

G6695404

Replaces

G6391096

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: RE00140419

Serial: G6391096 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 1/22/2008 3:15:58 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	Scoops Base	1
A057	Fit and Rear Sgt Base	1
D000	BI POD ALL BROKEN	1

nagletj

1/23/2008

1:06 PM

NUM

NEW G 6695404

Serial Number: ~~G6391096~~
Model: M24 SWS

RE00140419

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695404.__0
FILE DATE AND TIME: 02/08/2008 13:55

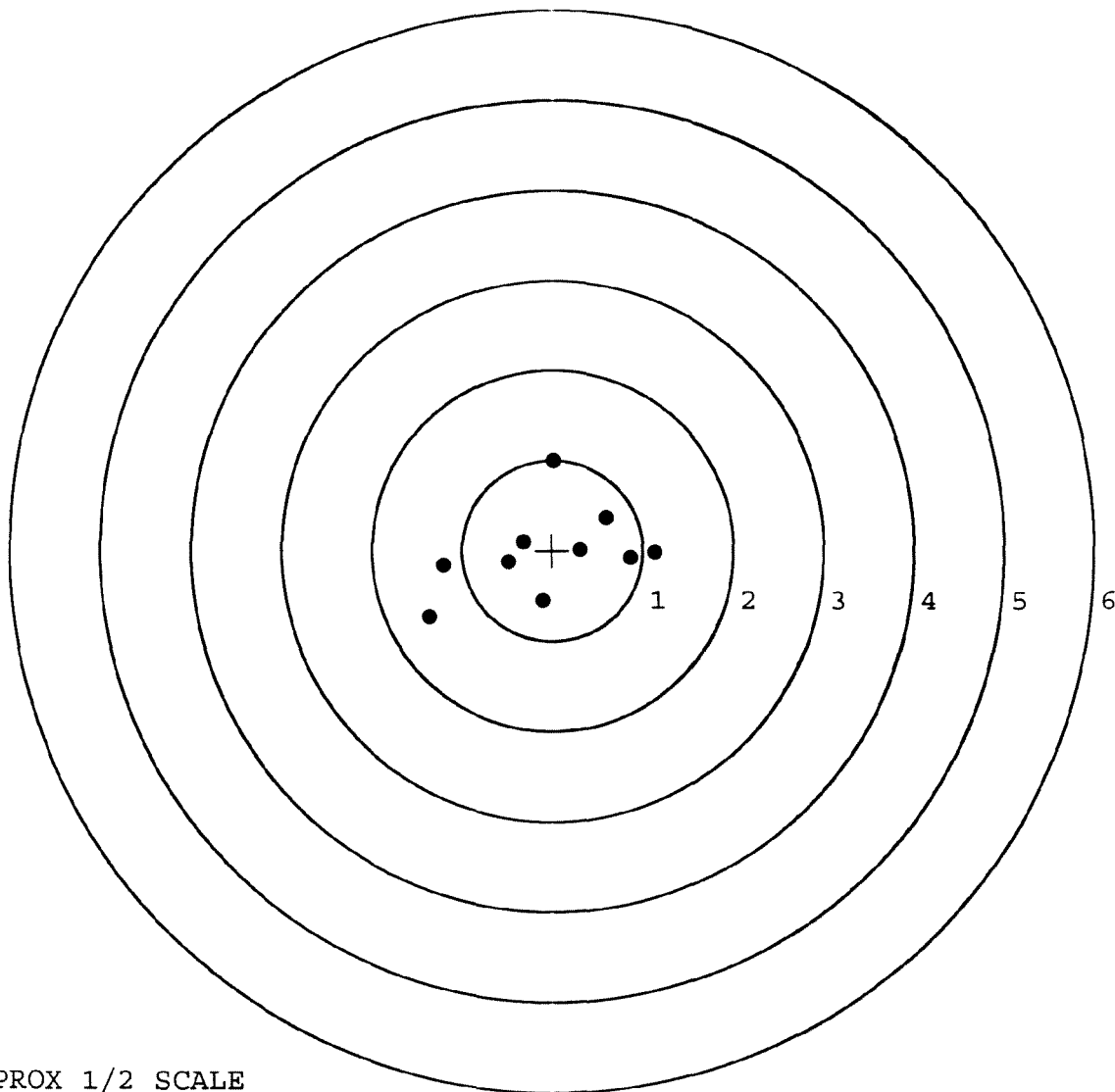
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.023
The Average Y Centroid of the Five Target Set:	0.045
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.062
The Distance from Centroid Target #2 to Centroid Target #1:	0.164
The Distance from Centroid Target #3 to Centroid Target #1:	0.060
The Distance from Centroid Target #4 to Centroid Target #1:	0.199
The Distance from Centroid Target #5 to Centroid Target #1:	0.156

SERIAL NUMBER: G6695404. __0
TARGET NUMBER: 1
FILE DATE: 02/08/2008
FILE TIME: 13:55

POINT#	X	Y
1:	0.015	0.991
2:	-1.202	-0.172
3:	-1.366	-0.740
4:	-0.325	0.094
5:	-0.484	-0.127
6:	-0.110	-0.562
7:	1.138	-0.023
8:	0.870	-0.083
9:	0.308	0.009
10:	0.594	0.363

X CENTROID: -0.056
Y CENTROID: -0.025
POA TO CENTROID: 0.062
HORZ SPREAD: 2.504
VERT SPREAD: 1.731
GROUP SPREAD: 2.605
MIN RADIUS: 0.294
MAX RADIUS: 1.492
MEAN RADIUS: 0.818
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

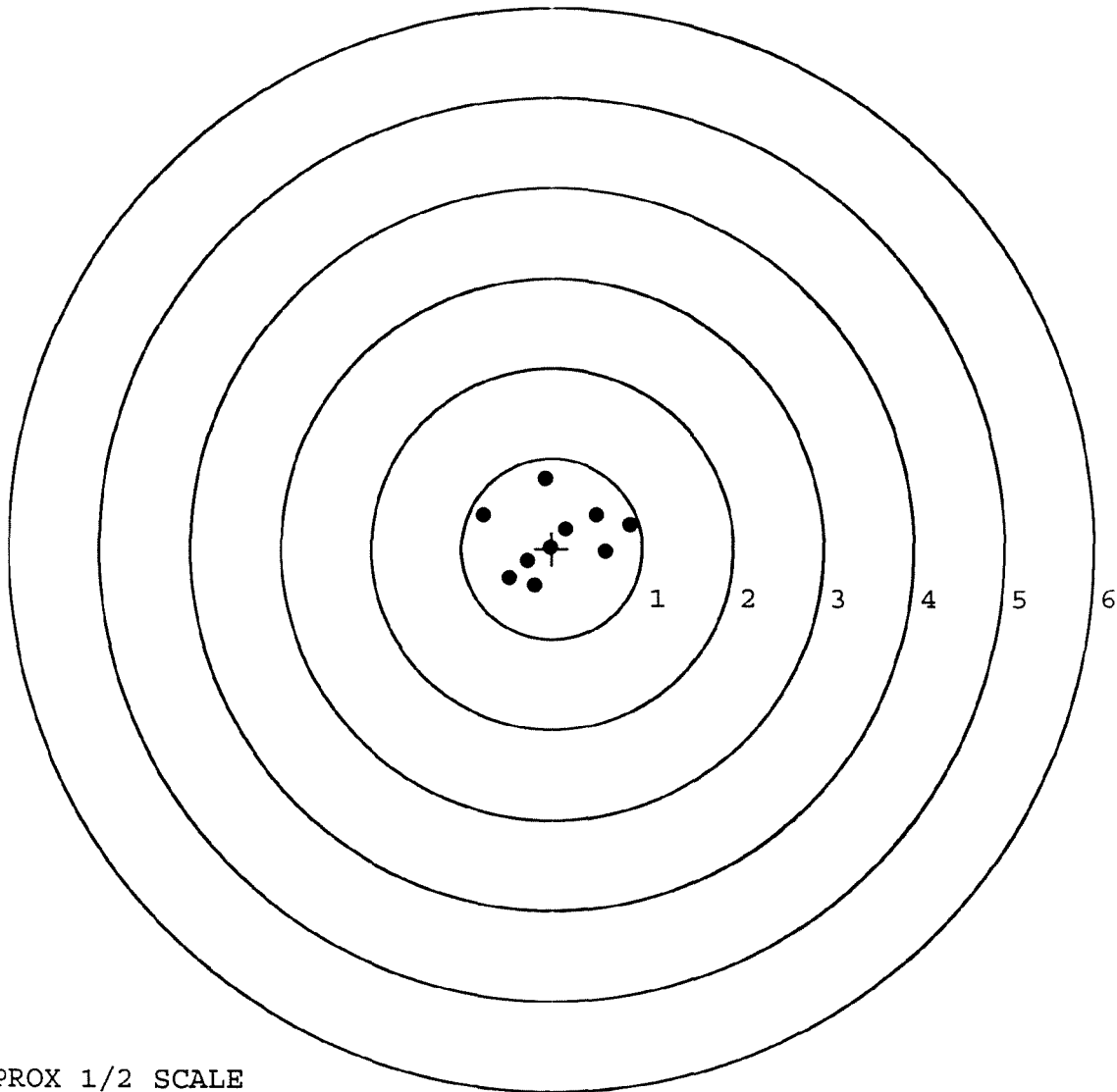


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695404. __0
TARGET NUMBER: 2
FILE DATE: 02/08/2008
FILE TIME: 13:55

POINT#	X	Y
1:	-0.075	0.779
2:	-0.756	0.375
3:	-0.467	-0.322
4:	-0.193	-0.408
5:	-0.270	-0.139
6:	-0.016	0.018
7:	0.149	0.216
8:	0.487	0.375
9:	0.863	0.272
10:	0.595	-0.028

X CENTROID: 0.032
Y CENTROID: 0.114
POA TO CENTROID: 0.118
HORZ SPREAD: 1.619
VERT SPREAD: 1.187
GROUP SPREAD: 1.622
MIN RADIUS: 0.107
MAX RADIUS: 0.846
MEAN RADIUS: 0.534
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695404. __ 0

TARGET NUMBER: 3

FILE DATE: 02/08/2008

FILE TIME: 13:55

POINT#	X	Y
1:	-1.157	0.691
2:	-0.327	0.909
3:	-0.272	0.300
4:	-0.565	-0.276
5:	-0.049	-0.744
6:	0.564	-0.283
7:	0.818	0.199
8:	-0.153	-0.154
9:	-0.099	-0.364
10:	0.191	-0.178

