

G-6590147
Replaced
G-6360916

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: RE00124038

Serial: G6360916 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 1/22/2007 7:06:42 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION 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: NA

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	3
A026	Scope	1
A045	Bi Pod	1

Repair Search

Refresh

Close

nagletj

1/22/2007

8:29 AM

CAPS

NUM

INS

SCRL

start

4 Micros...

2 Micros...

3 Intern...

Personal

Arms Ser...

8:29 AM

G6590147 (Nm)
G6360916
 Model: M24 SWS

 RE00124038

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590147.__0

FILE DATE AND TIME: 02/01/2007 23:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.020
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.695
The Distance from POA to Centroid Target #1:	0.259
The Distance from Centroid Target #2 to Centroid Target #1:	0.310
The Distance from Centroid Target #3 to Centroid Target #1:	0.372
The Distance from Centroid Target #4 to Centroid Target #1:	0.227
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: G6590147. __0

TARGET NUMBER: 1

FILE DATE: 02/01/2007

FILE TIME: 23:23

POINT#	X	Y
1:	0.042	0.785
2:	0.263	0.808
3:	0.603	0.597
4:	0.436	-0.323
5:	-0.221	-0.030
6:	-0.551	0.054
7:	-0.954	0.238
8:	-0.820	-0.423
9:	-0.890	-0.785
10:	-0.499	-0.800

X CENTROID: -0.259

Y CENTROID: 0.012

POA TO CENTROID: 0.259

HORZ SPREAD: 1.557

VERT SPREAD: 1.608

GROUP SPREAD: 2.034

MIN RADIUS: 0.057

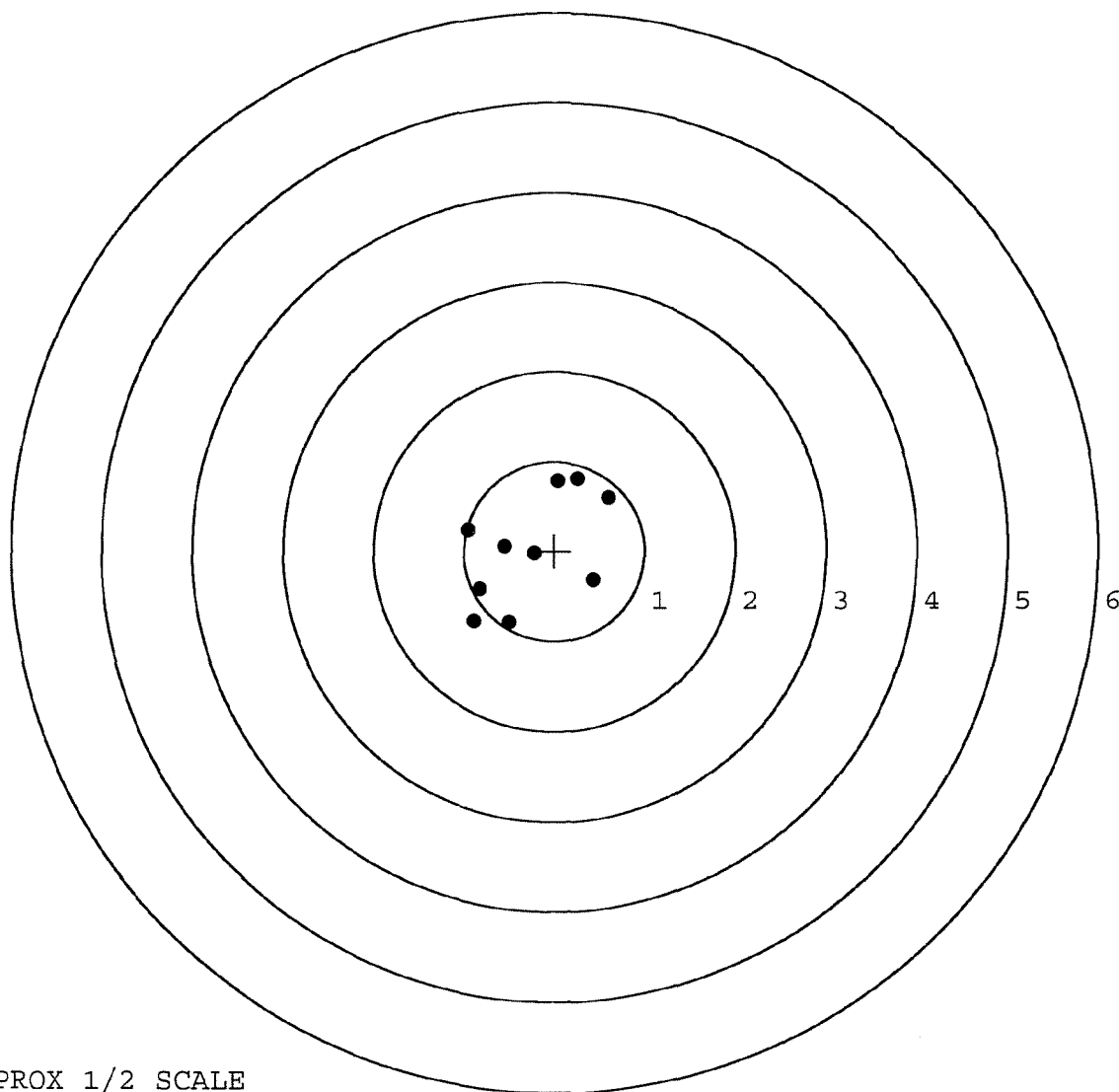
MAX RADIUS: 1.042

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590147. __0

TARGET NUMBER: 2

FILE DATE: 02/01/2007

FILE TIME: 23:23

POINT#	X	Y
1:	0.374	1.253
2:	-0.442	0.361
3:	0.167	0.320
4:	0.482	0.100
5:	0.759	-0.144
6:	0.311	-0.226
7:	-0.024	-0.476
8:	-0.255	-0.240
9:	-0.369	-0.120
10:	-0.569	-0.014

X CENTROID: 0.043

Y CENTROID: 0.081

POA TO CENTROID: 0.092

HORZ SPREAD: 1.328

VERT SPREAD: 1.729

GROUP SPREAD: 1.774

MIN RADIUS: 0.269

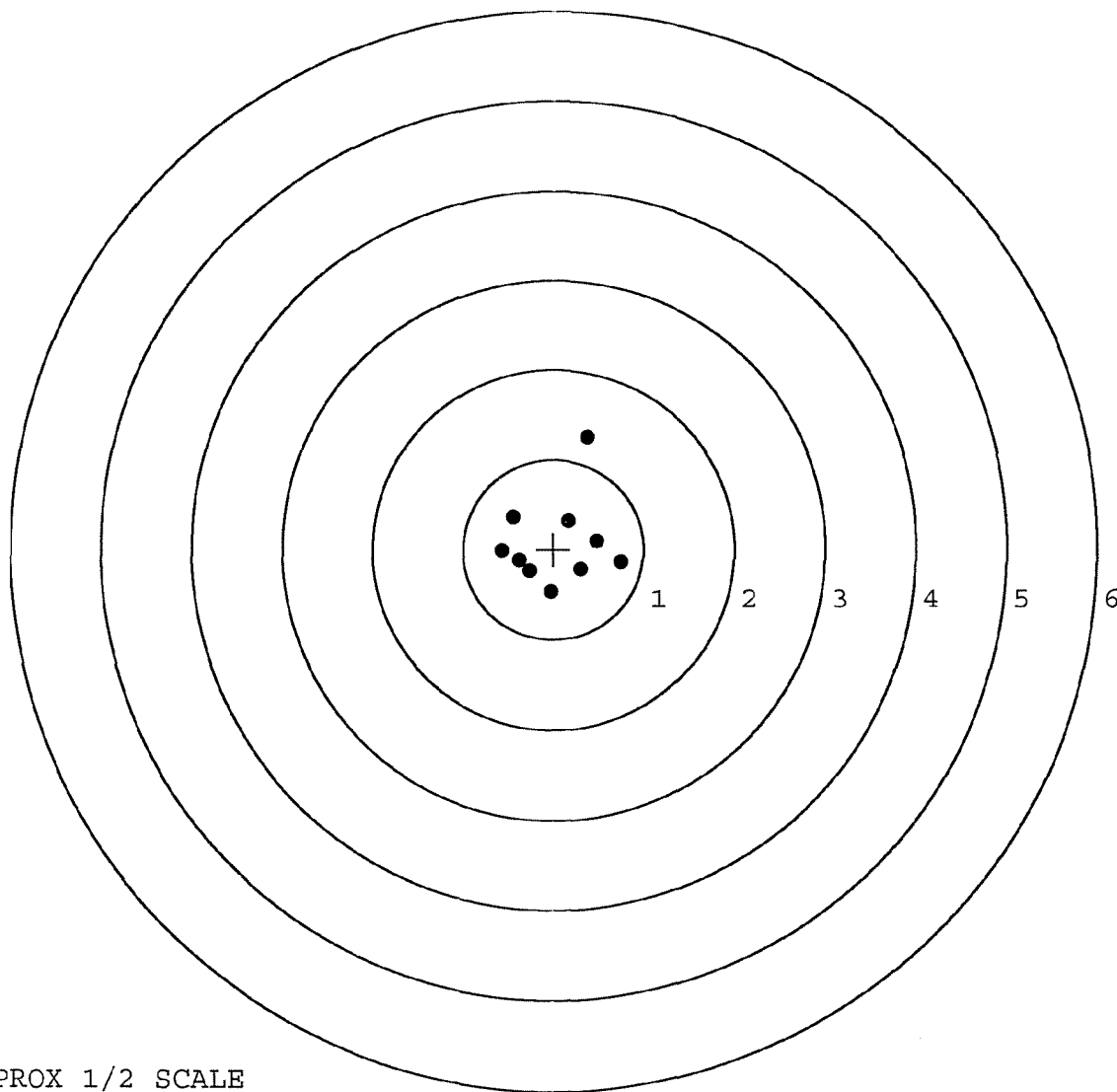
MAX RADIUS: 1.217

MEAN RADIUS: 0.572

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590147. __0

TARGET NUMBER: 3

FILE DATE: 02/01/2007

FILE TIME: 23:23

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

1:	-0.487	1.318
----	--------	-------

2:	-0.216	0.527
----	--------	-------

3:	-0.514	0.118
----	--------	-------

4:	0.419	0.196
----	-------	-------

5:	0.591	0.500
----	-------	-------

6:	1.194	0.389
----	-------	-------

7:	0.549	-0.292
----	-------	--------

8:	0.897	-0.373
----	-------	--------

9:	-0.518	-0.570
----	--------	--------

10:	-0.902	-0.753
-----	--------	--------

X CENTROID: 0.101

Y CENTROID: 0.106

POA TO CENTROID: 0.147

HORZ SPREAD: 2.096

VERT SPREAD: 2.071

GROUP SPREAD: 2.185

MIN RADIUS: 0.330

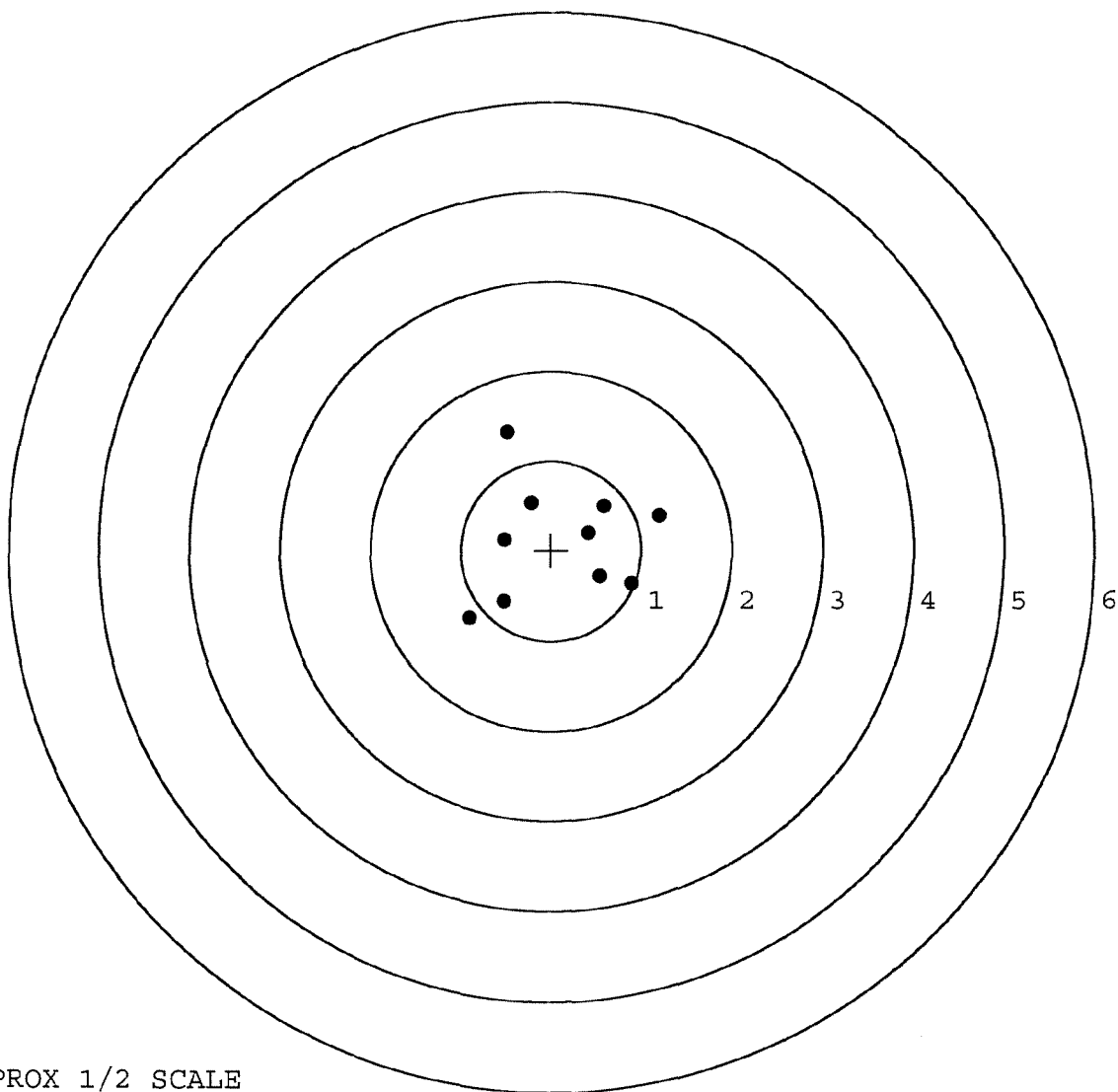
MAX RADIUS: 1.347

MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590147. __0

TARGET NUMBER: 4

FILE DATE: 02/01/2007

FILE TIME: 23:23

POINT#	X	Y
1:	-0.381	0.345
2:	-0.542	0.227
3:	-0.257	-0.171
4:	-0.513	-0.035
5:	-0.607	-0.128
6:	-0.098	-0.637
7:	0.401	-0.359
8:	0.702	0.172
9:	0.351	0.176
10:	0.622	0.442

