

G-6414335
Replace
C-6225592

07/22/09 10:27:53

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: RE00171639

Serial: G6414335 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/21/2009 12:57:41 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SD ARMS ROOM

SD ARMS ROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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
A026	Scope	1
A045	Bi Pod	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglej

7/22/2009

10:27 AM

CAPS

NUM

INS

SCAL

start

Arms Services Repair

10:27 AM

Serial Number: **G6414335**
 Model: **M24 SWS**

RE00171639

MI-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER

171639

SERIAL NUMBER

G6414335

LOG-IN DATE

7-21-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-22-09	RT
505	RE-BARREL	7-23-09	RT
420	ASSEMBLE	7-23-09	RT
440	PROOF	7-23-09	RT
460	CHECK HEADSPACE	7-23-09	RT
470	DIS-ASSEMBLE GUN	7-23-09	RT
480	MAGNAFLUX	7-23-09	RT
510	DRILL AND TAP	7-24-09	RT
500	ROLLMARK CALIBER	7-28-09	RT
520	GOFF BLAST BBL / REC	7-30-09	RT
530 & 540	APPLY COATINGS	8-1-09	RT
560	FINAL ASSEMBLY	8-4-09	RT
640	FUNCTION TEST AND	8-6-09	RP
650	TARGET	8-6-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-6-09	RP
	A) HEADSPACE	(PASS) FAIL	8-7-09
	B) TRIGGER PULL	276 280 285 296 274	8-7-09
680	F) SAFETY ON FORCE	40 40 40	8-7-09
	G) SAFETY OFF FORCE	60 60 60	8-7-09
	I) FIRING PIN INDENT	.021 .021 .021	8-7-09
690	PACK		8-7-09

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414335.__1
FILE DATE AND TIME: 08/07/2009 05:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.117
The Average Y Centroid of the Five Target Set:	0.084
The Average Point of Impact of the Five Target Set:	0.144
The Average Mean Radius of the Five Target Set:	0.763
The Distance from POA to Centroid Target #1:	0.257
The Distance from Centroid Target #2 to Centroid Target #1:	0.224
The Distance from Centroid Target #3 to Centroid Target #1:	0.148
The Distance from Centroid Target #4 to Centroid Target #1:	0.404
The Distance from Centroid Target #5 to Centroid Target #1:	0.128

SERIAL NUMBER: G6414335. __1

TARGET NUMBER: 1

FILE DATE: 08/07/2009

FILE TIME: 05:50

X CENTROID: 0.062

Y CENTROID: 0.250

POA TO CENTROID: 0.257

HORZ SPREAD: 2.591

VERT SPREAD: 2.057

GROUP SPREAD: 2.812

MIN RADIUS: 0.314

MAX RADIUS: 1.623

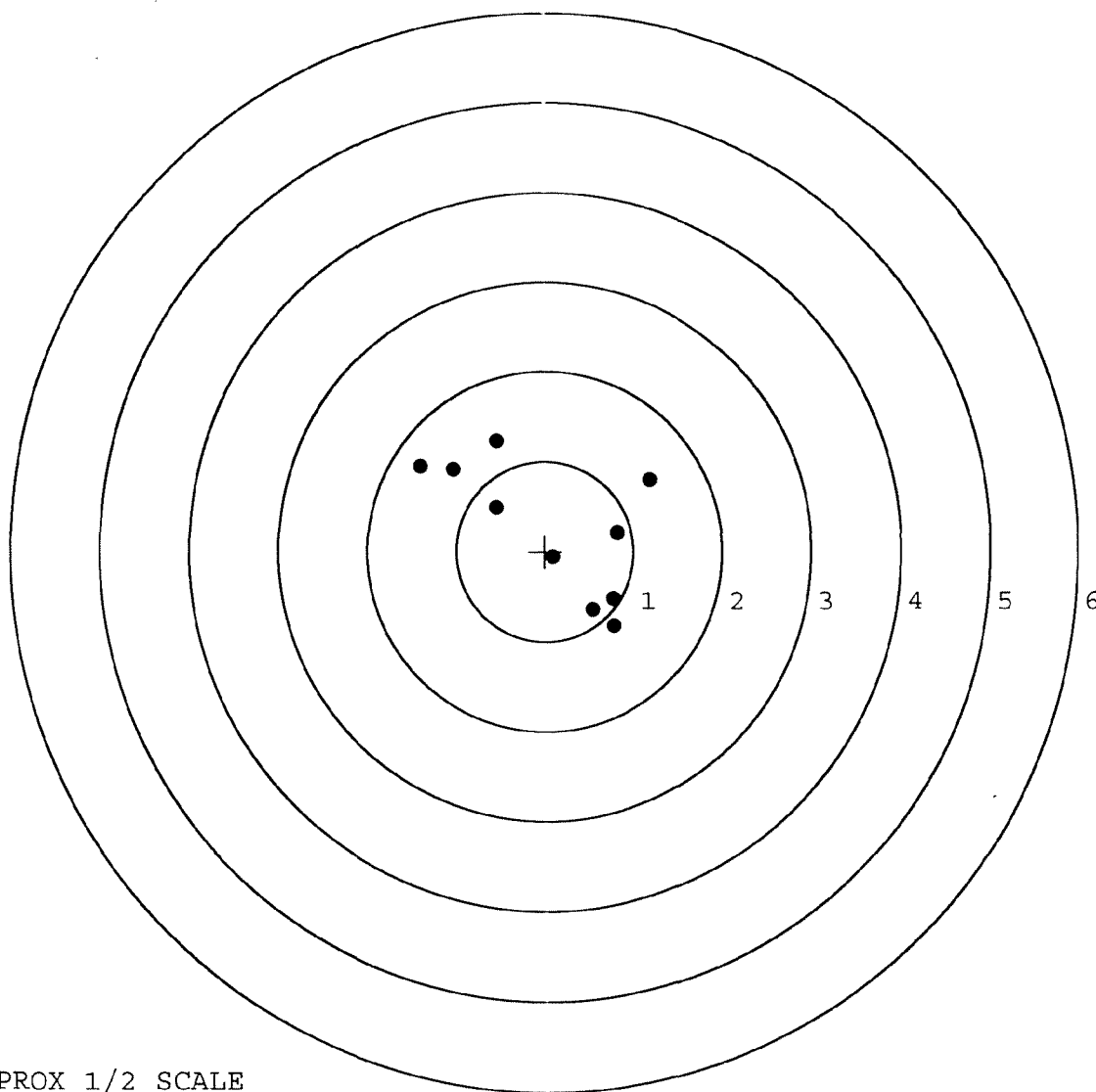
MEAN RADIUS: 1.039

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.405	0.944
2:	-1.035	0.907
3:	-0.550	1.224
4:	-0.555	0.493
5:	1.186	0.793
6:	0.810	0.211
7:	0.089	-0.063
8:	0.775	-0.833
9:	0.767	-0.528
10:	0.539	-0.651

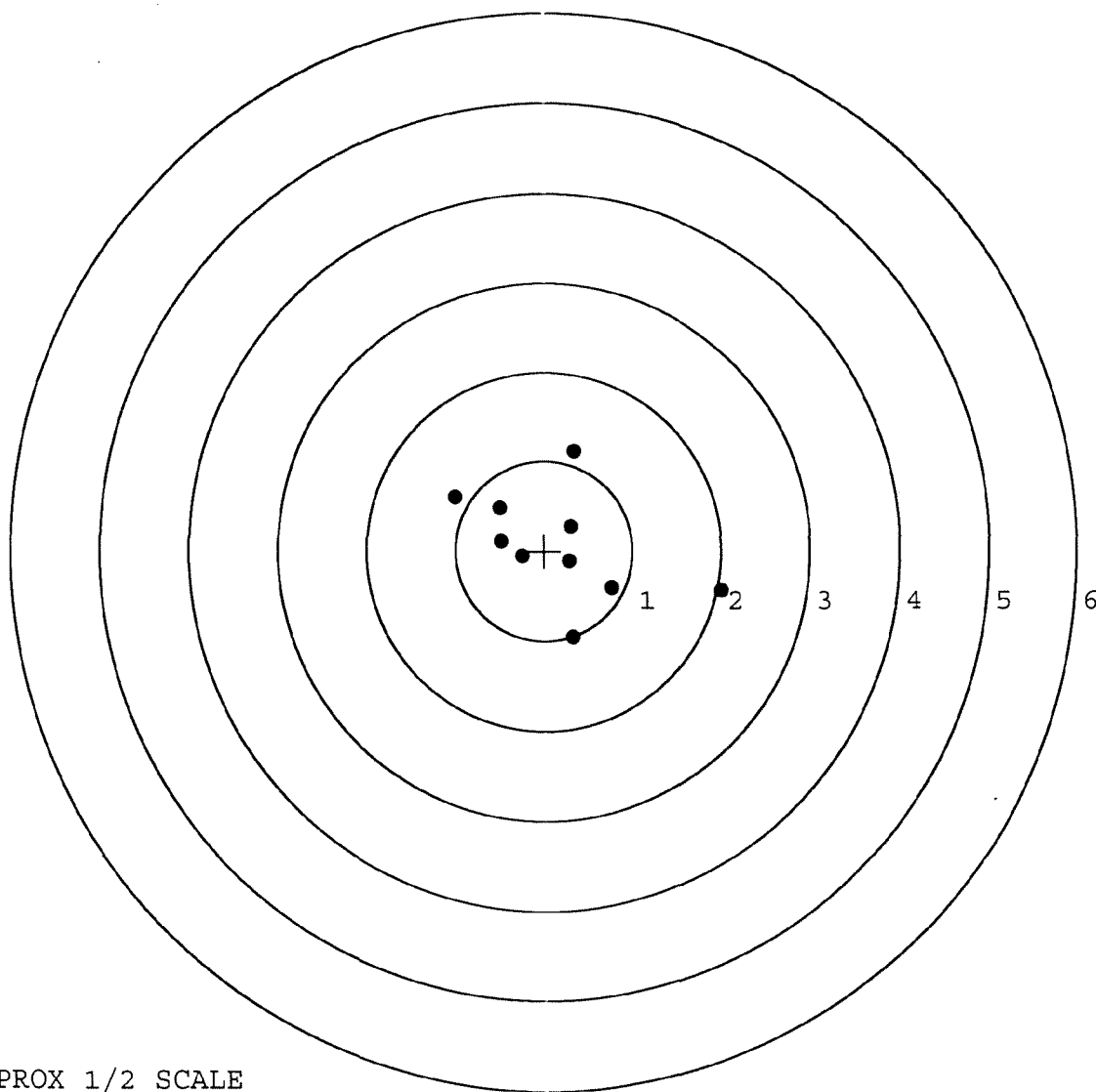


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __1
TARGET NUMBER: 2
FILE DATE: 08/07/2009
FILE TIME: 05:50

X CENTROID: 0.174
Y CENTROID: 0.056
POA TO CENTROID: 0.183
HORZ SPREAD: 3.017
VERT SPREAD: 2.071
GROUP SPREAD: 3.192
MIN RADIUS: 0.207
MAX RADIUS: 1.897
MEAN RADIUS: 0.842
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	2.004	-0.446
2:	0.321	-0.960
3:	0.762	-0.418
4:	0.337	1.111
5:	-1.013	0.595
6:	-0.509	0.480
7:	-0.492	0.108
8:	-0.249	-0.062
9:	0.299	0.273
10:	0.284	-0.119



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __1

TARGET NUMBER: 3

FILE DATE: 08/07/2009

FILE TIME: 05:50

X CENTROID: 0.041

Y CENTROID: 0.103

POA TO CENTROID: 0.111

HORZ SPREAD: 1.658

VERT SPREAD: 1.659

GROUP SPREAD: 2.127

MIN RADIUS: 0.136

MAX RADIUS: 1.126

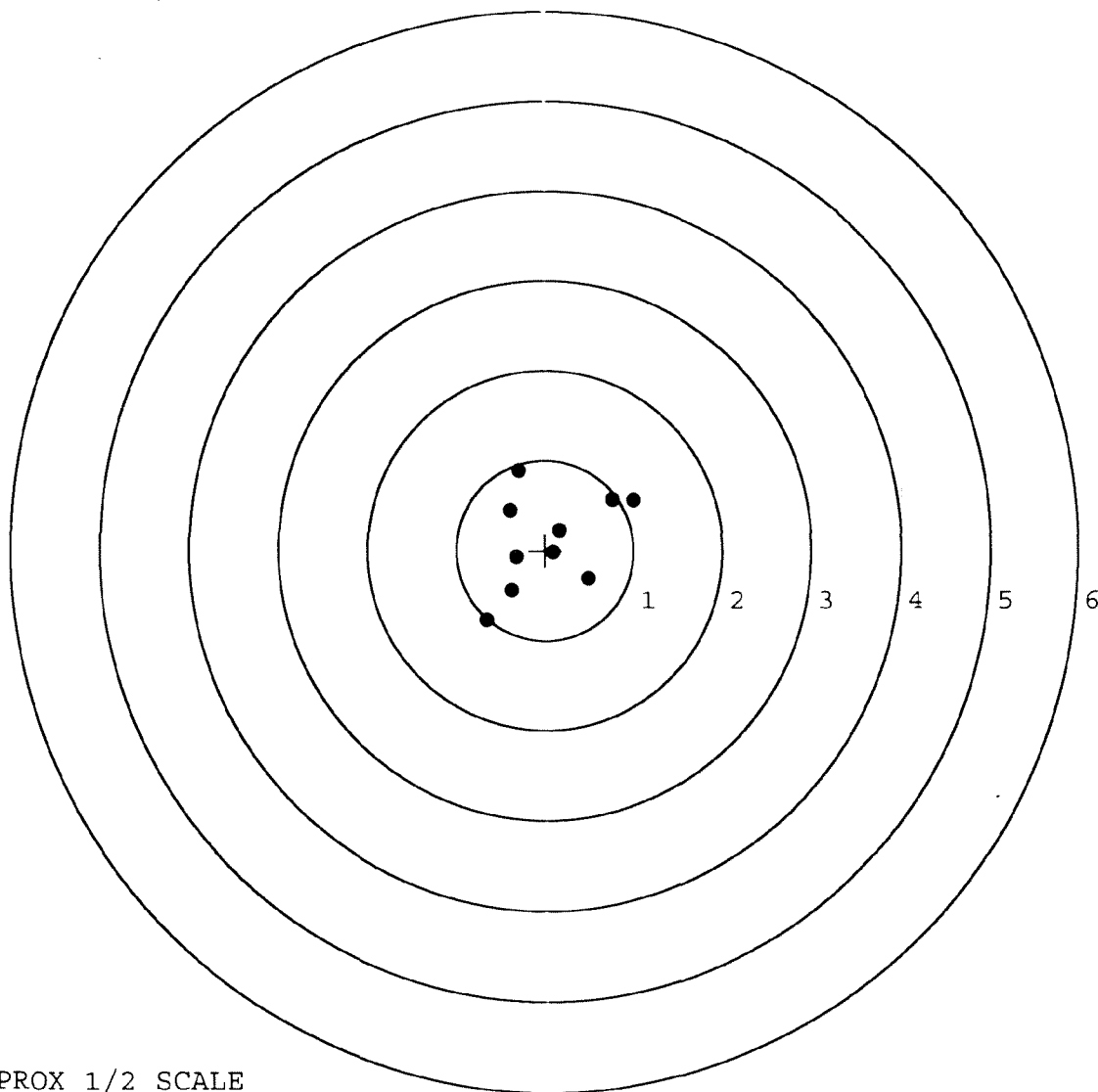
MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.298	0.883
2:	-0.405	0.440
3:	0.995	0.556
4:	0.761	0.566
5:	0.159	0.226
6:	0.489	-0.316
7:	0.088	-0.025
8:	-0.663	-0.776
9:	-0.384	-0.447
10:	-0.332	-0.078



