

66590103
Replaces

Repair Inquiry

Repair Number: RE00141255

Serial: C6522139 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status: Closed 2/5/2008 10:17:38 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DODAAC: W91L3M

DODAAC: W91L3M

Address 1: WDDA FSB BAGRAM AFLD

WDDA FSB BAGRAM AFLD

Address 2: SMALL ARMS SUPPORT

PO Box:

SMALL ARMS SUPPORT

PO Box:

City: BAGRAM APD

BAGRAM APD

State: AF

Zip Code: 09354

Country: AE

State: AF

Zip Code: 09354

Country: AE

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

Repair Search

Refresh

Close

nagletj

2/7/2008

4:20 PM

NUM

Serial Number: **C6522139** NEW G-6590103
Model: **M24 SWS**

RE00141255

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149R & E NUMBER 00141255SERIAL NUMBER ~~C-6522139~~ NEW G-6590103LOG-IN DATE 2-5-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	RTZ
505	RE-BARREL	2-20-08	RTZ
560	ASSEMBLE	2-20-08	RTZ
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	2/21/08	unub
510	DRILL AND TAP	2-21-08	Fm
615	ROLLMARK CALIBER	2-21-08	CW
618	ROTO-BLAST	2-22-08	DG
620	APPLY COATINGS	2-26-08	CM
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	2-29-08	TRW
650	TARGET	2-29-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-29-08	RP
	A) HEADSPACE	3-6-08	DA
	B) TRIGGER PULL	3-6-08	DA
		2.72 2.62 2.67 2.64 2.58 3.608	DA
680	F) SAFETY ON FORCE	5.2 5.5 5.5 3.608	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.0 3.608	DA
	I) FIRING PIN INDENT	.022 .0215 .0215 3.608	DA
690	PACK	17/15/08	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590103.__0
FILE DATE AND TIME: 03/03/2008 09:47

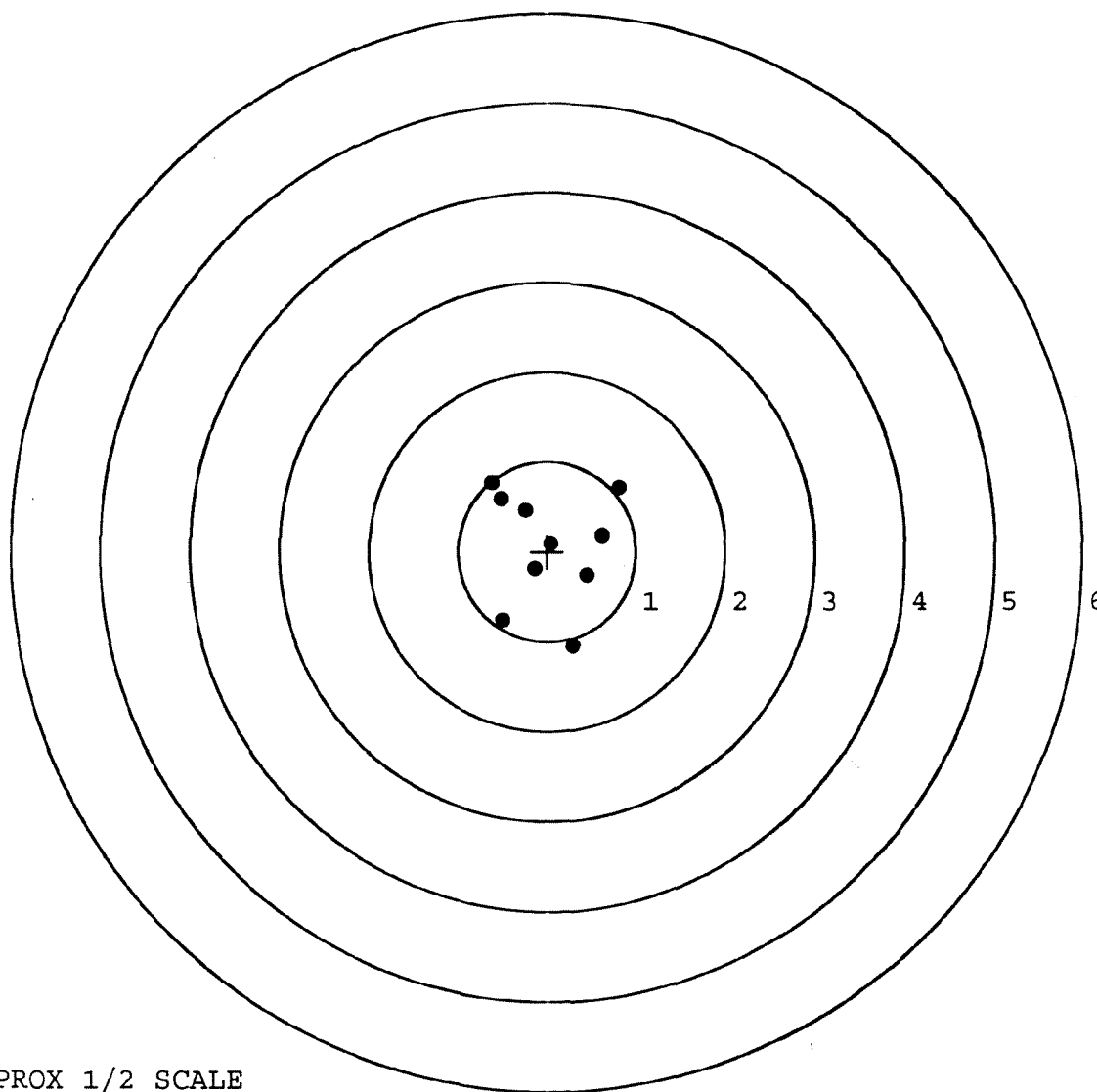
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.012
The Average Y Centroid of the Five Target Set:	-0.010
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.701
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.108
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.028

SERIAL NUMBER: G6590103. __0
 TARGET NUMBER: 1
 FILE DATE: 03/03/2008
 FILE TIME: 09:47

POINT#	X	Y
1:	0.287	-1.051
2:	-0.501	-0.762
3:	0.449	-0.261
4:	0.620	0.185
5:	0.809	0.713
6:	0.043	0.090
7:	-0.140	-0.196
8:	-0.249	0.456
9:	-0.521	0.581
10:	-0.625	0.766

X CENTROID: 0.017
 Y CENTROID: 0.052
 POA TO CENTROID: 0.055
 HORZ SPREAD: 1.434
 VERT SPREAD: 1.817
 GROUP SPREAD: 2.033
 MIN RADIUS: 0.046
 MAX RADIUS: 1.136
 MEAN RADIUS: 0.682
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



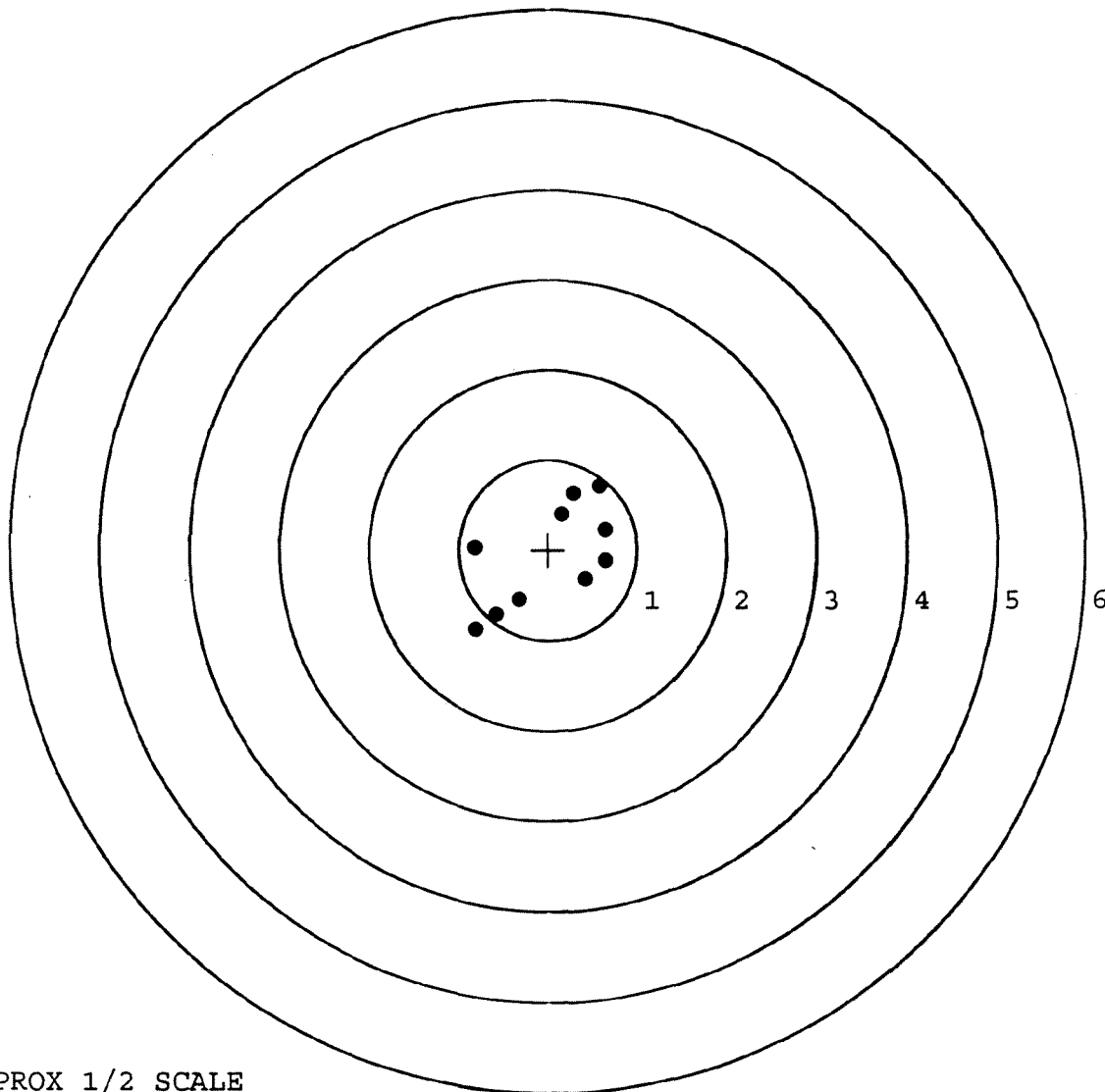
TARGET APPROX 1/2 SCALE

BARBER - M24 0164592

SERIAL NUMBER: G6590103. __0
 TARGET NUMBER: 2
 FILE DATE: 03/03/2008
 FILE TIME: 09:47

X CENTROID: 0.015
 Y CENTROID: -0.056
 POA TO CENTROID: 0.058
 HORZ SPREAD: 1.464
 VERT SPREAD: 1.593
 GROUP SPREAD: 2.115
 MIN RADIUS: 0.470
 MAX RADIUS: 1.167
 MEAN RADIUS: 0.747
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.417	-0.326
2:	0.644	-0.115
3:	0.635	0.232
4:	0.149	0.394
5:	0.284	0.639
6:	0.575	0.718
7:	-0.332	-0.547
8:	-0.589	-0.713
9:	-0.817	-0.875
10:	-0.820	0.030



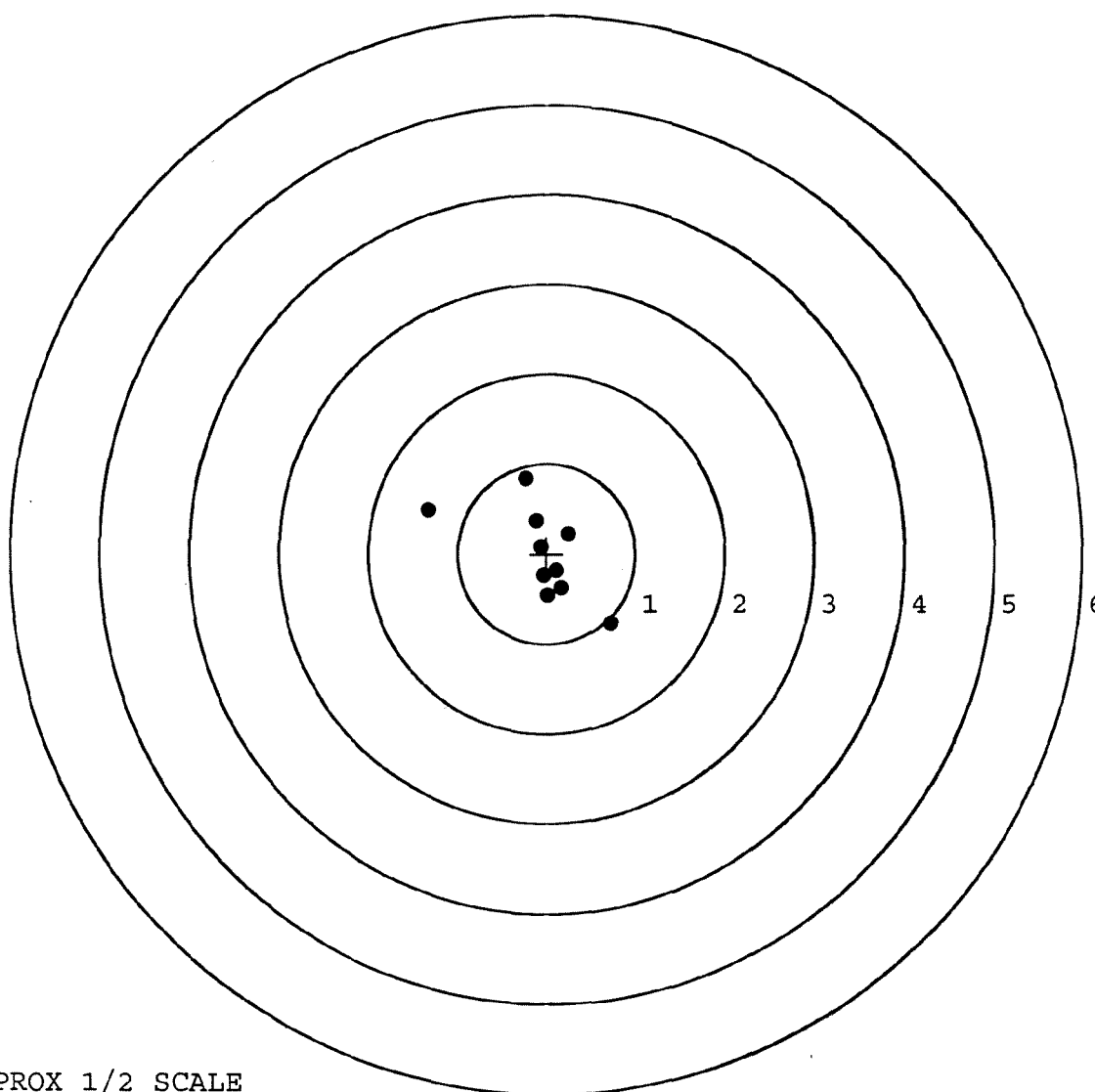
TARGET APPROX 1/2 SCALE

BARBER - M24 0164593

SERIAL NUMBER: G6590103. __0
 TARGET NUMBER: 3
 FILE DATE: 03/03/2008
 FILE TIME: 09:47

POINT#	X	Y
1:	0.722	-0.773
2:	-0.237	0.837
3:	-1.331	0.481
4:	0.008	-0.462
5:	0.160	-0.381
6:	-0.037	-0.242
7:	0.112	-0.191
8:	-0.062	0.077
9:	-0.121	0.369
10:	0.243	0.225