X CENTROID: -0.032

Y CENTROID: 0.003

POA TO CENTROID: 0.032

HORZ SPREAD: 1.309

VERT SPREAD: 1.079

GROUP SPREAD: 1.355

MIN RADIUS: 0.284

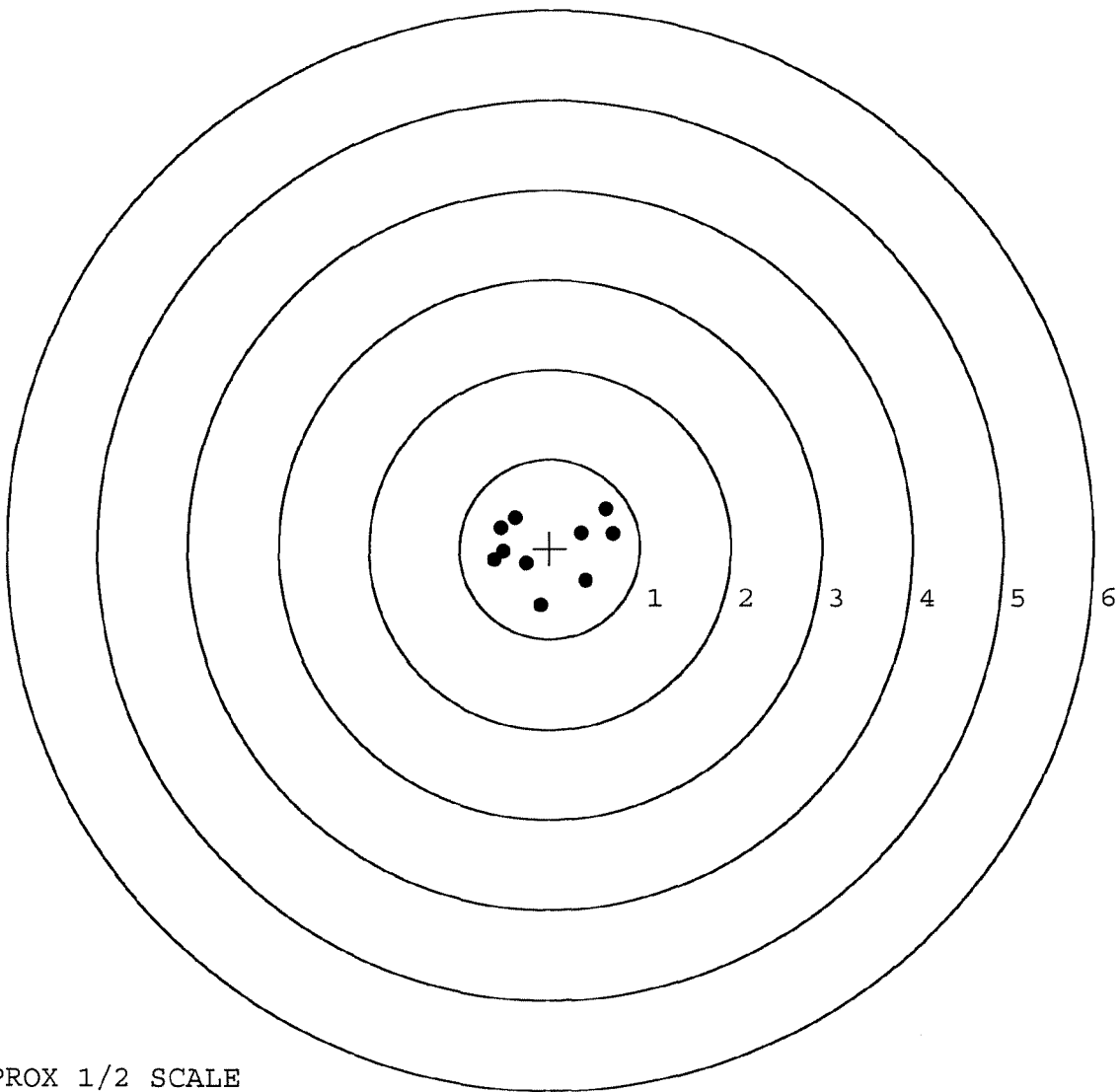
MAX RADIUS: 0.788

MEAN RADIUS: 0.557

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590147. __0

TARGET NUMBER: 5

FILE DATE: 02/01/2007

FILE TIME: 23:23

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

1:	-1.232	0.553
----	--------	-------

2:	-0.791	-0.344
----	--------	--------

3:	-0.639	-0.211
----	--------	--------

4:	-0.339	-0.429
----	--------	--------

5:	-0.349	-0.098
----	--------	--------

6:	-0.106	-0.977
----	--------	--------

7:	0.517	-0.140
----	-------	--------

8:	0.878	-0.698
----	-------	--------

9:	0.860	0.681
----	-------	-------

10:	0.046	0.651
-----	-------	-------

X CENTROID: -0.115

Y CENTROID: -0.101

POA TO CENTROID: 0.154

HORZ SPREAD: 2.110

VERT SPREAD: 1.658

GROUP SPREAD: 2.453

MIN RADIUS: 0.234

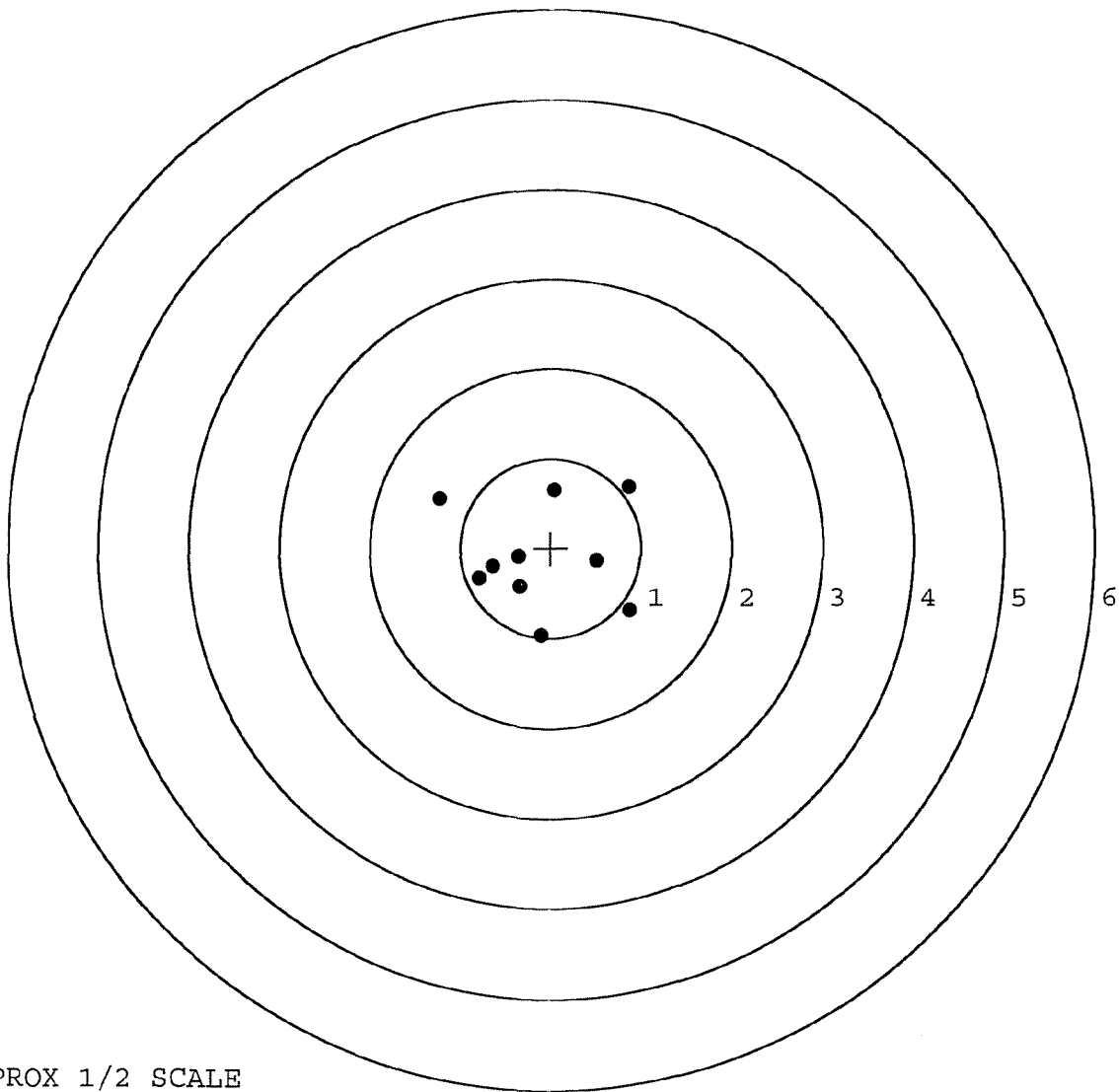
MAX RADIUS: 1.294

MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	124038					
SERIAL NUMBER	G6360916			G6590147 (New)		
LOG-IN DATE	1-22-07					
OPERATION #	OPERATION NAME		DATE	INITIAL		
500	DIS-ASSEMBLE GUN		1-22-07	RTZ		
505	RE-BARREL		1-24-07	RTZ		
420	ASSEMBLE		1-24-07	RTZ		
440	PROOF	MAGNA-FLUX	1-25-07	TRW		
460	CHECK HEADSPACE	INSPECTED	1-25-07	TRW		
470	DIS-ASSEMBLE GUN	JAN 29 2007	1-25-07	RTZ		
480	MAGNAFLUX	OPERATOR APD	1-29-07	APD		
510	DRILL AND TAP		1-26-07	TRW		
500	ROLLMARK CALIBER		1-29-07	CW		
520	GOFF BLAST BBL / REC		1-29-07	LB		
530 & 540	APPLY COATINGS		1-25-07	TRW		
560	FINAL ASSEMBLY		2-1-07	RTZ		
640	FUNCTION TEST AND	PASS FAIL	2/1/07	non		
650	TARGET	PASS FAIL	2/1/07	non		
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
670	FINAL INSPECTION		2-16-07	RTZ		
	A) HEADSPACE	PASS FAIL	2-16-07	RTZ		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.64 2.62 2.62 2.68 2.76 2.9-07	FM		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.25 7.0 7.0 2-9-07	TRW		
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.0 2.0 2-9-07	TRW		
	I) FIRING PIN INDENT	.020	.024 .025 .024 2-9-07	TRW		
690	PACK		2-16-07	DA		

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY _____ BARREL _____ RECEIVER _____ FRONT SIGHT BASE _____ REAR SIGHT BASE _____ SCREWS _____ FINISH	STOCK ASSEMBLY _____ STOCK _____ SLING SWIVEL STUDS _____ BUTT PATE _____ LOCK NUTS _____ BARREL CLEARANCE _____ COLOR / FINISH
SCOPE ASSEMBLY _____ SCOPE _____ SCOPE RINGS _____ MOUNTING SCREWS _____ MOUNTING BASE _____ SCREWS _____ FINISH _____ CLARITY	SYSTEM CASE _____ SCOPE CASE _____ IRON SIGHTS _____ DEPLOYMENT KIT TRIGGER ASSEMBLY _____ SAFETY OPERATION _____ RE-SET TO FACTORY SPECS
COMMENTS: _____	

F006 REV 5/2006

Address Information

FEL:

Repair Search

Refresh

Close

eglandit 8/4/2004 8:25 AM CAPS NUM INS SCRL

start Inbo... DMS... 2 5... SAP Displ... Micr... Arm... 8:25 AM

G6360916

Serial Number: **E6413450**

Model: M24 SWS



RE00083413

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360916.___0

FILE DATE AND TIME: 08/19/2004 06:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	0.198
The Average Point of Impact of the Five Target Set:	0.198
The Average Mean Radius of the Five Target Set:	0.746
The Distance from POA to Centroid Target #1:	0.742
The Distance from Centroid Target #2 to Centroid Target #1:	0.690
The Distance from Centroid Target #3 to Centroid Target #1:	0.628
The Distance from Centroid Target #4 to Centroid Target #1:	0.771
The Distance from Centroid Target #5 to Centroid Target #1:	0.685

SERIAL NUMBER: G6360916. __0

TARGET NUMBER: 1

FILE DATE: 08/19/2004

FILE TIME: 06:35

POINT#	X	Y
1:	-0.481	-0.849
2:	-0.346	-0.155
3:	0.044	-0.345
4:	0.378	0.091
5:	-0.150	0.951
6:	0.439	1.254
7:	0.558	0.936
8:	0.635	1.487
9:	0.808	2.097
10:	0.130	1.675