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __1

TARGET NUMBER: 4

FILE DATE: 08/07/2009

FILE TIME: 05:50

X CENTROID: 0.247

Y CENTROID: -0.110

POA TO CENTROID: 0.270

HORZ SPREAD: 2.327

VERT SPREAD: 2.322

GROUP SPREAD: 2.367

MIN RADIUS: 0.254

MAX RADIUS: 1.554

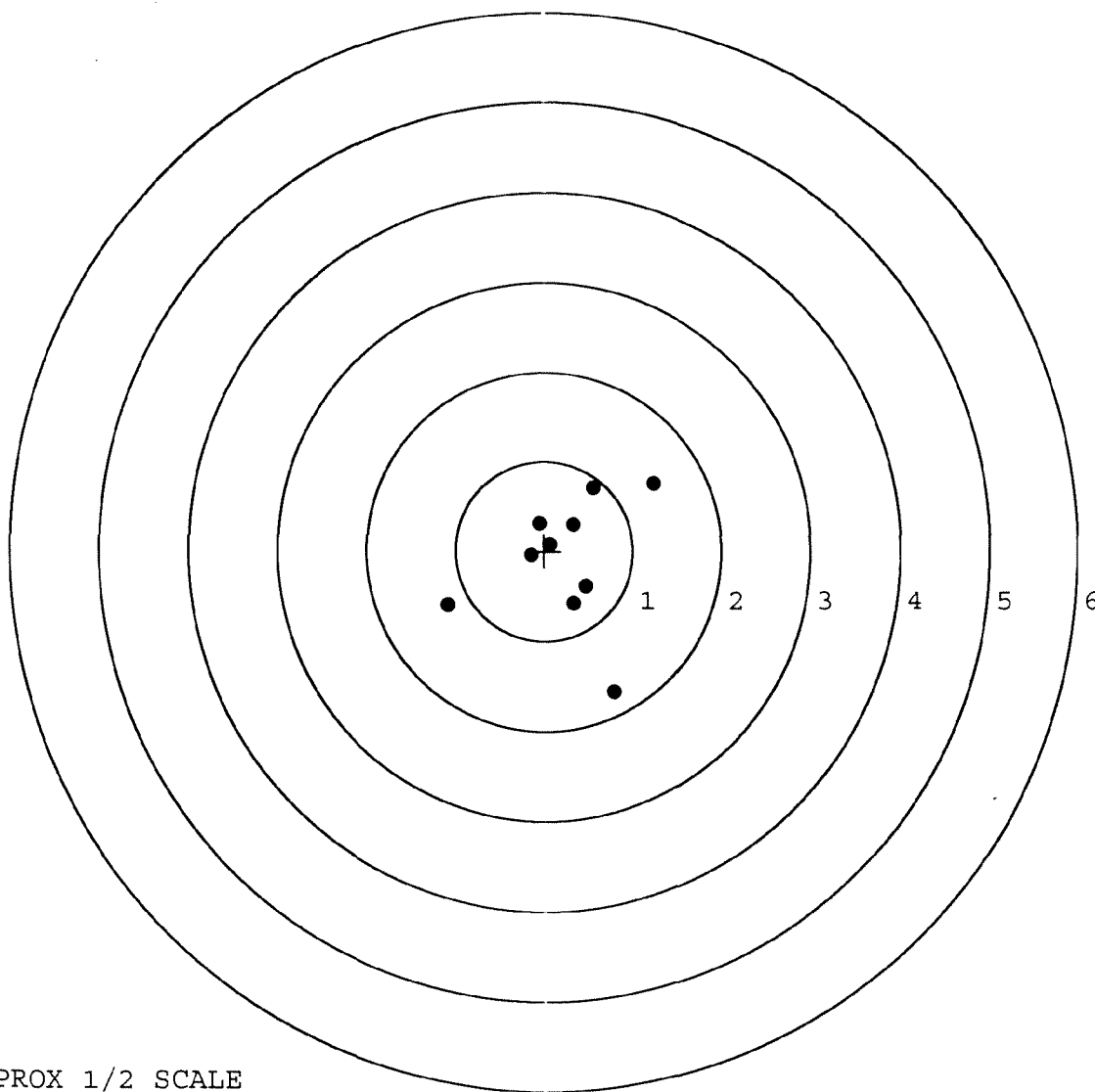
MEAN RADIUS: 0.760

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.783	-1.569
2:	-1.087	-0.607
3:	1.240	0.753
4:	0.560	0.701
5:	0.332	-0.588
6:	0.471	-0.398
7:	0.326	0.292
8:	0.065	0.067
9:	-0.153	-0.049
10:	-0.066	0.300



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __1

TARGET NUMBER: 5

FILE DATE: 08/07/2009

FILE TIME: 05:50

X CENTROID: 0.062

Y CENTROID: 0.122

POA TO CENTROID: 0.136

HORZ SPREAD: 1.082

VERT SPREAD: 1.220

GROUP SPREAD: 1.264

MIN RADIUS: 0.248

MAX RADIUS: 0.771

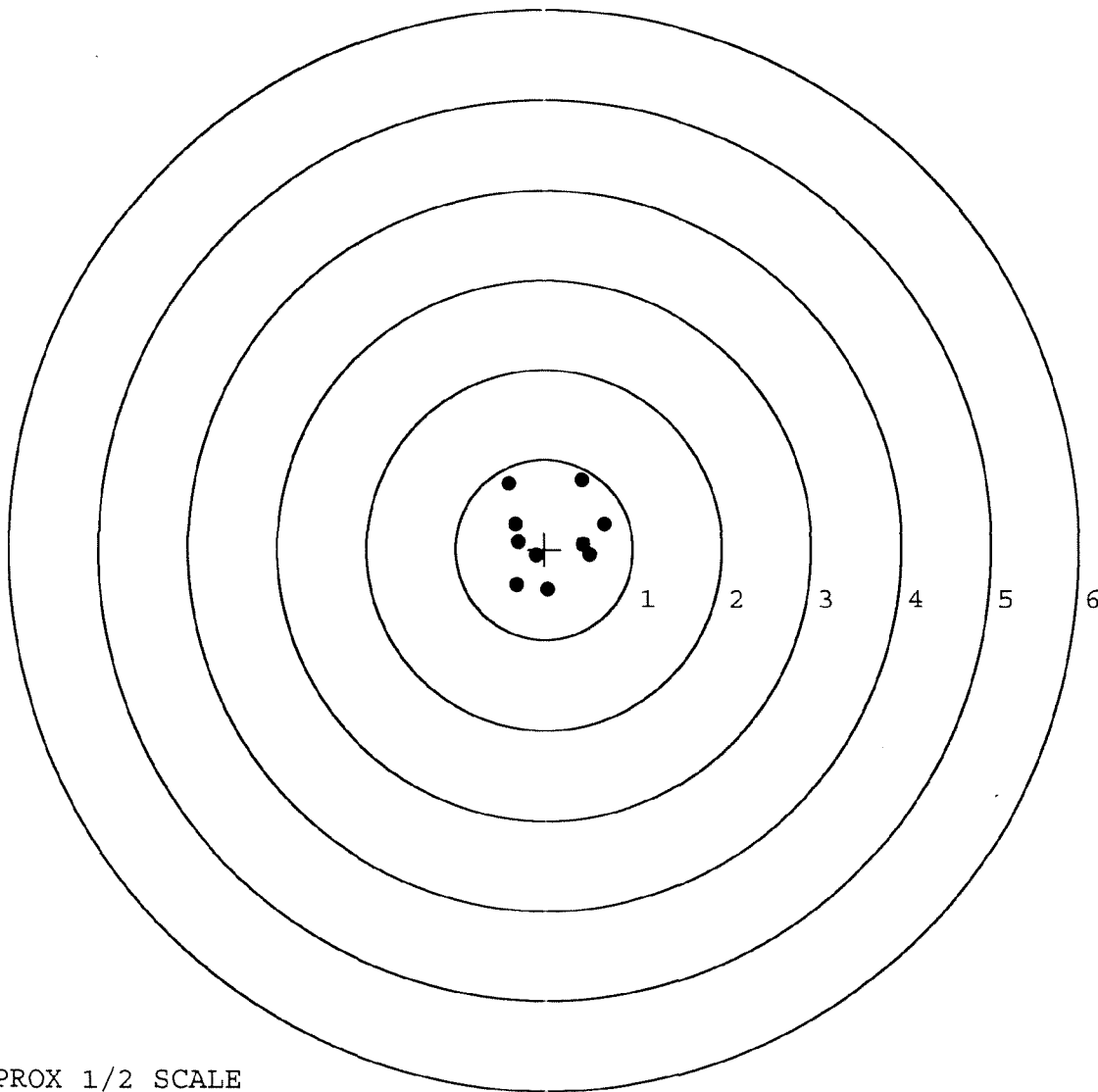
MEAN RADIUS: 0.525

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.411	0.731
2:	-0.334	0.275
3:	-0.297	0.085
4:	0.417	0.770
5:	0.671	0.274
6:	0.509	-0.065
7:	0.039	-0.450
8:	-0.314	-0.395
9:	-0.099	-0.068
10:	0.435	0.059



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00127607

Serial: G6414335 Model M24 SWS Center Fire
Produced: 10/10/2005

Repairman:

Verify Repair

Status:

New 4/3/2007 1:48:02 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: PR 0101 AB BDE 04 HOME DET

PR 0101 AB BDE 04 HOME DET

Address 1: BLDG 5207 CRP

BLDG 5207 CRP

Address 2: 8TH AND DESERT STORM AVE

PO Box:

8TH AND DESERT STORM AVE

PO Box:

City: FT CAMPBELL

FT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 615 896 2938

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

4/9/2007

9:04 AM

CAPS

NUM

INS

SCRL

start

4 Micros...

6 Micros...

8 Intern...

Part Sear...

Arms Ser...

9:04 AM

Serial Number: G6414335

Model: M24 SWS



RE00127607

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414335.__0

FILE DATE AND TIME: 05/10/2007 23:23

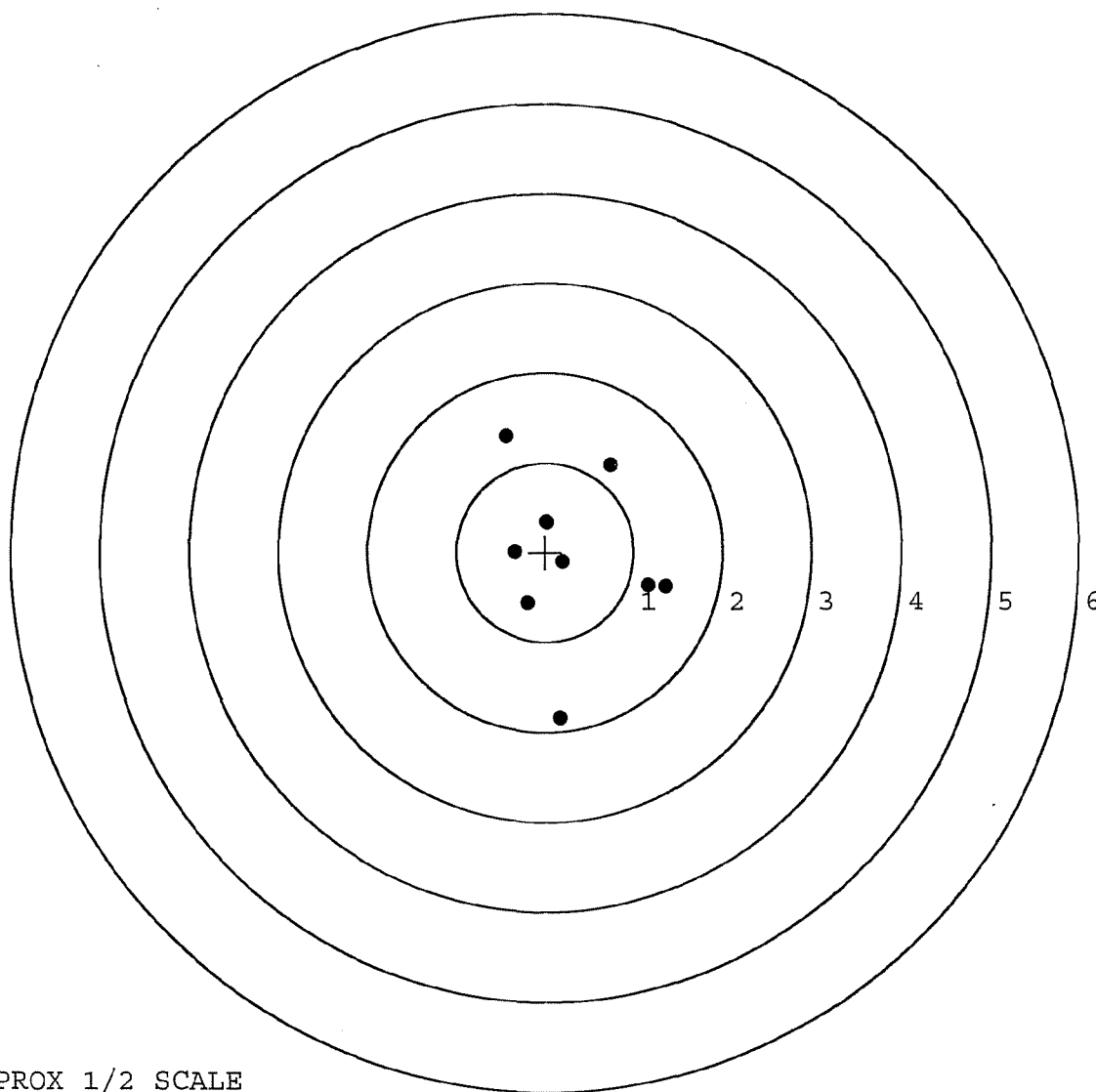
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.190
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.190
The Average Mean Radius of the Five Target Set:	0.738
The Distance from POA to Centroid Target #1:	0.269
The Distance from Centroid Target #2 to Centroid Target #1:	0.130
The Distance from Centroid Target #3 to Centroid Target #1:	0.167
The Distance from Centroid Target #4 to Centroid Target #1:	0.242
The Distance from Centroid Target #5 to Centroid Target #1:	0.266

SERIAL NUMBER: G6414335. __0
TARGET NUMBER: 1
FILE DATE: 05/10/2007
FILE TIME: 23:23

X CENTROID: 0.267
Y CENTROID: -0.036
POA TO CENTROID: 0.269
HORZ SPREAD: 1.809
VERT SPREAD: 3.145
GROUP SPREAD: 3.205
MIN RADIUS: 0.102
MAX RADIUS: 1.818
MEAN RADIUS: 0.888
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.016	0.335
2:	-0.446	1.294
3:	0.740	0.974
4:	1.363	-0.387
5:	1.164	-0.377
6:	0.170	-1.851
7:	-0.201	-0.571
8:	-0.345	-0.005
9:	0.013	0.342
10:	0.197	-0.110



