

G-6590151
Raphaello
C-6225198

Repair Inquiry

Repair Number: RE00126633

Serial: C6225198 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 5:46:04 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 7199

BLDG 7199

Address 2: GLIDER ROAD

PO Box:

GLIDER ROAD

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: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

naglelj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial
Number:

C6225198

Model: M24 SWS



RE00126633

Deployment Kit

For use of this form, see DA PAM 738-750 and 738-751: the proponent agency is DCSLOG

DA FORM 2404, APR 79

Replaces edition of 1 Jan 64, which will be used

USAPPC V1.10

USAPPC V1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590151.___0
FILE DATE AND TIME: 04/12/2007 23:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.153
The Average Y Centroid of the Five Target Set:	0.125
The Average Point of Impact of the Five Target Set:	0.198
The Average Mean Radius of the Five Target Set:	0.835
The Distance from POA to Centroid Target #1:	0.345
The Distance from Centroid Target #2 to Centroid Target #1:	0.431
The Distance from Centroid Target #3 to Centroid Target #1:	0.166
The Distance from Centroid Target #4 to Centroid Target #1:	0.238
The Distance from Centroid Target #5 to Centroid Target #1:	0.379

BARBER - M24 0165624

SERIAL NUMBER: G6590151. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.880	0.861
2:	-0.502	0.585
3:	-0.274	0.583
4:	-0.378	0.320
5:	-0.331	-0.015
6:	0.223	-0.266
7:	0.668	-0.062
8:	0.856	-1.351
9:	-1.211	-0.646
10:	-1.614	0.182

X CENTROID: -0.344

Y CENTROID: 0.019

POA TO CENTROID: 0.345

HORZ SPREAD: 2.470

VERT SPREAD: 2.212

GROUP SPREAD: 2.907

MIN RADIUS: 0.037

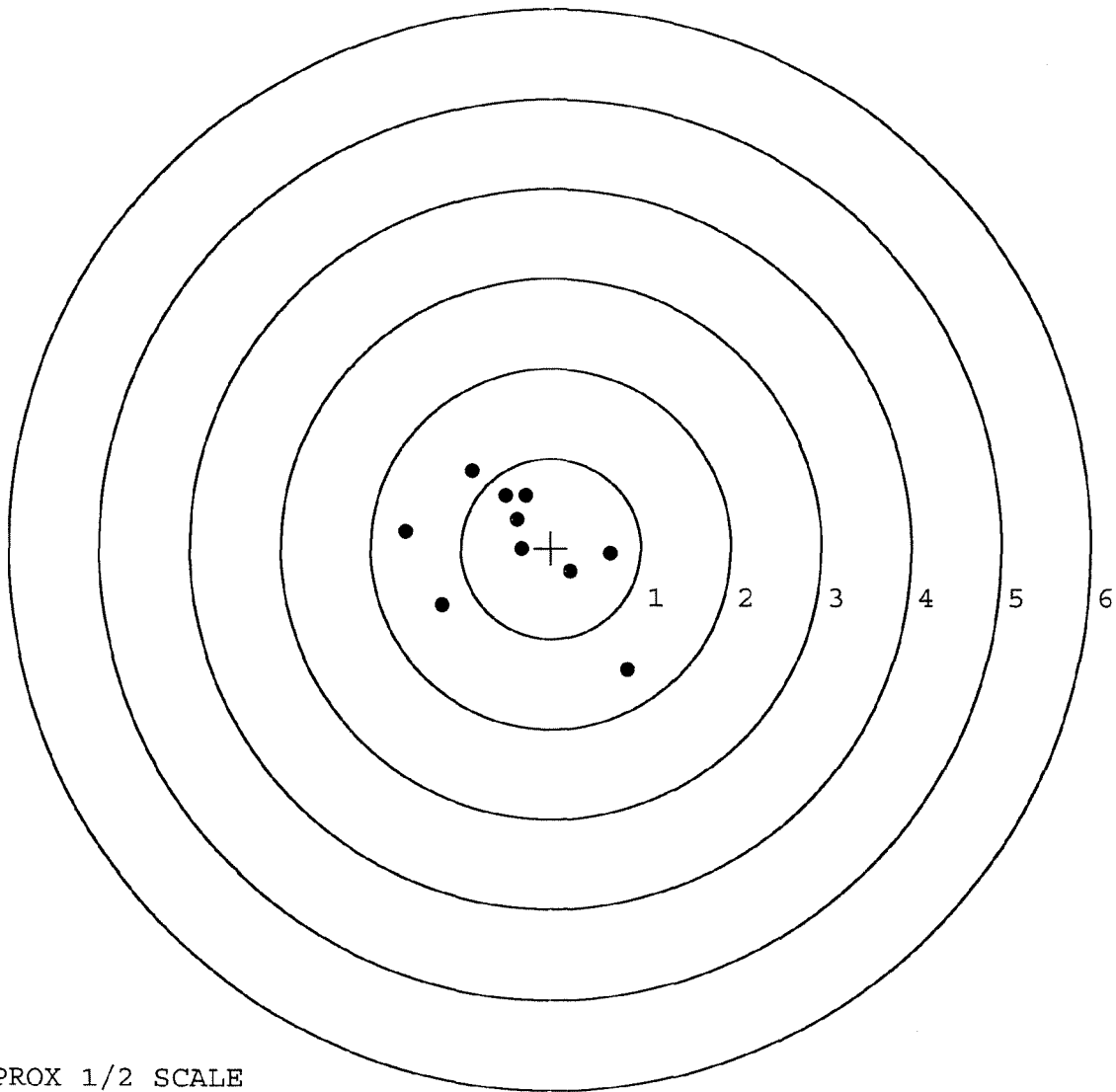
MAX RADIUS: 1.822

MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0165625

SERIAL NUMBER: G6590151. 0

TARGET NUMBER: 2

FILE DATE: 04/12/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.338	0.686
2:	0.286	0.943
3:	0.556	1.461
4:	0.706	0.206
5:	0.458	-0.111
6:	0.598	-0.751
7:	0.015	-0.993
8:	-0.208	-0.778
9:	-0.367	-0.121
10:	-0.847	-0.051

X CENTROID: 0.086

Y CENTROID: 0.049

POA TO CENTROID: 0.099

HORZ SPREAD: 1.553

VERT SPREAD: 2.454

GROUP SPREAD: 2.513

MIN RADIUS: 0.405

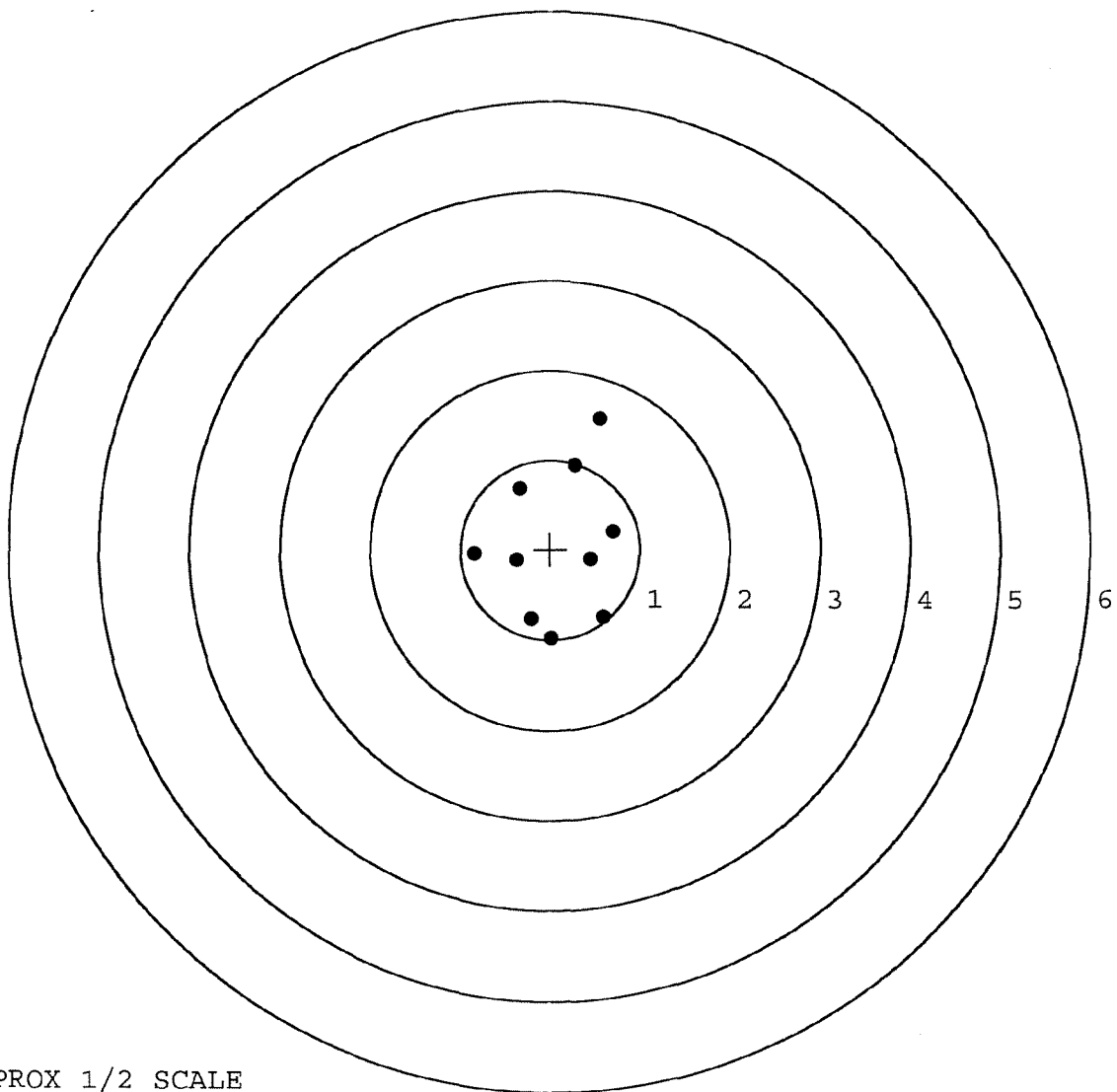
MAX RADIUS: 1.488

MEAN RADIUS: 0.851

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

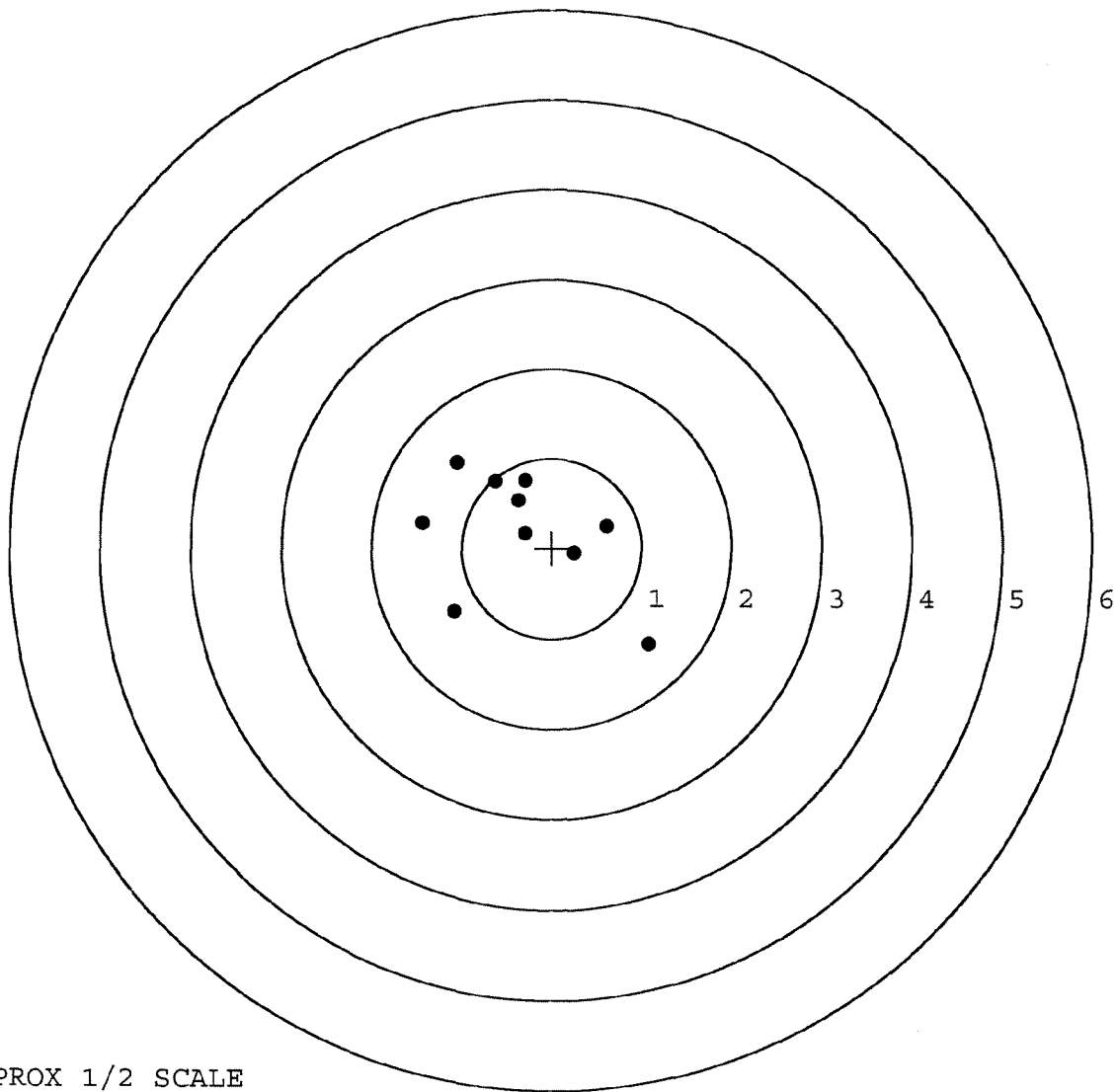
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165626

SERIAL NUMBER: G6590151. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-1.049	0.953
FILE DATE: 04/12/2007	2:	-0.628	0.741
FILE TIME: 23:45	3:	-0.290	0.751
	4:	-0.372	0.527
X CENTROID: -0.322	5:	-0.299	0.164
Y CENTROID: 0.183	6:	0.252	-0.060
POA TO CENTROID: 0.370	7:	0.615	0.244
HORZ SPREAD: 2.513	8:	1.074	-1.063
VERT SPREAD: 2.016	9:	-1.083	-0.703
GROUP SPREAD: 2.928	10:	-1.439	0.279
MIN RADIUS: 0.030			
MAX RADIUS: 1.871			
MEAN RADIUS: 0.836			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0165627

SERIAL NUMBER: G6590151. __ 0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 23:45

POINT#	X	Y
1:	0.118	1.035
2:	0.355	1.537
3:	-0.519	0.605
4:	0.409	0.355
5:	0.346	-0.065
6:	-0.585	-0.051
7:	-1.184	-0.102
8:	-0.513	-0.683
9:	-0.015	-0.936
10:	0.395	-0.742

