

G6414408
Replaced
C.6611507

Repair Inquiry

Repair Number: RE00140424

Serial: G6414408 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 1/22/2008 3:16:07 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

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
D000	BI POD ALL BROKEN	1

naglelj

1/23/2008

1:06 PM

NUM

Serial
Number:

G6414408

Model: M24 SWS



RE00140424

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414408.__0
FILE DATE AND TIME: 02/12/2008 06:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.025
The Average Y Centroid of the Five Target Set:	-0.059
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.115
The Distance from Centroid Target #2 to Centroid Target #1:	0.016
The Distance from Centroid Target #3 to Centroid Target #1:	0.073
The Distance from Centroid Target #4 to Centroid Target #1:	0.198
The Distance from Centroid Target #5 to Centroid Target #1:	0.029

SERIAL NUMBER: G6414408. __0

TARGET NUMBER: 1

FILE DATE: 02/12/2008

FILE TIME: 06:44

POINT#	X	Y
1:	1.112	-0.530
2:	0.468	-0.798
3:	0.145	-0.703
4:	-0.184	-0.910
5:	-0.642	-0.554
6:	-0.047	-0.058
7:	-0.513	0.134
8:	-0.889	0.499
9:	0.051	0.913
10:	0.992	0.973

X CENTROID: 0.049

Y CENTROID: -0.103

POA TO CENTROID: 0.115

HORZ SPREAD: 2.001

VERT SPREAD: 1.883

GROUP SPREAD: 2.236

MIN RADIUS: 0.106

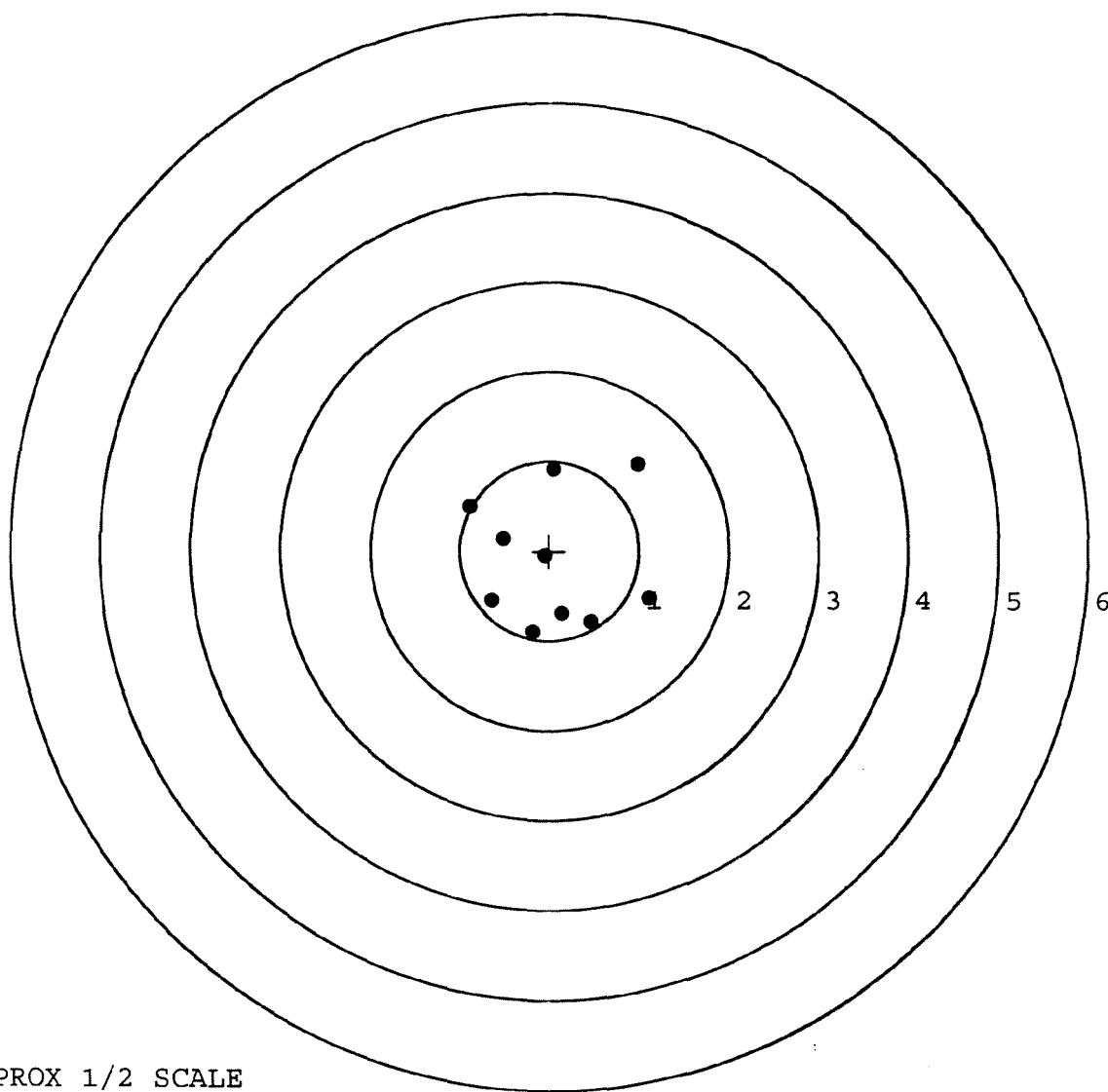
MAX RADIUS: 1.431

MEAN RADIUS: 0.851

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

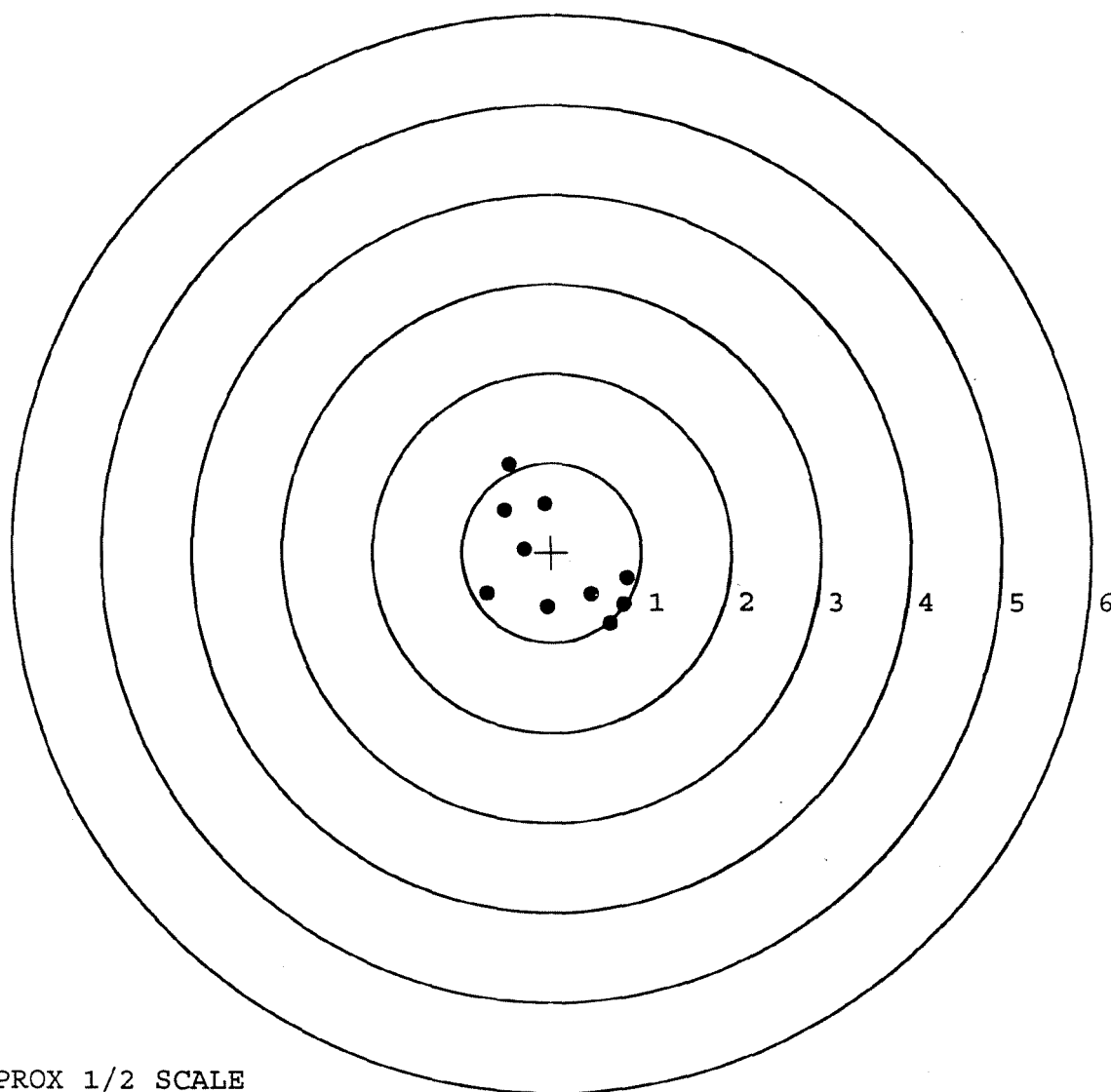


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414408. __0
TARGET NUMBER: 2
FILE DATE: 02/12/2008
FILE TIME: 06:44

POINT#	X	Y
1:	0.655	-0.797
2:	0.803	-0.574
3:	0.842	-0.285
4:	0.446	-0.464
5:	-0.046	-0.613
6:	-0.726	-0.465
7:	-0.300	0.035
8:	-0.522	0.480
9:	-0.079	0.543
10:	-0.474	0.984

X CENTROID: 0.060
Y CENTROID: -0.116
POA TO CENTROID: 0.130
HORZ SPREAD: 1.568
VERT SPREAD: 1.781
GROUP SPREAD: 2.109
MIN RADIUS: 0.390
MAX RADIUS: 1.222
MEAN RADIUS: 0.758
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