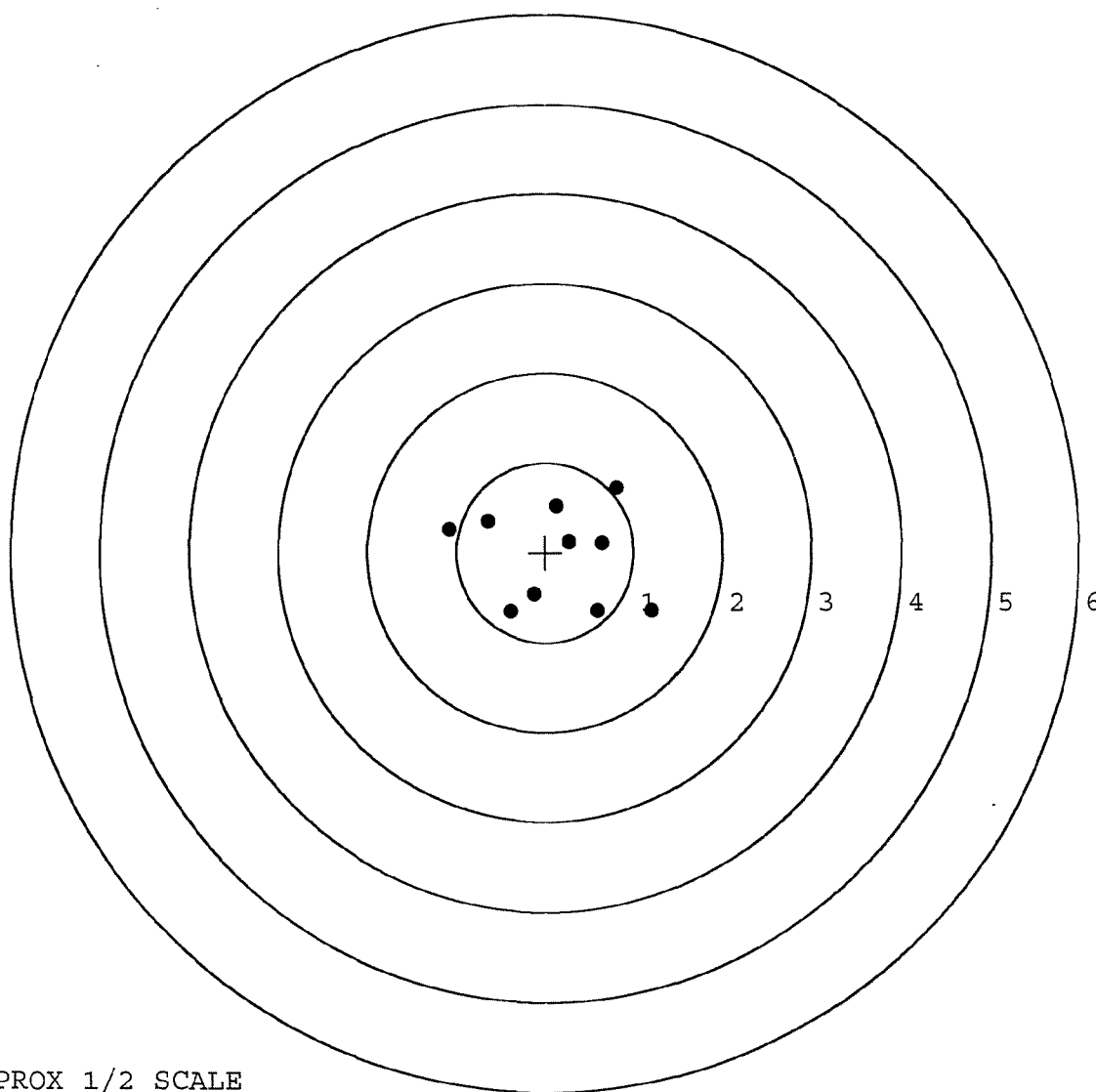
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __0
TARGET NUMBER: 2
FILE DATE: 05/10/2007
FILE TIME: 23:23

X CENTROID: 0.137
Y CENTROID: -0.038
POA TO CENTROID: 0.142
HORZ SPREAD: 2.288
VERT SPREAD: 1.377
GROUP SPREAD: 2.458
MIN RADIUS: 0.204
MAX RADIUS: 1.257
MEAN RADIUS: 0.773

POINT#	X	Y
1:	-1.086	0.250
2:	-0.647	0.342
3:	-0.395	-0.662
4:	-0.133	-0.463
5:	0.593	-0.650
6:	1.202	-0.648
7:	0.643	0.101
8:	0.267	0.120
9:	0.124	0.518
10:	0.806	0.715

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

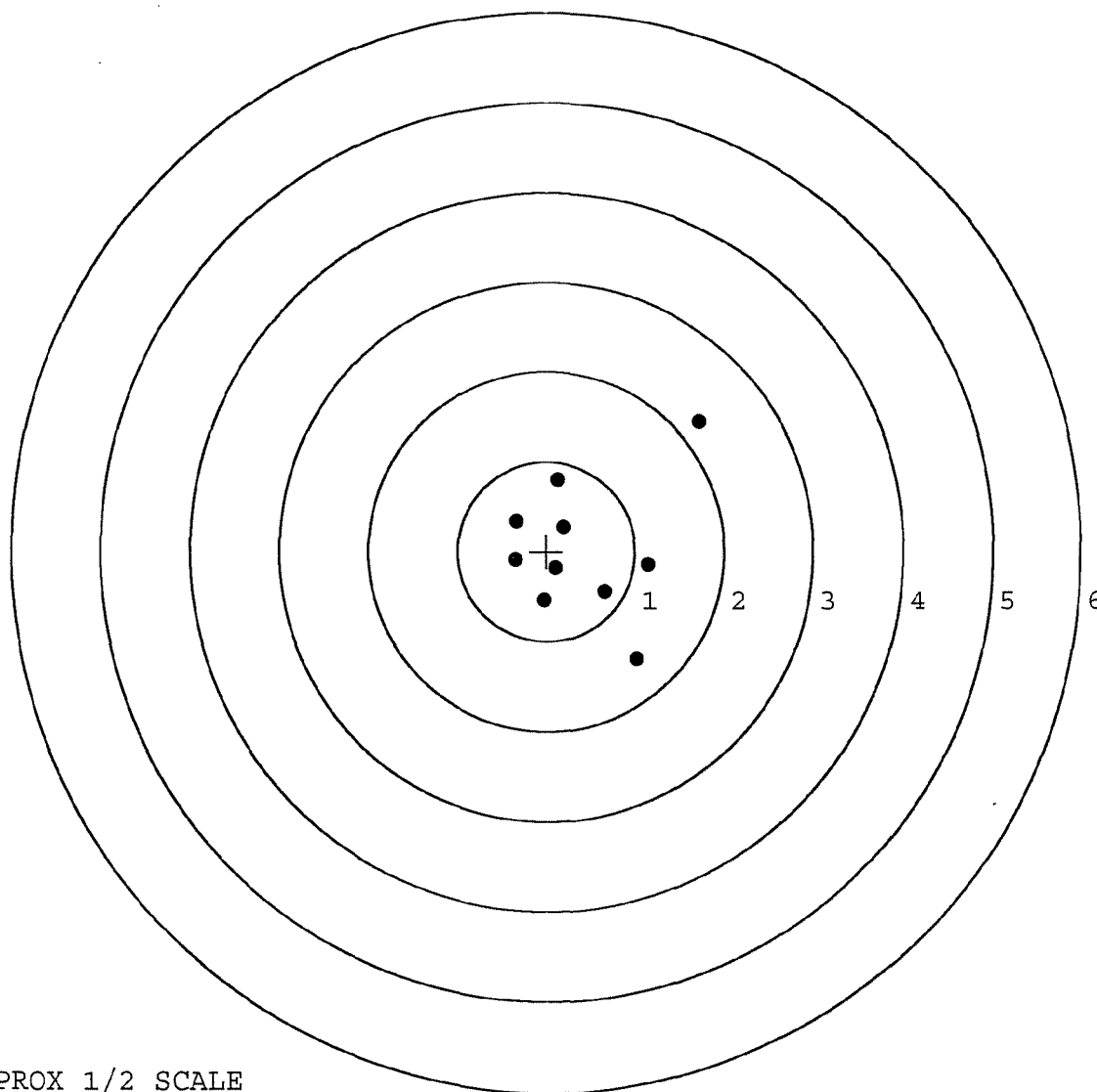


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __0
TARGET NUMBER: 3
FILE DATE: 05/10/2007
FILE TIME: 23:23

X CENTROID: 0.425
Y CENTROID: 0.020
POA TO CENTROID: 0.425
HORZ SPREAD: 2.076
VERT SPREAD: 2.649
GROUP SPREAD: 2.741
MIN RADIUS: 0.344
MAX RADIUS: 1.928
MEAN RADIUS: 0.847
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.346	0.334
2:	-0.351	-0.094
3:	0.100	-0.191
4:	-0.029	-0.551
5:	0.190	0.272
6:	0.131	0.794
7:	1.725	1.444
8:	1.150	-0.152
9:	0.657	-0.450
10:	1.021	-1.205

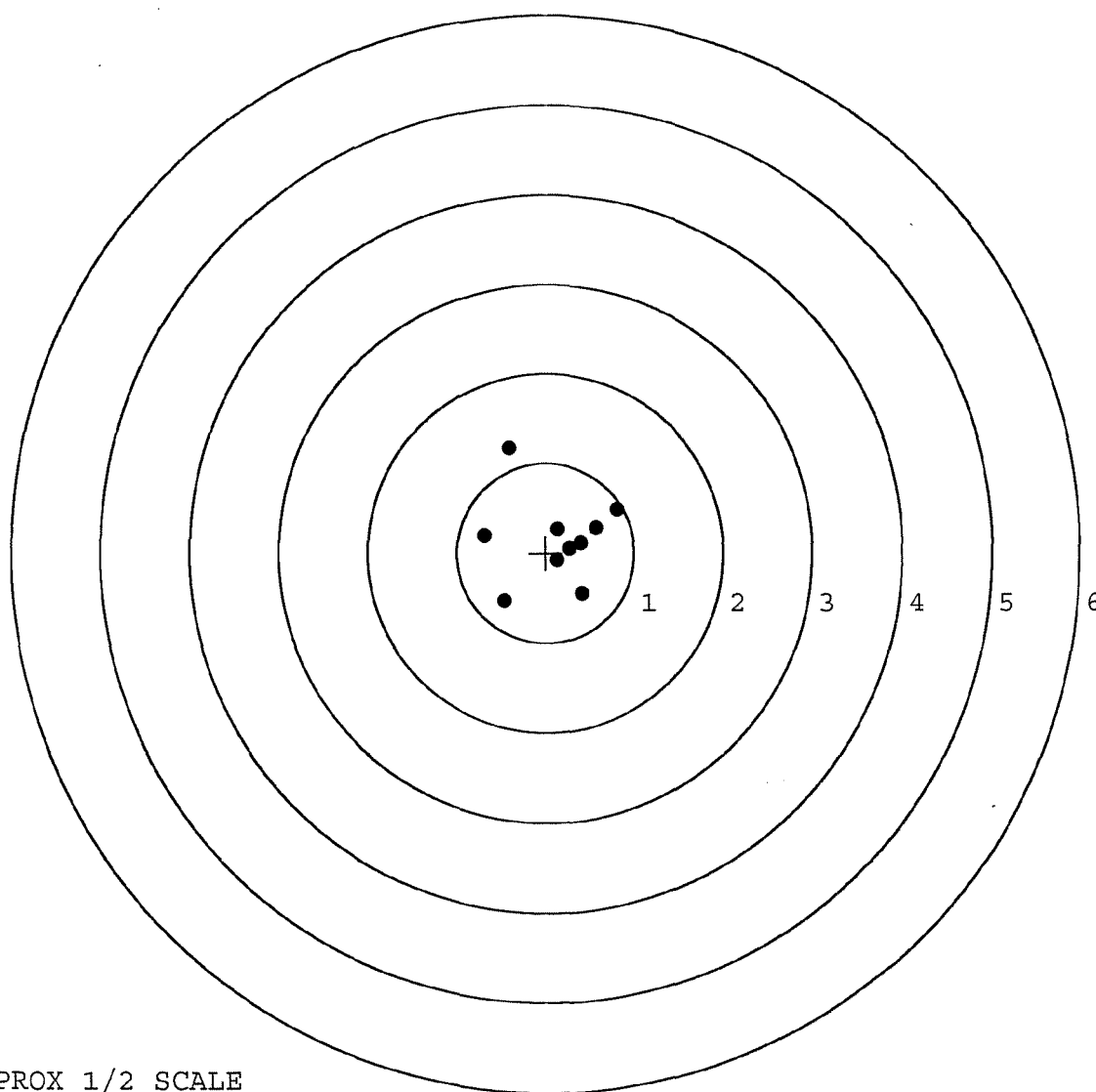


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __0
TARGET NUMBER: 4
FILE DATE: 05/10/2007
FILE TIME: 23:23

X CENTROID: 0.112
Y CENTROID: 0.150
POA TO CENTROID: 0.187
HORZ SPREAD: 1.497
VERT SPREAD: 1.700
GROUP SPREAD: 1.813
MIN RADIUS: 0.113
MAX RADIUS: 1.147
MEAN RADIUS: 0.558
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.419	1.166
2:	0.803	0.488
3:	-0.694	0.195
4:	-0.467	-0.534
5:	0.407	-0.448
6:	0.565	0.280
7:	0.128	0.262
8:	0.130	-0.082
9:	0.398	0.117
10:	0.273	0.055



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __0

TARGET NUMBER: 5

FILE DATE: 05/10/2007

FILE TIME: 23:23

POINT#	X	Y
1:	-0.248	0.472
2:	-0.024	0.770
3:	0.603	0.542
4:	0.251	0.150
5:	0.024	0.047
6:	0.371	-0.345
7:	0.310	-0.726
8:	-0.209	-1.176
9:	-0.360	-0.386
10:	-0.653	-0.259