X CENTROID: 0.202

Y CENTROID: 0.714

POA TO CENTROID: 0.742

HORZ SPREAD: 1.289

VERT SPREAD: 2.946

GROUP SPREAD: 3.216

MIN RADIUS: 0.420

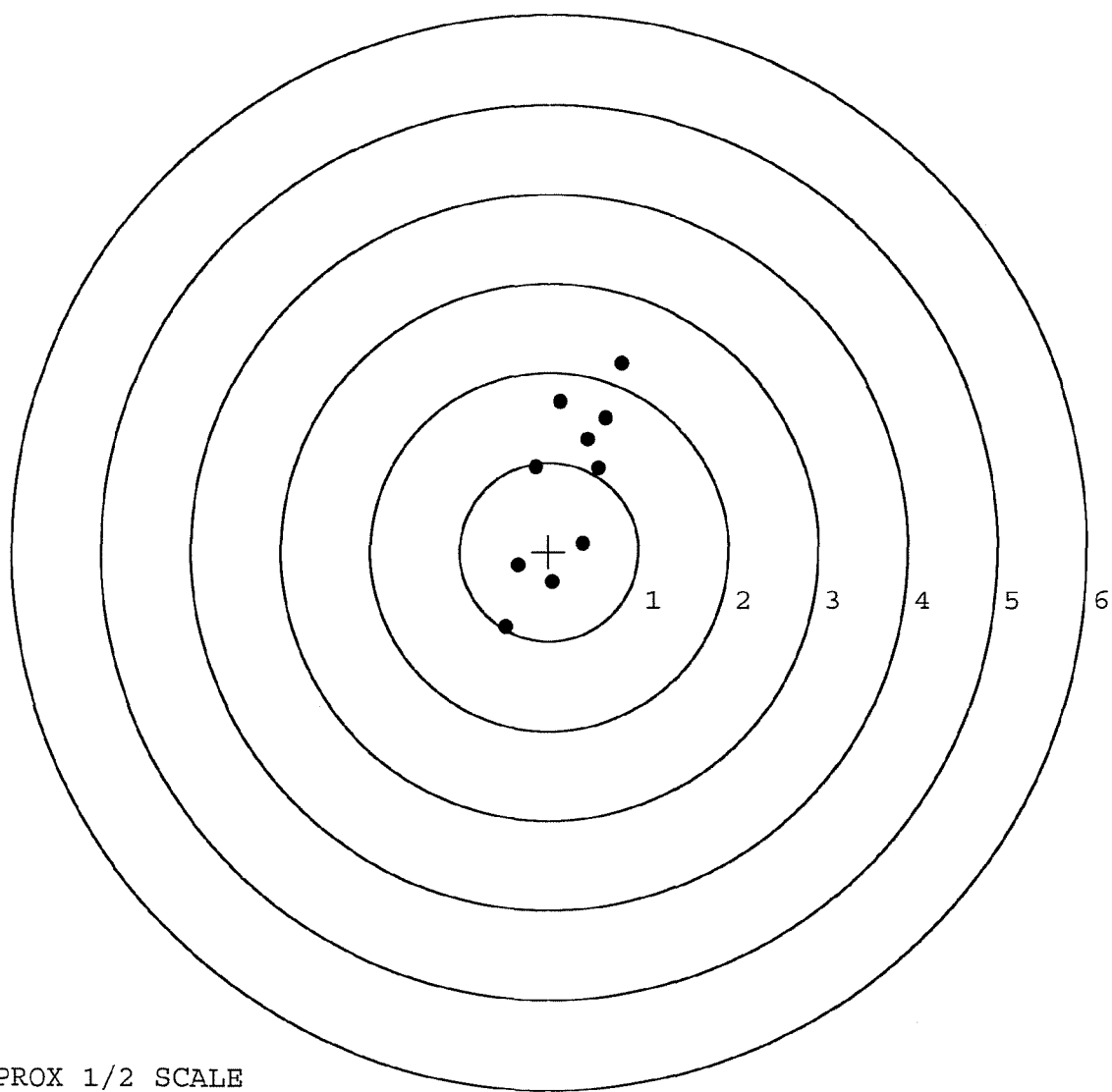
MAX RADIUS: 1.706

MEAN RADIUS: 0.924

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

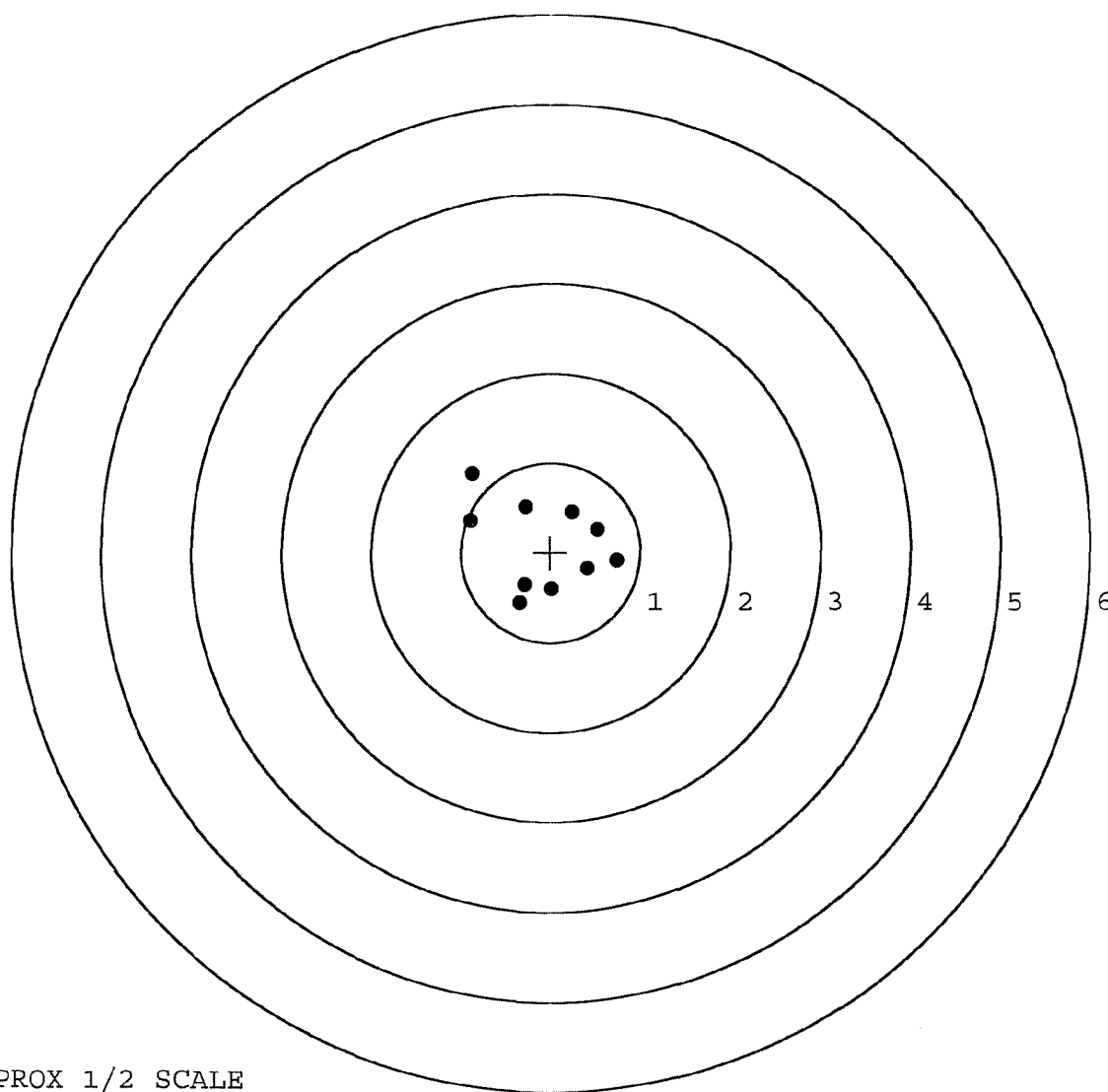


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360916. __0
TARGET NUMBER: 2
FILE DATE: 08/19/2004
FILE TIME: 06:35

	POINT#	X	Y
	1:	-0.875	0.877
	2:	-0.895	0.347
	3:	-0.281	0.507
	4:	0.240	0.447
	5:	0.523	0.259
	6:	0.745	-0.096
	7:	0.415	-0.184
	8:	0.020	-0.413
	9:	-0.343	-0.561
	10:	-0.293	-0.361

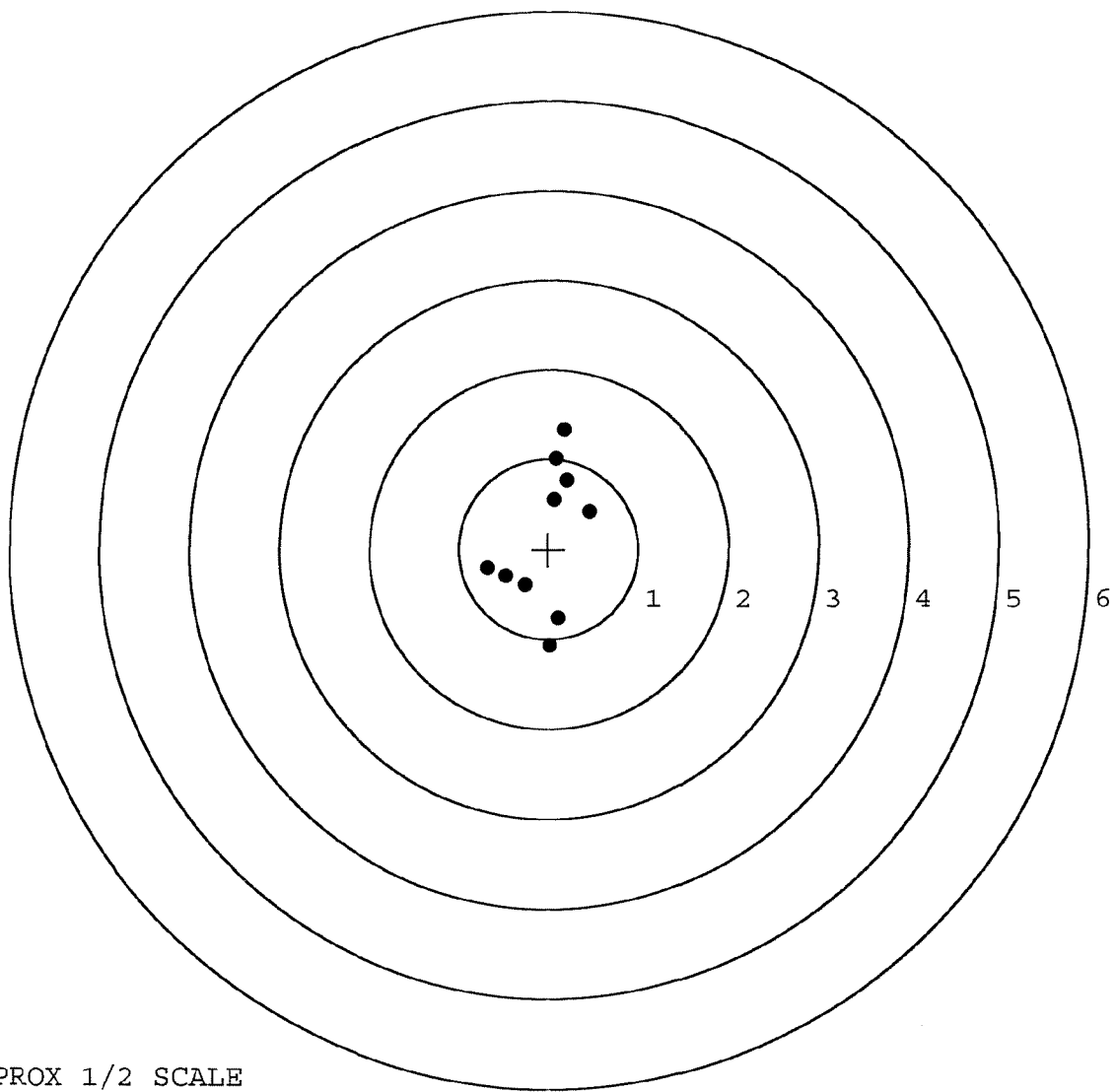
X CENTROID: -0.074
Y CENTROID: 0.082
POA TO CENTROID: 0.111
HORZ SPREAD: 1.640
VERT SPREAD: 1.438
GROUP SPREAD: 1.890
MIN RADIUS: 0.472
MAX RADIUS: 1.128
MEAN RADIUS: 0.666
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360916.___0
TARGET NUMBER: 3
FILE DATE: 08/19/2004
FILE TIME: 06:35

	POINT#	X	Y
	1:	0.017	-1.074
	2:	0.113	-0.768
	3:	-0.262	-0.394
	4:	-0.684	-0.212
X CENTROID:	5:	0.454	0.419
Y CENTROID:	6:	0.063	0.548
POA TO CENTROID:	7:	0.178	1.320
HORZ SPREAD:	8:	0.088	1.001
VERT SPREAD:	9:	0.202	0.766
GROUP SPREAD:	10:	-0.479	-0.300
MIN RADIUS:			0.428
MAX RADIUS:			1.208
MEAN RADIUS:			0.780
# IN 1 IN DIAMETER:			1
# IN 2 IN DIAMETER:			8
# in 3 IN DIAMETER:			10