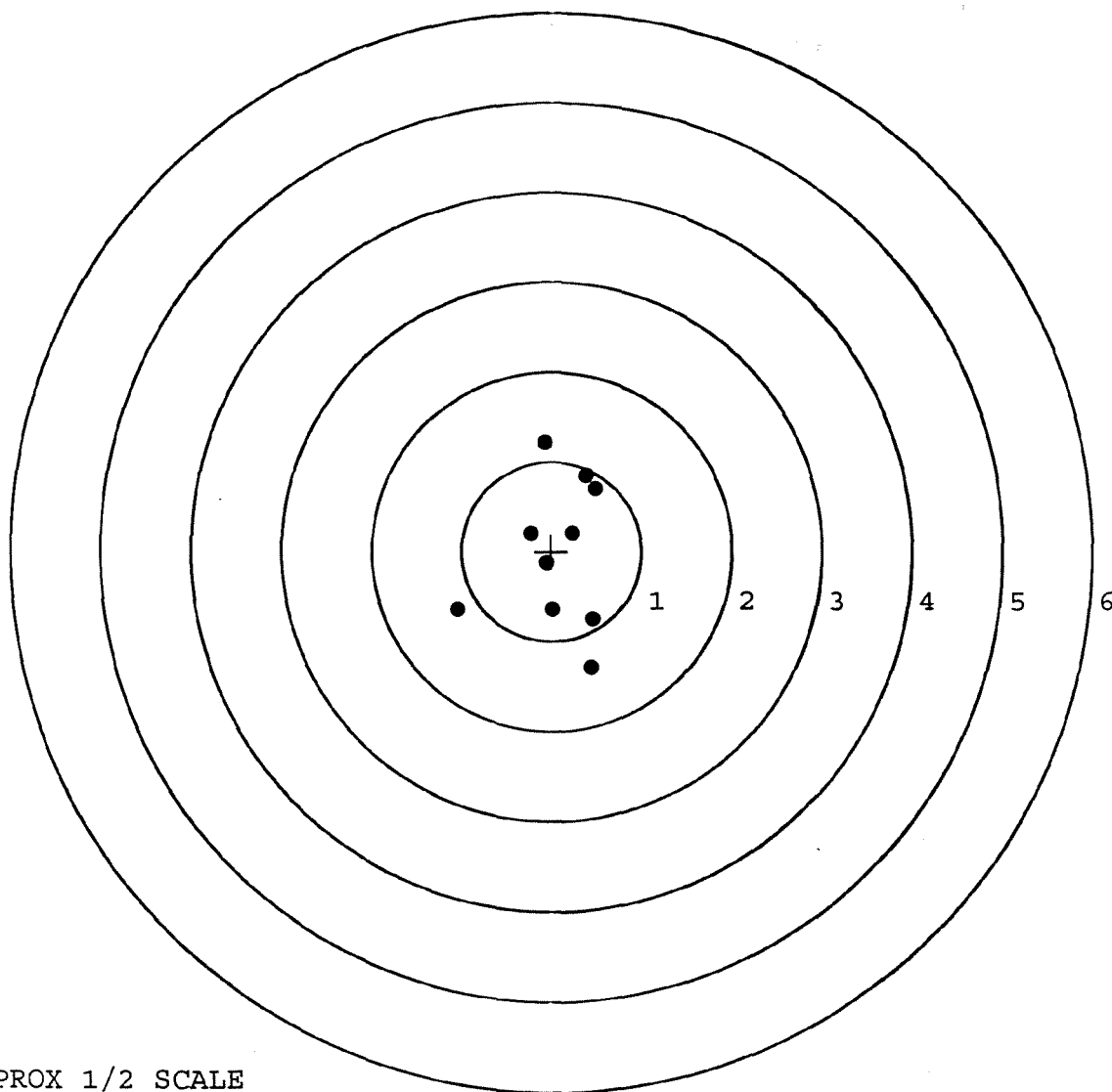


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414408. __0
TARGET NUMBER: 3
FILE DATE: 02/12/2008
FILE TIME: 06:44

POINT#	X	Y
1:	0.446	-1.295
2:	0.465	-0.754
3:	0.020	-0.657
4:	-1.044	-0.657
5:	-0.059	-0.130
6:	-0.227	0.204
7:	0.237	0.210
8:	0.491	0.701
9:	0.390	0.852
10:	-0.074	1.210

X CENTROID: 0.064
Y CENTROID: -0.032
POA TO CENTROID: 0.072
HORZ SPREAD: 1.535
VERT SPREAD: 2.505
GROUP SPREAD: 2.558
MIN RADIUS: 0.158
MAX RADIUS: 1.320
MEAN RADIUS: 0.791
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

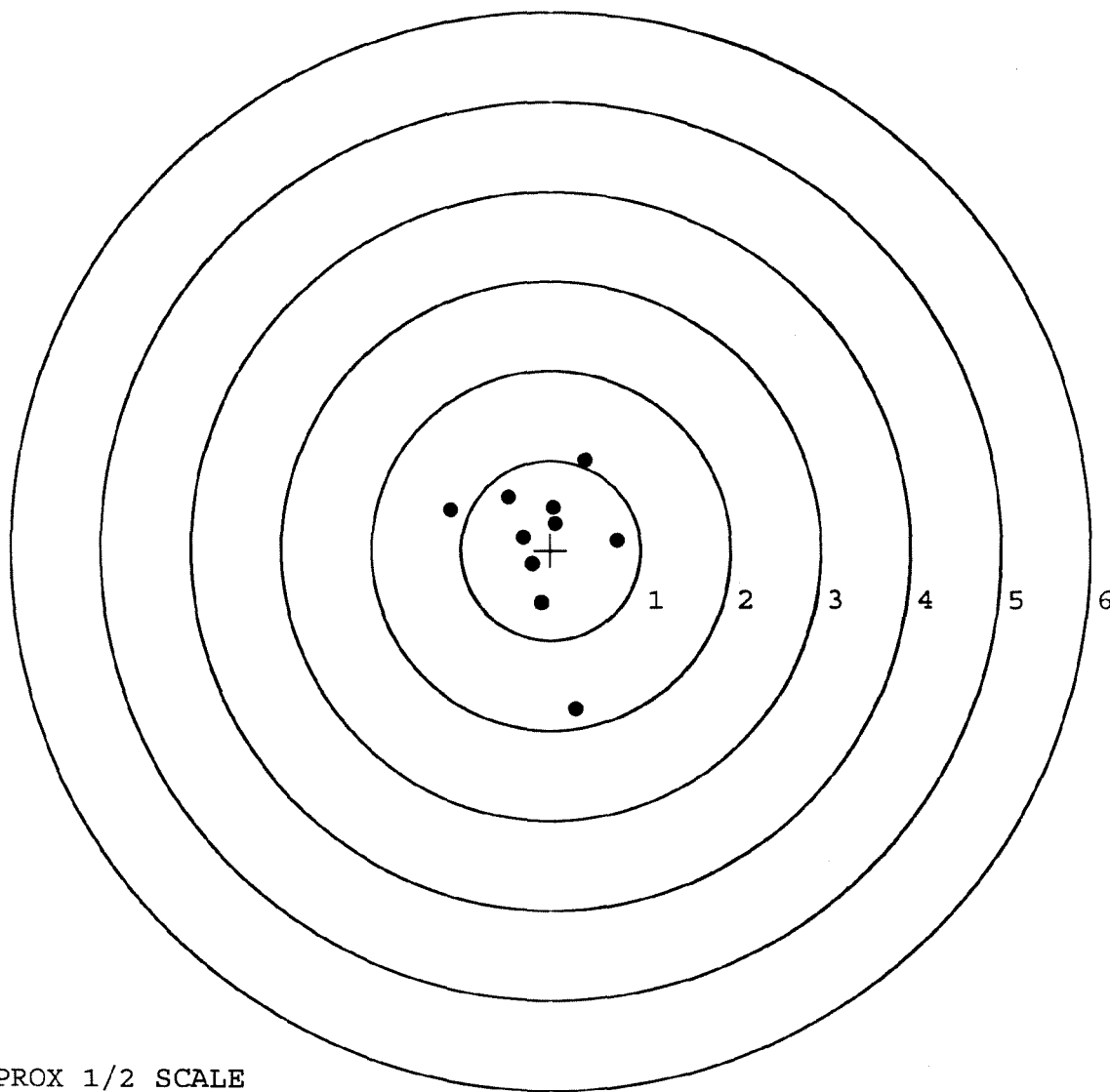


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414408. 0
TARGET NUMBER: 4
FILE DATE: 02/12/2008
FILE TIME: 06:44

POINT#	X	Y
1:	0.285	-1.770
2:	-0.109	-0.589
3:	0.742	0.111
4:	-0.202	-0.154
5:	-0.471	0.590
6:	-1.114	0.453
7:	0.390	1.000
8:	0.029	0.476
9:	0.053	0.294
10:	-0.304	0.138

X CENTROID: -0.070
Y CENTROID: 0.055
POA TO CENTROID: 0.089
HORZ SPREAD: 1.856
VERT SPREAD: 2.770
GROUP SPREAD: 2.772
MIN RADIUS: 0.247
MAX RADIUS: 1.859
MEAN RADIUS: 0.735
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

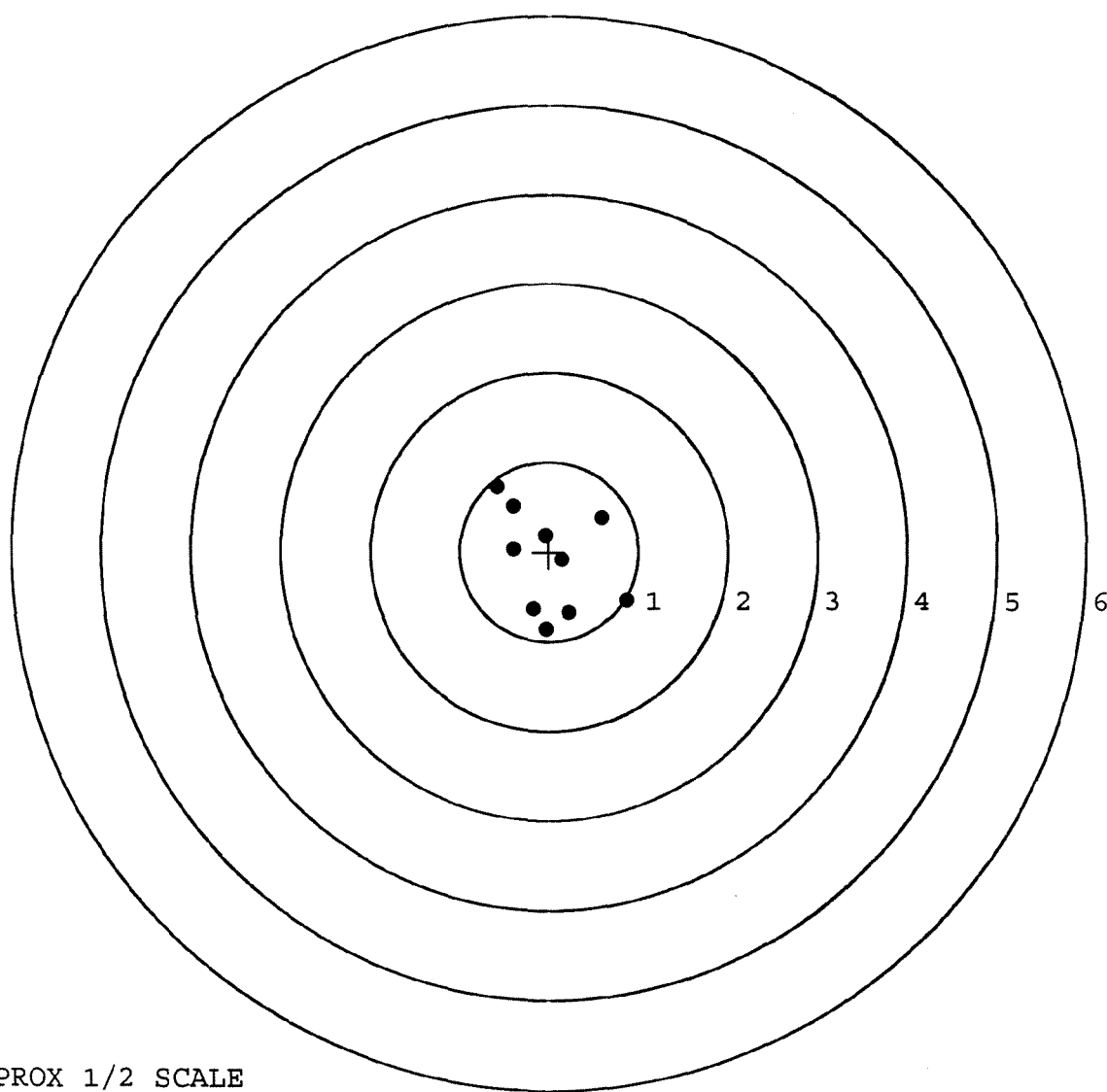


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414408.___0
TARGET NUMBER: 5
FILE DATE: 02/12/2008
FILE TIME: 06:44