X CENTROID: -0.105

Y CENTROID: 0.010

POA TO CENTROID: 0.105

HORZ SPREAD: 1.975

VERT SPREAD: 1.653

GROUP SPREAD: 2.035

MIN RADIUS: 0.171

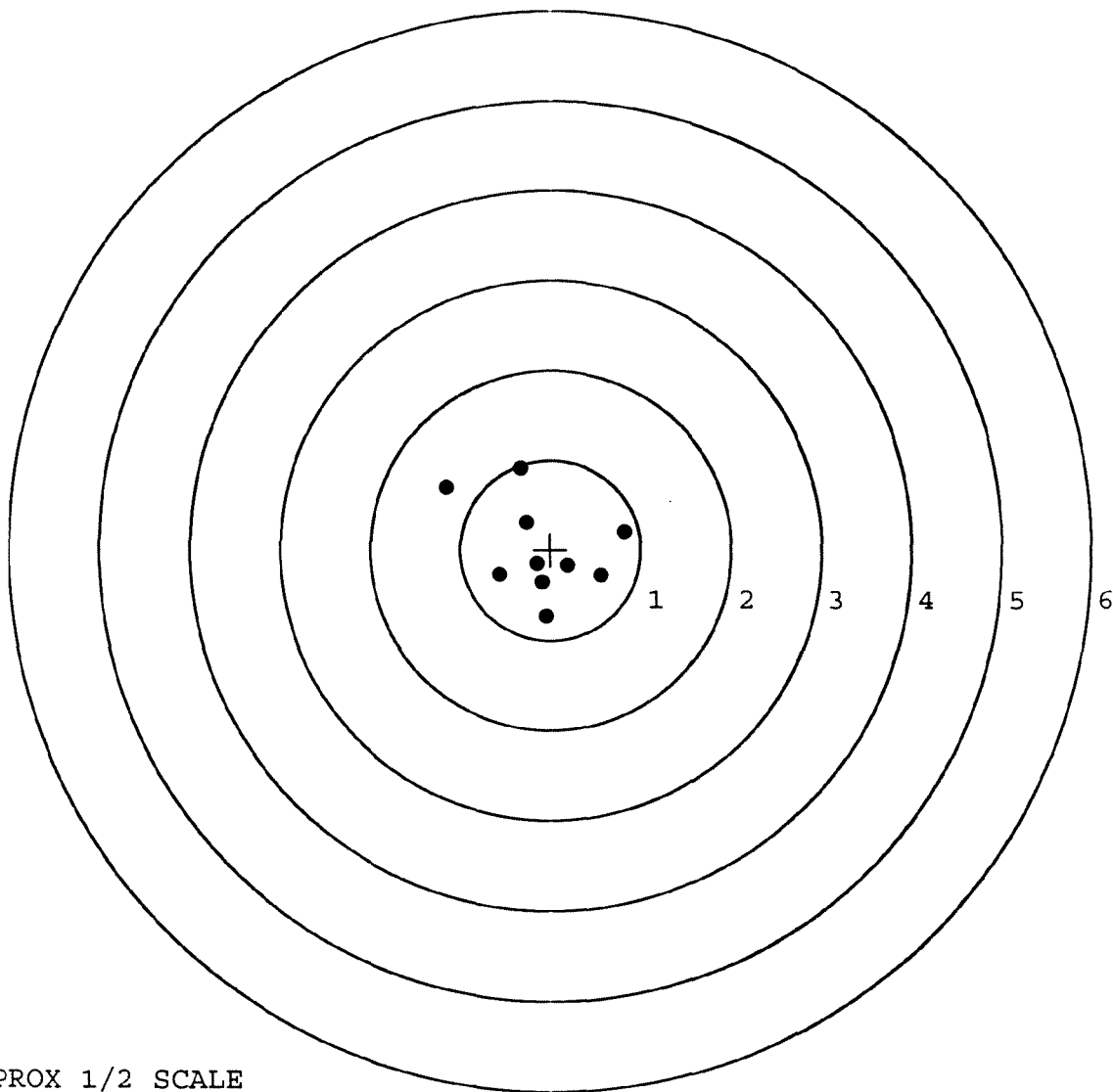
MAX RADIUS: 1.253

MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695404. __0

TARGET NUMBER: 4

FILE DATE: 02/08/2008

FILE TIME: 13:55

POINT#	X	Y
--------	---	---

1:	0.796	0.574
----	-------	-------

2:	1.155	0.131
----	-------	-------

3:	0.722	-0.235
----	-------	--------

4:	0.476	0.163
----	-------	-------

5:	-1.647	0.899
----	--------	-------

6:	-1.069	0.169
----	--------	-------

7:	-0.693	0.201
----	--------	-------

8:	-0.453	-0.150
----	--------	--------

9:	0.055	0.044
----	-------	-------

10:	-0.194	-0.077
-----	--------	--------

X CENTROID: -0.085

Y CENTROID: 0.172

POA TO CENTROID: 0.192

HORZ SPREAD: 2.802

VERT SPREAD: 1.134

GROUP SPREAD: 2.905

MIN RADIUS: 0.190

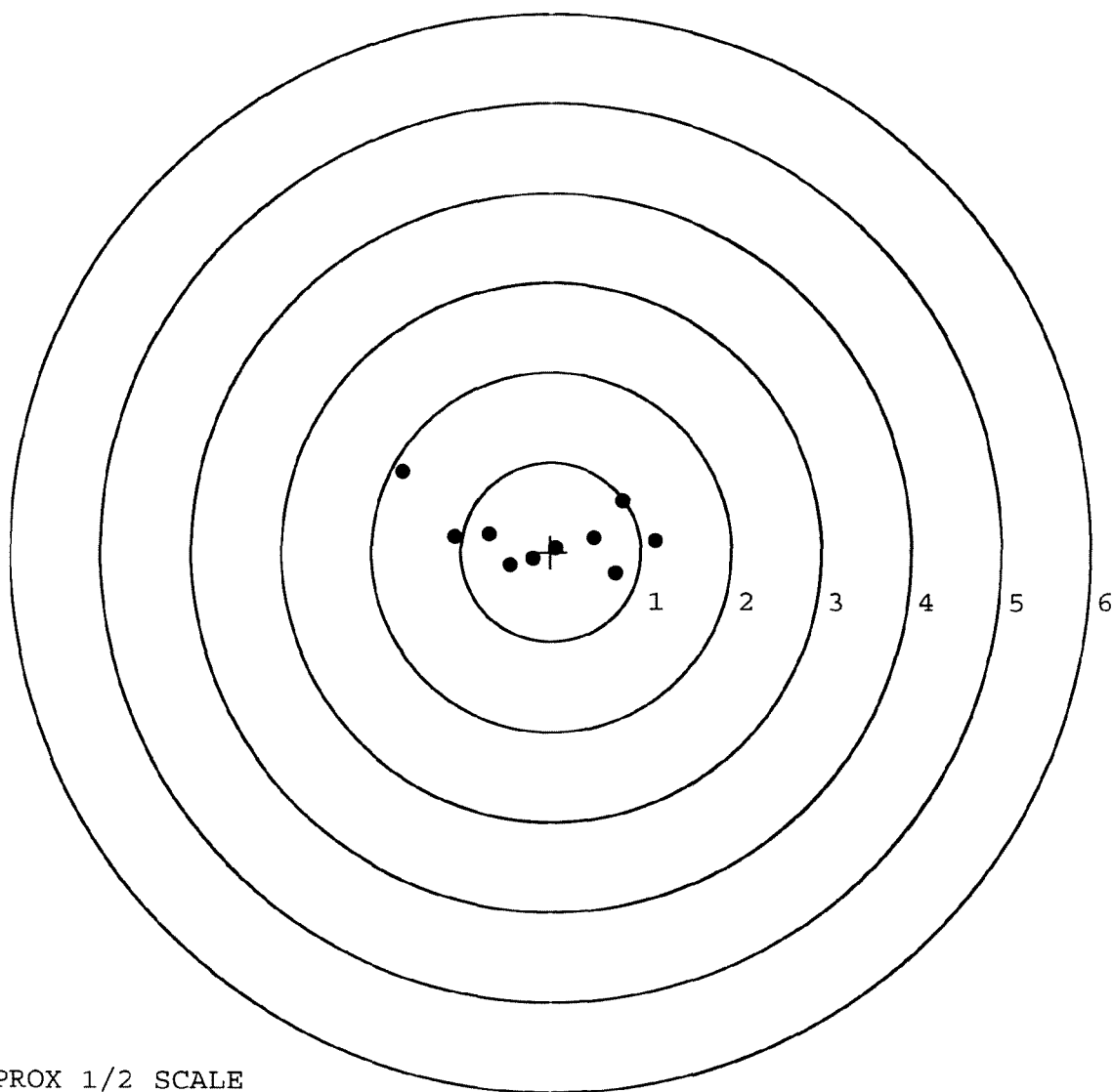
MAX RADIUS: 1.723

MEAN RADIUS: 0.794

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695404. 0

TARGET NUMBER: 5

FILE DATE: 02/08/2008

FILE TIME: 13:55

POINT#	X	Y
1:	0.656	0.974
2:	0.605	0.098
3:	0.482	-0.406
4:	0.748	-0.768
5:	-0.507	-0.639
6:	-0.653	0.209
7:	-0.345	-0.065
8:	-0.152	-0.202
9:	0.192	0.282
10:	-0.038	0.081

X CENTROID: 0.099

Y CENTROID: -0.044

POA TO CENTROID: 0.108

HORZ SPREAD: 1.401

VERT SPREAD: 1.742

GROUP SPREAD: 1.989

MIN RADIUS: 0.185

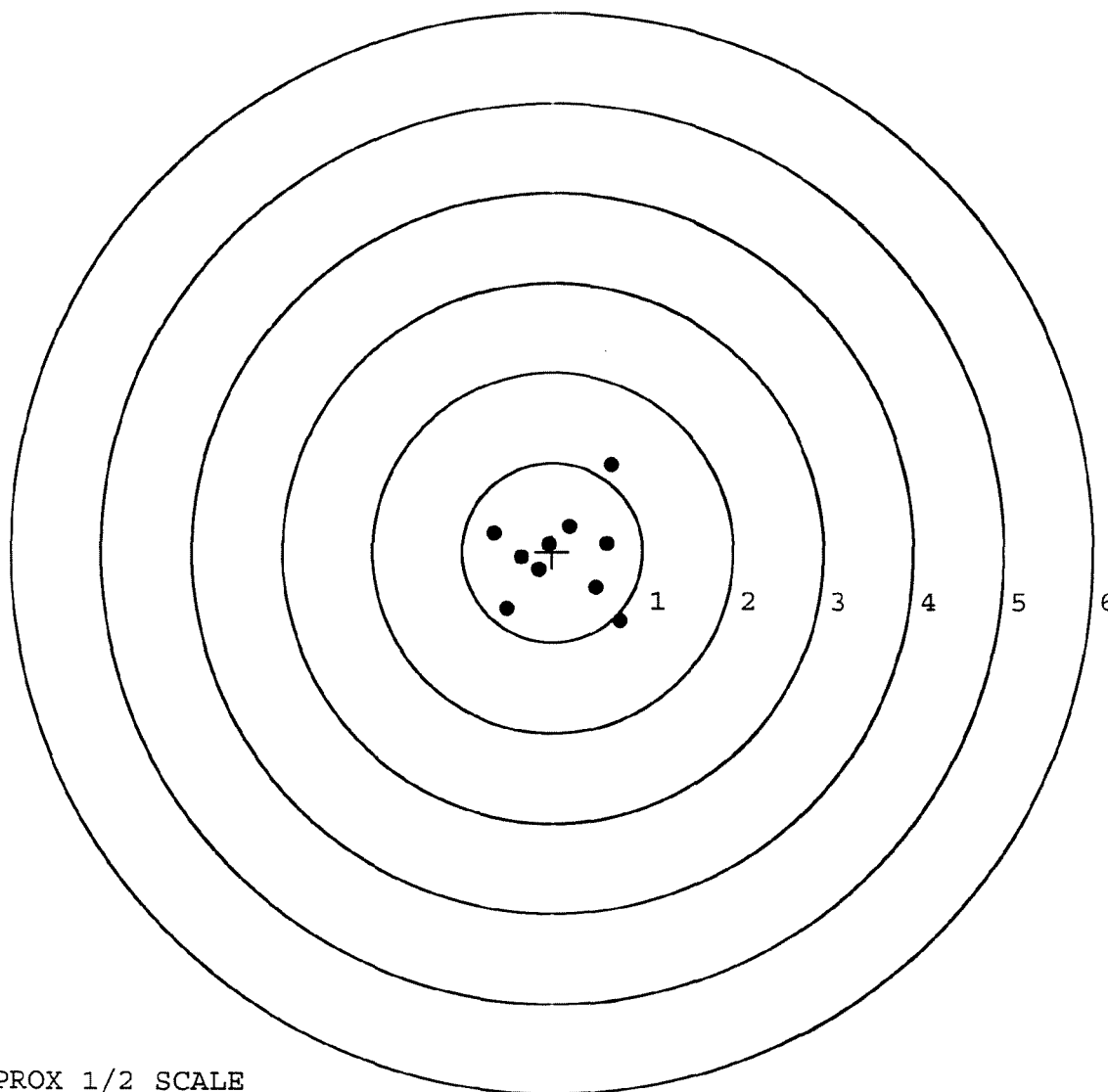
MAX RADIUS: 1.160

MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 4

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 <u>00140419</u>			
SERIAL NUMBER <u>66391096 NEW 66695404</u>			
LOG-IN DATE <u>1-22-08</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-28-08	L.P.D.
505	RE-BARREL	1-28-08	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	2-6-08	L.P.D.
640	FUNCTION TEST AND	<u>PASS</u> FAIL	2-7-08 TRW
650	TARGET	<u>PASS</u> FAIL	2-7-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	2-7-08 RP
670	FINAL INSPECTION		
	A) HEADSPACE	<u>PASS</u> FAIL	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.45 2.39 2.49 2.51 2.42 2.808 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	55 55 55 2.808 DA
	G) SAFETY OFF FORCE	2 LBS MIN	35 35 35 2.808 DA
	I) FIRING PIN INDENT	.020	1.022 1.022 .023 2.808 DA
690	PACK		2-19-08 FM

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools GSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00101656** Serial: G6391096 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/23/2005 2:46:15 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** **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: **N/A**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

GSR 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	Fit and Rear Sgt Base	1

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

start 3 4 2

Serial Number: **G6391096**

Model: **M24 SWS**



RE00101656

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391096.___1
FILE DATE AND TIME: 10/25/2005 17:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	0.168
The Average Point of Impact of the Five Target Set:	0.169
The Average Mean Radius of the Five Target Set:	0.854
The Distance from POA to Centroid Target #1:	0.198
The Distance from Centroid Target #2 to Centroid Target #1:	0.567
The Distance from Centroid Target #3 to Centroid Target #1:	0.489
The Distance from Centroid Target #4 to Centroid Target #1:	0.387
The Distance from Centroid Target #5 to Centroid Target #1:	0.185

SERIAL NUMBER: G6391096. __1

TARGET NUMBER: 1

FILE DATE: 10/25/2005

FILE TIME: 17:09

POINT#	X	Y
1:	0.389	0.028
2:	0.272	0.036
3:	0.181	-0.289
4:	0.271	-0.798
5:	0.059	-0.690
6:	-0.195	-0.611
7:	0.261	0.519
8:	0.080	0.822
9:	0.429	1.004
10:	0.223	-0.164