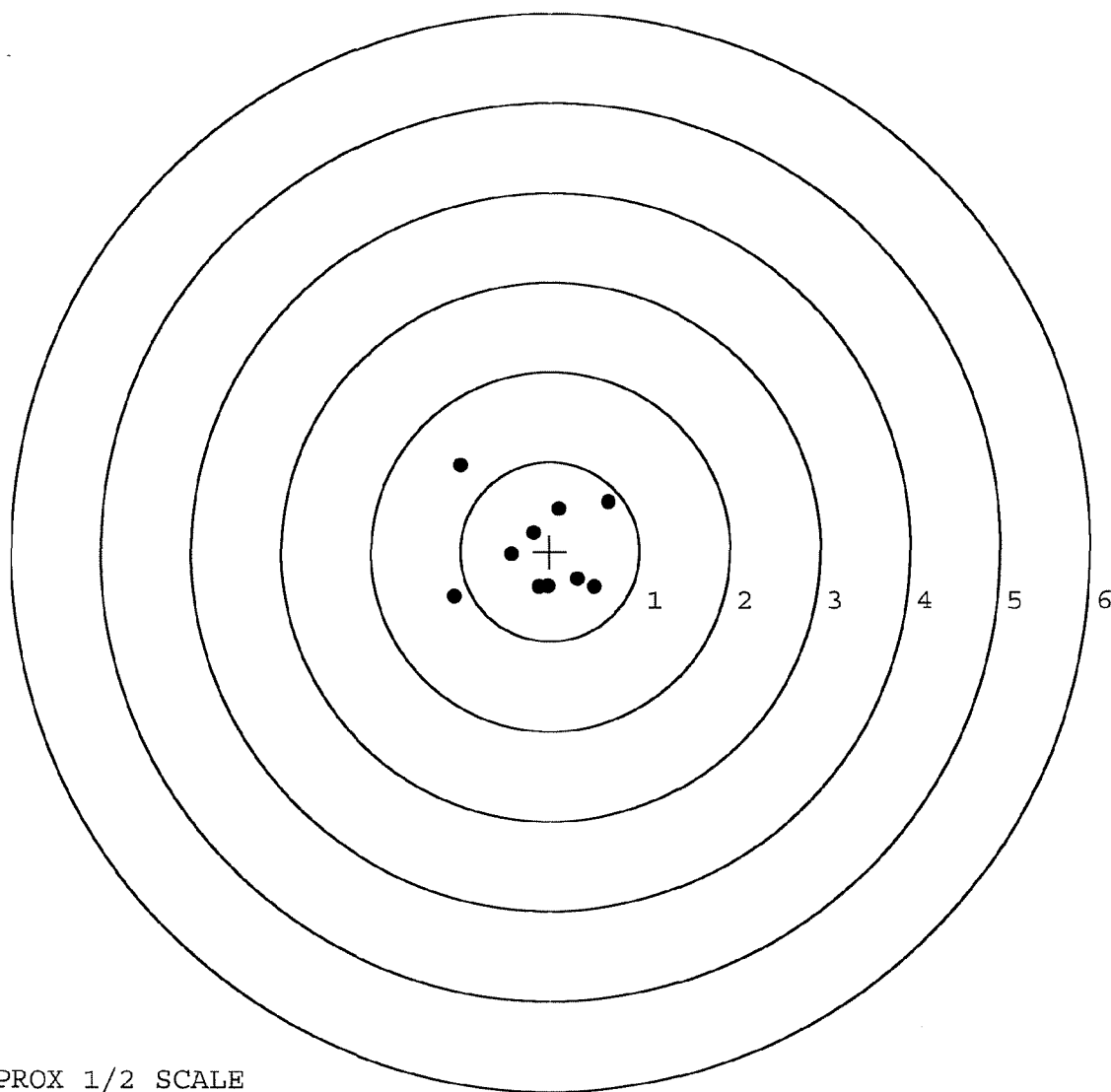


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360916. __0
TARGET NUMBER: 4
FILE DATE: 08/19/2004
FILE TIME: 06:35

POINT#	X	Y
1:	0.650	0.551
2:	0.100	0.479
3:	-0.187	0.208
4:	-0.433	-0.033
5:	0.500	-0.395
6:	0.307	-0.310
7:	-0.022	-0.388
8:	-0.123	-0.395
9:	-1.071	-0.506
10:	-1.002	0.964

X CENTROID: -0.128
Y CENTROID: 0.018
POA TO CENTROID: 0.129
HORZ SPREAD: 1.721
VERT SPREAD: 1.470
GROUP SPREAD: 2.026
MIN RADIUS: 0.199
MAX RADIUS: 1.288
MEAN RADIUS: 0.646
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

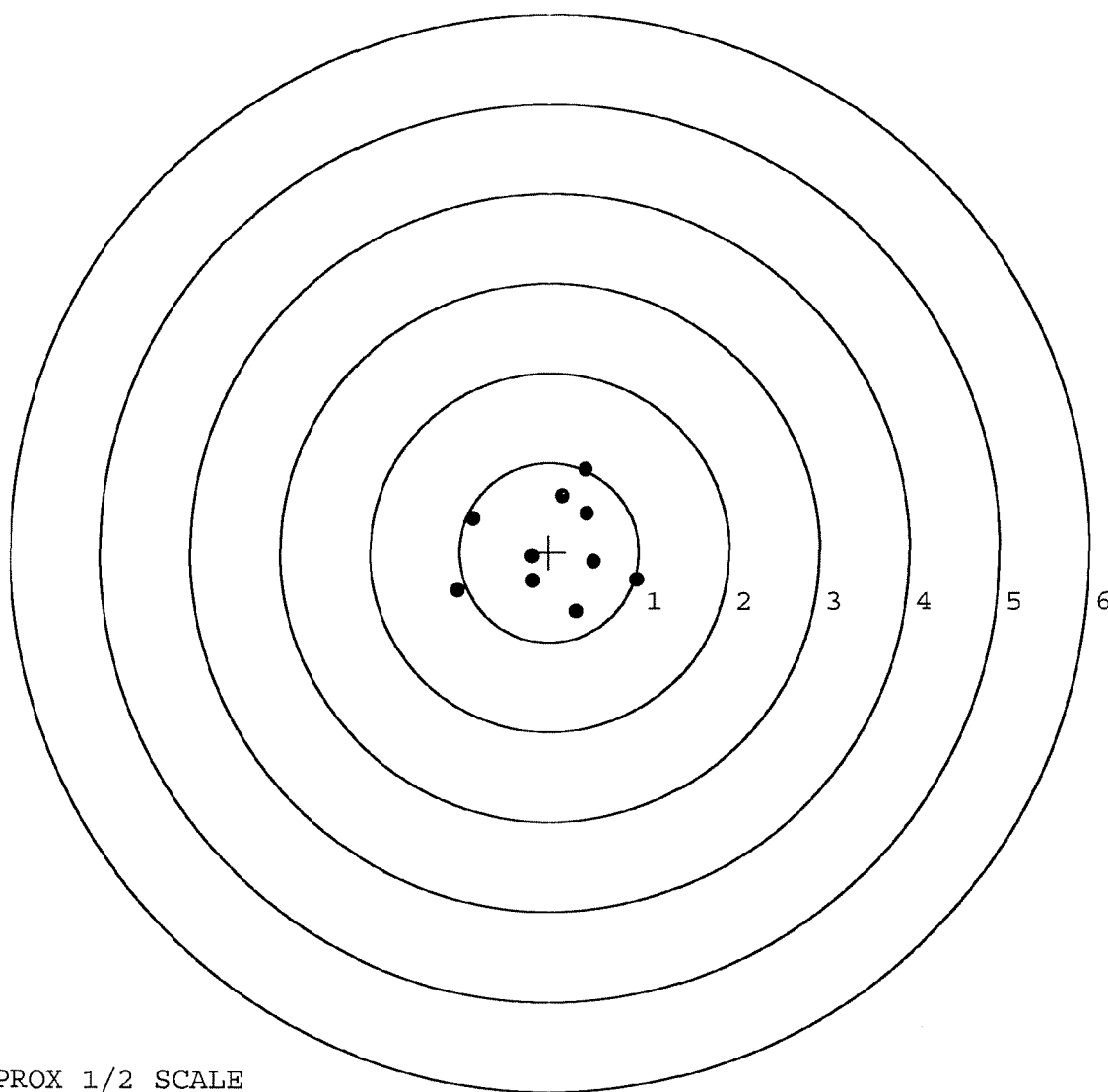


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360916.___0
TARGET NUMBER: 5
FILE DATE: 08/19/2004
FILE TIME: 06:35

POINT#	X	Y
1:	0.975	-0.317
2:	0.496	-0.109
3:	0.306	-0.666
4:	0.411	0.924
5:	0.419	0.432
6:	0.145	0.629
7:	-0.851	0.375
8:	-1.022	-0.433
9:	-0.187	-0.052
10:	-0.185	-0.325

X CENTROID: 0.051
Y CENTROID: 0.046
POA TO CENTROID: 0.068
HORZ SPREAD: 1.997
VERT SPREAD: 1.590
GROUP SPREAD: 2.000
MIN RADIUS: 0.257
MAX RADIUS: 1.175
MEAN RADIUS: 0.713
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 7-19-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.48	2.49		2.54	
PULL #2	2.64	2.49		2.55	
PULL #3	2.75	2.47		2.65	
PULL #4	2.88	2.46		2.63	
PULL #5	2.91	2.31		2.50	
TOTAL	13.66	12.22		12.87	
AVERAGE	2.73	2.44		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.36		
PULL #2	3.23	3.38		
PULL #3	3.36	3.39		
PULL #4	3.35	3.38		
PULL #5	3.37	3.44		
TOTAL	16.63	16.95		
AVERAGE	3.32	3.39		

	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	4.21	4.15		4.58
PULL #2	4.49	4.21		4.63
PULL #3	4.53	4.21		4.65
PULL #4	4.55	4.27		4.66
PULL #5	4.18	4.29		4.75
TOTAL	21.96	21.13		23.27
AVERAGE	4.39	4.22		4.65

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

R & E NUMBER	83413		
SERIAL NUMBER	R6413450 G6360916 New		
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	8-10-04	RTL
600	PROOF	8-10-04	RTL
605	CHECK HEADSPACE	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	HN
625 A	FINAL ASSEMBLY	8-18-04	RL
B	TRIGGER PULL TEST	8-23-04	RTL
C	SAFETY "ON" FORCE	8-23-04	RTL
D	SAFETY "OFF" FORCE	8-23-04	RTL
E	FIRING PIN INDENT		
640	TARGET	8-19-04	AC
655	FINAL INSPECT	8-23-04	RTL
660	PACK	9-24-04	DAE
		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: **RE00028675** Serial: C6225300 Model 700 Center Fire Caliber 7.62 NATO M-24 (SW/S) Repairman: Status: Closed 6/18/01 12:57:12 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**

EFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qt
A007	With Stud	1
A008	With Swivel	1
A010	Hard Case	1
A026	Scope	1

Repair Search Refresh Close

maglet 6/18/01 2:26 PM CAPS NUM INS SCHL

Start Info Arm Micr Ama Part Free Lab SAP

Serial Number: **C6225300**

Model: **700**



RE00028675

F 6413450

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413450
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1824
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184754

THE AMR FOR THIS RIFLE IS: 1.281

CENTROIDAL DISTANCES

0 TO 1	.200262
1 TO 2	.251673
1 TO 3	.907838
1 TO 4	.101119
1 TO 5	.882326

4
2+ <----POA

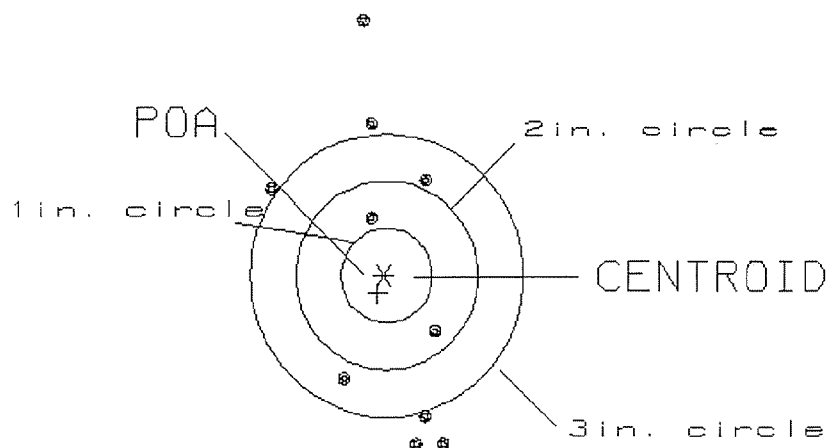
5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .200
 MIN RADIUS : .652
 MEAN RADIUS : 1.492
 MAX RADIUS : 2.700
 CENTROID X : .069
 CENTROID Y : .188

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.93
 VS= 4.52
 GS= 4.56

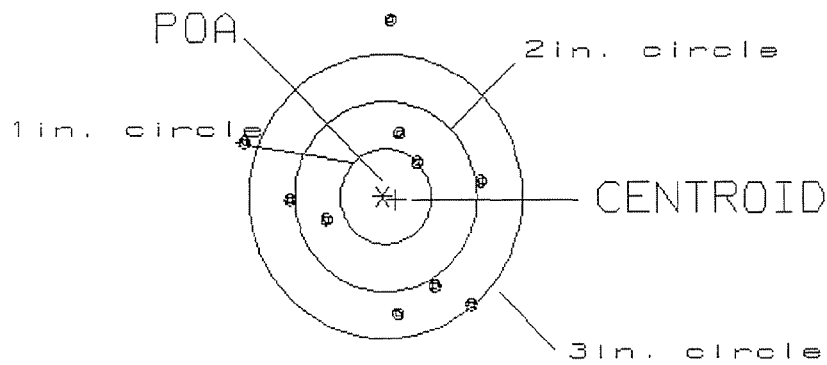
0
 2
 4

PATTERN #: 2
 POA TO CENTROID: .148
 MIN RADIUS : .517
 MEAN RADIUS : 1.144
 MAX RADIUS : 1.884
 CENTROID X : -.144
 CENTROID Y : .036