POINT#	X	Y
1:	0.867	-0.545
2:	0.590	0.380
3:	-0.585	0.716
4:	-0.406	0.505
5:	-0.037	0.186
6:	0.148	-0.088
7:	-0.396	0.031
8:	0.223	-0.681
9:	-0.177	-0.645
10:	-0.028	-0.869

X CENTROID: 0.020
Y CENTROID: -0.101
POA TO CENTROID: 0.103
HORZ SPREAD: 1.452
VERT SPREAD: 1.585
GROUP SPREAD: 1.923
MIN RADIUS: 0.129
MAX RADIUS: 1.017
MEAN RADIUS: 0.628
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00140424
SERIAL NUMBER G6414408
LOG-IN DATE 1-22-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-24-08	L.P.D.
505	RE-BARREL	1-25-08	L.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	L.P.D.
612	MAGNAFLUX	2-1-08	JB
510	DRILL AND TAP	1-30-08	TRW
615	ROLLMARK CALIBER	1-30-08	CW
618	ROTO-BLAST	2-4-08	LY
620	APPLY COATINGS	2-6-08	CW
625	FINAL ASSEMBLY	2-7-08	L.P.D.
640	FUNCTION TEST AND	2-12-08	TRW
650	TARGET	2-11-08	TRW
	MALFUNCTION (Creep in trigger)	CORRECTION OK	2-12-08
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-11-08	R.P.
	A) HEADSPACE	PASS FAIL	2-12-08
	B) TRIGGER PULL	2.97 2.98 2.95 2.91 2.99	2-12-08
680	F) SAFETY ON FORCE	7.5 7.5 7.5	2-12-08
	G) SAFETY OFF FORCE	2.5 2.5 2.0	2-12-08
	I) FIRING PIN INDENT	.022 .023 .023	2-12-08
690	PACK		2-19-08

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: **RE00087143** Serial: C6611507 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/27/2004 2:40:40 PM

Verify Repair

Address Information

Customer: ☒ Received From: Return To: ☐ Received From

Name: **TRANSPORTATION DIV DFEL** **TRANSPORTATION DIV DFEL**

Address 1: **BLDG 1836** **BLDG 1836**

Address 2: **6759 MITCHELL AVE** PO Box: **6759 MITCHELL AVE** 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:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
C000	F AND R SGT BASES	1

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

magletj 10/27/2004 3:30 PM CAPS NUM INS SCPL

start 2 3 2

Serial Number: **C6611507**

Model: **M24 SWS**



RE00087143

New G6414408

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6414408.___0
FILE DATE AND TIME: 11/23/2004 08:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.122
The Average Y Centroid of the Five Target Set:	0.018
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.733
The Distance from POA to Centroid Target #1:	0.175
The Distance from Centroid Target #2 to Centroid Target #1:	0.199
The Distance from Centroid Target #3 to Centroid Target #1:	0.250
The Distance from Centroid Target #4 to Centroid Target #1:	0.170
The Distance from Centroid Target #5 to Centroid Target #1:	0.334

SERIAL NUMBER: C6414408. 0

TARGET NUMBER: 1

FILE DATE: 11/23/2004

FILE TIME: 08:56

POINT#	X	Y
1:	-1.159	1.356
2:	-0.153	1.179
3:	0.872	-0.039
4:	0.506	-0.480
5:	0.042	-0.328
6:	-0.110	-0.400
7:	-0.390	0.004
8:	-0.816	0.215
9:	0.126	0.161
10:	-0.081	-0.363

X CENTROID: -0.116

Y CENTROID: 0.131

POA TO CENTROID: 0.175

HORZ SPREAD: 2.031

VERT SPREAD: 1.836

GROUP SPREAD: 2.479

MIN RADIUS: 0.244

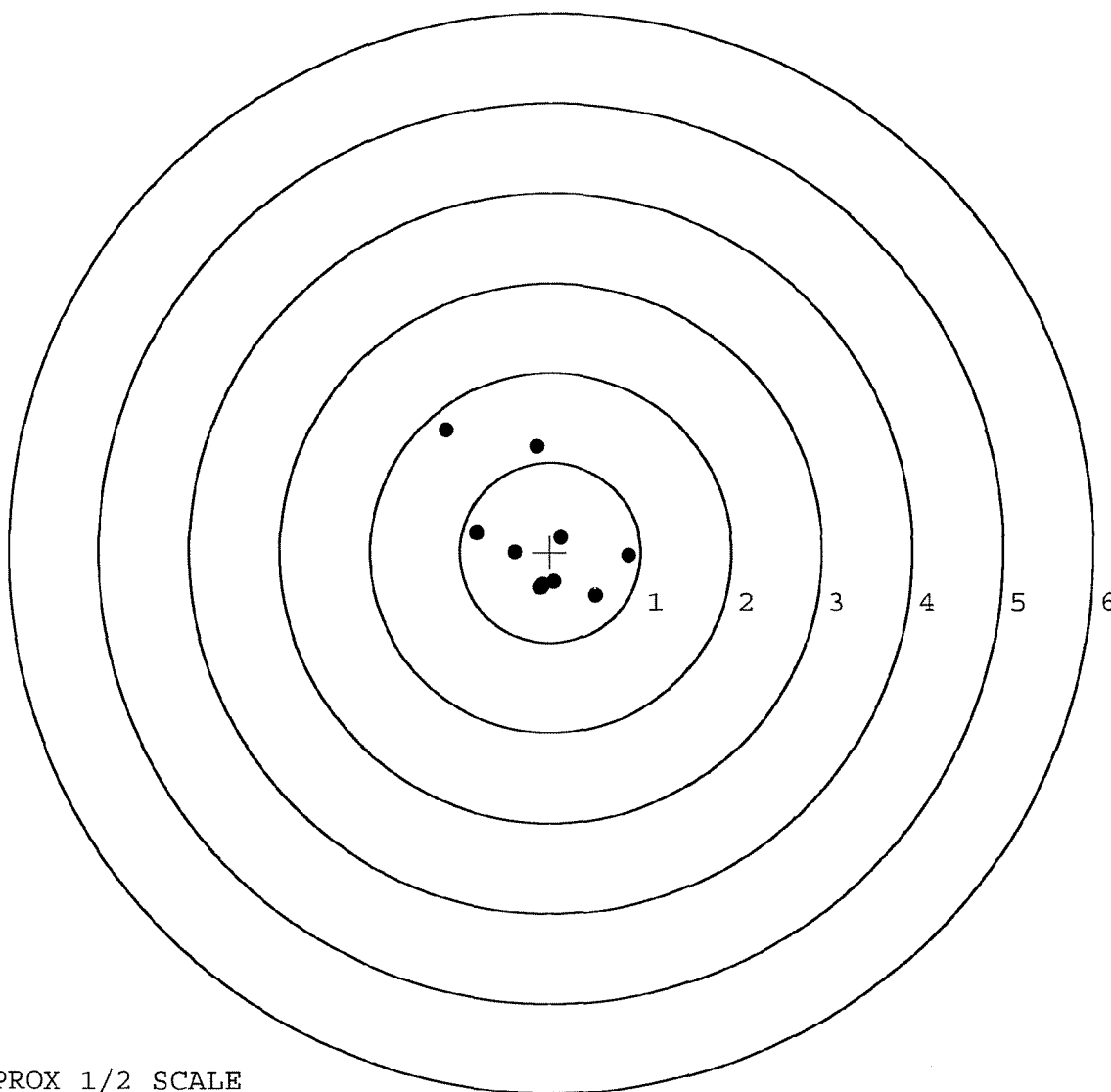
MAX RADIUS: 1.609

MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6414408. 0

TARGET NUMBER: 2

FILE DATE: 11/23/2004

FILE TIME: 08:56

POINT#	X	Y
1:	0.390	1.092
2:	-0.326	0.790
3:	-1.424	1.077
4:	-1.246	0.720
5:	-0.240	0.198
6:	-0.369	0.044
7:	-0.625	-0.460
8:	0.133	-0.542
9:	0.610	-0.348
10:	0.150	-0.377

X CENTROID: -0.295

Y CENTROID: 0.219

POA TO CENTROID: 0.367

HORZ SPREAD: 2.034

VERT SPREAD: 1.634

GROUP SPREAD: 2.484

MIN RADIUS: 0.059

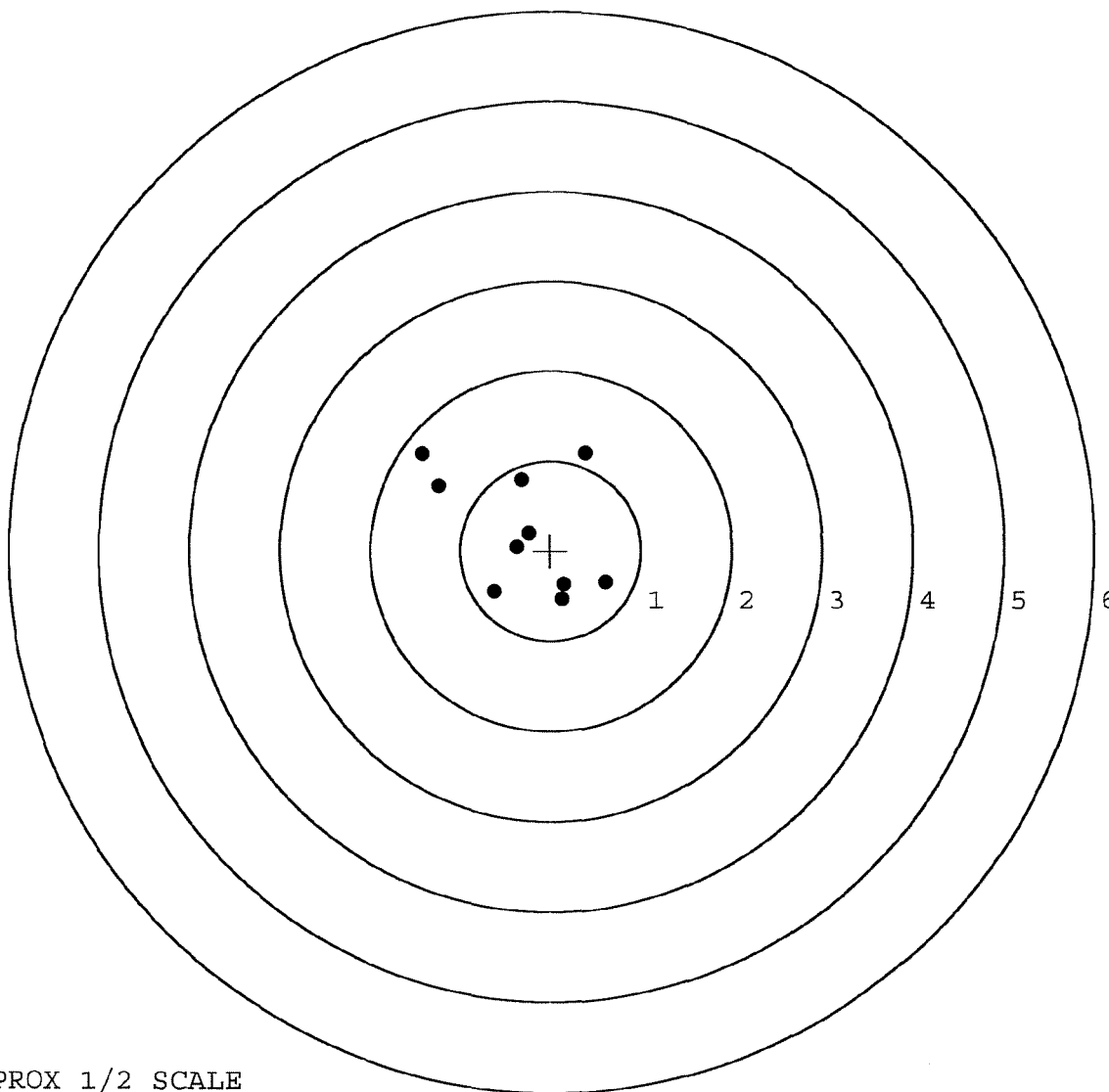
MAX RADIUS: 1.418

MEAN RADIUS: 0.786

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6414408.___0

TARGET NUMBER: 3

FILE DATE: 11/23/2004

FILE TIME: 08:56

POINT#	X	Y
1:	0.547	0.603
2:	0.646	0.091
3:	0.583	-0.682
4:	-0.215	-0.572
5:	-0.500	-0.527
6:	-0.677	-0.294
7:	-0.657	-0.035
8:	-1.135	0.190
9:	0.297	0.013
10:	-0.156	0.018