X CENTROID: -0.054
 Y CENTROID: -0.006
 POA TO CENTROID: 0.055
 HORZ SPREAD: 2.053
 VERT SPREAD: 1.610
 GROUP SPREAD: 2.406
 MIN RADIUS: 0.083
 MAX RADIUS: 1.366
 MEAN RADIUS: 0.554
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590103. __0

TARGET NUMBER: 4

FILE DATE: 03/03/2008

FILE TIME: 09:47

POINT#	X	Y
1:	1.325	-0.025
2:	0.687	0.248
3:	0.459	-0.016
4:	-0.254	0.495
5:	-0.010	0.079
6:	-0.177	-0.120
7:	-0.159	-0.690
8:	-0.471	-0.551
9:	-1.019	-0.344
10:	-0.893	0.303

X CENTROID: -0.051

Y CENTROID: -0.062

POA TO CENTROID: 0.080

HORZ SPREAD: 2.344

VERT SPREAD: 1.185

GROUP SPREAD: 2.366

MIN RADIUS: 0.138

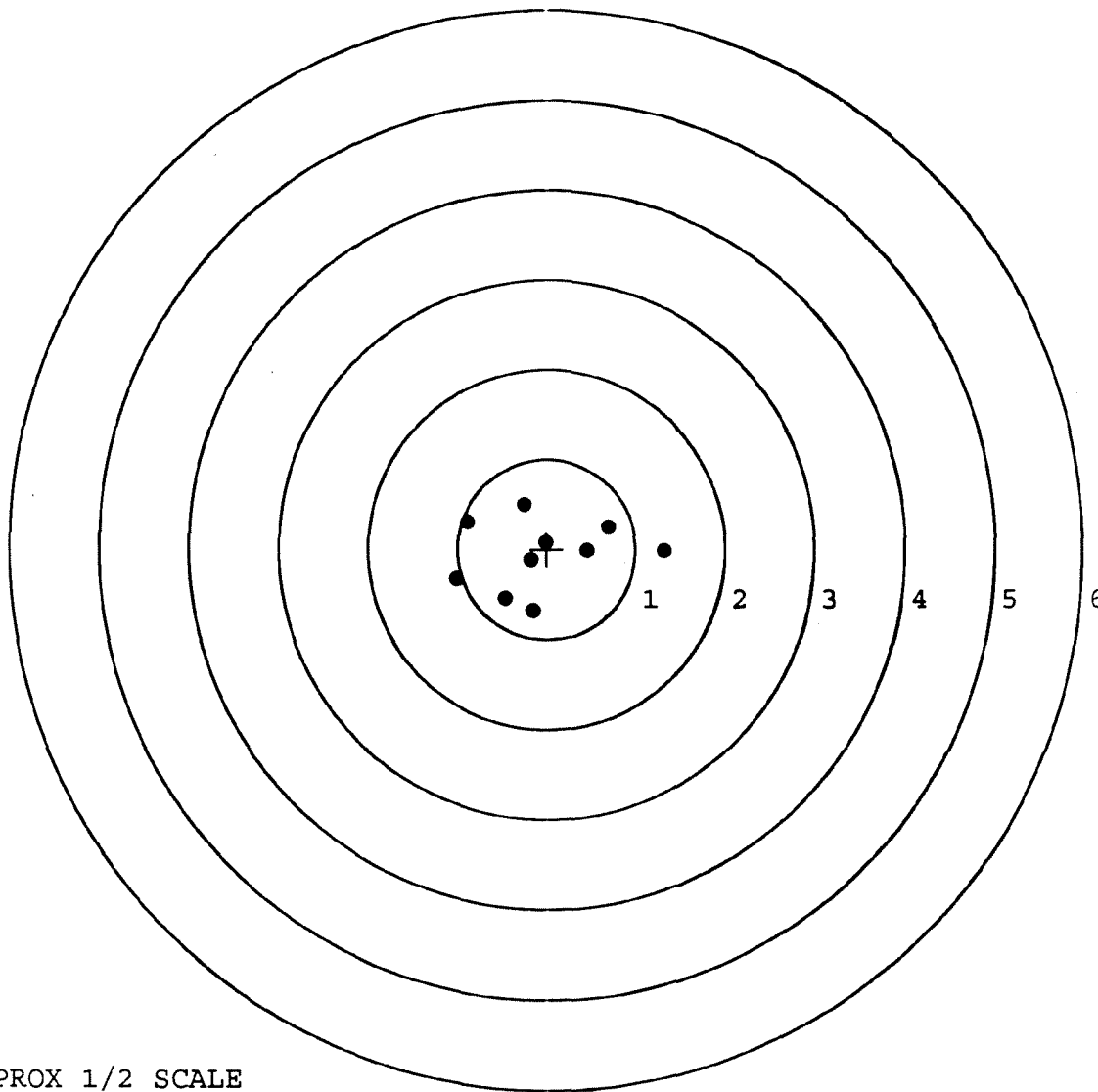
MAX RADIUS: 1.377

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590103. __0

TARGET NUMBER: 5

FILE DATE: 03/03/2008

FILE TIME: 09:47

X CENTROID: 0.016

Y CENTROID: 0.024

POA TO CENTROID: 0.029

HORZ SPREAD: 2.003

VERT SPREAD: 2.206

GROUP SPREAD: 2.241

MIN RADIUS: 0.319

MAX RADIUS: 1.184

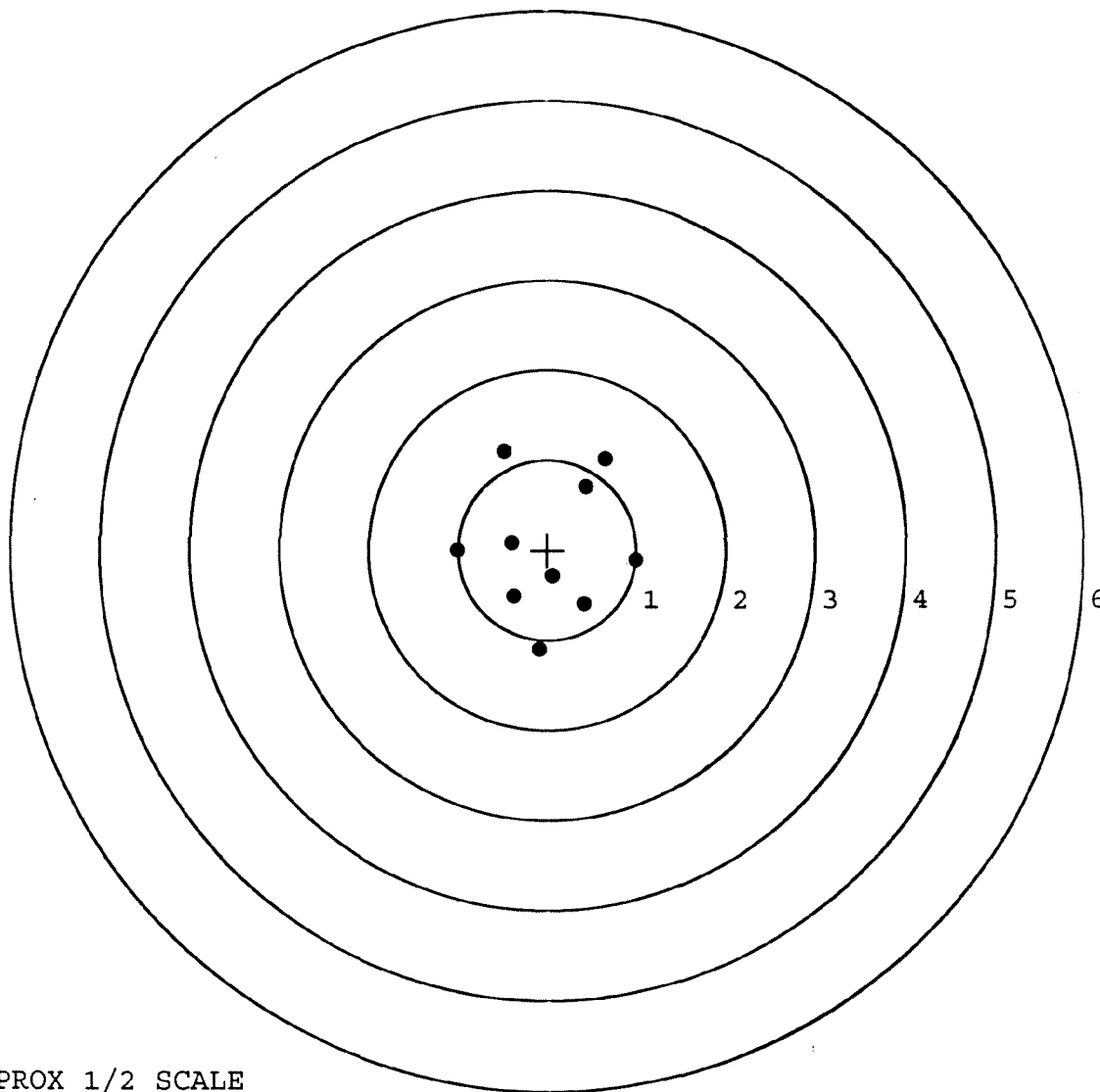
MEAN RADIUS: 0.846

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.996	-0.119
2:	-0.098	-1.112
3:	0.407	-0.606
4:	0.054	-0.293
5:	-0.383	-0.517
6:	-0.401	0.080
7:	-1.007	0.000
8:	0.432	0.702
9:	0.648	1.011
10:	-0.492	1.094



TARGET APPROX 1/2 SCALE

RE00105768

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6222139.___0
FILE DATE AND TIME: 01/12/2006 11:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	0.109
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.739
The Distance from POA to Centroid Target #1:	0.203
The Distance from Centroid Target #2 to Centroid Target #1:	0.208
The Distance from Centroid Target #3 to Centroid Target #1:	0.196
The Distance from Centroid Target #4 to Centroid Target #1:	0.015
The Distance from Centroid Target #5 to Centroid Target #1:	0.318

SERIAL NUMBER: C6222139. 0

TARGET NUMBER: 1

FILE DATE: 01/12/2006

FILE TIME: 11:21

POINT#	X	Y
1:	0.447	-1.541
2:	0.680	-0.476
3:	0.737	0.193
4:	0.423	0.059
5:	0.133	0.234
6:	-0.335	0.431
7:	-0.145	-0.154
8:	-0.776	-0.010
9:	-1.082	0.927
10:	-1.667	1.611

