

C6349051

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00146680

Serial: C6349051 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/20/2008 8:51:29 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: DEPT OF THE ARMY

DEPT OF THE ARMY

Address 1: HEADQUARTERS AND HEADQUARTERS CO

HEADQUARTERS AND HEADQUARTERS CO

Address 2: 1ST BN 5TH INFANTRY

PO Box:

1ST BN 5TH INFANTRY

PO Box:

City: FORT WRAINWRIGHT

FORT WRAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

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
A010	Hard Case	1
A045	Bi Pod	1
A057	Frt Sgt Base	1
D000	SCOPE & SCOPE BAS	1

Repair Search

Refresh

Close

nagletj

6/20/2008

9:09 AM

CAPS

NUM

INS

SCRL

start

2 Internet Ex...

3 Microsoft O...

8 Microsoft O...

Arms Services ...

9:09 AM

Number: C6349051

Model: M24 SWS



RE00146680

IV-24
BARBER - M24 0106682 INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	146680		
SERIAL NUMBER	C6349051		
LOG-IN DATE	6-20-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-25-08	RSN
505	RE-BARREL	6-25-08	RSN
420	ASSEMBLE	6-25-08	RSN
440	PROOF	6-25-08	SD
460	CHECK HEADSPACE	6-25-08	SD
470	DIS-ASSEMBLE GUN	6-25-08	RP
480	MAGNAFLUX	7-10-08	BT
510	DRILL AND TAP	7-7-08	TRW
500	ROLLMARK CALIBER	7/9/08	RT
520	GOFF BLAST BBL / REC	7-11-08	DG
530 & 540	APPLY COATINGS	7-15	CV
560	FINAL ASSEMBLY	7-17-08	RT
640	FUNCTION TEST AND	PASS FAIL 7-18-08	TRW
650	TARGET	PASS FAIL 7-18-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7/18/08	RTZ
	A) HEADSPACE	PASS FAIL 7-21-08	RTZ
	B) TRIGGER PULL	286 279 233 253 233 7-21-08	RTZ
680	F) SAFETY ON FORCE	3 3 3 7-21-08	RTZ
	G) SAFETY OFF FORCE	250 250 250 7-21-08	RTZ
	I) FIRING PIN INDENT	023.5 023 023 7-21-08	RTZ
690	PACK	7/23/08	FM

F006 REV 5/2006

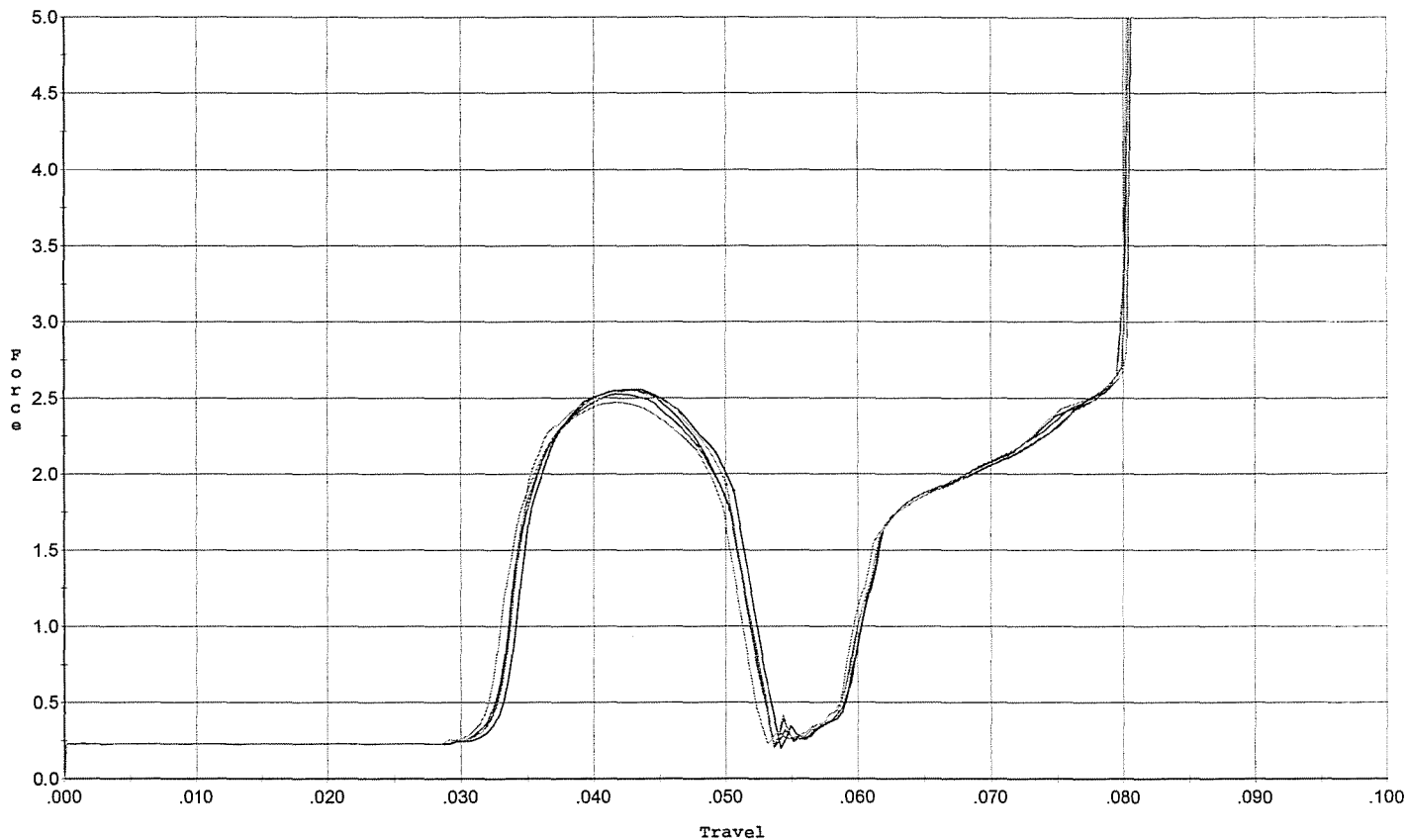
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON

BARBER - M24 0106682 0106721

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/30/08

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



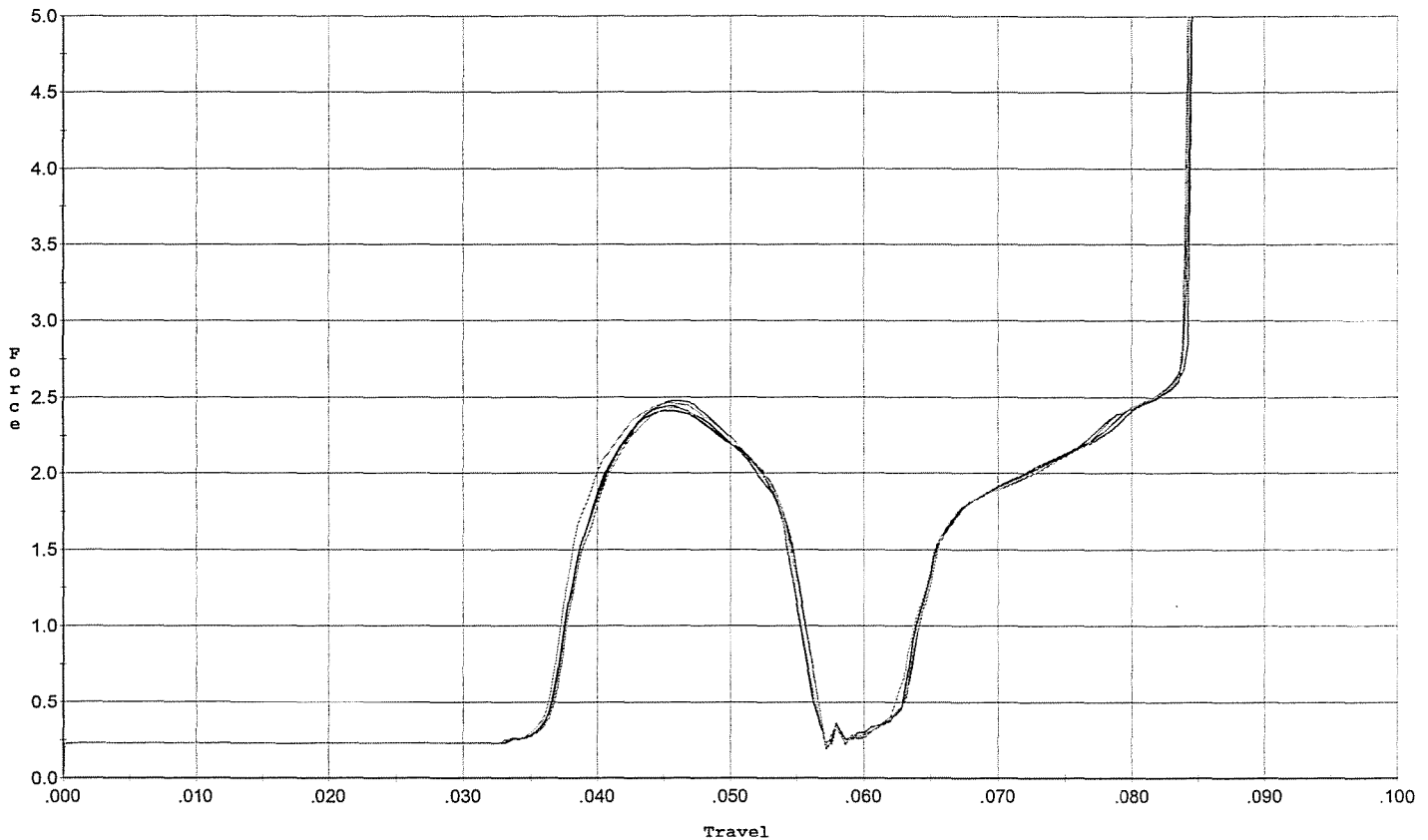
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.555	0.050	0.032	0.035	0.046		Set Trigger
2	2.557	0.051	0.033	0.035	0.047		Set Trigger
3	2.526	0.050	0.032	0.035	0.046		Set Trigger
4	2.550	0.050	0.032	0.035	0.047		Set Trigger
5	2.471	0.050	0.032	0.035	0.045		Set Trigger