X CENTROID: 0.197

Y CENTROID: -0.014

POA TO CENTROID: 0.198

HORZ SPREAD: 0.624

VERT SPREAD: 1.802

GROUP SPREAD: 1.809

MIN RADIUS: 0.090

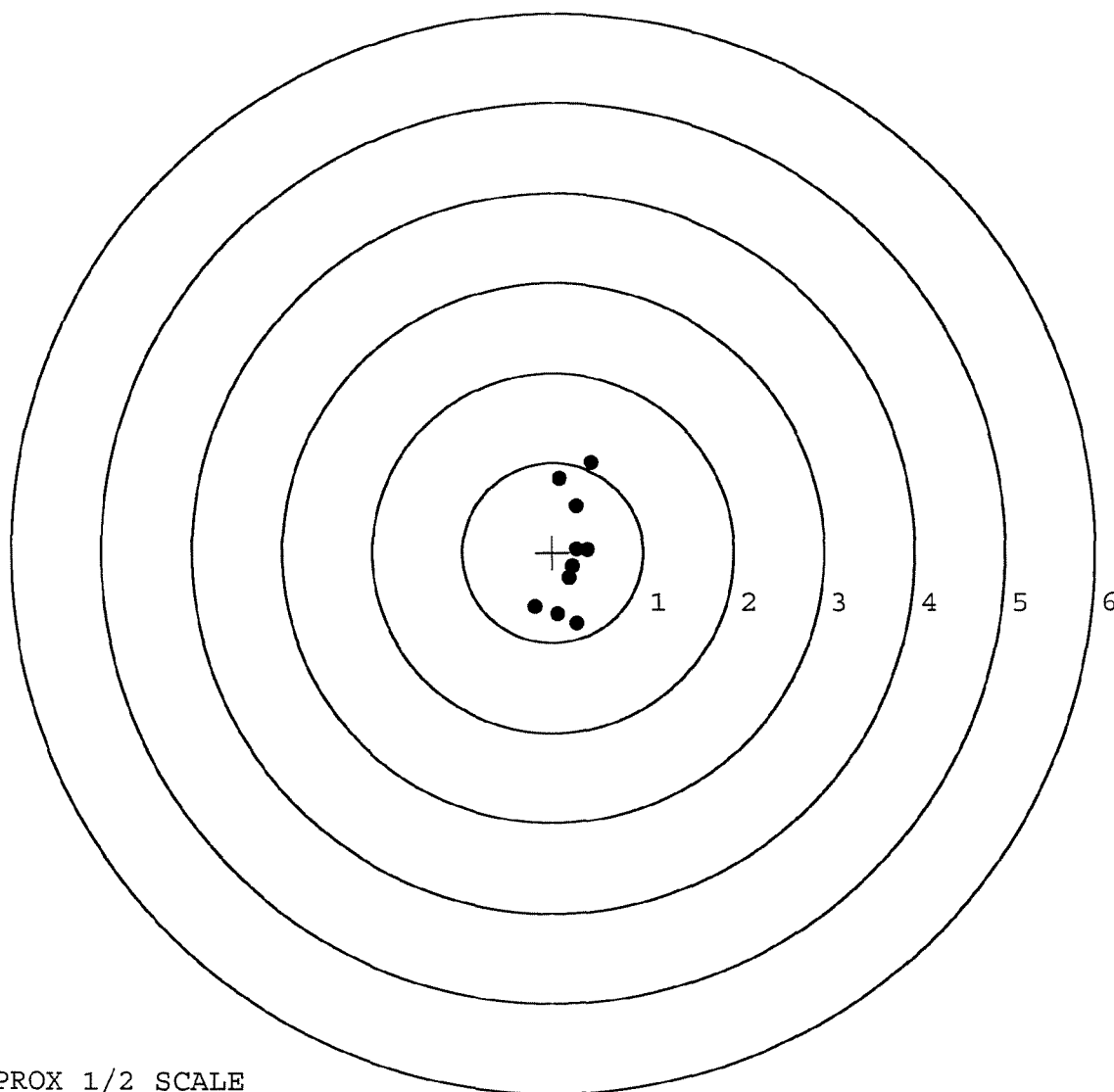
MAX RADIUS: 1.044

MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

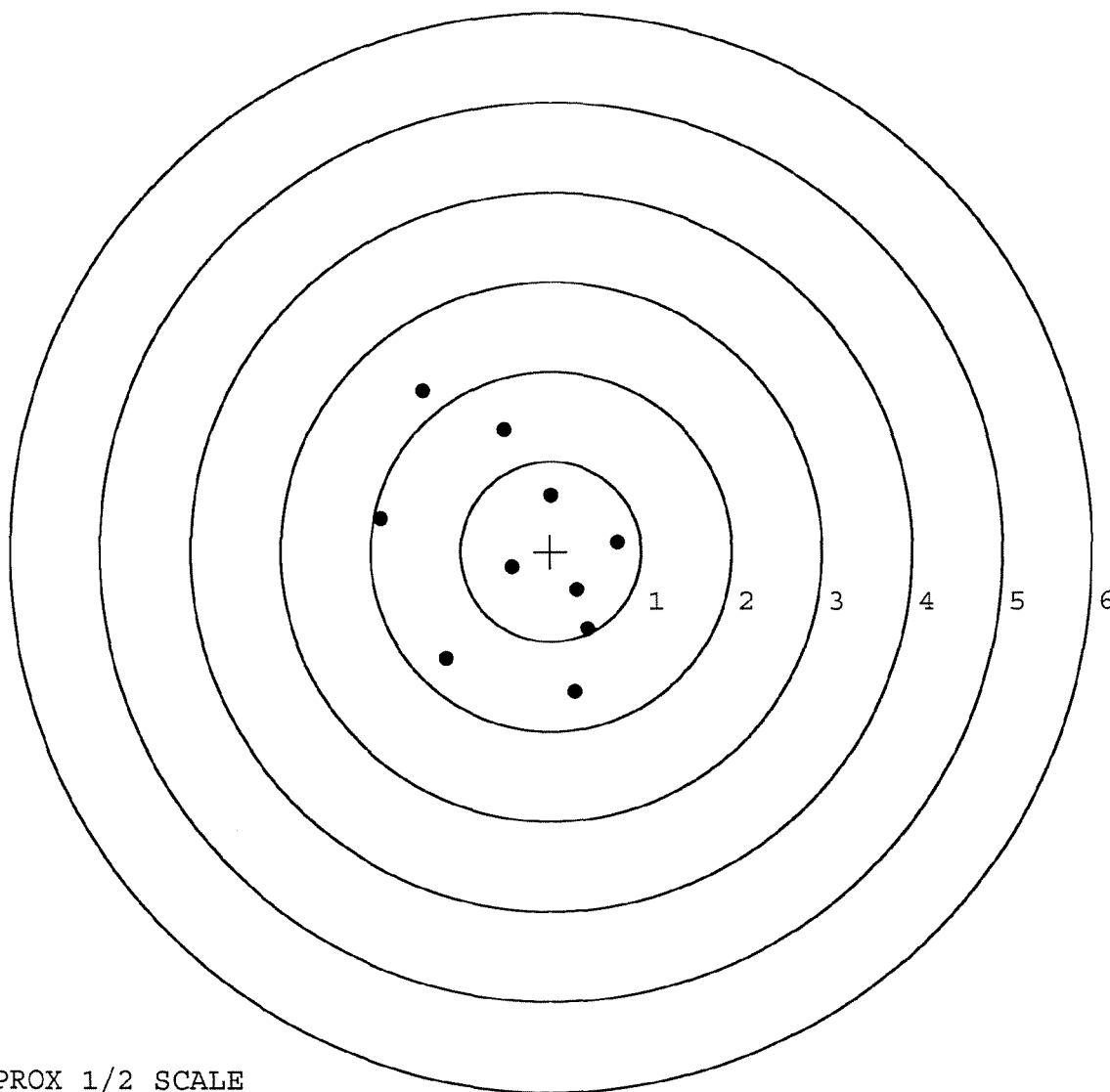


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096.___1
TARGET NUMBER: 2
FILE DATE: 10/25/2005
FILE TIME: 17:09

X CENTROID: -0.370
Y CENTROID: -0.001
POA TO CENTROID: 0.370
HORZ SPREAD: 2.633
VERT SPREAD: 3.352
GROUP SPREAD: 3.753
MIN RADIUS: 0.184
MAX RADIUS: 2.067
MEAN RADIUS: 1.210
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.000	0.624
2:	-0.519	1.351
3:	-1.417	1.781
4:	-1.891	0.368
5:	-1.158	-1.200
6:	0.270	-1.571
7:	0.407	-0.864
8:	0.293	-0.427
9:	-0.427	-0.176
10:	0.742	0.106

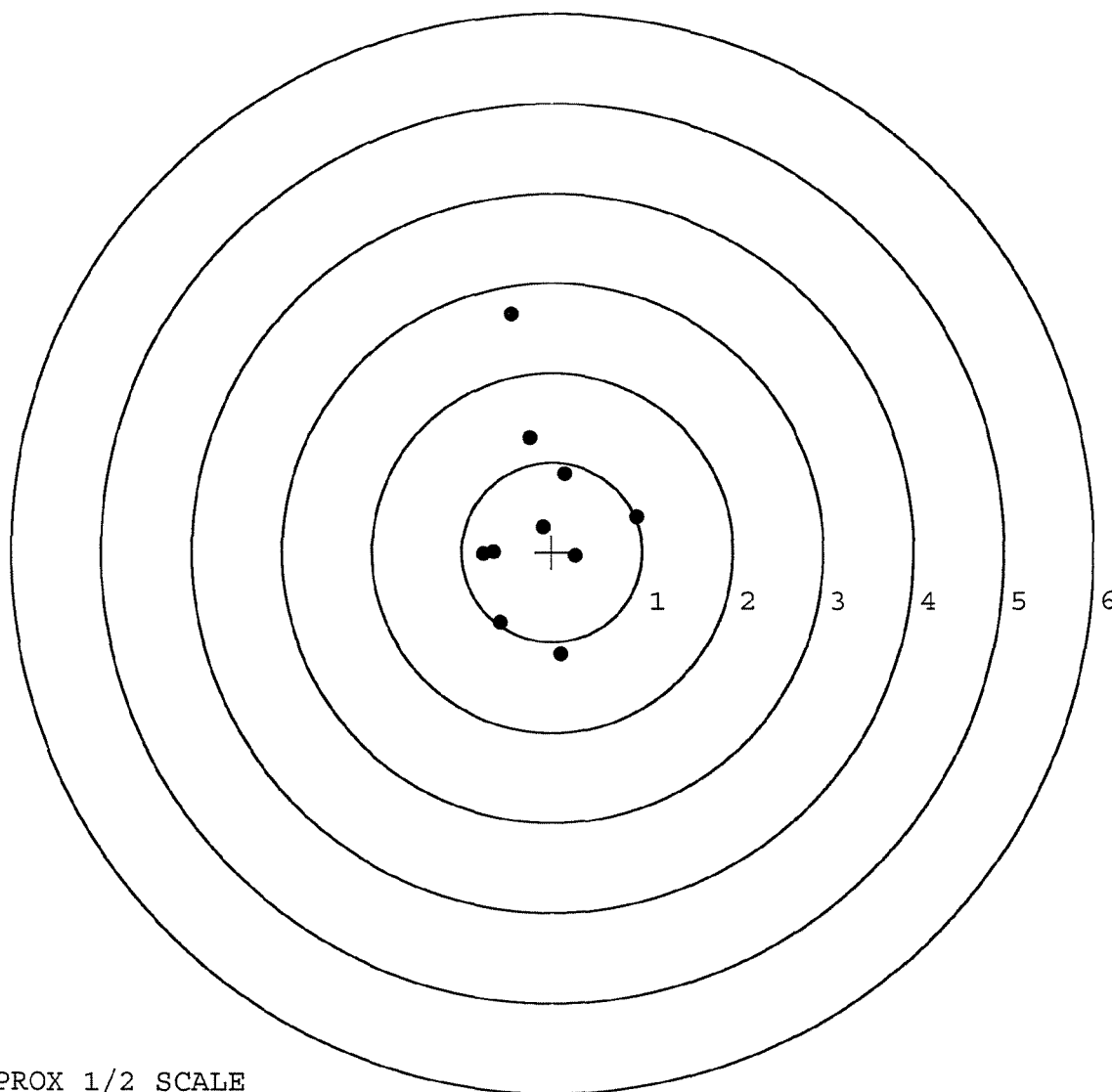


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096.___1
TARGET NUMBER: 3
FILE DATE: 10/25/2005
FILE TIME: 17:09

POINT#	X	Y
1:	-0.106	0.280
2:	0.141	0.870
3:	-0.245	1.278
4:	-0.447	2.652
5:	-0.645	0.001
6:	-0.574	-0.793
7:	0.102	-1.146
8:	0.935	0.387
9:	0.266	-0.048
10:	-0.759	-0.020

X CENTROID: -0.133
Y CENTROID: 0.346
POA TO CENTROID: 0.371
HORZ SPREAD: 1.694
VERT SPREAD: 3.798
GROUP SPREAD: 3.837
MIN RADIUS: 0.071
MAX RADIUS: 2.327
MEAN RADIUS: 0.963
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

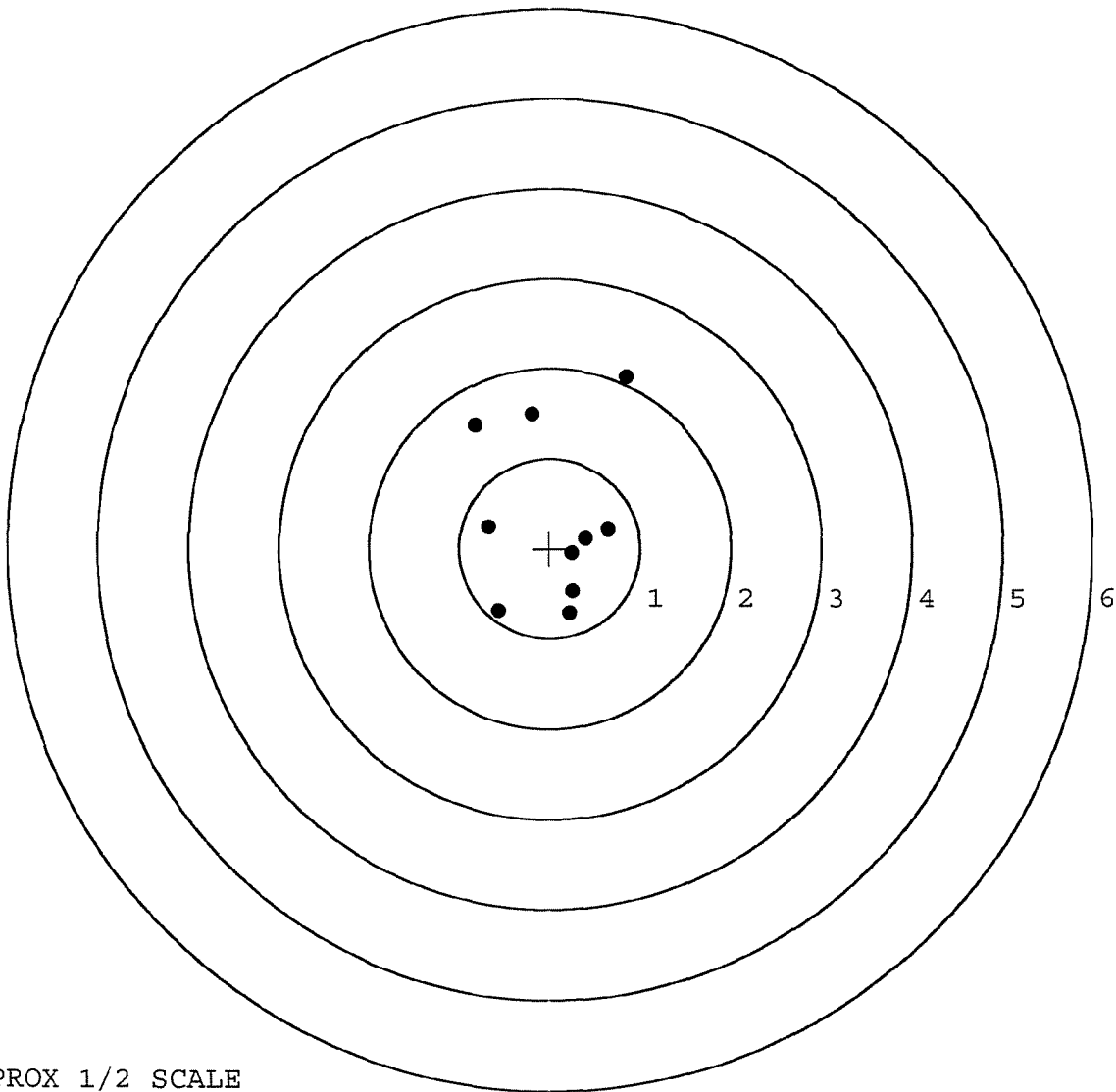


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096. __1
TARGET NUMBER: 4
FILE DATE: 10/25/2005
FILE TIME: 17:09