X CENTROID: -0.158

Y CENTROID: 0.127

POA TO CENTROID: 0.203

HORZ SPREAD: 2.404

VERT SPREAD: 3.152

GROUP SPREAD: 3.795

MIN RADIUS: 0.282

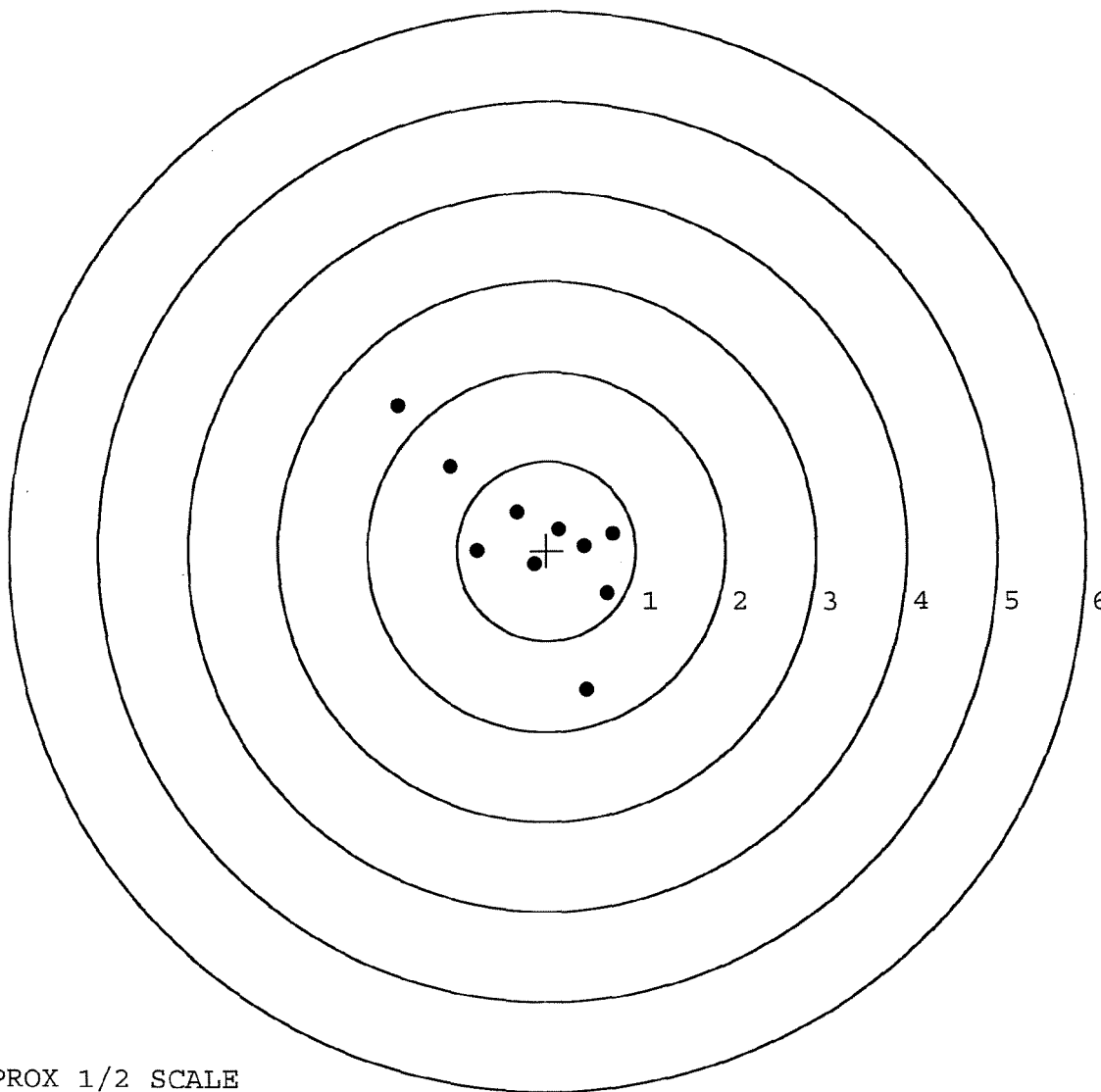
MAX RADIUS: 2.116

MEAN RADIUS: 0.920

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. 0

TARGET NUMBER: 2

FILE DATE: 01/12/2006

FILE TIME: 11:21

X CENTROID: 0.042

Y CENTROID: 0.180

POA TO CENTROID: 0.185

HORZ SPREAD: 1.823

VERT SPREAD: 1.713

GROUP SPREAD: 1.895

MIN RADIUS: 0.075

MAX RADIUS: 1.019

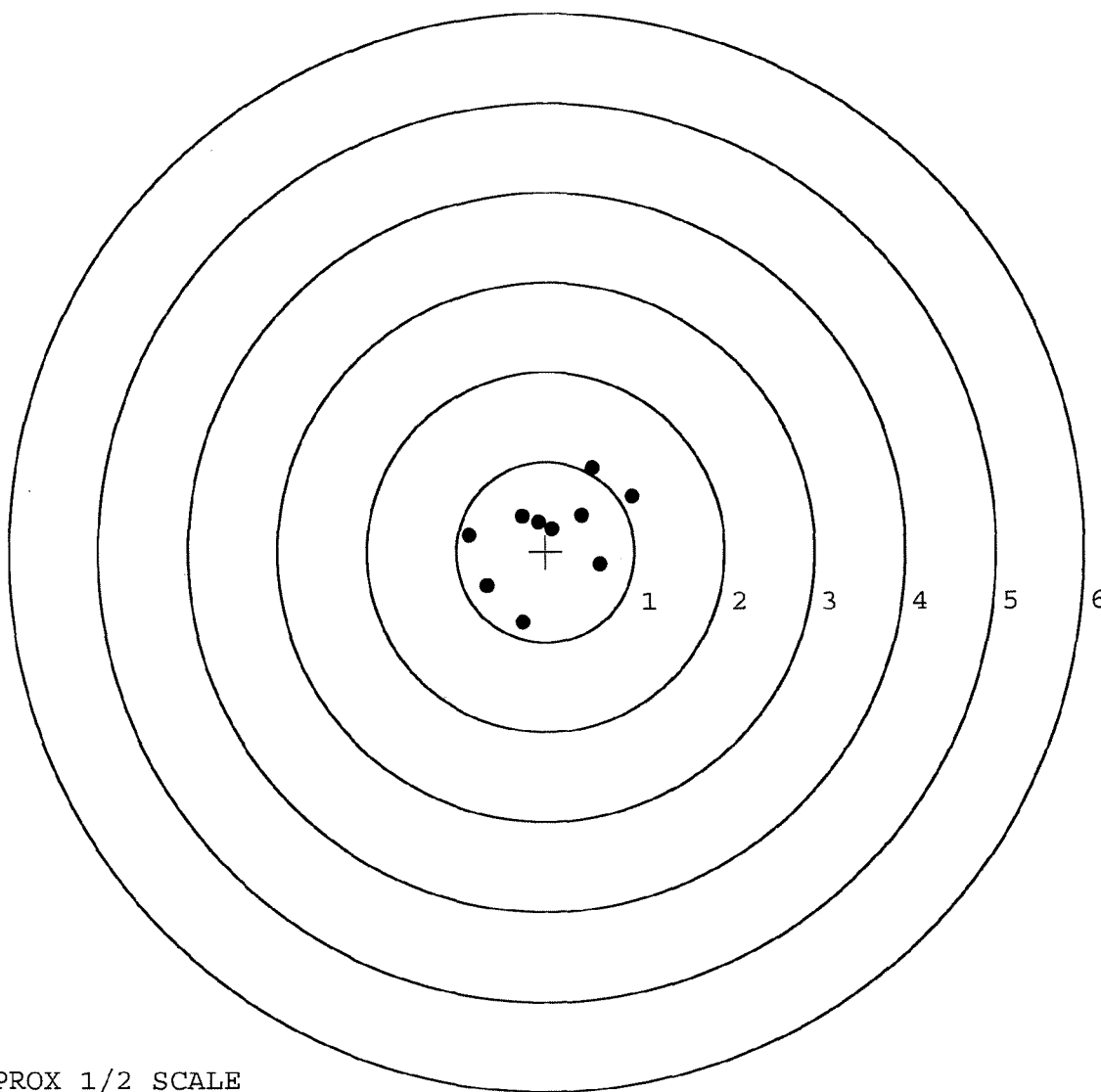
MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.607	-0.140
2:	0.967	0.608
3:	0.521	0.933
4:	0.400	0.406
5:	0.066	0.251
6:	-0.270	0.389
7:	-0.091	0.323
8:	-0.266	-0.780
9:	-0.654	-0.374
10:	-0.856	0.181



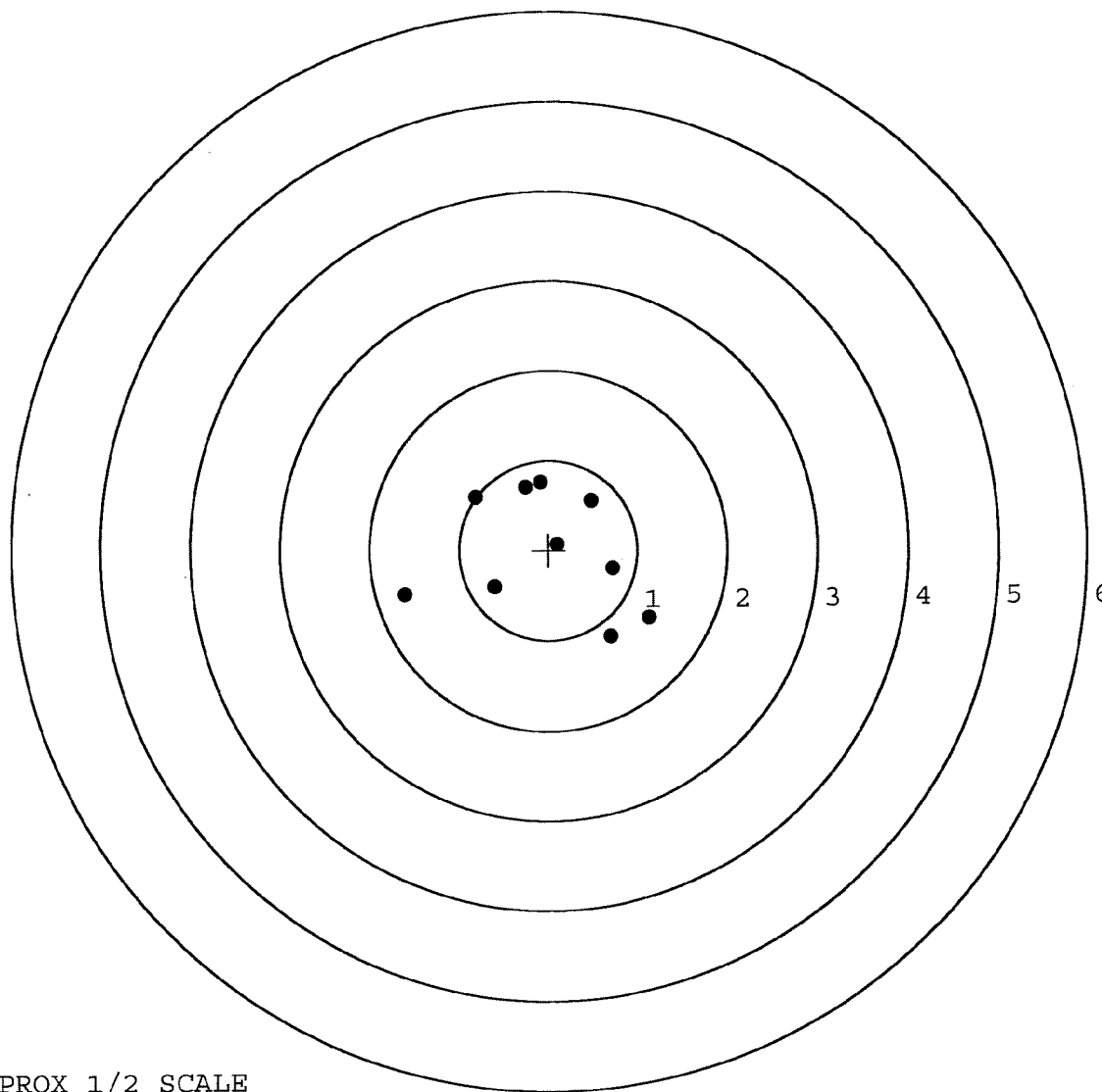
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. __0
 TARGET NUMBER: 3
 FILE DATE: 01/12/2006
 FILE TIME: 11:21

X CENTROID: -0.026
 Y CENTROID: -0.017
 POA TO CENTROID: 0.031
 HORZ SPREAD: 2.728
 VERT SPREAD: 1.720
 GROUP SPREAD: 2.741
 MIN RADIUS: 0.148
 MAX RADIUS: 1.651
 MEAN RADIUS: 0.911

POINT#	X	Y
1:	0.693	-0.966
2:	1.121	-0.761
3:	0.716	-0.208
4:	0.482	0.548
5:	0.096	0.066
6:	-0.255	0.702
7:	-0.808	0.596
8:	-0.608	-0.410
9:	-1.607	-0.492
10:	-0.092	0.754

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

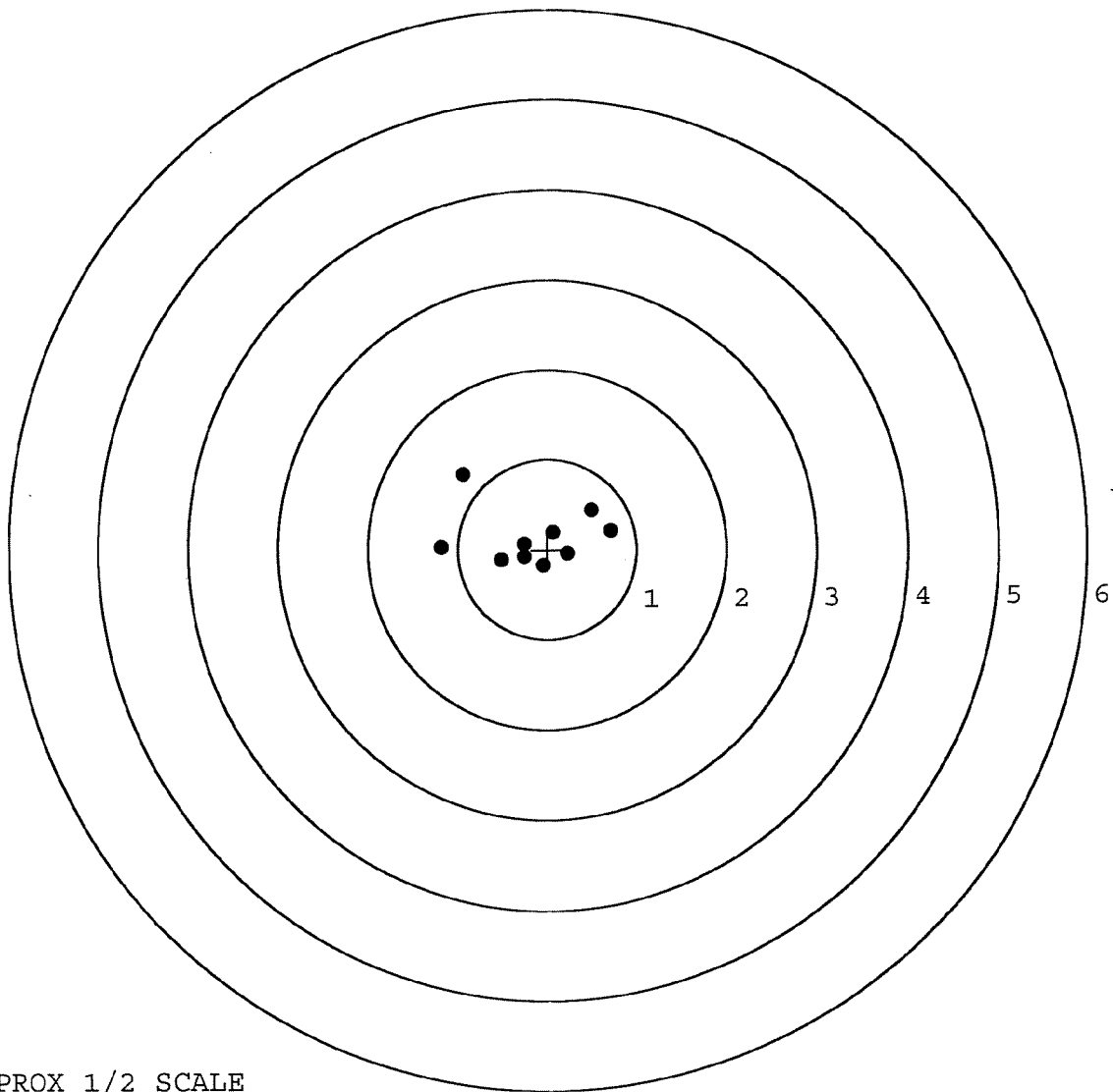


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. __0
TARGET NUMBER: 4
FILE DATE: 01/12/2006
FILE TIME: 11:21

