

G6695417
Replaces
C6594604

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: RE00166303

Serial: C6594604 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Verify Repair

Status:

Closed 4/15/2009 5:15:58 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: 1-23 INFANTRY REGIMENT

1-23 INFANTRY REGIMENT

Address 2: BOX 339500 MS 81

PO Box:

BOX 339500 MS 81

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FPL:

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Refresh

Close

Close

Repair Search

Refresh

Close

naglatj

4/15/2009

7:27 AM

CAPS

NUM

INS

SCRL

H start

Microsoft Office...

Google News - Win...

Microsoft Office...

Arms Services Rep...

Part Search by Mat...

7/27/09

G6695417

Serial Number: ~~C6594604~~

Model: M24 SWS



RE00166303

Deploy Kit
Sling

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

166303

SERIAL NUMBER

60594604

66695417

LOG-IN DATE

4-15-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4/20/09	RTZ
505	RE-BARREL	4/21/09	RTZ
420	ASSEMBLE	4/21/09	RTZ
440	PROOF	4/21-09	WV
460	CHECK HEADSPACE	4/21-09	WV
470	DIS-ASSEMBLE GUN	4/21/09	RTZ
480	MAGNAFLUX	4/21/09	RTZ
510	DRILL AND TAP	4/21-09	SP
500	ROLLMARK CALIBER	4/27/09	RT
520	GOFF BLAST BBL / REC	4/28	mm
530 & 540	APPLY COATINGS	4-30	
560	FINAL ASSEMBLY	5-1-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	
650	TARGET	PASS FAIL	5-4-09 WV
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	5-4-09 TAR
670	FINAL INSPECTION	PASS FAIL	5-5-09 WV
	A) HEADSPACE		
	B) TRIGGER PULL	2.75 2.82 2.80 2.76 2.81	5-4-09 WV
680	F) SAFETY ON FORCE	5 5 5	5-5-09 WV
	G) SAFETY OFF FORCE	2 2 2	5-5-09 WV
	I) FIRING PIN INDENT	.023 .024 .024	5-5-09 WV
690	PACK		6/16/09 FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695417.__0
FILE DATE AND TIME: 05/04/2009 13:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.121
The Average Y Centroid of the Five Target Set:	-0.021
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.610
The Distance from POA to Centroid Target #1:	0.181
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.146
The Distance from Centroid Target #4 to Centroid Target #1:	0.223
The Distance from Centroid Target #5 to Centroid Target #1:	0.072

BARBER - M24 0179596

SERIAL NUMBER: G6695417. __0

TARGET NUMBER: 1

FILE DATE: 05/04/2009

FILE TIME: 13:13

POINT#	X	Y
1:	0.065	0.029
2:	0.844	-0.161
3:	0.287	-0.397
4:	-0.296	-0.687
5:	-0.327	-0.336
6:	-0.445	-0.157
7:	-0.874	-0.606
8:	-0.519	0.412
9:	0.210	0.871
10:	-0.752	1.184

X CENTROID: -0.181

Y CENTROID: 0.015

POA TO CENTROID: 0.181

HORZ SPREAD: 1.718

VERT SPREAD: 1.871

GROUP SPREAD: 2.087

MIN RADIUS: 0.246

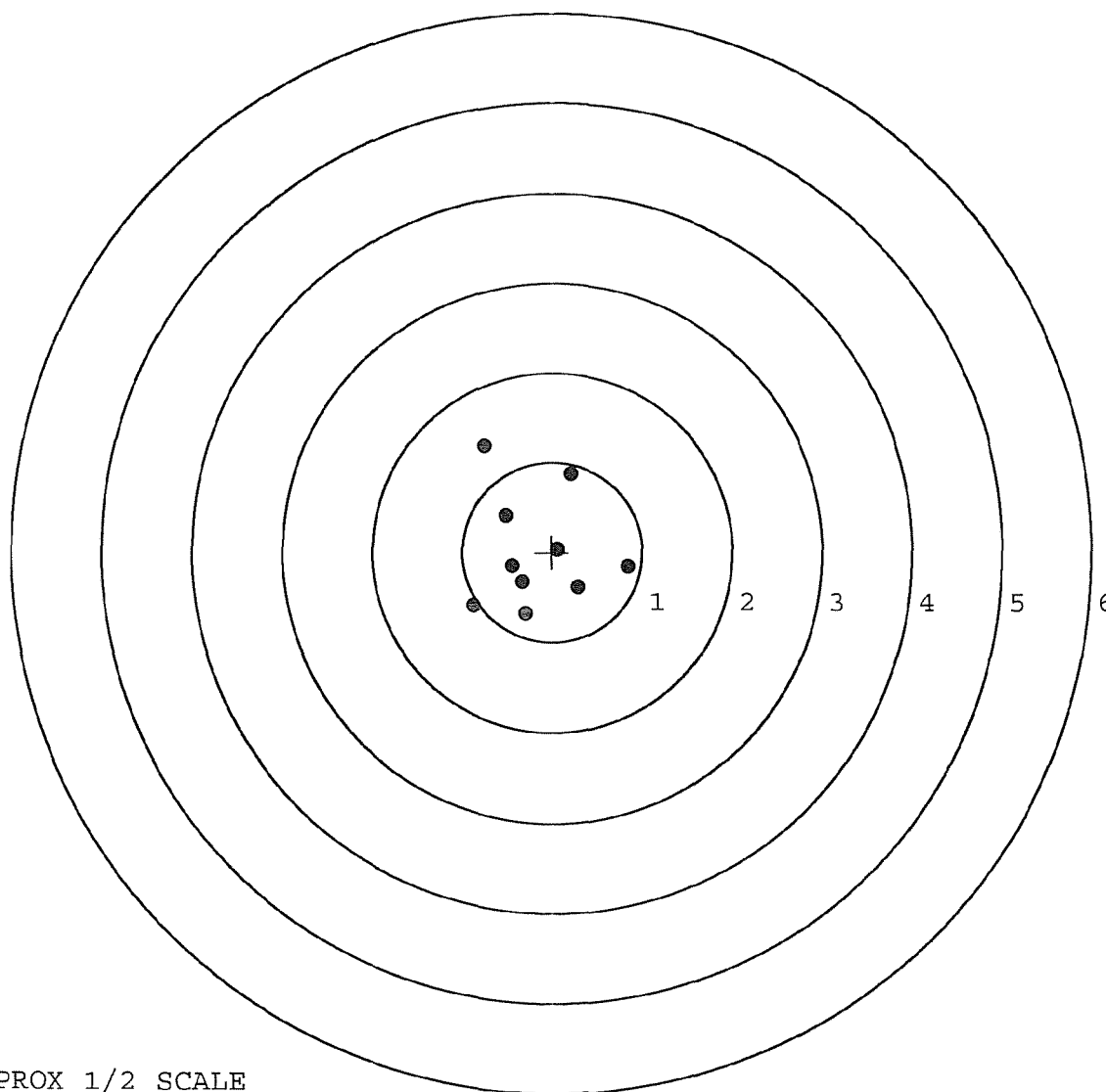
MAX RADIUS: 1.301

MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



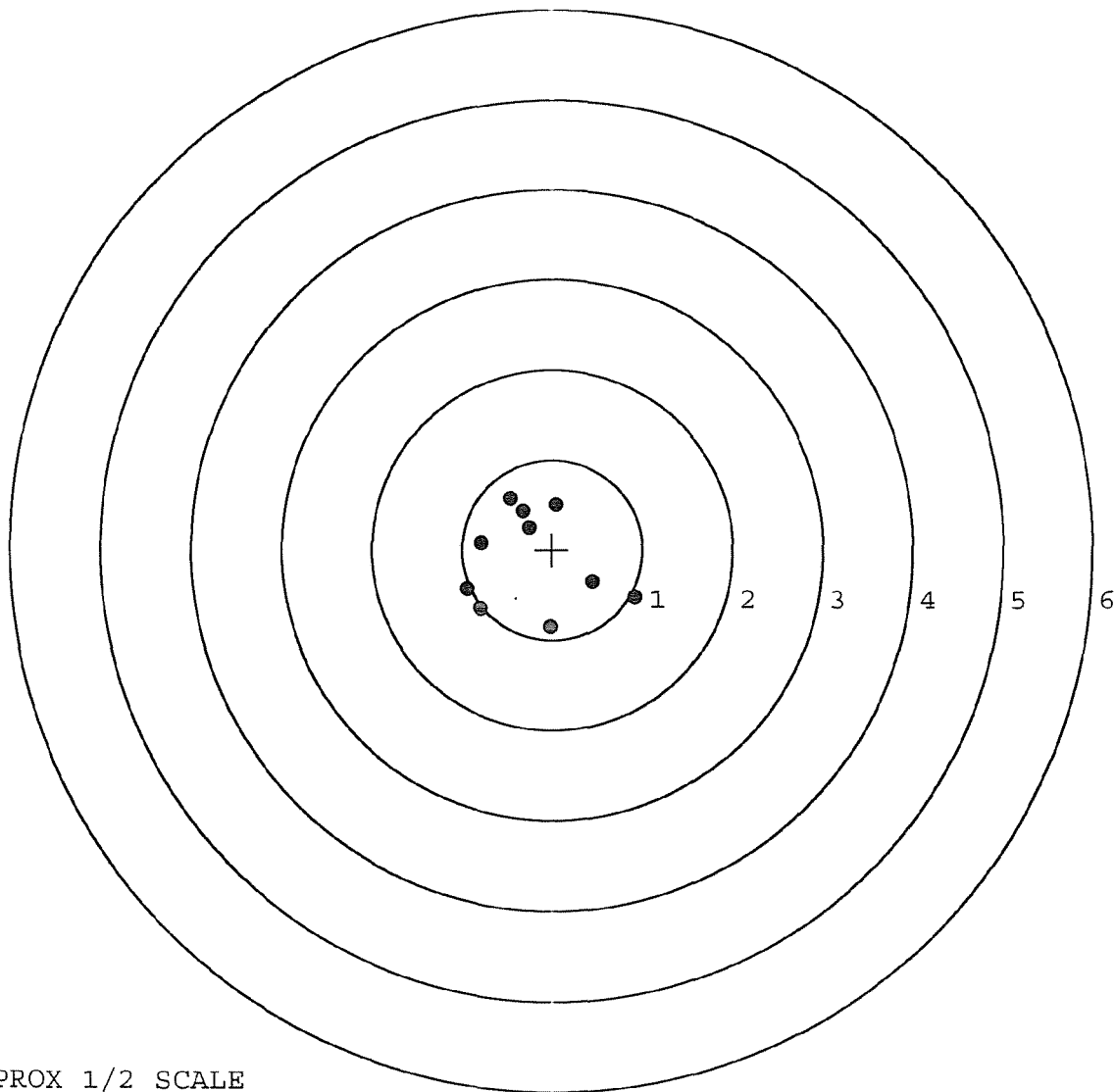
TARGET APPROX 1/2 SCALE

BARBER - M24 0179597

SERIAL NUMBER: G6695417. 0
 TARGET NUMBER: 2
 FILE DATE: 05/04/2009
 FILE TIME: 13:13

POINT#	X	Y
1:	0.917	-0.529
2:	0.447	-0.358
3:	-0.025	-0.860
4:	-0.794	-0.658
5:	-0.946	-0.445
6:	-0.790	0.074
7:	-0.260	0.245
8:	0.040	0.500
9:	-0.322	0.429
10:	-0.466	0.568

X CENTROID: -0.220
 Y CENTROID: -0.103
 POA TO CENTROID: 0.243
 HORZ SPREAD: 1.863
 VERT SPREAD: 1.428
 GROUP SPREAD: 1.865
 MIN RADIUS: 0.351
 MAX RADIUS: 1.214
 MEAN RADIUS: 0.717
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