X CENTROID: -0.119

Y CENTROID: 0.095

POA TO CENTROID: 0.153

HORZ SPREAD: 1.593

VERT SPREAD: 2.473

GROUP SPREAD: 2.501

MIN RADIUS: 0.488

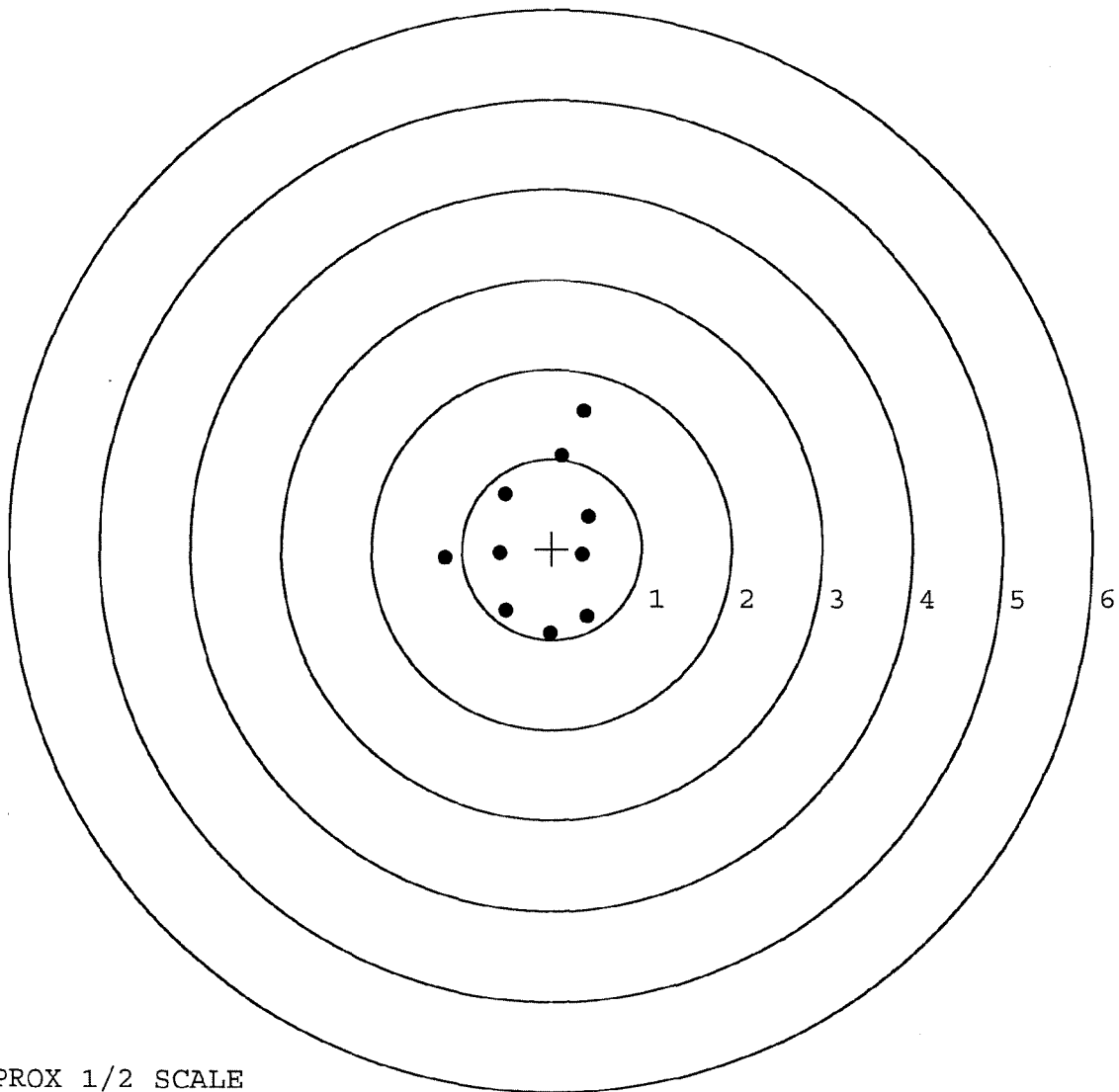
MAX RADIUS: 1.518

MEAN RADIUS: 0.868

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0165628

SERIAL NUMBER: G6590151. __0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.758	0.667
2:	-0.537	0.340
3:	-0.246	0.417
4:	0.106	0.278
5:	0.427	0.294
6:	0.335	-0.105
7:	0.462	-0.705
8:	-0.200	-0.804
9:	0.890	0.499
10:	-1.144	1.884

X CENTROID: -0.067

Y CENTROID: 0.276

POA TO CENTROID: 0.284

HORZ SPREAD: 2.034

VERT SPREAD: 2.688

GROUP SPREAD: 3.047

MIN RADIUS: 0.173

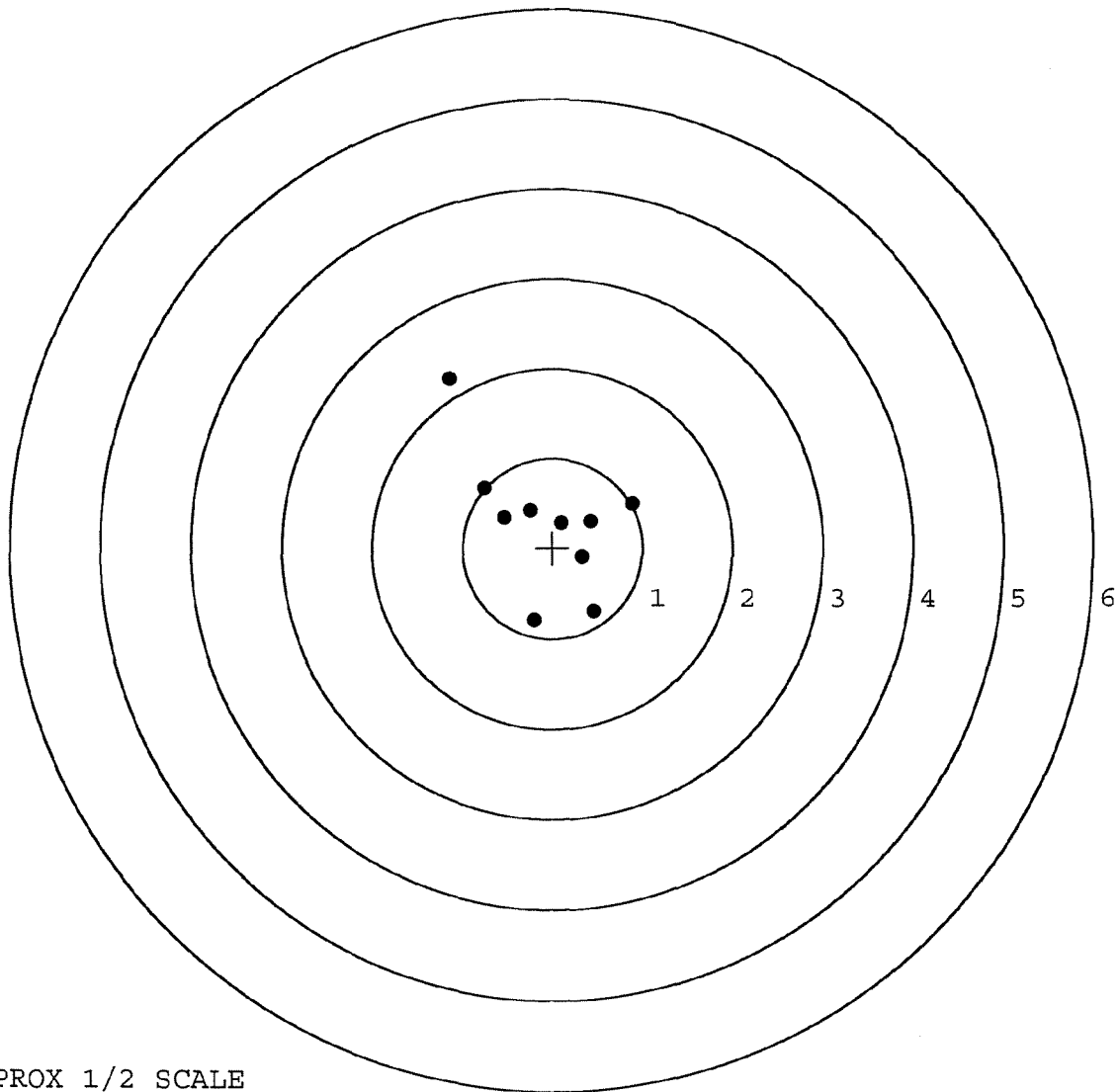
MAX RADIUS: 1.935

MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

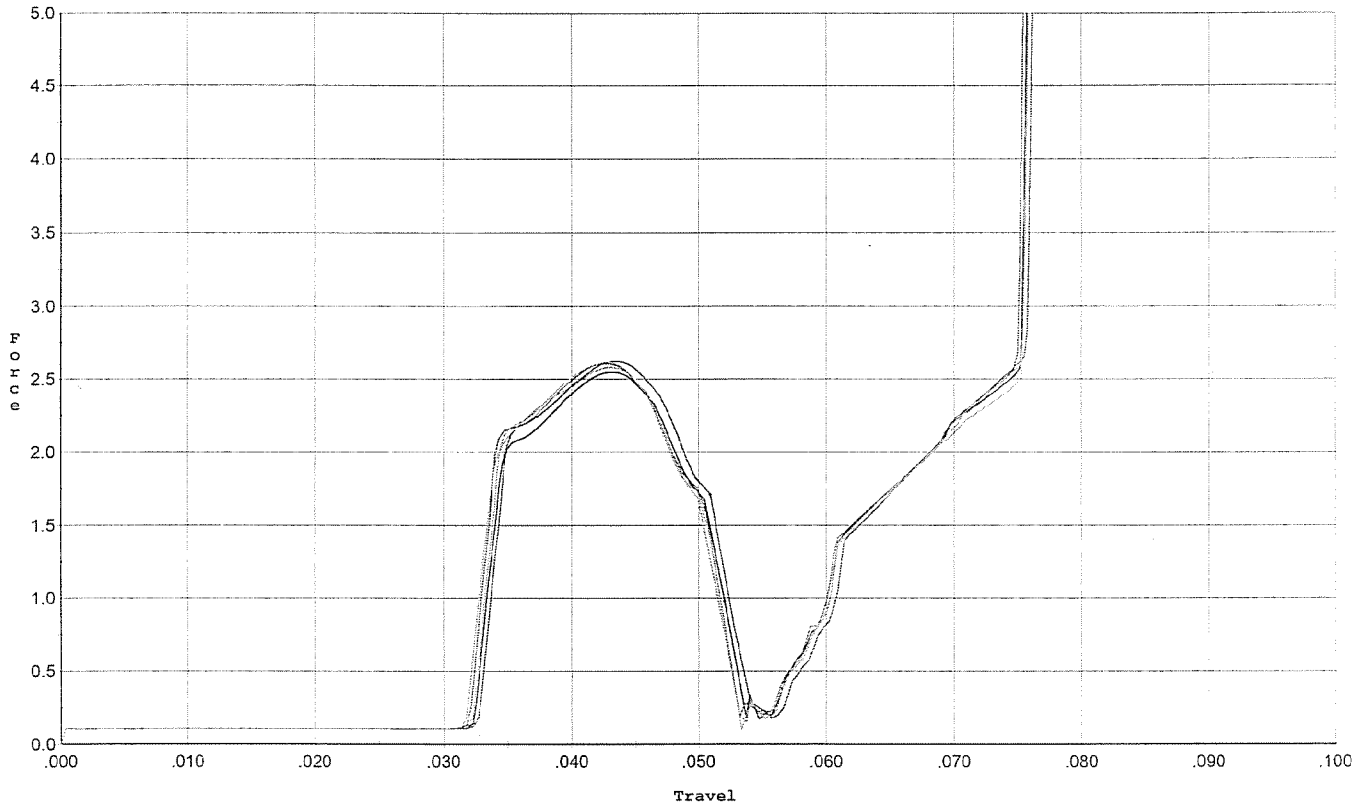


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 3/12/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



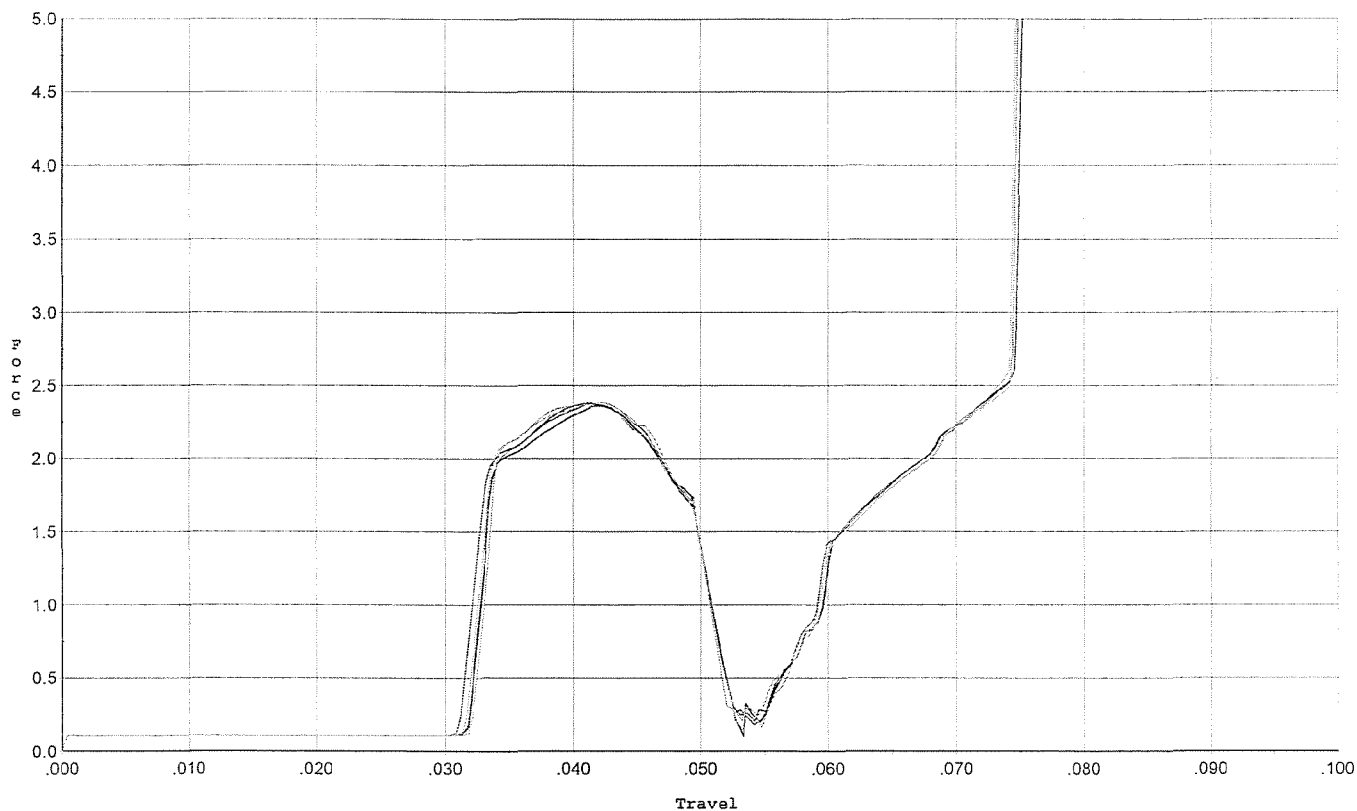
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.620	0.051	0.033	0.032	0.044		Set Trigger
2	2.549	0.052	0.033	0.032	0.043		Set Trigger
3	2.607	0.051	0.032	0.032	0.044		Set Trigger
4	2.615	0.051	0.032	0.032	0.043		Set Trigger
5	2.583	0.051	0.032	0.032	0.044		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/12/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