X CENTROID: -0.127

Y CENTROID: -0.119

POA TO CENTROID: 0.174

HORZ SPREAD: 1.781

VERT SPREAD: 1.285

GROUP SPREAD: 1.927

MIN RADIUS: 0.141

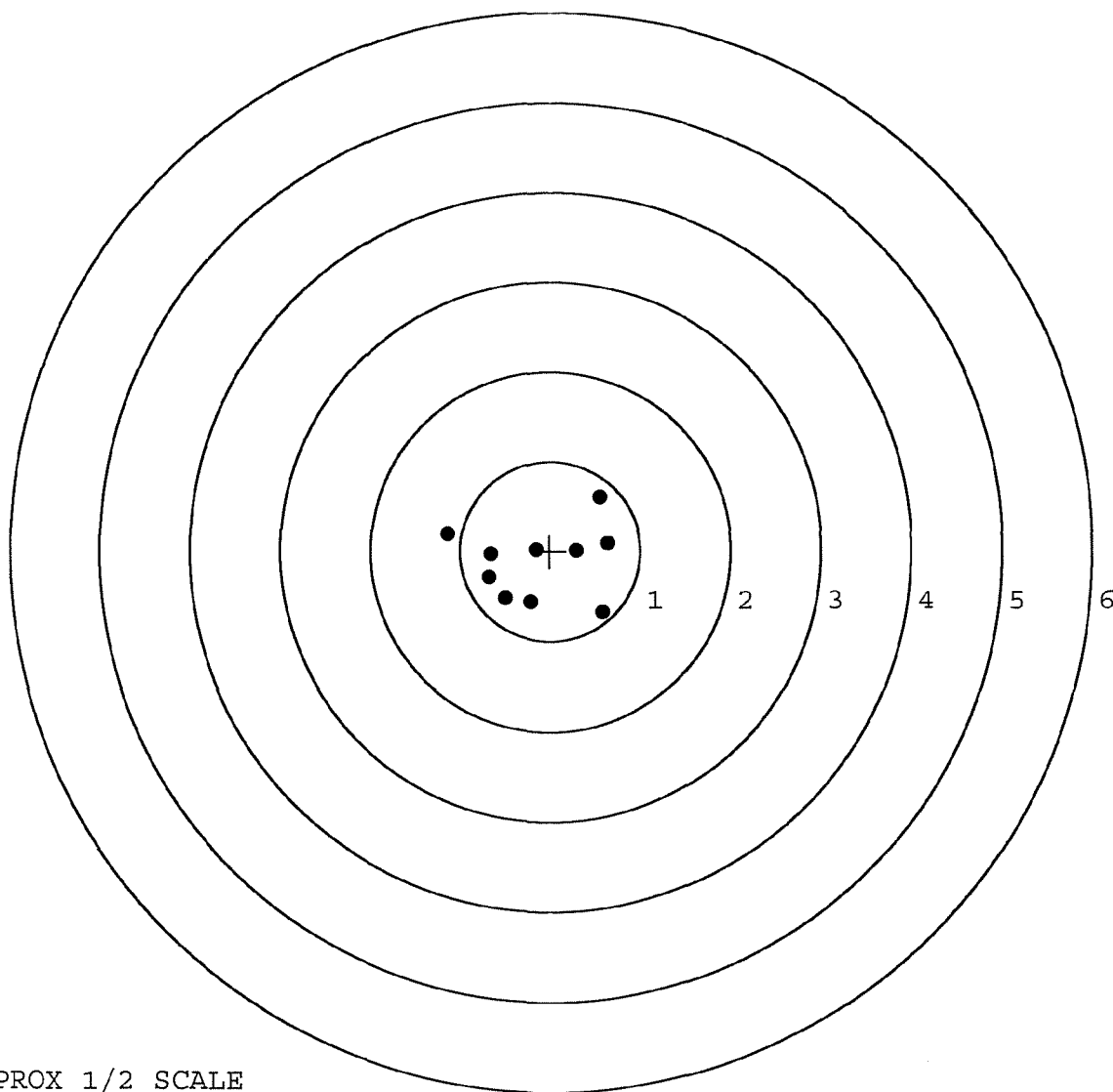
MAX RADIUS: 1.055

MEAN RADIUS: 0.646

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6414408. __ 0

TARGET NUMBER: 4

FILE DATE: 11/23/2004

FILE TIME: 08:56

POINT#	X	Y
1:	0.793	0.361
2:	0.787	0.090
3:	0.429	0.033
4:	-0.713	-1.092
5:	-0.322	-0.755
6:	-0.101	-0.150
7:	-1.051	-0.395
8:	-1.124	0.121
9:	-0.605	0.371
10:	0.085	1.157