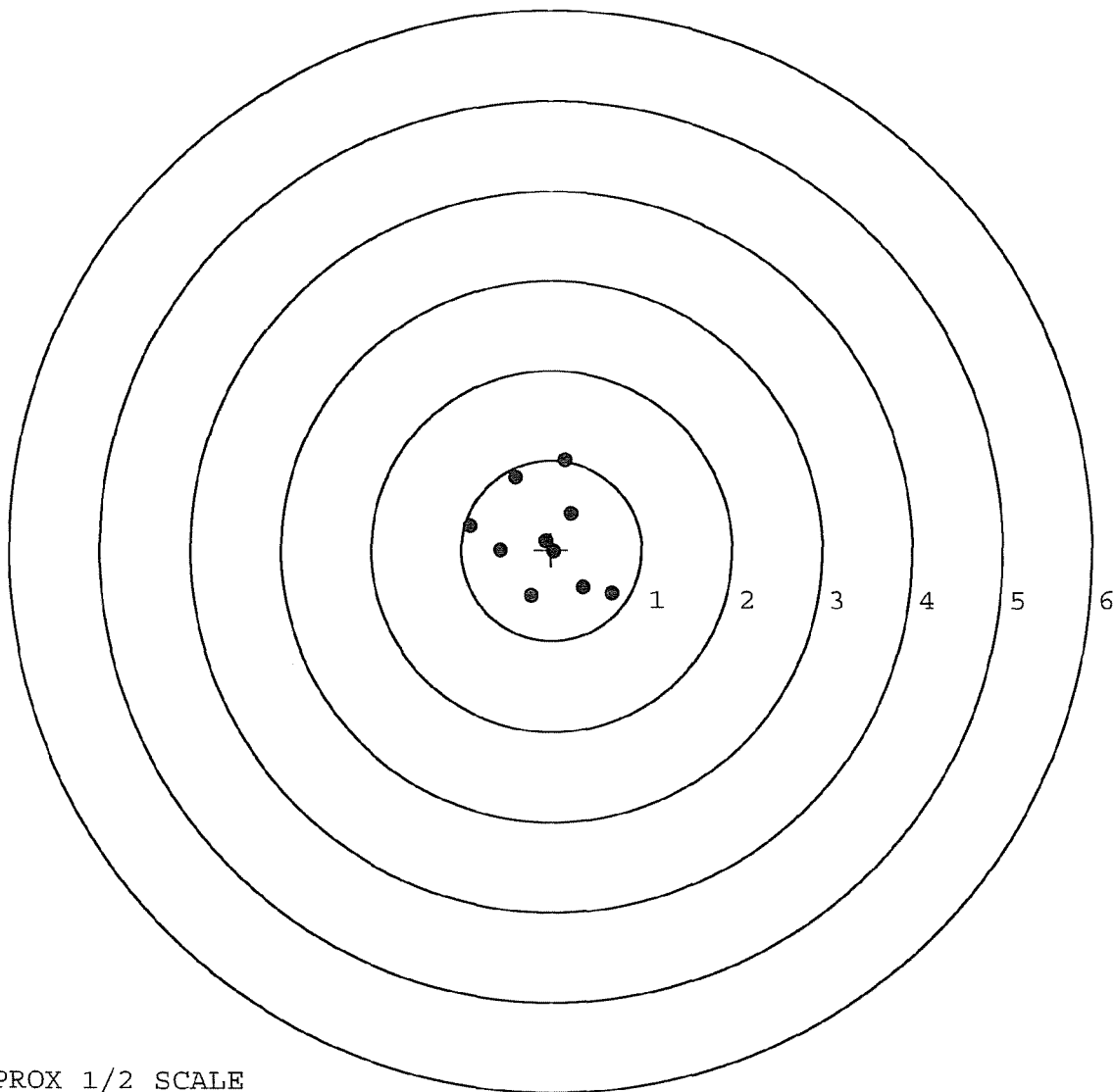
TARGET APPROX 1/2 SCALE

BARBER - M24 0179598

SERIAL NUMBER: G6695417. 0
 TARGET NUMBER: 3
 FILE DATE: 05/04/2009
 FILE TIME: 13:13

POINT#	X	Y
1:	0.027	-0.026
2:	-0.059	0.094
3:	0.214	0.405
4:	-0.223	-0.510
5:	0.353	-0.425
6:	0.673	-0.484
7:	-0.562	-0.010
8:	0.154	1.005
9:	-0.394	0.810
10:	-0.901	0.262

X CENTROID: -0.072
 Y CENTROID: 0.112
 POA TO CENTROID: 0.133
 HORZ SPREAD: 1.574
 VERT SPREAD: 1.515
 GROUP SPREAD: 1.742
 MIN RADIUS: 0.022
 MAX RADIUS: 0.954
 MEAN RADIUS: 0.592
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



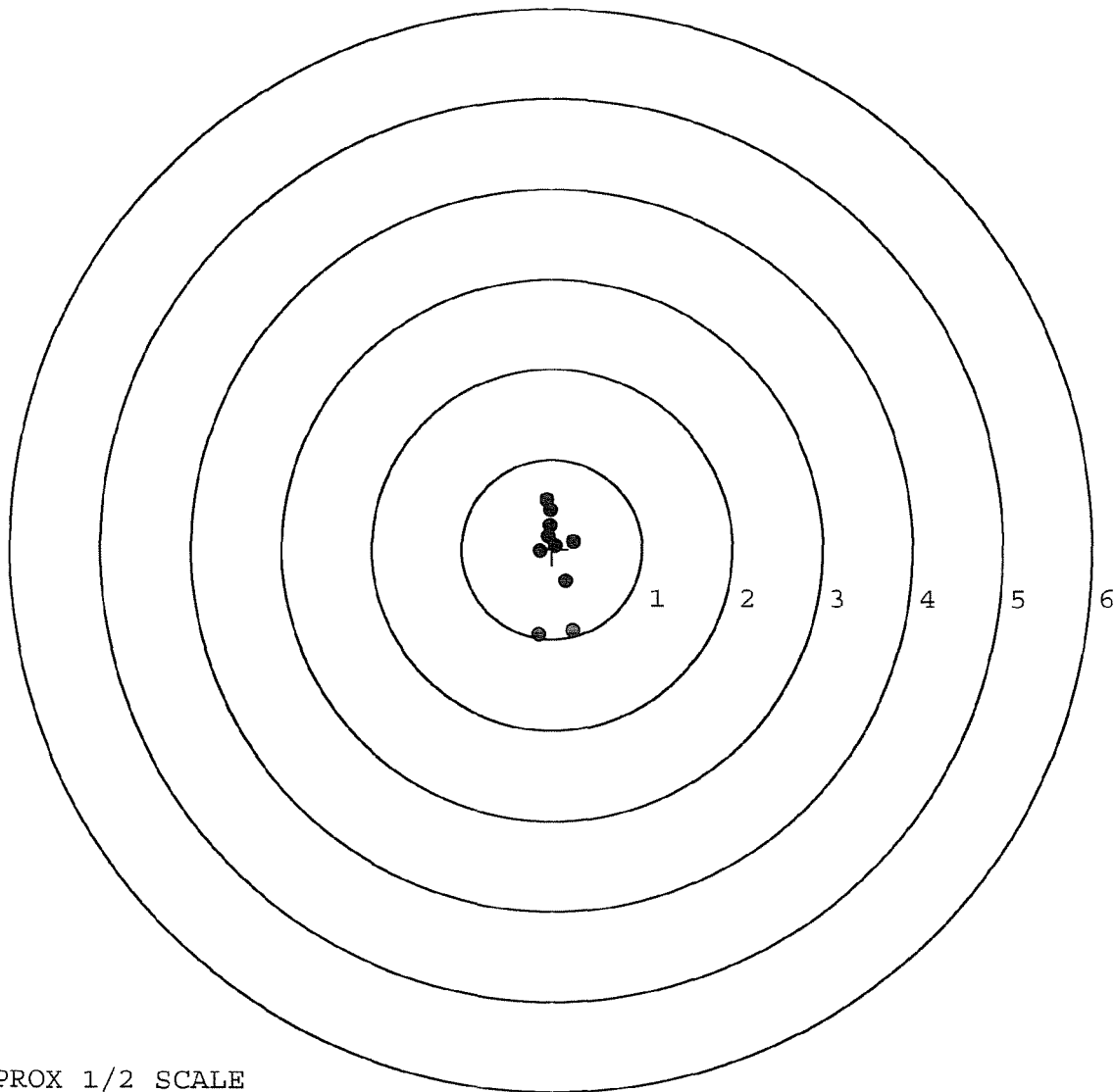
TARGET APPROX 1/2 SCALE

BARBER - M24 0179599

SERIAL NUMBER: G6695417. 0
 TARGET NUMBER: 4
 FILE DATE: 05/04/2009
 FILE TIME: 13:13

POINT#	X	Y
1:	0.232	-0.917
2:	-0.150	-0.955
3:	0.155	-0.366
4:	0.238	0.086
5:	0.034	0.038
6:	-0.134	-0.025
7:	-0.043	0.145
8:	-0.024	0.261
9:	-0.017	0.437
10:	-0.054	0.548

X CENTROID: 0.024
 Y CENTROID: -0.075
 POA TO CENTROID: 0.078
 HORZ SPREAD: 0.388
 VERT SPREAD: 1.503
 GROUP SPREAD: 1.506
 MIN RADIUS: 0.113
 MAX RADIUS: 0.897
 MEAN RADIUS: 0.434
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179600

SERIAL NUMBER: G6695417. __ 0

TARGET NUMBER: 5

FILE DATE: 05/04/2009

FILE TIME: 13:13

POINT#	X	Y
1:	0.212	0.060
2:	0.296	0.230
3:	0.009	0.379
4:	-0.200	0.139
5:	-0.377	-0.272
6:	-0.965	-0.580
7:	0.783	-0.586
8:	0.399	-0.348
9:	-0.713	0.222
10:	-0.990	0.238