X CENTROID: -0.172
Y CENTROID: 0.133
POA TO CENTROID: 0.217
HORZ SPREAD: 1.896
VERT SPREAD: 1.020
GROUP SPREAD: 1.765
MIN RADIUS: 0.115
MAX RADIUS: 1.040
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.712	0.210
2:	0.498	0.436
3:	-0.939	0.835
4:	-1.184	0.029
5:	0.223	-0.051
6:	0.063	0.188
7:	-0.263	0.062
8:	-0.049	-0.185
9:	-0.519	-0.114
10:	-0.263	-0.082

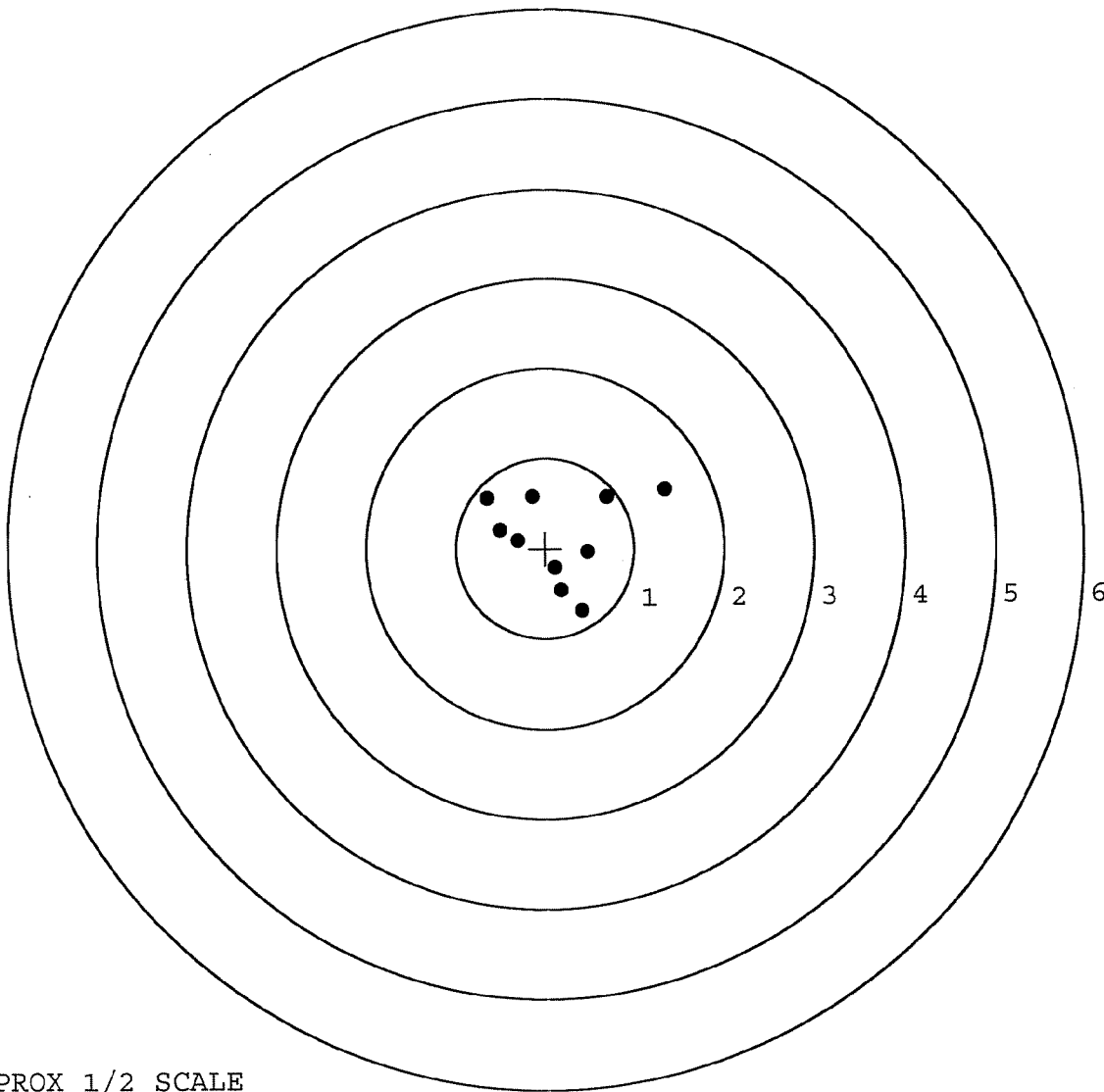


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. 0
 TARGET NUMBER: 5
 FILE DATE: 01/12/2006
 FILE TIME: 11:21

X CENTROID: 0.160
 Y CENTROID: 0.124
 POA TO CENTROID: 0.203
 HORZ SPREAD: 1.995
 VERT SPREAD: 1.346
 GROUP SPREAD: 1.997
 MIN RADIUS: 0.342
 MAX RADIUS: 1.294
 MEAN RADIUS: 0.675
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.342	0.651
2:	0.693	0.569
3:	0.477	-0.042
4:	0.109	-0.214
5:	0.180	-0.469
6:	0.412	-0.695
7:	-0.311	0.093
8:	-0.509	0.211
9:	-0.653	0.562
10:	-0.141	0.577



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 11-8-05TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.68		2.69	
PULL #2	2.66	2.67		2.66	
PULL #3	2.62	2.60		2.72	
PULL #4	2.64	2.56		2.51	
PULL #5	2.64	2.44		2.65	
TOTAL	13.05	12.95		13.23	
AVERAGE	2.61	2.59		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	2.88		
PULL #2	3.28	2.98		
PULL #3	2.87	2.97		
PULL #4	3.06	2.93		
PULL #5	3.03	3.12		
TOTAL	15.41	14.88		
AVERAGE	3.08	2.98		

	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	4.14	3.88		3.92
PULL #2	3.72	4.06		3.94
PULL #3	4.23	4.10		4.19
PULL #4	3.84	4.06		4.19
PULL #5	4.33	3.99		4.20
TOTAL	20.26	20.09		20.44
AVERAGE	4.05	4.02		4.09

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

R & E NUMBER	105768		
SERIAL NUMBER	C60522139		
LOG-IN DATE	12-27-05		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-29-05	RTL
505	RE-BARREL	1-4-06	RTL
560	ASSEMBLE	1-4-06	RTL
600	PROOF	1-4-06	AG
605	CHECK HEADSPACE	1-4-06	E
610	DIS-ASSEMBLE GUN	1-4-06	A
612	MAGNAFLUX	1-6-06	und
510	DRILL AND TAP	1-5-06	TRW
615	ROLLMARK CALIBER	1-6-06	CW
618	ROTO-BLAST	1-6-06	LB
620	APPLY COATINGS	1-10-06	HP
625	FINAL ASSEMBLY	1-11-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	1-12-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-12-06	TRW
	A) HEADSPACE	(PASS) FAIL	1-13-06 RTL
	B) TRIGGER PULL	270 271 263 279 268	RTL
680	F) SAFETY ON FORCE	6-0 6-0 6-0	RTL
	G) SAFETY OFF FORCE	2-0 2-0 2-0	RTL
	I) FIRING PIN INDENT	.021 .021 .022	RTL
690	PACK		1-23-06 DA

Repair Number: **RE00077424**

Serial: C6522139 Model M24 SWS Center Fire
Caliber: 7.62 Nato

Repairman:

Status:

Closed 2/18/2004 7:41:19 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: **COMMANDER**
COMMANDER

Address 1: **HHC 3 325 AIR**
HHC 3 325 AIR

Address 2:

PO Box:

PO Box:

City: **FORT BRAGG**
FORT BRAGG

State: **NC** Zip Code: **28310**

Country: **US**

State: **NC** Zip Code: **28310**

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

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

nagfej

2/18/2004

8:04 AM

CAPS

NUM

INS

SCPL

start

3

3

2

Serial Number: **C6522139**

Model: **M24 SWS**

RE00077424

BARBER - M24 0164606

R & E NUMBER	77424		
SERIAL NUMBER	C6522139		
LOG-IN DATE	2-18-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-04	RTL
560 A	RE-BARREL	2-19-04	RTL
B	DRILL AND TAP	2-20-04	TRW
575	ASSEMBLE	2-19-04	RTL
600	PROOF	2-19-04	AC
605	CHECK HEADSPACE	2-19-04	AC
610	DIS-ASSEMBLE GUN	2-19-04	RTL
612	MAGNAFLUX OPERATOR	2-19-04	RTL
615	ROLLMARK CALIBER	2/25/04	AB
618	ROTO-BLAST	2/26/04	RTL
620	APPLY COATINGS	3-5	TA
625 A	FINAL ASSEMBLY	3-8-04	RTL
B	TRIGGER PULL TEST	3-11-04	DA
C	SAFETY "ON" FORCE	3-11-04	DA
D	SAFETY "OFF" FORCE	3-11-04	DA
E	FIRING PIN INDENT	3-11-04	DA
640	TARGET	3-9-04	AC
655	FINAL INSPECT	3-11-04	RTL
660	PACK	3-11-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

BARBER - M24 0164607AVERAGE 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 2-17-04TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.51		2.68	
PULL #2	2.62	2.53		2.69	
PULL #3	2.54	2.55		2.68	
PULL #4	2.38	2.47		2.53	
PULL #5	2.40	2.59		2.52	
TOTAL	12.44	12.65		13.10	
AVERAGE	2.48	2.53		2.62	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.39		
PULL #2	3.08	3.55		
PULL #3	3.13	3.26		
PULL #4	3.04	3.16		
PULL #5	3.03	3.30		
TOTAL	15.34	16.66		
AVERAGE	3.06	3.33		

	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	4.37	4.43		4.42
PULL #2	4.33	4.33		4.14
PULL #3	4.28	4.18		4.11
PULL #4	4.29	4.23		4.21
PULL #5	4.16	4.12		4.03
TOTAL	21.43	21.29		20.91
AVERAGE	4.28	4.25		4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522139.___0
FILE DATE AND TIME: 03/09/2004 07:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.662
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.312
The Distance from Centroid Target #3 to Centroid Target #1:	0.249
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.133

