAD: 1.598

MIN RADIUS: 0.221

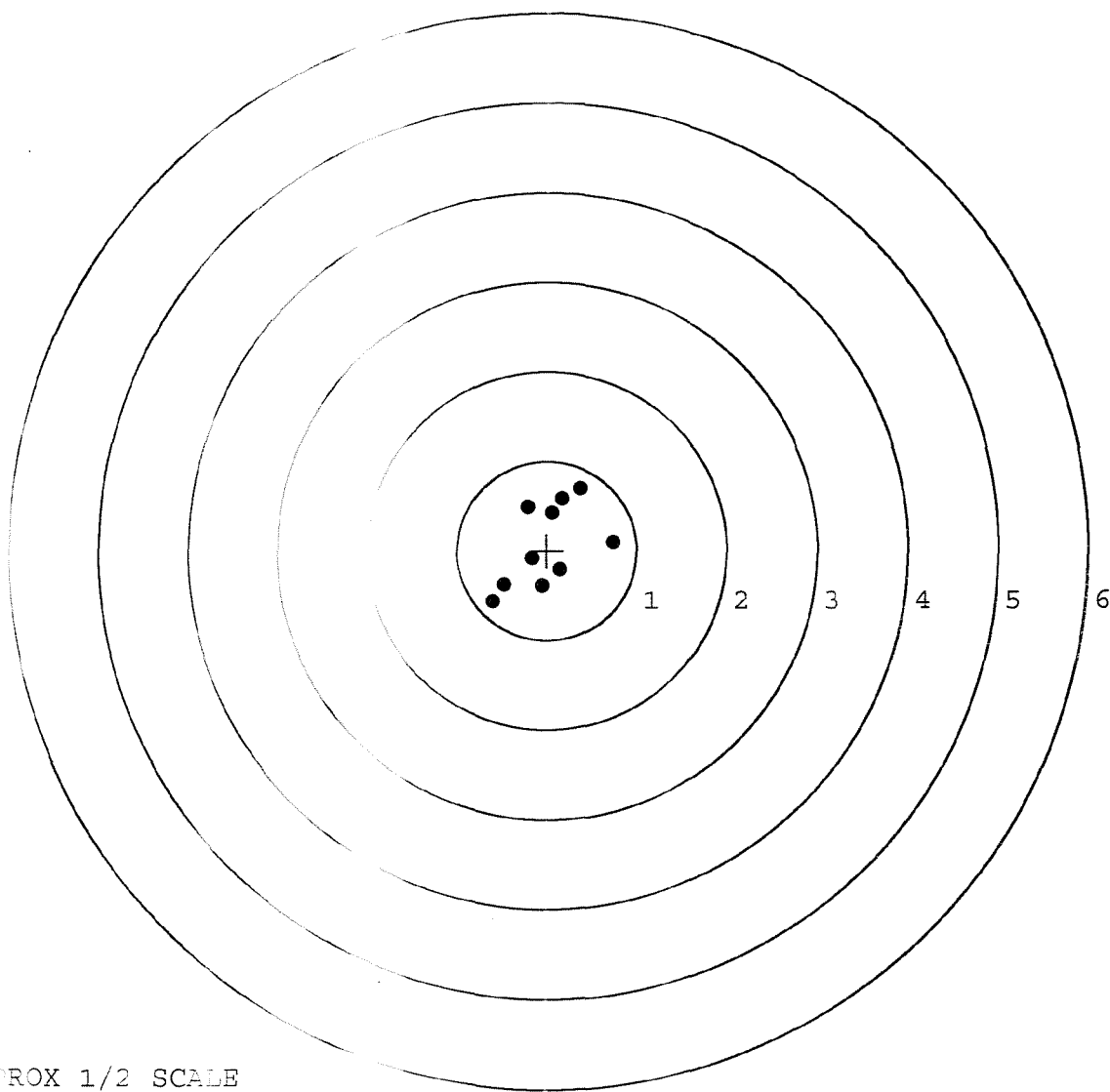
MAX RADIUS: 0.874

MEAN RADIUS: 0.539

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

IN 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0092721 FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6523448

INSPECTED BY: RTL

DATE REC'D: 7-28-03

DATE RET'D: 8-20-03

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	68099		
SERIAL NUMBER	C6523448		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-30-03	RTL
560 A	RE-BARREL	8-7-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE	8-11-03	RTL
600	PROOF	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TH
625 A	FINAL ASSEMBLY	8-18-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-19-03	TRW
655	FINAL INSPECT	8-20-03	RTL
660	PACK	8-20-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington
REG. U.S. PAT. & TM. OFF.