POINT#	X	Y
1:	0.641	0.219
2:	0.404	0.115
3:	0.250	-0.056
4:	0.259	-0.483
5:	0.226	-0.726
6:	-0.572	-0.694
7:	-0.675	0.244
8:	-0.822	1.367
9:	-0.198	1.489
10:	0.848	1.905

X CENTROID: 0.036
Y CENTROID: 0.338
POA TO CENTROID: 0.340
HORZ SPREAD: 1.670
VERT SPREAD: 2.631
GROUP SPREAD: 2.962
MIN RADIUS: 0.430
MAX RADIUS: 1.765
MEAN RADIUS: 0.962
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096. __1

TARGET NUMBER: 5

FILE DATE: 10/25/2005

FILE TIME: 17:09

POINT#	X	Y
1:	0.035	0.039
2:	0.708	0.136
3:	0.602	0.380
4:	0.299	0.570
5:	0.148	0.796
6:	-0.097	0.795
7:	-0.461	0.229
8:	0.391	-0.011
9:	-0.789	-0.653
10:	0.534	-0.777
11:	0.621	0.371

X CENTROID: 0.181

Y CENTROID: 0.170

POA TO CENTROID: 0.249

HORZ SPREAD: 1.497

VERT SPREAD: 1.573

GROUP SPREAD: 1.743

MIN RADIUS: 0.196

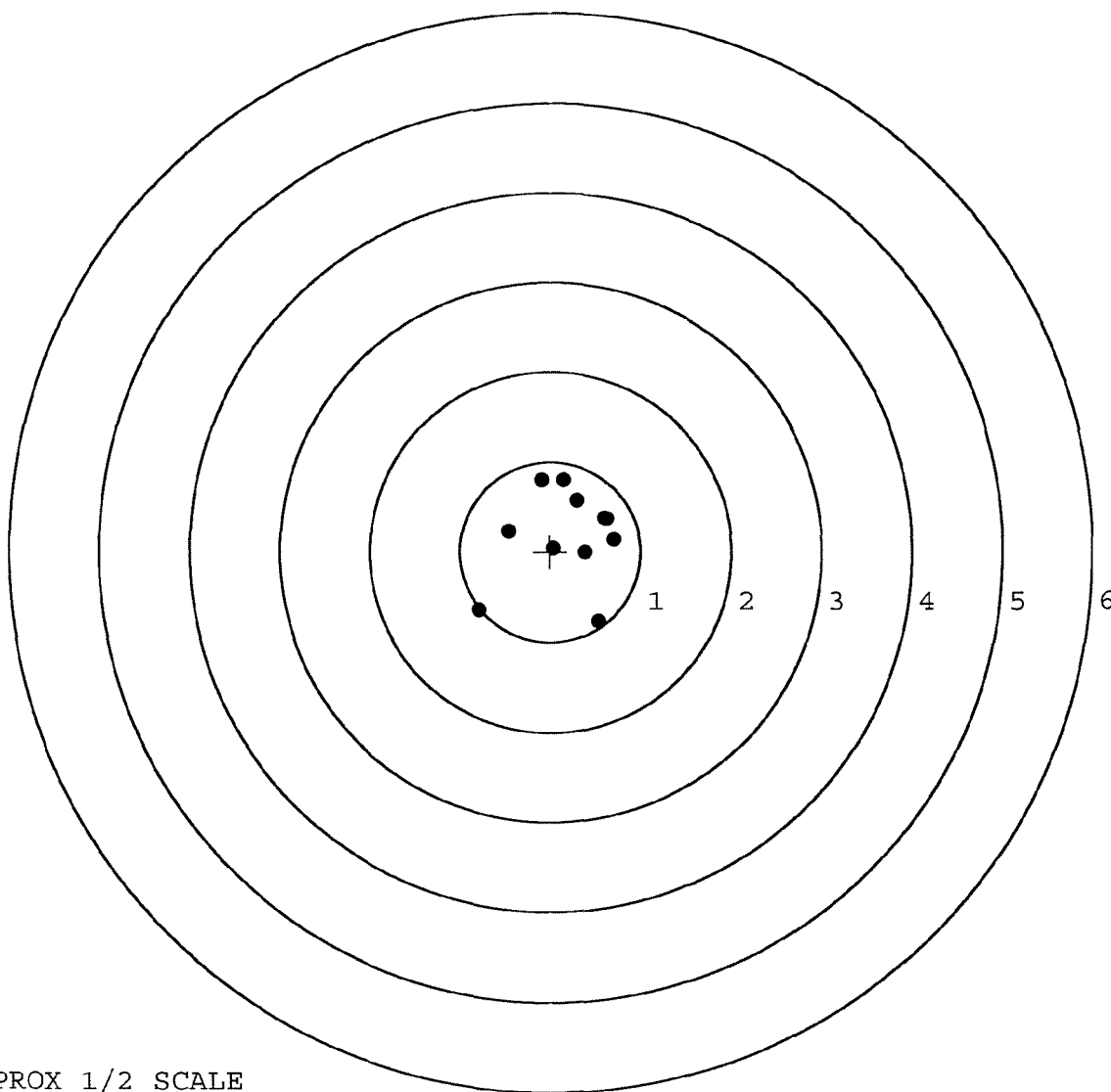
MAX RADIUS: 1.272

MEAN RADIUS: 0.601

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 11



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	101656		
SERIAL NUMBER	G6391096		
LOG-IN DATE	9-28-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-05	RTL
560 A	RE-BARREL	9-28-05	RTL
B	DRILL AND TAP	10-4-05	BR
575	ASSEMBLE	9-28-05	RTL
600	PROOF MAGNA-FLUX INSPECTED	10-3-05	RTL
605	CHECK HEADSPACE	10-3-05	RTL
610	DIS-ASSEMBLE GUN	10-3-05	RTL
612	MAGNAFLUX OPERATOR <i>check</i>	10-14-05	<i>check</i>
615	ROLLMARK CALIBER	10-7-05	CW
618	ROTO-BLAST	10-6-05	LB
620	APPLY COATINGS	10/25/05	LB
625 A	FINAL ASSEMBLY	10-25-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	10-27-05	BC
D	SAFETY "OFF" FORCE	10-27-05	BC
E	FIRING PIN INDENT	10-27-05	BC
640	TARGET	10/25/05	MCI
655	FINAL INSPECT	10/27/05	BC
660	PACK	10/28/05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

DA FORM 2407, JUL 94

NMP COPY 2

G1639 1096 (New)

Serial Number: ~~E6413465~~

Model: M24 SWS



RE00083422

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

7-16-04

TESTER

TRL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.35		2.18	
PULL #2	2.29	2.65		2.14	
PULL #3	2.70	2.64		2.01	
PULL #4	2.75	2.71		2.18	
PULL #5	2.47	2.72		2.58	
TOTAL	12.80	13.07		11.09	
AVERAGE	2.56	2.61		2.21	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.46		
PULL #2	3.35	3.35		
PULL #3	3.35	3.20		
PULL #4	3.38	3.07		
PULL #5	3.26	3.13		
TOTAL	16.70	16.21		
AVERAGE	3.34	3.24		

	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	4.08	3.97		4.49
PULL #2	4.14	4.28		4.63
PULL #3	4.00	4.22		4.56
PULL #4	4.41	4.24		4.71
PULL #5	4.38	3.91		4.66
TOTAL	21.01	20.62		23.05
AVERAGE	4.20	4.12		4.61

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6391096.___0
FILE DATE AND TIME: 08/25/2004 08:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	-0.056
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.714
The Distance from POA to Centroid Target #1:	0.108
The Distance from Centroid Target #2 to Centroid Target #1:	0.255
The Distance from Centroid Target #3 to Centroid Target #1:	0.188
The Distance from Centroid Target #4 to Centroid Target #1:	0.193
The Distance from Centroid Target #5 to Centroid Target #1:	0.195

SERIAL NUMBER: G6391096. __0

TARGET NUMBER: 1

FILE DATE: 08/25/2004

FILE TIME: 08:01

POINT#	X	Y
1:	1.143	-0.288
2:	1.521	0.712
3:	0.365	-0.447
4:	0.360	-0.125
5:	-0.106	-1.067
6:	-0.723	-0.386
7:	-0.928	0.034
8:	-0.249	0.805
9:	-0.289	1.177
10:	-1.452	0.604