X CENTROID: -0.155

Y CENTROID: -0.052

POA TO CENTROID: 0.163

HORZ SPREAD: 1.773

VERT SPREAD: 0.965

GROUP SPREAD: 1.955

MIN RADIUS: 0.196

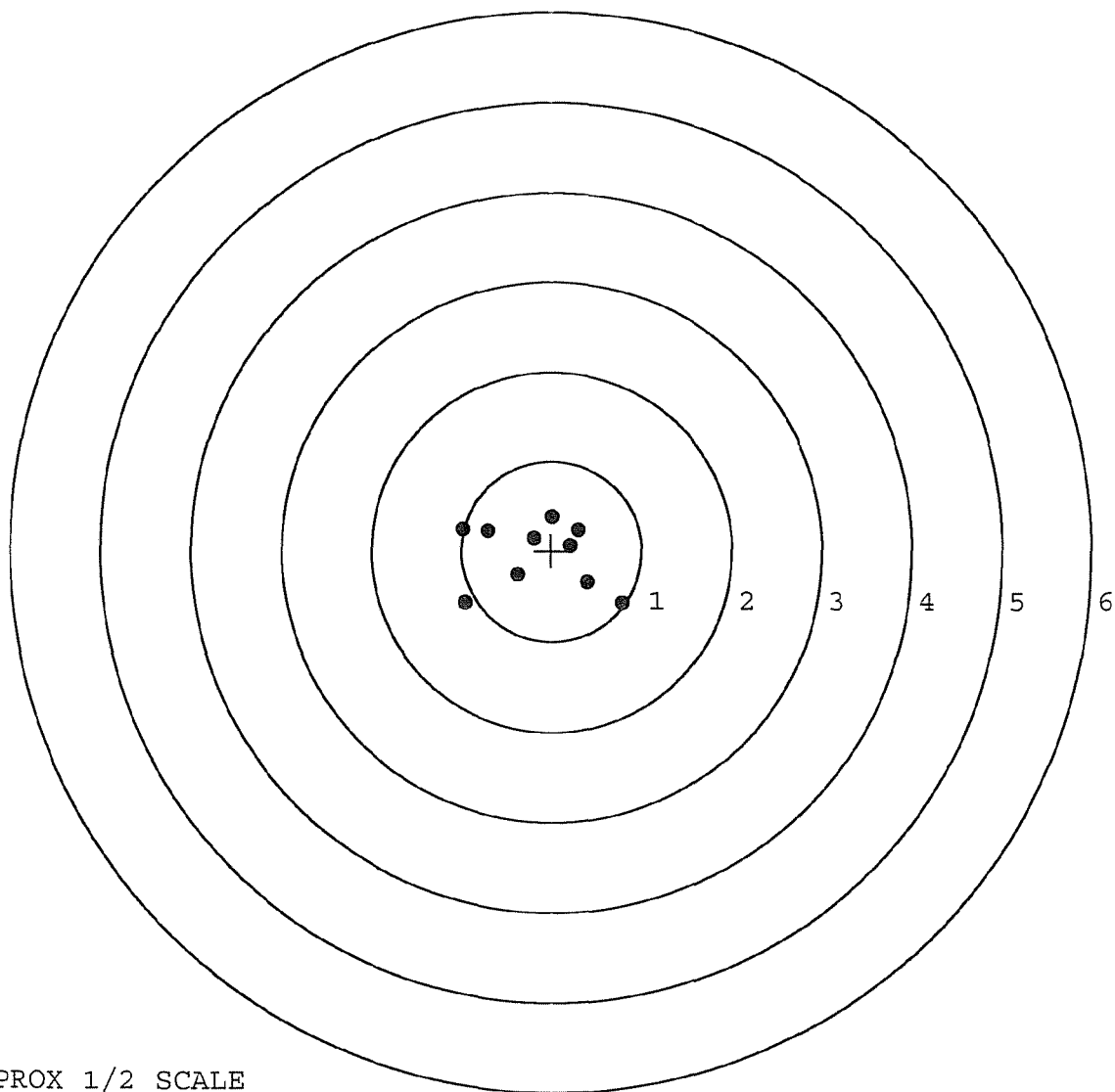
MAX RADIUS: 1.079

MEAN RADIUS: 0.607

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

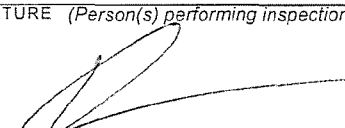
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION <i>HHC 1st FN</i>					2. NOMENCLATURE AND MODEL <i>M24</i>				
3. REGISTRATION/SERIAL/NSN <i>C659 4604</i>		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE <i>6 Apr. 1959</i>		6. TYPE INSPECTION <i>PMS</i>	
7. APPLICABLE REFERENCE									
TM NUMBER <i>9-1005 - 306-10</i>			TM DATE <i>June 1959</i>		TM NUMBER		TM DATE		
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.				
STATUS SYMBOLS "X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished. DIAGONAL "/" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.									
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME		
									
10. MANHOURS REQUIRED									
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
	/	biped housing stripped on							
	/	stock can't use bipods							
	/	cracked stock							
		found count expended for							
		refurbish							

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: **RE00105538** Serial: C6594604 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/18/1991 Repairman: Status: Closed 12/21/2005 6:28:25 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **JOINT TRANSPORT DIV** **JOINT TRANSPORT DIV**

Address 1: **BLDG 9611** **BLDG 9611**

Address 2: PO Box: PO Box:

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 12/27/2005 8:27 AM CAPS NUM INS SCFL

start

Serial Number: **C6594604**

Model: **M24 SWS**



RE00105538

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594604.__5

FILE DATE AND TIME: 01/13/2006 12:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

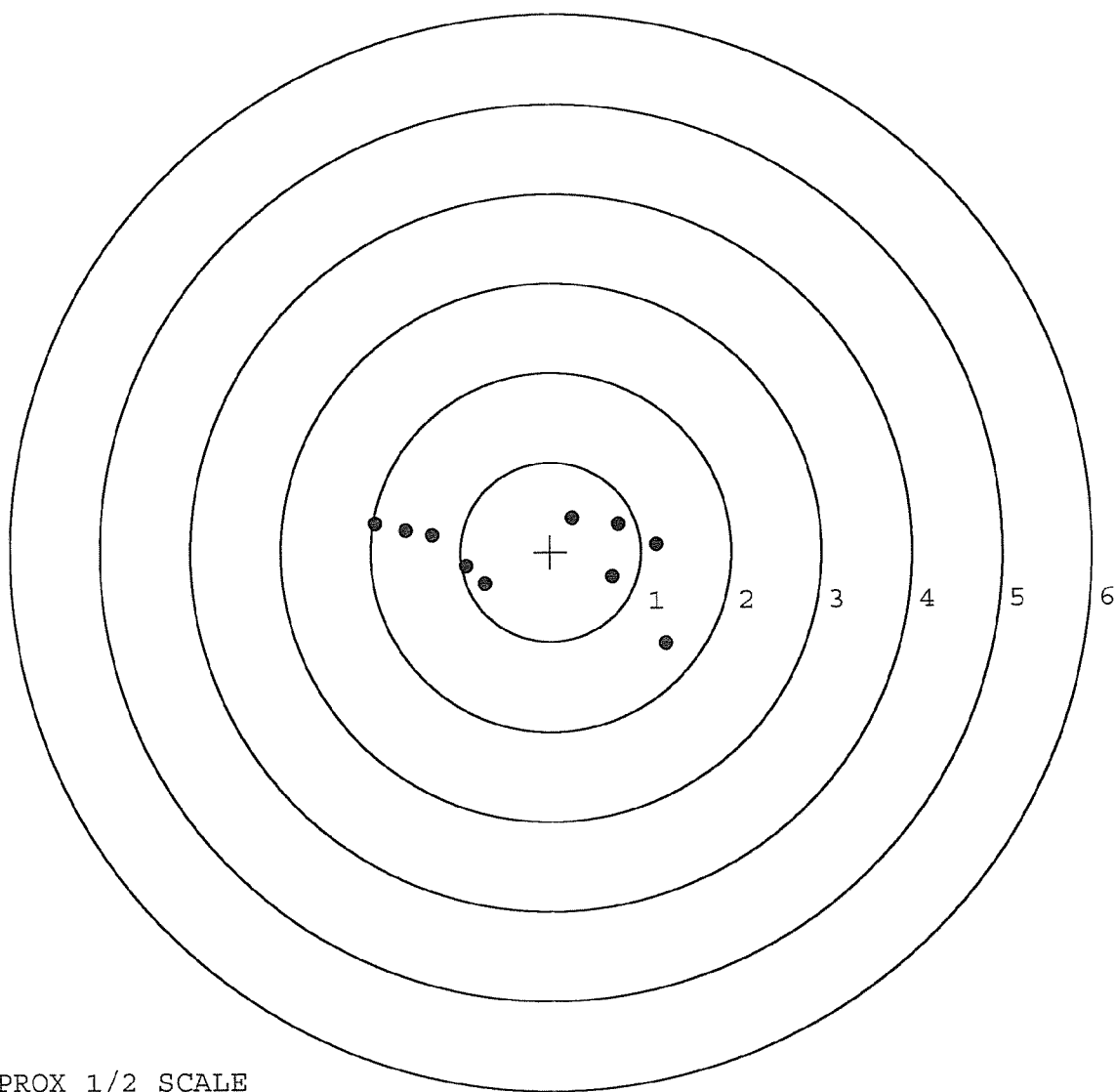
The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	0.056
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.837
The Distance from POA to Centroid Target #1:	0.243
The Distance from Centroid Target #2 to Centroid Target #1:	0.483
The Distance from Centroid Target #3 to Centroid Target #1:	0.210
The Distance from Centroid Target #4 to Centroid Target #1:	0.187
The Distance from Centroid Target #5 to Centroid Target #1:	0.357

BARBER - M24 0179604

SERIAL NUMBER: C6594604. __5
 TARGET NUMBER: 1
 FILE DATE: 01/13/2006
 FILE TIME: 12:38

POINT#	X	Y
1:	1.272	-1.034
2:	0.681	-0.284
3:	1.173	0.076
4:	0.751	0.313
5:	0.246	0.375
6:	-0.731	-0.358
7:	-0.935	-0.154
8:	-1.319	0.198
9:	-1.607	0.247
10:	-1.948	0.329

X CENTROID: -0.242
 Y CENTROID: -0.029
 POA TO CENTROID: 0.243
 HORZ SPREAD: 3.220
 VERT SPREAD: 1.409
 GROUP SPREAD: 3.497
 MIN RADIUS: 0.590
 MAX RADIUS: 1.817
 MEAN RADIUS: 1.141
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



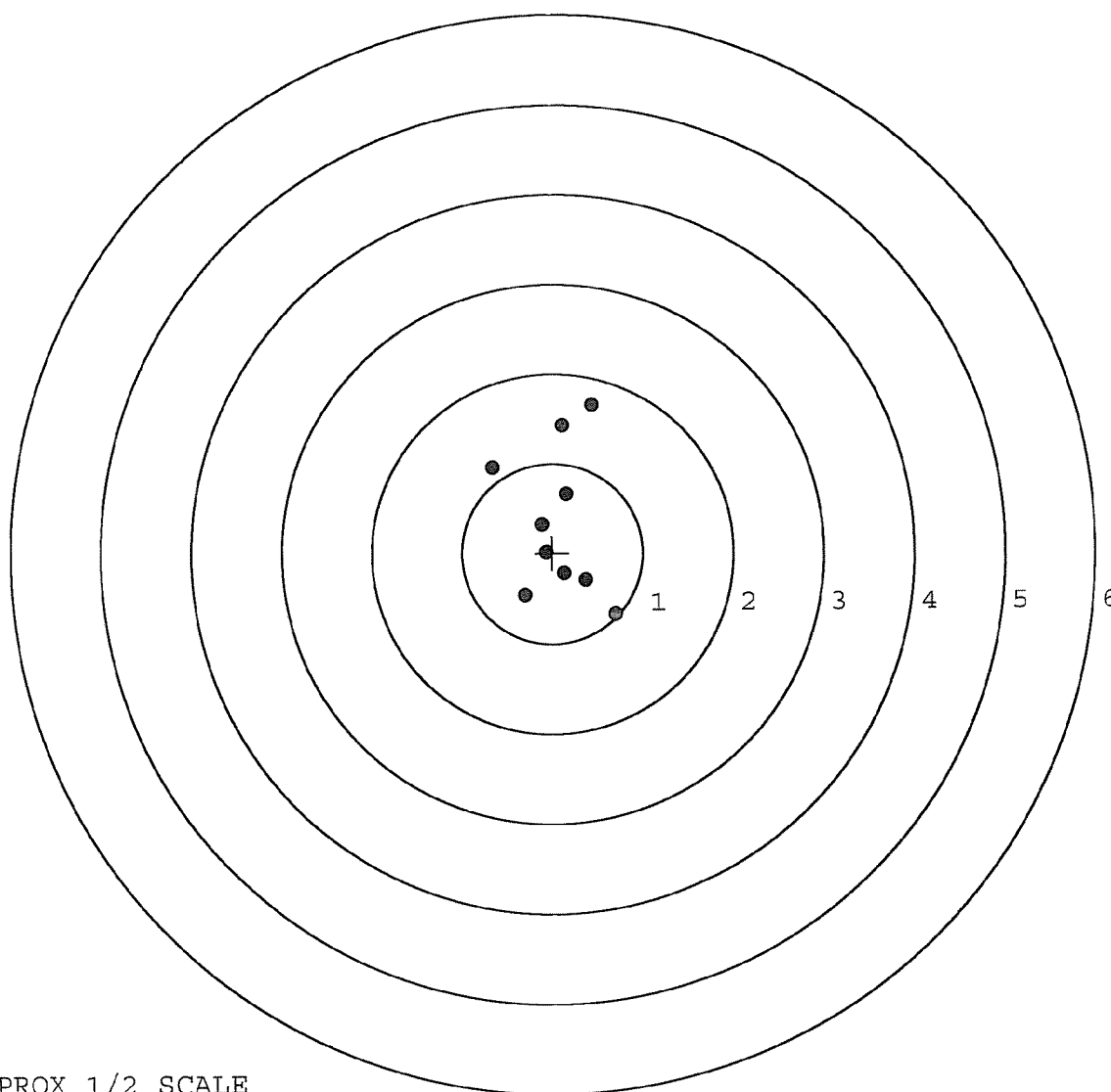
TARGET APPROX 1/2 SCALE

BARBER - M24 0179605

SERIAL NUMBER: C6594604. __5
 TARGET NUMBER: 2
 FILE DATE: 01/13/2006
 FILE TIME: 12:38

POINT#	X	Y
1:	0.697	-0.681
2:	-0.304	-0.469
3:	-0.656	0.954
4:	0.117	1.422
5:	0.443	1.653
6:	0.159	0.660
7:	-0.118	0.319
8:	0.372	-0.306
9:	0.130	-0.230
10:	-0.071	0.011