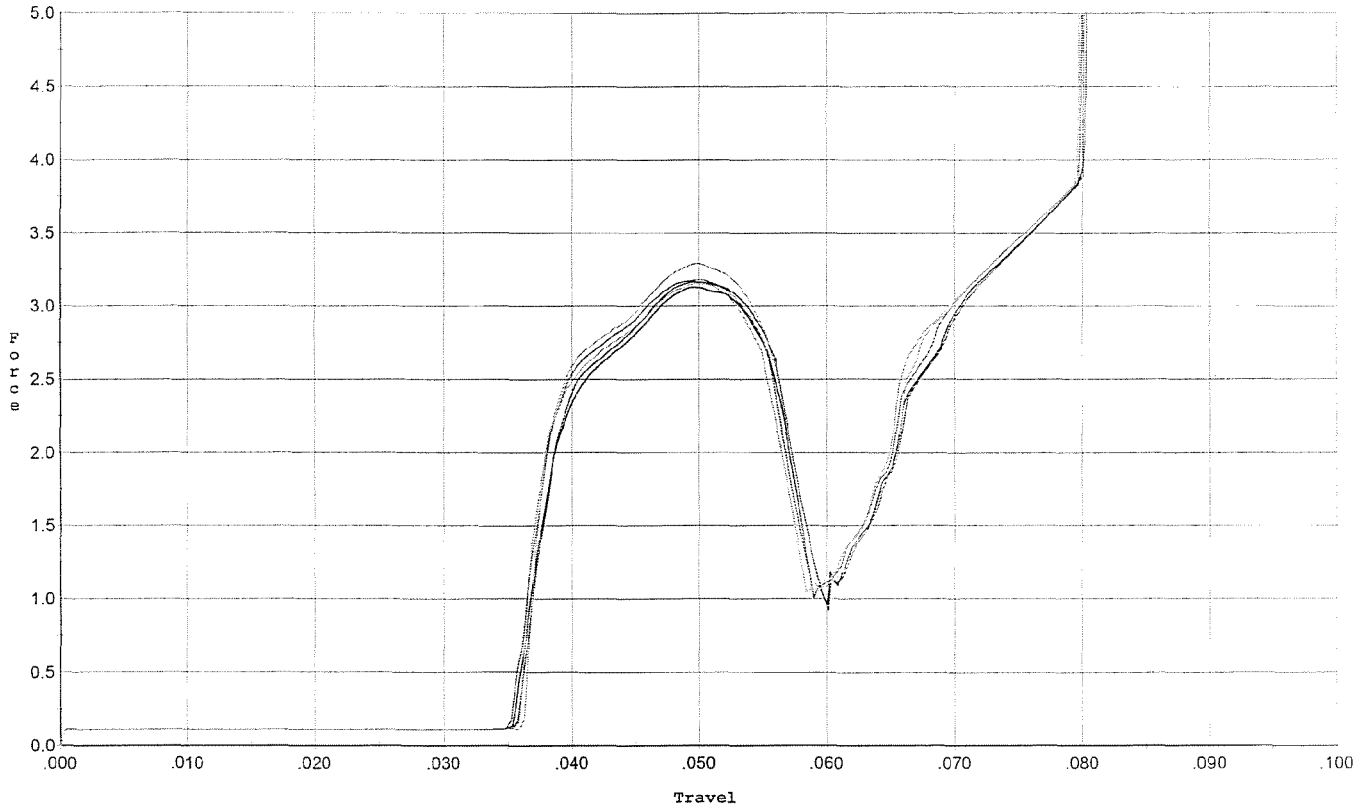
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.377	0.049	0.031	0.032	0.041		Set Trigger
2	2.362	0.049	0.032	0.032	0.039		Set Trigger
3	2.391	0.049	0.032	0.032	0.040		Set Trigger
4	2.391	0.050	0.032	0.032	0.040		Set Trigger
5	2.389	0.049	0.032	0.032	0.040		Set Trigger

Avg 2.38

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/12/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



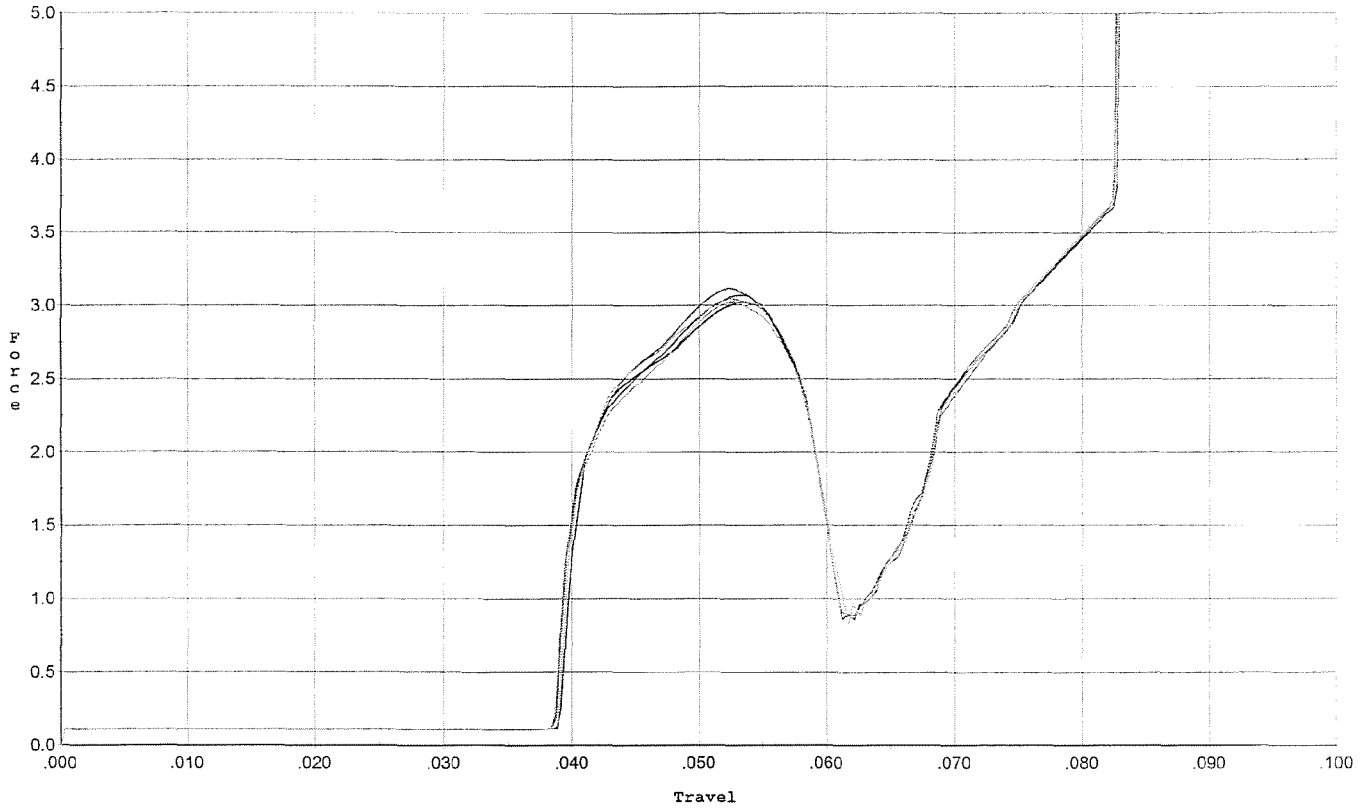
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.164	0.056	0.036	0.030	0.059		Set Trigger
2	3.127	0.056	0.036	0.030	0.058		Set Trigger
3	3.181	0.055	0.035	0.030	0.059		Set Trigger
4	3.291	0.056	0.036	0.029	0.061		Set Trigger
5	3.153	0.056	0.036	0.030	0.059		Set Trigger

Avg 3.18

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/12/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



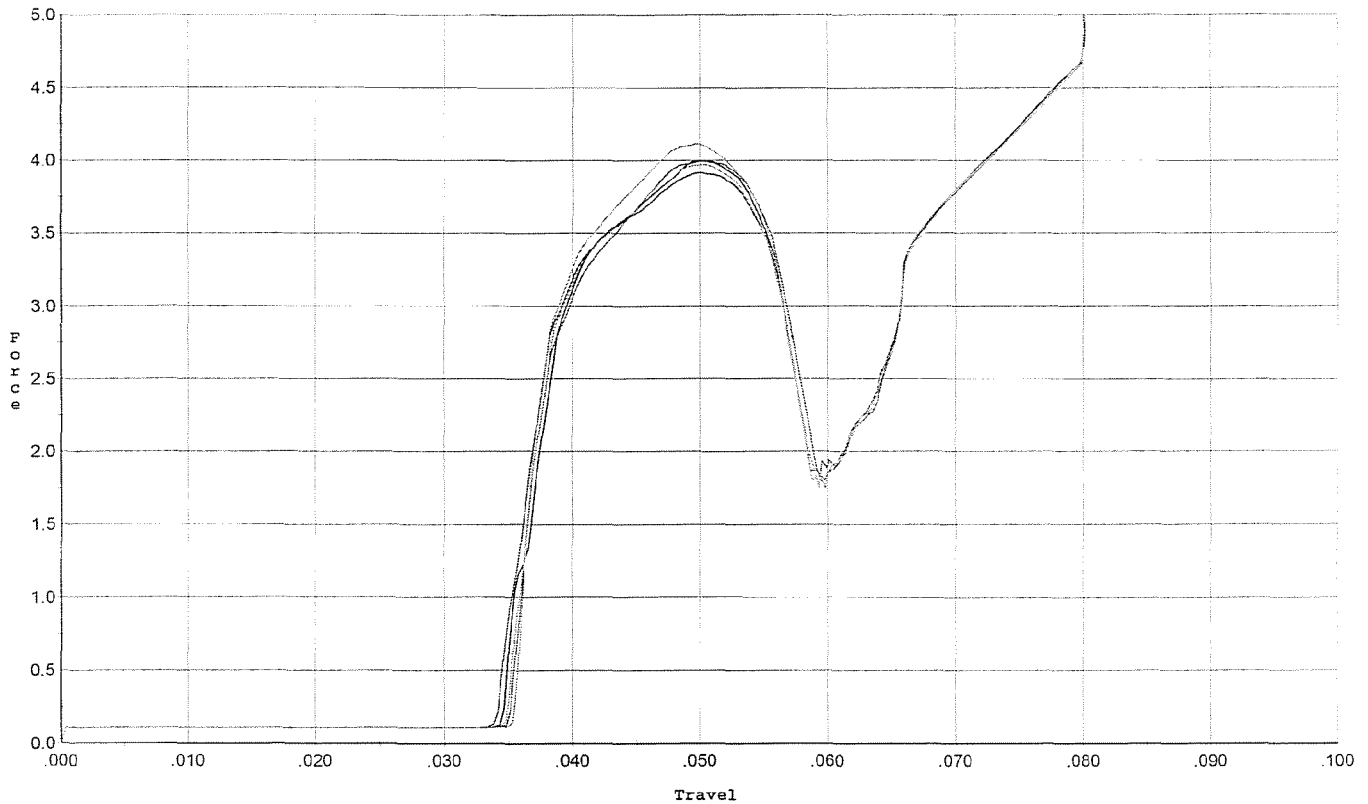
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.071	0.059	0.039	0.030	0.056		Set Trigger
2	3.020	0.059	0.039	0.030	0.055		Set Trigger
3	3.119	0.058	0.039	0.030	0.057		Set Trigger
4	3.027	0.059	0.039	0.030	0.055		Set Trigger
5	3.047	0.058	0.039	0.030	0.056		Set Trigger

AVG 3.05

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/12/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



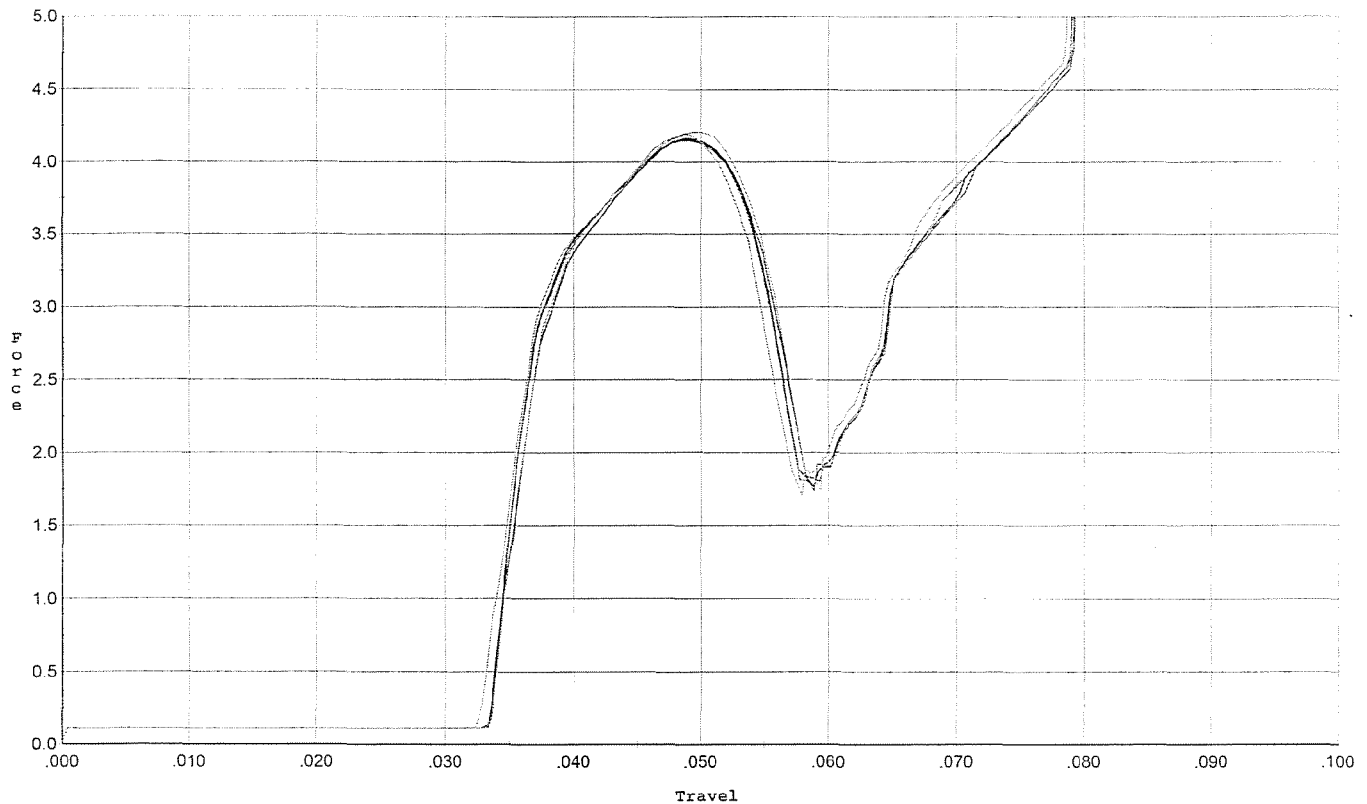
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.918	0.056	0.034	0.029	0.076		Set Trigger
2	3.995	0.056	0.035	0.029	0.076		Set Trigger
3	3.994	0.057	0.035	0.028	0.078		Set Trigger
4	3.972	0.056	0.035	0.028	0.076		Set Trigger
5	4.118	0.056	0.036	0.029	0.077		Set Trigger

Avg 3.99

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 3/12/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



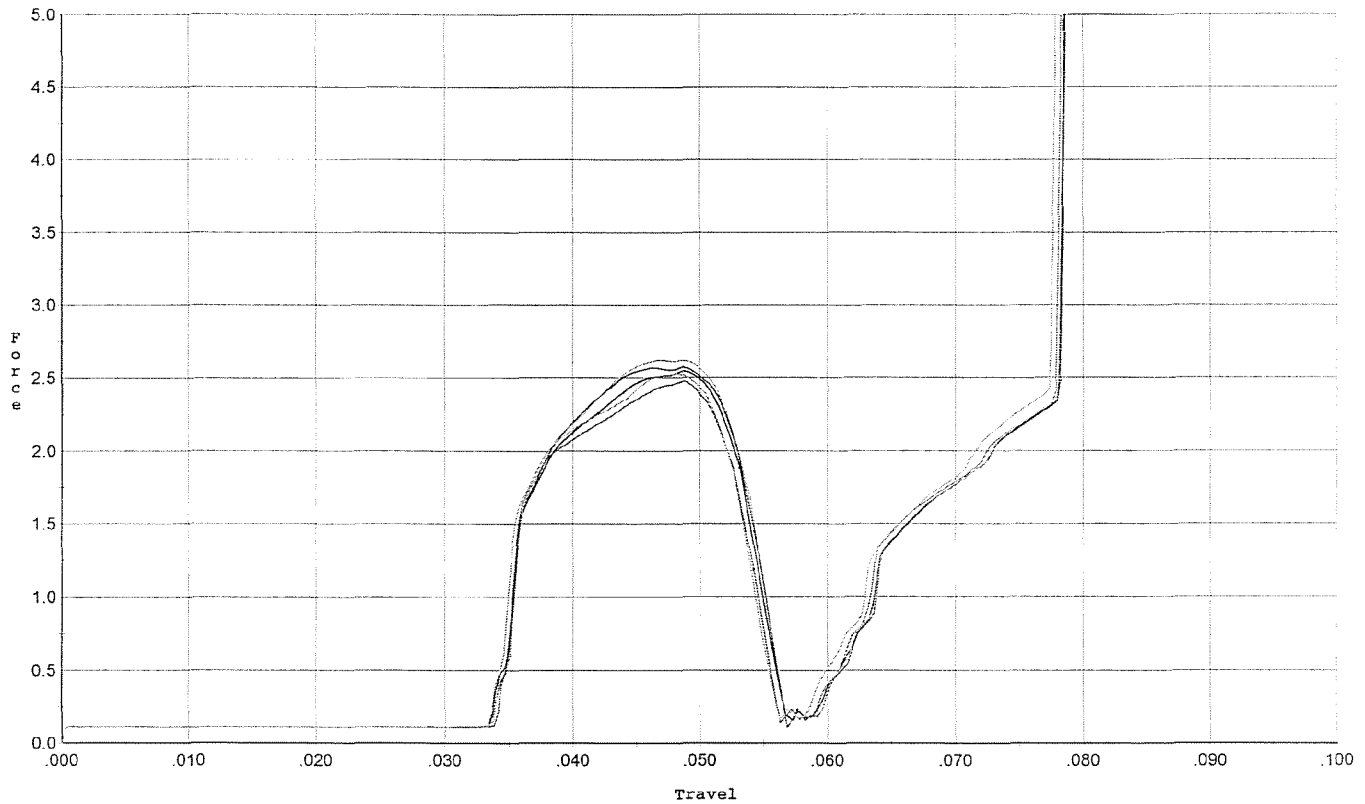
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.164	0.056	0.034	0.028	0.080		Set Trigger
2	4.152	0.055	0.034	0.028	0.079		Set Trigger
3	4.158	0.055	0.034	0.028	0.079		Set Trigger
4	4.209	0.056	0.034	0.028	0.080		Set Trigger
5	4.195	0.054	0.033	0.029	0.076		Set Trigger