X CENTROID: -0.036

Y CENTROID: 0.102

POA TO CENTROID: 0.108

HORZ SPREAD: 2.973

VERT SPREAD: 2.244

GROUP SPREAD: 2.975

MIN RADIUS: 0.456

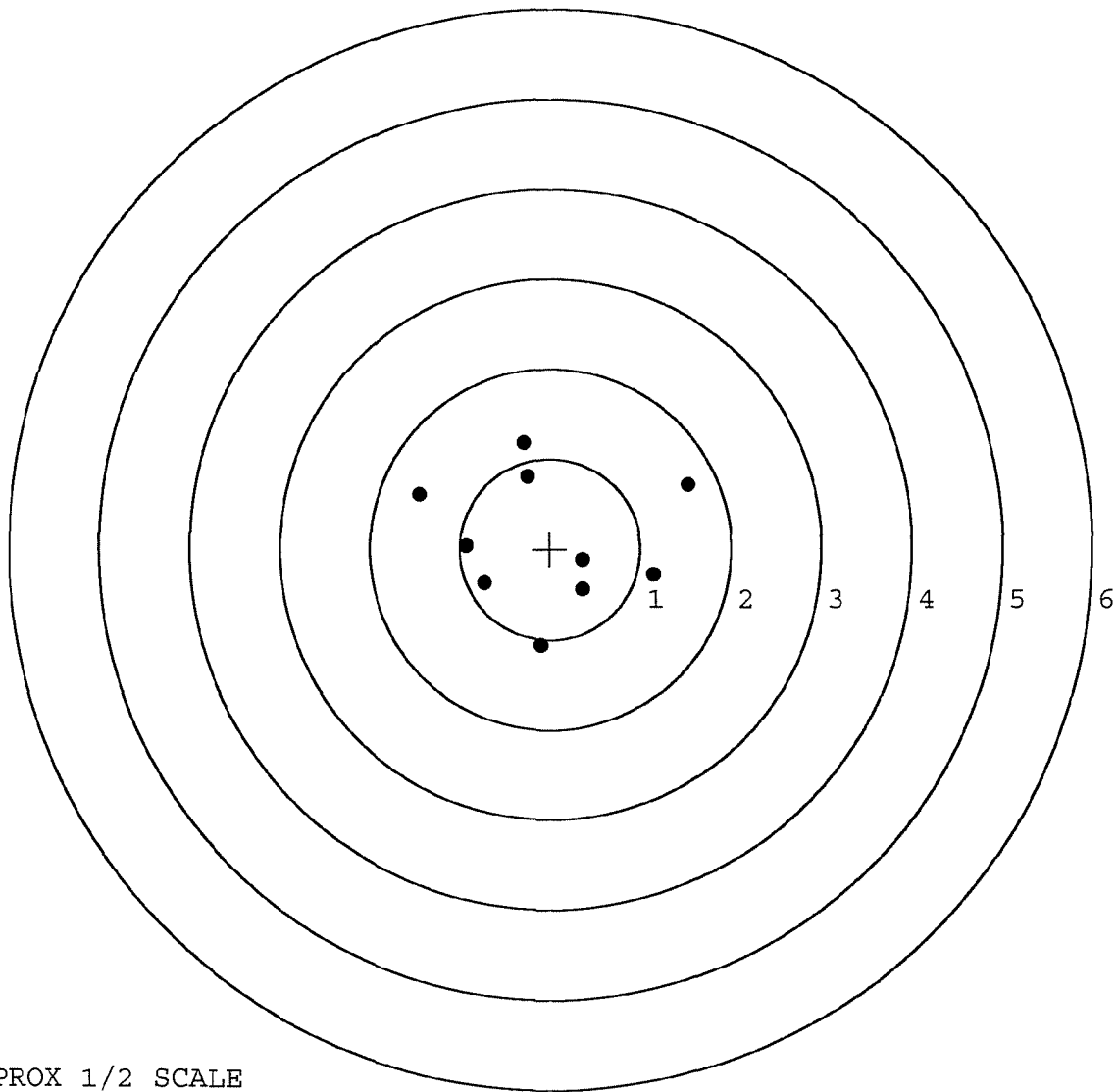
MAX RADIUS: 1.672

MEAN RADIUS: 1.030

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

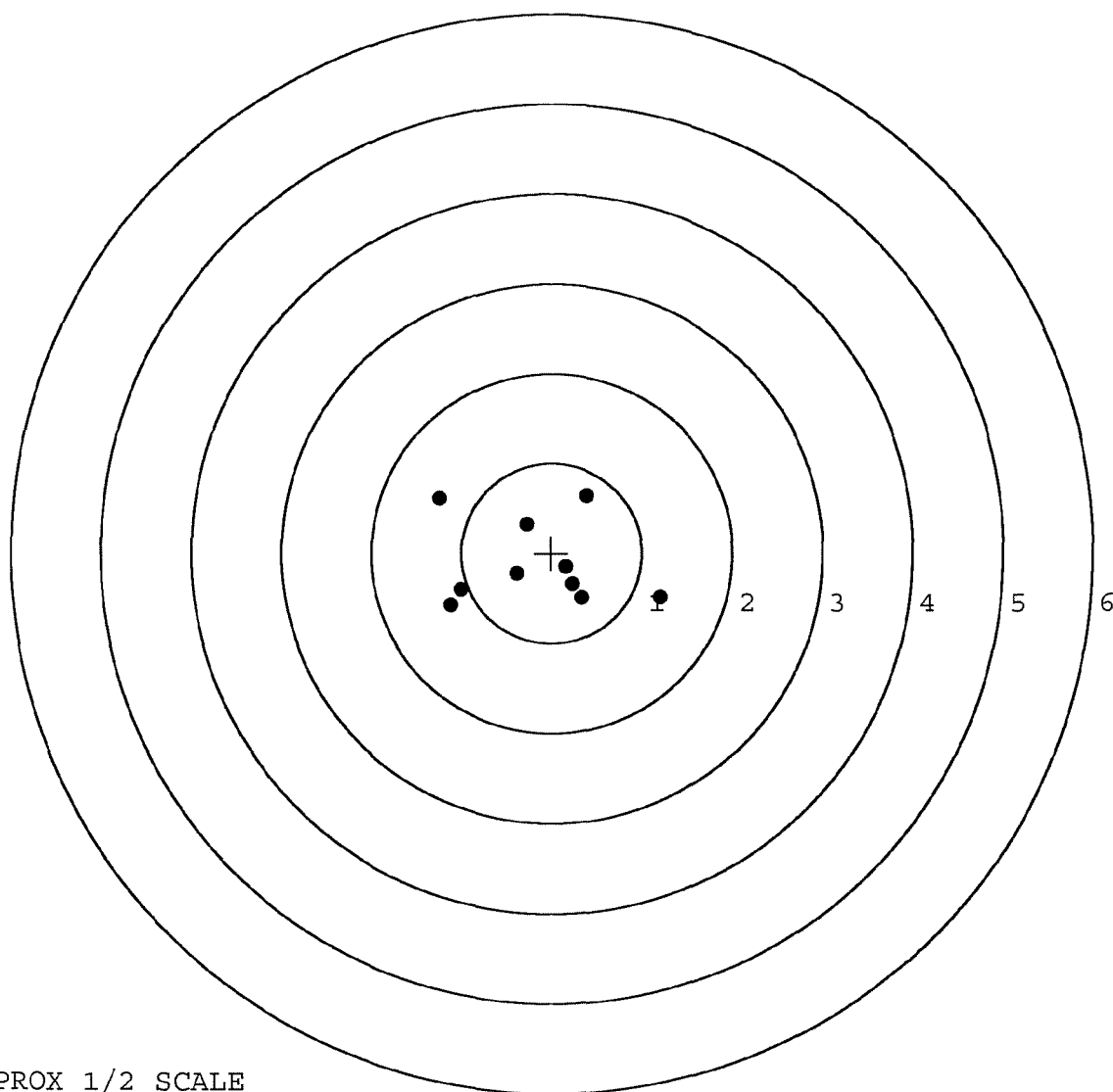


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096.___0
TARGET NUMBER: 2
FILE DATE: 08/25/2004
FILE TIME: 08:01

X CENTROID: -0.169
Y CENTROID: -0.115
POA TO CENTROID: 0.205
HORZ SPREAD: 2.444
VERT SPREAD: 1.232
GROUP SPREAD: 2.683
MIN RADIUS: 0.241
MAX RADIUS: 1.423
MEAN RADIUS: 0.774
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.202	-0.496
2:	0.334	-0.506
3:	0.166	-0.159
4:	-0.381	-0.230
5:	-1.117	-0.586
6:	-1.002	-0.407
7:	-1.242	0.610
8:	-0.276	0.323
9:	0.387	0.646
10:	0.239	-0.350

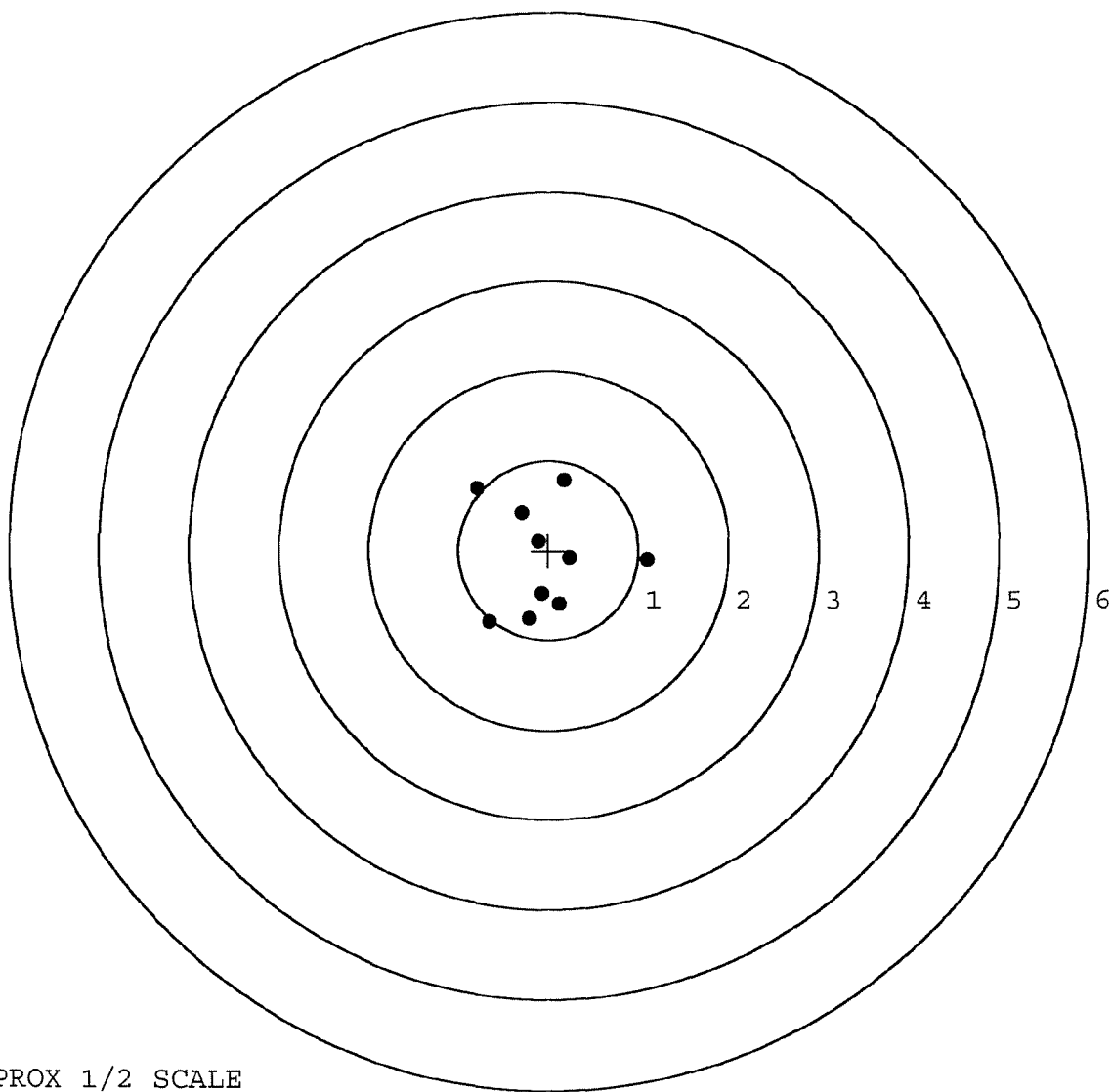


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096.___0
TARGET NUMBER: 3
FILE DATE: 08/25/2004
FILE TIME: 08:01

POINT#	X	Y
1:	1.095	-0.105
2:	-0.656	-0.802
3:	-0.218	-0.773
4:	0.124	-0.605
5:	-0.078	-0.487
6:	0.239	-0.082
7:	-0.109	0.105
8:	-0.296	0.420
9:	0.175	0.784
10:	-0.788	0.695

X CENTROID: -0.051
Y CENTROID: -0.085
POA TO CENTROID: 0.099
HORZ SPREAD: 1.883
VERT SPREAD: 1.586
GROUP SPREAD: 2.046
MIN RADIUS: 0.199
MAX RADIUS: 1.146
MEAN RADIUS: 0.676
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

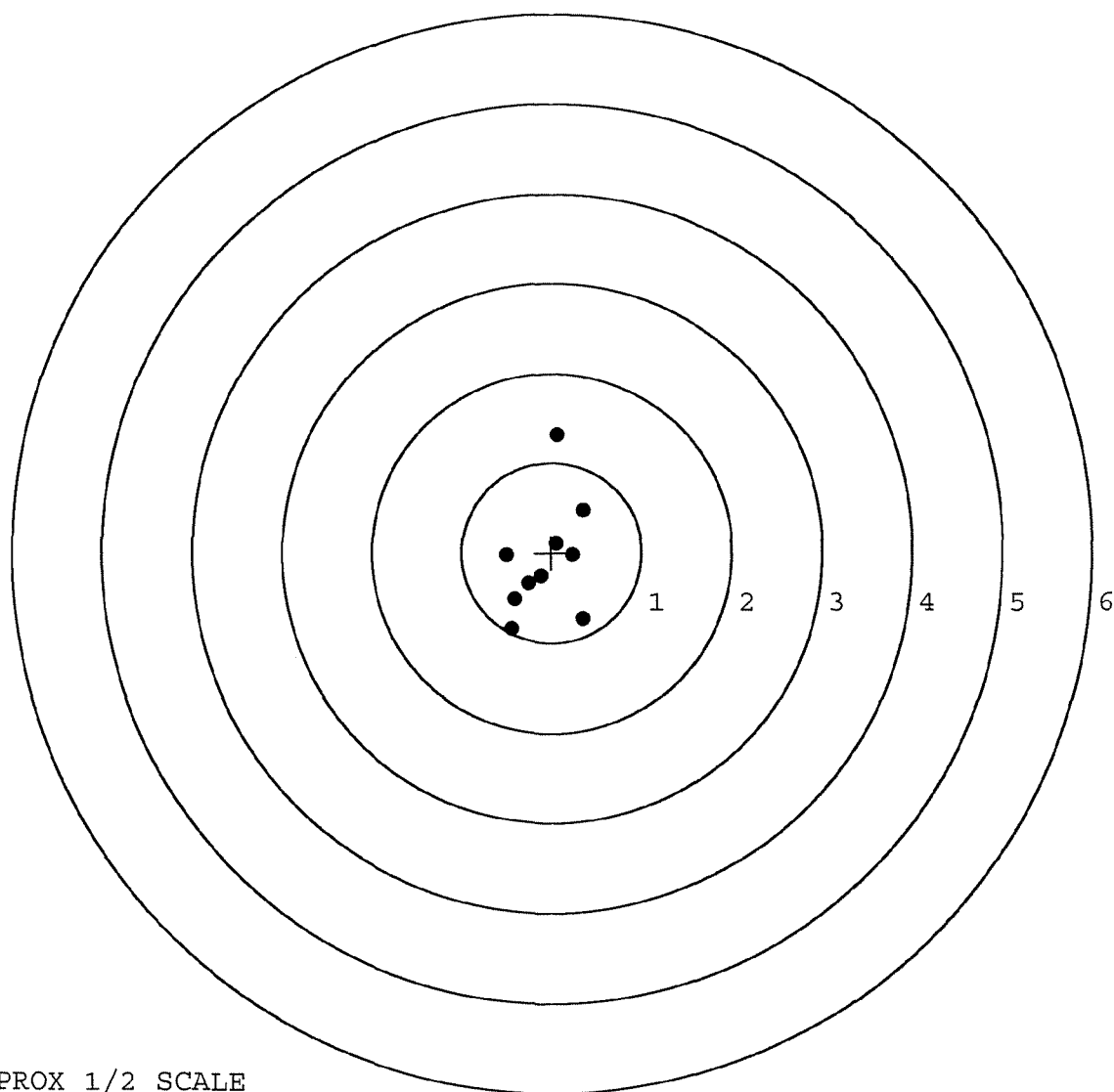


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096.___0
TARGET NUMBER: 4
FILE DATE: 08/25/2004
FILE TIME: 08:01

POINT#	X	Y
1:	0.348	-0.734
2:	0.347	0.467
3:	0.062	1.319
4:	0.057	0.104
5:	0.235	-0.028
6:	-0.500	-0.034
7:	-0.117	-0.263
8:	-0.257	-0.344
9:	-0.409	-0.525
10:	-0.443	-0.850

X CENTROID: -0.068
Y CENTROID: -0.089
POA TO CENTROID: 0.112
HORZ SPREAD: 0.848
VERT SPREAD: 2.169
GROUP SPREAD: 2.227
MIN RADIUS: 0.181
MAX RADIUS: 1.414
MEAN RADIUS: 0.575
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

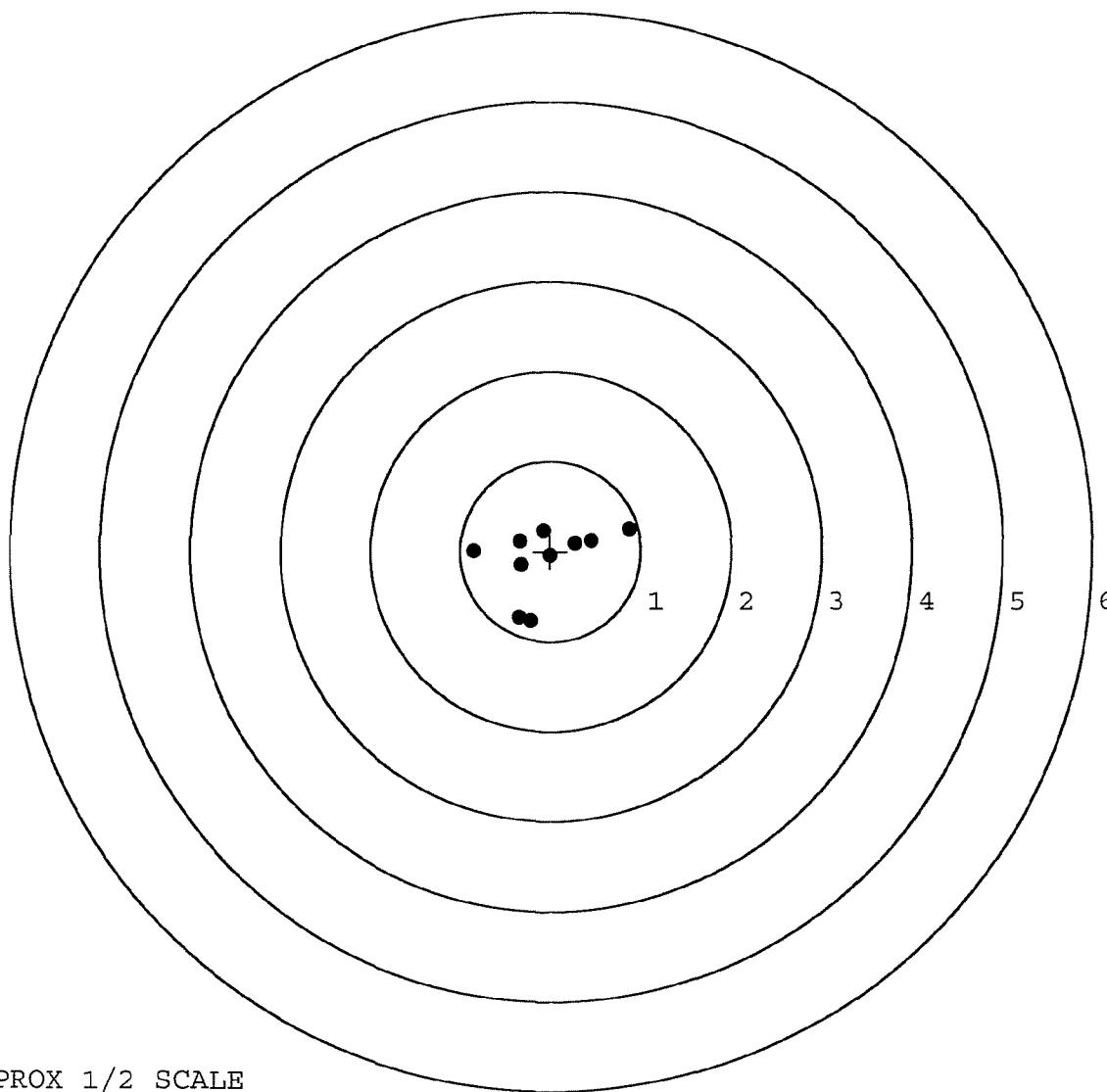


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6391096.___0
TARGET NUMBER: 5
FILE DATE: 08/25/2004
FILE TIME: 08:01