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.65

0

VS= 3.17

3

GS= 3.17

8

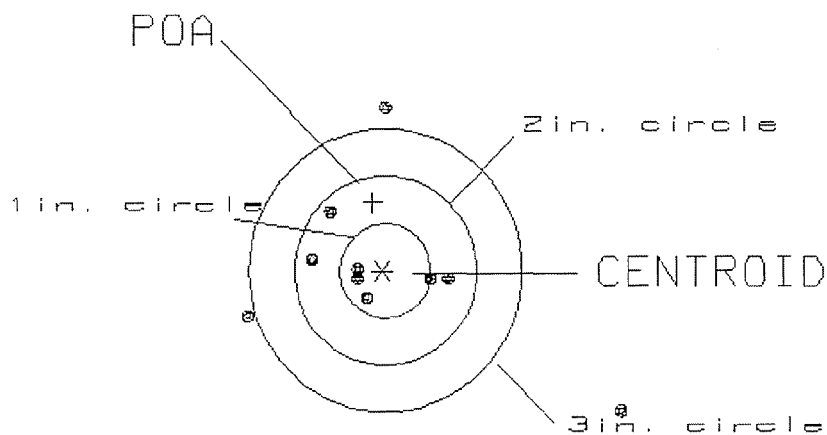
PATTERN #: 3

POA TO CENTROID: .727
 MIN RADIUS : .300
 MEAN RADIUS : 1.002
 MAX RADIUS : 2.939
 CENTROID X : .108
 CENTROID Y : -.719

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.04
 VS= 3.14
 GS= 4.16

3
 7
 7

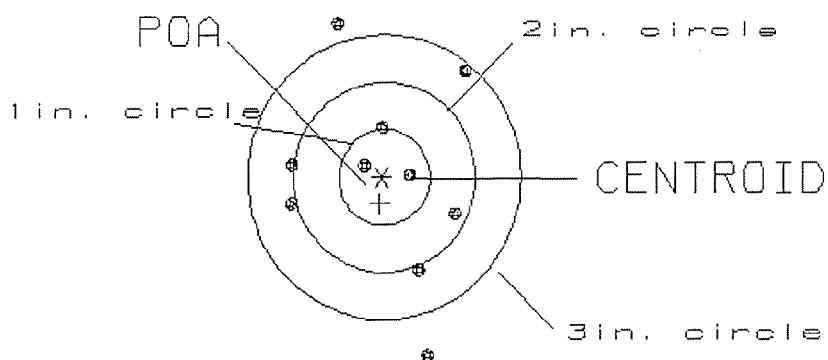
PATTERN #: 4

POA TO CENTROID: .278
 MIN RADIUS : .296
 MEAN RADIUS : 1.023
 MAX RADIUS : 1.962
 CENTROID X : .021
 CENTROID Y : .277

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413458

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.95

3

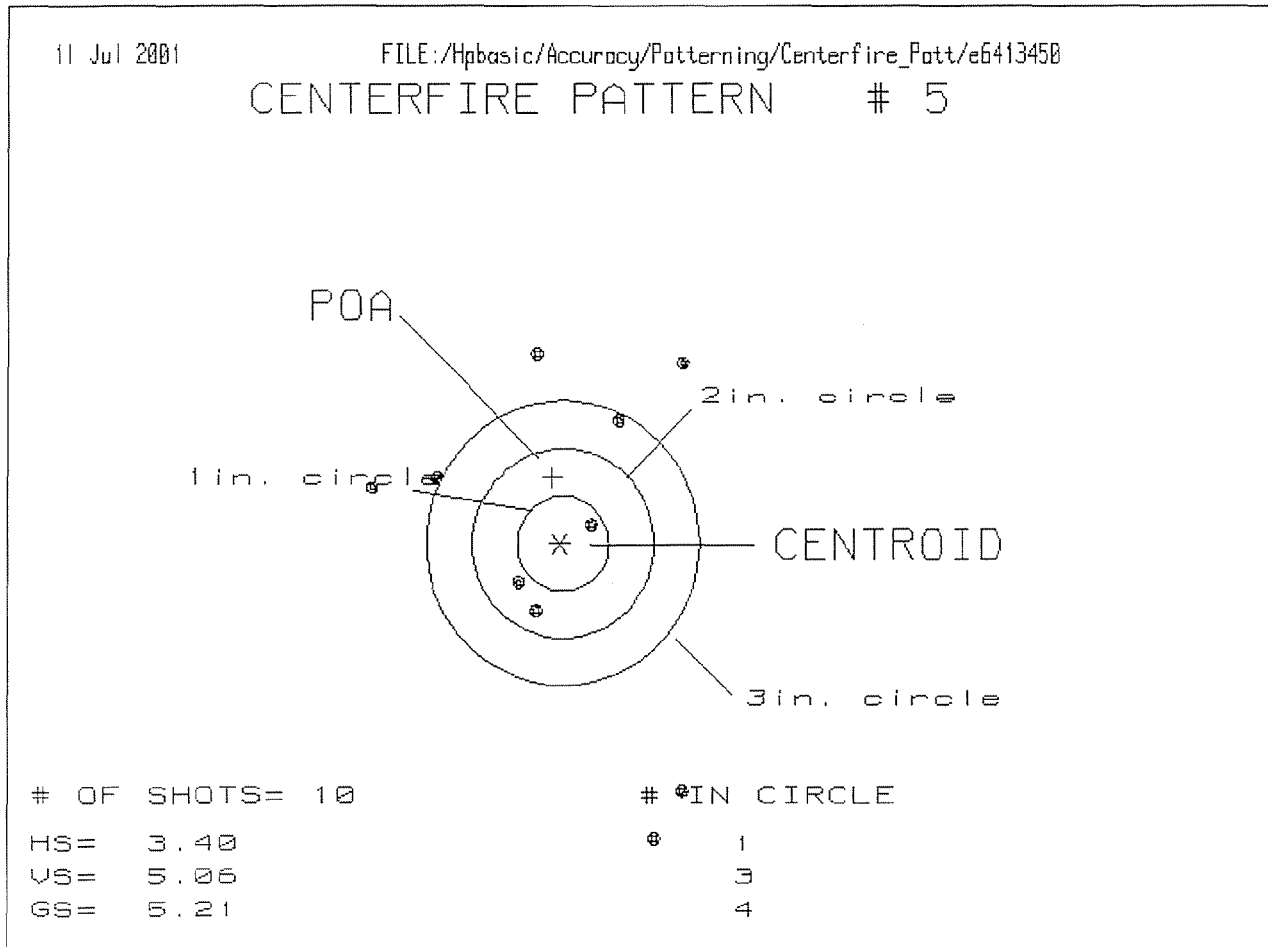
VS= 3.59

5

GS= 3.72

8

PATTERN #: 5
 POA TO CENTROID: .700
 MIN RADIUS : .401
 MEAN RADIUS : 1.743
 MAX RADIUS : 3.234
 CENTROID X : .093
 CENTROID Y : -.694



Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413450
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0238
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0558
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0606637

THE AMR FOR THIS RIFLE IS: 1.086

CENTROIDAL DISTANCES

0 TO 1	.313383
1 TO 2	.231041
1 TO 3	.487305
1 TO 4	.665338
1 TO 5	.0723671

51 2
+ <----POA
3
4

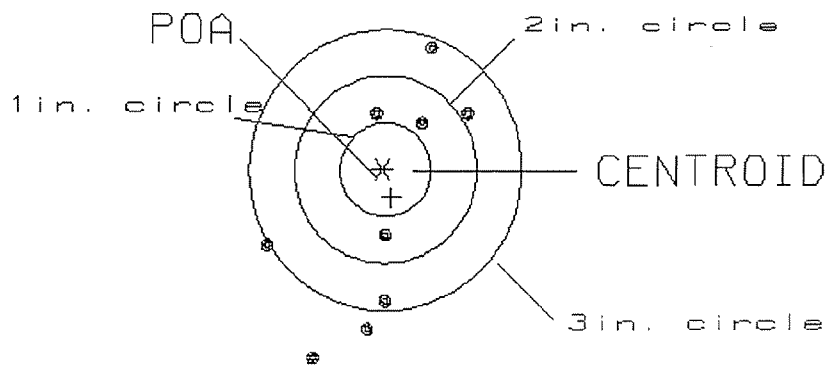
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .314
 MIN RADIUS : .600
 MEAN RADIUS : 1.470
 MAX RADIUS : 3.478
 CENTROID X : -.100
 CENTROID Y : .297

11 Jul 2001

FILE:/H:\basic/Accuracy/Patterning/Centerfire_Patt/e6413450.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.23

0

VS= 5.41

3

GS= 5.56

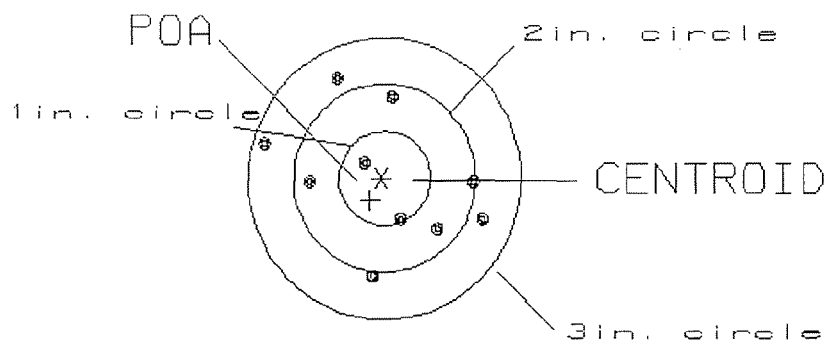
6

PATTERN #: 2
 POA TO CENTROID: .263
 MIN RADIUS : .267
 MEAN RADIUS : .897
 MAX RADIUS : 1.367
 CENTROID X : .122
 CENTROID Y : .233

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.44

2

US= 2.04

7

GS= 2.57

10

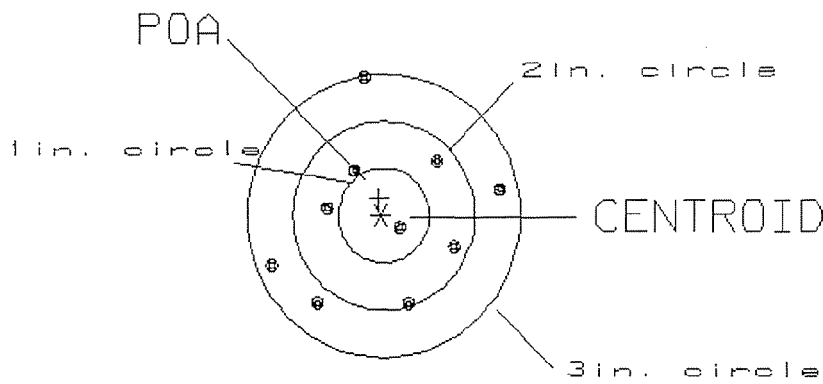
PATTERN #: 3

POA TO CENTROID: .175
 MIN RADIUS : .262
 MEAN RADIUS : .928
 MAX RADIUS : 1.452
 CENTROID X : .025
 CENTROID Y : -.174

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.42

1

VS= 2.40

6

GS= 2.55

10

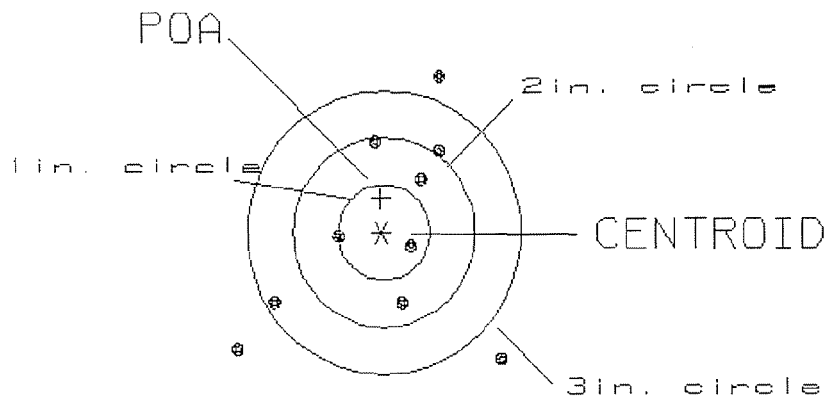
PATTERN #: 4

POA TO CENTROID: .360
 MIN RADIUS : .293
 MEAN RADIUS : 1.126
 MAX RADIUS : 1.962
 CENTROID X : .005
 CENTROID Y : -.360

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.83
 VS= 2.95
 GS= 3.56

2
 4
 7

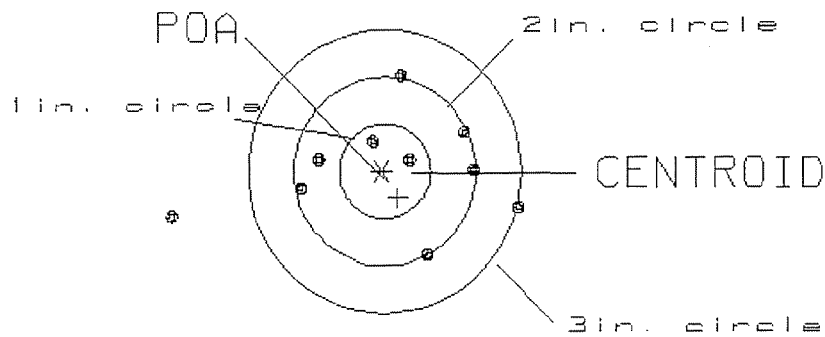
PATTERN #: 5

POA TO CENTROID: .331
 MIN RADIUS : .271
 MEAN RADIUS : 1.007
 MAX RADIUS : 2.326
 CENTROID X : -.171
 CENTROID Y : .283

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.71
 VS= 1.93
 GS= 3.71

2
 6
 9

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. _____

DATE 5/25/01

TESTER RH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	245	245		238	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	245	235		238	
PULL #3	243	239		233	
PULL #4	244	247		238	
PULL #5	246	237		235	
TOTAL	1219	1217		1182	
AVG.	243	243		236	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	310	310		
PULL #2	314	314		
PULL #3	320	313		
PULL #4	320	305		
PULL #5	319	303		
TOTAL	1583	1545		
AVG.	316	309		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.14		4.06
PULL #2	4.10	4.04		4.14
PULL #3	4.13	4.20		4.01
PULL #4	4.19	4.15		4.05
PULL #5	4.17	4.19		4.12
TOTAL	2074	2074		2038
AVG.	414	414		407

GFM

M-24

CONTRACT # DAAA21-87-C-0086

Repair

GUN SERIAL # C6225300

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		11/17/92	RW
600	Proof		11/17/92	RW
607	Check Headspace		11/17/92	RW
610	Dis-assemble Gun		11/17/92	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/11/92	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/11/92	RW
	C) Inspect Ejector Hole for Chamfer		12/11/92	RW
	D) Oil Firing Pin Ass'y		12/11/92	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	J) Assemble Stock				12/11/92	SW
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection A) Headspace					
	B) Trigger Pull					
	C) Function					
660	Pack					