Avg 4.17

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/12/07

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



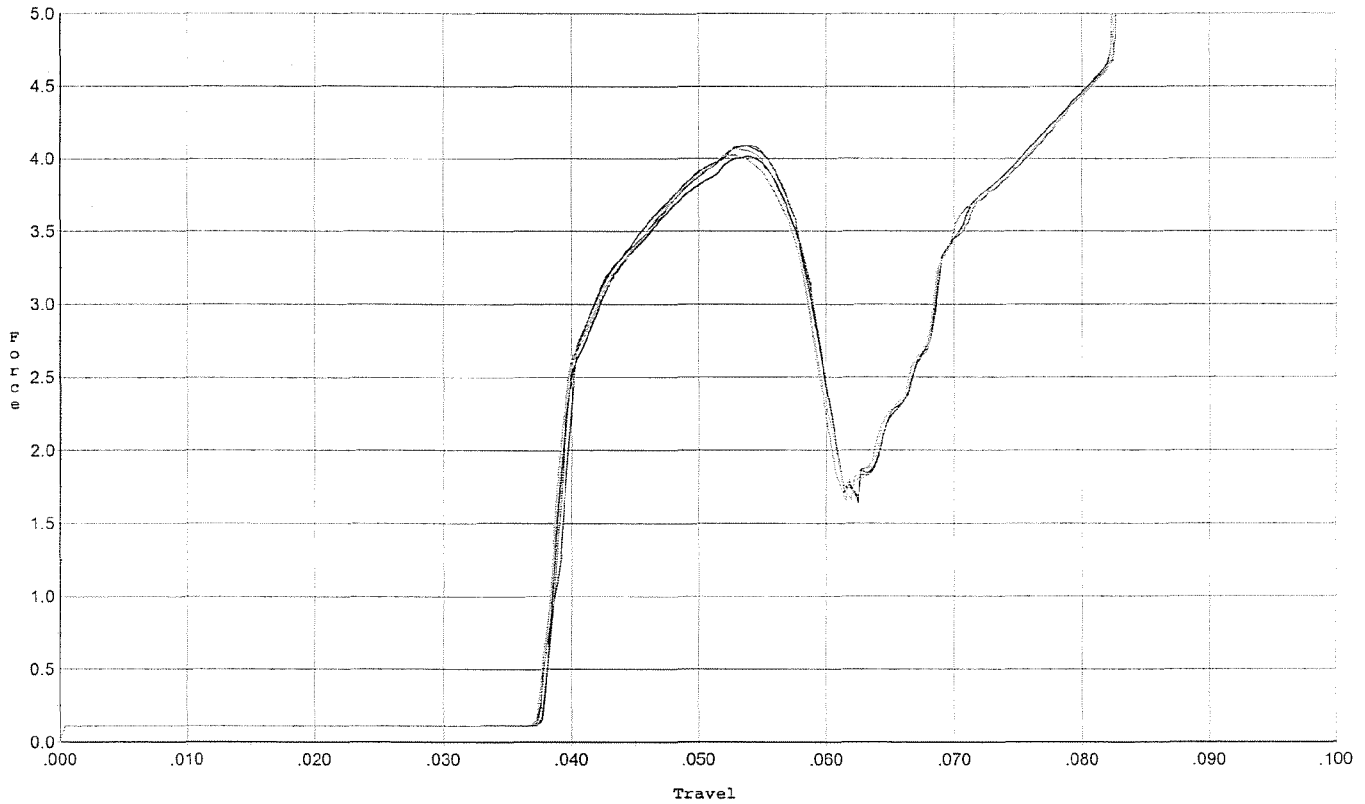
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.576	0.054	0.034	0.031	0.047		Set Trigger
2	2.548	0.053	0.034	0.032	0.045		Set Trigger
3	2.480	0.054	0.034	0.032	0.044		Set Trigger
4	2.623	0.054	0.034	0.031	0.047		Set Trigger
5	2.531	0.053	0.034	0.032	0.044		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/12/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.090	0.059	0.038	0.029	0.077		Set Trigger
2	4.019	0.059	0.038	0.028	0.076		Set Trigger
3	4.091	0.059	0.038	0.028	0.077		Set Trigger
4	4.067	0.058	0.038	0.029	0.075		Set Trigger
5	4.027	0.058	0.038	0.029	0.075		Set Trigger

Avg 4.05

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

R & E NUMBER	126633		6659051 (New)	
SERIAL NUMBER	G6225198			
LOG-IN DATE	3-16-07			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	3-21-07	RTZ	
505	RE-BARREL	3-22-07	RTZ	
560	ASSEMBLE	3-23-07	RTZ	
600	PROOF	3-23-07	TRW	
605	CHECK HEADSPACE	3-23-07	TRW	
610	DIS-ASSEMBLE GUN	3-23-07	RTZ	
612	MAGNAFLUX	3-26-07	APD	
510	DRILL AND TAP	3-23-07	TRW	
615	ROLLMARK CALIBER	3-26-07	CW	
618	ROTO-BLAST	3-26-07	CB	
620	APPLY COATINGS	3-26-07	W	
625	FINAL ASSEMBLY	4-11-07	RTZ	
640	FUNCTION TEST AND	PASS	FAIL	4-11-07 non
650	TARGET	PASS	FAIL	4-11-07 non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION			4/14/07 non
	A) HEADSPACE	PASS	FAIL	4/14/07 non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		268 239 248 261 254 4/19/07 non
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX		6.5 6.5 6.5 4/19/07 non
	G) SAFETY OFF FORCE	2 LBS MIN		4.25 4.0 4.25 4/19/07 non
	I) FIRING PIN INDENT	.020		.023 .023 .023 4/19/07 non
690	PACK			4-23-07 DA

Repair Inquiry

Repair Number: RE00083857

Serial: C6225198 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 8/17/2004 9:26:21 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: ISSD ARMS ROOM

ISSD ARMS ROOM

Address 1: BLDG 5210

BLDG 5210

Address 2: FORT CAMPBELL

PO Box:

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:

Fax:

Email:

Comments:

Received Condition:

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	2
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search

Refresh

Close

inagletj

8/17/2004

9:38 AM

CAPS

NUM

INS

SCPL

start

3

4

5

6

7

8

9

0

1

2

Serial Number: C6225198

Model: M24 SWS



RE00083857

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225198.__0

FILE DATE AND TIME: 09/30/2004 07:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.026
The Average Y Centroid of the Five Target Set:	-0.084
The Average Point of Impact of the Five Target Set:	0.088
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.193
The Distance from Centroid Target #3 to Centroid Target #1:	0.024
The Distance from Centroid Target #4 to Centroid Target #1:	0.376
The Distance from Centroid Target #5 to Centroid Target #1:	0.244

SERIAL NUMBER: C6225198. 0

TARGET NUMBER: 1

FILE DATE: 09/30/2004

FILE TIME: 07:56

X CENTROID: -0.010

Y CENTROID: 0.075

POA TO CENTROID: 0.075

HORZ SPREAD: 1.520

VERT SPREAD: 2.161

GROUP SPREAD: 2.273

MIN RADIUS: 0.177

MAX RADIUS: 1.325

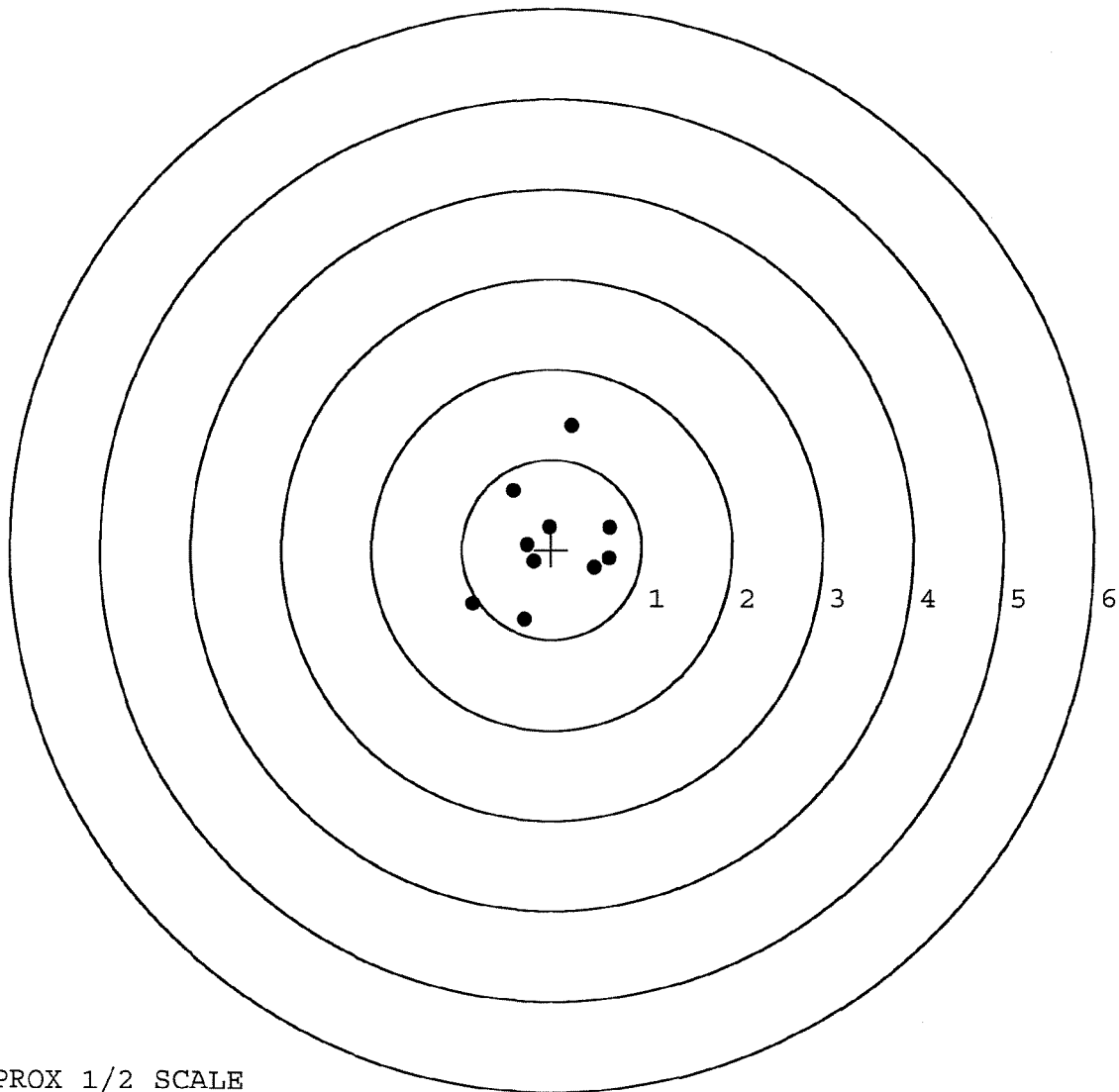
MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.301	-0.782
2:	-0.874	-0.612
3:	0.474	-0.204
4:	0.641	-0.105
5:	0.646	0.246
6:	-0.020	0.251
7:	-0.267	0.059
8:	-0.196	-0.137
9:	-0.430	0.650
10:	0.223	1.379



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225198. 0

TARGET NUMBER: 2

FILE DATE: 09/30/2004

FILE TIME: 07:56

POINT#	X	Y
1:	0.171	-0.650
2:	0.548	0.142
3:	-0.605	-0.478
4:	-0.595	0.399
5:	0.199	0.075
6:	-0.149	0.076
7:	-0.094	-0.253
8:	0.289	-0.239
9:	-0.044	-0.166
10:	0.140	-0.089

X CENTROID: -0.014

Y CENTROID: -0.118

POA TO CENTROID: 0.119

HORZ SPREAD: 1.153

VERT SPREAD: 1.049

GROUP SPREAD: 1.299

MIN RADIUS: 0.056

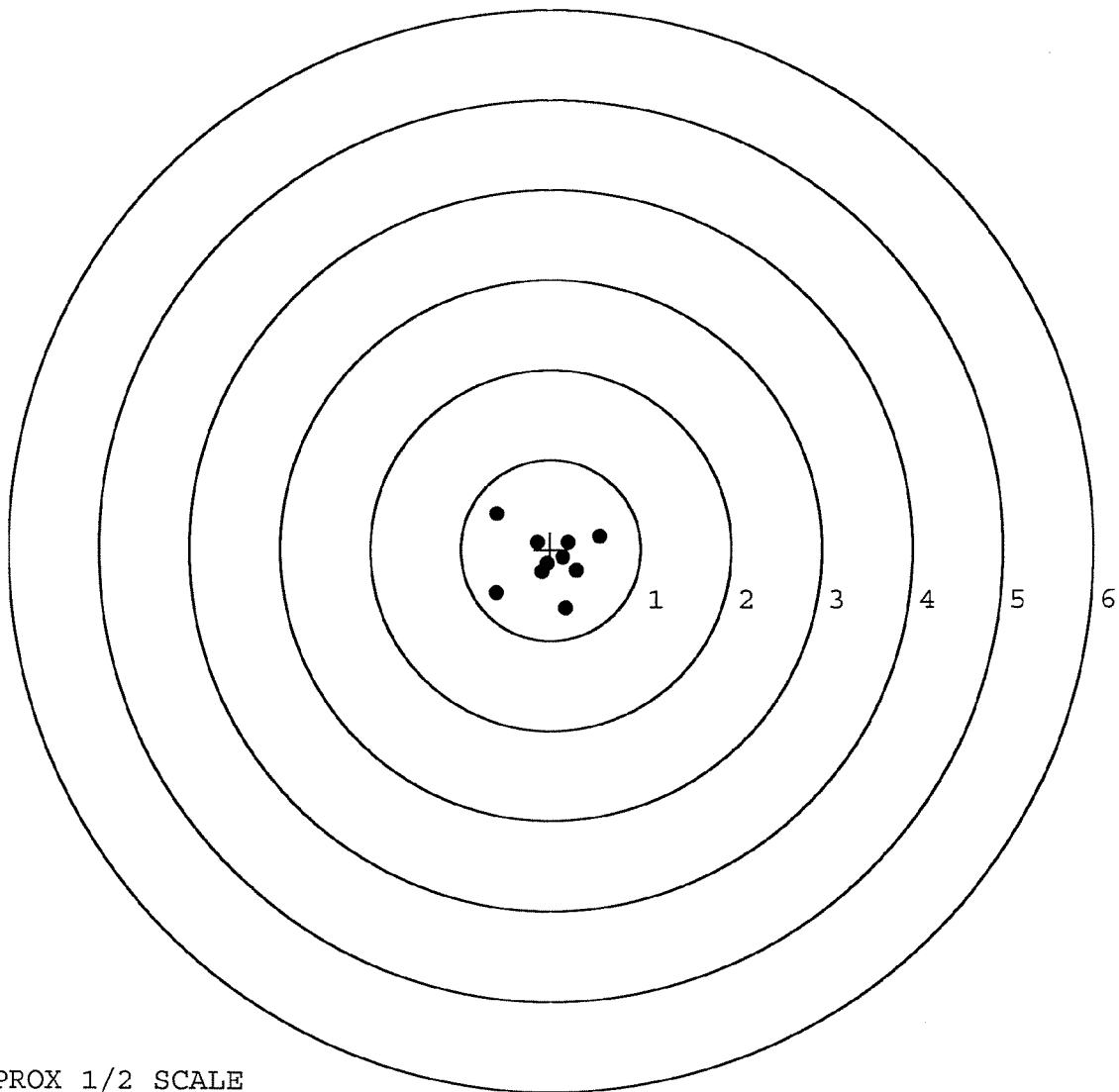
MAX RADIUS: 0.778

MEAN RADIUS: 0.387

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225198. __0

TARGET NUMBER: 3

FILE DATE: 09/30/2004

FILE TIME: 07:56

POINT#	X	Y
1:	0.415	-0.743
2:	-0.098	-0.889
3:	0.684	0.009
4:	0.385	0.070
5:	-0.462	-0.295
6:	-0.733	-0.451
7:	-0.203	0.434
8:	0.015	0.578
9:	-0.027	0.828
10:	0.161	1.184