POINT#	X	Y
1:	0.867	0.245
2:	0.456	0.118
3:	0.276	0.092
4:	-0.225	-0.774
5:	-0.347	-0.739
6:	-0.323	-0.159
7:	-0.075	0.233
8:	-0.339	0.107
9:	-0.847	0.003
10:	-0.001	-0.051

X CENTROID: -0.056
Y CENTROID: -0.093
POA TO CENTROID: 0.108
HORZ SPREAD: 1.714
VERT SPREAD: 1.019
GROUP SPREAD: 1.731
MIN RADIUS: 0.069
MAX RADIUS: 0.983
MEAN RADIUS: 0.514
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	83422		
SERIAL NUMBER	6413465 G639 1096 (Nm)		
LOG-IN DATE	8-3-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-04	RTL
560 A	RE-BARREL	8-9-04	RTL
B	DRILL AND TAP	8-9-04	TRW
575	ASSEMBLE MAGNA-FLUX	8-10-04	RTL
600	PROOF INSPECTED	8-10-04	RTL
605	CHECK HEADSPACE 1 2004	8-10-04	RTL
610	DIS-ASSEMBLE GUN	8-10-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8/11/04	AB
618	ROTO-BLAST	8/12/04	DG
620	APPLY COATINGS	8/12	HP
625 A	FINAL ASSEMBLY	8-18-04	RL
B	TRIGGER PULL TEST	8-27-04	
C	SAFETY "ON" FORCE	8-22-04	
D	SAFETY "OFF" FORCE	8-27-04	
E	FIRING PIN INDENT		
640	TARGET	8-25-04	AC
655	FINAL INSPECT	8-27-04	RTL
660	PACK	9-24-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Stock Cracked

NEW STK

5-15-91

Remington[®] **DU PONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

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

SERIAL NO. C6594635

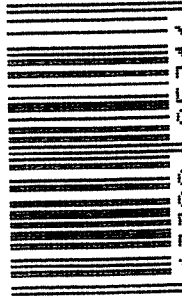
ORDER NO. 5716

20



5716 C6594635

UPC



0 47700 25716 7

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools ESR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00028676** Serial: C6594635 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/18/01 12:53:37 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: DFEL STORAGE SECTION DFEL STORAGE SECTION

Address 1: BLDG 490 BLDG 490

Address 2: PO Box: 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

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
4007	With Stud	1
4008	With Swivel	1
4010	Hard Case	1
4026	Scope	1

Repair Search Refresh Close

page: 6/18/01 2:27 PM CAPS NUM INS SCAL

Start Inbo Arm Mic Ama Part Free Lab SAP 2:27 PM

Serial Number:

C6594635

Model: **700**



RE00028676

E6413465

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413465
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2622
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1262
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .29099

THE AMR FOR THIS RIFLE IS: .9352

CENTROIDAL DISTANCES

0	TO	1	.174413
1	TO	2	.0989545
1	TO	3	.396718
1	TO	4	.174
1	TO	5	.196023

3^g 12+ <----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .175

MIN RADIUS : .321

MEAN RADIUS : .736

MAX RADIUS : 1.327

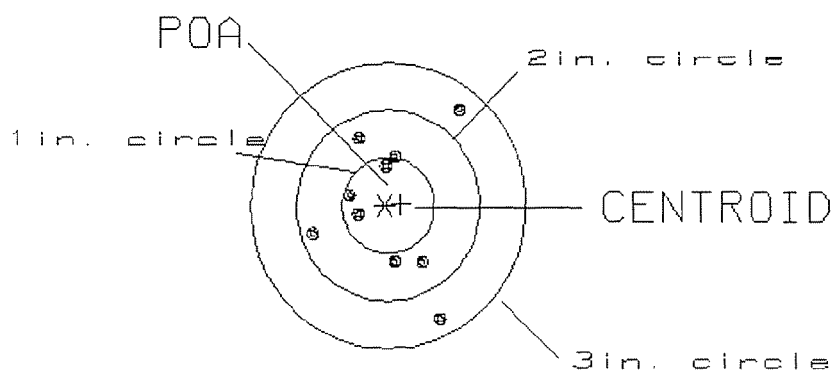
CENTROID X : -.174

CENTROID Y : -.012

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.65

3

VS= 2.22

6

GS= 2.23

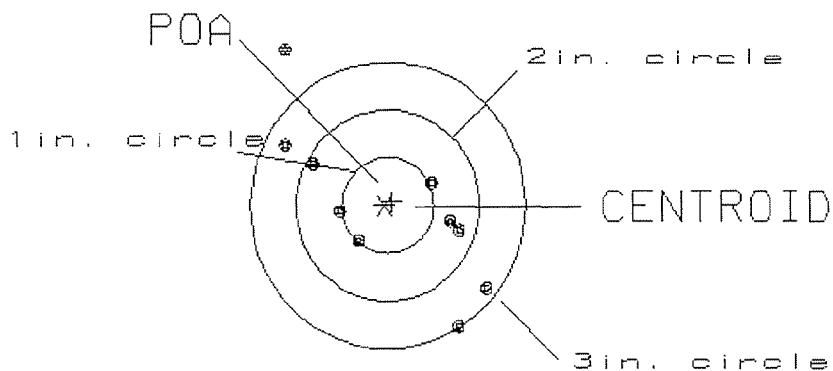
10

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .086
 MIN RADIUS : .457
 MEAN RADIUS : .990
 MAX RADIUS : 1.934
 CENTROID X : -.078
 CENTROID Y : -.036

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.19

2

VS= 2.81

6

GS= 3.40

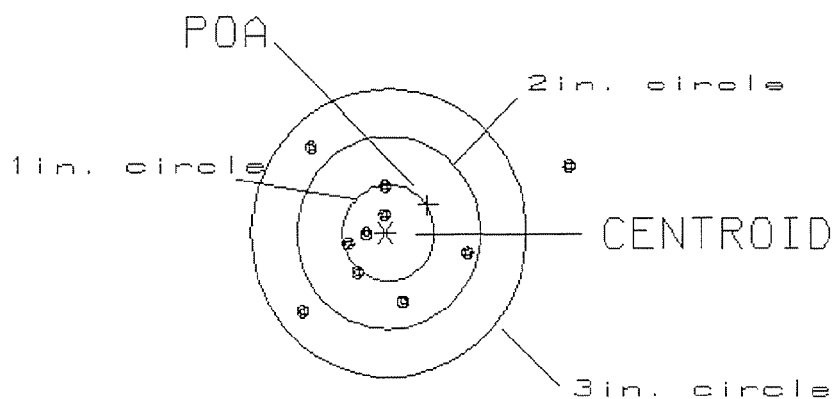
9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .542
 MIN RADIUS : .175
 MEAN RADIUS : .806
 MAX RADIUS : 2.035
 CENTROID X : -.458
 CENTROID Y : -.289

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.87

4

VS= 1.67

7

GS= 3.24

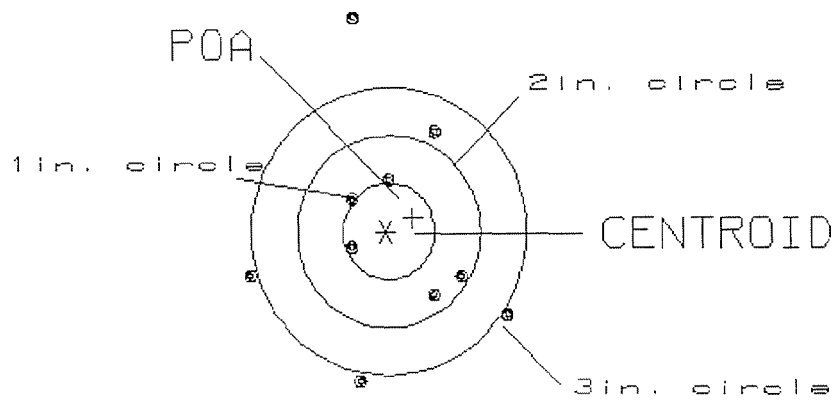
9

PATTERN #: 4
 POA TO CENTROID: .324
 MIN RADIUS : .418
 MEAN RADIUS : 1.129
 MAX RADIUS : 2.312
 CENTROID X : -.294
 CENTROID Y : -.138

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.73
 VS= 3.84
 GS= 3.84

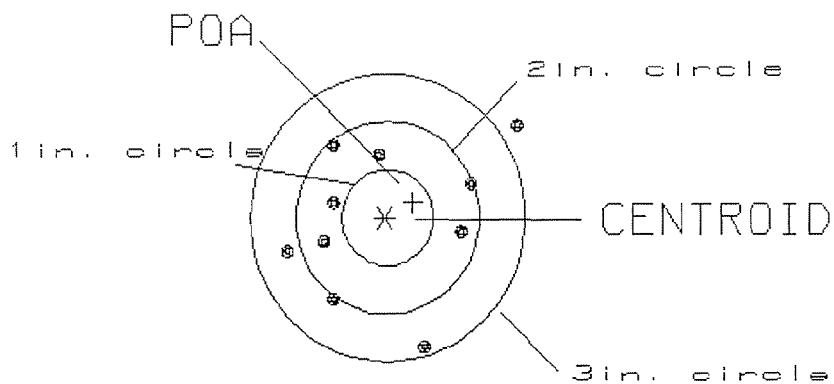
1
 5
 6

PATTERN #: 5
 POA TO CENTROID: .344
 MIN RADIUS : .572
 MEAN RADIUS : 1.015
 MAX RADIUS : 1.740
 CENTROID X : -.307
 CENTROID Y : -.156

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.49

0

VS= 2.34

5

GS= 2.80

9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413465
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.403
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415659

THE AMR FOR THIS RIFLE IS: 1.277

CENTROIDAL DISTANCES

0	TO	1	.601141
1	TO	2	.310743
1	TO	3	.307148
1	TO	4	.432834
1	TO	5	.534805

1
2 4 + <----POA
5

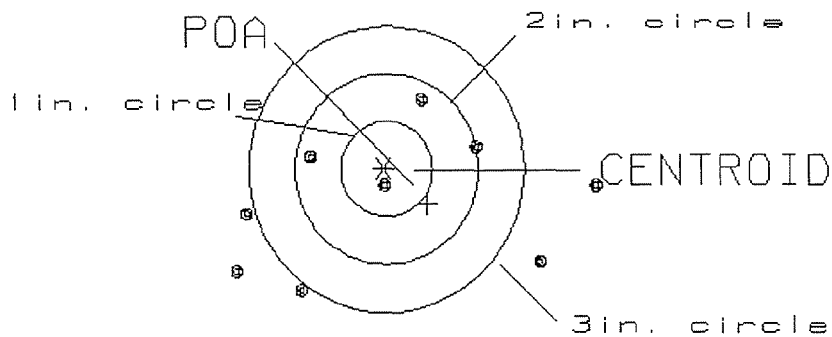
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .601
 MIN RADIUS : .174
 MEAN RADIUS : 1.518
 MAX RADIUS : 3.024
 CENTROID X : -.473
 CENTROID Y : .371