X CENTROID: -0.182

Y CENTROID: -0.026

POA TO CENTROID: 0.184

HORZ SPREAD: 1.917

VERT SPREAD: 2.249

GROUP SPREAD: 2.386

MIN RADIUS: 0.148

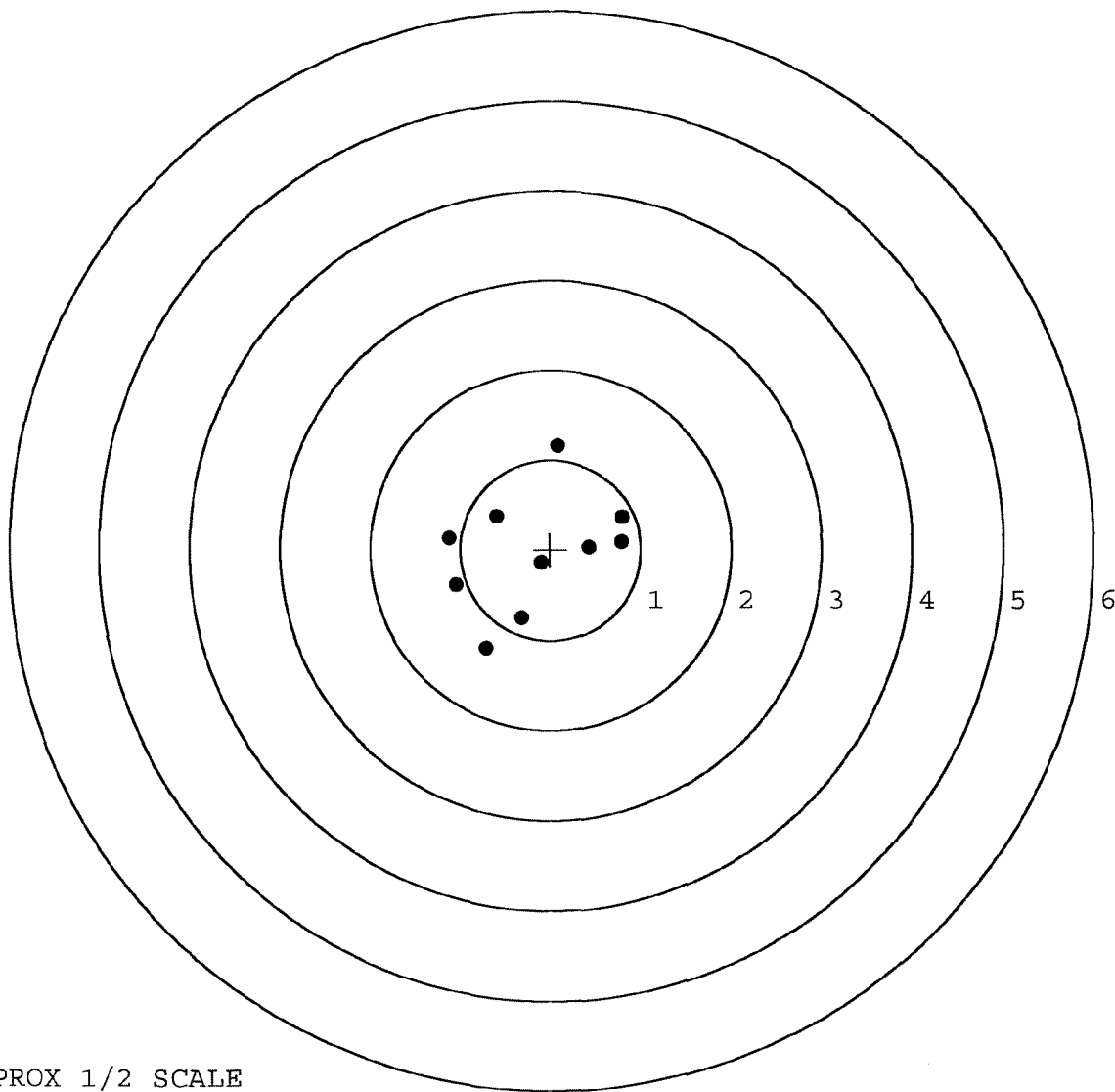
MAX RADIUS: 1.213

MEAN RADIUS: 0.841

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

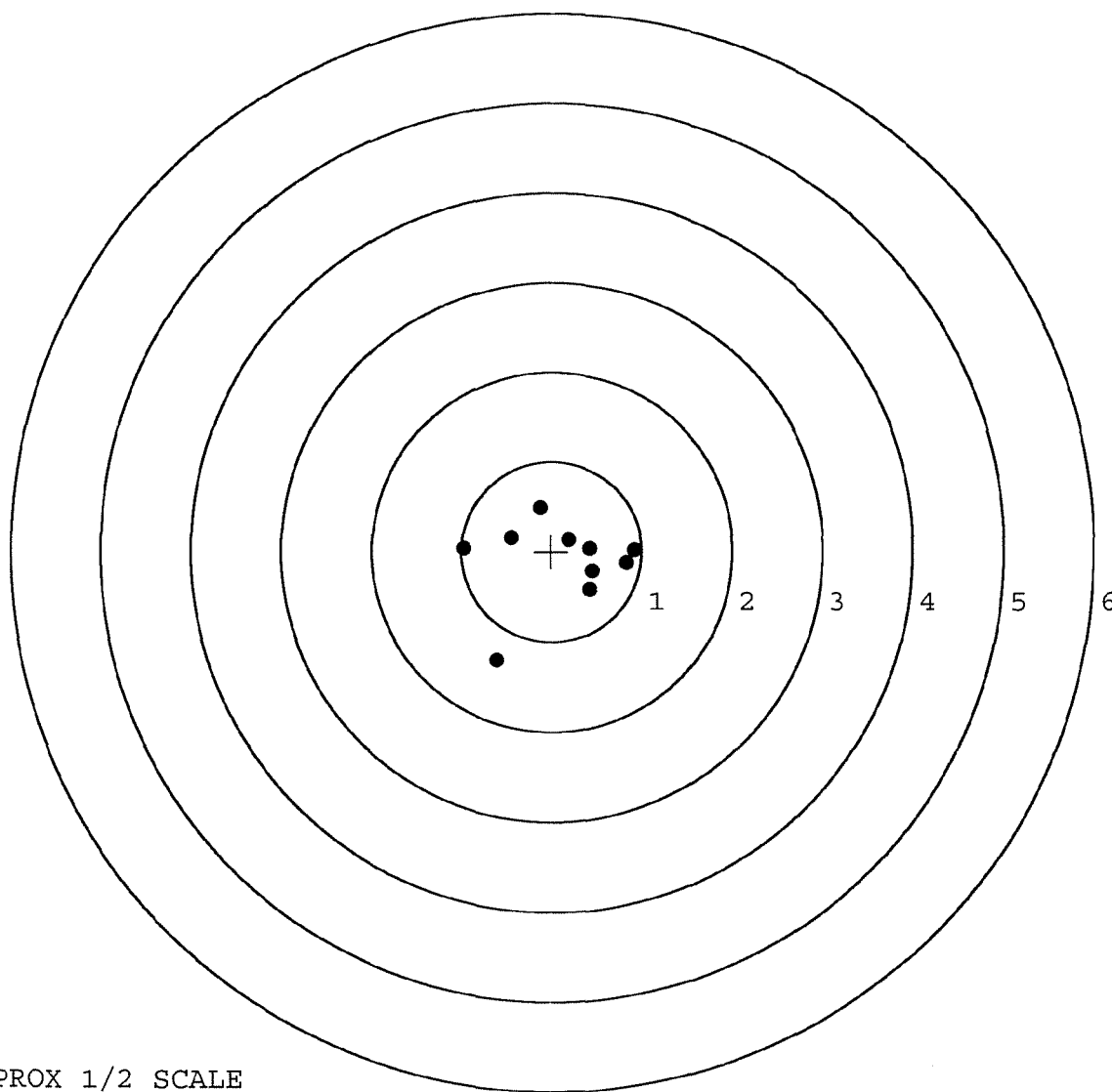


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6414408. __0
TARGET NUMBER: 5
FILE DATE: 11/23/2004
FILE TIME: 08:56

X CENTROID: 0.112
Y CENTROID: -0.113
POA TO CENTROID: 0.159
HORZ SPREAD: 1.897
VERT SPREAD: 1.691
GROUP SPREAD: 1.961
MIN RADIUS: 0.259
MAX RADIUS: 1.310
MEAN RADIUS: 0.662
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.925	0.018
2:	0.834	-0.133
3:	0.428	-0.423
4:	0.456	-0.215
5:	0.430	0.035
6:	0.197	0.131
7:	-0.128	0.481
8:	-0.445	0.150
9:	-0.972	0.032
10:	-0.604	-1.210



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 10-21-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.23	2.30		2.11	
PULL #2	2.25	2.26		2.28	
PULL #3	2.53	2.37		2.29	
PULL #4	2.45	2.38		2.30	
PULL #5	2.45	2.36		2.29	
TOTAL	11.91	11.67		11.27	
AVERAGE	2.38	2.33		2.25	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.24		
PULL #2	3.40	3.23		
PULL #3	3.45	3.18		
PULL #4	3.37	3.23		
PULL #5	3.33	3.29		
TOTAL	17.04	16.17		
AVERAGE	3.40	3.23		

	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	4.29	4.21		4.15
PULL #2	4.25	4.28		4.30
PULL #3	4.29	4.27		4.30
PULL #4	4.32	4.28		4.29
PULL #5	4.33	4.10		4.33
TOTAL	21.48	21.14		21.37
AVERAGE	4.29	4.22		4.27

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

R & E NUMBER	87043		
SERIAL NUMBER	C-6611507 New G-6414408		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-1-04	RA
560 A	RE-BARREL	11-8-04	RTL
B	DRILL AND TAP	11-10-04	TRW
575	ASSEMBLE	11-8-04	RTL
600	PROOF	11-9-04	RTL
605	CHECK HEADSPACE	11-9-04	RTL
610	DIS-ASSEMBLE GUN	11-10-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11/11/04	B
618	ROTO-BLAST	11/11/04	LB
620	APPLY COATINGS	11/13	HP
625 A	FINAL ASSEMBLY	11-19-04	RTL
B	TRIGGER PULL TEST	11-23-04	AC
C	SAFETY "ON" FORCE	11-23-04	AC
D	SAFETY "OFF" FORCE	11-23-04	AC
E	FIRING PIN INDENT	11-23-04	AC
640	TARGET	11-23-04	AC
655	FINAL INSPECT	11-23-04	AC
660	PACK	11-24-04	RA
		SHIP DATE	
		QAR INSPECTION DATE	

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: **RE00050327** Serial: **C6611507** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:
 Verify Repair Status: **Closed 8/6/02 3:27:05 PM**

Address Information

Customer: **USAIC** Received From: **USAIC** Return To: **USAIC** Received From:
 Address 1: **DFEL SUPPLY DIV BLDG 490** Address 2: **DFEL SUPPLY DIV BLDG 490** PG Box:
 City: **FORT BENNING** State: **GA** Zip Code: **31905** Country: **US**
 FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes: **PACKED IN SAME HARD CASE AS SER# E6413546**

Accessories Received

Code	Desc	Qt
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	2

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

Start | Inbox - Microsoft Out... | Calendar - Microsoft... | Microsoft Excel | Arms Services R... | 7:48 AM

Serial Number: **C6611507**

Model: **700**



RE00050327

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611507.___0
FILE DATE AND TIME: 08/24/2002 14:00

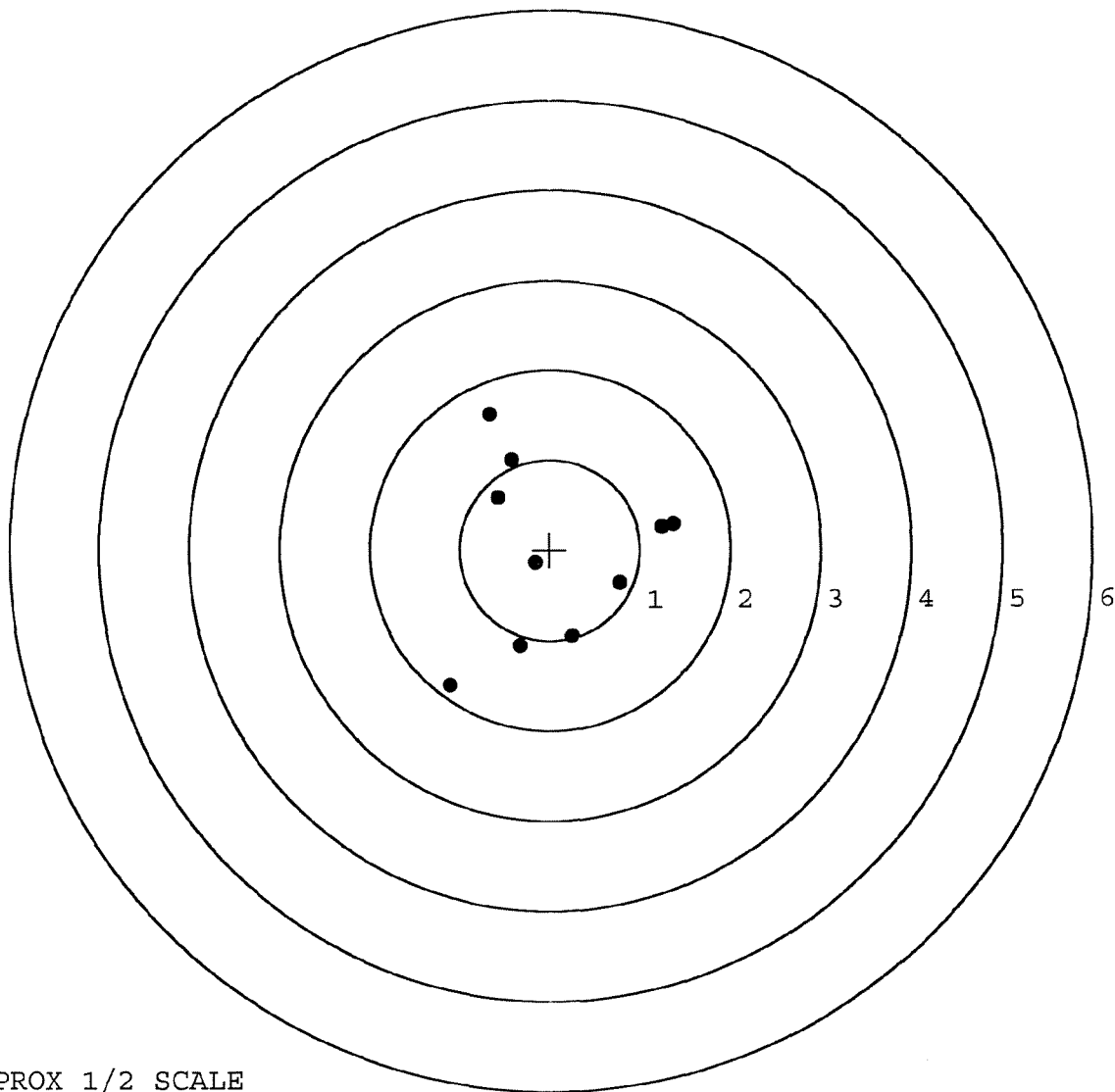
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.064
The Average Y Centroid of the Five Target Set:	-0.089
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	0.950
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.060
The Distance from Centroid Target #3 to Centroid Target #1:	0.250
The Distance from Centroid Target #4 to Centroid Target #1:	0.117
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: C6611507. __0
TARGET NUMBER: 1
FILE DATE: 08/24/2002
FILE TIME: 14:00

POINT#	X	Y
1:	1.363	0.284
2:	1.238	0.250
3:	0.775	-0.369
4:	0.251	-0.954
5:	-0.331	-1.064
6:	-1.108	-1.502
7:	-0.162	-0.143
8:	-0.576	0.575
9:	-0.425	0.995
10:	-0.672	1.507

X CENTROID: 0.035
Y CENTROID: -0.042
POA TO CENTROID: 0.055
HORZ SPREAD: 2.471
VERT SPREAD: 3.009
GROUP SPREAD: 3.049
MIN RADIUS: 0.222
MAX RADIUS: 1.854
MEAN RADIUS: 1.122
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611507.___0