X CENTROID: 0.077
 Y CENTROID: 0.333
 POA TO CENTROID: 0.342
 HORZ SPREAD: 1.353
 VERT SPREAD: 2.334
 GROUP SPREAD: 2.348
 MIN RADIUS: 0.195
 MAX RADIUS: 1.370
 MEAN RADIUS: 0.765
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



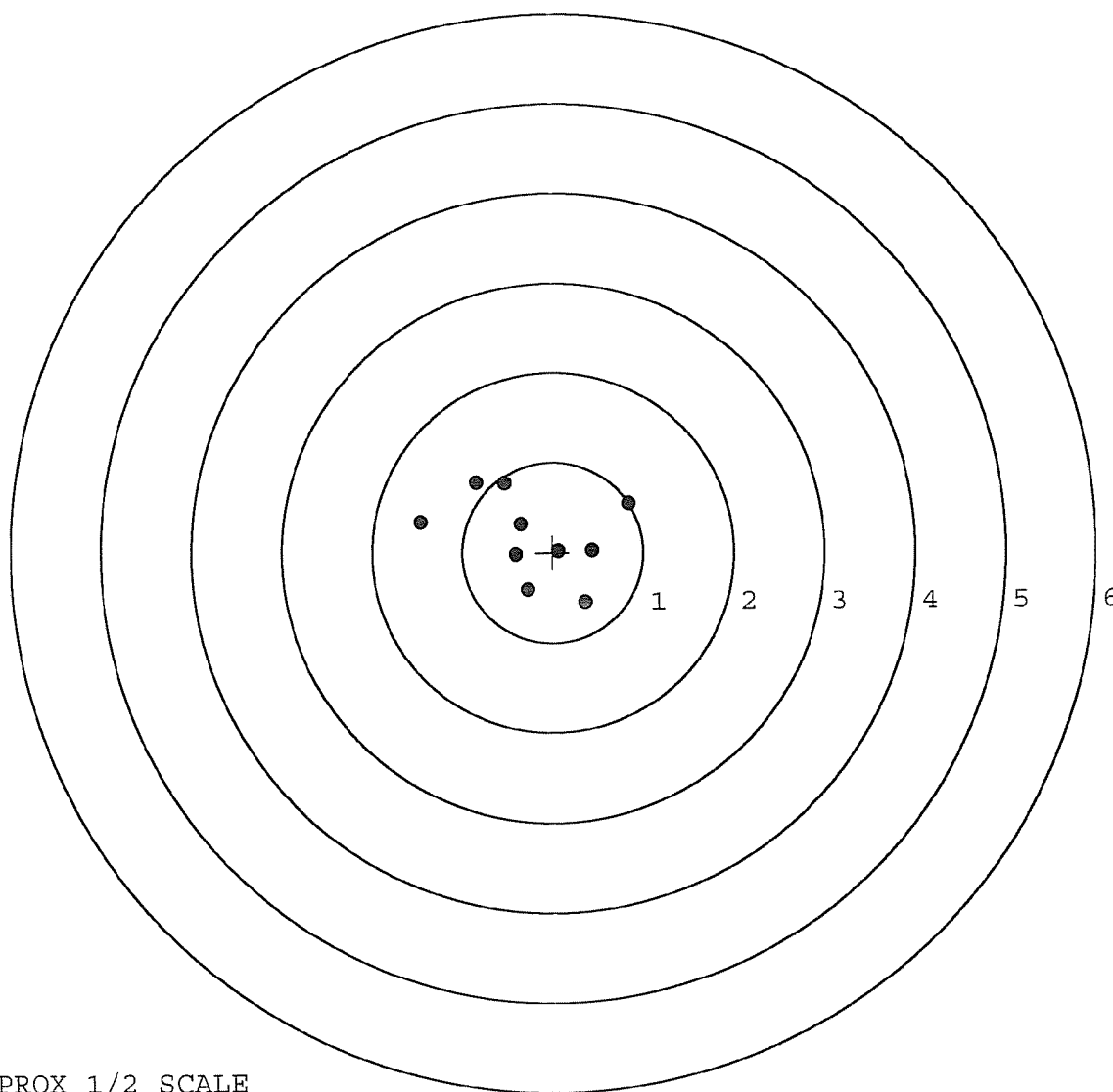
TARGET APPROX 1/2 SCALE

BARBER - M24 0179606

SERIAL NUMBER: C6594604. __5
 TARGET NUMBER: 3
 FILE DATE: 01/13/2006
 FILE TIME: 12:38

POINT#	X	Y
1:	0.843	0.539
2:	-0.531	0.770
3:	-0.842	0.775
4:	-1.462	0.341
5:	0.356	-0.554
6:	-0.280	-0.415
7:	0.439	0.022
8:	0.064	0.017
9:	-0.352	0.316
10:	-0.410	-0.020

X CENTROID: -0.217
 Y CENTROID: 0.179
 POA TO CENTROID: 0.282
 HORZ SPREAD: 2.305
 VERT SPREAD: 1.329
 GROUP SPREAD: 2.313
 MIN RADIUS: 0.192
 MAX RADIUS: 1.255
 MEAN RADIUS: 0.690
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



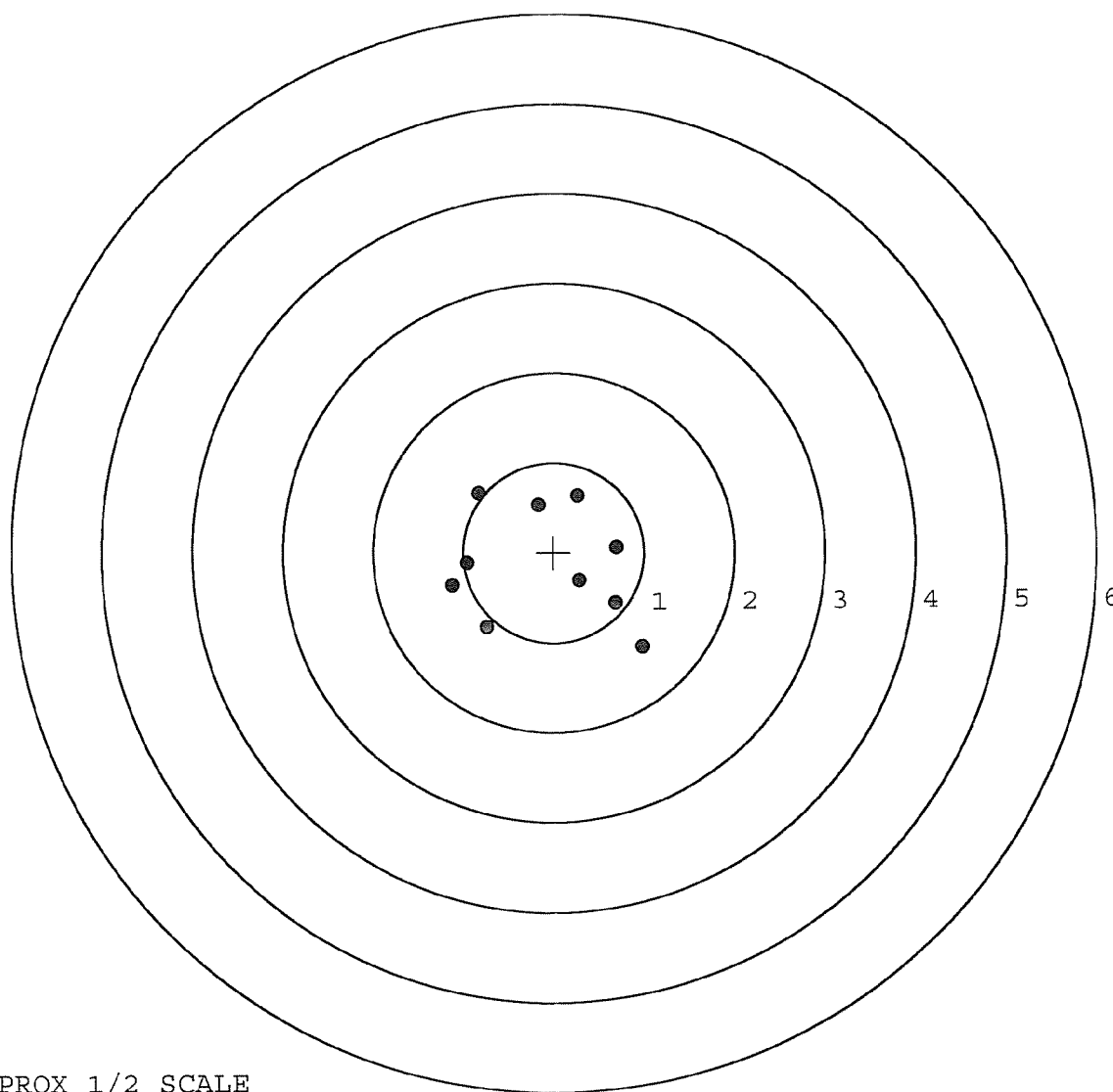
TARGET APPROX 1/2 SCALE

BARBER - M24 0179607

SERIAL NUMBER: C6594604. 5
 TARGET NUMBER: 4
 FILE DATE: 01/13/2006
 FILE TIME: 12:38

POINT#	X	Y
1:	0.977	-1.056
2:	0.682	-0.572
3:	0.281	-0.316
4:	0.697	0.052
5:	0.272	0.628
6:	-0.163	0.532
7:	-0.826	0.661
8:	-0.954	-0.115
9:	-1.123	-0.366
10:	-0.743	-0.830

X CENTROID: -0.090
 Y CENTROID: -0.138
 POA TO CENTROID: 0.165
 HORZ SPREAD: 2.100
 VERT SPREAD: 1.717
 GROUP SPREAD: 2.490
 MIN RADIUS: 0.411
 MAX RADIUS: 1.407
 MEAN RADIUS: 0.900
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