X CENTROID: 0.006

Y CENTROID: -0.091

POA TO CENTROID: 0.091

HORZ SPREAD: 1.256

VERT SPREAD: 1.946

GROUP SPREAD: 1.955

MIN RADIUS: 0.139

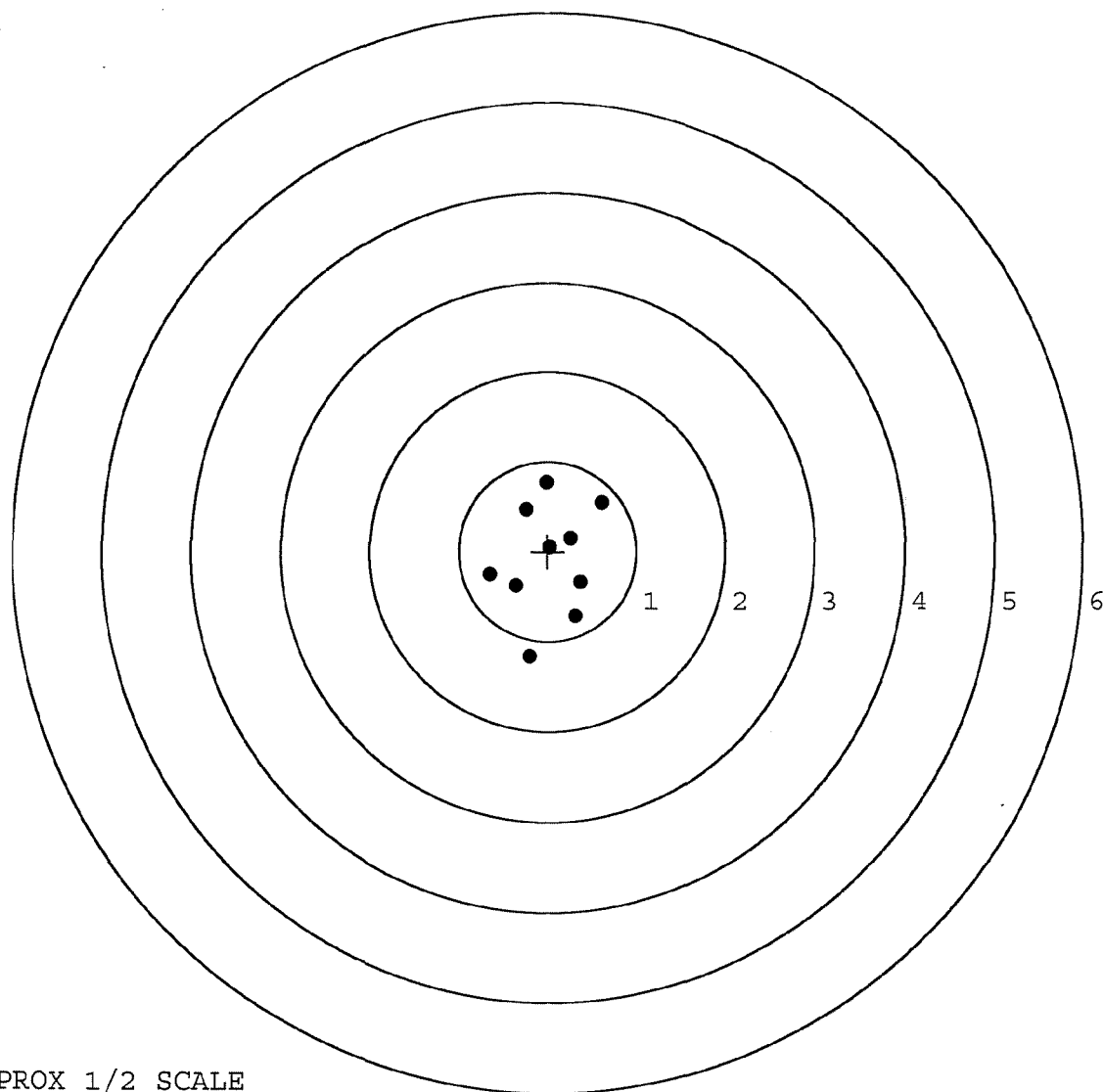
MAX RADIUS: 1.106

MEAN RADIUS: 0.624

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>127607</u>			
SERIAL NUMBER <u>G6414335</u>			
LOG-IN DATE <u>4-20-07</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-27-07	RTZ
505	RE-BARREL	4-30-07	RTZ
560	ASSEMBLE	4-30-07	RTZ
600	PROOF	5-1-07	TRW
605	CHECK HEADSPACE	5-1-07	TRW
610	DIS-ASSEMBLE GUN	5-1-07	RTZ
612	MAGNAFLUX	5-2-07	RTZ <i>uncl</i>
510	DRILL AND TAP	5-1-07	FM
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-2-07	UB
620	APPLY COATINGS	5-5-07	WR
625	FINAL ASSEMBLY	5-10-07	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	5/10/07 <i>WR</i>
650	TARGET	<u>PASS</u> FAIL	5/10/07 <i>WR</i>
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-15-07	RTA
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	
		2.16 2.43 2.41 2.46 2.52	5-11-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	
		7.25 7.5 7.5	5-11-07 TRW
	G) SAFETY OFF FORCE	2 LBS MAX	
		2.5 2.25 2.0	5-11-07 TRW
	I) FIRING PIN INDENT	.020	
		.022 .023 .022	5-11-07 TRW
690	PACK	5-15-07	RTA

6641 4335

Serial Number: **C6225592**

Model: M24 SWS



RE00087 1 4 1

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414335.___0
FILE DATE AND TIME: 11/29/2004 11:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.044
The Average Y Centroid of the Five Target Set:	-0.150
The Average Point of Impact of the Five Target Set:	0.156
The Average Mean Radius of the Five Target Set:	0.707
The Distance from POA to Centroid Target #1:	0.247
The Distance from Centroid Target #2 to Centroid Target #1:	0.304
The Distance from Centroid Target #3 to Centroid Target #1:	0.153
The Distance from Centroid Target #4 to Centroid Target #1:	0.209
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

SERIAL NUMBER: G6414335. 0

TARGET NUMBER: 1

FILE DATE: 11/29/2004

FILE TIME: 11:54

X CENTROID: -0.210

Y CENTROID: -0.129

POA TO CENTROID: 0.247

HORZ SPREAD: 1.771

VERT SPREAD: 1.704

GROUP SPREAD: 2.021

MIN RADIUS: 0.387

MAX RADIUS: 1.264

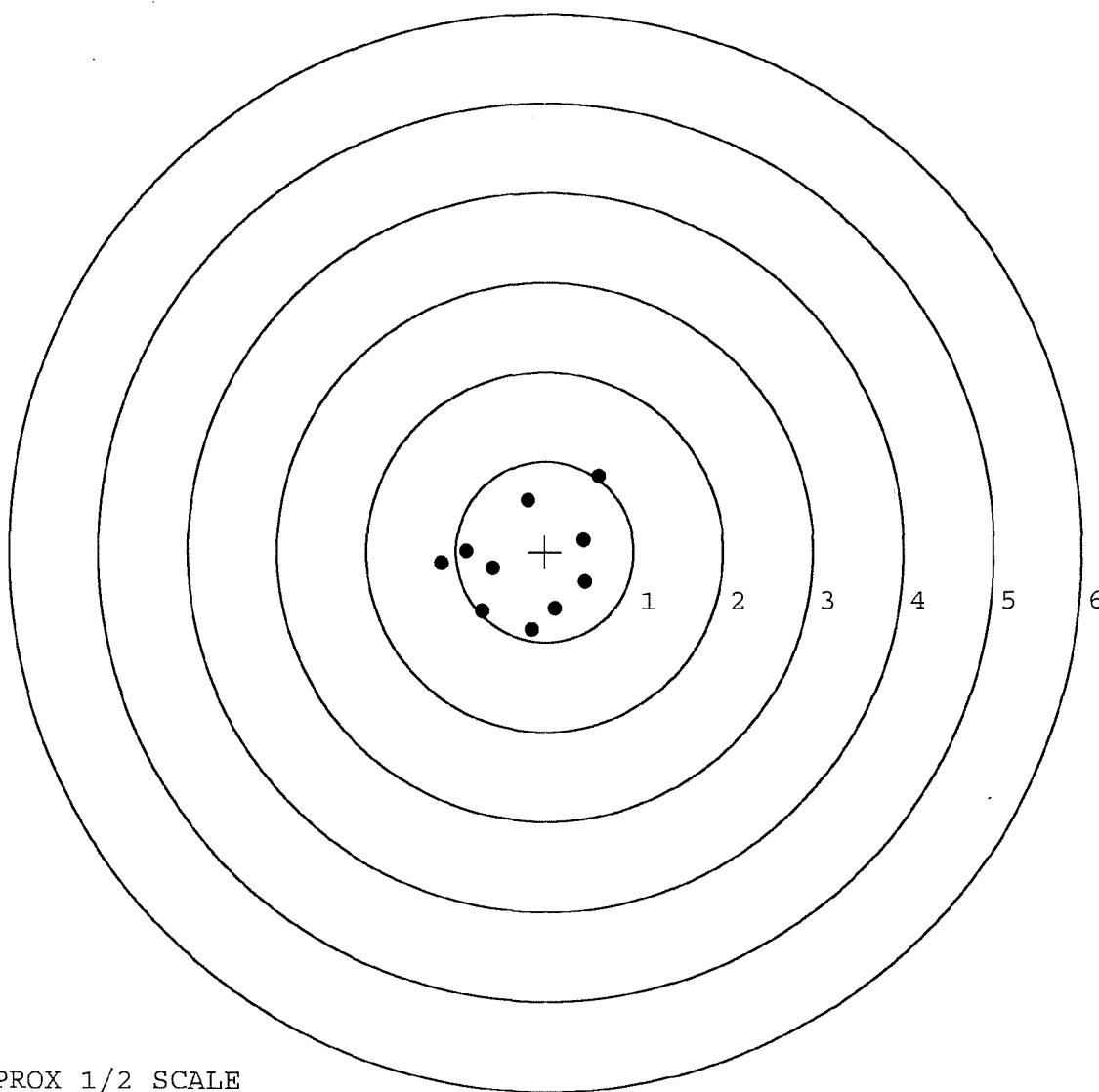
MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.448	-0.339
2:	0.113	-0.635
3:	-0.157	-0.868
4:	-0.710	-0.665
5:	-0.592	-0.191
6:	-0.886	0.003
7:	-1.165	-0.137
8:	-0.196	0.573
9:	0.436	0.133
10:	0.606	0.836



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __0

TARGET NUMBER: 2

FILE DATE: 11/29/2004

FILE TIME: 11:54

X CENTROID: 0.076

Y CENTROID: -0.233

POA TO CENTROID: 0.245

HORZ SPREAD: 1.754

VERT SPREAD: 1.770

GROUP SPREAD: 2.237

MIN RADIUS: 0.250

MAX RADIUS: 1.291

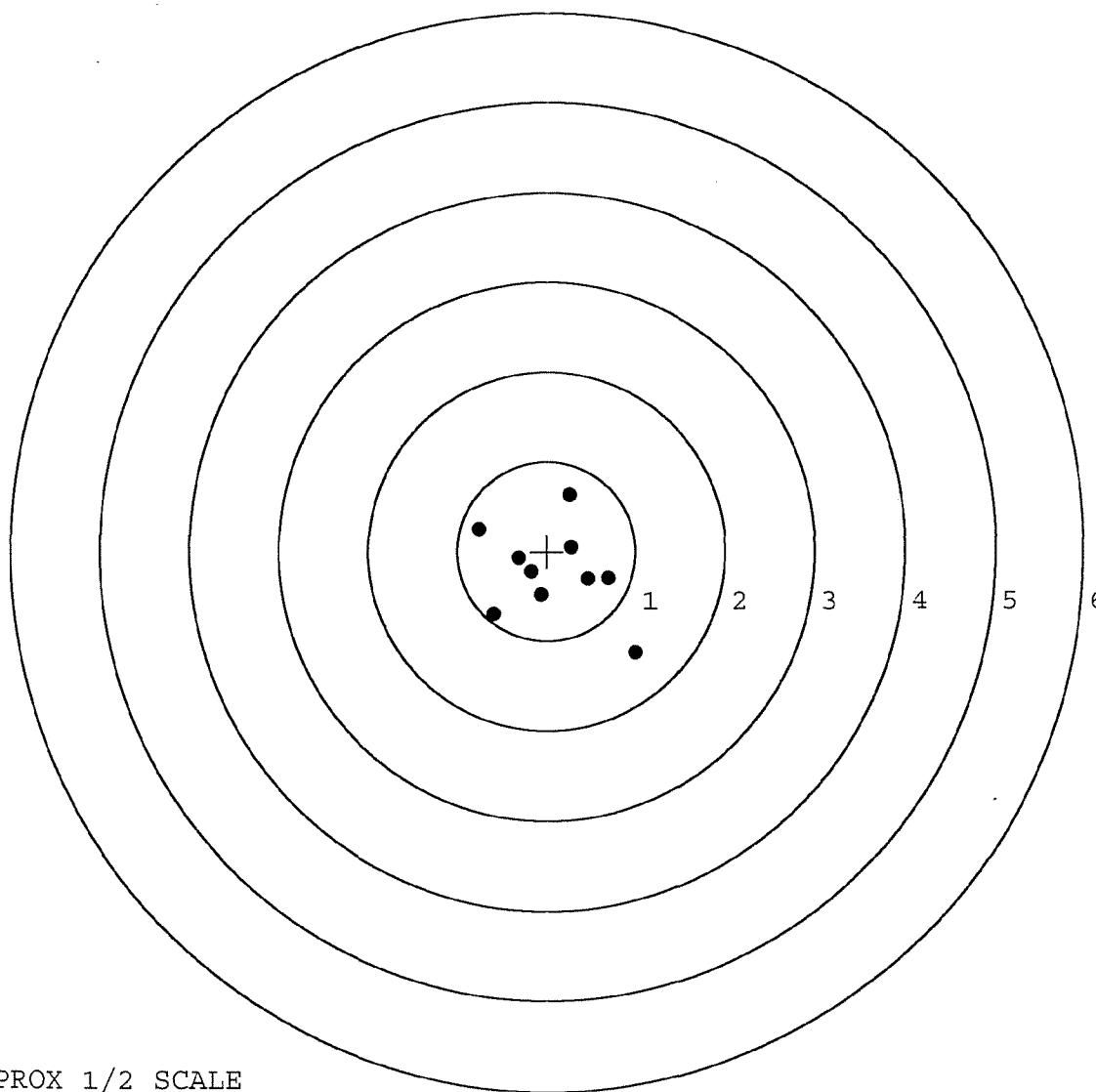
MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.994	-1.140
2:	0.690	-0.301
3:	0.464	-0.309
4:	0.278	0.048
5:	0.248	0.630
6:	-0.760	0.249
7:	-0.315	-0.080
8:	-0.174	-0.232
9:	-0.073	-0.493
10:	-0.596	-0.704