TARGET NUMBER: 2

FILE DATE: 08/24/2002

FILE TIME: 14:00

X CENTROID: -0.023

Y CENTROID: -0.053

POA TO CENTROID: 0.058

HORZ SPREAD: 1.382

VERT SPREAD: 3.199

GROUP SPREAD: 3.253

MIN RADIUS: 0.657

MAX RADIUS: 1.955

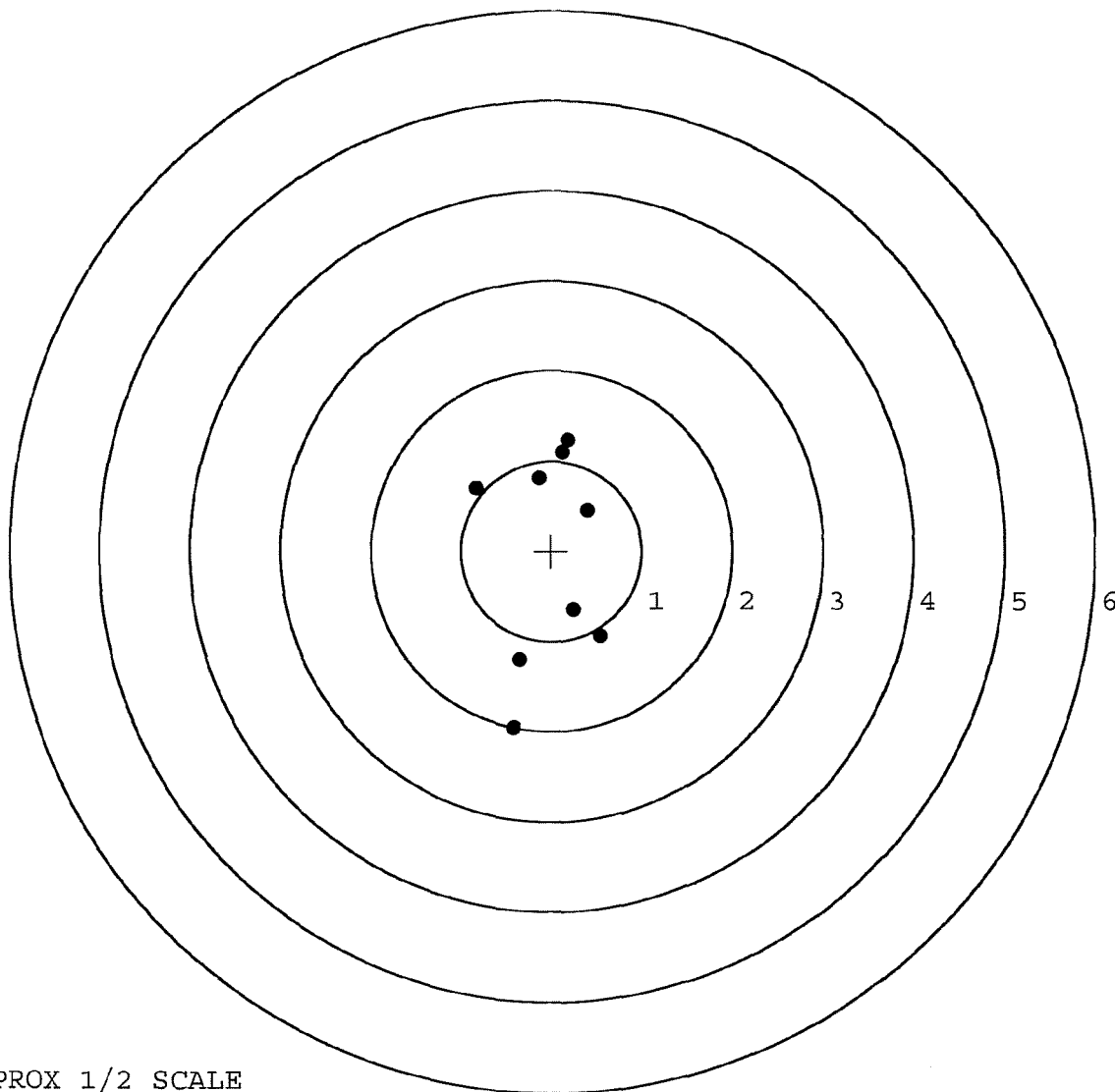
MEAN RADIUS: 1.108

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.408	-1.970
2:	-0.352	-1.212
3:	0.552	-0.941
4:	0.255	-0.648
5:	0.405	0.458
6:	0.181	1.229
7:	0.126	1.099
8:	-0.139	0.808
9:	-0.830	0.698

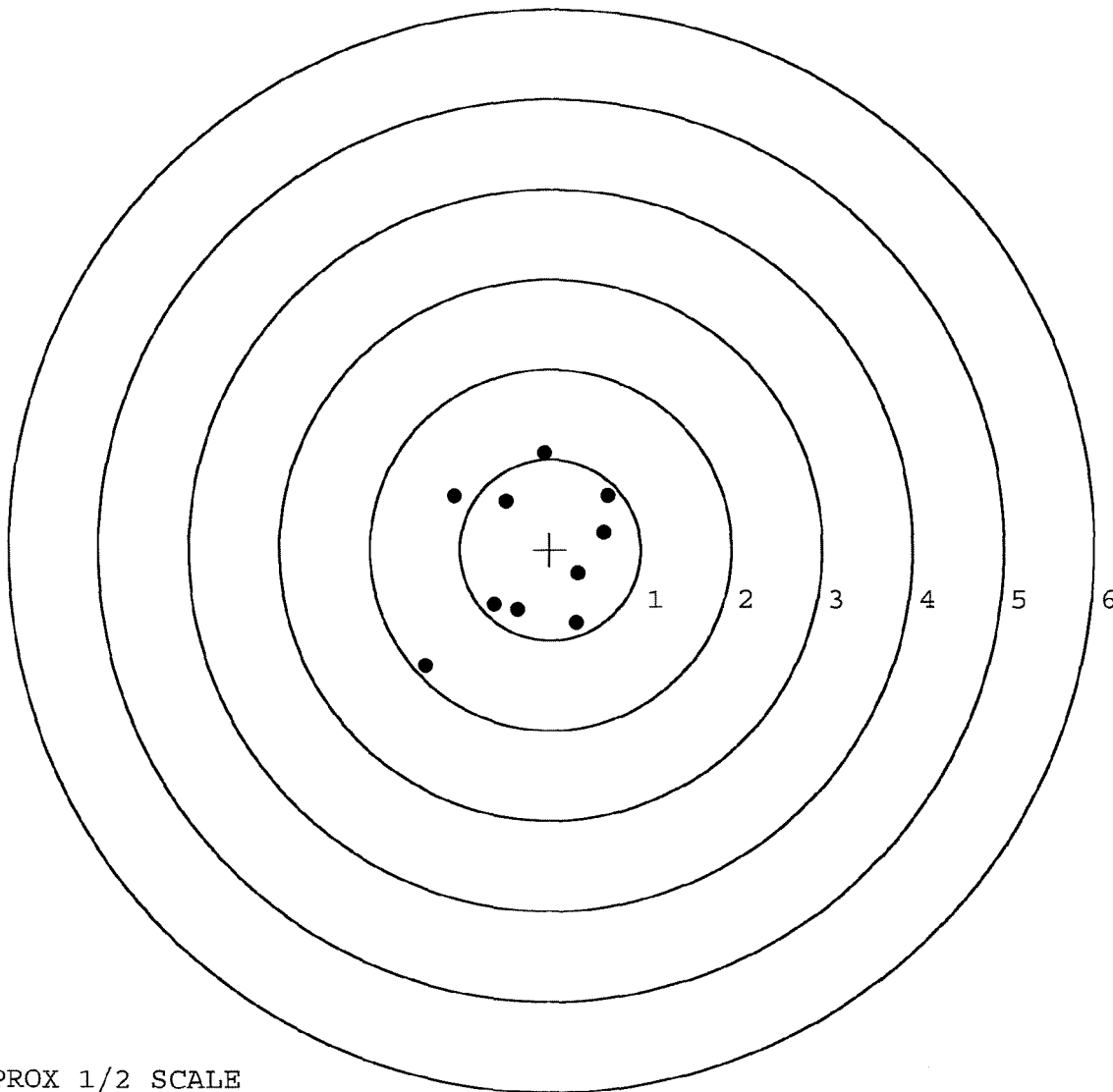


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611507.___0
TARGET NUMBER: 3
FILE DATE: 08/24/2002
FILE TIME: 14:00

X CENTROID: -0.213
Y CENTROID: -0.067
POA TO CENTROID: 0.223
HORZ SPREAD: 2.015
VERT SPREAD: 2.356
GROUP SPREAD: 2.763
MIN RADIUS: 0.562
MAX RADIUS: 1.691
MEAN RADIUS: 0.926
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.377	-1.294
2:	-1.064	0.592
3:	-0.493	0.536
4:	-0.069	1.062
5:	0.638	0.597
6:	0.596	0.187
7:	0.313	-0.264
8:	0.296	-0.813
9:	-0.355	-0.669
10:	-0.615	-0.609



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611507. __0

TARGET NUMBER: 4

FILE DATE: 08/24/2002

FILE TIME: 14:00

POINT#	X	Y
1:	1.075	-2.008
2:	-0.550	-0.685
3:	-1.083	0.473
4:	-0.203	0.079
5:	-0.139	0.637
6:	0.335	0.624
7:	-0.879	1.256
8:	0.455	-0.326
9:	-0.023	-0.318
10:	0.199	-0.275