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225300
14 Dec 1992

CENTROIDAL DISTANCES

0 TO	1	.184272
1 TO	2	.485791
1 TO	3	.379075
1 TO	4	.36161
1 TO	5	.213722

$\frac{4}{3} \text{Sz}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0804
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1836
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .200432
THE AMR FOR THIS RIFLE IS: .9618

14 Oct 1992

FILE:/PATTERNING/CENTERFIRE PATT/08225300

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

MS = 3.228

VS = 1.737

GS = 3.244

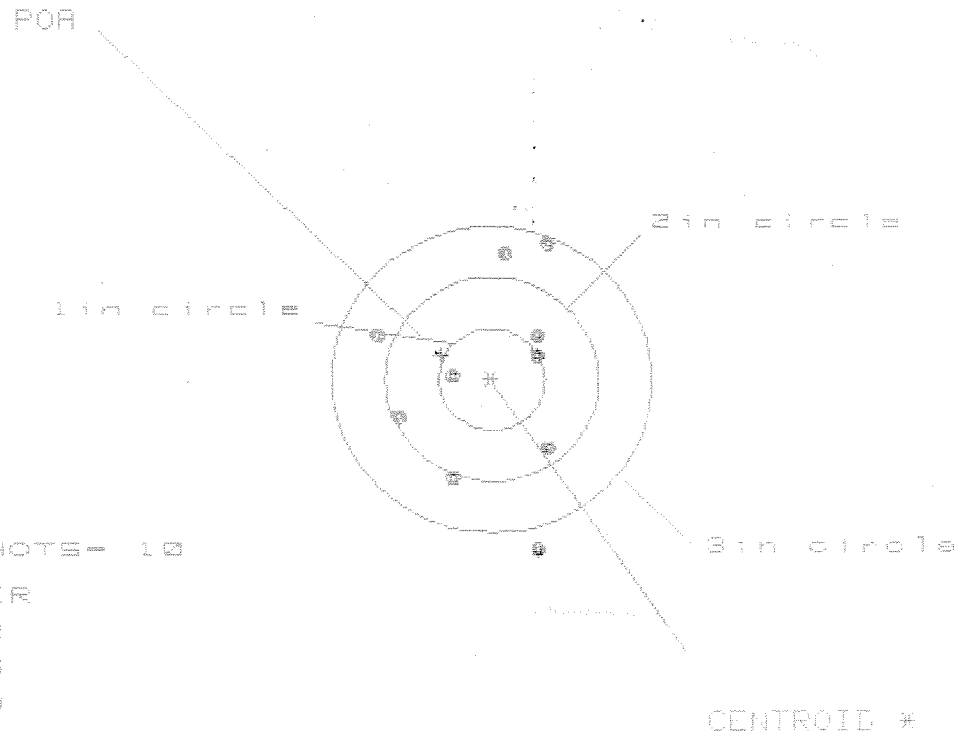
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.517	1.327	.732
MINIMUM X	-1.711	-1.097	-.931
MAXIMUM Y	.962	.954	.904
MINIMUM Y	-.775	-.783	-.833
CENTROID X	-.010	.180	.014
CENTROID Y	-.104	-.176	-.126
POA TO CENTROID in.	.184	.252	.127
MIN RADIUS	.244	.433	.282
MEAN RADIUS	.972	.892	.866
MAX RADIUS	1.712	1.385	1.109
HORIZONTAL SPREAD	3.228	2.424	1.663
VERTICAL SPREAD	1.737	1.737	1.737
EXTREME SPREAD	3.244	2.511	2.017
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

14 Dec 1982

FILE:/PATTERNING/CENTERFIRE_PATT/C8225380

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 1.619

VS= 2.998

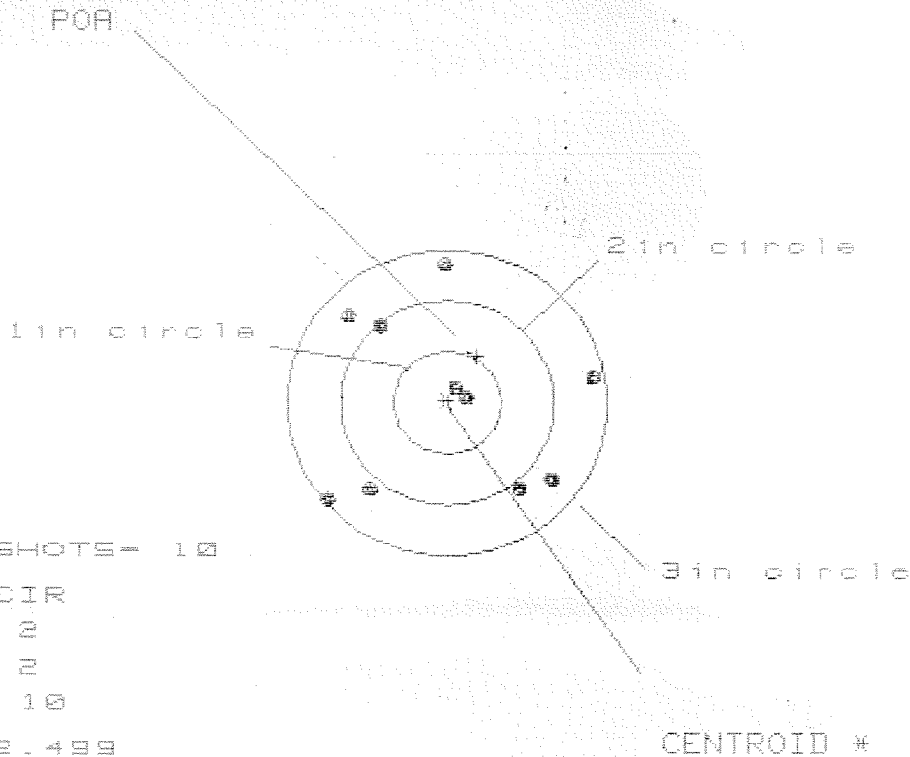
GS= 3.001

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.572	.621	.666
MINIMUM X	:	-1.047	-.998	-.920
MAXIMUM Y	:	1.292	1.102	1.201
MINIMUM Y	:	-1.706	-1.161	-1.023
CENTROID X	:	.473	.424	.346
CENTROID Y	:	-.236	-.046	-.184
POA TO CENTROID in.	:	.529	.426	.392
MIN RADIUS	:	.343	.355	.225
MEAN RADIUS	:	.995	.896	.836
MAX RADIUS	:	1.763	1.265	1.237
HORIZONTAL SPREAD	:	1.619	1.619	1.586
VERTICAL SPREAD	:	2.998	2.263	2.224
EXTREME SPREAD	:	3.001	2.443	2.283
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

14 Dec 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8225380

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 2

3in = 10

HS= 2.499

VS= 2.333

GS= 2.766

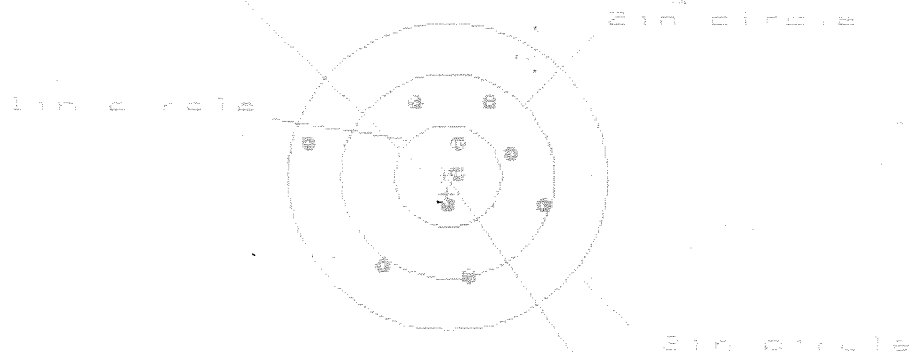
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.387	1.264	1.057
MINIMUM X	:	-1.112	-1.015	-.857
MAXIMUM Y	:	1.371	1.264	1.278
MINIMUM Y	:	-.962	-.974	-.960
CENTROID X	:	-.273	-.150	-.308
CENTROID Y	:	-.457	-.350	-.364
POA TO CENTROID in.	:	.532	.381	.477
MIN RADIUS	:	.197	.079	.142
MEAN RADIUS	:	1.032	.952	.921
MAX RADIUS	:	1.470	1.269	1.364
HORIZONTAL SPREAD	:	2.499	2.279	1.914
VERTICAL SPREAD	:	2.333	2.238	2.238
EXTREME SPREAD	:	2.766	2.481	2.481
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		10	

14 Dec 1992

FILE:/PATTERNING/CENTERFIRE_PATT/09225300

CENTERFIRE PATTERNS # 4

FOR



* OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

MEAN = 2.122

VEL = 1.822

CS = 2.231

PATTERN #

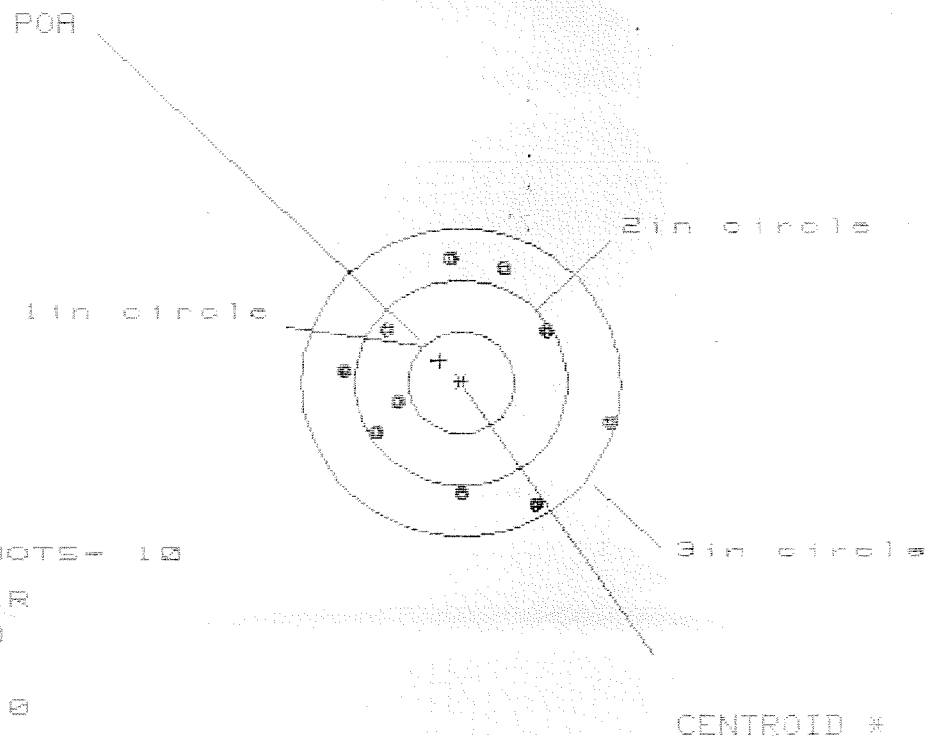
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.845	.782	.684
MINIMUM X	-1.284	-.784	-.547
MAXIMUM Y	.788	.740	.640
MINIMUM Y	-.928	-.888	-.988
CENTROID X	.011	.154	.252
CENTROID Y	.177	.137	.237
POA TO CENTROID (in)	.177	.206	.346
MIN RADIUS	.123	.066	.125
MEAN RADIUS	.723	.633	.560
MAX RADIUS	1.334	1.121	.989
HORIZONTAL SPREAD	2.129	1.486	1.151
VERTICAL SPREAD	1.628	1.628	1.628
EXTREME SPREAD	2.231	1.554	1.714
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

14 Dec 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8225300

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.482

VS= 2.487

GS= 2.535

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.380	.984	1.085
MINIMUM X	:	-1.102	-.949	-1.048
MAXIMUM Y	:	1.195	1.151	.994
MINIMUM Y	:	-1.212	-1.256	-1.327
CENTROID X	:	.201	.048	-.053
CENTROID Y	:	-.218	-.174	-.017
POA TO CENTROID in.	:	.297	.180	.055
MIN RADIUS	:	.654	.527	.540
MEAN RADIUS	:	1.087	1.020	.933
MAX RADIUS	:	1.437	1.492	1.354
HORIZONTAL SPREAD	:	2.482	1.933	1.933
VERTICAL SPREAD	:	2.487	2.407	2.321
EXTREME SPREAD	:	2.535	2.535	2.325
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 92-24152

M-24 W/ULTRA 10X-M3A SCOPE

INITIAL FPS	CUSTOMER ORDER NO.	
DATE RECEIVED 11/10/92	DATE OPENED 11/10/92	DATE CODE LI 2-88
SERIAL NUMBER C6225300		MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS	W/SWIVELS	HARD CASE
SCOPE MNTS		SCOPE BASE

FROM:

SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CUST NO: 059697 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS					
Refinish BARREL # Rec						
" TRIG GUARD						
Replace STOCK ASSY						
" BARREL						
REPAIRMAN PROOF CLEAN TEST TARGET PATTERN						
GALLERY TESTER DATE DATE DATE DATE DATE						
MIL & TRIP: W52 H09 2309 H326						

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400165553

MAINTENANCE REQUEST						PAGE NO.		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						1		1		CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA													
CONTROL NUMBER		WORK ORDER NO.				WESDC		ORG. PD		PD AUTHENTICATION			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>CONSO1 Equip</i> <i>POOL</i>				B. LOCATION <i>FT. Benning, GA 31905</i>		C. UNIT IDENT CODE <i>W04255</i>					
2. SERIAL NO. <i>C6225300</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>				4. LINE NO.		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>			
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		10. HOURS	
												11. MILES	
												12. ROUNDS	
												13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)							
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance		☐ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>SEE ATTACHED DA 2404</i>													
B. REMARKS													
SECTION II - WORK ACCOMPLISHED													
17A. REPAIR ORGANIZATION/ACTIVITY						C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
B. LOCATION								☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE		G. QTY.	H. PARTS COST		
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE									
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					.						\$		
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST		K. TOTAL PARTS COST				
							\$		\$				
21. DELAY (Select One)													
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools													
22.		Data Transcribed											
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)			
<i>[Signature]</i>										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged			
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE					

Replaces edition of 1 Jan 64, which will be used

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 687 5300

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel <i>RB</i>		<i>8/24/89</i>	<i>WB</i>
620	Apply Coatings (Barrel Action)		<i>8/25/89</i>	<i>TA</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		<i>7/28/89</i>	<i>AC</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/28/89	J.C.
	I) Firing Pin Indent							
	J) Assemble Stock						7/30/89	ALW
	K) Assemble Swivel Studs						7/31/89	W.B.
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						8/2/89	JS
	A) Headspace							
	B) Trigger Pull	2.34	2.44	2.41	2.41	2.23	8/2/89	JS
	C) Function						8/2/89	JS
660	Pack						8/3/89	W.B.