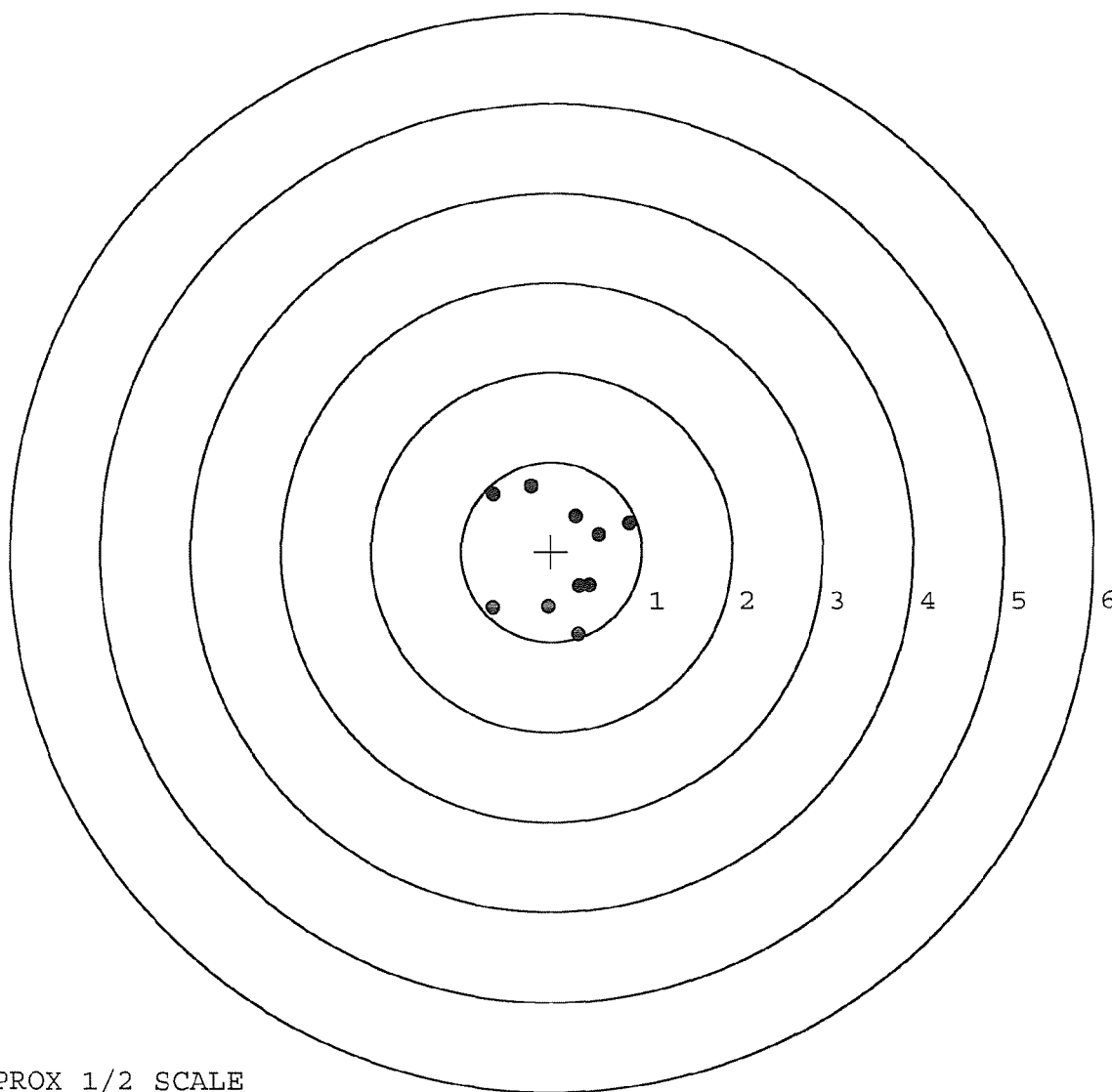
TARGET APPROX 1/2 SCALE

BARBER - M24 0179608

SERIAL NUMBER: C6594604. __5
TARGET NUMBER: 5
FILE DATE: 01/13/2006
FILE TIME: 12:38

POINT#	X	Y
1:	0.860	0.320
2:	0.523	0.188
3:	0.420	-0.375
4:	0.295	-0.922
5:	-0.034	-0.616
6:	-0.647	-0.626
7:	0.271	0.391
8:	-0.221	0.729
9:	-0.644	0.642
10:	0.311	-0.381

X CENTROID: 0.113
Y CENTROID: -0.065
POA TO CENTROID: 0.131
HORZ SPREAD: 1.507
VERT SPREAD: 1.651
GROUP SPREAD: 1.824
MIN RADIUS: 0.373
MAX RADIUS: 1.036
MEAN RADIUS: 0.690
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
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)

SERIAL NO. _____

DATE 11-10-05TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.67		2.48	
PULL #2	2.55	2.60		2.64	
PULL #3	2.43	2.49		2.45	
PULL #4	2.45	2.60		2.42	
PULL #5	2.54	2.56		2.44	
TOTAL	12.54	12.92		12.43	
AVERAGE	2.50	2.58		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.12		
PULL #2	3.01	3.18		
PULL #3	3.15	3.14		
PULL #4	3.17	3.05		
PULL #5	3.19	3.08		
TOTAL	15.60	15.57		
AVERAGE	3.12	3.11		

	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	4.00	4.10		4.07
PULL #2	4.04	3.92		3.95
PULL #3	4.01	3.85		4.05
PULL #4	4.13	3.83		3.94
PULL #5	3.93	4.02		3.98
TOTAL	20.11	19.72		19.99
AVERAGE	4.02	3.94		3.99

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

R & E NUMBER	105538		
SERIAL NUMBER	C6594604		
LOG-IN DATE	12-21-05		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-29-05	KJR
505	RE-BARREL	1-4-06	KJR
560	ASSEMBLE	1-4-06	KJR
600	PROOF	1-4-06	KJR
605	CHECK HEADSPACE	1-4-06	KJR
610	DIS-ASSEMBLE GUN	1-4-06	KJR
612	MAGNAFLUX	1/6/06	unus
510	DRILL AND TAP	1-5-06	TRW
615	ROLLMARK CALIBER	1-6-06	CW
618	ROTO-BLAST	1-6-06	CB
620	APPLY COATINGS	1/10	HP
625	FINAL ASSEMBLY	1-11-06	BC
640	FUNCTION TEST AND	PASS FAIL	1-13-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	1-13-06 TRW
670	FINAL INSPECTION	PASS FAIL	2-7-06
	A) HEADSPACE	PASS FAIL	2-7-06
	B) TRIGGER PULL	2.68 2.77 2.74 2.75 2.68	2/7/06 RA
	F) SAFETY ON FORCE	4.5 4.0 4.5	2/7/06 RA
	G) SAFETY OFF FORCE	2.5 2.5 2.5	2/7/06 RA
	I) FIRING PIN INDENT	.021 .021 .021	AC
690	PACK		2-15-06 RA

Arms Services Repair & Estimate System

FileAdd RepairEstimate RepairExpedite RepairInquiryRepair ToolsCSF ToolsReportsTable MaintenanceSystem MaintenanceHelp

Repair Inquiry

Repair Number: RE00046945

Verify Repair

Serial: C6594604 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:

Status: Closed 5/21/02 10:11:28 AM

Address Information

Customer: ☒ Received From

Return To: ☐ Received From

Name: DOL

Address 1: SHIPPING DEPT

Address 2: BLDG 9630 DR 40

City: FORT LEWIS

State: WA Zip Code: 98433 Country: US

Address 1: SHIPPING DEPT

Address 2: BLDG 9630 DR 40

City: FORT LEWIS

State: WA Zip Code: 98433 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone:

Fax:

Email:

Comments:

Poor

Condition Notes:

CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
X	SGT BASES	2

Repair Search

Refresh

Close

reglet

5/21/02

1:11 PM

CAPS

NUM

INS

SCFL

Start

nb...

Cal...

Cha...

Ar...

Mic...

Seri...

Part...

Seri...

1:11 PM

RE00046945

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594604.___0
FILE DATE AND TIME: 06/18/2002 13:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.016
The Average Y Centroid of the Five Target Set:	-0.021
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.750
The Distance from POA to Centroid Target #1:	0.118
The Distance from Centroid Target #2 to Centroid Target #1:	0.055
The Distance from Centroid Target #3 to Centroid Target #1:	0.171
The Distance from Centroid Target #4 to Centroid Target #1:	0.129
The Distance from Centroid Target #5 to Centroid Target #1:	0.162

BARBER - M24 0179613

SERIAL NUMBER: C6594604. __0

TARGET NUMBER: 1

FILE DATE: 06/18/2002

FILE TIME: 13:52

POINT#	X	Y
1:	0.708	-0.834
2:	0.652	-0.541
3:	0.726	-0.247
4:	0.583	-0.053
5:	-0.190	-1.457
6:	-0.342	-0.794
7:	0.001	0.253
8:	-0.439	0.572
9:	-0.583	0.918
10:	-0.298	1.337

X CENTROID: 0.082

Y CENTROID: -0.085

POA TO CENTROID: 0.118

HORZ SPREAD: 1.309

VERT SPREAD: 2.794

GROUP SPREAD: 2.796

MIN RADIUS: 0.347

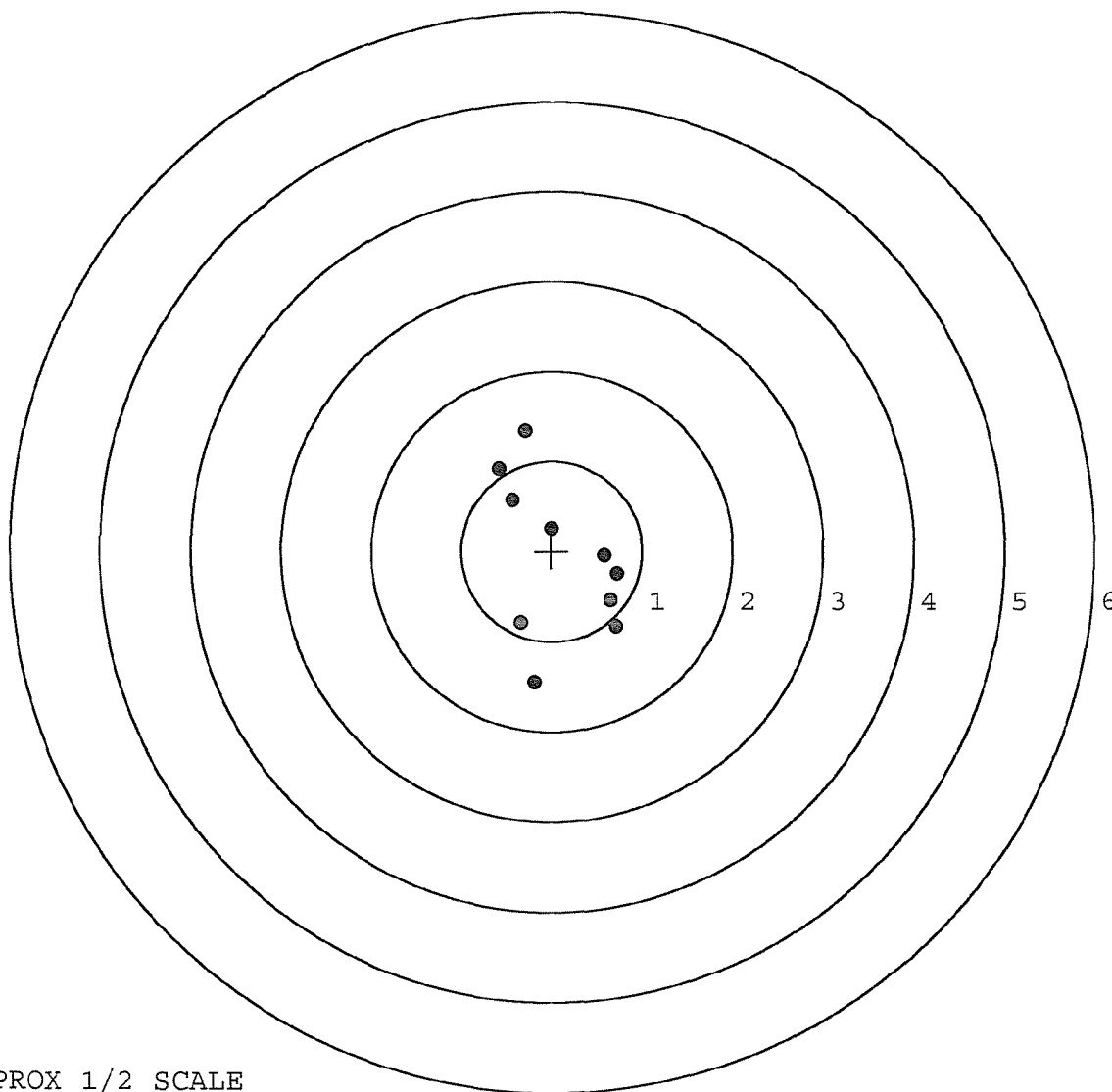
MAX RADIUS: 1.471

MEAN RADIUS: 0.896

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594604. __0

TARGET NUMBER: 2

FILE DATE: 06/18/2002

FILE TIME: 13:52

POINT#	X	Y
1:	1.027	-0.318
2:	0.926	-0.412
3:	0.437	-0.334
4:	0.015	-0.473
5:	0.105	-0.140
6:	-0.349	-0.259
7:	-0.287	0.100
8:	-0.152	0.293
9:	-0.522	0.141
10:	-0.673	1.025