X CENTROID: -0.081

Y CENTROID: -0.054

POA TO CENTROID: 0.098

HORZ SPREAD: 2.158

VERT SPREAD: 3.264

GROUP SPREAD: 3.804

MIN RADIUS: 0.180

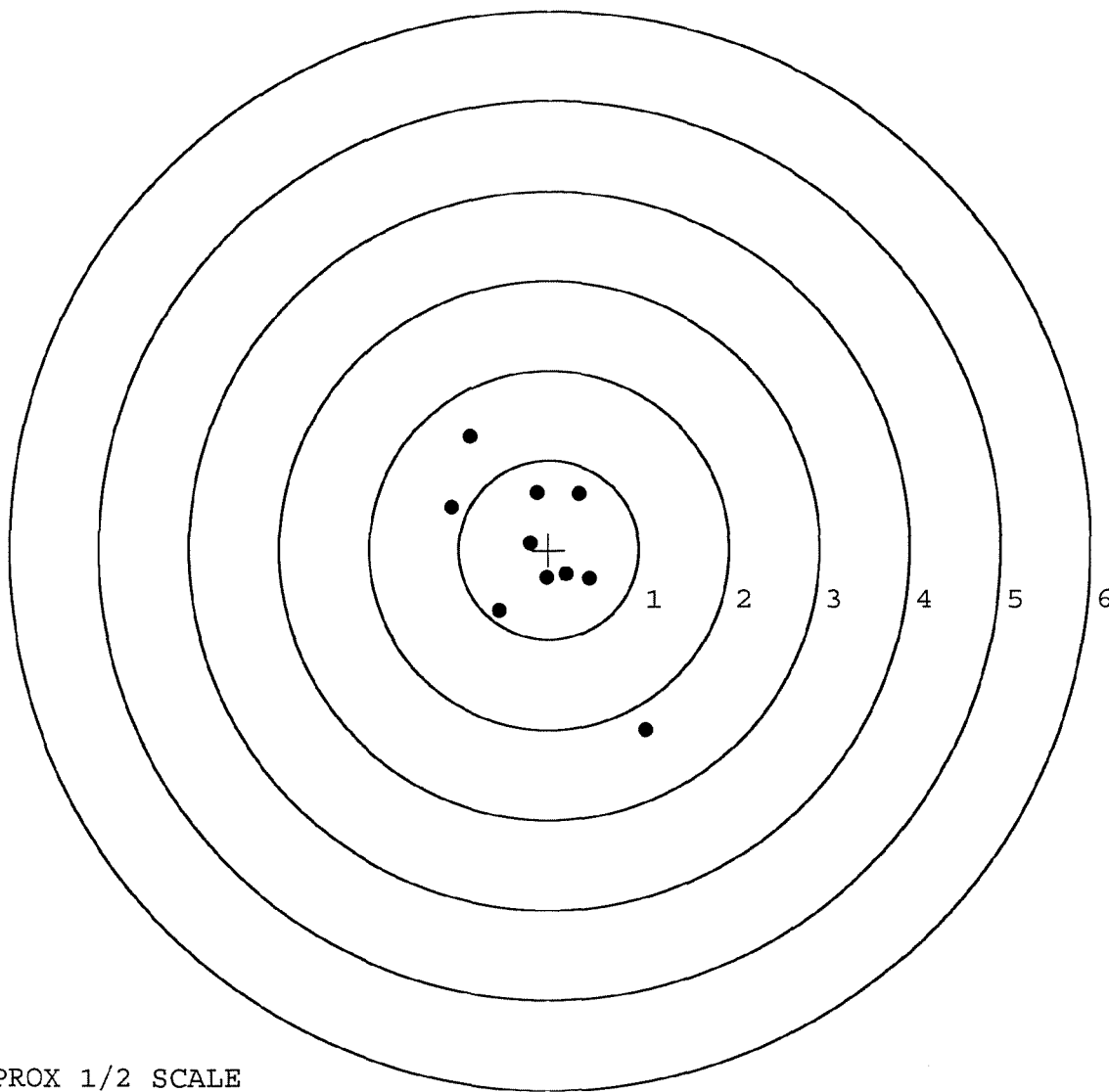
MAX RADIUS: 2.270

MEAN RADIUS: 0.862

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

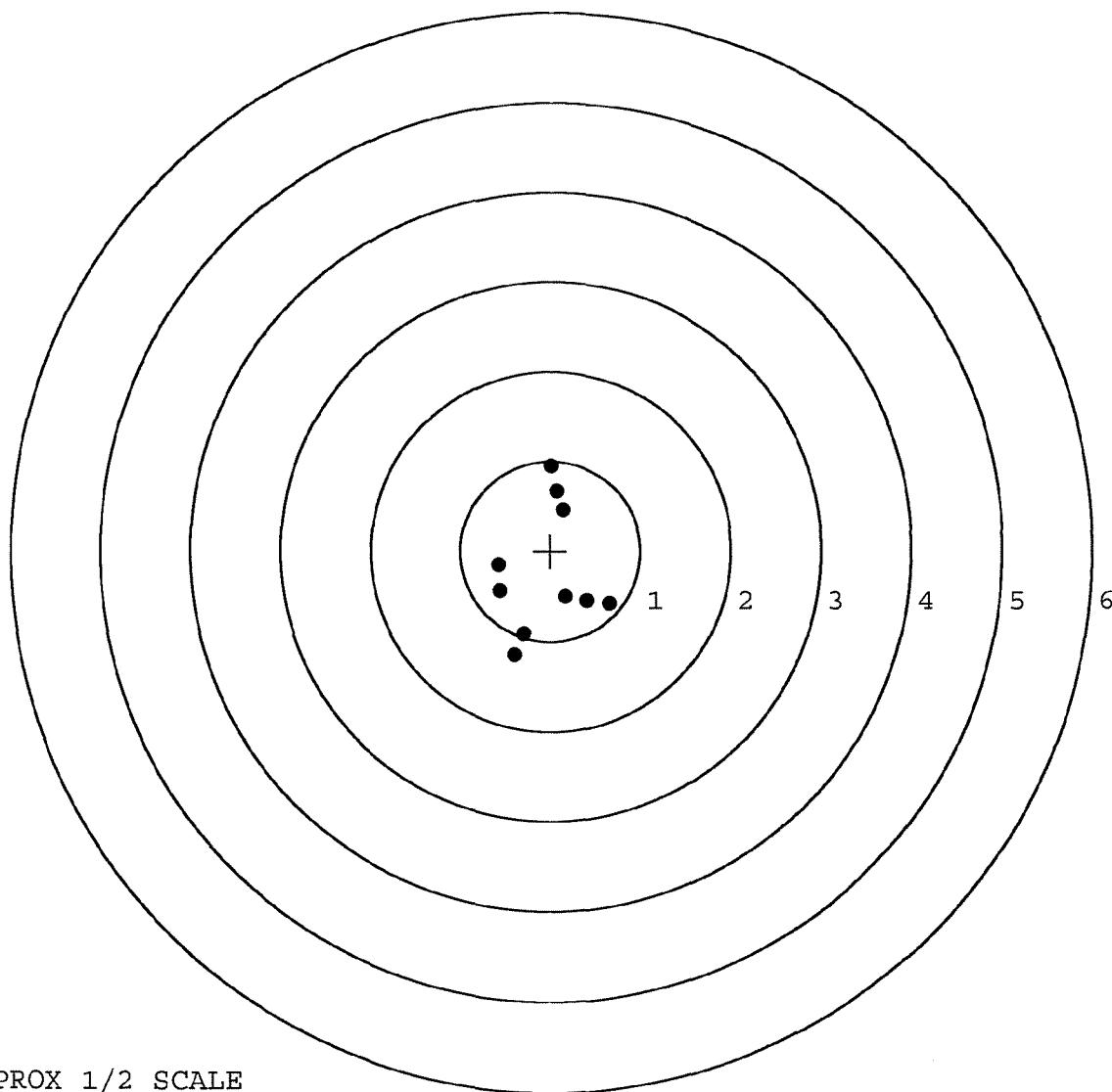


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611507.___0
TARGET NUMBER: 5
FILE DATE: 08/24/2002
FILE TIME: 14:00

POINT#	X	Y
1:	-0.394	-1.154
2:	-0.299	-0.924
3:	-0.561	-0.444
4:	-0.575	-0.157
5:	0.656	-0.583
6:	0.410	-0.550
7:	0.173	-0.511
8:	0.146	0.456
9:	0.073	0.663
10:	0.008	0.943

X CENTROID: -0.036
Y CENTROID: -0.226
POA TO CENTROID: 0.229
HORZ SPREAD: 1.231
VERT SPREAD: 2.097
GROUP SPREAD: 2.135
MIN RADIUS: 0.354
MAX RADIUS: 1.170
MEAN RADIUS: 0.731
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	50327		
SERIAL NUMBER	C6611507		
LOG-IN DATE	8/6/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/12/02	RL
560 A	RE-BARREL	8-12-02	JA
B	DRILL AND TAP	8-13-02	AC
575	ASSEMBLE	8/13/02	RL
600	PROOF	8-13-02	MAGFLUX INSPECTED
605	CHECK HEADSPACE	8/13/02	RL
610	DIS-ASSEMBLE GUN	8/13/02	RL
612	MAGNAFLUX		OPERATOR RB
615	ROLLMARK CALIBER	8/14	JB
618	ROTO-BLAST	8/15	ISO
620	APPLY COATINGS	8-16	JA
625 A	FINAL ASSEMBLY	8/24/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-23-02	TRW
655	FINAL INSPECT	8-23-02	RL
660	PACK	8-26-02	JA
		SHIP DATE	
QAR INSPECTION DATE			

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6611507
2 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .027
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0298
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0402124

THE AMR FOR THIS RIFLE IS: 1.002

CENTROIDAL DISTANCES

Ø TO	1	.0836301
1 TO	2	.0259422
1 TO	3	.0304138
1 TO	4	.0519711
1 TO	5	.435336

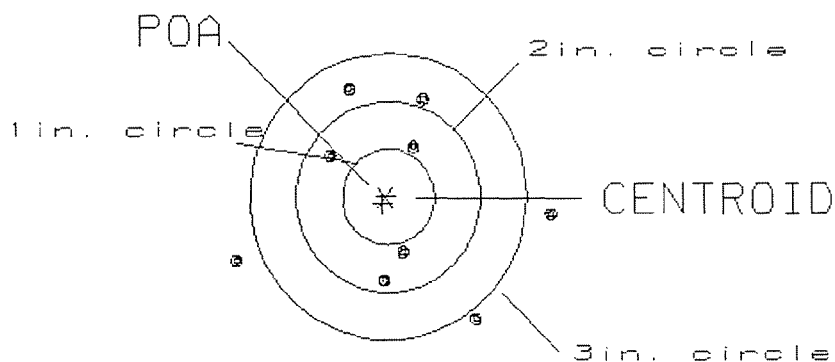
↑ <----POA
5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .084
 MIN RADIUS : .577
 MEAN RADIUS : 1.108
 MAX RADIUS : 1.787
 CENTROID X : .037
 CENTROID Y : .075

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611587

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

H3= 3.38
 V5= 2.42
 GS= 3.42

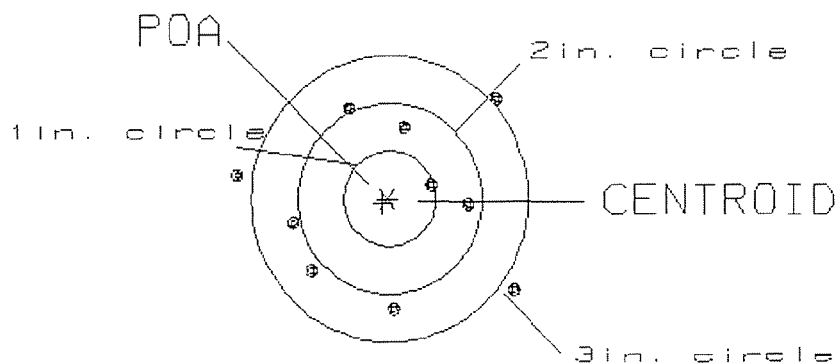
0
 5
 7

PATTERN #: 2
 POA TO CENTROID: .071
 MIN RADIUS : .447
 MEAN RADIUS : 1.135
 MAX RADIUS : 1.657
 CENTROID X : .049
 CENTROID Y : .052

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611507

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.96
 VS= 2.19
 GS= 3.22

1
 3
 7

PATTERN #: 3

POA TO CENTROID: .054

MIN RADIUS : .437

MEAN RADIUS : .895

MAX RADIUS : 1.257

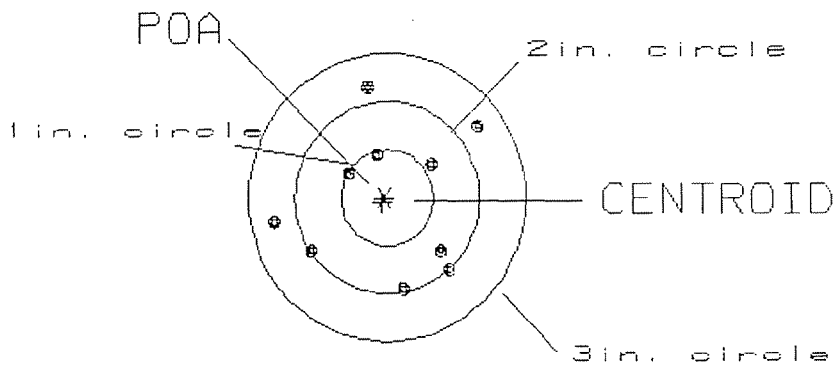
CENTROID X : .023

CENTROID Y : .048

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611587

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.18

1

VS= 2.07

6

GS= 2.41

10

PATTERN #: 4

POA TO CENTROID: .070

MIN RADIUS : .301

MEAN RADIUS : .924

MAX RADIUS : 1.718

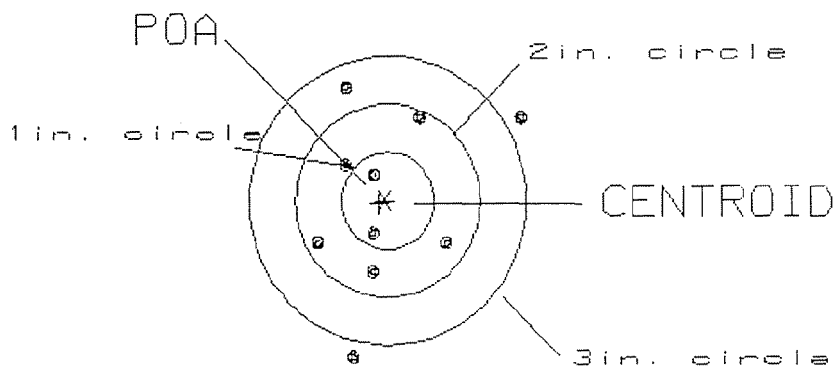
CENTROID X : .063

CENTROID Y : .030

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611587

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.18

2

VS= 2.82

7

GS= 3.11

8

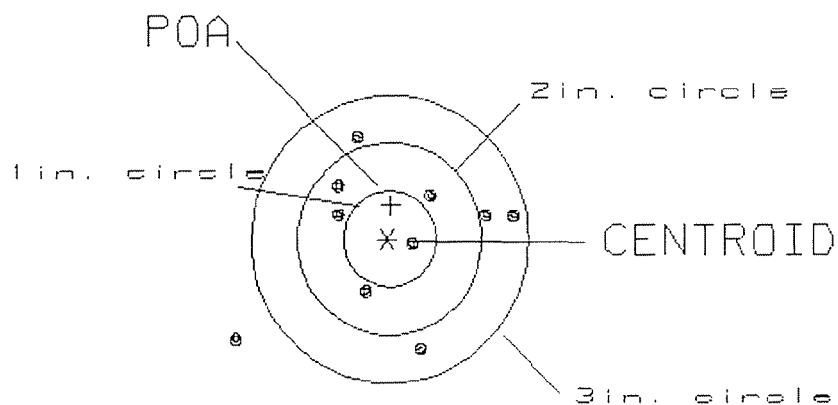
PATTERN #: 5

POA TO CENTROID: .356
 MIN RADIUS : .232
 MEAN RADIUS : .949
 MAX RADIUS : 1.923
 CENTROID X : -.037
 CENTROID Y : -.354

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611587

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.98
 VS= 2.16
 GS= 3.22

1
 5
 9

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6611507*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>12-12-99</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>12-12-99</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>1-28-00</i>	<i>RW</i>
655	FINAL INSPECT	<i>2-8-00</i>	<i>RW</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6611507