SERIAL NUMBER: C6522139. 0

TARGET NUMBER: 1

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.082

Y CENTROID: 0.138

POA TO CENTROID: 0.161

HORZ SPREAD: 1.871

VERT SPREAD: 2.285

GROUP SPREAD: 2.402

MIN RADIUS: 0.095

MAX RADIUS: 1.342

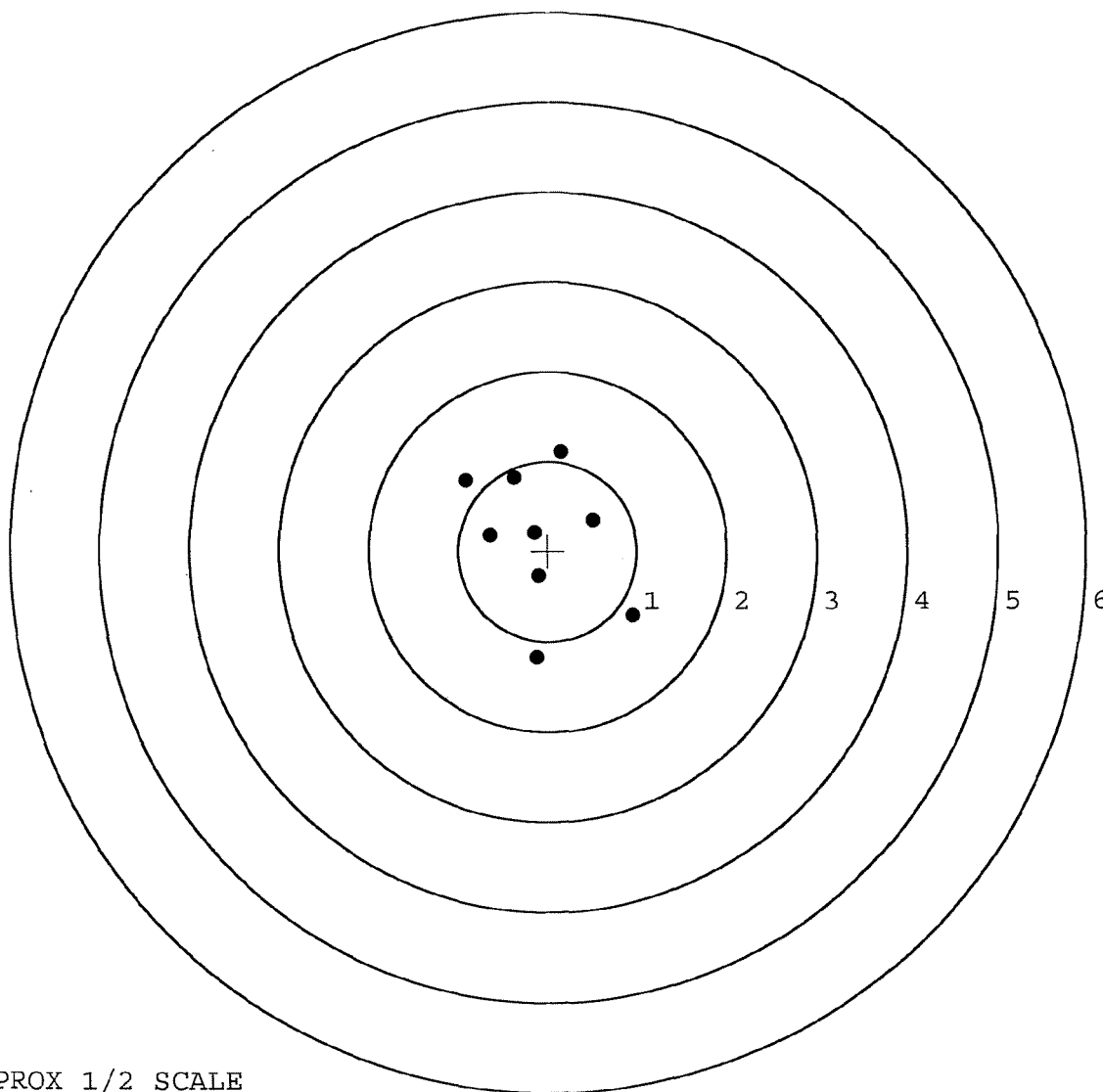
MEAN RADIUS: 0.796

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.951	-0.719
2:	-0.132	-1.183
3:	0.503	0.343
4:	-0.111	-0.283
5:	-0.150	0.204
6:	-0.644	0.175
7:	-0.920	0.788
8:	-0.384	0.818
9:	0.149	1.102



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139. __0

TARGET NUMBER: 2

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: 0.109

Y CENTROID: -0.108

POA TO CENTROID: 0.154

HORZ SPREAD: 0.957

VERT SPREAD: 3.265

GROUP SPREAD: 3.330

MIN RADIUS: 0.153

MAX RADIUS: 1.701

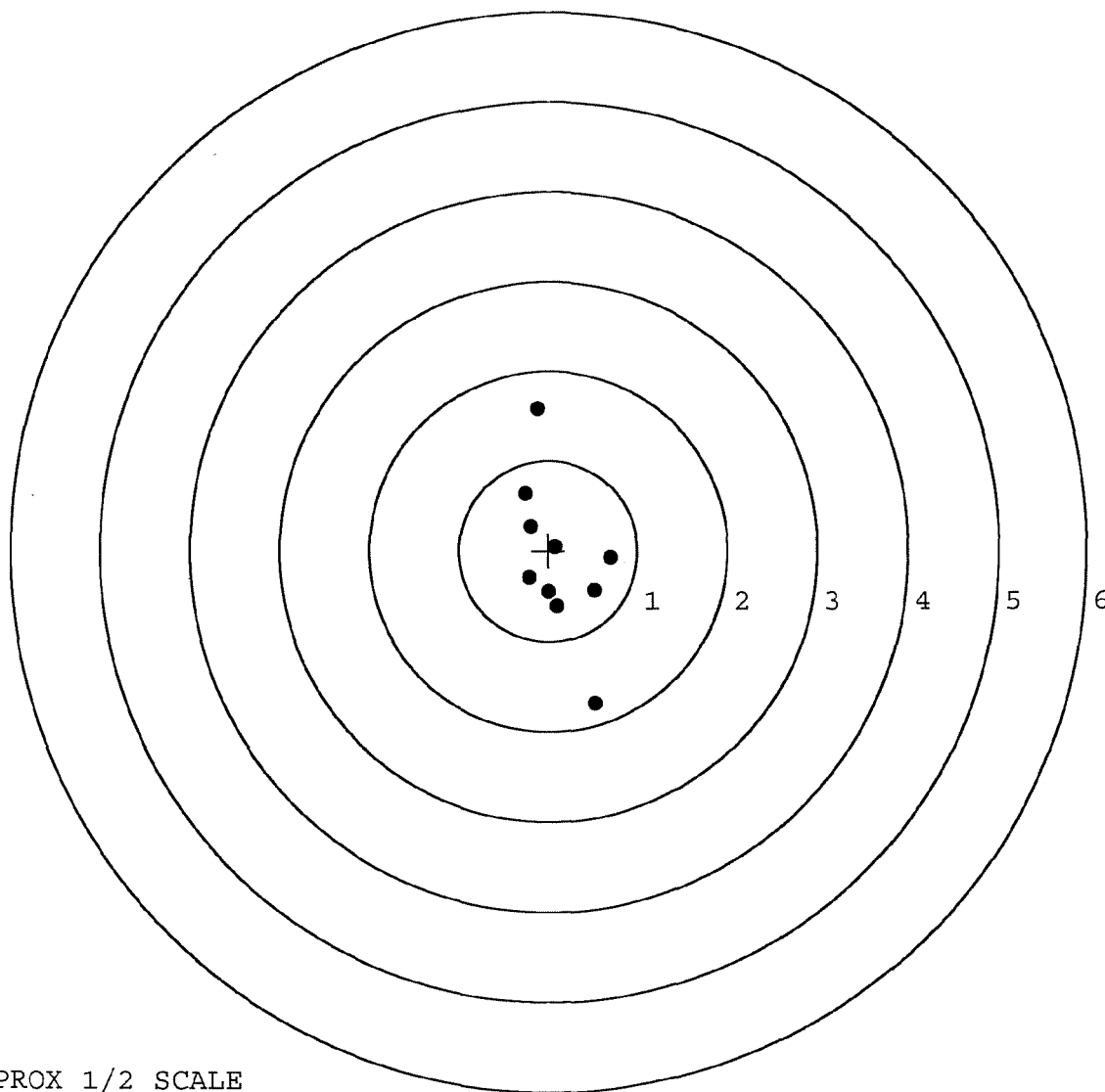
MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.521	-1.690
2:	0.695	-0.079
3:	0.514	-0.437
4:	0.097	-0.620
5:	0.004	-0.455
6:	-0.216	-0.306
7:	0.074	0.040
8:	-0.201	0.260
9:	-0.262	0.628
10:	-0.132	1.575



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139. 0

TARGET NUMBER: 3

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.067

Y CENTROID: -0.110

POA TO CENTROID: 0.129

HORZ SPREAD: 1.084

VERT SPREAD: 2.620

GROUP SPREAD: 2.637

MIN RADIUS: 0.254

MAX RADIUS: 1.353

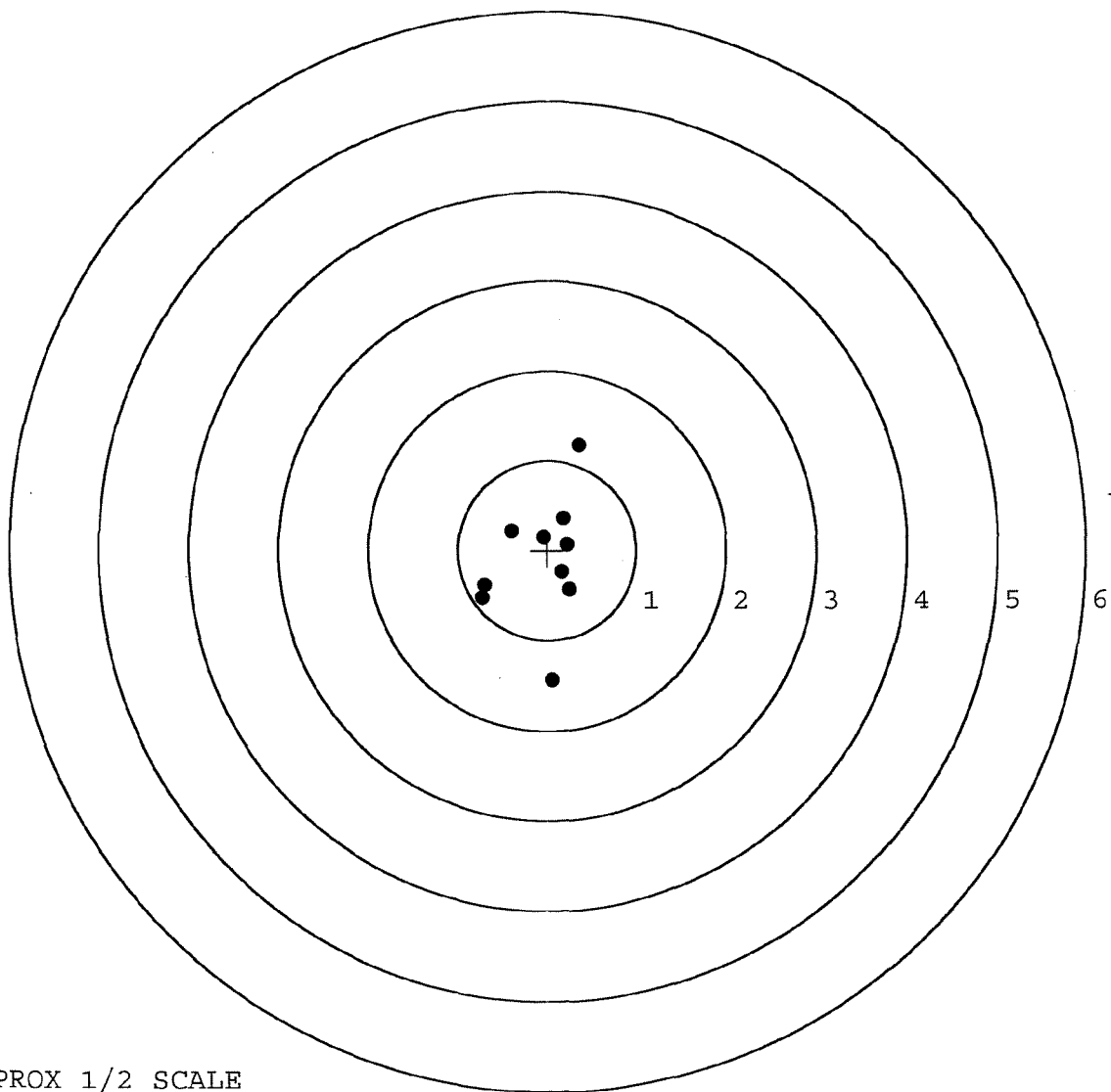
MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.057	-1.445
2:	-0.728	-0.530
3:	-0.701	-0.393
4:	-0.412	0.215
5:	0.356	1.175
6:	0.174	0.358
7:	-0.045	0.143
8:	0.222	0.060
9:	0.162	-0.243
10:	0.248	-0.439



TARGET APPROX 1/2 SCALE

BARBER - M24 0164612

SERIAL NUMBER: C6522139. __0

TARGET NUMBER: 4

FILE DATE: 03/09/2004

FILE TIME: 07:32

POINT#	X	Y
1:	0.482	0.271
2:	-0.087	1.198
3:	-0.680	0.192
4:	-0.356	0.084
5:	0.010	0.072
6:	-0.547	-0.361
7:	-0.441	-0.459
8:	0.274	-0.317
9:	0.265	-0.549
10:	-0.034	-0.614