X CENTROID: 0.053

Y CENTROID: -0.038

POA TO CENTROID: 0.065

HORZ SPREAD: 1.700

VERT SPREAD: 1.498

GROUP SPREAD: 2.166

MIN RADIUS: 0.115

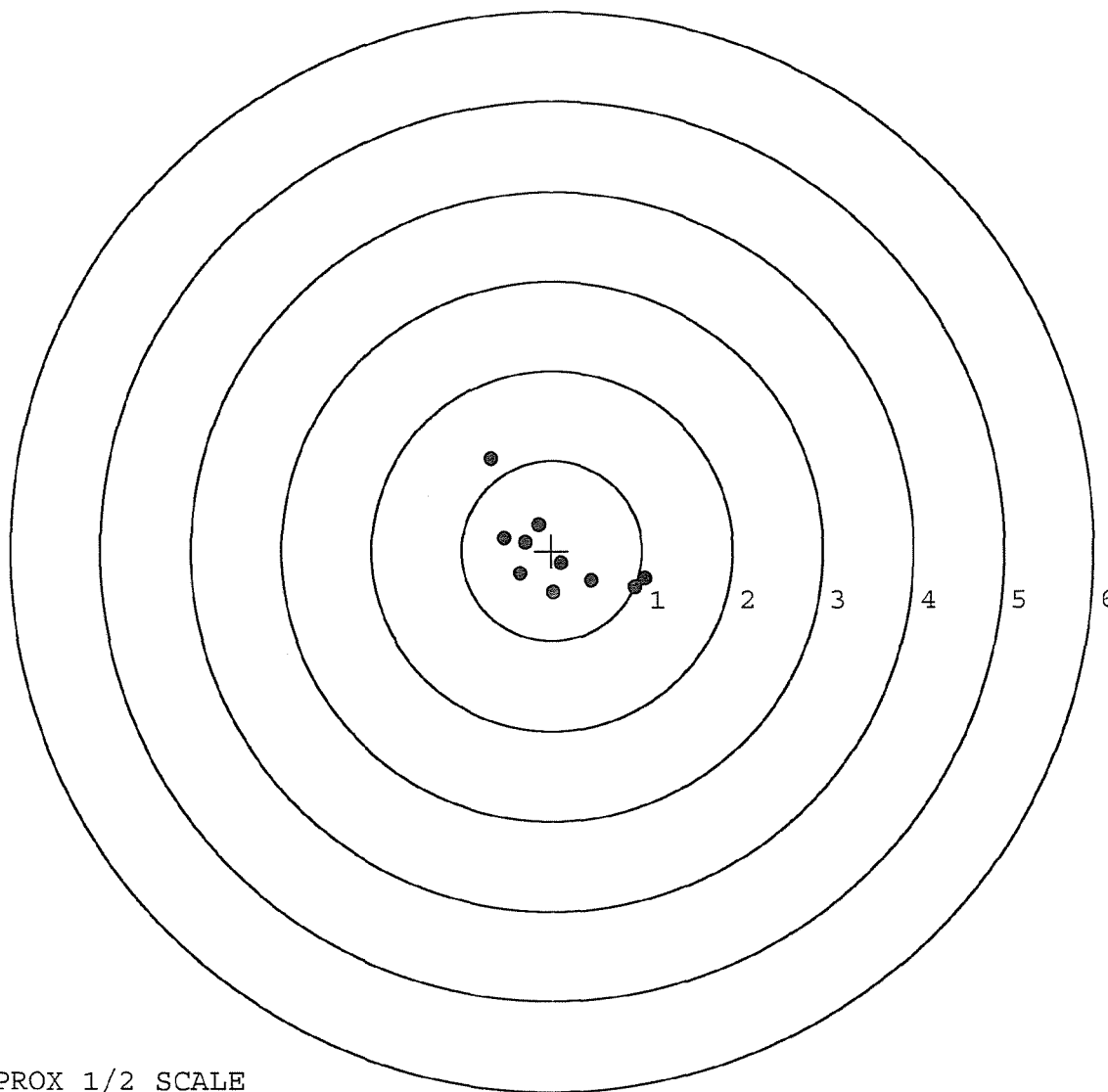
MAX RADIUS: 1.287

MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0179615

SERIAL NUMBER: C6594604. __0

TARGET NUMBER: 3

FILE DATE: 06/18/2002

FILE TIME: 13:52

POINT#	X	Y
1:	-0.088	-1.827
2:	0.339	-0.788
3:	0.718	-0.533
4:	-0.440	0.742
5:	-0.117	1.170
6:	0.055	2.202
7:	0.268	-0.039
8:	0.021	0.184
9:	-0.117	0.048
10:	-0.144	-0.324

X CENTROID: 0.049

Y CENTROID: 0.084

POA TO CENTROID: 0.097

HORZ SPREAD: 1.158

VERT SPREAD: 4.029

GROUP SPREAD: 4.032

MIN RADIUS: 0.104

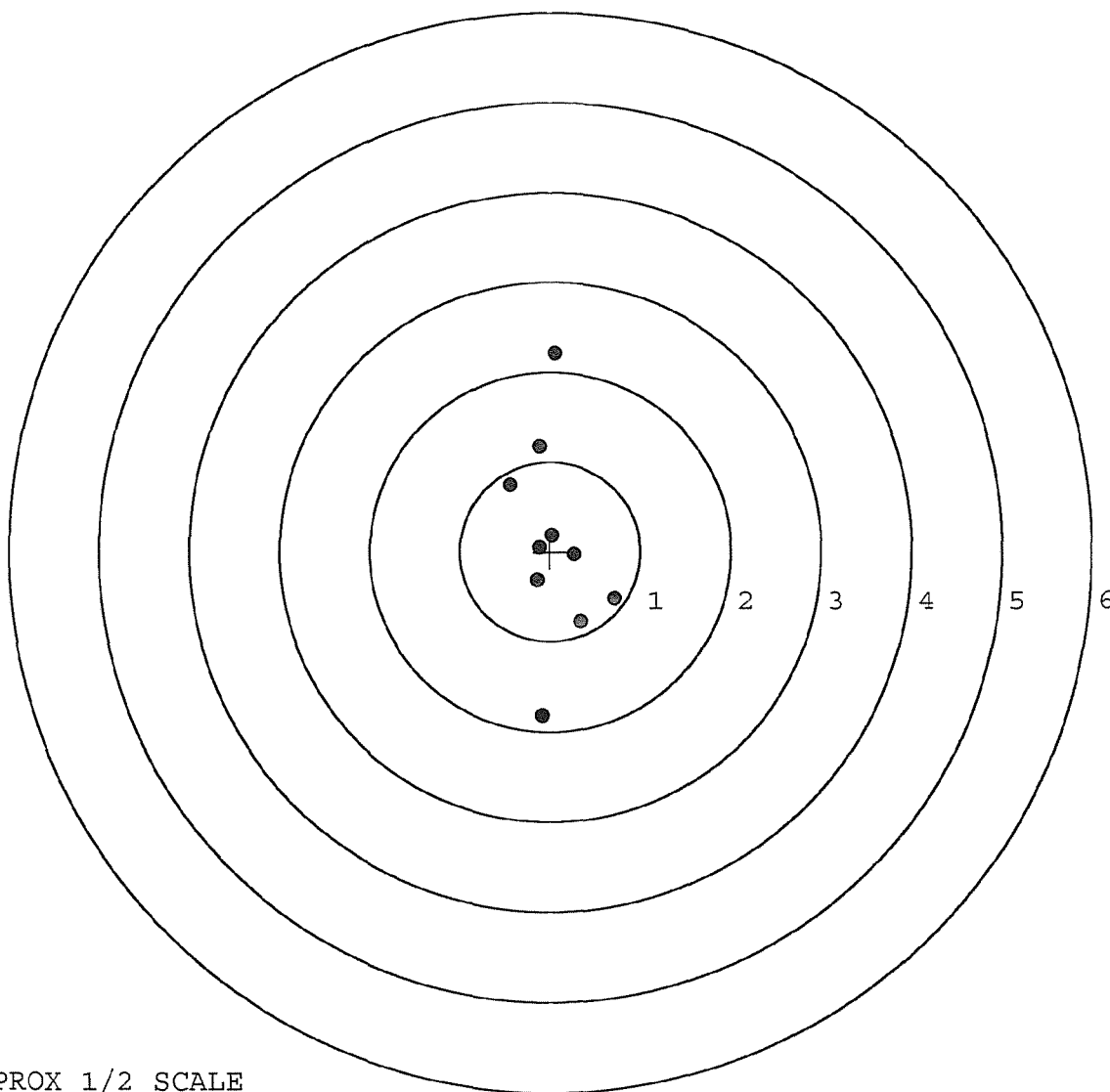
MAX RADIUS: 2.119

MEAN RADIUS: 0.876

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594604. __0

TARGET NUMBER: 4

FILE DATE: 06/18/2002

FILE TIME: 13:52

POINT#	X	Y
1:	0.841	-0.250
2:	0.367	-0.707
3:	-0.083	-1.013
4:	0.218	-0.481
5:	0.319	-0.409
6:	0.204	-0.106
7:	-0.241	-0.191
8:	-0.983	0.520
9:	-0.247	0.910
10:	-0.857	1.053

X CENTROID: -0.046

Y CENTROID: -0.067

POA TO CENTROID: 0.082

HORZ SPREAD: 1.824

VERT SPREAD: 2.066

GROUP SPREAD: 2.206

MIN RADIUS: 0.231

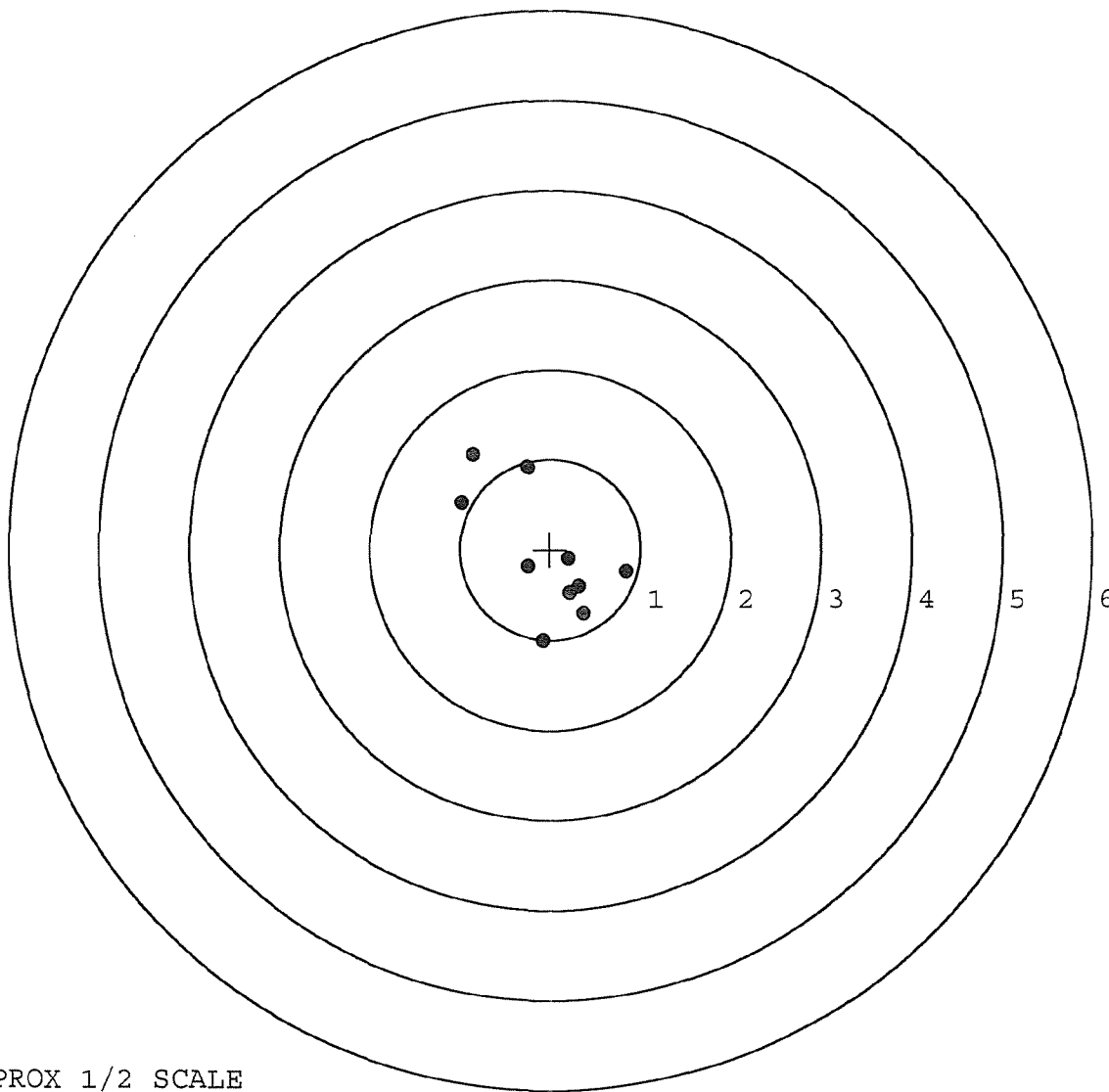
MAX RADIUS: 1.383

MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594604. 0

TARGET NUMBER: 5

FILE DATE: 06/18/2002

FILE TIME: 13:52

POINT#	X	Y
1:	0.110	1.829
2:	-0.833	0.011
3:	0.036	0.438
4:	0.456	-0.396
5:	0.274	-0.611
6:	0.105	-0.581
7:	0.025	-0.100
8:	-0.054	-0.315
9:	-0.214	-0.140
10:	-0.471	-0.136