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. __0

TARGET NUMBER: 3

FILE DATE: 11/29/2004

FILE TIME: 11:54

X CENTROID: -0.066

Y CENTROID: -0.180

POA TO CENTROID: 0.192

HORZ SPREAD: 1.479

VERT SPREAD: 1.700

GROUP SPREAD: 1.955

MIN RADIUS: 0.202

MAX RADIUS: 1.003

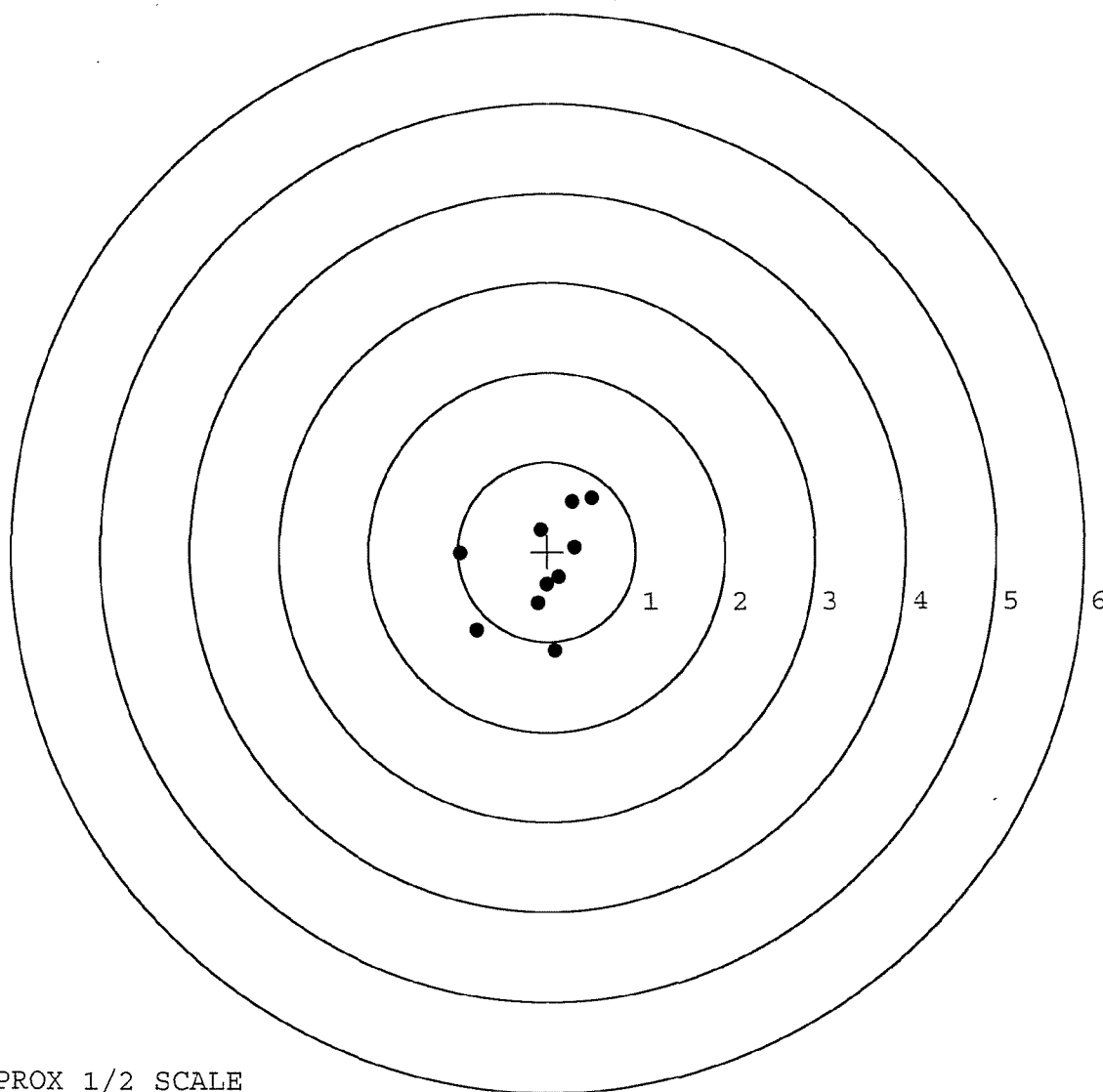
MEAN RADIUS: 0.633

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.085	-1.105
2:	-0.788	-0.876
3:	-0.980	-0.024
4:	-0.111	-0.574
5:	0.128	-0.293
6:	-0.007	-0.373
7:	0.312	0.049
8:	-0.076	0.245
9:	0.275	0.555
10:	0.499	0.595



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. 0

TARGET NUMBER: 4

FILE DATE: 11/29/2004

FILE TIME: 11:54

X CENTROID: -0.017

Y CENTROID: -0.051

POA TO CENTROID: 0.054

HORZ SPREAD: 1.898

VERT SPREAD: 1.790

GROUP SPREAD: 2.478

MIN RADIUS: 0.435

MAX RADIUS: 1.404

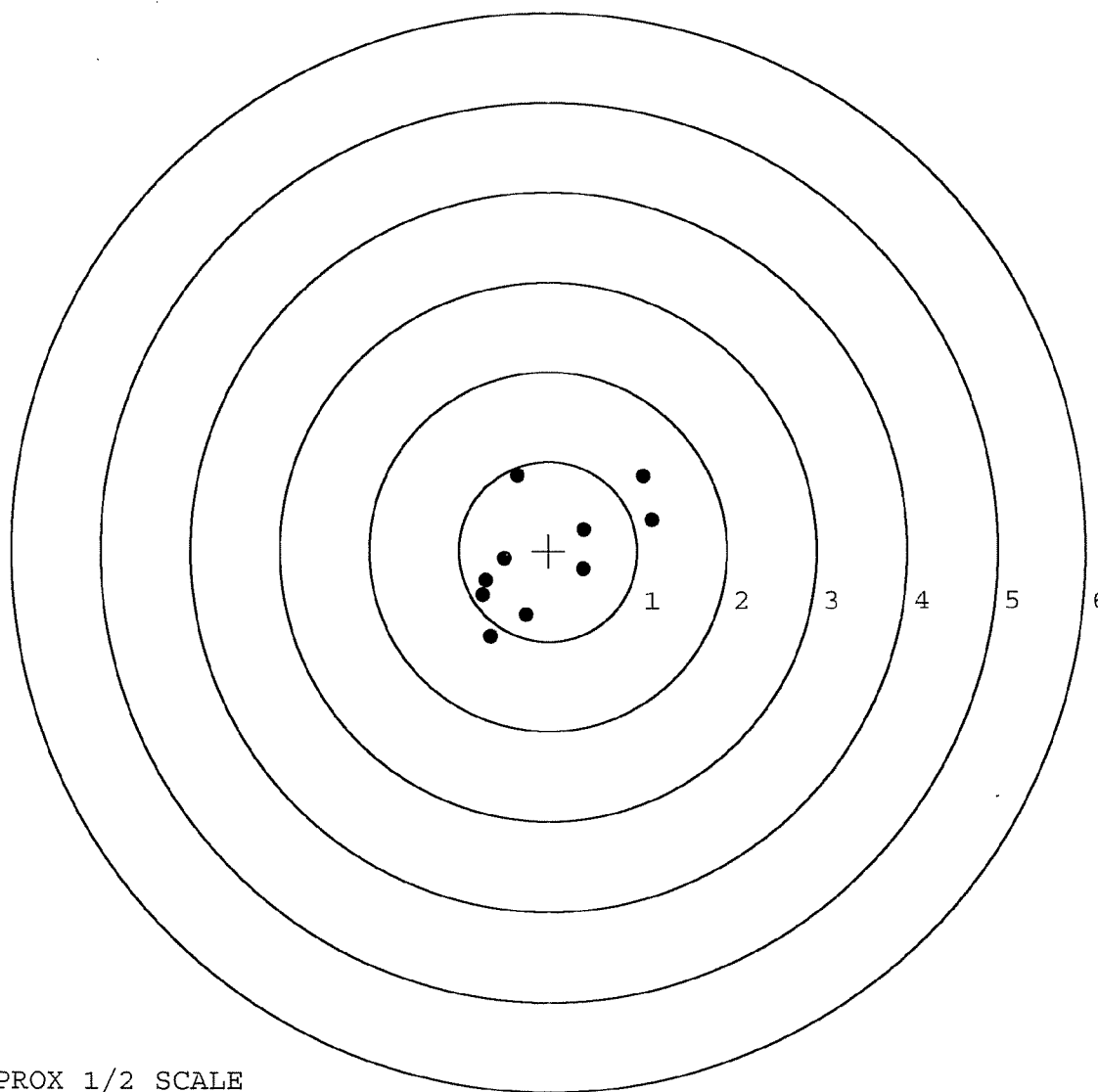
MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.163	0.341
2:	1.068	0.840
3:	0.394	0.239
4:	0.391	-0.202
5:	-0.254	-0.707
6:	-0.647	-0.948
7:	-0.735	-0.493
8:	-0.703	-0.330
9:	-0.494	-0.091
10:	-0.350	0.842



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414335. 0

TARGET NUMBER: 5

FILE DATE: 11/29/2004

FILE TIME: 11:54

X CENTROID: -0.001

Y CENTROID: -0.156

POA TO CENTROID: 0.156

HORZ SPREAD: 1.791

VERT SPREAD: 1.978

GROUP SPREAD: 1.982

MIN RADIUS: 0.068

MAX RADIUS: 1.337

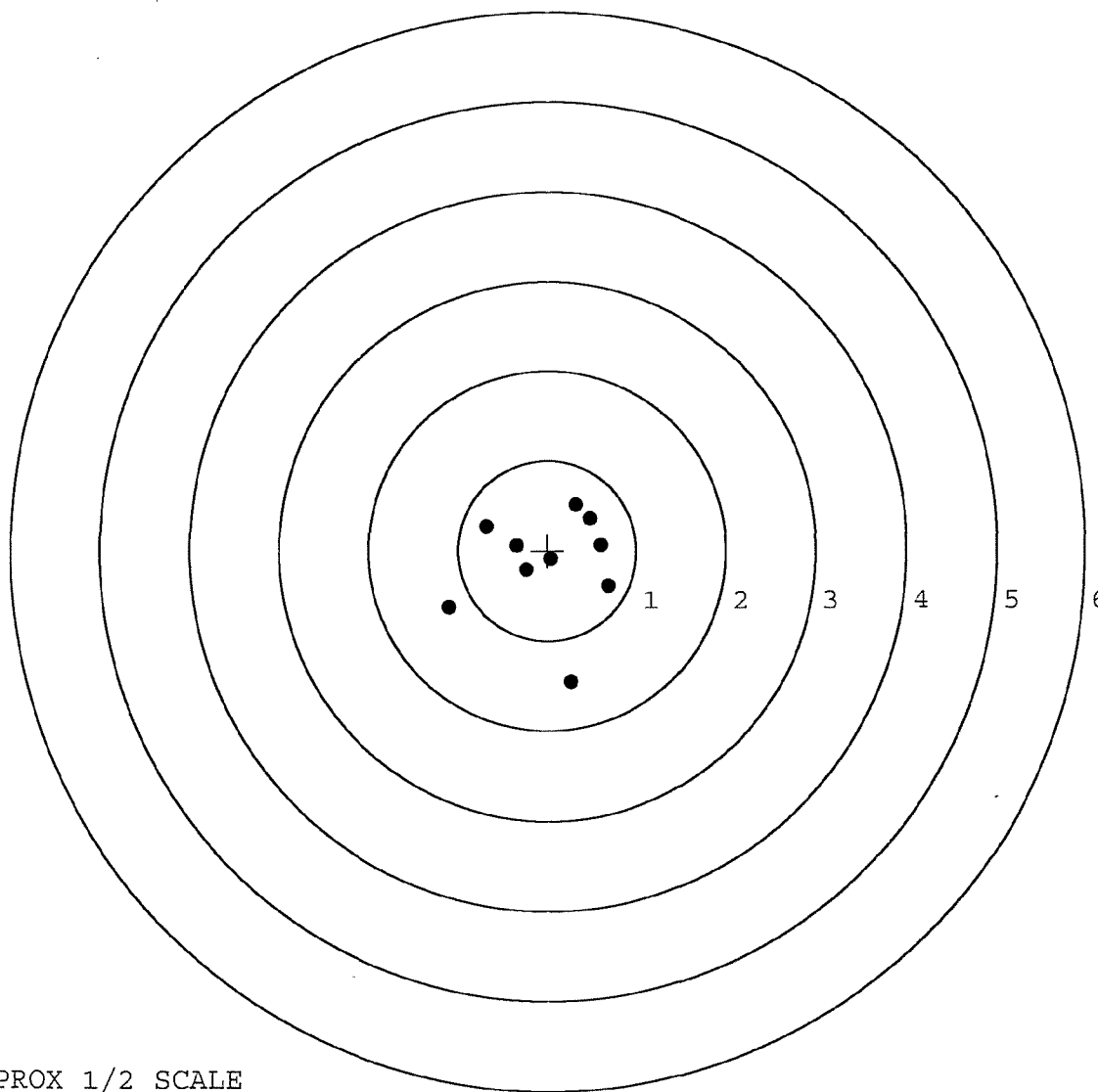
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

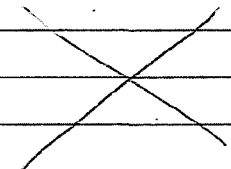
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.263	-1.466
2:	-1.105	-0.636
3:	-0.687	0.273
4:	0.686	-0.396
5:	0.603	0.060
6:	0.479	0.358
7:	0.315	0.512
8:	0.037	-0.099
9:	-0.245	-0.217
10:	-0.352	0.054



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87141		
SERIAL NUMBER	E-6225593 G-6414335		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-1-04	RA
560 A	RE-BARREL	11-8-04	RTL
B	DRILL AND TAP	11-10-04	TRW
575	ASSEMBLE	11-8-04	RTL
600	PROOF MAGNA-FLUX	11-9-04	RTL
605	CHECK HEADSPACE	11-9-04	RTL
610	DIS-ASSEMBLE GUN	11-10-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11/11/04	RB
618	ROTO-BLAST	11/11/04	LB
620	APPLY COATINGS	11/13	HP
625 A	FINAL ASSEMBLY	11-29-04	RTL
B	TRIGGER PULL TEST		N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-29-04	TRW
655	FINAL INSPECT	11-30-04	RTL
660	PACK	11-30-04	RA
		SHIP DATE	
		QAR INSPECTION DATE	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-18203

INITIAL EPS	CUSTOMER ORDER NO. W340TZ-5142-3202	M24 W/ULTRA LEUPOLD M-3A 10X SCOPE W/SCOPE MOUNTS & BASE			
DATE RECEIVED 07/13/95	DATE OPENED 07/13/95	DATE CODE	SERIAL NUMBER C6225592	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS		W/HARD CASE			

FROM:

SHIP TO:

CONSOL PROPERTY ACCOUNT

TRANSPORTATION OFF.