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.90
 VS= 4.30
 GS= 4.46

1
 4
 4

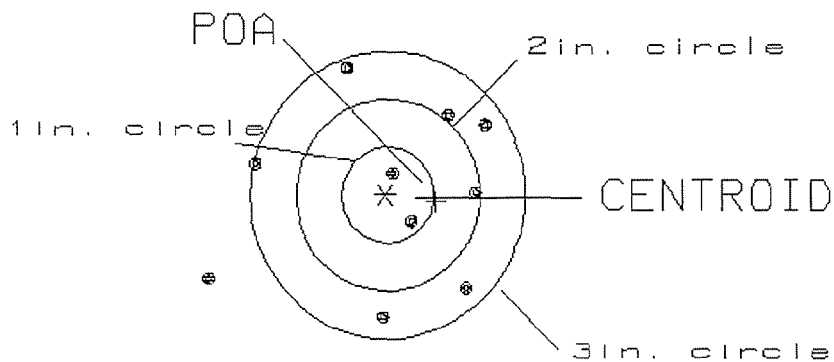
PATTERN #: 2

POA TO CENTROID: .559
 MIN RADIUS : .273
 MEAN RADIUS : 1.144
 MAX RADIUS : 2.106
 CENTROID X : -.554
 CENTROID Y : .071

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.97

2

VS= 2.60

3

GS= 3.36

9

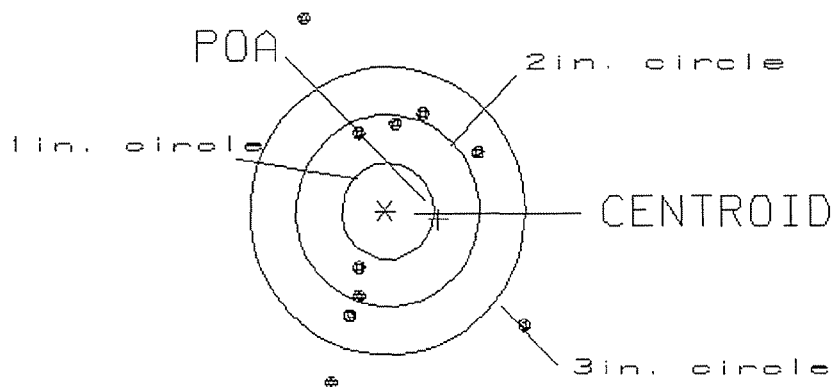
PATTERN #: 3

POA TO CENTROID: .591
 MIN RADIUS : .689
 MEAN RADIUS : 1.277
 MAX RADIUS : 2.244
 CENTROID X : -.585
 CENTROID Y : .085

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.38

0

VS= 3.80

4

GS= 3.98

7

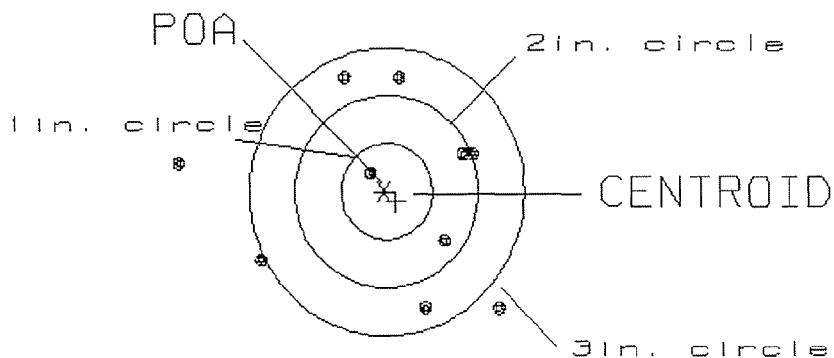
PATTERN #: 4

POA TO CENTROID: .168
 MIN RADIUS : .253
 MEAN RADIUS : 1.234
 MAX RADIUS : 2.330
 CENTROID X : -.130
 CENTROID Y : .107

11 Jul 2001

FILE: H:\basic\Accuracy\Patterning\Centerfire_Patt\eb413465

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.58
 VS= 2.38
 GS= 3.88

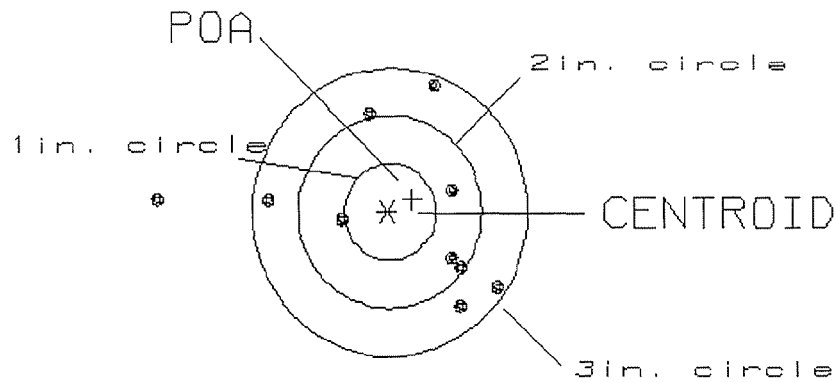
1
 3
 7

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .300
 MIN RADIUS : .501
 MEAN RADIUS : 1.213
 MAX RADIUS : 2.512
 CENTROID X : -.273
 CENTROID Y : -.125

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413465

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.68

0

VS= 2.38

3

GS= 3.78

9

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C 6594635**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/26/90	K.S.
600	Proof		12/26/90	K.S.
607	Check Headspace		12/26/90	K.S.
610	Dis-assemble Gun		12/26/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	GLS
617	Drill and Tap Sight Holes	1	10 91	FVB
618	Polish Barrel	1	10 91	W/B
620	Apply Coatings (Barrel Action)		1-26-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/24/91	K.S.
	D) Oil Firing Pin Ass'y		4/24/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/91	SH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/29/91	JL
	G) Safety Off Force	3	3	3			4/29/91	JL
	H) Trigger Pull Test & Retainability						4/29/91	JL
	I) Firing Pin Indent	.022	.022	.022			4/29/91	JL
	J) Assemble Stock						5/2/91	KS
	K) Assemble Swivel Studs						5-18-91	KS
	L) Attach Front and Rear Sight Assemblies						5/2/91	KS
	M) Iron Sight Alignment						5/2/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/2/91	KS
	O) Attach Scope to Rifle						5/2/91	KS
	P) Detach & Attach Scope 20 Times						5/2/91	KS
640	Gallery Target & Test						5-2-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-2-91	NF
655	Final Inspection							
	A) Headspace						5-18-91	KS
	B) Trigger Pull	2.35	2.42	2.40	2.45	2.45	5/10/91	JL
	C) Function						5-18-91	KS
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C 6594635

DATE 4/26/91

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.28	2.30	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.30	2.38	2.42	
PULL #3	2.32	2.28	2.29	2.40	
PULL #4	2.34	2.20	2.32	2.45	
PULL #5	2.31	2.31	2.32	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.37		
PULL #2	3.32	3.53		
PULL #3	3.53	3.44		
PULL #4	3.51	3.38		
PULL #5	3.48	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.30		4.46
PULL #2	4.17	4.34		4.48
PULL #3	4.22	4.59		4.48
PULL #4	4.48	4.54		4.58
PULL #5	4.40	4.48		4.44
TOTAL				
AVG.				

New State

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594635
16 May 1991.

CENTROIDAL DISTANCES

0	TO	1	.267526
1	TO	2	.446054
1	TO	3	.542672
1	TO	4	.645611
1	TO	5	.22898

4+ <----POA

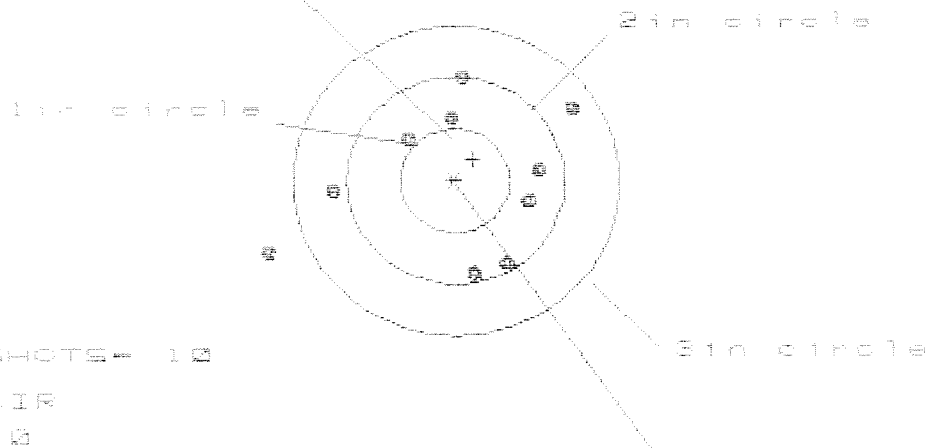
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2112
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1596
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .264722
THE AMR FOR THIS RIFLE IS: .9952

DATE: 10/1/81

FILE: /PATTERNING/CENTERFIRE_PATT/C8594635.1

CENTERFIRE PATTERNS # 1

FOR



* CF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.781

VS= 1.941

GS= 3.093

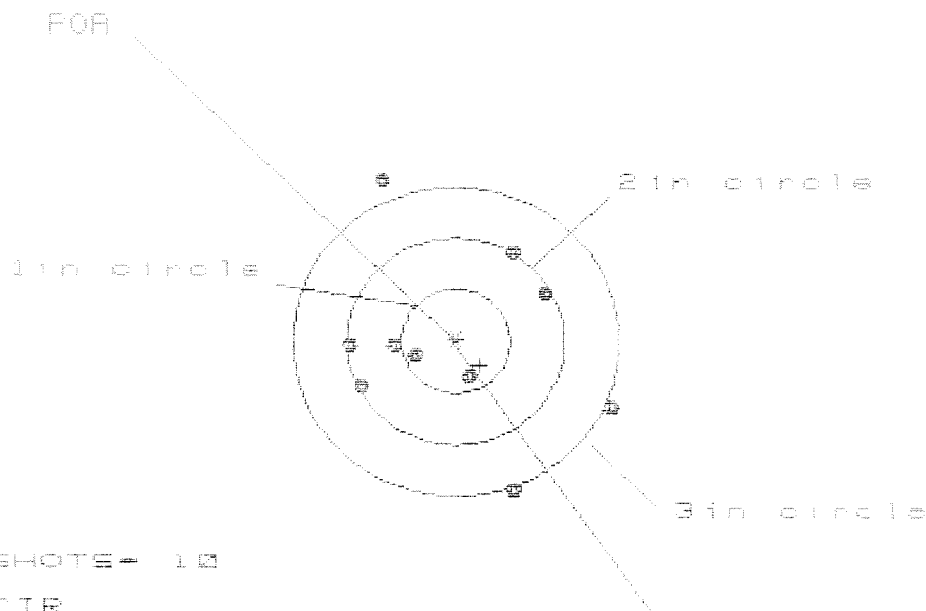
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.883	.894	.766
MINIMUM X	-1.698	-1.313	-1.281
MAXIMUM Y	1.043	.966	1.839
MINIMUM Y	-.898	-.975	-.902
CENTROID X	-.167	.022	-.890
CENTROID Y	-.209	-.132	-.205
FOR TO CENTROID in.	.268	.134	.224
MIN RADIUS	.554	.541	.585
MEAN RADIUS	.978	.852	.828
MAX RADIUS	1.833	1.338	1.209
HORIZONTAL SPREAD	2.781	2.207	1.907
VERTICAL SPREAD	1.941	1.941	1.941
EXTREME SPREAD	3.093	2.348	1.945
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

16 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08594635.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 7

HS = 2.408

VS = 2.980

GS = 3.195

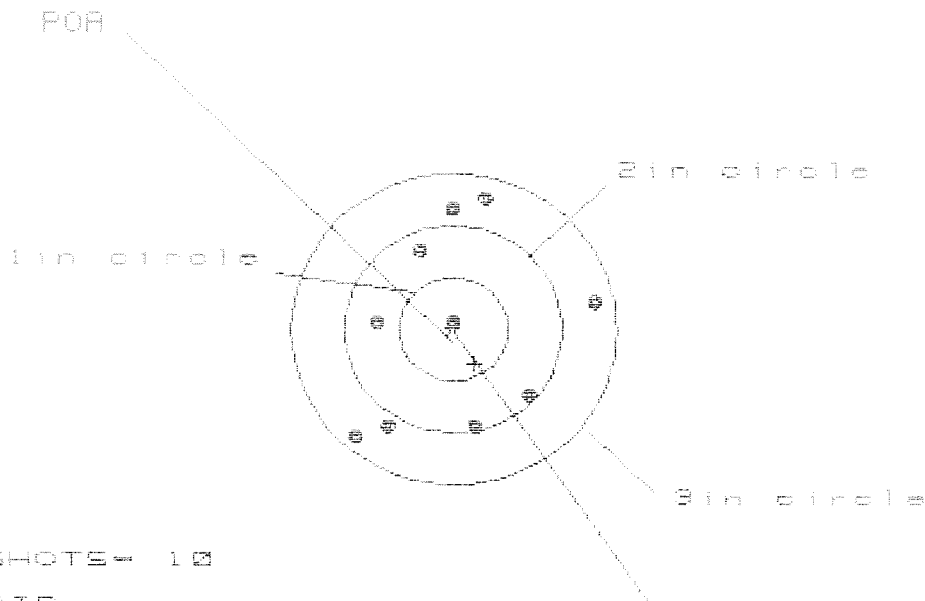
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.412	1.343	1.408
MINIMUM X	:	-0.996	-1.065	-1.008
MAXIMUM Y	:	1.517	1.067	.905
MINIMUM Y	:	-1.463	-1.294	-1.594
CENTROID X	:	-.227	-.158	-.215
CENTROID Y	:	.233	.064	.226
FOR TO CENTROID in.	:	.325	.170	.312
MIN RADIUS	:	.301	.120	.291
MEAN RADIUS	:	.998	.914	.849
MAX RADIUS	:	1.641	1.410	1.521
HORIZONTAL SPREAD	:	2.408	2.408	2.408
VERTICAL SPREAD	:	2.980	2.361	1.499
EXTREME SPREAD	:	3.195	2.479	2.479
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8584635.1

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.266

VS = 2.339

GS = 2.668

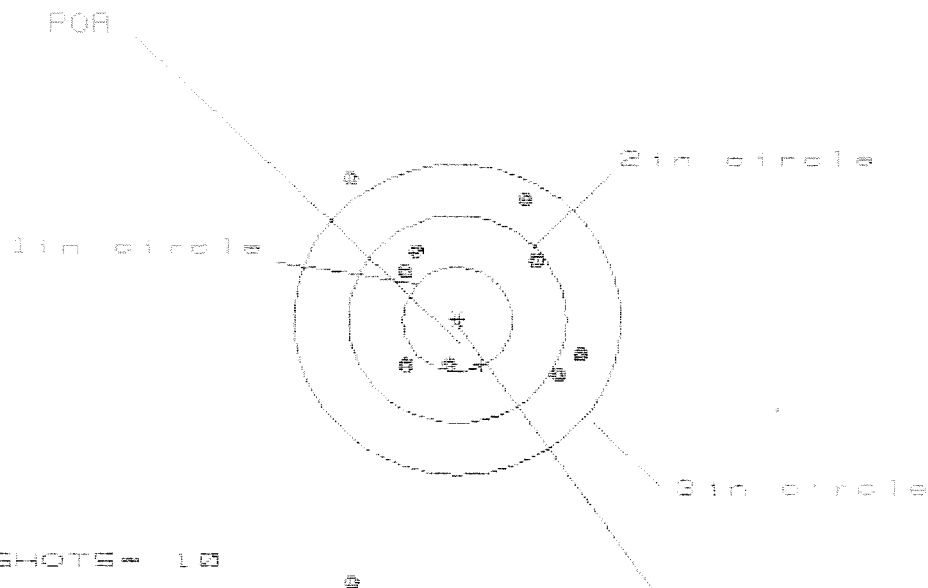
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.316	1.210	.744
MINIMUM X	:	-.950	-.791	-.639
MAXIMUM Y	:	1.282	1.164	1.178
MINIMUM Y	:	-1.057	-1.067	-1.053
CENTROID X	:	-.194	-.088	-.240
CENTROID Y	:	.333	.451	.437
POA TO CENTROID in.	:	.386	.459	.499
MIN RADIUS	:	.053	.146	.061
MEAN RADIUS	:	.975	.930	.868
MAX RADIUS	:	1.421	1.284	1.237
HORIZONTAL SPREAD	:	2.266	2.001	1.383
VERTICAL SPREAD	:	2.339	2.231	2.231
EXTREME SPREAD	:	2.668	2.421	2.421
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