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

SERIAL NO.
C6523448

ORDER NO.
5716

MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

31

UPC

0 47700 25716 7

5716 C6523448

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523448

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	Kd
600	Proof		10/2/90	Kd
607	Check Headspace		10/2/90	Kd
610	Dis-assemble Gun		10/2/90	Kd
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	BB.
617	Drill and Tap Sight Holes		10/8/90	K-B
618	Polish Barrel RB		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/20/90	Kd
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/20/90	Kd
	C) Inspect Ejector Hole for Chamfer		10/20/90	Kd
	D) Oil Firing Pin Ass'y		10/20/90	Kd
	E) Adjust Trigger Pull to Min Setting and Stake		10/29/90	JA

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2	10/29/90	WLB	
	G) Safety Off Force	2	2	2	10/29/90	WLB	
	H) Trigger Pull Test & Retainability				10/29/90	WLB	
	I) Firing Pin Indent	.021	.0215	.0215	10/29/90	WLB	
	J) Assemble Stock				10/31/90	KH	
	K) Assemble Swivel Studs				11/19/90	QSS	
	L) Attach Front and Rear Sight Assemblies				10/31/90	KH	
	M) Iron Sight Alignment				10/31/90	KH	
	N) Detach Front & Rear Sights & place in numbered container				10/31/90	KH	
	O) Attach Scope to Rifle				10/31/90	KH	
	P) Detach & Attach Scope 20 Times				10/31/90	KH	
640	Gallery Target & Test				11-1-90	DH	
	A) Time				11-1-90	DH	
	B) Malfunctions				11-1-90	DH	
	C) Pierced Primers				11-1-90	DH	
	D) Optical Clarity of Scope				11-1-90	DH	
645	Inspect for Live Ammo				11-1-90	DH	
655	Final Inspection						
	A) Headspace				11/19/90	QSS	
	B) Trigger Pull	2.49	2.12	2.33	2.44	2.42	11/19/90
	C) Function				11/19/90	QSS	
660	Pack				12/14/90	AF	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06523448

DATE 10/29/90

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.18	2.50	2.46	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.55	2.37	2.12	
PULL #3	2.51	2.23	2.27	2.33	
PULL #4	2.50	2.32	2.36	2.44	
PULL #5	2.48	2.39	2.38	2.42	
TOTAL	12.17	11.99	11.84		
AVG.	2.434	2.398	2.368		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.45		
PULL #2	3.45	3.15		
PULL #3	3.46	3.32		
PULL #4	3.50	3.33		
PULL #5	3.48	3.36		
TOTAL	17.32	16.61		
AVG.	3.464	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.23		4.41
PULL #2	4.36	4.30		4.46
PULL #3	4.32	4.41		4.48
PULL #4	4.48	4.37		4.44
PULL #5	4.35	4.35		4.35
TOTAL	21.77	21.66		22.14
AVG.	4.354	4.332		4.428

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523448
1 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.305629
1 TO	2	.756429
1 TO	3	.701501
1 TO	4	.13507
1 TO	5	.126036

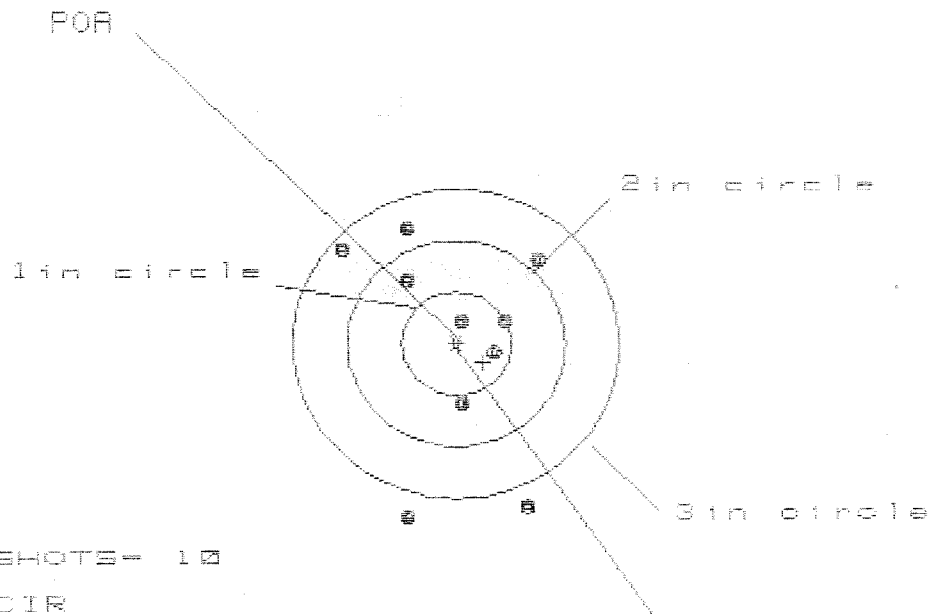
ϕ $\rightarrow$ r_b $\leftarrow$ ---- POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1258
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0828
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .150604
THE AMR FOR THIS RIFLE IS: 1.017