X CENTROID: -0.057

Y CENTROID: 0.000

POA TO CENTROID: 0.057

HORZ SPREAD: 1.289

VERT SPREAD: 2.440

GROUP SPREAD: 2.446

MIN RADIUS: 0.129

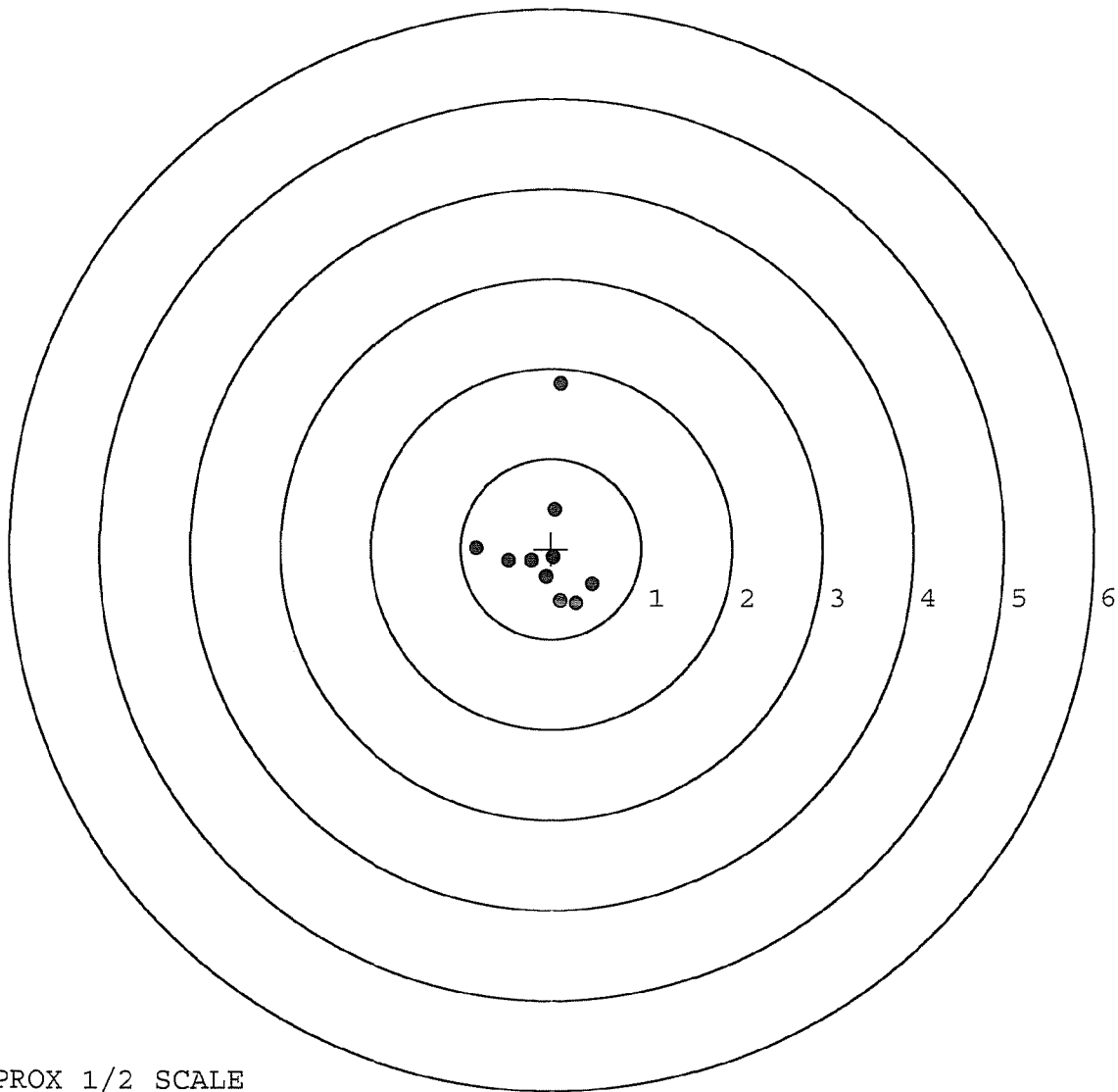
MAX RADIUS: 1.837

MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 46945			
SERIAL NUMBER C6594604			
LOG-IN DATE 5/21/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/22/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	5/22/02	BWT
B	DRILL AND TAP	5/22/02	BWT
C	POLISH		
575	ASSEMBLE	5/22/02	RW
600	PROOF	5/22/02	RW
605	CHECK HEADSPACE	5/22/02	RW
610	DIS-ASSEMBLE GUN	5/22/02	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6/13/02	RW
618	ROTO-BLAST	5/31/02	NO
620	APPLY COATINGS	6-3	TA
625 A	FINAL ASSEMBLY	6/13/02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6/17/02	TRW
655	FINAL INSPECT	6/18/02	RL
660	PACK	6/19/02	OTA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington
MODEL 700™ 1124

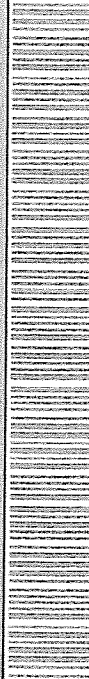
DUPONT
REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6594604

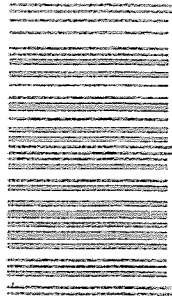
ORDER NO.
5716

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



5716 C6594604

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594604

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	Kcd
	Magnaflux Bolt		11/1/90	Kcd
615	Rollmark Caliber		11/1/90	GS
617	Drill and Tap Sight Holes		11/5/90	AB
618	Polish Barrel <i>AB</i>		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	JA

BARBER - M24 0179621

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.50	5.25	5.50			1/2/91	KT
	G) Safety Off Force	3.25	3.50	3.25			1/2/91	KT
	H) Trigger Pull Test & Retainability						1-4-91	JL
	I) Firing Pin Indent	.020	.021	.020			1/2/91	KT
	J) Assemble Stock						1/4/91	KS
	K) Assemble Swivel Studs						1-11-91	JL
	L) Attach Front and Rear Sight Assemblies						1-4-91	KS
	M) Iron Sight Alignment						1-4-91	KS
	N) Detach Front & Rear Sights & place in numbered container						1-4-91	KS
	O) Attach Scope to Rifle						1-4-91	KS
	P) Detach & Attach Scope 20 Times						1-4-91	KS
640	Gallery Target & Test						1-9-91	NF
	A) Time						1-9-91	NF
	B) Malfunctions						1-9-91	NF
	C) Pierced Primers						1-9-91	NF
	D) Optical Clarity of Scope						1-9-91	NF
645	Inspect for Live Ammo						1-9-91	NF
655	Final Inspection							
	A) Headspace						1-11-91	JL
	B) Trigger Pull	2.41	2.27	2.36	2.35	2.34	1-11-91	JL
	C) Function						1-11-91	JL
660	Pack						3/15/91	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6594604

DATE 1-4-91

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.41	2.41	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.30	2.34	2.27	
PULL #3	2.50	2.31	2.38	2.36	
PULL #4	2.36	2.38	2.48	2.35	
PULL #5	2.26	2.33	2.37	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.22		
PULL #2	3.40	3.41		
PULL #3	3.36	3.31		
PULL #4	3.43	3.26		
PULL #5	3.37	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.32		4.36
PULL #2	4.24	4.30		4.32
PULL #3	4.22	4.33		4.32
PULL #4	4.26	4.36		4.37
PULL #5	4.23	4.36		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594604
10 Jan 1991

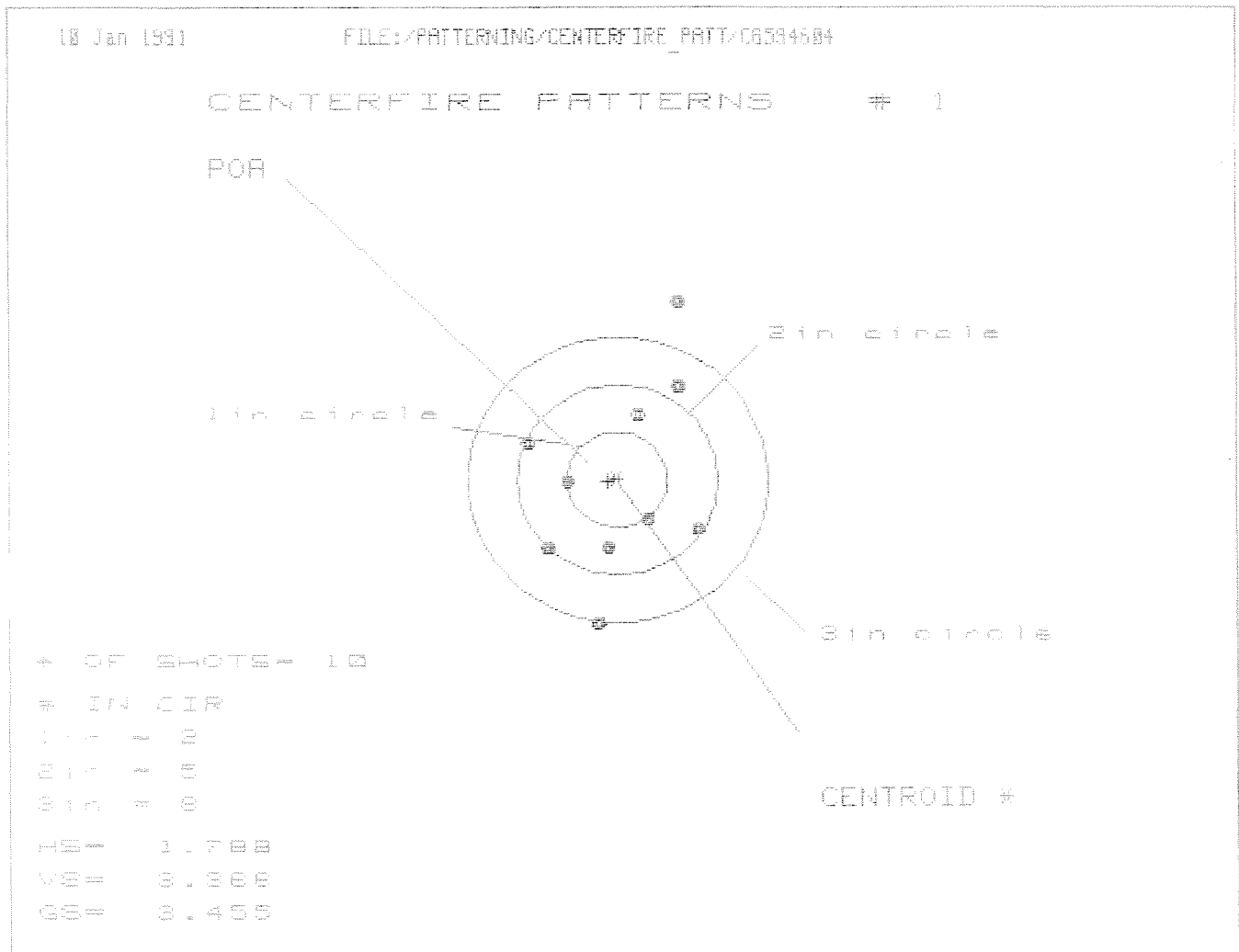
CENTROIDAL DISTANCES

0 TO	1	.0971648
1 TO	2	.357038
1 TO	3	.0926553
1 TO	4	.350454
1 TO	5	.164347

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.038
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0088
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0390056