X CENTROID: 0.014

Y CENTROID: 0.073

POA TO CENTROID: 0.074

HORZ SPREAD: 1.417

VERT SPREAD: 2.073

GROUP SPREAD: 2.089

MIN RADIUS: 0.371

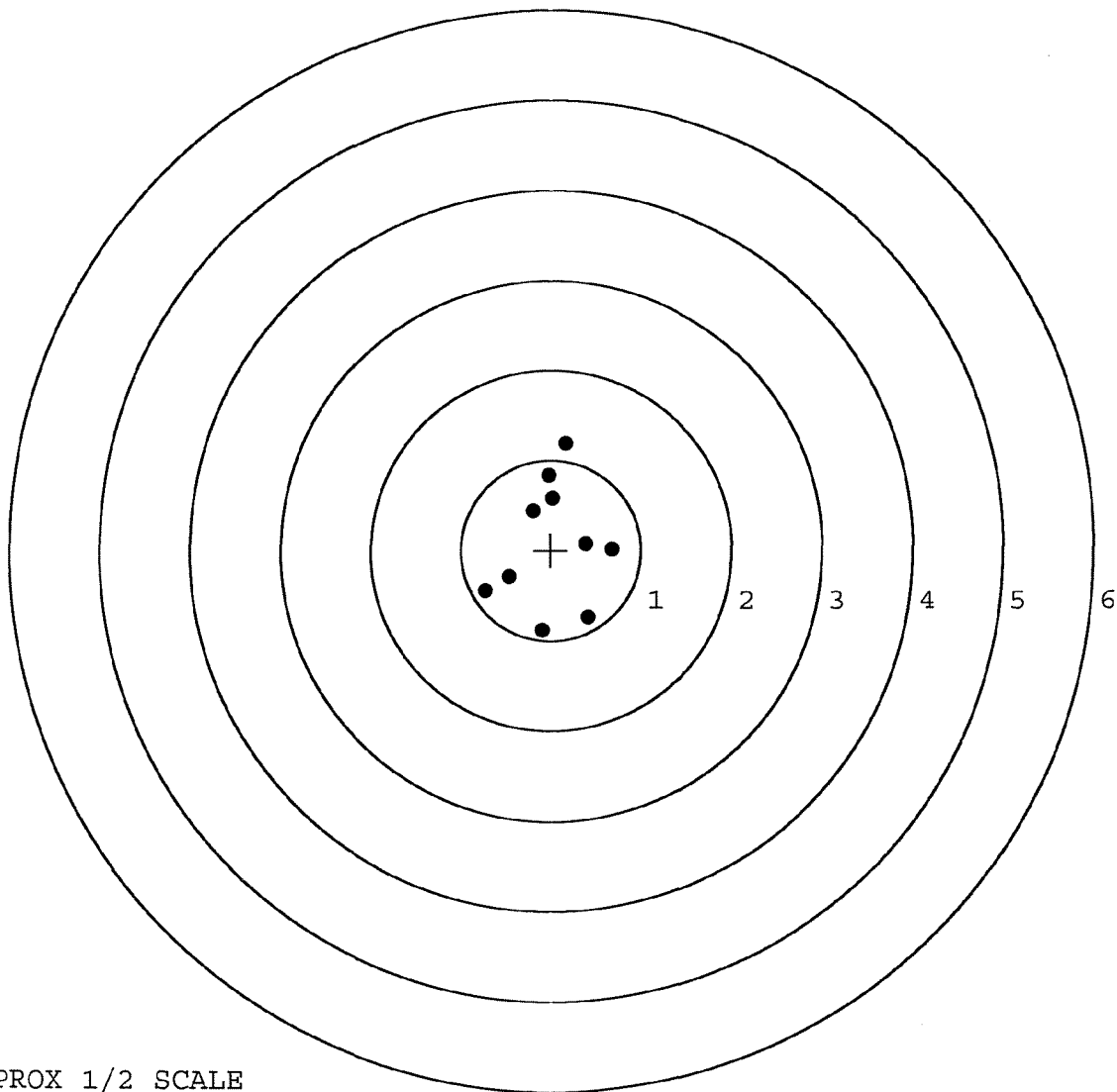
MAX RADIUS: 1.121

MEAN RADIUS: 0.724

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225198. 0

TARGET NUMBER: 4

FILE DATE: 09/30/2004

FILE TIME: 07:56

POINT#	X	Y
1:	0.739	-2.572
2:	0.475	-0.112
3:	-0.704	0.007
4:	-0.465	0.222
5:	0.363	-0.874
6:	0.191	-0.721
7:	0.018	-0.530
8:	0.316	0.490
9:	0.001	0.422
10:	-0.023	0.790

X CENTROID: 0.091

Y CENTROID: -0.288

POA TO CENTROID: 0.302

HORZ SPREAD: 1.443

VERT SPREAD: 3.362

GROUP SPREAD: 3.447

MIN RADIUS: 0.253

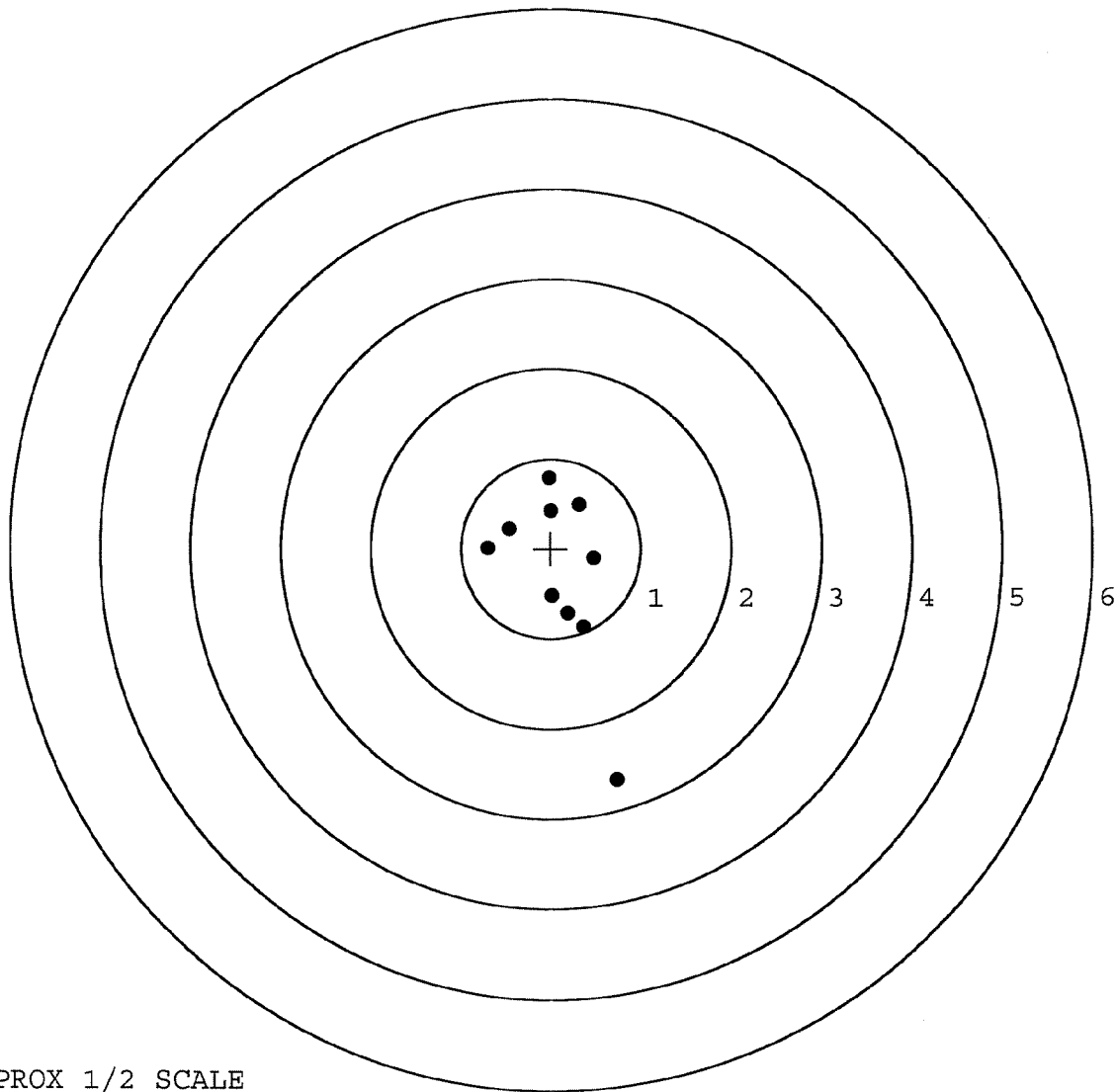
MAX RADIUS: 2.374

MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

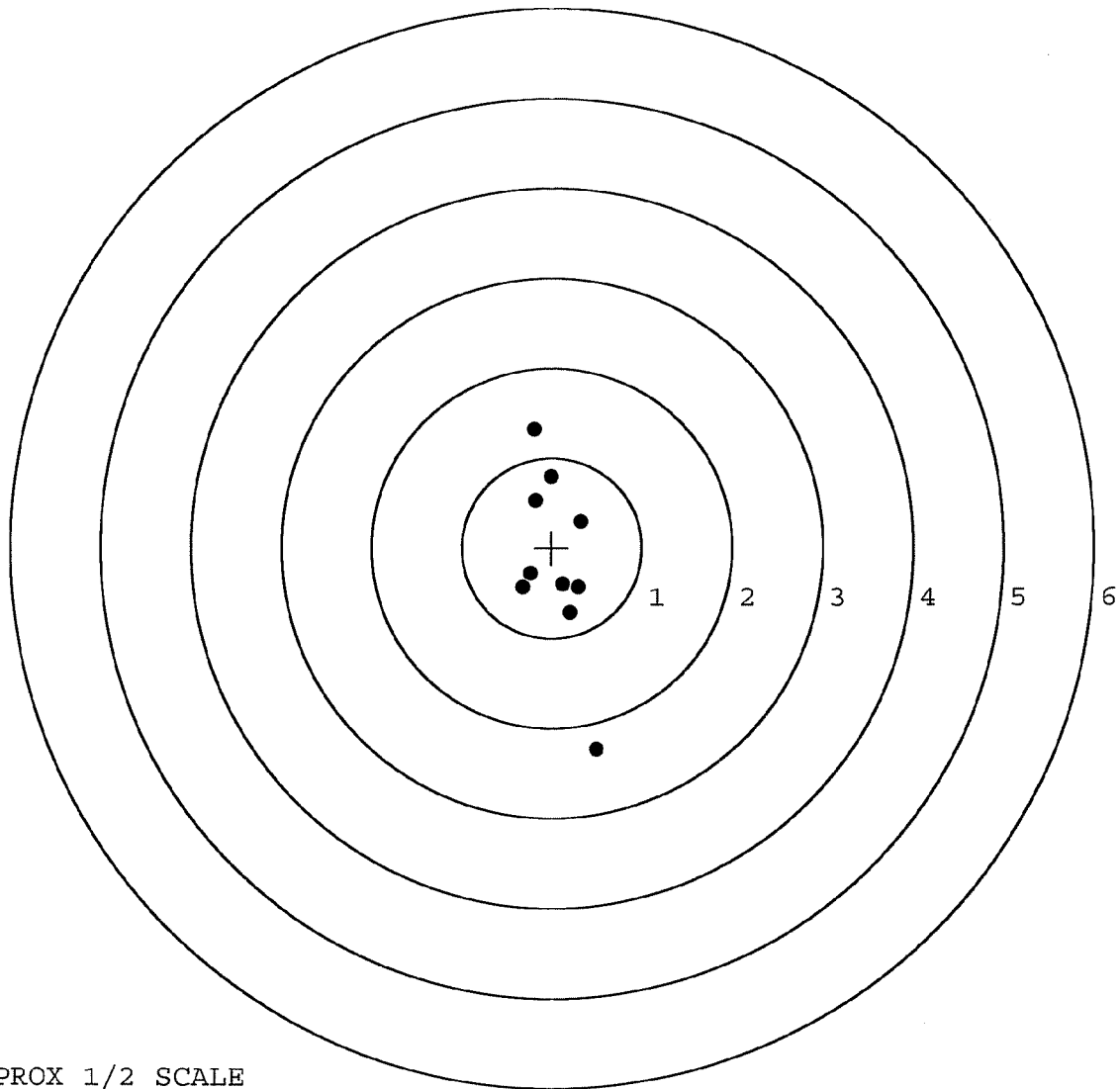


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225198. __0
 TARGET NUMBER: 5
 FILE DATE: 09/30/2004
 FILE TIME: 07:56

POINT#	X	Y
1:	-0.198	1.318
2:	-0.008	0.793
3:	-0.180	0.525
4:	0.322	0.292
5:	-0.238	-0.289
6:	-0.321	-0.446
7:	0.123	-0.409
8:	0.294	-0.443
9:	0.203	-0.721
10:	0.499	-2.244

X CENTROID: 0.050
 Y CENTROID: -0.162
 POA TO CENTROID: 0.170
 HORZ SPREAD: 0.820
 VERT SPREAD: 3.562
 GROUP SPREAD: 3.630
 MIN RADIUS: 0.257
 MAX RADIUS: 2.130
 MEAN RADIUS: 0.783
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
BARBER - M24 0165645
 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 8-16-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.67		2.40	
PULL #2	2.71	2.89		2.46	
PULL #3	2.73	2.79		2.48	
PULL #4	2.77	2.63		2.41	
PULL #5	2.72	2.61		2.47	
TOTAL	13.13	13.59		12.22	
AVERAGE	2.62	2.71		2.44	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.11		
PULL #2	3.37	3.24		
PULL #3	3.40	3.13		
PULL #4	3.37	3.19		
PULL #5	3.40	3.12		
TOTAL	16.99	15.79		
AVERAGE	3.39	3.15		

	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	4.27	4.09		4.16
PULL #2	4.29	4.25		4.11
PULL #3	4.33	4.29		4.27
PULL #4	4.30	4.32		4.26
PULL #5	4.27	4.29		4.21
TOTAL	21.46	21.24		21.01
AVERAGE	4.29	4.24		4.20

R & E NUMBER	83857		
SERIAL NUMBER	C6225198		
LOG-IN DATE	8-17-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-14-04	RTL
560 A	RE-BARREL		
B	DRILL AND TAP	8-24-04	TRW
575	ASSEMBLE	MAGNA-FLUX	
600	PROOF	INSPECTED	
605	CHECK HEADSPACE	AUG 25 2004	
610	DIS-ASSEMBLE GUN	OPERATOR	
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-25-04	SB
618	ROTO-BLAST	8-26-04	LB
620	APPLY COATINGS	9/7/04	HP
625 A	FINAL ASSEMBLY	9-29-04	RW
B	TRIGGER PULL TEST	10-1-04	A
C	SAFETY "ON" FORCE	10-1-04	A
D	SAFETY "OFF" FORCE	10-1-04	A
E	FIRING PIN INDENT		
640	TARGET	9-30-04	AC
655	FINAL INSPECT	10-3-04	RTL
660	PACK	10-4-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

BARBER - M24 0165648

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225198
2 Mar 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0556
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8096
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .811507