DATE REC'D: 10-18-99

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Remington



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

MODEL 700™ H24

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

20

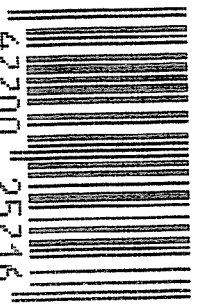
SERIAL NO.
C6611507

ORDER NO.
5716



5716 C6611507

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611507

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/27/91	LS
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-13-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KG
	E) Adjust Trigger Pull to Min Setting and Stake		5-17-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-18-91	AC
	G) Safety Off Force	3	3	3			5-18-91	AC
	H) Trigger Pull Test & Retainability						5-17-91	DH
	I) Firing Pin Indent	.022	.023	.022			5-17-91	AC
	J) Assemble Stock						5/17/91	KS
	K) Assemble Swivel Studs						5-20-91	AC
	L) Attach Front and Rear Sight Assemblies						5/17/91	KS
	M) Iron Sight Alignment						5/17/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/17/91	KS
	O) Attach Scope to Rifle						5/17/91	KS
	P) Detach & Attach Scope 20 Times						5/17/91	KS
640	Gallery Target & Test						5-18-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-18-91	AF
655	Final Inspection							
	A) Headspace						5-20-91	AC
	B) Trigger Pull	2.55	2.64	2.57	2.40	2.61	5/20/91	QCP
	C) Function						5-20-91	AC
660	Pack						6-19-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL-NO. C6611507

DATE 5-17-91

TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.71	2.82	2.55	MIN. SETTING
PULL #2	2.46	2.67	2.81	2.64	NO AVG. OF 5
PULL #3	2.51	2.57	2.93	2.57	READINGS ACCEPT-
PULL #4	2.52	2.67	2.88	2.60	ABLE LESS THAN 2#
PULL #5	2.57	2.71	2.84	2.61	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.19		
PULL #2	3.27	3.21		
PULL #3	3.28	3.22		
PULL #4	3.28	3.20		
PULL #5	3.30	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.11		4.26
PULL #2	4.08	4.16		4.26
PULL #3	4.09	4.04		4.26
PULL #4	4.10	4.06		4.27
PULL #5	4.09	4.10		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611507
18 May 1991

CENTROIDAL DISTANCES

0 TO 1	.559729
1 TO 2	.534754
1 TO 3	.905482
1 TO 4	1.08563
1 TO 5	.487463

$\frac{4}{3} \pi r^3$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0566
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .058258
THE AMR FOR THIS RIFLE IS: 1.115

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811587

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.272

VS= 3.719

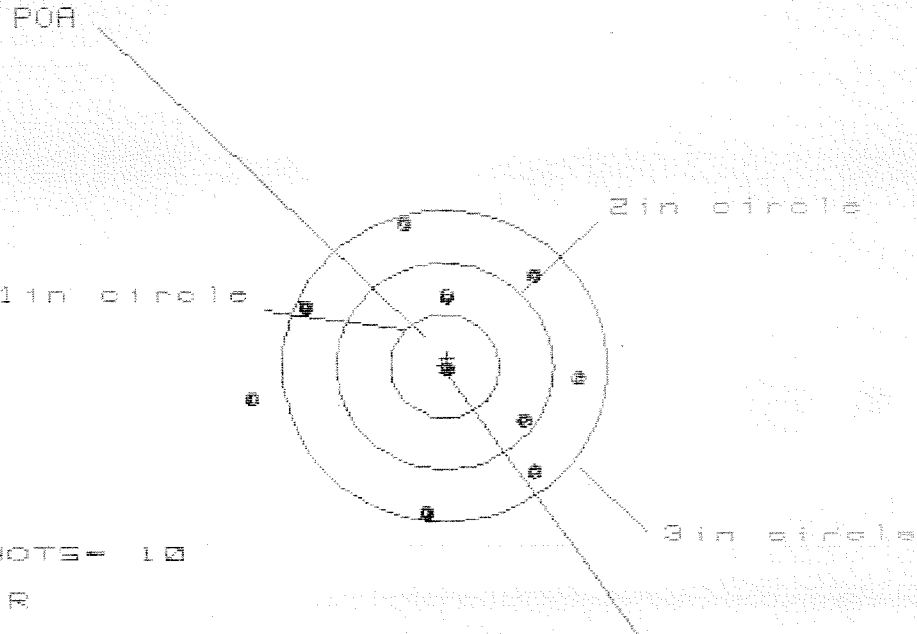
GS= 3.856

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.244	1.028	.850
MINIMUM X	:	-1.027	-.778	-.650
MAXIMUM Y	:	1.538	1.467	1.186
MINIMUM Y	:	-2.181	-2.252	-1.562
CENTROID X	:	.436	.187	.059
CENTROID Y	:	-.351	-.280	.001
POA TO CENTROID in.	:	.560	.337	.059
MIN RADIUS	:	.185	.274	.110
MEAN RADIUS	:	1.197	1.002	.718
MAX RADIUS	:	2.333	2.475	1.598
HORIZONTAL SPREAD	:	3.272	1.806	1.500
VERTICAL SPREAD	:	3.719	3.719	2.748
EXTREME SPREAD	:	3.856	3.856	2.789
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611507

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 2.954

VS= 2.814

GS= 2.969

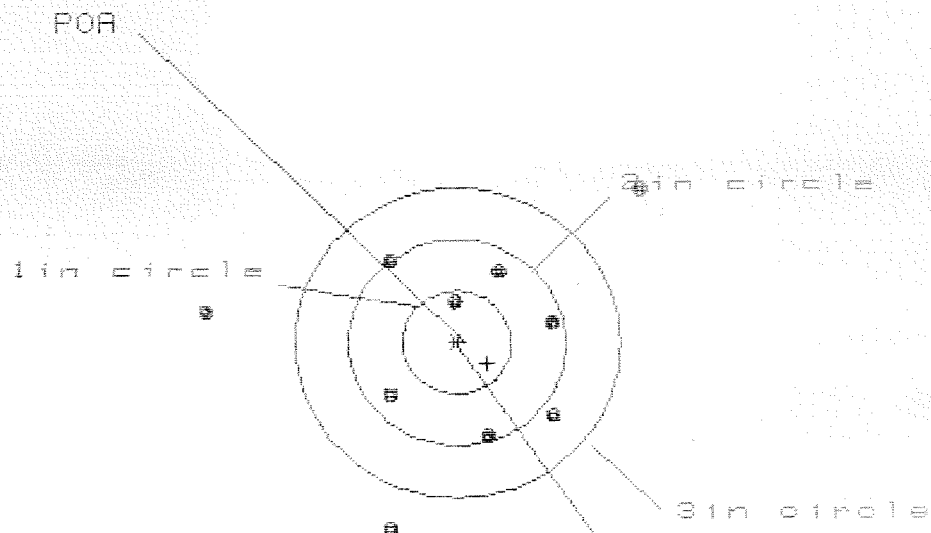
CENTROID #

PATTERN #	:	2
SHOTS (BEST OF)	:	10 9 8
MAXIMUM X	:	1.195 .998 .949
MINIMUM X	:	-1.769 -1.430 -1.479
MAXIMUM Y	:	1.354 1.319 1.132
MINIMUM Y	:	-1.460 -1.495 -1.280
CENTROID X	:	-.025 .172 .221
CENTROID Y	:	-.080 -.045 .142
POA TO CENTROID in.	:	.083 .178 .262
MIN RADIUS	:	.032 .178 .300
MEAN RADIUS	:	1.140 1.053 .978
MAX RADIUS	:	1.796 1.545 1.527
HORIZONTAL SPREAD	:	2.964 2.428 2.428
VERTICAL SPREAD	:	2.814 2.814 2.412
EXTREME SPREAD	:	2.969 2.822 2.708
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	9

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C3611587

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 4.012

VS= 3.272

GS= 4.173

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.713	1.457	.814
MINIMUM X	-2.299	-.860	-.678
MAXIMUM Y	1.470	1.505	1.071
MINIMUM Y	-1.802	-1.767	-1.578
CENTROID X	-.281	-.025	-.207
CENTROID Y	.202	.167	-.022
POA TO CENTROID in.	.346	.168	.208
MIN RADIUS	.392	.511	.623
MEAN RADIUS	1.246	1.106	.983
MAX RADIUS	2.322	2.095	1.718
HORIZONTAL SPREAD	4.012	2.317	1.492
VERTICAL SPREAD	3.272	3.272	2.649
EXTREME SPREAD	4.173	4.009	2.694
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611587

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.347

VS= 2.870

GS= 3.565

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	1.210	1.131
MINIMUM X	:	-1.014	-.866	-.946
MAXIMUM Y	:	1.770	1.445	1.333
MINIMUM Y	:	-1.100	-.904	-.817
CENTROID X	:	-.316	-.464	-.385
CENTROID Y	:	.432	.236	.349
POA TO CENTROID in.	:	.535	.520	.519
MIN RADIUS	:	.376	.277	.317
MEAN RADIUS	:	1.083	.911	.892
MAX RADIUS	:	2.215	1.446	1.334
HORIZONTAL SPREAD	:	2.347	2.076	2.076
VERTICAL SPREAD	:	2.870	2.349	2.149
EXTREME SPREAD	:	3.565	2.552	2.552
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 May 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6611587

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.167

VS= 2.369

GS= 2.459

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.154	1.046	.906
MINIMUM X	-1.013	-1.121	-.950
MAXIMUM Y	1.200	.515	.416
MINIMUM Y	-1.169	-1.036	-1.135
CENTROID X	.255	.363	.503
CENTROID Y	.080	-.053	.046
POA TO CENTROID in.	.267	.367	.505
MIN RADIUS	.174	.123	.077
MEAN RADIUS	.910	.824	.707
MAX RADIUS	1.545	1.374	1.428
HORIZONTAL SPREAD	2.167	2.167	1.856
VERTICAL SPREAD	2.369	1.551	1.551
EXTREME SPREAD	2.459	2.459	2.261
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		