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+ .50#

3.00#+ .75#

4.00#+1.00#

SERIAL NO. 06225300

DATE 7/28/89

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68		2.36	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70		2.65	2.44	
PULL #3	2.71		2.38	2.41	
PULL #4	2.65		2.30	2.41	
PULL #5	2.64		2.73	2.23	
TOTAL	13.38		12.42	11.83	
AVG.	2.676		2.484	2.366	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1				
PULL #2				
PULL #3				
PULL #4				
PULL #5				
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35			
PULL #2	4.13			
PULL #3	4.42			
PULL #4	4.38			
PULL #5	4.43			
TOTAL	21.71			
AVG.	4.342			

00099

5091

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225300

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	1/22	FB
600	PROOF	1/28/88	RW
615	MAGNAFLUX BARREL	2/18/88	Pfel
	MAGNAFLUX BOLT	2/25/88	Pfe
620	COATING	3/21/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE ~~4~~
1118

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225300

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/8/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/8/88	RW
	C) Inspect Ejector Hole for Chamfer		9/8/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/8/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		8 Sept 88	J.W. + MS
	F) Safety on Force	4.25 4 4.25	8 Sept. 88	J.W. + MS
	G) Safety off Force	2.5 3 3.5	8 Sept 88	J.W. + MS
	H) Trigger Pull Test & Retainability		8 Sept 88	J.W. + MS
	I) Firing Pin Indent	.0215 .021 .021	8 Sept 88	J.W. + MS
	J) Assemble Stock		9/16/88	RW
	K) Assemble Swivel Studs		10-12-88	MS
	L) Attach Front & Rear Sight Assemblies		9/16/88	RW
	M) Iron Sight Alignment		9/16/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/16/88	RW
	O) Attach Scope to Rifle		10/4/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	Y.S.
640	Gallery Target & Test	54 R 101L	10-10-88	Ac
	A) Optical Clarity of Scope	OK	10-10-88	Ac
645	Inspect for Live Ammo	none	10-10-88	AC
655	Final Inspection			
	A) Headspace		10-12-88	MS
	B) Trigger Pull		10-14-88	MS
	C) Function		10-12-88	MS
660	Pack		10-21-88	Y.S.

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225300

DATE 8 Sept 88

TESTER J. U. + G. 8

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.19	2.47	2.75	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.34	2.50	2.77	
PULL #3	2.56	2.20	2.46	2.76	
PULL #4	2.57	2.41	2.50	2.68	
PULL #5	2.52	2.31	2.46	2.75	
TOTAL	12.79	11.45	12.39	13.71	
AVG.	2.558	2.29	2.478	2.742	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.29		
PULL #2	3.12	3.22		
PULL #3	3.23	3.30		
PULL #4	3.27	3.31		
PULL #5	3.30	3.19		
TOTAL	16.31	16.31		
AVG.	3.262	3.262		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.36		4.46
PULL #2	4.40	4.17		4.47
PULL #3	4.41	4.32		4.48
PULL #4	4.15	4.35		4.48
PULL #5	4.41	4.36		4.46
TOTAL	21.77	21.56		22.35
AVG.	4.354	4.312		4.47

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225300

CENTROIDAL DISTANCES

0 TO	1	1.25649
1 TO	2	.581581
1 TO	3	1.12098
1 TO	4	.799076
1 TO	5	.623501

2 1
+ 5 3
+ <-----POR

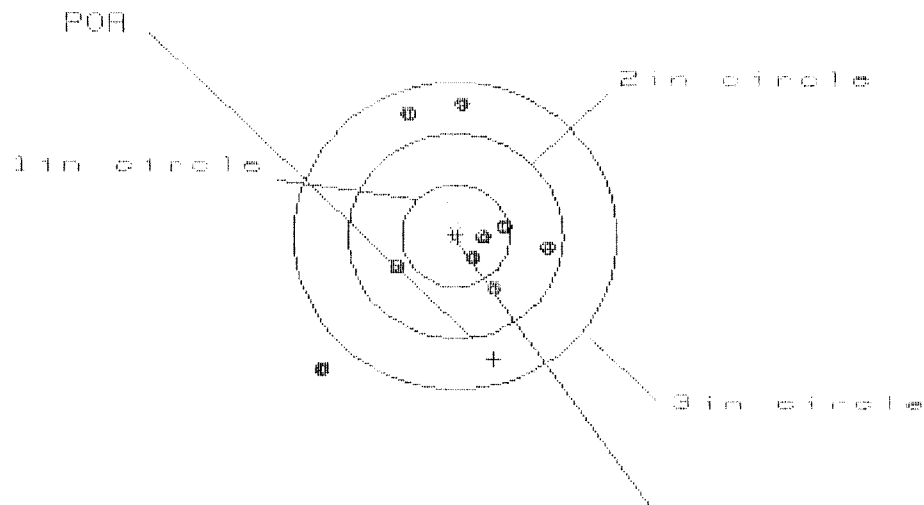
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .824864
THE AMR FOR THIS RIFLE IS: .8872

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C5225389

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 9

HS = 2.167

VS = 2.674

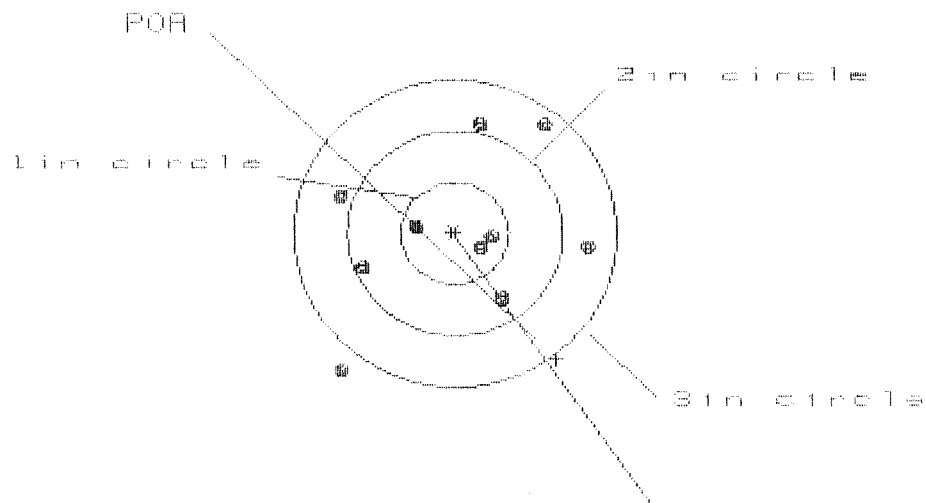
GS = 3.006

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.894	.752	.747
MINIMUM X	:	-1.273	-.647	-.652
MAXIMUM Y	:	1.337	1.189	1.195
MINIMUM Y	:	-1.337	-.679	-.531
CENTROID X	:	-.356	-.214	-.209
CENTROID Y	:	1.205	1.353	1.205
POA TO CENTROID in.	:	1.256	1.370	1.223
MIN RADIUS	:	.215	.184	.070
MEAN RADIUS	:	.776	.650	.521
MAX RADIUS	:	1.846	1.224	1.356
HORIZONTAL SPREAD	:	2.167	1.399	1.399
VERTICAL SPREAD	:	2.674	1.868	1.726
EXTREME SPREAD	:	3.006	1.908	1.908
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225388

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.278

VS= 2.387

GS= 3.040

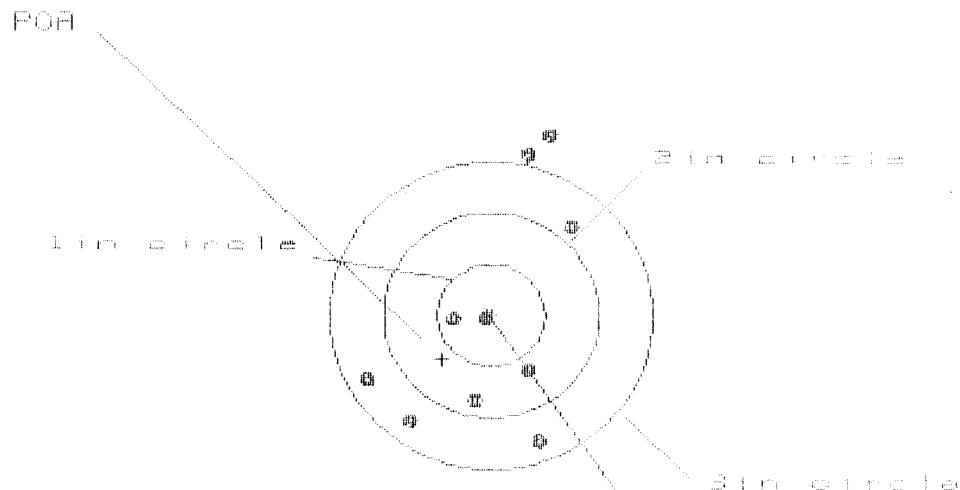
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.134	1.228
MINIMUM X	:	-1.030	-1.143	-1.049
MAXIMUM Y	:	1.094	.950	1.067
MINIMUM Y	:	-1.293	-.804	-.687
CENTROID X	:	-.937	-.823	-.917
CENTROID Y	:	1.231	1.375	1.258
POB TO CENTROID in.	:	1.547	1.602	1.557
MIN RADIUS	:	.241	.272	.244
MEAN RADIUS	:	.920	.839	.772
MAX RADIUS	:	1.653	1.203	1.237
HORIZONTAL SPREAD	:	2.278	2.277	2.277
VERTICAL SPREAD	:	2.387	1.754	1.754
EXTREME SPREAD	:	3.040	2.325	2.325
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CH225380

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in - 8

HS- 1.919

VS- 2.964

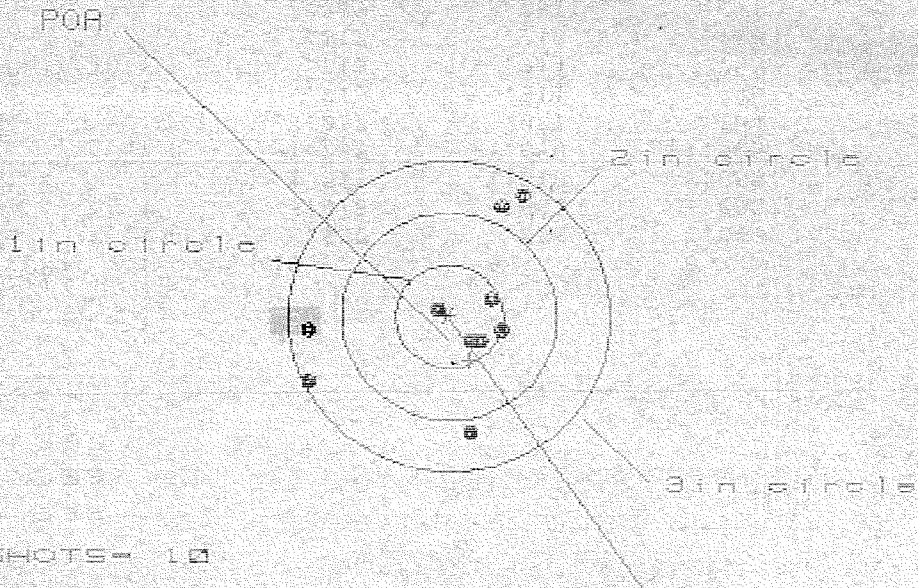
GS- 3.120

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.744	.810	.863
MINIMUM X	:	-1.175	-1.109	-1.056
MAXIMUM Y	:	1.784	1.789	1.339
MINIMUM Y	:	-1.180	-1.982	-1.759
CENTROID X	:	.452	.386	.333
CENTROID Y	:	.428	.230	.007
POA TO CENTROID in.	:	.622	.450	.333
MIN RADIUS	:	.088	.157	.376
MEAN RADIUS	:	1.041	.906	.765
MAX RADIUS	:	1.878	1.839	1.593
HORIZONTAL SPREAD	:	1.919	1.919	1.919
VERTICAL SPREAD	:	2.964	2.771	2.097
EXTREME SPREAD	:	3.120	2.853	2.491
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225380

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 5

2in = 5

3in = 10

HS= 2.000

VS= 2.268

GS= 2.710

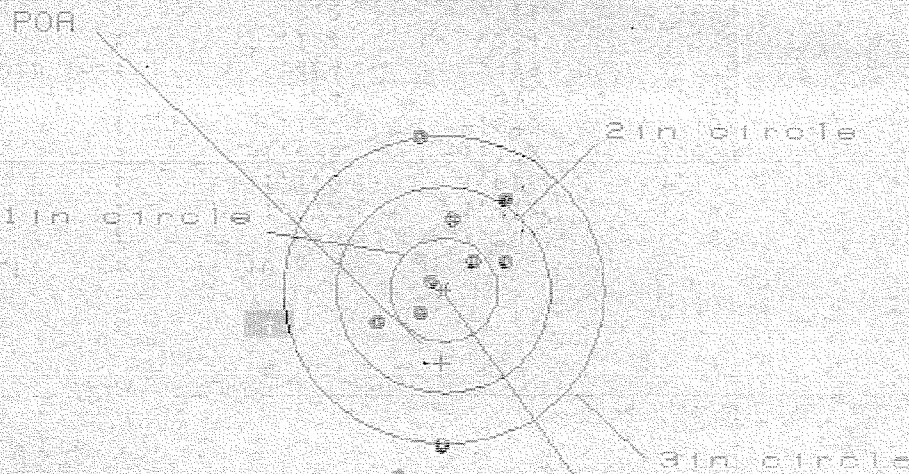
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.678	.531	.389
MINIMUM X	:	-1.322	-1.412	-1.345
MAXIMUM Y	:	1.170	1.096	1.123
MINIMUM Y	:	-1.098	-1.172	-1.034
CENTROID X	:	-.187	-.040	-.107
CENTROID Y	:	.424	.498	.360
POA TO CENTROID in.	:	.464	.499	.376
MIN RADIUS	:	.124	.234	.226
MEAN RADIUS	:	.810	.711	.634
MAX RADIUS	:	1.477	1.420	1.345
HORIZONTAL SPREAD	:	2.000	1.943	1.734
VERTICAL SPREAD	:	2.268	2.268	2.157
EXTREME SPREAD	:	2.710	2.312	2.170
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225300