THE AMR FOR THIS RIFLE IS: 1.125

CENTROIDAL DISTANCES

0 TO 1	.868807
1 TO 2	.445601
1 TO 3	.416125
1 TO 4	.278792
1 TO 5	.243836

1 4 2
5 3

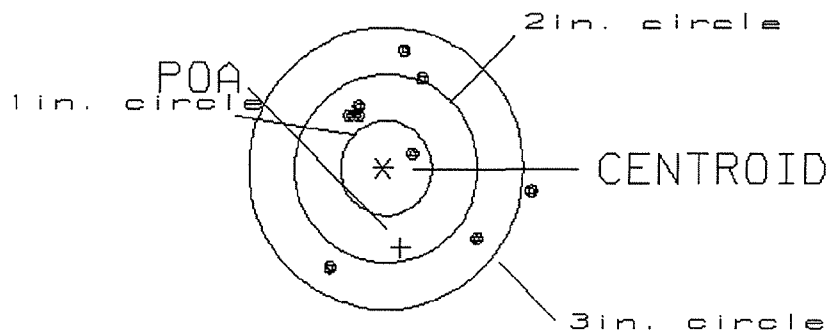
+ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .865
 MIN RADIUS : .334
 MEAN RADIUS : 1.159
 MAX RADIUS : 2.899
 CENTROID X : -.189
 CENTROID Y : .844

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225198

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.49

1

VS= 3.48

4

GS= 4.06

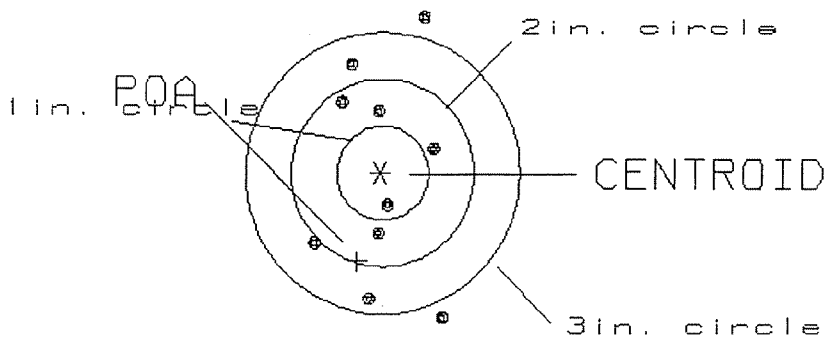
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .972
 MIN RADIUS : .390
 MEAN RADIUS : 1.006
 MAX RADIUS : 1.765
 CENTROID X : .247
 CENTROID Y : .940

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225198

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.41
 VS= 3.20
 GS= 3.21

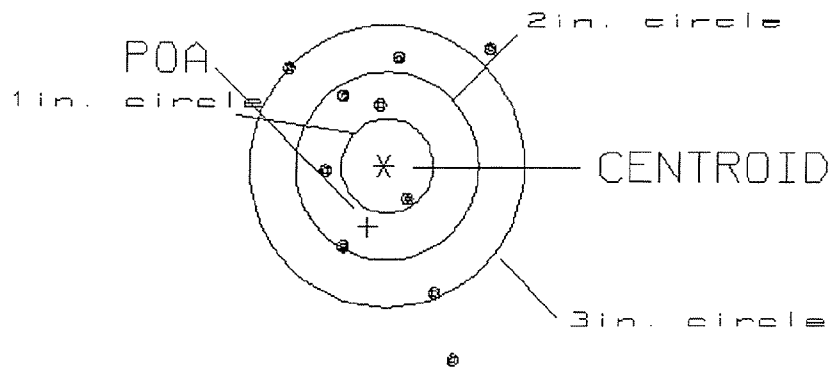
1
 5
 8

PATTERN #: 3
 POA TO CENTROID: .673
 MIN RADIUS : .428
 MEAN RADIUS : 1.162
 MAX RADIUS : 2.228
 CENTROID X : .177
 CENTROID Y : .650

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225198

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.27
 VS= 3.39
 GS= 3.64

1
 4
 7

BARBER - M24 0165652

REMINGTON CENTERFIRE ACCURACY TEST

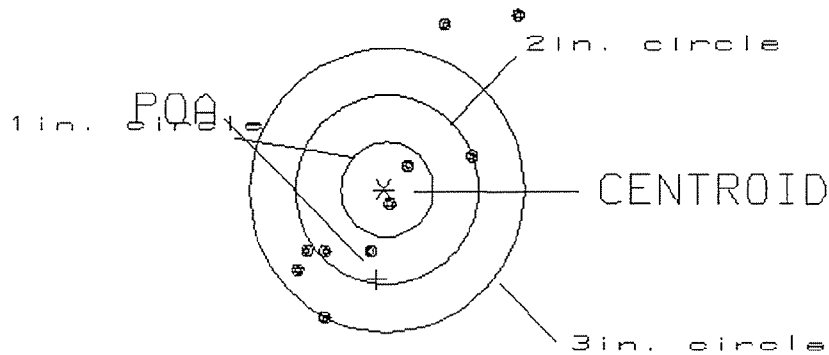
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .949
MIN RADIUS : .184
MEAN RADIUS : 1.097
MAX RADIUS : 2.322
CENTROID X : .072
CENTROID Y : .946

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225198

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.38

2

VS= 3.14

5

GS= 3.75

8

BARBER - M24 0165653

REMINGTON CENTERFIRE ACCURACY TEST

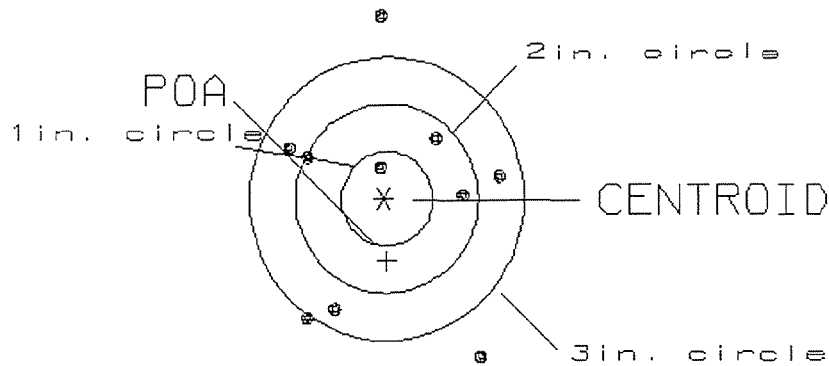
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .664
MIN RADIUS : .330
MEAN RADIUS : 1.203
MAX RADIUS : 1.928
CENTROID X : -.029
CENTROID Y : .664

2 Mar 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225198

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.23

1

VS= 3.55

4

GS= 3.72

7

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0165654

COMMENTS

ORDER
R 93-07315

INITIAL CUSTOMER ORDER NO.

WOG 3 OF 3 W/BI-POD GUNS PAINTED

JUM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/12/93

03/15/93

LJ 2-89

C6225198

700 7.62

NATO

ACCESSORIES

SLING STRAP

W/STUDS

W/SWIVELS

HARD CASE

SCOPE MNTS

W/SCOPE BASE

FROM:

SHIP TO:

COMMANDER
HHC 3BN 502 PIR
ATTN SGT ENTWHISTLE
FT CAMPBELL

KY 42223

COMMANDER
HHC 3BN 502 PIR
ATTN SGT ENTWHISTLE
FT CAMPBELL

KY

42223

CUST NO: 076506 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

Check, Clean & Repair

PARTS

COMMENTS

Barrel - 96003

Re zinc Scope Base Scope Rings,
Swivels & Swivel Studs.
Re powder Coat - Floor plate,
Latch, Trigger Guard, Front &
Rear Sight Bases

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0165654

MAINTENANCE REQUEST				PAGE 1 OF 1		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER															
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																							
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA																		
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP		c. PHONE NO.													
1. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																							
5. ID		6. NSN								15. FAILURE DETECTED DURING (Select one - use / or X)													
7. TYPE MNT. REQ. CODE		8. MODEL								☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration													
9. NOUN		16a. MILES/KILOMETERS (Enter or x)								b. HOURS		c. ROUNDS											
10a. ORG WON		b. EIC								d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)		18. ACCT. PROCESSING CODE							
11. SERIAL NUMBER		b. QTY.								13. PD		19. IN WARRANTY? (Y or N)		20. LEVEL OF WORK (Select one - use / or X)		☐ O Unit Level ☐ H Intermediate General Spt. ☒ I Special Repair Activity ☐ F Immediate Direct Spt. ☒ D Depot							
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)										21. BUMPER NO/TAIL NO.		22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)		23. PD AUTHENTICATION SIGNATURE (Payroll Signature)									
See attached sheet																							
SECTION IV - REPORTABLE DATA																							
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME		25. TECHNICAL REFERENCES											
SECTION V - TASK REQUIREMENTS DATA																							
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		f. WORK CENTER		g. FAILURE CODE		h. MH RMN/PROJ							
SECTION VI - PART REQUIREMENTS																							
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.				e. SFX CD		f. QTY. REQUIRED		g. QTY. ISSUED		h. NM CS		i. FAILURE CODE		j. STORAGE LOCATION		k. NOUN/INIT.	
SECTION VII - COMPLETION DATA																							
29. QTY. RPR		30. QTY. CONDEMN.		31. QTY. NRTS		32. EVAC WON		33. EVAC UNIT NAME															
SECTION VIII - ACTION SIGNATURES																							
34a. SUBMITTED BY		35a. ACCEPTED BY				36a. WORK STARTED BY				37a. INSPECTED BY				38a. PICKED UP BY									
b. ST c. ORD DATE		b. ST c. ORD DATE				b. ST c. ORD DATE				b. ST c. ORD DATE				b. ST c. ORD DATE									
d. MIL TIME		d. MIL TIME				d. MIL TIME				d. MIL TIME				d. MIL TIME									
201413		930413																					

DA FORM 5504, SEP 88

Block 24 continuance, ref: M24SWS 6225198

1. bolt catch spring broken
2. moisture inside scope
3. dust inside scope obscuring reticle
4. request
 - complete services
 - beach test depth and spread tolerances
 - estimate remaining barrel life
 - inspect bore
 - calibrate M3A Scope
 - inspect locking mechanism and bolt face burrs
 - inspect components for hairline cracks and deficiencies due to extreme environmental conditions (southwest asia) and operator abuse
 - inspect all factory tolerances

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		R FROM		M S	STOCK NUMBER																		QUANTITY		DOCUMENT NUMBER										SUPPLEMENTARY ADDRESS										UNIT PRICE																																		
					FSC NIIN ADD																				REQUISITIONER DATE SERIAL																				DOLLARS CTS.																																		
A5A AW3					1005-01-240-2136																		EA00001 W34CM7-3043-0401																				5145.00																																				
SHIPPED FROM																									SHIP TO										MARK FOR										PROJECT										TOTAL PRICE																								
CONSOL PROPERTY ACCOUNT FT CAMPBELL, KY 42223-5000																									REMINGTON ARMS, CO. INC ATTN: CUSTOMER SHOP 14 HOFFLET AVE ELIZON, N.Y. 13357										BOA NO. DAAA21-87-G-0001										DOLLARS CTS.																																		
WAREHOUSE LOCATION																									TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																								
																									G		H		I		J		K		L		M		N		O		P		Q		R		S																														
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)																									FREIGHT CLASSIFICATION NOMENCLATURE																									LIN: B95387																													
																									ITEM NOMENCLATURE																									X M24 7.62 SNIPER WEAPON SYSTEM (SMS) SER NR. C6225064, C6225141, C6225198																													
SELECTED BY AND DATE																									TYPE OF CONTAINER(S)										TOTAL WEIGHT										RECEIVED BY AND DATE										INSPECTED BY AND DATE																								
1R 3054																																			150																																												
PACKED BY AND DATE																									NO OF CONTAINER(S)										TOTAL CUBE										WAREHOUSED BY AND DATE										WAREHOUSE LOCATION																								
																									1-X										21.4																																												
REMARKS																									RETURNED FOR REPAIR AS DIRECTED BY AMCCOM, ROCK ISLAND, IL LETTER OF NOTIFICATION (LON) DID 6 MAY 1988.																									6																													
FIRST DESTINATION ADDRESS																									DATE SHIPPED																																																						
																									3060																																																						
TRANSPORTATION CHARGEABLE TO																									BLADING AWB, DR RECEIVER'S SIGNATURE (AND DATE)										RECEIVER'S DOCUMENT NUMBER																																												
STATION FUNDS																									E-10-10254																																																						

MAINTENANCE REQUEST						PAGE 1 OF 1		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER		
For use of this form, see DA PAM 738-750, the proponent agency is DCSLOG												
SECTION I - CUSTOMER DATA						SECTION II - MAINTENANCE ACTIVITY DATA						
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)			b. SHOP		c. PHONE NO.	
		HHC 3-502		55110								
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT			b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA												
5. ID		6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)								
		1100501-1-1410-11111		☒ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration								
7. TYPE MNT. REQ. CODE		8. MODEL										
		M24										
9. NOUN				16a. MILES/KILOMETERS (Enter or X)				b. HOURS		c. ROUNDS		
SUPER 60mm System				MI KM								
10a. ORG WON				b. EIC		d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)		
11. SERIAL NUMBER				b. QTY.		13. PD		19. IN WARRANTY? (Y or N)				
C622151981								Y				
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)				20. LEVEL OF WORK (Select one - use / or X)								
See attached Sheet				☐ O Unit Level ☐ H Intermediate General Spt. ☒ I Special Repair Activity ☐ F Immediate Direct Spt. ☒ D Depot								
				21. BUMPER NO./TAIL NO.				22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)				
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)												
SECTION IV - REPORTABLE DATA												
25a. STA		b. ORD DATE		c. MIL TIME		a. STA		b. ORD DATE		c. MIL TIME		
SECTION V - TASK REQUIREMENTS DATA												
27a. FILE IN-PUT CD.		b. TASK NO.		c. ACT. RQD.		d. TASK DESCRIPTION				e. QTY. TO BE RPR		
SECTION VI - PART REQUIREMENTS												
28a. FILE IN-PUT CD.		b. TASK NO.		c. ID		d. RQD NSN OR PART NO.		e. SFX CD		f. QTY. REQUIRED		
SECTION VII - COMPLETION DATA												
29. QTY. RPR		30. QTY. CONDEMN.		31. QTY. NRTS		32. EVAC WON		33. EVAC UNIT NAME				
SECTION VIII - ACTION SIGNATURES												
34a. SUBMITTED BY		35a. ACCEPTED BY		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY				
b. ORD DATE		b. ST c. ORD DATE		d. MIL TIME		b. ST c. ORD DATE		d. MIL TIME		b. ST c. ORD DATE		
1443		1304										

GFM

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225198

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/22/93	RW
600	Proof		3/22/93	RW
607	Check Headspace		3/22/93	RW
610	Dis-assemble Gun		3/22/93	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		4/1/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/93	RW
	C) Inspect Ejector Hole for Chamfer		4/1/93	RW
	D) Oil Firing Pin Ass'y		4/1/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

Op. #	BARBER - M24 0165660 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		4/1/93	RW
	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		4/1/93	RW
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/2/93	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/93	RW
655	Final Inspection			
	A) Headspace		4/3/93	RW
	B) Trigger Pull			
	C) Function		4/2/93	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225198
3 Apr 1993

CENTROIDAL DISTANCES

Ø TO	1	.11673
1 TO	2	.203298
1 TO	3	.373259
1 TO	4	.397785
1 TO	5	.375073

5 2 <----POA
4

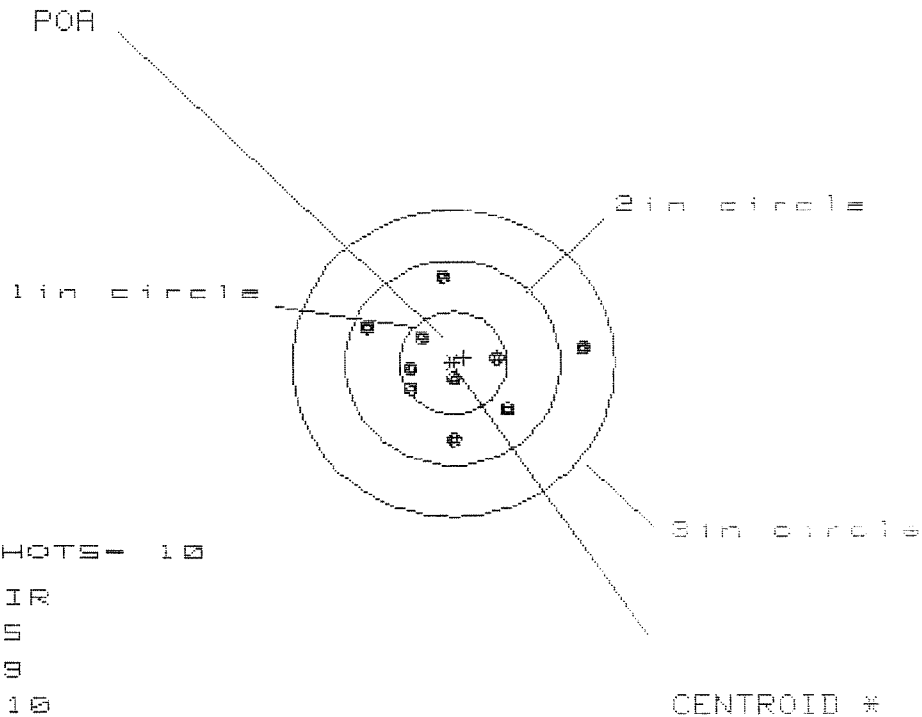
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2434
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.072
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .253826