X CENTROID: -0.111

Y CENTROID: -0.048

POA TO CENTROID: 0.121

HORZ SPREAD: 1.162

VERT SPREAD: 1.812

GROUP SPREAD: 1.813

MIN RADIUS: 0.171

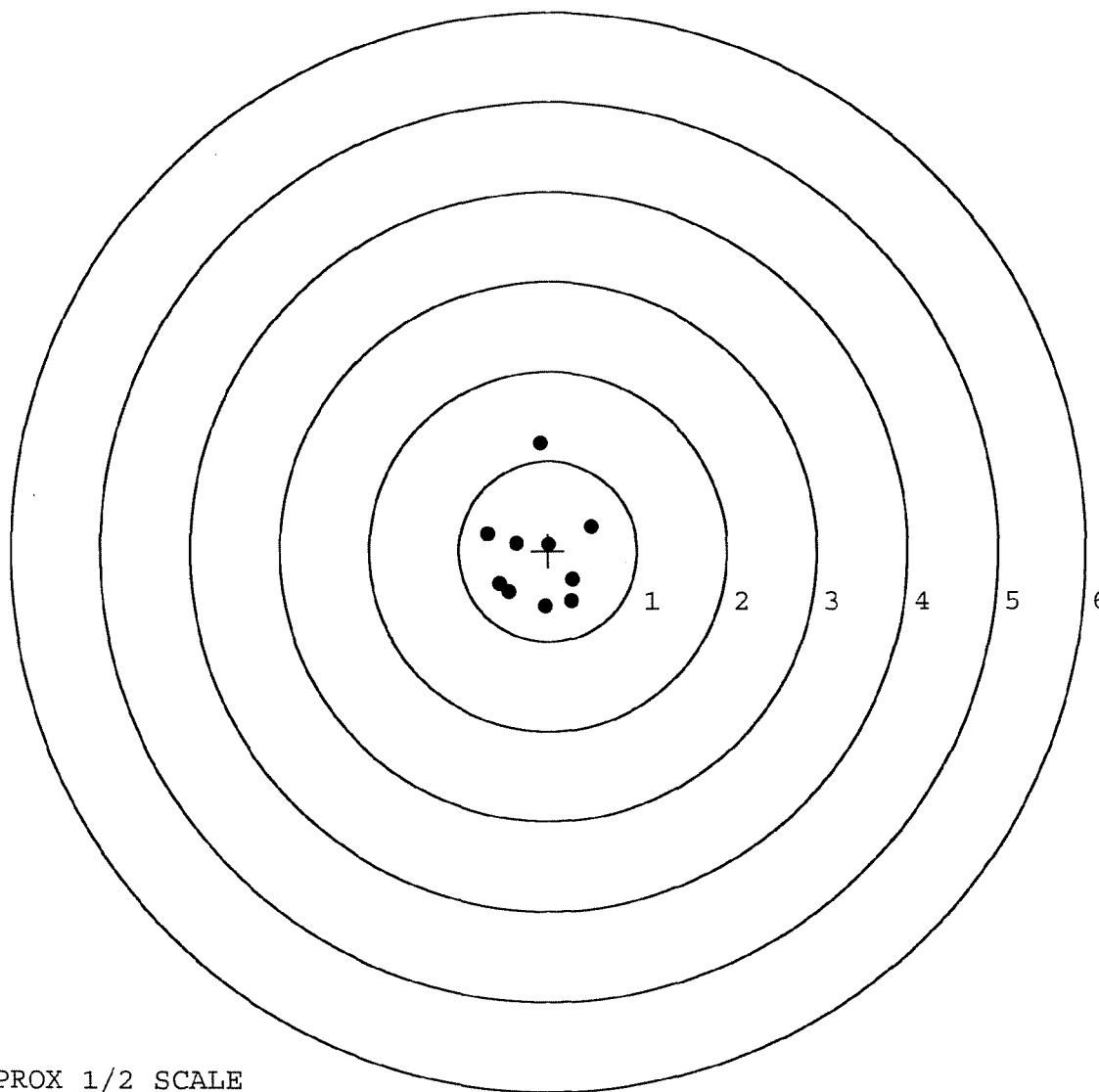
MAX RADIUS: 1.247

MEAN RADIUS: 0.572

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139. __0

TARGET NUMBER: 5

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.131

Y CENTROID: 0.014

POA TO CENTROID: 0.131

HORZ SPREAD: 1.051

VERT SPREAD: 1.527

GROUP SPREAD: 1.839

MIN RADIUS: 0.206

MAX RADIUS: 0.941

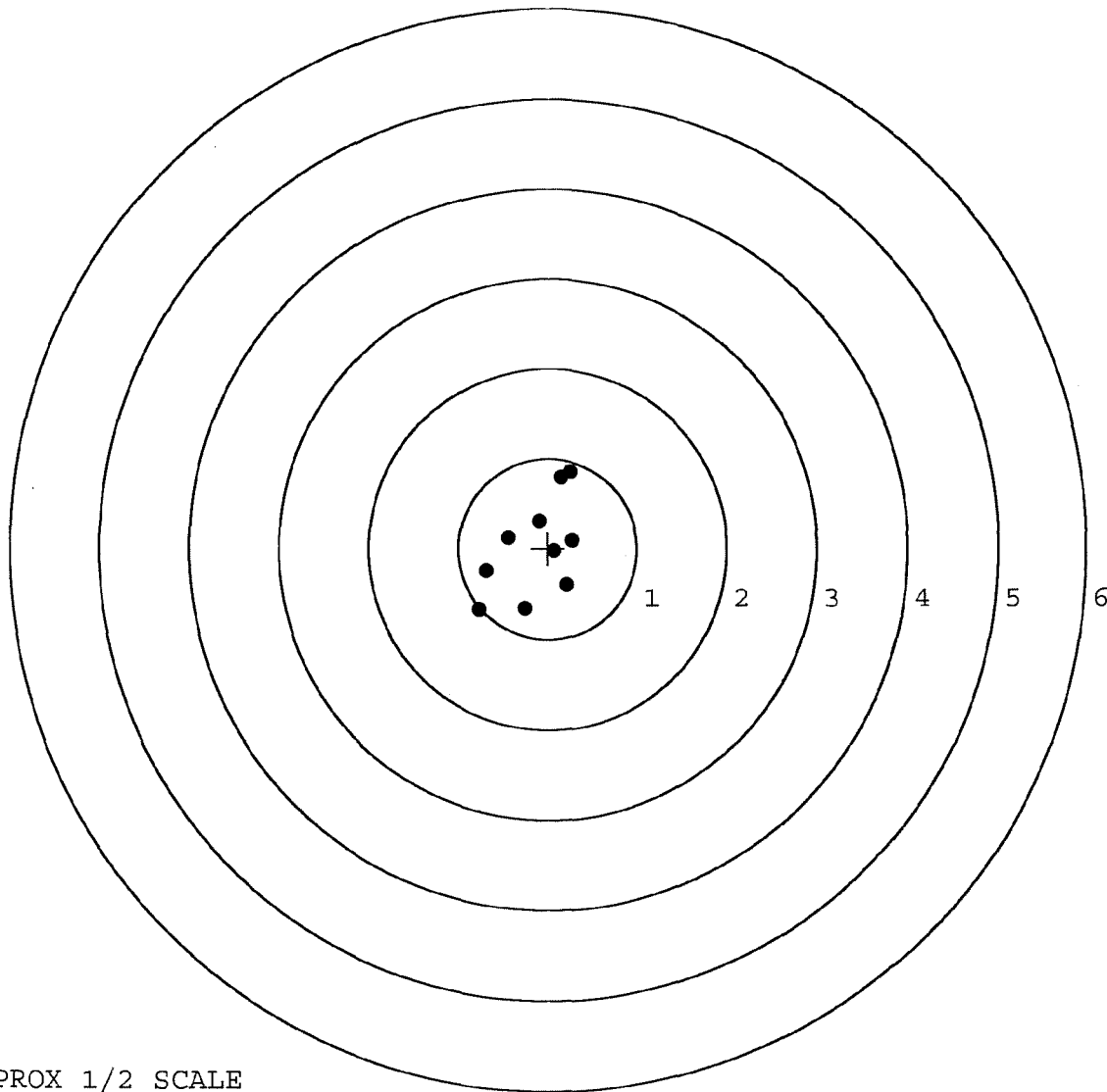
MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.771	-0.676
2:	-0.261	-0.671
3:	-0.689	-0.247
4:	-0.444	0.126
5:	-0.104	0.304
6:	0.151	0.791
7:	0.253	0.851
8:	0.280	0.098
9:	0.071	-0.029
10:	0.209	-0.407



TARGET APPROX 1/2 SCALE

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO 1	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WH92T, 1	1b. CUSTOMER UNIT NAME HMC 3-325	1c. PHONE NO 432-5059	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO		
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE 0	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA							
5. TYPE MINT REQ CODE	6. ID A	7. NSN 1605012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M24 SWS	9. NOUN Sniper Weapon System		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K		
10a. ORG WON/DOC NO	10b. EIC		H R				
11. SERIAL NUMBER 0652134	12. QTY 0001	13. PD 0.2	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) T/I			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)				
			22. LEVEL OF WORK		23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)							
25. REMARKS							

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
Block 1b. Enter name of submitting organization.
Block 1c. Enter number to be called when maint. is completed.
Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
Block 7. Enter the NSN or stock number of the item being submitted.
Block 8. Enter model of item being submitted.
Block 9. Enter noun/nomenclature of item being submitted.
Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
Block 10b. Enter End Item Code. See AMDF.
Block 11. Enter serial number of item being submitted.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
Block 14. For DSU, GSU/AVIM, DEPOT use.
Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
Block 17. Enter the project code if one has been assigned. If not, leave blank.
Block 18. See DA Pamphlets 738-750 and 738-751.
Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
Block 21. For DSU/GSU/AVIM/Depot use.
Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
Block 25. Self-explanatory.

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE
34b. DATE	35b. STATUS	35d. TIME

Block 34a. Enter first initial and last name of submitter.
Block 34b. Enter ordinal date submitted (YYDDD).
Block 35a. Enter first initial and last name of person accepting maint. request.
Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
Block 35c. Enter ordinal date accepted (YYDDD).
Block 35d. Enter military time.

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

060711 3B
Armament Section
060711 0607
J
060711 0607

[illegible]

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0164616

COMMENTS

ORDER
R99-14286

INITIAL CUSTOMER ORDER NO.

SWS

DATE RECEIVED 07/19/99	DATE OPENED 07/20/99	DATE CODE DK 9-90	SERIAL NUMBER C6522139	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 M24
ACCESSORIES W/STUDS SCOPE BASE HARD CASE					

FROM:

SHIP TO:

DEPT OF THE ARMY
ATTN: SSG RONALD HAMPTON
HHC 3-3-25TH AIR
FORT BRAGG

NC 28307

DEPT OF THE ARMY
ATTN: SSG RONALD HAMPTON
HHC 3-3-25TH AIR
FORT BRAGG

NC
28307

CUST. NO: 212163 C.O.L.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			F1	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

Barrel 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0164616

DOCUMENT IDENTIFIER		ROUTING IDENTIFIER		M & S		MANUFACTURER'S CODE AND PART NUMBER																UNIT OF ISSUE		QUANTITY				DOCUMENT NUMBER																								
						FSCM								PART NUMBER														SERV		REQUISITIONER				DATE				SERIAL														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43										
F	T	E	B	1	4	2	1	0	0	5	0	1	2	4	0	2	1	3	6			E	A	0	0	0	0	1	W	3	6	0	0	0	9	1	7	9	5	0	0	6										
DEMAND		SERV		SUPPLEMENTARY ADDRESS				SIGNAL		FUND CODE		DISTRIBUTION CODE		PROJECT CODE		PRIORITY		RE-REQUIRED DELIVERY DATE		ADVICE CODE		BLANK				REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)																										
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	65	66														
W	H	9	Z	T	O																																															
IDENTIFICATION DATA																																																				
* 1. MANUFACTURER'S CODE & PART NO. (When they exceed Card Columns 8 thru 22)																						2. MANUFACTURER'S NAME REMINGTON ARMS CO. INC.																														
3. MANUFACTURER'S CATALOG IDENTIFICATION AND DATE																													4. TECHNICAL ORDER NUMBER																							
5. TECHNICAL MANUAL NUMBER																													6. NAME OF ITEM REQUESTED M24 SNIPER WEAPON SYSTEM																							
7. DESCRIPTION OF ITEM REQUESTED LIN#R95387																													7a. COLOR																							
																													7b. SIZE																							
8. END ITEM APPLICATION AND SOURCE OF SUPPLY																																																				
8a. MAKE																						8b. MODEL NUMBER											8c. SERIES										8d. SERIAL NUMBER C6522139									
9. REQUISITIONER (Clear Text Name and Address) SSG RONALD HAMPTON HHC 3-325th AIR FT. BRAGG, NC. 28307-5100 TEL...DSN 239-5059/9621 COM...(910)432-5059/9621																						10. REMARKS WEAPON IS BEING RETURNED FOR REPAIR. THE FREE FLOATING BARREL IS RUBBING AGAINST THE STOCK.																														

DD FORM 1 APR 77 1348-6 EDITION OF 1 MAR 74 MAY BE USED UNTIL EXHAUSTED

NON-NSN REQUISITION (MANUAL)

DOCUMENT IDENTIFIER			ROUTING IDENTIFIER			M & S	MANUFACTURER'S CODE * AND PART NUMBER																UNIT OF ISSUE	QUANTITY				DOCUMENT NUMBER																								
							FSCM								PART NUMBER													SERV				REQUISITIONER				DATE				SERIAL												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43										
A	C	E					1	0	0	5	0	1	2	4	0	2	1	3	6			E	A	C	C	0	0	1	W	3	6	Q	0	Q	9	1	7	9	5	0	0	7										
DEMAND		SERV		SUPPLEMENTARY ADDRESS			SIGNAL	FUND CODE	DISTRIBUTION CODE	PROJECT CODE	PRIORITY	RE-REQUIRED DELIVERY DATE	ADVICE CODE	BLANK															REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)																							
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82														
W	H	9	Z	T	G																																															
IDENTIFICATION DATA																																																				
* 1. MANUFACTURER'S CODE & PART NO. (When they exceed Card Columns 8 thru 22)																						2. MANUFACTURER'S NAME Remington Arms Co.																														
3. MANUFACTURER'S CATALOG IDENTIFICATION AND DATE LIN#R95387																													4. TECHNICAL ORDER NUMBER 82nd PBO Team #2 Approved																							
5. TECHNICAL MANUAL NUMBER																						6. NAME OF ITEM REQUESTED M24 SNIPER WEAPON SYSTEM																														
7. DESCRIPTION OF ITEM REQUESTED																													7a. COLOR 0002																							
																													7b. SIZE																							
8. END ITEM APPLICATION AND SOURCE OF SUPPLY																																																				
8a. MAKE																						8b. MODEL NUMBER											8c. SERIES										8d. SERIAL NUMBER C6522139									
9. REQUISITIONER (Clear Text Name and Address) SSG RONALD HAMPTON HHC 3/325th AIR FORT BRAGG, NC 28307-5100 TEL...DSN 239-5059/9621 COM...(910)432-5059/9621																						10. REMARKS WEAPON IS BEING RETURNED FOR REPAIR AND RETURN. THE FREE FLOATING BARREL IS RUBBING AGAINST THE STOCK.																														