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 1.238

VS= 3.302

GS= 3.307

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.620	.576	.543
MINIMUM X	:	-.618	-.662	-.695
MAXIMUM Y	:	1.517	1.318	.865
MINIMUM Y	:	-1.785	-1.690	-1.525
CENTROID X	:	.027	.071	.104
CENTROID Y	:	.713	.911	.746
POA TO CENTROID in.	:	.713	.914	.753
MIN RADIUS	:	.117	.218	.187
MEAN RADIUS	:	.889	.761	.691
MAX RADIUS	:	1.830	1.692	1.529
HORIZONTAL SPREAD	:	1.238	1.238	1.238
VERTICAL SPREAD	:	3.302	3.008	2.390
EXTREME SPREAD	:	3.307	3.014	2.478
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

COMMENTS

INITIAL	CUSTOMER ORDER NO.
JJM	

FROM:

SHIP TO:

RD6925 REV. 6/88

M2400165572

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				/	/	CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
						03		<i>Lungdmapai</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Weapons Pool Br</i> <i>Maint Div, DOL</i>		B. LOCATION <i>Bldg 9106</i> <i>Ft. Benning, Ga 31905</i>		C. UNIT IDENT CODE <i>W04255</i>			
2. SERIAL NO. <i>C6225300</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL <i>H</i>		8. UTILIZATION CODE <i>Q</i>		9A. MCSR ITEM		9B. ERC	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)		15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)							
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other		☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other							
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>Paint peeling off BARREL, STOCK FIBERS wearing through</i>									
B. REMARKS <i>Reconditioning Not Done - Rifle Checked & Repaired for Function Only - Remington Arms Co. Inc.</i>									
SECTION II - WORK ACCOMPLISHED									
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor			
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE					
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST	K. TOTAL PARTS COST		
						\$	\$		
21. DELAY (Select One)									
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools									
23. SUBMITTED BY <i>Lungdmapai</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One)									
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged									

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

RECEIVING ESTIMATING REPORT

COMMENTS

ORDER
R 97-11610INITIAL
JJM

CUSTOMER ORDER NO.

W/10X SCOPE # 87 1118

Scope # 87-1118

DATE RECEIVED
06/18/97DATE OPENED
06/18/97

DATE CODE

SERIAL NUMBER
C6225300

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

FROM:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING

GA 31905

SHIP TO:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING
GA
31905

CUST NO:080509 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

Trigger Adjusted outside of Factory

PARTS

COMMENTS

Barrel
Boit96003
96005Repailler Coat Trigger Guard
Assy, & Rear Sight BaseReZine Scope Base, Rings &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

JW

6-20-97

8-11-97

8-28-97

8-28-97

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	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																																													
DOC IDENT.		RI FROM		M & S		STOCK NUMBER										QUANTITY		DOCUMENT NUMBER										SUPPLEMENTARY ADDRESS										DISTRIBUTION										PROJECT										RECORD DEL DATE										ADVANCE										UNIT PRICE																																														
A5A AWL						1005-01-240-2136										EA00008		W33BQ9 7161 0114										CMBBAN MGZ																				03																				514500																																																								
SHIPPED FROM																									SHIP TO REMINGTON ARMS CO, INC																									MARK FOR																									PROJECT																									TOTAL PRICE																								
Supply & Services Division Whs 224 Fort Benning, GA 31905																									ATTN: Custom Shop 14 Hoefer Avenue Illion, NY 13357																									W33BSW 7161-0007 CONTRACT #DAA21-87-G001																																																		DOLLARS CTS																								
WAREHOUSE LOCATION										TYPE OF CARGO					UNIT PACK					UNIT WEIGHT					UNIT CUBE					UFC					NAFC					FREIGHT RATE					DOCUMENT DATE					MAT COND					QUANTITY																																																																					
F LGAA1										G					H					I					J					K					L					M					N					O					P					Q					R					S																																																						
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)																									FREIGHT CLASSIFICATION NOMENCLATURE																																																																																																			
T																									U																									V																																																																										
																									ITEM NOMENCLATURE																									C6225234, C6225253, C6225235, C6611569																																																																										
W																									M-24 SNIPER RIFLE SN: C6225129, C6225300, C6225155, C6348905																																																																																																			
SELECTED BY AND DATE										TYPE OF CONTAINER(S)										TOTAL WEIGHT										RECEIVED BY AND DATE										INSPECTED BY AND DATE																																																																																				
1										2										3										7										8																																																																																				
PACKED BY AND DATE										NO. OF CONTAINER(S)										TOTAL CUBE										WAREHOUSED BY AND DATE										WAREHOUSE LOCATION																																																																																				
5										6										9										10																																																																																														
REMARKS																																																																																																																												
SHIP US REGISTERED RETURN RECEIPT REQUESTED																																																																																																																												
AA																									CC																									DD																									EE																																																	
FIRST DESTINATION ADDRESS																									DATE SHIPPED																																																																																																			
11																									12																									FF																									GG																																																	
13 TRANSPORTATION CHARGEABLE TO																									14 B/LADING, AWS, OR RECEIVER'S SIGNATURE (AND DATE)																									15 RECEIVER'S DOCUMENT NUMBER																																																																										

DD Form 1348-1, JUL 91

PREVIOUS EDITION MAY BE USED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER		1b. CUSTOMER UNIT NAME		1c. PHONE NO		3a. WORK ORDER NUMBER (WON)	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE		2c. MCSR		3b. SHOP	
						3c. PHONE NO	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE		6. ID		7. NSN		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751	
						15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	
8. MODEL		9. NOUN		10a. ORG WON/DOC NO		10b. EIC	
11. SERIAL NUMBER		12. QTY		13. PD		17. PROJECT CODE (if assigned)	
						18. ACCOUNT PROCESSING CODE	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)						19. IN WARRANTY? (enter Y or N)	
						20. ADMIN NO	
						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)							
Shout RC 10236							
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 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.			
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.			
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE		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.	
34b. DATE		35b. STATUS		35d. TIME			

DA FORM 2407, JUL 94

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

RECEIPT COPY 1

21 DAY TURN - AROUND

*New
Barrel*

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225300*

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>6-20-97</i>	<i>JA</i>
605	CHECK HEADSPACE	<i>6-20-97</i>	<i>JA</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>8-11-97</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>8-28-97</i>	<i>JW</i>
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225300

DATE REC'D: 6-18-97

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 Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225300
28 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0726
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0897697

THE AMR FOR THIS RIFLE IS: 1.09

CENTROIDAL DISTANCES

0 TO	1	.222171
1 TO	2	.36367
1 TO	3	.349954
1 TO	4	.553148
1 TO	5	.279732

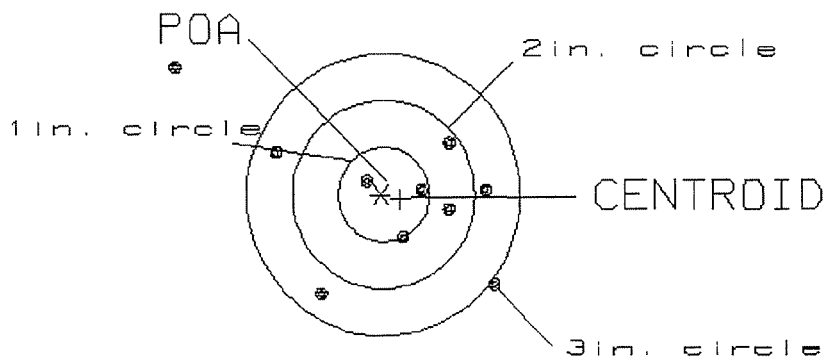
1 -5
2 4 <----POA

PATTERN #: 1
 POA TO CENTROID: .222
 MIN RADIUS : .264
 MEAN RADIUS : 1.066
 MAX RADIUS : 2.619
 CENTROID X : -.216
 CENTROID Y : .052

28 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225388

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.42

2

VS= 2.34

5

GS= 4.13

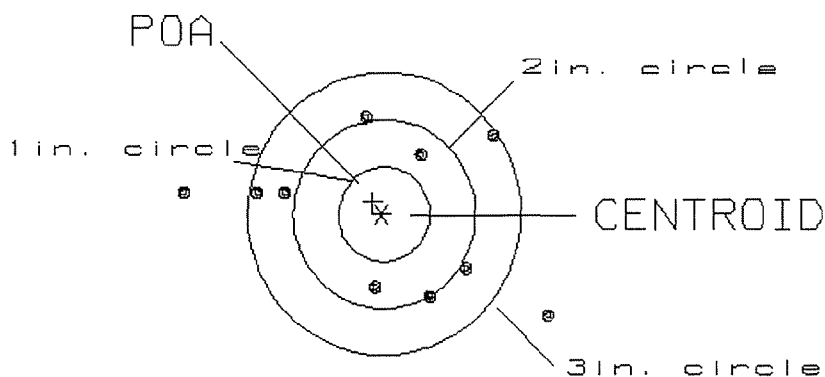
8

PATTERN #: 2
 POA TO CENTROID: .162
 MIN RADIUS : .749
 MEAN RADIUS : 1.290
 MAX RADIUS : 2.198
 CENTROID X : .100
 CENTROID Y : -.128

28 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225300

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.01
 VS= 2.08
 GS= 4.21

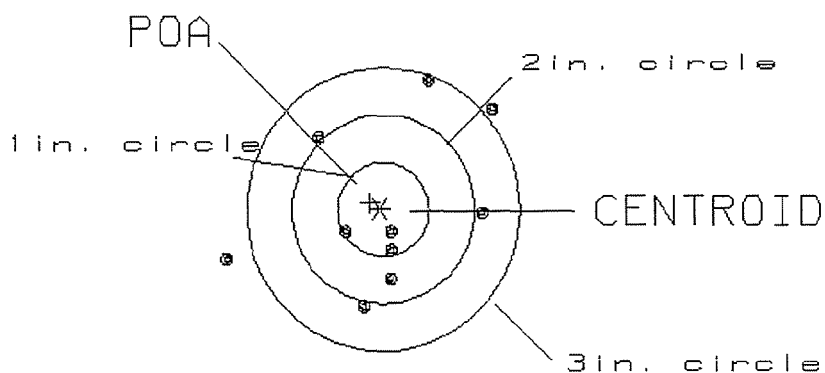
0
 3
 8

PATTERN #: 3
 POA TO CENTROID: .132
 MIN RADIUS : .281
 MEAN RADIUS : .979
 MAX RADIUS : 1.794
 CENTROID X : .112
 CENTROID Y : -.070

28 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225388

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.84

3

VS= 2.31

4

GS= 3.30

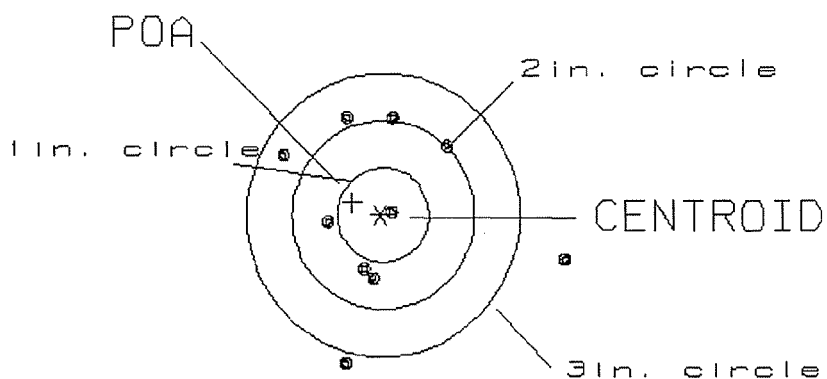
8

PATTERN #: 4
 POA TO CENTROID: .332
 MIN RADIUS : .128
 MEAN RADIUS : 1.015
 MAX RADIUS : 2.031
 CENTROID X : .306
 CENTROID Y : -.131

28 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225300

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.10

1

VS= 2.69

5

GS= 3.28

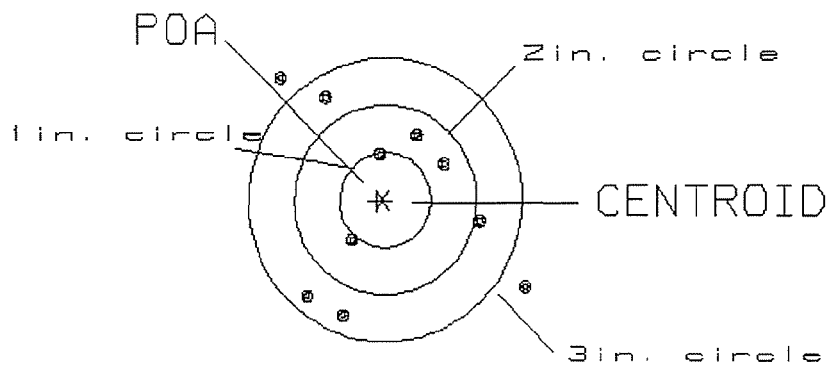
8

PATTERN #: 5
 POA TO CENTROID: .062
 MIN RADIUS : .474
 MEAN RADIUS : 1.101
 MAX RADIUS : 1.768
 CENTROID X : .061
 CENTROID Y : .013

28 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225300

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.61
 VS= 2.48
 GS= 3.41

1
 4
 5