THE AMR FOR THIS RIFLE IS: .8652

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/06225198

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= 2.042

VS= 1.546

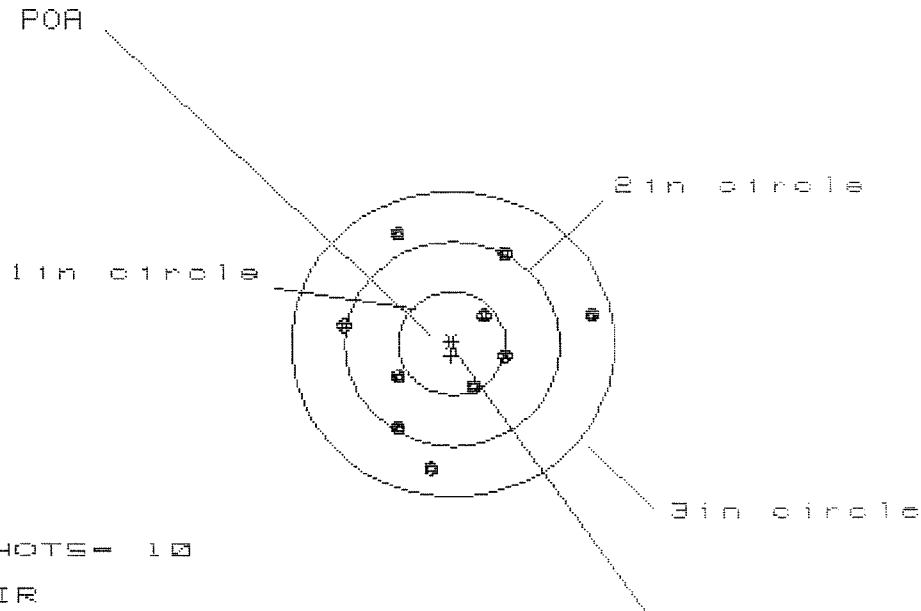
GS= 2.046

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.201	.603	.514
MINIMUM X	-.841	-.708	-.356
MAXIMUM Y	.805	.824	.865
MINIMUM Y	-.741	-.722	-.681
CENTROID X	-.105	-.238	-.149
CENTROID Y	-.051	-.070	-.111
POA TO CENTROID in.	.116	.248	.186
MIN RADIUS	.129	.158	.072
MEAN RADIUS	.613	.527	.489
MAX RADIUS	1.214	.827	.865
HORIZONTAL SPREAD	2.042	1.311	.870
VERTICAL SPREAD	1.546	1.546	1.546
EXTREME SPREAD	2.046	1.547	1.547
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225198

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.314

VS= 2.349

GS= 2.368

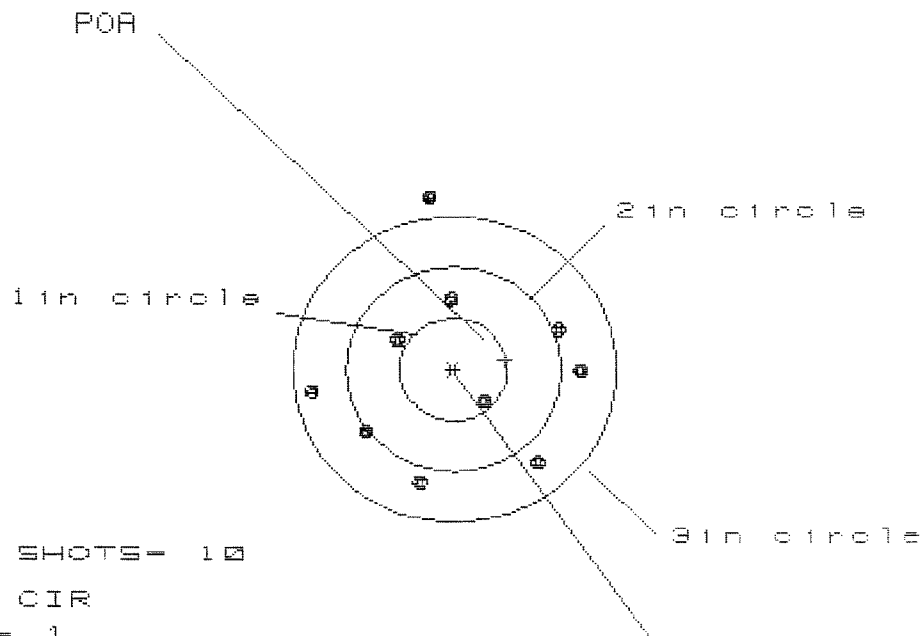
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.341	.607	.599
MINIMUM X	:	-.973	-.824	-.832
MAXIMUM Y	:	1.120	1.153	1.004
MINIMUM Y	:	-1.229	-1.196	-.901
CENTROID X	:	.008	-.141	-.133
CENTROID Y	:	.118	.085	.234
POA TO CENTROID in.	:	.118	.165	.269
MIN RADIUS	:	.414	.469	.471
MEAN RADIUS	:	.871	.813	.767
MAX RADIUS	:	1.374	1.209	1.071
HORIZONTAL SPREAD	:	2.314	1.431	1.431
VERTICAL SPREAD	:	2.349	2.349	1.905
EXTREME SPREAD	:	2.368	2.368	1.925
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225198

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.511

VS= 2.827

GS= 2.830

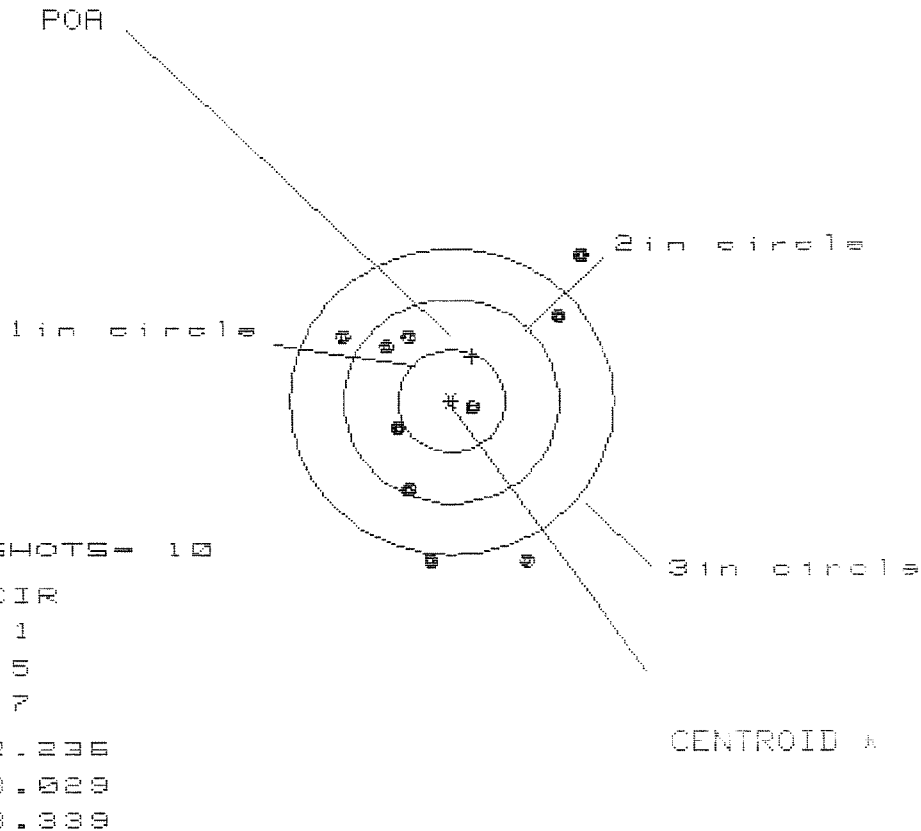
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.195	1.175	1.008
MINIMUM X	-1.316	-1.336	-1.040
MAXIMUM Y	1.729	.922	.923
MINIMUM Y	-1.098	-.906	-.905
CENTROID X	-.476	-.456	-.290
CENTROID Y	-.092	-.284	-.285
POA TO CENTROID in.	.485	.537	.406
MIN RADIUS	.439	.304	.171
MEAN RADIUS	1.043	.948	.878
MAX RADIUS	1.738	1.336	1.111
HORIZONTAL SPREAD	2.511	2.511	2.049
VERTICAL SPREAD	2.827	1.828	1.828
EXTREME SPREAD	2.830	2.515	2.117
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C8225198

CENTERFIRE PATTERNS # 4

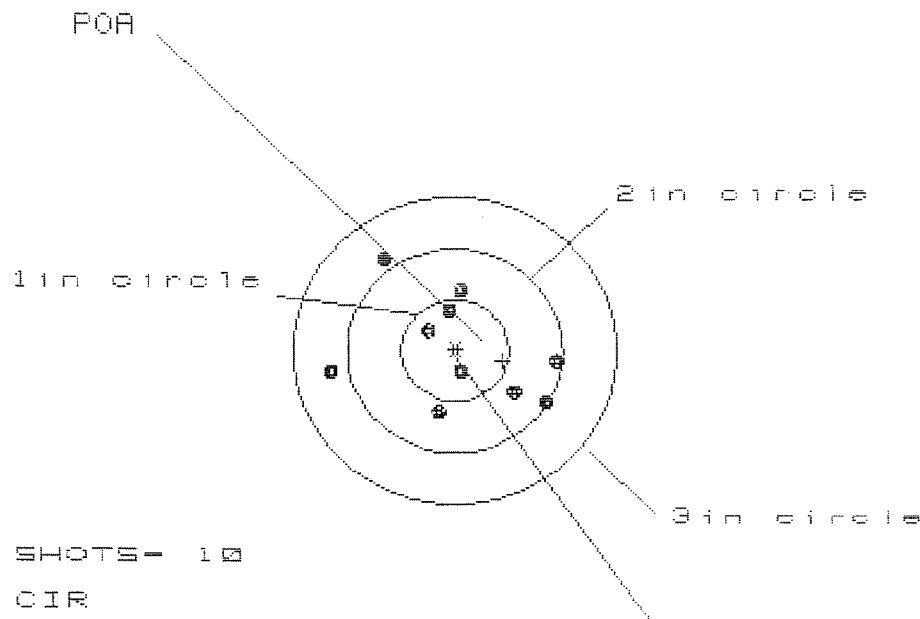


PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.205	1.170	1.280
MINIMUM X	-1.031	-.897	-.787
MAXIMUM Y	1.484	1.034	.861
MINIMUM Y	-1.545	-1.380	-1.541
CENTROID X	-.197	-.331	-.441
CENTROID Y	-.438	-.603	-.430
POA TO CENTROID in.	.480	.687	.616
MIN RADIUS	.149	.320	.372
MEAN RADIUS	1.094	.986	.876
MAX RADIUS	1.911	1.637	1.542
HORIZONTAL SPREAD	2.236	2.067	2.067
VERTICAL SPREAD	3.029	2.414	2.402
EXTREME SPREAD	3.339	2.849	2.713
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

3 Apr 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6225198

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 2.094

VS = 1.479

GS = 2.098

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.911	.780	.677
MINIMUM X	-1.183	-.818	-.533
MAXIMUM Y	.847	.823	.713
MINIMUM Y	-.632	-.656	-.553
CENTROID X	-.447	-.316	-.213
CENTROID Y	.103	.127	.024
POA TO CENTROID in.	.459	.340	.215
MIN RADIUS	.199	.248	.243
MEAN RADIUS	.705	.647	.575
MAX RADIUS	1.203	1.161	.737
HORIZONTAL SPREAD	2.094	1.598	1.210
VERTICAL SPREAD	1.479	1.479	1.266
EXTREME SPREAD	2.098	2.032	1.388
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

Remington



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

MODEL 700™ H24

SERIAL NO.
C6225198

ORDER NO.
5716

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

01



5716 C6225198

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225198

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	pk.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1-27-89	MS.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		3/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/89	RW
	C) Inspect Ejector Hole for Chamfer		3/30/89	RW
	D) Oil Firing Pin Ass'y		3/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/30/89	JS

op. #	OP. NAME	READINGS			DATE	INITIAL
625 cont.	F) Safety On Force	5	4	4	30 April 89	JS
	G) Safety Off Force	3	3	3	30 April 89	JS
	H) Trigger Pull Test & Retainability				31 Mar 89	JS
	I) Firing Pin Indent	.020	.0205	.020	30 April 89	JS
	J) Assemble Stock				4/4/89	RW
	K) Assemble Swivel Studs				12 April 89	JS
	L) Attach Front and Rear Sight Assemblies				4/4/89	RW
	M) Iron Sight Alignment				4/4/89	RW
	N) Detach Front & Rear Sights & place in numbered container				4/4/89	RW
	O) Attach Scope to Rifle				4/4/89	JS
	P) Detach & Attach Scope 20 Times				4/4/89	JS
640	Gallery Target & Test	115	116	116	4/7/89	DH
	A) Time				4/7/89	DH
	B) Malfunctions				4/7/89	DH
	C) Pierced Primers				4/7/89	DH
	D) Optical Clarity of Scope				4/7/89	DH
645	Inspect for Live Ammo				4/7/89	DH
655	Final Inspection				12 April 89	JS
	A) Headspace				12 April 89	JS
	B) Trigger Pull	2.34	2.63	2.63	12 April 89	JS
	C) Function				12 April 89	JS
660	Pack				26 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225198

DATE 4-11-90

TESTER J21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.16		2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.36		2.30	
PULL #3	2.40	2.47		2.32	
PULL #4	2.46	2.48		2.35	
PULL #5	2.33	2.48		2.35	
TOTAL	12.13	11.95		11.63	
AVG.	2.426	2.39		2.326	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.25 3.25		
PULL #2	3.40	3.32		
PULL #3	3.43	3.36		
PULL #4	3.35	3.41		
PULL #5	3.30	3.36		
TOTAL	16.80	16.50		
AVG.	3.36	3.3		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.45		
PULL #2	4.36	4.38		
PULL #3	4.28	4.53		
PULL #4	4.41	4.43		
PULL #5	4.40	4.55		
TOTAL	21.94	22.34		
AVG.	4.388	4.468		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225198
10 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.474046
1 TO	2	.50966
1 TO	3	.14418
1 TO	4	.748798
1 TO	5	.596759

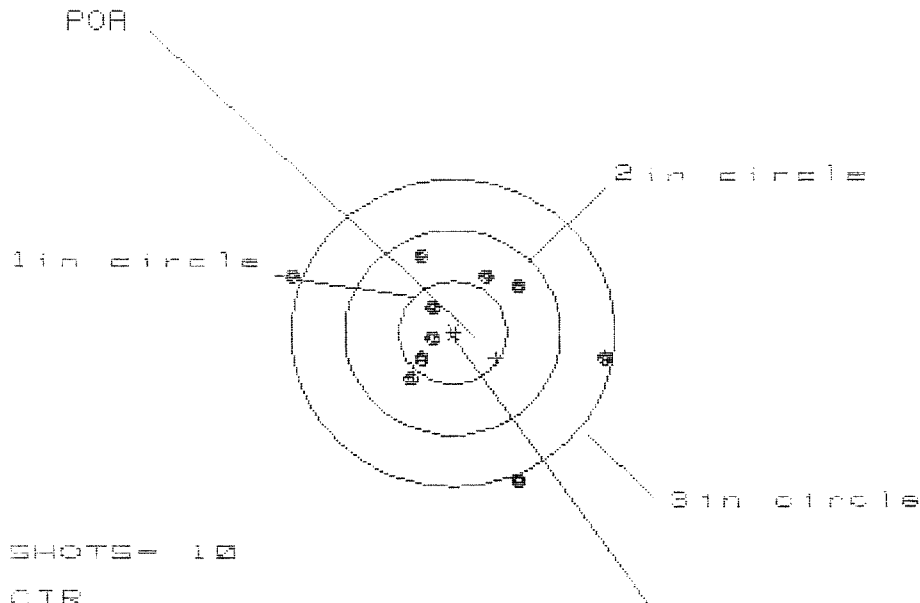
$\bar{x} = \frac{\sum x_i}{n}$ $\bar{y} = \frac{\sum y_i}{n}$ $r = \sqrt{\bar{x}^2 + \bar{y}^2}$ POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0558
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2526
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .25869
THE AMR FOR THIS RIFLE IS: .9