Avg 2.53

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



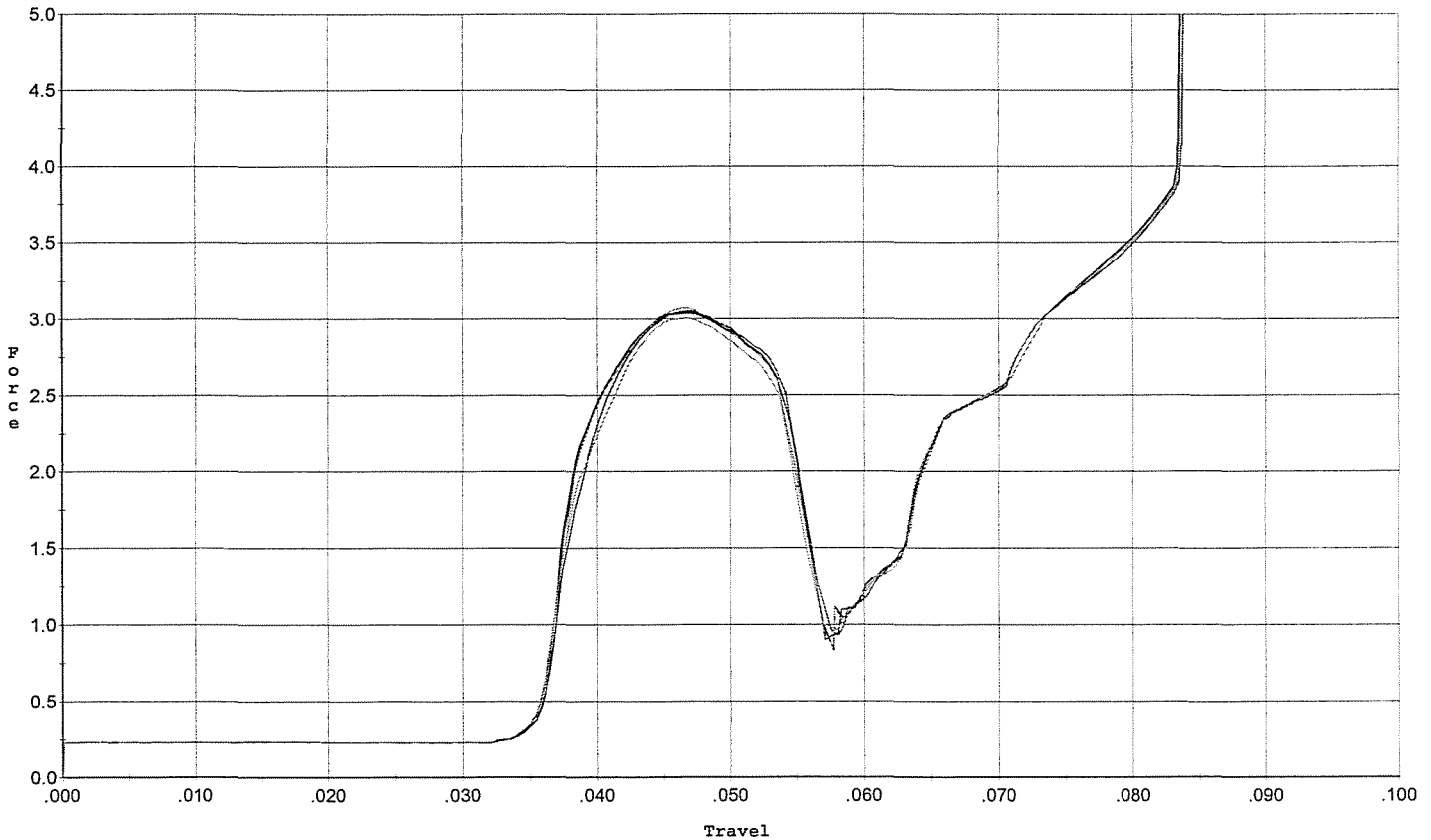
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.443	0.055	0.036	0.036	0.045		Set Trigger
2	2.411	0.054	0.036	0.037	0.044		Set Trigger
3	2.477	0.055	0.037	0.036	0.045		Set Trigger
4	2.461	0.054	0.036	0.037	0.045		Set Trigger
5	2.432	0.055	0.036	0.036	0.045		Set Trigger