THE AMR FOR THIS RIFLE IS: .9152

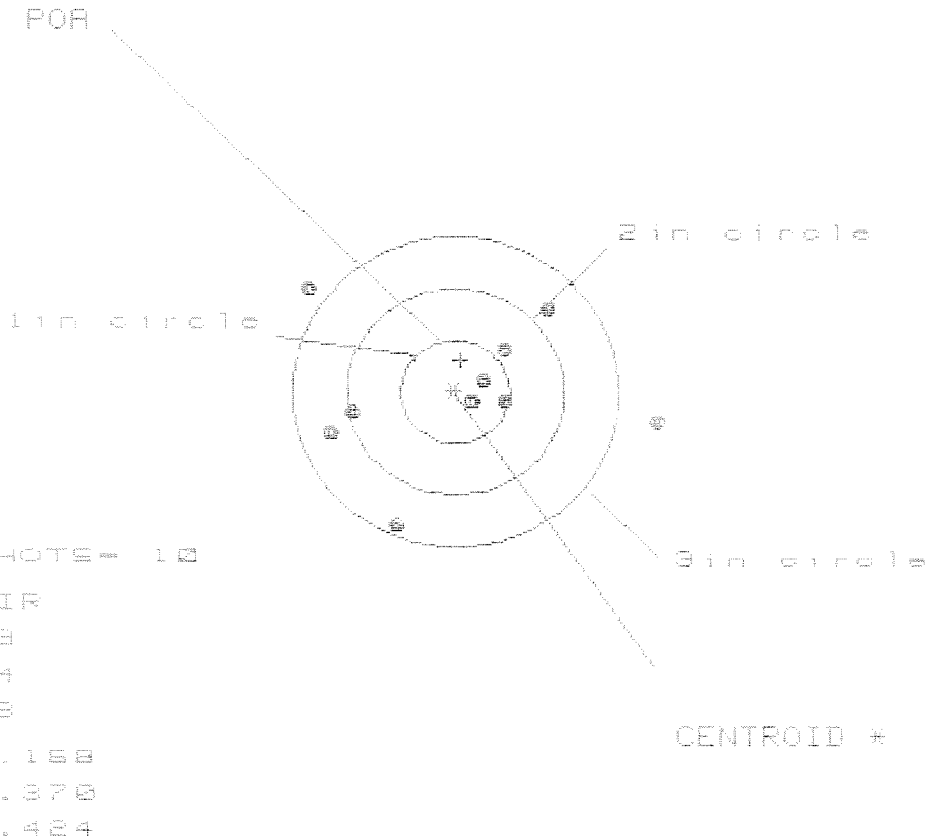


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.847	.911	.893
MINIMUM X	-.941	-.877	-.895
MAXIMUM Y	1.873	1.205	1.044
MINIMUM Y	-1.493	-1.285	-.678
CENTROID X	.096	.032	.050
CENTROID Y	.015	-.193	-.033
POR TO CENTROID in.	.097	.196	.060
MIN RADIUS	.477	.379	.445
MEAN RADIUS	1.003	.861	.812
MAX RADIUS	1.959	1.361	1.212
HORIZONTAL SPREAD	1.788	1.788	1.788
VERTICAL SPREAD	3.366	2.490	1.715
EXTREME SPREAD	3.455	2.607	2.123
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534804

CENTERFIRE PATTERNS # 2



PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.831	1.042	.900
MINIMUM X	-1.337	-1.133	-1.111
MAXIMUM Y	1.042	1.014	.889
MINIMUM Y	-1.328	-1.356	-1.230
CENTROID X	-.054	-.258	-.116
CENTROID Y	-.309	-.281	-.407
FOR TO CENTROID in.	.314	.381	.424
MIN RADIUS	.148	.351	.205
MEAN RADIUS	.999	.938	.824
MAX RADIUS	1.849	1.520	1.334
HORIZONTAL SPREAD	3.168	2.175	2.011
VERTICAL SPREAD	2.370	2.370	2.119
EXTREME SPREAD	3.424	2.549	2.549
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594604

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.978

VS= 1.375

GS= 3.191

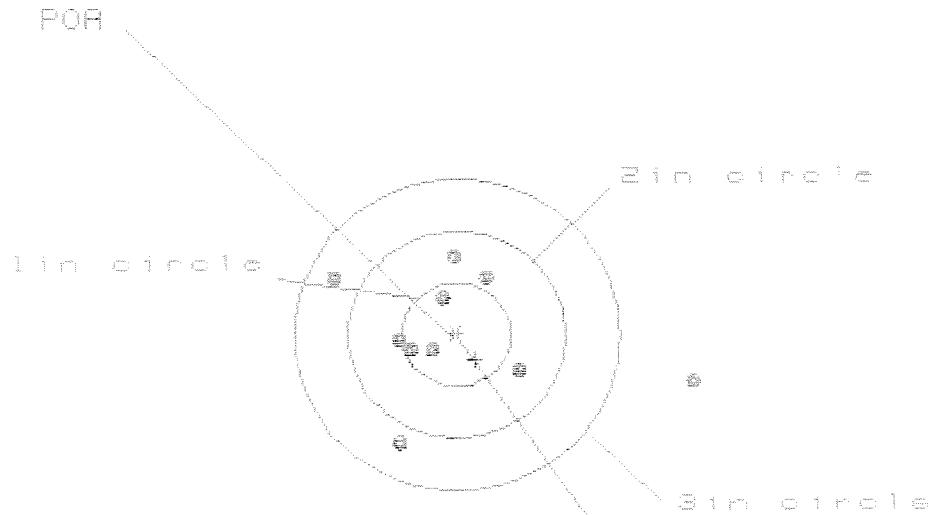
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.082	.783	.684
MINIMUM X	-1.976	-1.428	-.643
MAXIMUM Y	.686	.690	.720
MINIMUM Y	-.689	-.613	-.583
CENTROID X	.004	.223	.402
CENTROID Y	.026	-.050	-.080
POR TO CENTROID in.	.026	.229	.410
MIN RADIUS	.285	.245	.117
MEAN RADIUS	.881	.692	.573
MAX RADIUS	2.092	1.448	.852
HORIZONTAL SPREAD	2.978	2.211	1.247
VERTICAL SPREAD	1.375	1.303	1.303
EXTREME SPREAD	3.191	2.278	1.620
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08534684

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

ME = 3.287

VS = 1.749

GS = 3.446

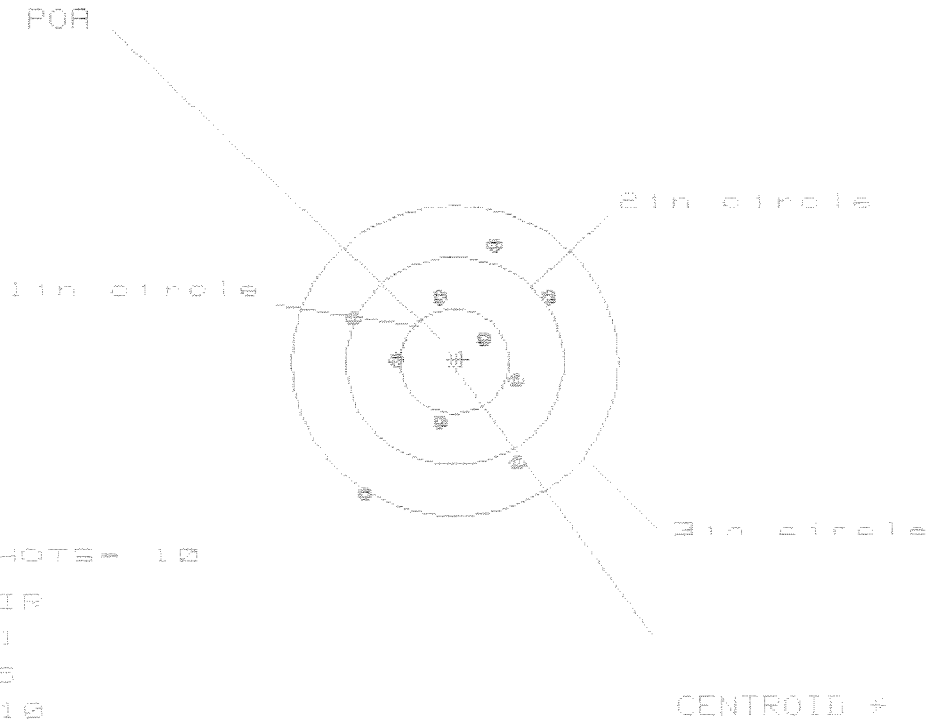
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.138	.889	.694
MINIMUM X	-1.159	-.922	-.455
MAXIMUM Y	.714	.666	.731
MINIMUM Y	-1.035	-1.083	-1.018
CENTROID X	-.171	-.408	-.293
CENTROID Y	.242	.290	.225
POR TO CENTROID in.	.296	.501	.369
MIN RADIUS	.271	.224	.178
MEAN RADIUS	.827	.630	.576
MAX RADIUS	2.180	1.135	1.115
HORIZONTAL SPREAD	3.297	1.731	1.149
VERTICAL SPREAD	1.749	1.749	1.749
EXTREME SPREAD	3.446	1.958	1.847
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

18 Jan 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08534604

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HE= 1.839

VE= 2.398

GS= 2.670

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.858
MINIMUM X	-1.981
MAXIMUM Y	1.156
MINIMUM Y	-1.242
CENTROID X	-.065
CENTROID Y	-.018
POR TO CENTROID in.	.067
MIN RADIUS	.284
MEAN RADIUS	.866
MAX RADIUS	1.490
HORIZONTAL SPREAD	1.839
VERTICAL SPREAD	2.398
EXTREME SPREAD	2.670
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	10

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0179629

COMMENTS

ORDER

R 94-18786

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834	W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN			
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6594604	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES	HARD CASE	SCOPE MNTS	SCOPE BASE	SLING STRAP	

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS				
Trigger Assy	173.31				
✓ Front Sight Assy	56.75				
✓ Rear Sight Assy	231.0				
Inspect/Test/Clean	50.0				
	511.06				
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD5925 REV. 1/

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0179629

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 66594604

DATE 2-14-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.47	2.46	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.47	2.66	
PULL #3	2.45	2.48	2.66	
PULL #4	2.51	2.55	2.68	
PULL #5	2.46	2.50	2.68	
TOTAL	1235	1244	1337	
AVG.	2.47	2.49	2.67	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.06	3.09	
PULL #2	3.11	3.08	
PULL #3	3.03	3.07	
PULL #4	3.12	3.05	
PULL #5	3.03	3.07	
TOTAL	1535	1536	
AVG.	3.07	3.07	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.24		4.30
PULL #2	4.27	4.26		4.26
PULL #3	4.34	4.25		4.25
PULL #4	4.26	4.27		4.28
PULL #5	4.24	4.25		4.28
TOTAL	2140	2127		2137
AVG.	4.28	4.25		4.27

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594604

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 0179632 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			2/27/96	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			2/27/96	WB
	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							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.53	2.54	2.54	2.55	2.57	2/24/96	RW
	C) Function							
660	Pack							