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523448

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.786

VS= 2.764

GS= 3.091

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.756	.829	.782
MINIMUM X	-1.030	-.957	-1.084
MAXIMUM Y	1.098	.918	.687
MINIMUM Y	-1.666	-1.846	-1.913
CENTROID X	-.247	-.320	-.273
CENTROID Y	.180	.360	.591
POA TO CENTROID in.	.305	.482	.651
MIN RADIUS	.265	.183	.204
MEAN RADIUS	.974	.865	.715
MAX RADIUS	1.751	1.884	1.147
HORIZONTAL SPREAD	1.786	1.786	1.786
VERTICAL SPREAD	2.764	2.764	1.700
EXTREME SPREAD	3.091	2.798	1.887
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523448

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.152

VS= 3.171

GS= 3.541

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.075	1.181	1.080
MINIMUM X	-1.077	-0.971	-1.072
MAXIMUM Y	1.315	1.109	1.227
MINIMUM Y	-1.856	-1.000	-0.882
CENTROID X	.076	-.030	.071
CENTROID Y	-.504	-.298	-.416
POA TO CENTROID in.	.510	.300	.422
MIN RADIUS	.267	.440	.345
MEAN RADIUS	1.122	1.002	.959
MAX RADIUS	2.086	1.548	1.394
HORIZONTAL SPREAD	2.152	2.152	2.152
VERTICAL SPREAD	3.171	2.109	2.109
EXTREME SPREAD	3.541	2.785	2.473
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

1 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523448

CENTERFIRE PATTERNS

3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 3.134

VS= 2.229

GS= 3.325

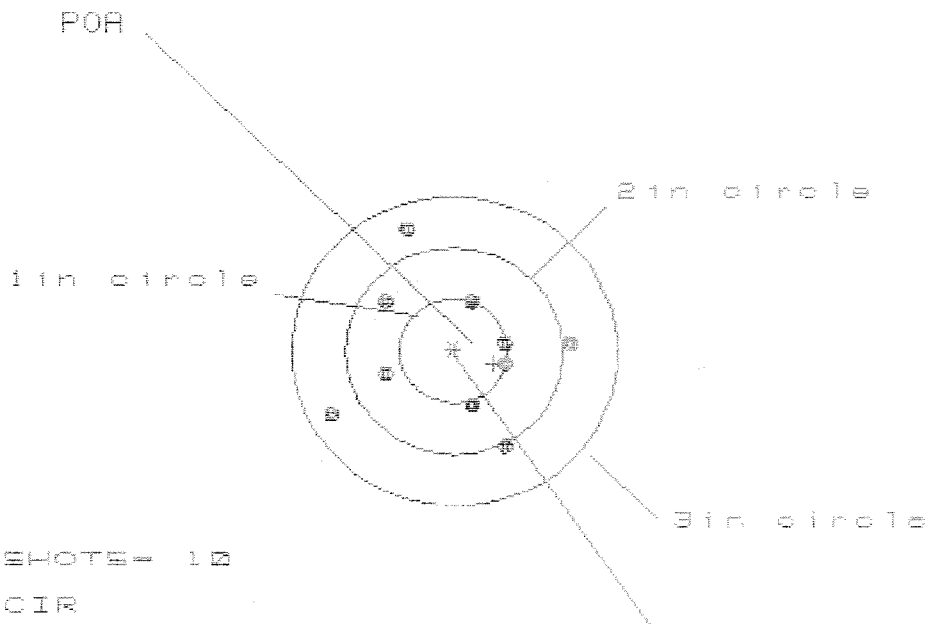
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.385
MINIMUM X	-1.749
MAXIMUM Y	1.126
MINIMUM Y	-1.193
CENTROID X	.255
CENTROID Y	-.310
POR TO CENTROID in.	.401
MIN RADIUS	.518
MEAN RADIUS	1.080
MAX RADIUS	1.958
HORIZONTAL SPREAD	3.134
VERTICAL SPREAD	2.229
EXTREME SPREAD	3.325
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9