FT CAMPBELL

KY 42223

CRP, BLDG 5207

FT CAMPBELL

KY

42223

CUST NO: 122560 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.	New	B Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Barrel Shot out

PARTS	COMMENTS
Barrel Stock	96003 Repaider Coat Trigger Guard Assy & Rear Sight Base Re Cyc Scope Base, Rings & Swivel Studs.
REPAIRMAN RW	PROOF C
GALLERY TESTER RW	DATE 7/18/95
	CLEAN C
	DATE 7/21/95
	TEST C
	DATE 7/22/95
	TARGET C
	PATTERN
	DATE 7/22/95

OFFICE COPY

RD6925 REV. 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400150485

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION	
☒ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION HHC 3-127 th INF		B. LOCATION Fort Campbell, Ky		C. UNIT IDENT CODE WALAH	
2. SERIAL NO. 6225592		3. NOUN NOMENCLATURE Rifle		4. LINE NO. 1	5. MODEL M16	6. NATIONAL STOCK NUMBER 1560-104-010-1010	
7A. MAINTENANCE ACTIVITY SCOPE 85-0367		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	
☐ B Handling		☒ D Normal Op		☒ F Inspection		☐ H Other	
				☐ 058 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 authorized equipment is Govt property returned to the property book and is authorized to repair for maintenance.							
B. REMARKS							
James D. Butler CPT, MS Commanding							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)	
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	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
1)		This Rifle has fired approximately 13,000 rounds. This exceeds the warranty barrel life of 10,000 rounds. The weapon must be rebarreled as per warranty.					\$
2)		Buttstock adjustment ring stuck.					\$
3)		Bolt release/catch sticks.					\$
4)		Scope to eye distance adjustment ring stuck.					\$
5)		Scope windage-zero retainers hex-bolt stripped.					\$
		Corridon E Butler					\$
		C Butler SFC					\$
		Sent PCS					\$
				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 B. Butler		24. RECEIVED BY J. Butler		25. WORK STARTED BY J. Butler		26. INSPECTED BY J. Butler	
27. ACCEPTED BY B. Butler							
JULIAN DATE 5135		JULIAN DATE 5135		JULIAN DATE 5135		JULIAN DATE 5135	
28. DISPOSITION (Select One)							
☐ A To User		☐ D Evacuated		☐ B To Stock		☐ E Cannibalization	
☐ C Salvaged							

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225592

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/18/95	RW
600	Proof		7/18/95	RW
607	Check Headspace		7/18/95	RW
610	Dis-assemble Gun		7/18/95	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		7/24/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/24/95	RW
	C) Inspect Ejector Hole for Chamfer		7/24/95	RW
	D) Oil Firing Pin Ass'y		7/24/95	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			
	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		7/22/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		7/22/95	RW
655	Final Inspection			
	A) Headspace		7/24/95	RW
	B) Trigger Pull		7/24/95	RW
	C) Function		7/24/95	RW
660	Pack			

Final Inspection

S.N. C6225592 DATE REC'D: 7/13/95 DATE RET'D: 7/25/95
 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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225592
1 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.838156
1 TO	2	.543788
1 TO	3	.0545619
1 TO	4	.442923
1 TO	5	.736685

$\bar{x}$
dst <----FOR

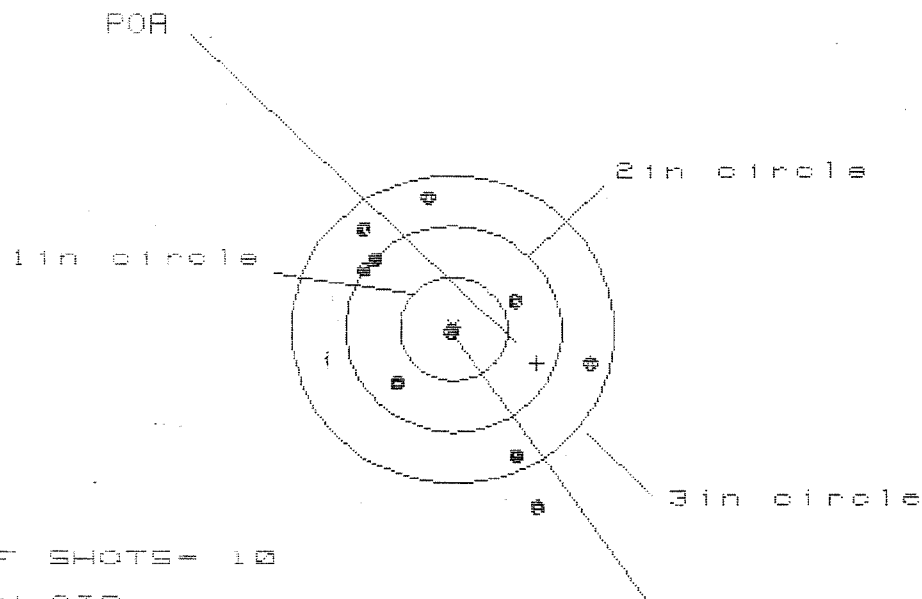
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4872
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1354
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .505665

THE AMP FOR THIS RIFLE IS: 1.137

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225582

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 8

HS = 2.162

VS = 3.065

GS = 3.232

CENTROID #

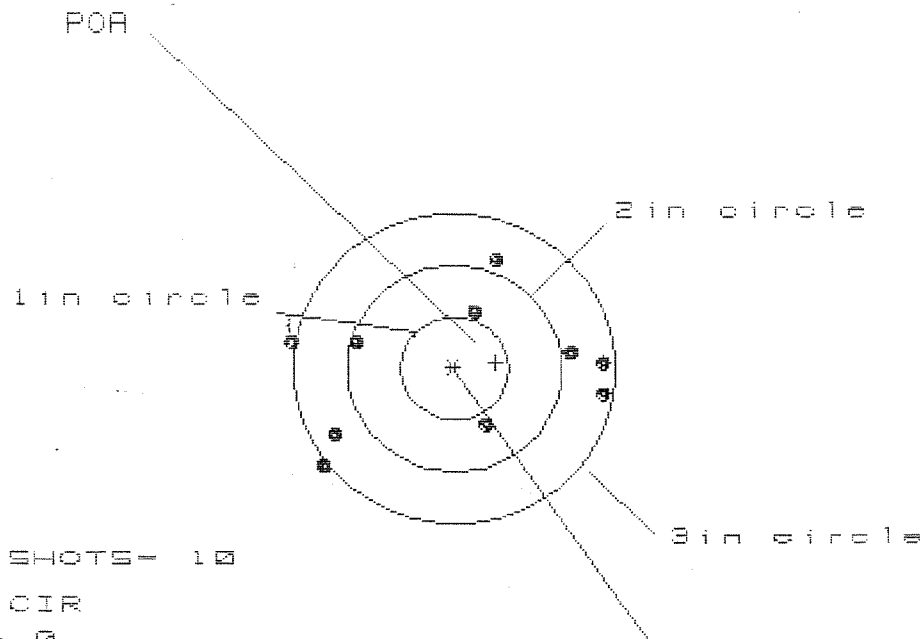
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.295	1.379	1.461
MINIMUM X	:	-.867	-.783	-.701
MAXIMUM Y	:	1.306	1.110	.934
MINIMUM Y	:	-1.759	-1.412	-.854
CENTROID X	:	-.773	-.857	-.939
CENTROID Y	:	.324	.520	.696
POA TO CENTROID in.	:	.839	1.002	1.169
MIN RADIUS	:	.052	.263	.457
MEAN RADIUS	:	1.063	.957	.865
MAX. RADIUS	:	1.914	1.556	1.630

HORIZONTAL SPREAD	:	2.162	2.162	2.162
VERTICAL SPREAD	:	3.065	2.522	1.788
EXTREME SPREAD	:	3.232	2.659	2.482
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225592

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.945

VS= 2.013

GS= 2.979

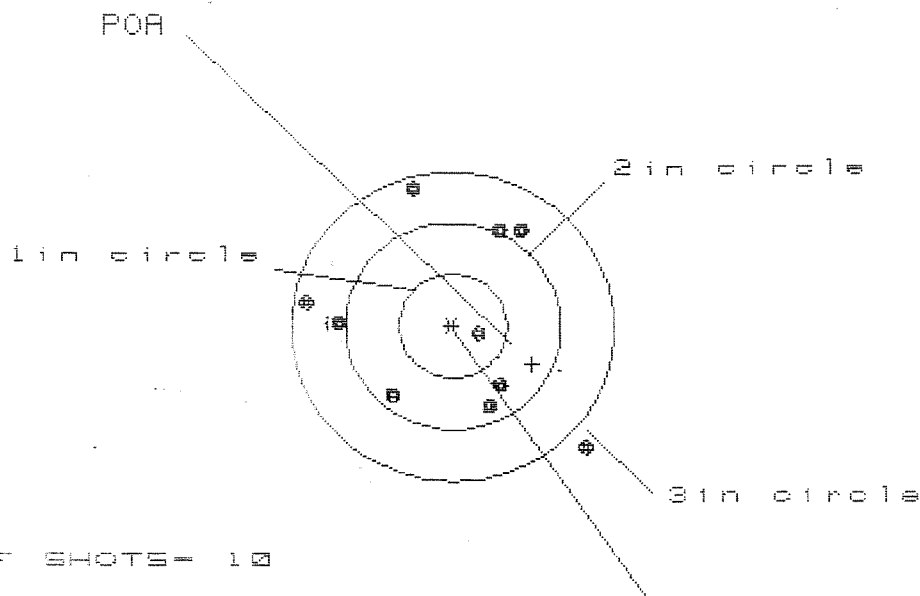
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.421	1.252	1.082
MINIMUM X	:	-1.524	-1.356	-1.459
MAXIMUM Y	:	1.034	1.060	.941
MINIMUM Y	:	-.979	-.953	-.728
CENTROID X	:	-.385	-.216	-.046
CENTROID Y	:	-.057	-.083	.036
POA TO CENTROID in.	:	.389	.231	.059
MIN RADIUS	:	.598	.516	.500
MEAN RADIUS	:	1.151	1.087	.980
MAX RADIUS	:	1.542	1.657	1.630
HORIZONTAL SPREAD	:	2.945	2.608	2.541
VERTICAL SPREAD	:	2.013	2.013	1.669
EXTREME SPREAD	:	2.979	2.788	2.612
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS225592

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.522

VS= 2.503

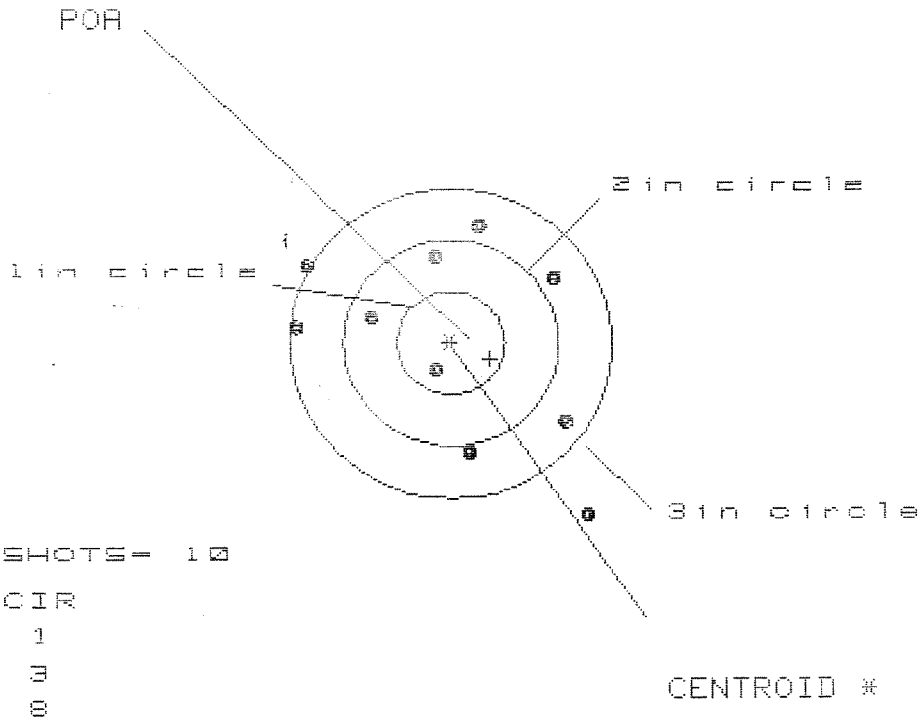
GS= 2.998

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.280
MINIMUM X	-1.343
MAXIMUM Y	1.332
MINIMUM Y	-1.171
CENTROID X	-.737
CENTROID Y	.365
POA TO CENTROID in.	.822
MIN RADIUS	.260
MEAN RADIUS	1.043
MAX RADIUS	1.735
HORIZONTAL SPREAD	2.622
VERTICAL SPREAD	2.503
EXTREME SPREAD	2.998
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225592

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.613

VS= 2.763

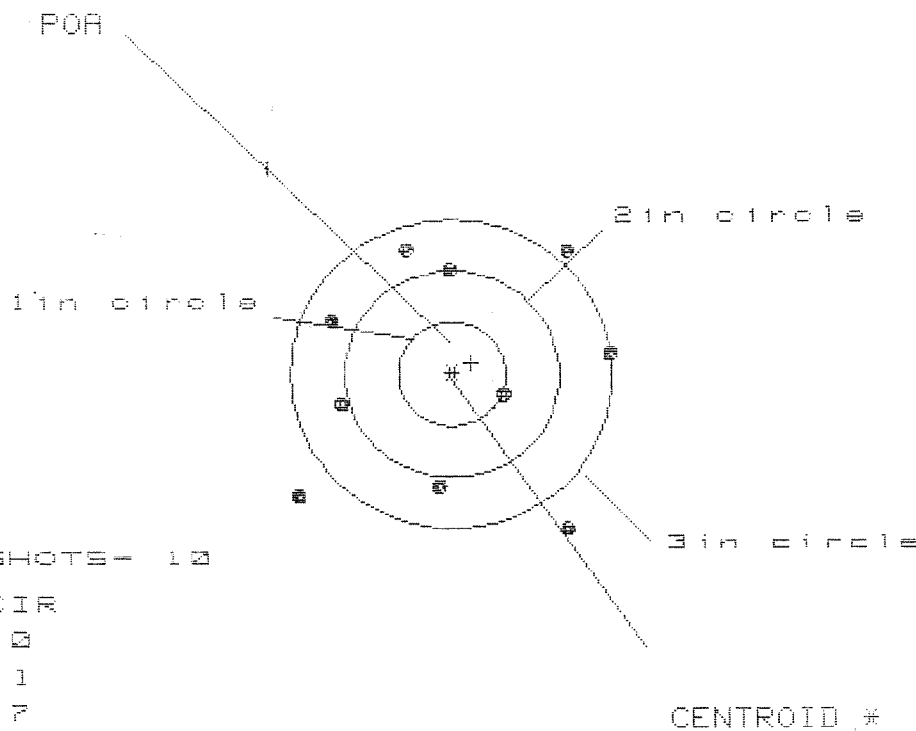
GS= 3.484

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.223	1.174	1.027
MINIMUM X	:	-1.390	-1.254	-1.401
MAXIMUM Y	:	1.108	.924	.994
MINIMUM Y	:	-1.655	-1.214	-1.145
CENTROID X	:	-.364	-.500	-.353
CENTROID Y	:	.154	.338	.269
POA TO CENTROID in.	:	.395	.603	.444
MIN RADIUS	:	.255	.390	.359
MEAN RADIUS	:	1.141	1.013	.978
MAX RADIUS	:	2.058	1.497	1.401
HORIZONTAL SPREAD	:	2.613	2.428	2.428
VERTICAL SPREAD	:	2.763	2.138	2.138
EXTREME SPREAD	:	3.484	2.776	2.582
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225592

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 1

3in = 7

HS= 2.881

VS= 2.639

GS= 3.423

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.484	1.329	1.439
MINIMUM X	-1.397	-1.243	-1.133
MAXIMUM Y	1.197	1.068	.872
MINIMUM Y	-1.442	-1.571	-1.390
CENTROID X	-.177	-.022	-.132
CENTROID Y	-.109	.020	.216
POA TO CENTROID in.	.208	.029	.253
MIN RADIUS	.524	.448	.663
MEAN RADIUS	1.289	1.215	1.121
MAX RADIUS	1.815	1.801	1.445
HORIZONTAL SPREAD	2.881	2.572	2.572
VERTICAL SPREAD	2.639	2.639	2.262
EXTREME SPREAD	3.423	3.027	2.608
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		1	
NUMBER IN THREE INCH CIRCLE =		7	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225592