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225198

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.904

VS= 2.150

GS= 3.012

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.391	1.223	1.275
MINIMUM X	-1.513	-.569	-.517
MAXIMUM Y	.722	.782	.611
MINIMUM Y	-1.428	-1.368	-.593
CENTROID X	-.404	-.236	-.288
CENTROID Y	.248	.188	.359
POA TO CENTROID in.	.474	.301	.460
MIN RADIUS	.244	.405	.375
MEAN RADIUS	.837	.780	.660
MAX RADIUS	1.606	1.431	1.329
HORIZONTAL SPREAD	2.904	1.792	1.792
VERTICAL SPREAD	2.150	2.150	1.204
EXTREME SPREAD	3.012	2.315	1.931
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225198

CENTERFIRE PATTERNS # 2

FOR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 1.773

VS= 2.821

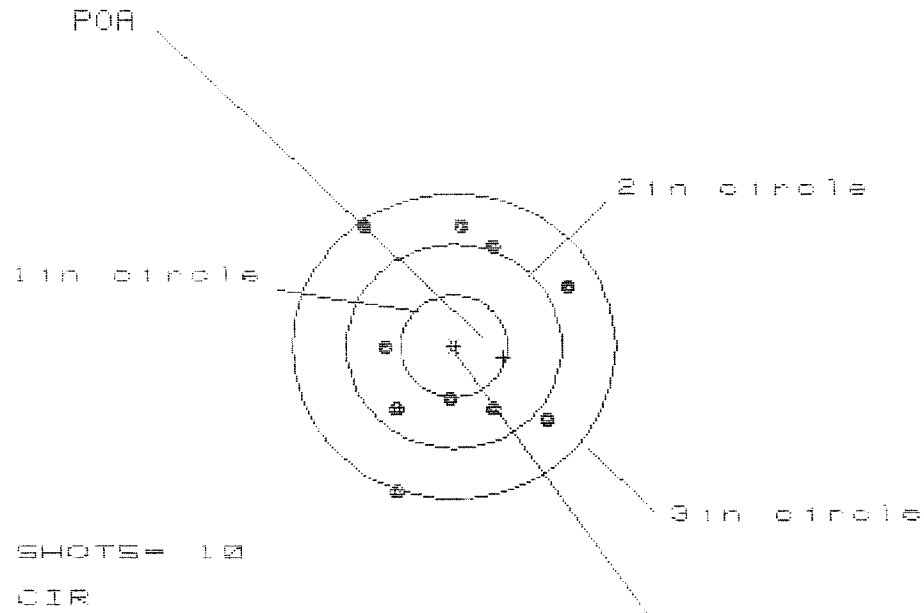
GS= 2.902

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.737	.798	.772
MINIMUM X	:	-1.036	-.975	-.876
MAXIMUM Y	:	1.080	.887	.973
MINIMUM Y	:	-1.741	-1.109	-1.023
CENTROID X	:	.088	.027	-.072
CENTROID Y	:	.115	.308	.222
FOR TO CENTROID in.	:	.144	.309	.234
MIN RADIUS	:	.509	.572	.515
MEAN RADIUS	:	.941	.834	.804
MAX RADIUS	:	1.824	1.201	1.085
HORIZONTAL SPREAD	:	1.773	1.773	1.648
VERTICAL SPREAD	:	2.821	1.996	1.996
EXTREME SPREAD	:	2.902	2.192	2.032
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225198

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 8

HS = 1.888

VS = 2.620

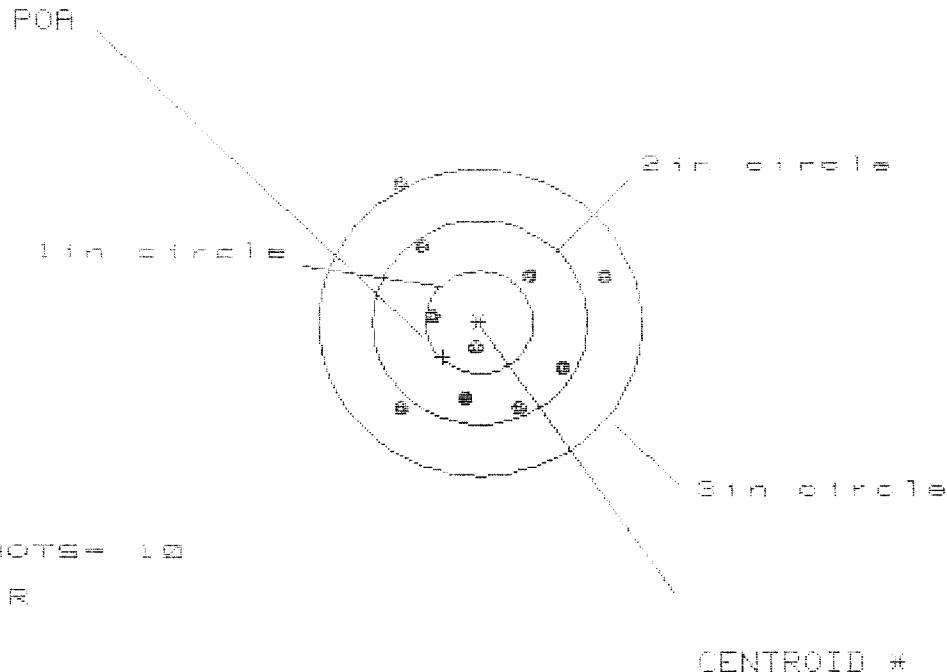
GS = 2.681

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.014	.954	.837
MINIMUM X	-.875	-.935	-.847
MAXIMUM Y	1.199	1.041	1.171
MINIMUM Y	-1.421	-.826	-.696
CENTROID X	-.462	-.402	-.285
CENTROID Y	.116	.274	.144
POA TO CENTROID in.	.476	.487	.320
MIN RADIUS	.533	.693	.585
MEAN RADIUS	1.028	.979	.904
MAX RADIUS	1.519	1.398	1.180
HORIZONTAL SPREAD	1.899	1.889	1.684
VERTICAL SPREAD	2.620	1.867	1.867
EXTREME SPREAD	2.681	2.524	2.028
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225198

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 1.997

VS = 2.253

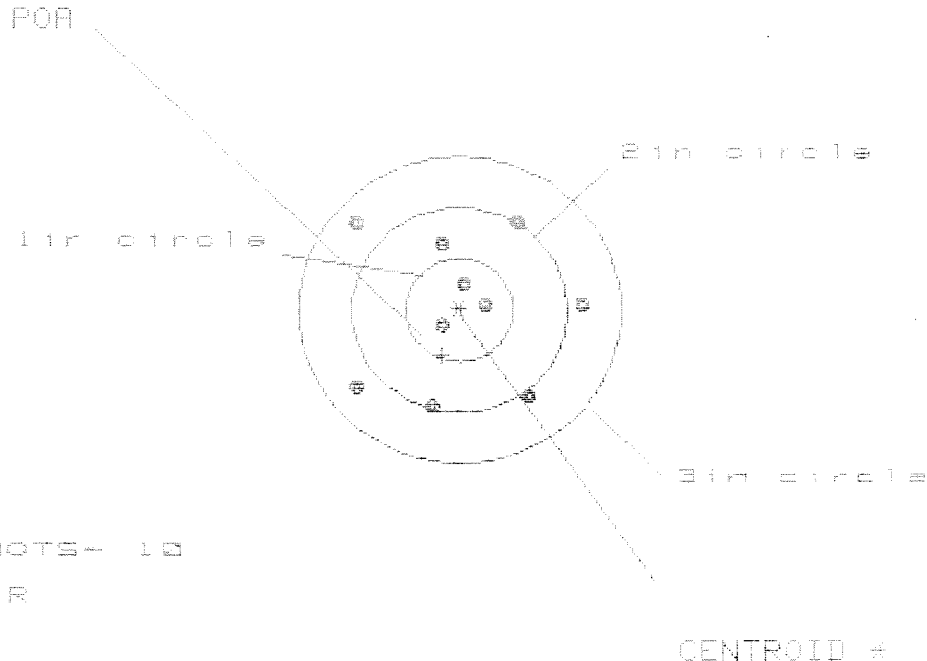
GS = 2.512

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.210	1.123	.767
MINIMUM X	-.787	-.837	-.697
MAXIMUM Y	1.377	.945	1.019
MINIMUM Y	-.977	-.724	-.650
CENTROID X	.339	.426	.286
CENTROID Y	.341	.188	.114
POB TO CENTROID in.	.480	.465	.307
MIN RADIUS	.271	.192	.039
MEAN RADIUS	.878	.776	.681
MAX RADIUS	1.585	1.269	1.133
HORIZONTAL SPREAD	1.997	1.960	1.464
VERTICAL SPREAD	2.253	1.669	1.669
EXTREME SPREAD	2.512	2.323	1.883
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225198

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 10

HS= 2.138

VS= 1.873

GS= 2.314

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.138	1.034	.897
MINIMUM X	-1.000	-1.104	-.936
MAXIMUM Y	.896	.980	.905
MINIMUM Y	-.977	-.877	-.952
CENTROID X	.160	.264	.402
CENTROID Y	.443	.343	.418
POA TO CENTROID in.	.471	.483	.580
MIN RADIUS	.215	.159	.047
MEAN RADIUS	.816	.761	.682
MAX RADIUS	1.292	1.257	1.693
HORIZONTAL SPREAD	2.138	2.138	1.432
VERTICAL SPREAD	1.873	1.857	1.857
EXTREME SPREAD	2.314	2.260	2.056
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

RECEIVING AND ESTIMATING REPORT

BARBER M24 0165577

COMMENTS

ORDER

R 99-06916

INITIAL CUSTOMER ORDER NO.

M-24

SWS

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
03/11/99	03/12/99		C6225198		700 7.62 NATO

ACCESSORIES

FROM:

SHIP TO:

DEPARTMENT OF THE ARMY
HHC 3RD BATILLION 150TH INF
FORT CAMPBELL KY 42223

DEPARTMENT OF THE ARMY
HHC 3RD BATILLION 150TH INF
FORT CAMPBELL KY
42223

CUST NO: 207034 C.D.D^L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	PROM. DATE	ESTIMATED	VIA
				UPS

WRITE ☐

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

NEW SAFETY ARM
CLEANED & TEST

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0165577

BARBER - M24 012409165717

PREVIOUS EDITION MAY BE USED

[illegible]

DD FORM 1348-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT									
27. ADDITIONAL DATA									
26. RIC (4-6) UI (23-24) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)									
25. NATIONAL STOCK NO. & ADD (8-22)									
24. DOCUMENT NUMBER & SUFFIX (30-44)									
1. TOTAL PRICE									
2. SHIP FROM									
3. SHIP TO									
4. MARK FOR CONTRACT COORDINATOR/SALES									
5. DOC DATE									
6. NMFC									
7. FRT RATE									
8. TYPE CARGO									
9. PS									
10. QTY. REC'D									
11. UP BOX									
12. UNIT WEIGHT 160 LBS									
13. UNIT CUBE 25.7									
14. UFC									
15. SL									
16. FREIGHT CLASSIFICATION NOMENCLATURE									
17. ITEM NOMENCLATURE									
RIFLE, SNIPER M24 SWS SER NR: C6225198									
18. TY CONT BOX									
19. NO CONT									
20. TOTAL WEIGHT									
21. TOTAL CUBE									
22. RECEIVED BY									
23. DATE RECEIVED									
1005-01-240-2136 LIN: R95387									
DOC: W34QTQ-8324-3700									
A 5 A EA 0000 CMAB2WMGA 03 F									
1. TOTAL PRICE									
2. SHIP FROM									
3. SHIP TO									
4. MARK FOR CONTRACT COORDINATOR/SALES									
5. DOC DATE									
6. NMFC									
7. FRT RATE									
8. TYPE CARGO									
9. PS									
10. QTY. REC'D									
11. UP BOX									
12. UNIT WEIGHT 160 LBS									
13. UNIT CUBE 25.7									
14. UFC									
15. SL									
16. FREIGHT CLASSIFICATION NOMENCLATURE									
17. ITEM NOMENCLATURE									
RIFLE, SNIPER M24 SWS SER NR: C6225198									
18. TY CONT BOX									
19. NO CONT									
20. TOTAL WEIGHT									
21. TOTAL CUBE									
22. RECEIVED BY									
23. DATE RECEIVED									
1005-01-240-2136 LIN: R95387									
DOC: W34QTQ-8324-3700									
A 5 A EA 0000 CMAB2WMGA 03 F									

PREVIOUS EDITION MAY BE USED

RETURNED FOR REPAIR - PLEASE RETURN WEAPON/S TO TRANS OFFICER, CRP, BLDG 5207, FT CAMPBELL, KY 42223-5565

STATION FUNDS

Round count

Date	Lot#	# Rounds	Total	Date	Lot#	# Rounds	Total
6 Oct	LC94 002	29	29	26 Oct	LC94 002	20	836
6 Oct	LC94 002	10	39	27 Oct	LC94 002	60	896
6 Oct	LC94 002	5	44	28 Oct	LC94 002	40	936
6 Oct	LC94 002	15	59	29 Oct	LC94 002	30	966
7 Oct	LC94 002	50	109				
8 Oct	LC94 002	72	181				
9 Oct	LC94 002	115	296				
13 Oct	LC94 002	50	346				
14 Oct	LC94 002	40	386				
15 Oct	LC94 002	85	471				
16 Oct	LC94 002	65	536				
19 Oct	LC94 002	65	601				
23 Oct	LC94 002	85	686				
24 Oct	LC94 002	85	771				
27 Oct	LC94 002	45	816				

Gun 1

Round count

[illegible]

BARBER - M24 0165681

DATE: 18-NOV-98

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WH5AAA 3-502 INF REGT PHONE: (502) 798-9469
UTIL CODE: 0

----- ACTIVITY DATA -----

SUP WON: 5003 B.CO 526 FSB PHONE: 798-2470
SUP UIC: WFFJ3B0 SHOP SEC: A

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24

NOUN: RIFLE 7.62MM SNIP SER NUM: C6225198 QTY: 00001

ORG WON: H5AAA1808810 PRIORITY: 02 FAILURE DETECTED: D

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: H24-01

DEFICIENCY: SAFETY LATCH BROKEN

PD AUTHENTICATING SIGNATURE: _____

----- SIGNATURE DATA -----

SUBMITTED BY: Reynold ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: PH8 STATUS: A ORD DATE: 98322 MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: PH8 STATUS: B ORD DATE: _____ MIL TIME: _____

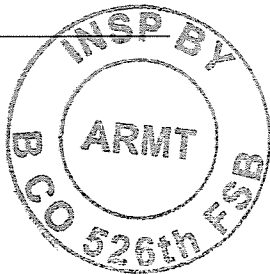
INSPECTED BY: PH8 STATUS: L ORD DATE: 98322 MIL TIME: _____

PICKED UP BY: Reynold STATUS: U ORD DATE: _____ MIL TIME: .5

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____



DAW AR 725-50, code: F
Inspected by PH8 526th FSB DSU
Ins: PH8 INSP # 0048

DATE: 18-NOV-98

DA FORM 5988-E

W34QTL

3-502 INF REGT

EQUIPMENT DATA

ADMIN NUM:	H24-01	EQUIP SERIAL NUM:	C6225198
EQUIP MODEL:	M24	REGISTRATION NUM:	
EQUIP NOUN:	RIFLE 7.62MM SNIP	TYPE INSPECTION:	
EQUIP NSN:	1005012402136	CURRENT READING:	000000

	NUMBER	DATE	CHANGE	NUMBER
PUBLICATION:	TM 9-1005-306-10	06/89		
PUBLICATION:	TM 9-1005-306-10	06/89		

INSPECTORS LIC #: TIME: SIGNATURE: TIME:

PARTS REQUESTED

				QTY	STATUS	DATE			
FAULT	DOC	NUM	NIIN	NOUN	DUE/REC	DATE	COMP	PRI	DLC

MAINTENANCE FAULTS

[illegible]

Replaces edition of 1 Jan 84, which will be used

BARBER - M24 016388465723