1 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523448

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.217

VS = 2.109

GS = 2.318

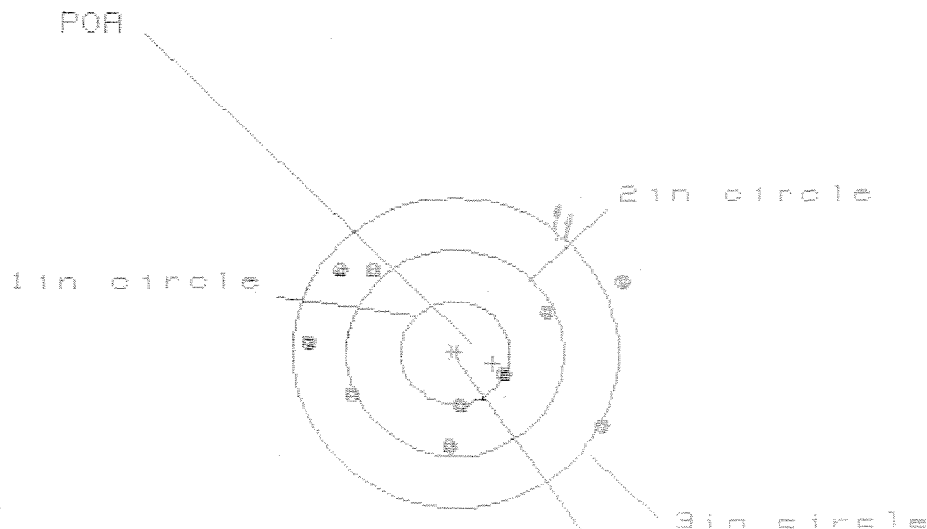
CENTROID #

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.115	1.066	.922
MINIMUM X	-1.102	-1.151	-.864
MAXIMUM Y	1.228	.633	.572
MINIMUM Y	-.881	-.744	-.805
CENTROID X	-.367	-.318	-.174
CENTROID Y	.118	-.019	.042
POA TO CENTROID in.	.385	.318	.179
MIN RADIUS	.463	.393	.272
MEAN RADIUS	.817	.747	.653
MAX RADIUS	1.385	1.250	1.020
HORIZONTAL SPREAD	2.217	2.217	1.786
VERTICAL SPREAD	2.109	1.377	1.377
EXTREME SPREAD	2.318	2.318	1.833
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

1 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523448

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.915

VS= 1.778

GS= 2.979

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.521	1.474	1.216
MINIMUM X	-1.394	-1.225	-1.041
MAXIMUM Y	.835	.911	.832
MINIMUM Y	-.943	-.867	-.947
CENTROID X	-.346	-.515	-.699
CENTROID Y	.102	.026	.106
POA TO CENTROID in.	.368	.515	.707
MIN RADIUS	.586	.497	.667
MEAN RADIUS	1.034	1.018	.941
MAX RADIUS	1.668	1.606	1.265
HORIZONTAL SPREAD	2.915	2.699	2.237
VERTICAL SPREAD	1.778	1.778	1.778
EXTREME SPREAD	2.979	2.818	2.274
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523448DATE 11-8-94TESTER Bm

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.37	2.50		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.34	2.45		
PULL #3	2.44	2.37	2.58		
PULL #4	2.42	2.40	2.49		
PULL #5	2.39	2.33	2.52		
TOTAL	12.15	11.81	12.54		
AVG.	2.43	2.36	2.50		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.14		
PULL #2	3.03	3.14		
PULL #3	3.18	3.16		
PULL #4	3.17	3.11		
PULL #5	3.08	2.97		
TOTAL	15.65	15.52		
AVG.	3.13	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	3.96		4.15
PULL #2	4.09	3.96		4.18
PULL #3	4.06	3.90		4.14
PULL #4	4.09	3.93		3.99
PULL #5	4.01	3.99		4.19
TOTAL	20.28	19.74		20.65
AVG.	4.05	3.94		4.13

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523448

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0092736 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5			11/22	LB
	G) Safety Off Force	3	3	3			11/22	LB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
45	Inspect for Live Ammo							
55	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.55	2.67	2.58	2.61	2.61	11/22/93	LB
	C) Function							
60	Pack							