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	3 17	89	RW
610	Dis-assemble Gun	3 17	89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	LS
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT
620	Apply Coatings (Barrel Action)		3-31-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/31/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/31/89	RW
	C) Inspect Ejector Hole for Chamfer		3/31/89	RW
	D) Oil Firing Pin Ass'y		3/31/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-3-89	DS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-7-89	JH
	G) Safety Off Force	4	4	4			4-7-89	JH
	H) Trigger Pull Test & Retainability						4-3-89	B.S.
	I) Firing Pin Indent	.020	.020	.020			4-7-89	JH
	J) Assemble Stock						4/10/89	RW
	K) Assemble Swivel Studs						4/10/89	RW
	L) Attach Front and Rear Sight Assemblies						4/10/89	RW
	M) Iron Sight Alignment						4/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/10/89	RW
	O) Attach Scope to Rifle						4/10/89	JH
	P) Detach & Attach Scope 20 Times						4/11/89	JH
640	Gallery Target & Test	52 R	107 L				4-11-89	JH
	A) Time						11	JH
	B) Malfunctions				NONE		11	JH
	C) Pierced Primers				NONE		11	JH
	D) Optical Clarity of Scope				OK		11	JH
645	Inspect for Live Ammo				NONE		4-11-89	JH
655	Final Inspection							
	A) Headspace						14 April 89	JH
	B) Trigger Pull	2.39	2.14	2.19	2.45	2.49	14 April 89	JH
	C) Function						14 April 89	JH
660	Pack						21 June 89	JH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225592

DATE 4/12/88

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.38	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.35	2.22	
PULL #3	2.36	2.37	2.25	
PULL #4	2.34	2.30	2.30	
PULL #5	2.35	2.34	2.21	
TOTAL	11.99	11.74	11.25	
AVG.	2.398	2.348	2.25	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.47	3.42	
PULL #2	3.54	3.60	
PULL #3	3.41	3.49	
PULL #4	3.42	3.50	
PULL #5	3.40	3.36	
TOTAL	17.24	17.17	
AVG.	3.448	3.434	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.34		
PULL #2	4.13	4.36		
PULL #3	4.35	4.32		
PULL #4	4.40	4.30		
PULL #5	4.37	4.20		
TOTAL	21.45	21.52		
AVG.	4.29	4.304		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225592
12 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.0482597
1 TO	2	.147706
1 TO	3	.694724
1 TO	4	.64282
1 TO	5	.60109

5 $\frac{1}{2}$ <----POA
4₃

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1812
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3208
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .368437
THE AMR FOR THIS RIFLE IS: .912

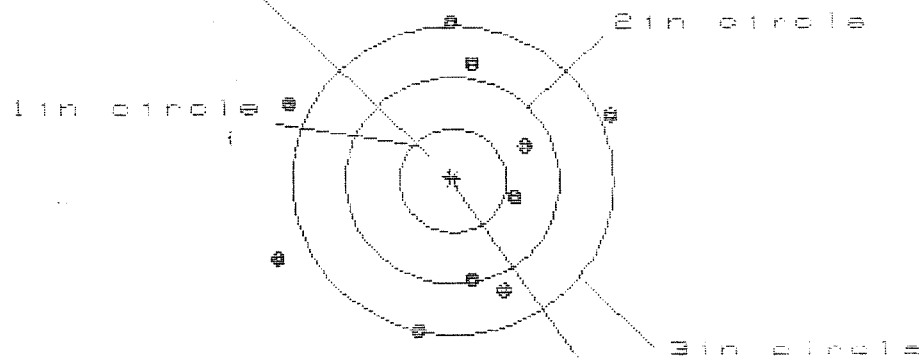
12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225592

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.118

VS= 2.920

GS= 3.448

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.488

1.307

1.093

MINIMUM X

-1.630

-1.716

-1.734

MAXIMUM Y

1.496

1.408

1.494

MINIMUM Y

-1.424

-1.512

-1.426

CENTROID X

.027

.208

.422

CENTROID Y

-.040

.048

-.038

POA TO CENTROID in.

.048

.213

.424

MIN RADIUS

.562

.421

.195

MEAN RADIUS

1.273

1.173

1.034

MAX RADIUS

1.812

1.847

1.604

HORIZONTAL SPREAD

3.118

3.023

1.827

VERTICAL SPREAD

2.920

2.920

2.920

EXTREME SPREAD

3.448

3.024

2.935

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

2

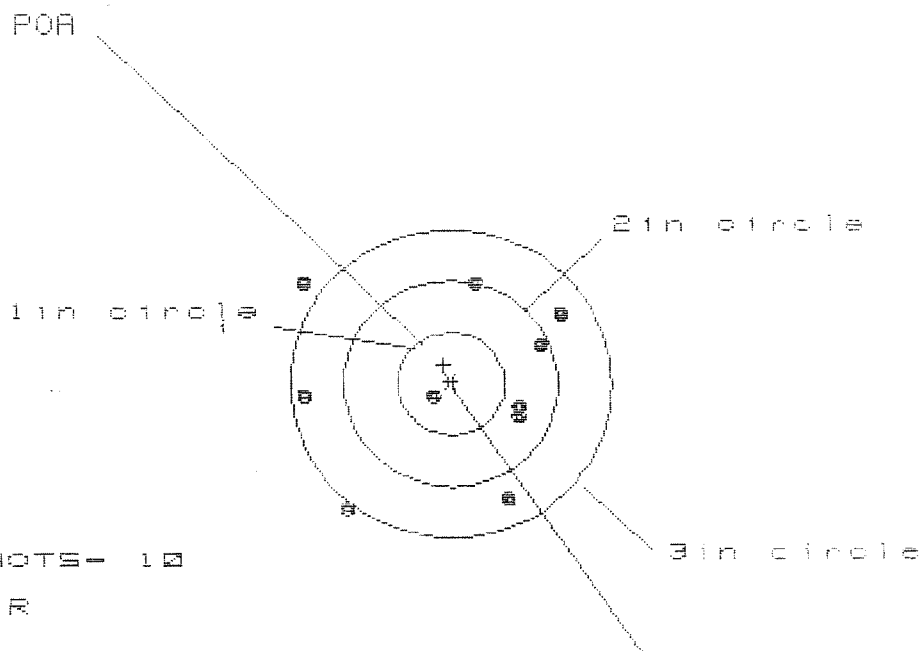
NUMBER IN THREE INCH CIRCLE =

7

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225592

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.437

VS = 2.225

GS = 2.862

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.017	.859	.716
MINIMUM X	:	-1.420	-1.498	-1.641
MAXIMUM Y	:	.991	1.094	.953
MINIMUM Y	:	-1.234	-1.124	-1.106
CENTROID X	:	.071	.229	.372
CENTROID Y	:	-.181	-.291	-.150
POA TO CENTROID in.	:	.194	.370	.401
MIN RADIUS	:	.211	.316	.406
MEAN RADIUS	:	1.060	.952	.841
MAX RADIUS	:	1.732	1.602	1.644
HORIZONTAL SPREAD	:	2.437	2.357	2.357
VERTICAL SPREAD	:	2.225	2.218	2.059
EXTREME SPREAD	:	2.862	2.788	2.484
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Apr 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225582

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 6

2in = 8

3in = 9

HS = 1.183

VS = 2.537

GS = 2.537

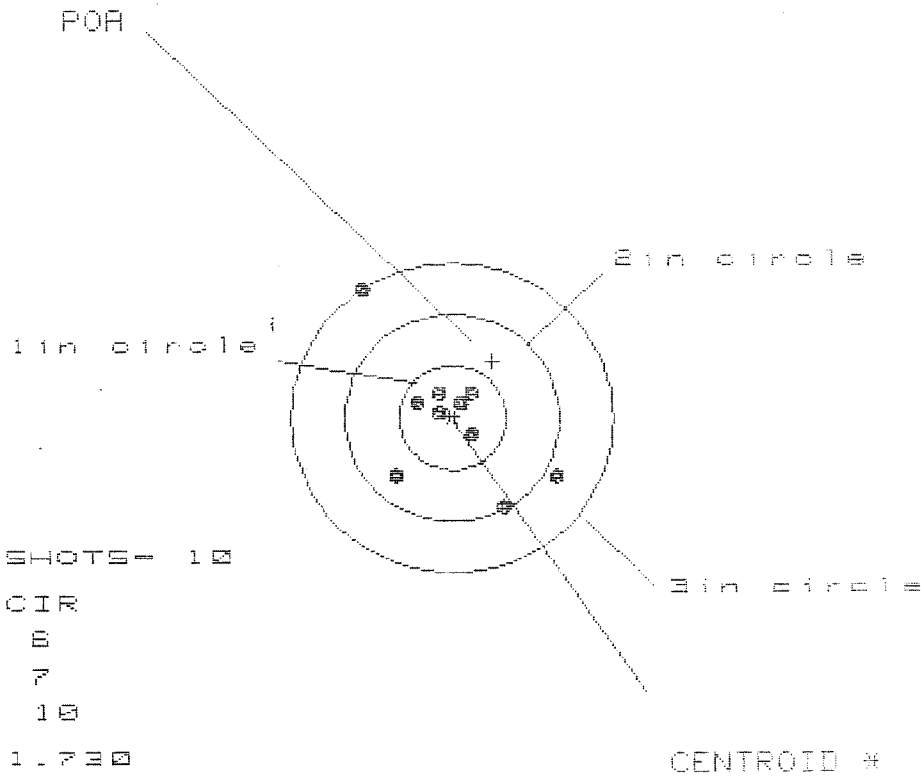
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.447	.456	.400
MINIMUM X	:	-.736	-.686	-.629
MAXIMUM Y	:	1.027	.859	.475
MINIMUM Y	:	-1.510	-.591	-.484
CENTROID X	:	-.062	-.112	-.169
CENTROID Y	:	-.729	-.561	-.668
POA TO CENTROID in.	:	.731	.572	.689
MIN RADIUS	:	.243	.163	.284
MEAN RADIUS	:	.634	.508	.446
MAX RADIUS	:	1.575	.972	.794
HORIZONTAL SPREAD	:	1.183	1.142	1.029
VERTICAL SPREAD	:	2.537	1.450	.959
EXTREME SPREAD	:	2.537	1.846	1.407
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225592

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 6

2 in = 7

3 in = 10

HS = 1.730

VS = 2.157

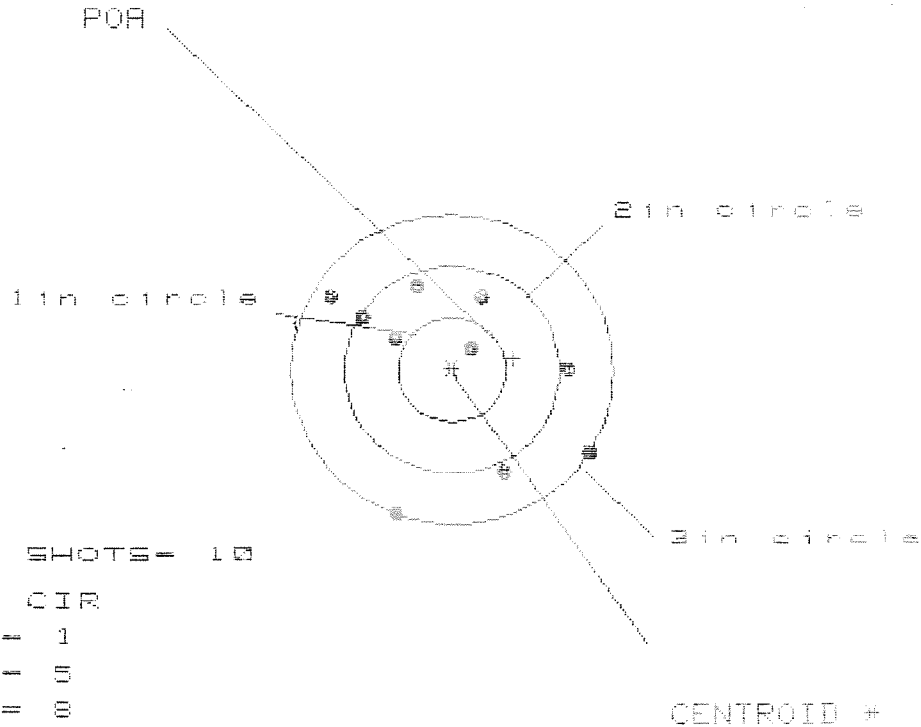
GS = 2.502

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.950	.863	.508
MINIMUM X	-.780	-.579	-.471
MAXIMUM Y	1.258	.395	.346
MINIMUM Y	-.899	-.759	-.808
CENTROID X	-.372	-.285	-.393
CENTROID Y	-.544	-.684	-.635
POA TO CENTROID in.	.659	.741	.747
MIN RADIUS	.173	.047	.157
MEAN RADIUS	.587	.506	.430
MAX RADIUS	1.481	.948	.954
HORIZONTAL SPREAD	1.730	1.442	.979
VERTICAL SPREAD	2.157	1.154	1.154
EXTREME SPREAD	2.502	1.470	1.361
NUMBER IN ONE INCH CIRCLE =		6	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

12 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225582

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.487

VS= 2.161

GS= 2.863

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.308	1.239	1.185
MINIMUM X	:	-1.179	-1.033	-1.087
MAXIMUM Y	:	.765	.681	.496
MINIMUM Y	:	-1.396	-1.480	-1.275
CENTROID X	:	-.570	-.716	-.662
CENTROID Y	:	-.110	-.026	.159
POA TO CENTROID in.	:	.581	.716	.681
MIN RADIUS	:	.368	.379	.299
MEAN RADIUS	:	1.006	.925	.800
MAX RADIUS	:	1.510	1.540	1.413
HORIZONTAL SPREAD	:	2.487	2.272	2.272
VERTICAL SPREAD	:	2.161	2.161	1.771
EXTREME SPREAD	:	2.863	2.382	2.382
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington



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

MODEL 700TM M24

SERIAL NO.
C6225592

ORDER NO.
5716

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

01

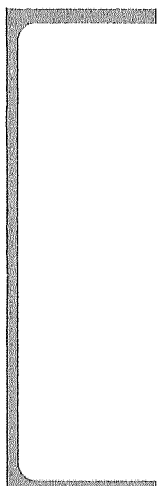


5716 C6225592

UPC



0 47700 25716 7



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 92-06910

INITIAL CUSTOMER ORDER NO.