DD FORM 1 APR 77 1348-6 EDITION OF 1 MAR 74 MAY BE USED UNTIL EXHAUSTED

NON-NSN REQUISITION (MANUAL)

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 HC3/325 AIR					2. NOMENCLATURE AND MODEL M24 SNIPER RIFLE 7.62mm NSN:1005-01-240-2136				
3. REGISTRATION/SERIAL/NSN RN:1 SN:C6522139			4 a. MILES 0	b. HOURS 0	c. ROUNDS FIRE 0	d. HOT STARTS 0	5. DATE 118 MAY 1999		6. TYPE INSPECTION PMCS
7. APPLICABLE REFERENCE									
TM NUMBER 9-1005-306-10			TM DATE FEBRUARY 1989		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.									
8 a. SIGNATURE (Person(s) performing inspection)			8 b. TIME		9 a. SIGNATURE (Maintenance Supervisor)			9 b. TIME	
								10. MANHOURS REQUIRED	
11. DEFICIENCIES AND SHORTCOMINGS									
12. CORRECTIVE ACTION									
13. INITIAL WHEN CORRECTED									
14. TM ITEM NO.									
15. STATUS									
16. DEFICIENCIES AND SHORTCOMINGS									
17. CORRECTIVE ACTION									
18. INITIAL WHEN CORRECTED									
19. TM ITEM NO.									
20. STATUS									
21. DEFICIENCIES AND SHORTCOMINGS									
22. CORRECTIVE ACTION									
23. INITIAL WHEN CORRECTED									
24. TM ITEM NO.									
25. STATUS									
26. DEFICIENCIES AND SHORTCOMINGS									
27. CORRECTIVE ACTION									
28. INITIAL WHEN CORRECTED									
29. TM ITEM NO.									
30. STATUS									
31. DEFICIENCIES AND SHORTCOMINGS									
32. CORRECTIVE ACTION									
33. INITIAL WHEN CORRECTED									
34. TM ITEM NO.									
35. STATUS									
36. DEFICIENCIES AND SHORTCOMINGS									
37. CORRECTIVE ACTION									
38. INITIAL WHEN CORRECTED									
39. TM ITEM NO.									
40. STATUS									
41. DEFICIENCIES AND SHORTCOMINGS									
42. CORRECTIVE ACTION									
43. INITIAL WHEN CORRECTED									
44. TM ITEM NO.									
45. STATUS									
46. DEFICIENCIES AND SHORTCOMINGS									
47. CORRECTIVE ACTION									
48. INITIAL WHEN CORRECTED									
49. TM ITEM NO.									
50. STATUS									
51. DEFICIENCIES AND SHORTCOMINGS									
52. CORRECTIVE ACTION									
53. INITIAL WHEN CORRECTED									
54. TM ITEM NO.									
55. STATUS									
56. DEFICIENCIES AND SHORTCOMINGS									
57. CORRECTIVE ACTION									
58. INITIAL WHEN CORRECTED									
59. TM ITEM NO.									
60. STATUS									
61. DEFICIENCIES AND SHORTCOMINGS									
62. CORRECTIVE ACTION									
63. INITIAL WHEN CORRECTED									
64. TM ITEM NO.									
65. STATUS									
66. DEFICIENCIES AND SHORTCOMINGS									
67. CORRECTIVE ACTION									
68. INITIAL WHEN CORRECTED									
69. TM ITEM NO.									
70. STATUS									
71. DEFICIENCIES AND SHORTCOMINGS									
72. CORRECTIVE ACTION									
73. INITIAL WHEN CORRECTED									
74. TM ITEM NO.									
75. STATUS									
76. DEFICIENCIES AND SHORTCOMINGS									
77. CORRECTIVE ACTION									
78. INITIAL WHEN CORRECTED									
79. TM ITEM NO.									
80. STATUS									
81. DEFICIENCIES AND SHORTCOMINGS									
82. CORRECTIVE ACTION									
83. INITIAL WHEN CORRECTED									
84. TM ITEM NO.									
85. STATUS									
86. DEFICIENCIES AND SHORTCOMINGS									
87. CORRECTIVE ACTION									
88. INITIAL WHEN CORRECTED									
89. TM ITEM NO.									
90. STATUS									
91. DEFICIENCIES AND SHORTCOMINGS									
92. CORRECTIVE ACTION									
93. INITIAL WHEN CORRECTED									
94. TM ITEM NO.									
95. STATUS									
96. DEFICIENCIES AND SHORTCOMINGS									
97. CORRECTIVE ACTION									
98. INITIAL WHEN CORRECTED									
99. TM ITEM NO.									
100. STATUS									
101. DEFICIENCIES AND SHORTCOMINGS									
102. CORRECTIVE ACTION									
103. INITIAL WHEN CORRECTED									
104. TM ITEM NO.									
105. STATUS									
106. DEFICIENCIES AND SHORTCOMINGS									
107. CORRECTIVE ACTION									
108. INITIAL WHEN CORRECTED									
109. TM ITEM NO.									
110. STATUS									
111. DEFICIENCIES AND SHORTCOMINGS									
112. CORRECTIVE ACTION									
113. INITIAL WHEN CORRECTED									
114. TM ITEM NO.									
115. STATUS									
116. DEFICIENCIES AND SHORTCOMINGS									
117. CORRECTIVE ACTION									
118. INITIAL WHEN CORRECTED									
119. TM ITEM NO.									
120. STATUS									
121. DEFICIENCIES AND SHORTCOMINGS									
122. CORRECTIVE ACTION									
123. INITIAL WHEN CORRECTED									
124. TM ITEM NO.									
125. STATUS									
126. DEFICIENCIES AND SHORTCOMINGS									
127. CORRECTIVE ACTION									
128. INITIAL WHEN CORRECTED									
129. TM ITEM NO.									
130. STATUS									
131. DEFICIENCIES AND SHORTCOMINGS									
132. CORRECTIVE ACTION									
133. INITIAL WHEN CORRECTED									
134. TM ITEM NO.									
135. STATUS									
136. DEFICIENCIES AND SHORTCOMINGS									
137. CORRECTIVE ACTION									
138. INITIAL WHEN CORRECTED									
139. TM ITEM NO.									
140. STATUS									
141. DEFICIENCIES AND SHORTCOMINGS									
142. CORRECTIVE ACTION									
143. INITIAL WHEN CORRECTED									
144. TM ITEM NO.									
145. STATUS									
146. DEFICIENCIES AND SHORTCOMINGS									
147. CORRECTIVE ACTION									
148. INITIAL WHEN CORRECTED									
149. TM ITEM NO.									
150. STATUS									
151. DEFICIENCIES AND SHORTCOMINGS									
152. CORRECTIVE ACTION									
153. INITIAL WHEN CORRECTED									
154. TM ITEM NO.									
155. STATUS									
156. DEFICIENCIES AND SHORTCOMINGS									
157. CORRECTIVE ACTION									
158. INITIAL WHEN CORRECTED									
159. TM ITEM NO.									
160. STATUS									
161. DEFICIENCIES AND SHORTCOMINGS									
162. CORRECTIVE ACTION									
163. INITIAL WHEN CORRECTED									
164. TM ITEM NO.									
165. STATUS									
166. DEFICIENCIES AND SHORTCOMINGS									
167. CORRECTIVE ACTION									
168									

BARBER - M24 0164620

Remington Test Lab, Ilion, N.Y.

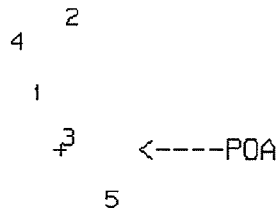
Centroidal distance calculations for Rifle # c6522139
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3498
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3498

THE AMR FOR THIS RIFLE IS: 1.182

CENTROIDAL DISTANCES

0 TO	1	.415194
1 TO	2	.563773
1 TO	3	.36967
1 TO	4	.377334
1 TO	5	.8836



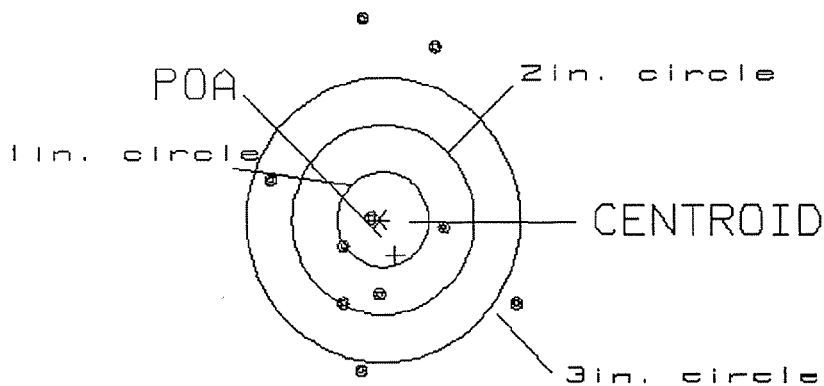
PATTERN #: 1

POA TO CENTROID: .415
 MIN RADIUS : .121
 MEAN RADIUS : 1.165
 MAX RADIUS : 2.121
 CENTROID X : -.165
 CENTROID Y : .381

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.65

1

VS= 3.67

5

GS= 3.67

6

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .895

MIN RADIUS : .413

MEAN RADIUS : 1.511

MAX RADIUS : 2.741

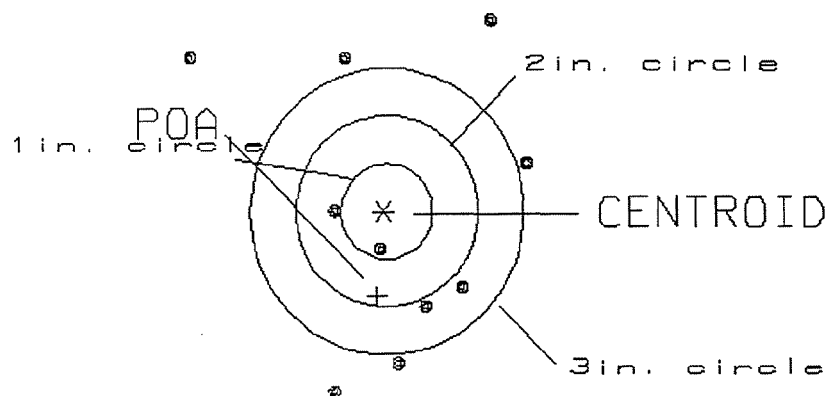
CENTROID X : .071

CENTROID Y : .893

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.72

1

VS= 3.91

2

GS= 4.27

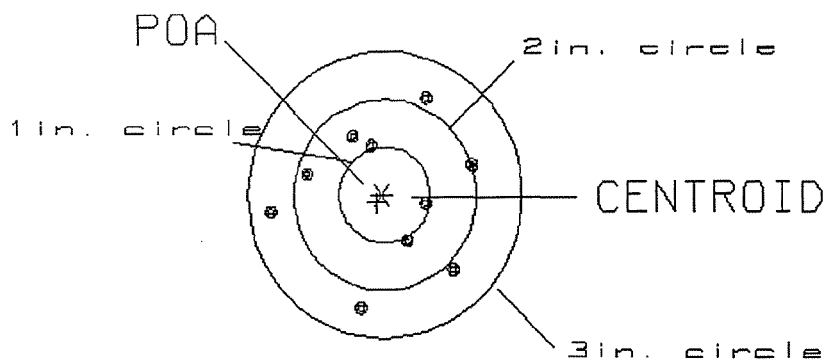
4

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .096
 MIN RADIUS : .482
 MEAN RADIUS : .874
 MAX RADIUS : 1.219
 CENTROID X : .051
 CENTROID Y : .081

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.13
 VS= 2.21
 GS= 2.29

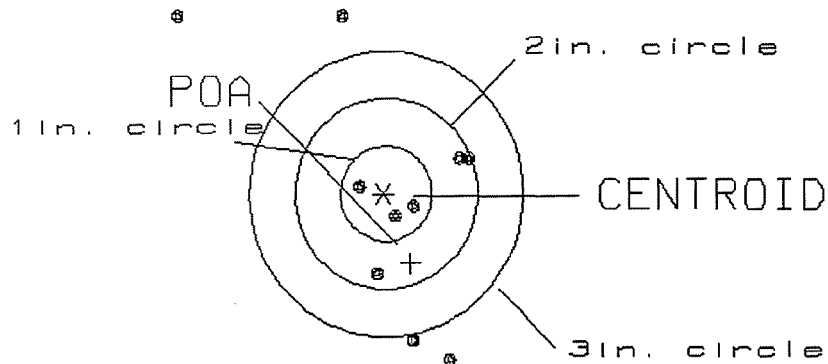
1
 6
 10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .792
 MIN RADIUS : .270
 MEAN RADIUS : 1.208
 MAX RADIUS : 2.988
 CENTROID X : -.306
 CENTROID Y : .731

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.28
 VS= 3.64
 GS= 4.77

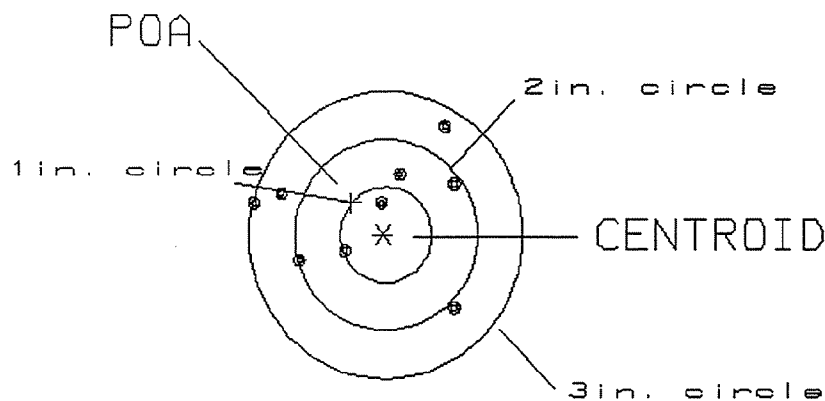
3
 5
 6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .486
 MIN RADIUS : .324
 MEAN RADIUS : 1.150
 MAX RADIUS : 2.932
 CENTROID X : .350
 CENTROID Y : -.337

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.23
 VS= 3.48
 GS= 4.22

1
 4
 9

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6522139

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	7-22-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	7-26-99	RW
605	CHECK HEADSPACE	7-26-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	7-26-99	
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	9-7-99	RW
655	FINAL INSPECT	9-10-99	
660	PACK		
QAR INSPECTION		SHIP DATE	

Final Inspection

Sn: C6522139

DATE REC'D: 7-19-99

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®
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6522139