16 May 1991

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CENTERFIRE PATTERNS # 4

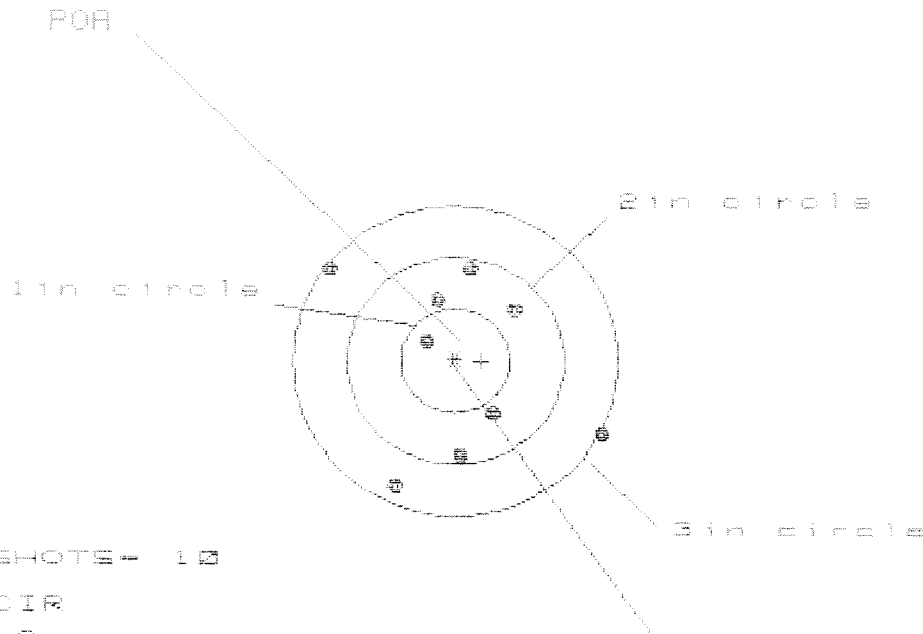


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.031	.892
MINIMUM X	:	-1.004	-1.107	-.774
MAXIMUM Y	:	1.362	1.080	1.048
MINIMUM Y	:	-2.533	-.824	-.689
CENTROID X	:	-.225	-.114	.025
CENTROID Y	:	.434	.716	.581
POA TO CENTROID in.	:	.489	.725	.581
MIN RADIUS	:	.450	.539	.649
MEAN RADIUS	:	1.146	.947	.865
MAX RADIUS	:	2.725	1.547	1.103
HORIZONTAL SPREAD	:	2.146	2.138	1.666
VERTICAL SPREAD	:	3.895	1.904	1.737
EXTREME SPREAD	:	4.856	2.733	1.936
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

18 May 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HE = 2.479

VS = 2.148

GS = 2.934

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.299
MINIMUM X	-1.188
MAXIMUM Y	.928
MINIMUM Y	-1.220
CENTROID X	-.243
CENTROID Y	.007
POB TO CENTROID in.	.243
MIN RADIUS	.311
MEAN RADIUS	.879
MAX RADIUS	1.477
HORIZONTAL SPREAD	2.479
VERTICAL SPREAD	2.148
EXTREME SPREAD	2.934
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06594635
2 May 1991

CENTROIDAL DISTANCES

0 TO	1	.112614
1 TO	2	.176139
1 TO	3	.088278
1 TO	4	.305354
1 TO	5	.12621

Q <----POA

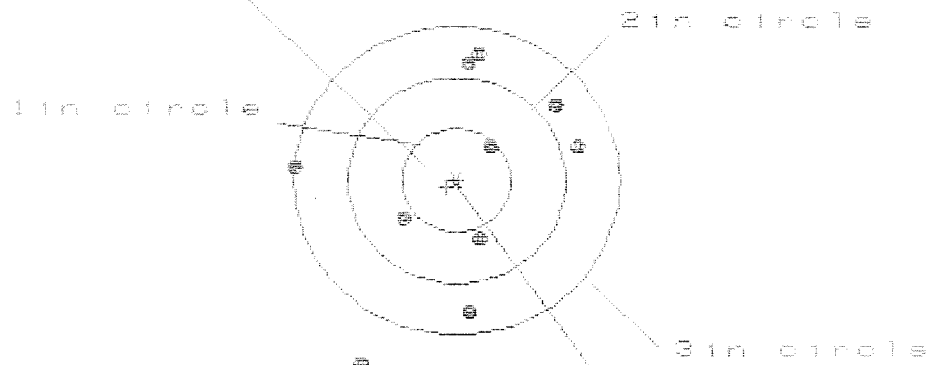
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.93
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0406
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0504813
THE AMR FOR THIS RIFLE IS: .9902

2 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594635

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.567

VS= 2.973

GS= 3.181

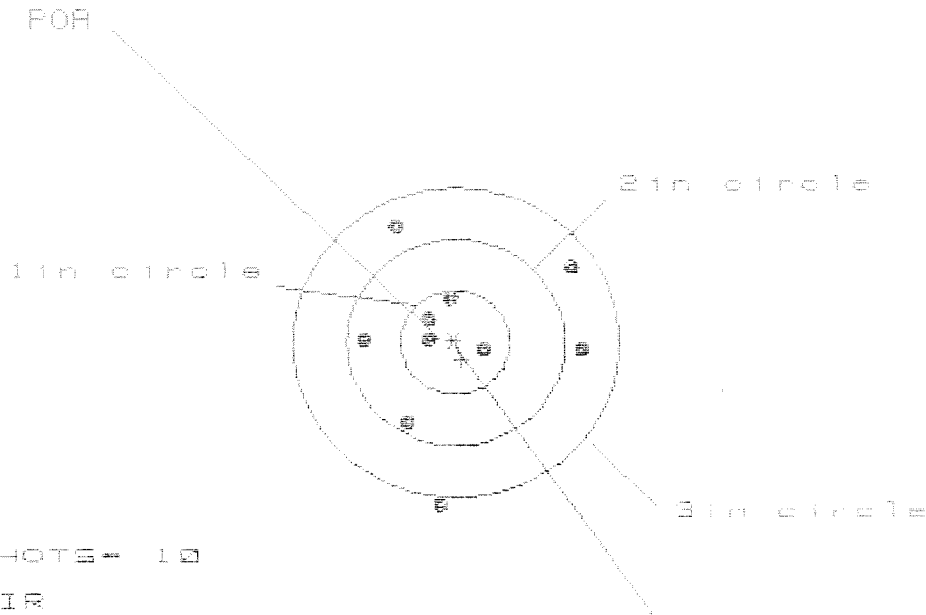
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	.961	.760
MINIMUM X	:	-1.585	-1.606	-1.775
MAXIMUM Y	:	1.234	1.041	1.035
MINIMUM Y	:	-1.738	-1.499	-1.565
CENTROID X	:	.089	.190	.391
CENTROID Y	:	.069	.262	.268
FOR TO CENTROID in.	:	.112	.324	.474
MIN RADIUS	:	.435	.242	.095
MEAN RADIUS	:	1.100	.971	.853
MAX RADIUS	:	1.963	1.607	1.512
HORIZONTAL SPREAD	:	2.567	2.567	1.535
VERTICAL SPREAD	:	2.973	2.540	2.540
EXTREME SPREAD	:	3.181	2.576	2.541
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

2 May 1991

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CENTERFIRE PATTERNS # 2



* OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 1.9553

VS= 2.746

GS= 2.776

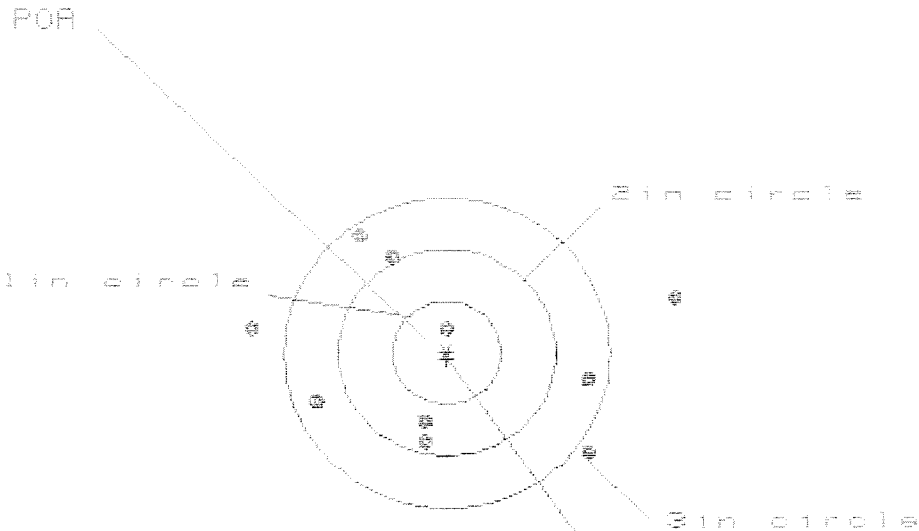
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.123	1.109	1.245
MINIMUM X	:	-.840	-.854	-.718
MAXIMUM Y	:	1.157	.981	1.051
MINIMUM Y	:	-1.589	-.979	-.909
CENTROID X	:	-.056	-.042	-.170
CENTROID Y	:	.169	.346	.276
FOR TO CENTROID in.	:	.179	.349	.328
MIN RADIUS	:	.233	.242	.162
MEAN RADIUS	:	.829	.731	.639
MAX RADIUS	:	1.594	1.237	1.256
HORIZONTAL SPREAD	:	1.963	1.963	1.963
VERTICAL SPREAD	:	2.746	1.960	1.960
EXTREME SPREAD	:	2.776	2.174	2.053
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

2 May 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 2.0000

VS= 2.0000

GS= 2.046

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.066	1.527	1.335
MINIMUM X	:	-1.771	-1.942	-1.156
MAXIMUM Y	:	1.118	1.176	1.209
MINIMUM Y	:	-.912	-.854	-.821
CENTROID X	:	.001	-.228	-.036
CENTROID Y	:	.062	.004	-.029
POA TO CENTROID in.	:	.062	.228	.046
MIN RADIUS	:	.247	.374	.338
MEAN RADIUS	:	1.228	1.100	1.035
MAX RADIUS	:	2.130	1.709	1.527
HORIZONTAL SPREAD	:	3.837	3.069	2.491
VERTICAL SPREAD	:	2.030	2.030	2.030
EXTREME SPREAD	:	3.849	3.224	2.874
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

2 May 1991

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 9

3 in = 10

HS = 1.864

VS = 1.503

GS = 1.945

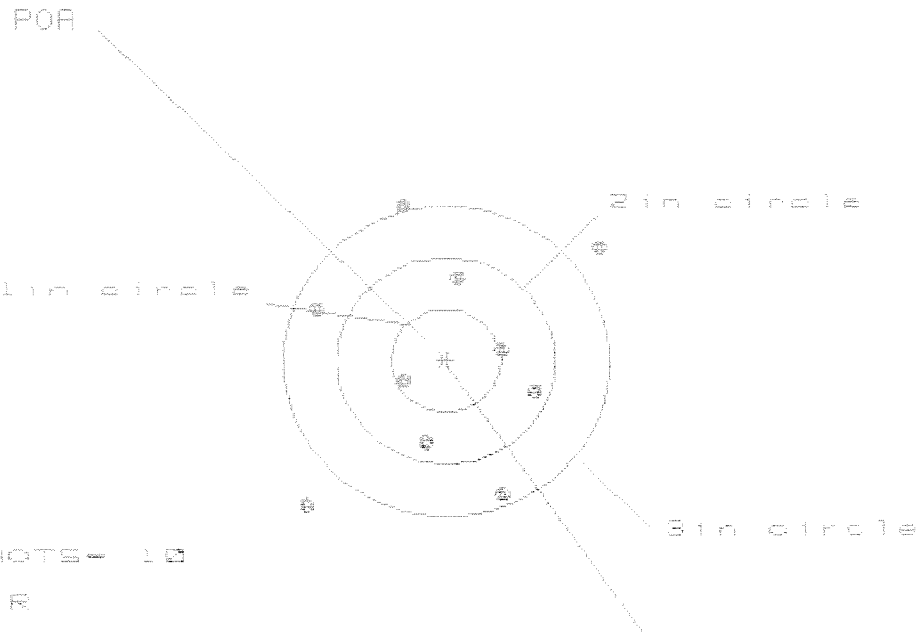
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.769	.647	.560
MINIMUM X	:	-1.095	-.626	-.545
MAXIMUM Y	:	.683	.666	.715
MINIMUM Y	:	-.820	-.837	-.788
CENTROID X	:	-.173	-.051	-.132
CENTROID Y	:	-.089	-.072	-.121
POA TO CENTROID in.	:	.194	.089	.179
MIN RADIUS	:	.179	.294	.200
MEAN RADIUS	:	.669	.626	.592
MAX RADIUS	:	1.105	.840	.802
HORIZONTAL SPREAD	:	1.864	1.273	1.105
VERTICAL SPREAD	:	1.503	1.503	1.503
EXTREME SPREAD	:	1.945	1.541	1.510
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		

2 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594635

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN 1" CIR

1" = 2

2" = 5

3" = 7

CS = 2.668

VS = 2.917

GS = 3.661

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.388
MINIMUM X	-1.388
MAXIMUM Y	1.493
MINIMUM Y	-1.424
CENTROID X	-0.014
CENTROID Y	-0.008
POA TO CENTROID in.	.014
MIN RADIUS	.424
MEAN RADIUS	1.130
MAX RADIUS	1.920
HORIZONTAL SPREAD	2.668
VERTICAL SPREAD	2.917
EXTREME SPREAD	3.661
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	7