M-24

SUS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/11/99

03/12/99

C6225592

700 7.62

NATO

ACCESSORIES

FROM:

SHIP TO:

DEPT OF THE ARMY
3RD BATTALION 187TH INF REGT.
101ST AIRBORNE DIV AIR ASSAULT
FT CAMPBELL KY 42223

DEPT OF THE ARMY
3RD BATTALION 187TH INF REGT.
101ST AIRBORNE DIV AIR ASSAULT
FT CAMPBELL KY 42223

CUST NO: 159169 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

2071501

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

5616,

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

Barrel

96003

Stock

96018

Front Sight Base

96011

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

WITH GUN

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400150506

KINZER V. REMINGTON

M2400150507

DD FORM 1348-1A, JUL 91 ISSUE RELEASE/RECEIPT DOCUMENT

27 ADDITIONAL DATA

26 PIC (4-6)
UI (23-24)
OI (25-29)
CI (30-31)
CST (35-56)
UP (74-80)

24 DOCUMENT NUMBER
& SUFFIX (30-34)

25 NATIONAL
STOCK NO &
ADD (32)

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UNIT PRICE

DOLLARS

CTS

1. TOTAL PRICE

2. SHIP FROM

3. SHIP TO

4. MARK FOR

5. DOC DATE

6. NMFC

7. FRT RATE

8. TYPE CARGO

9. PS

10 QTY. REC'D

11. UP

12. UNIT WEIGHT

13. UNIT CUBE

14. UFC

15. SL

16. FREIGHT CLASSIFICATION NOMENCLATURE

17. ITEM NOMENCLATURE

18. TY CONT

19. NO CONT

20. TOTAL WEIGHT

21. TOTAL CUBE

22. RECEIVED BY

23. DATE RECEIVED

A5AAW3K EA00001 W34XC5MGA

03

5145 00 5145 00

CMAR34

W34QTZ 9043 3219

SERNO: C6225592

1005 01 240 2136

COMMANDER

REMINGTON ARMS. 14 HOEFLER AVEN.
ILTON N.Y. 13357-1826

17. ITEM NOMENCLATURE

RIFLE SNIPER M24 SWS

18. TY CONT

19. NO CONT

20. TOTAL WEIGHT

21. TOTAL CUBE

22. RECEIVED BY

23. DATE RECEIVED

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO 1	NO OF PAGES 5	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA			SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER WACATTO	1b. CUSTOMER UNIT NAME HHC 3/187 INF	1c. PHONE NO 798-6622	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA					
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M-24			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751 5616		16. MILES/KILOMETERS/HOURS/ROUNDS M K
9. NOUN 7.62 Sniper Rifle					H R
10a. ORG WON/DOC NO	10b. EIC				
11. SERIAL NUMBER 062255912	12. QTY 1	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			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) Barrel Life, 10,000 RNDs, Shot group OUT EQUIPMENT TO BE SHIPPED TO MAKER AND RETURN					
25. REMARKS POC SFC Jeffrey Hunter 798-2238 SSG Rowser, Preston 798-5101					

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

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

SECTION II

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

SECTION III

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.

Barrel
Stock
Front Sight Base
96003
96018
96011

DATE

TIME

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO 1	NO OF PAGES 1	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WACALTO	1b. CUSTOMER UNIT NAME HHC 3/187 INF	1c. PHONE NO 798-6622	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA							
5. TYPE/MNT REQ CODE	6. ID 1095912402136	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M-24	9. NOUN 7.62 Sniper Rifle		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R		
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
11. SERIAL NUMBER 06225592	12. QTY 1	13. PD	21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			23. SIGNATURE				
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Barrel Life, 10,000 Rnds, Shot group out EQUIPMENT TO BE SHIPPED TO MAKER AND RETURN							
25. REMARKS RC SPC Jeffrey Hunter 798-2238 SSG Rowser, Preston 798-5101							
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. Block 25. Self-explanatory.			
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY 				Block 34a. Enter first initial and last name of submitter.			
35a. ACCEPTED BY 				Block 35a. Enter first initial and last name of person accepting maint. request.			
34b. DATE 				Block 34b. Enter ordinal date submitted (YYDDD).			
35b. STATUS 				Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.			
35c. TIME 				Block 35c. Enter ordinal date accepted (YYDDD).			
				Block 35d. Enter military time.			

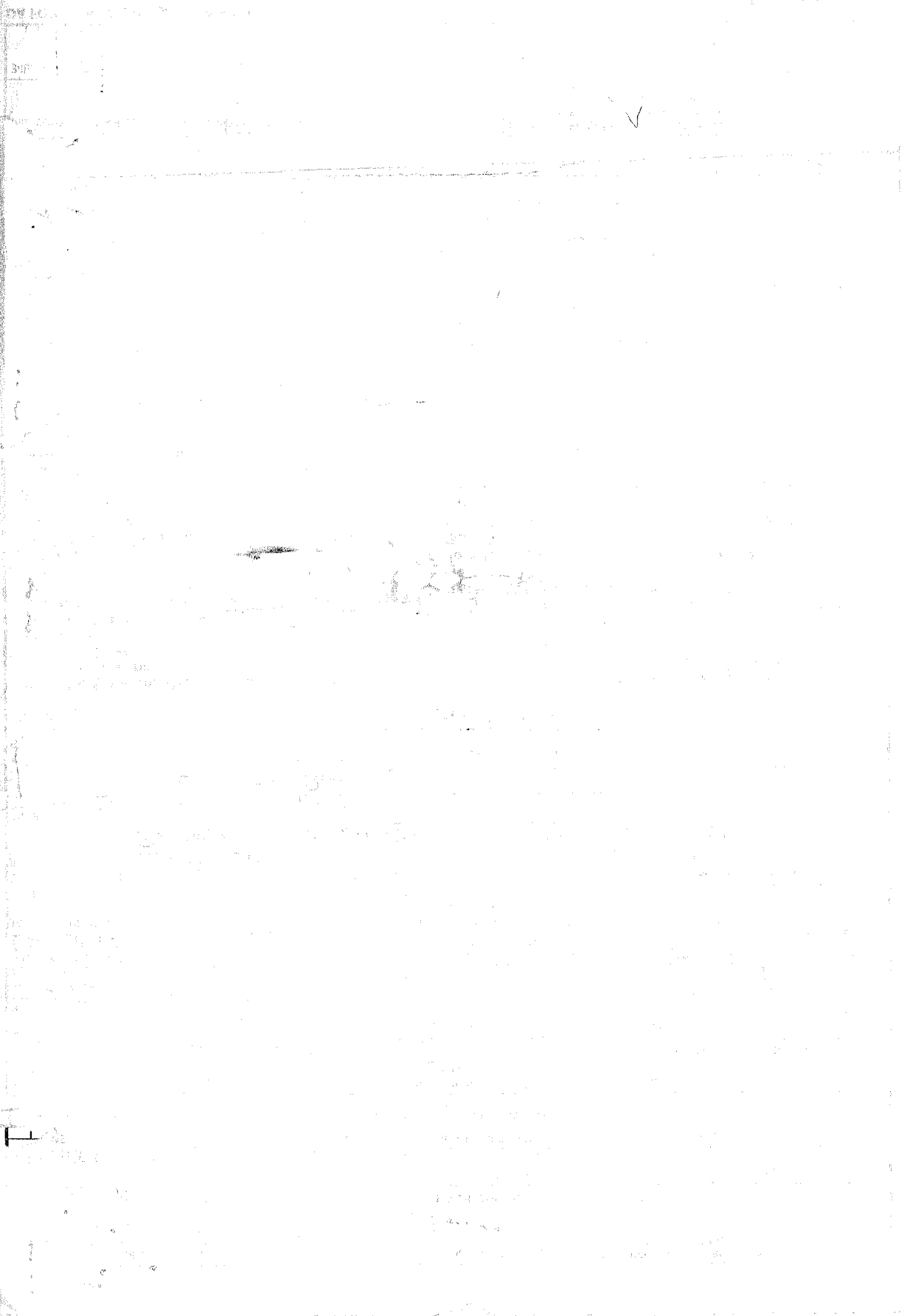
DA FORM 2407, JUL 94

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

RECEIPT COPY 1

Barrel
stock
Front Sight Base

96003
96018
96011



Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225592
22 Apr 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1616
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.241
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .290165

THE AMR FOR THIS RIFLE IS: 1.257

CENTROIDAL DISTANCES

0	TO	1	.0160312
1	TO	2	.243824
1	TO	3	.27795
1	TO	4	.781298
1	TO	5	.499151

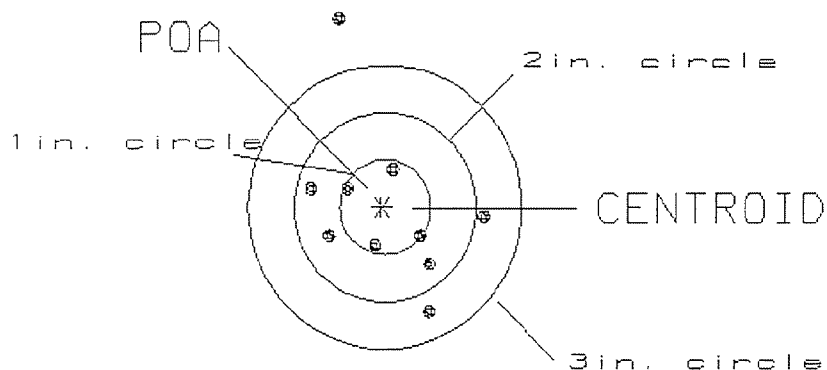
3
4 2 <----POA
5 4

PATTERN #: 1
 POA TO CENTROID: .016
 MIN RADIUS : .417
 MEAN RADIUS : .861
 MAX RADIUS : 2.081
 CENTROID X : .016
 CENTROID Y : .001

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/cb225592

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.93

3

VS= 3.13

7

GS= 3.27

9

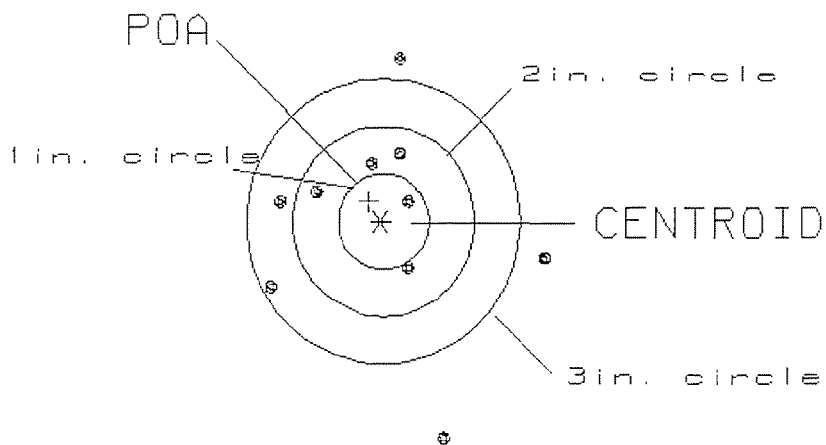
PATTERN #: 2

POA TO CENTROID: .251
 MIN RADIUS : .334
 MEAN RADIUS : 1.144
 MAX RADIUS : 2.368
 CENTROID X : .131
 CENTROID Y : -.214

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225592

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.96
 VS= 4.00
 GS= 4.03

2
 5
 7

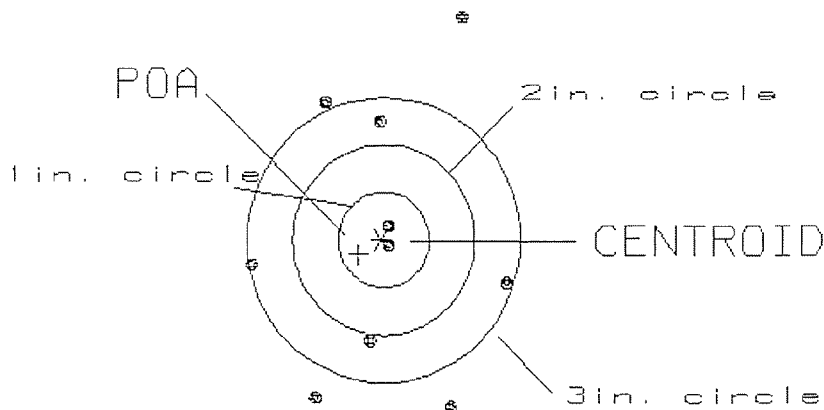
PATTERN #: 3

POA TO CENTROID: .292
 MIN RADIUS : .106
 MEAN RADIUS : 1.315
 MAX RADIUS : 2.512
 CENTROID X : .250
 CENTROID Y : .151

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225592

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.74
 VS= 4.17
 GS= 4.28

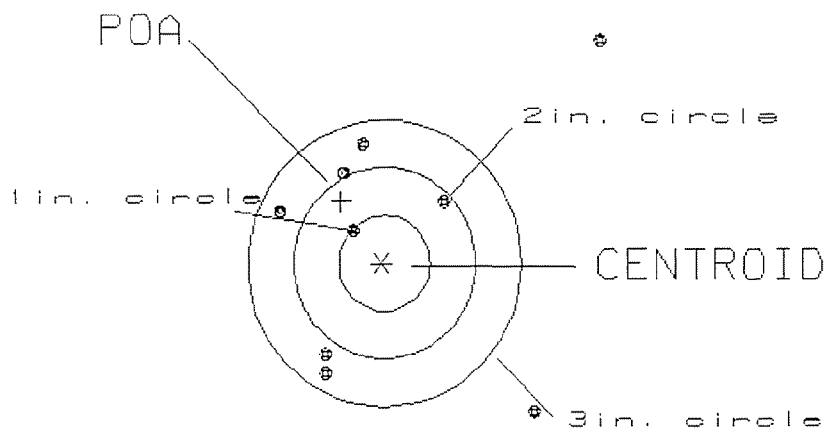
2
 2
 6

PATTERN #: 4
 POA TO CENTROID: .790
 MIN RADIUS : .475
 MEAN RADIUS : 1.563
 MAX RADIUS : 3.330
 CENTROID X : .451
 CENTROID Y : -.648

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225592

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.50
 VS= 4.76
 GS= 5.91

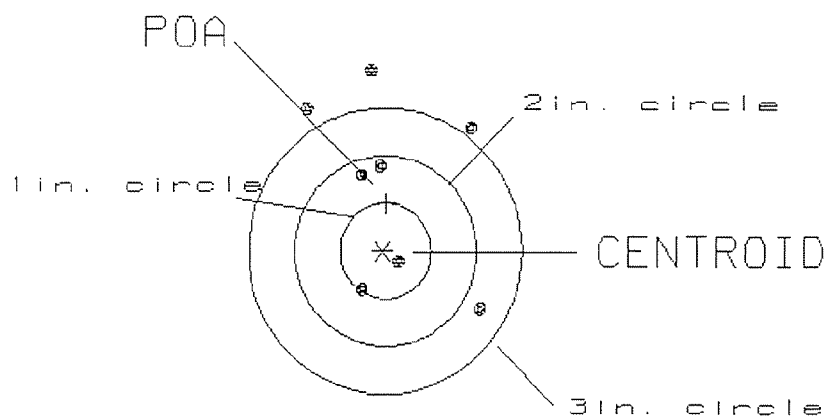
1
 2
 7

PATTERN #: 5
 POA TO CENTROID: .497
 MIN RADIUS : .143
 MEAN RADIUS : 1.402
 MAX RADIUS : 2.757
 CENTROID X : -.040
 CENTROID Y : -.495

22 Apr 1999

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225592

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.81
 VS= 4.55
 GS= 4.57

2
 4
 5