ORDER NO.
5716

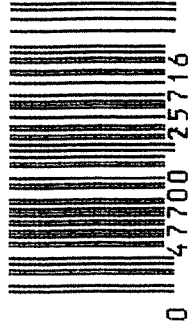
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6522139

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6522139*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	<i>RW</i>
600	Proof	9 25	90	<i>RW</i>
607	Check Headspace	9 25	90	<i>RW</i>
610	Dis-assemble Gun	9		<i>RW</i>
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	<i>L.S.</i>
617	Drill and Tap Sight Holes		9/28/90	<i>KB</i>
618	Polish Barrel <i>KB</i>		10/1/90	<i>WB</i>
620	Apply Coatings (Barrel Action)		10-5-90	<i>JA</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/8/90	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/8/90	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/90	<i>WB</i>

BARBER - M24 0164630

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/9/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			10/9/90	WB
	H) Trigger Pull Test & Retainability						10/9/90	WB
	I) Firing Pin Indent	.023	.0225	.023			10/9/90	WB
	J) Assemble Stock						10/9/90	RW
	K) Assemble Swivel Studs						2 NOV 90	928
	L) Attach Front and Rear Sight Assemblies						10/9/90	RW
	M) Iron Sight Alignment						10/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/9/90	RW
	O) Attach Scope to Rifle						10/9/90	RW
	P) Detach & Attach Scope 20 Times						10/9/90	RW
640	Gallery Target & Test						10-10-90	DH
	A) Time						10-10-90	DH
	B) Malfunctions						10-10-90	DH
	C) Pierced Primers						10-10-90	DH
	D) Optical Clarity of Scope						10-10-90	DH
645	Inspect for Live Ammo						10-10-90	DH
655	Final Inspection							
	A) Headspace						2 NOV 90	928
	B) Trigger Pull	228	214	212	209	213	2 NOV 90	928
	C) Function						2 NOV 90	928
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522139

DATE 10/2/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.32	2.32	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.28	2.25	2.16	
PULL #3	2.46	2.29	2.30	2.12	
PULL #4	2.51	2.30	2.25	2.09	
PULL #5	2.43	2.33	2.31	2.13	
TOTAL	12.21	11.52	11.43		
AVG.	2.44	2.30	2.28		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.30		
PULL #2	3.35	3.08		
PULL #3	3.36	3.28		
PULL #4	3.40	3.19		
PULL #5	3.39	3.30		
TOTAL	16.85	16.15		
AVG.	3.37	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.26		4.25
PULL #2	4.25	4.24		4.26
PULL #3	4.26	4.26		4.26
PULL #4	4.21	4.21		4.29
PULL #5	4.28	4.23		4.32
TOTAL	21.26	21.20		21.38
AVG.	4.25	4.24		4.27

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522139
10 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.134466
1 TO	2	.136624
1 TO	3	.241338
1 TO	4	.196311
1 TO	5	.206886

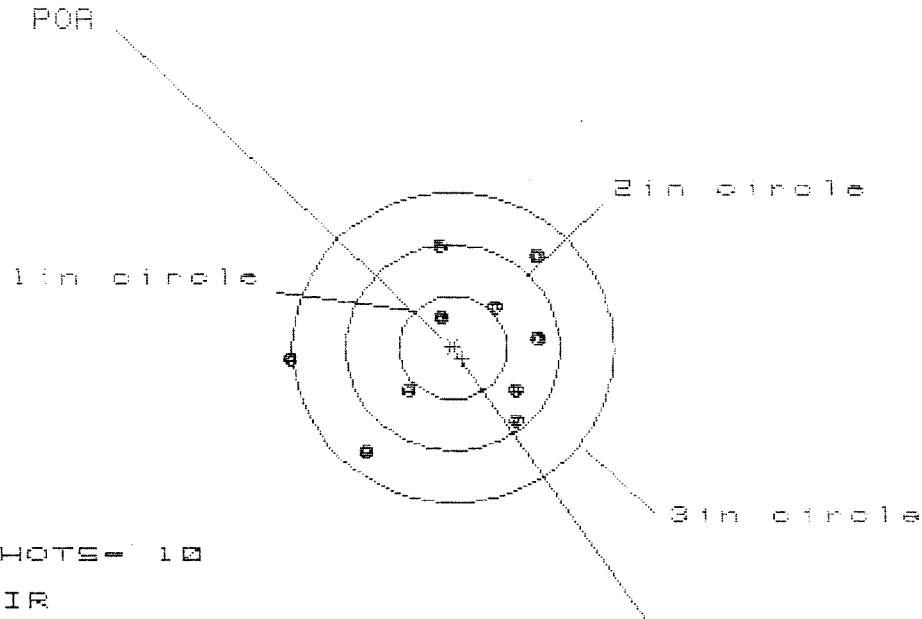
3.4 (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.087
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0871553
THE AMR FOR THIS RIFLE IS: .84

12 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522139

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.278

VS= 1.997

GS= 2.460

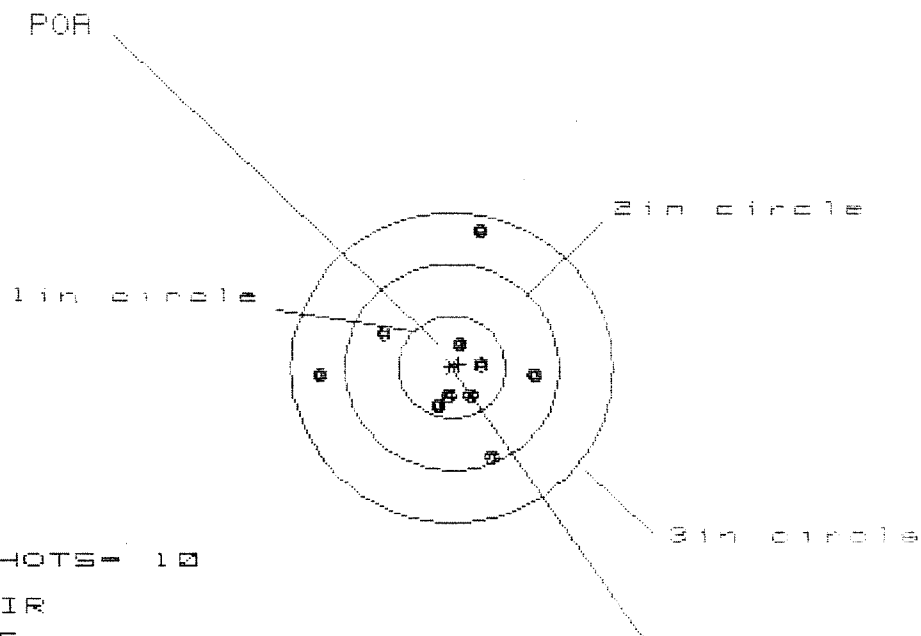
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.589	.460
MINIMUM X	-1.520	-1.032	-.727
MAXIMUM Y	1.011	1.000	.875
MINIMUM Y	-.986	-.997	-.877
CENTROID X	-.084	.085	.214
CENTROID Y	.105	.116	.241
POB TO CENTROID in.	.134	.144	.322
MIN RADIUS	.355	.428	.266
MEAN RADIUS	.897	.802	.691
MAX RADIUS	1.523	1.435	.983
HORIZONTAL SPREAD	2.278	1.621	1.187
VERTICAL SPREAD	1.997	1.997	1.752
EXTREME SPREAD	2.460	2.448	1.899
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522139

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 5

2 in - 8

3 in - 10

HS - 2.034

VS - 2.265

GS - 2.266

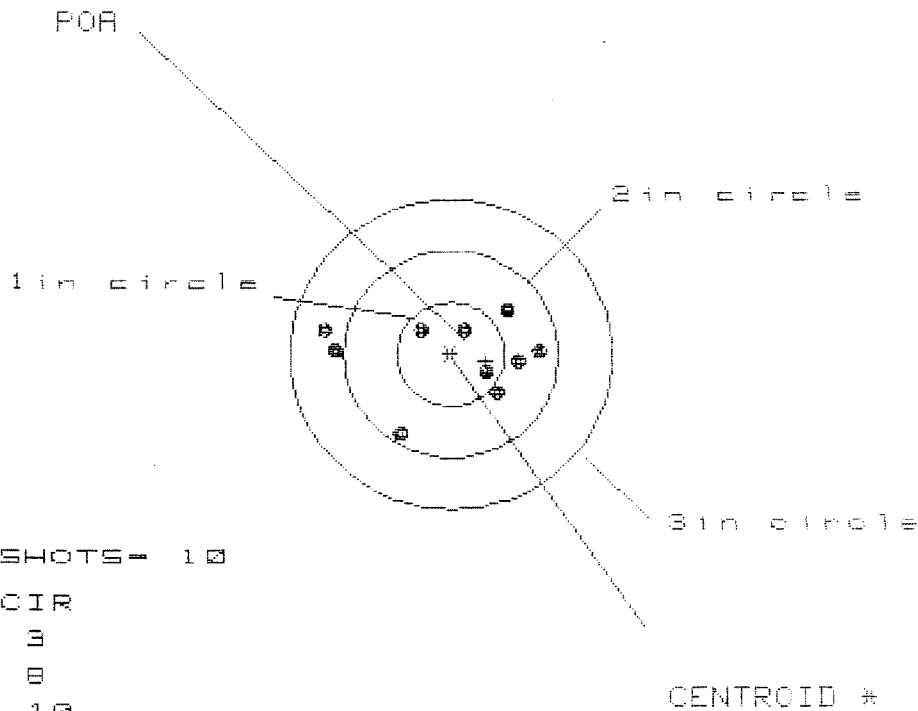
CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.810
MINIMUM X	-1.224
MAXIMUM Y	1.360
MINIMUM Y	-.905
CENTROID X	-.063
CENTROID Y	-.030
POA TO CENTROID in.	.070
MIN RADIUS	.254
MEAN RADIUS	.661
MAX RADIUS	1.396
HORIZONTAL SPREAD	2.034
VERTICAL SPREAD	2.265
EXTREME SPREAD	2.266
NUMBER IN ONE INCH CIRCLE =	5
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

10 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522139

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 2.041

VS= 1.201

GS= 2.049

PATTERN #	3	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.866	.736	.589
MINIMUM X	-1.175	-1.173	-.723
MAXIMUM Y	.475	.504	.514
MINIMUM Y	-.726	-.697	-.687
CENTROID X	-.322	-.192	-.045
CENTROID Y	.065	.036	.026
POA TO CENTROID in.	.329	.195	.052
MIN RADIUS	.239	.232	.107
MEAN RADIUS	.683	.597	.489
MAX RADIUS	1.202	1.176	.997
HORIZONTAL SPREAD	2.041	1.909	1.312
VERTICAL SPREAD	1.201	1.201	1.201
EXTREME SPREAD	2.049	1.909	1.538
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522139

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.508

VS= 1.494

GS= 3.566

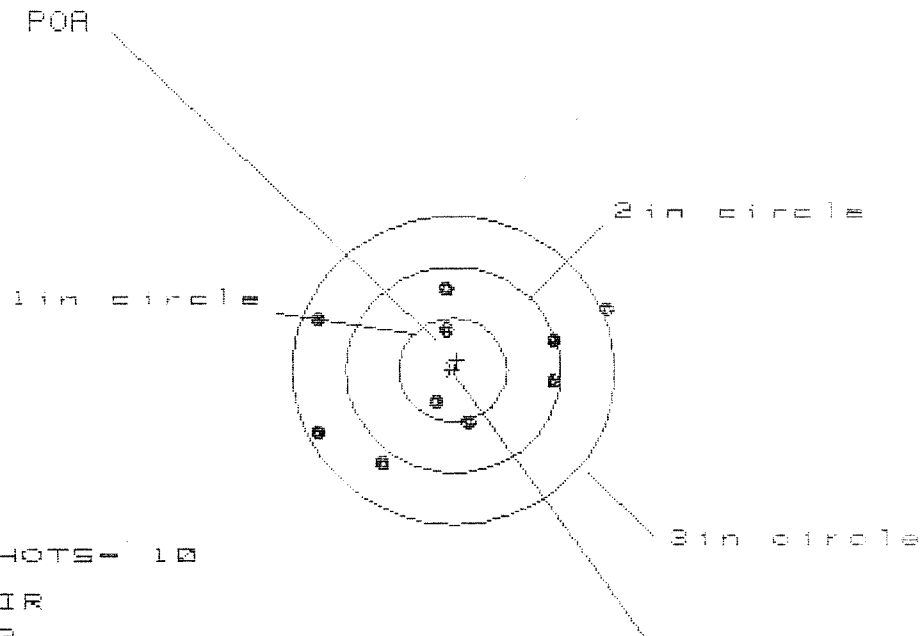
CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.843
MINIMUM X	-1.665
MAXIMUM Y	.640
MINIMUM Y	-.854
CENTROID X	.069
CENTROID Y	-.018
POA TO CENTROID in.	.072
MIN RADIUS	.437
MEAN RADIUS	1.018
MAX RADIUS	1.871
HORIZONTAL SPREAD	3.508
VERTICAL SPREAD	1.494
EXTREME SPREAD	3.566
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 6
NUMBER IN THREE INCH CIRCLE	= 8

10 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522139

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.657

VS= 1.695

GS= 2.892

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.397	1.134	1.000
MINIMUM X	-1.260	-1.105	-1.238
MAXIMUM Y	.751	.816	.745
MINIMUM Y	-.944	-.879	-.951
CENTROID X	-.035	-.190	-.057
CENTROID Y	-.096	-.161	-.089
POA TO CENTROID in.	.102	.249	.106
MIN RADIUS	.352	.254	.349
MEAN RADIUS	.941	.968	.814
MAX RADIUS	1.515	1.241	1.334
HORIZONTAL SPREAD	2.657	2.239	2.239
VERTICAL SPREAD	1.695	1.695	1.695
EXTREME SPREAD	2.892	2.389	2.313
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		