Avg 2.44

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/30/08

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



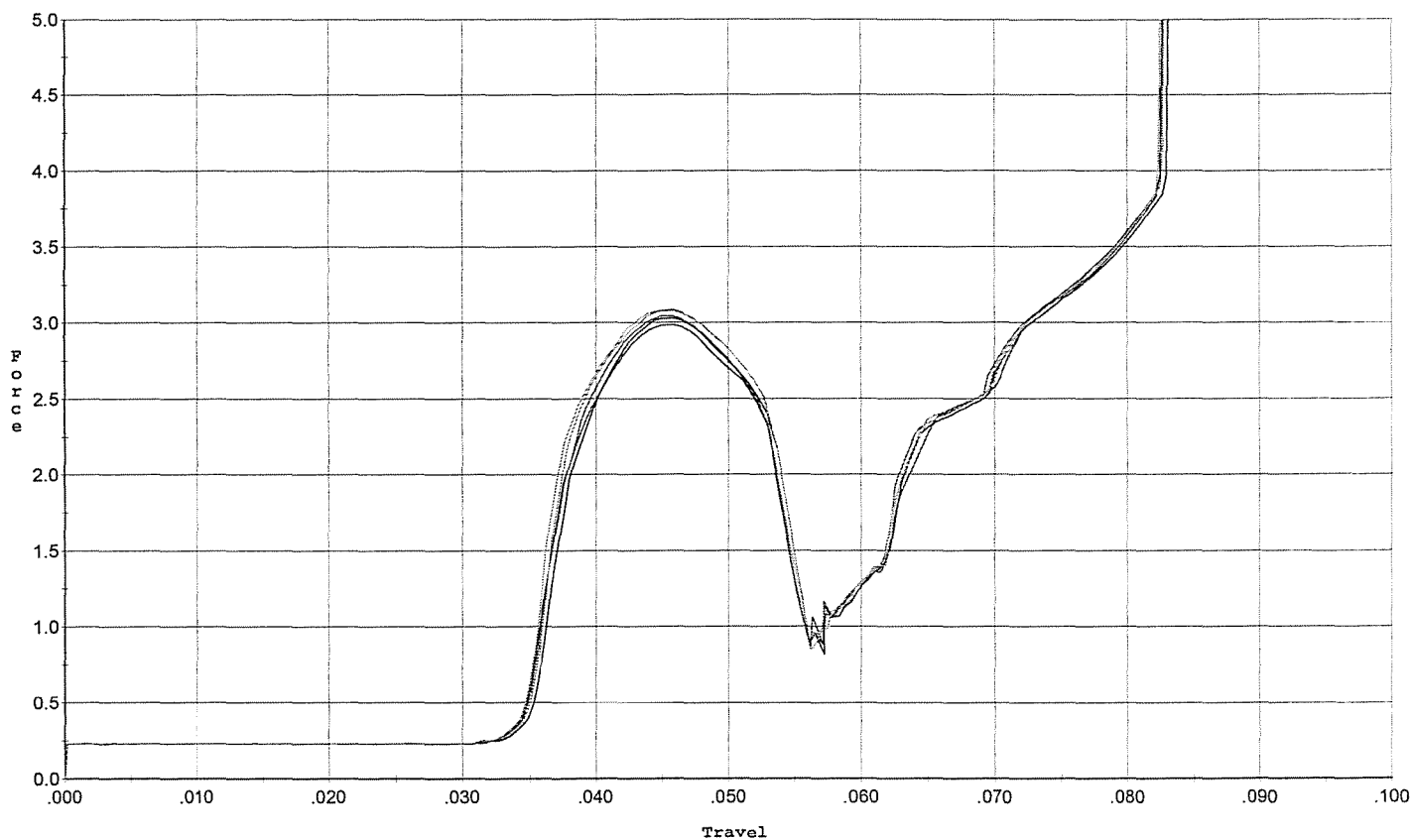
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.040	0.054	0.036	0.035	0.056		Set Trigger
2	3.047	0.055	0.036	0.035	0.058		Set Trigger
3	3.056	0.054	0.036	0.035	0.057		Set Trigger
4	3.003	0.054	0.036	0.035	0.055		Set Trigger
5	3.074	0.055	0.035	0.035	0.058		Set Trigger

Avg 3.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



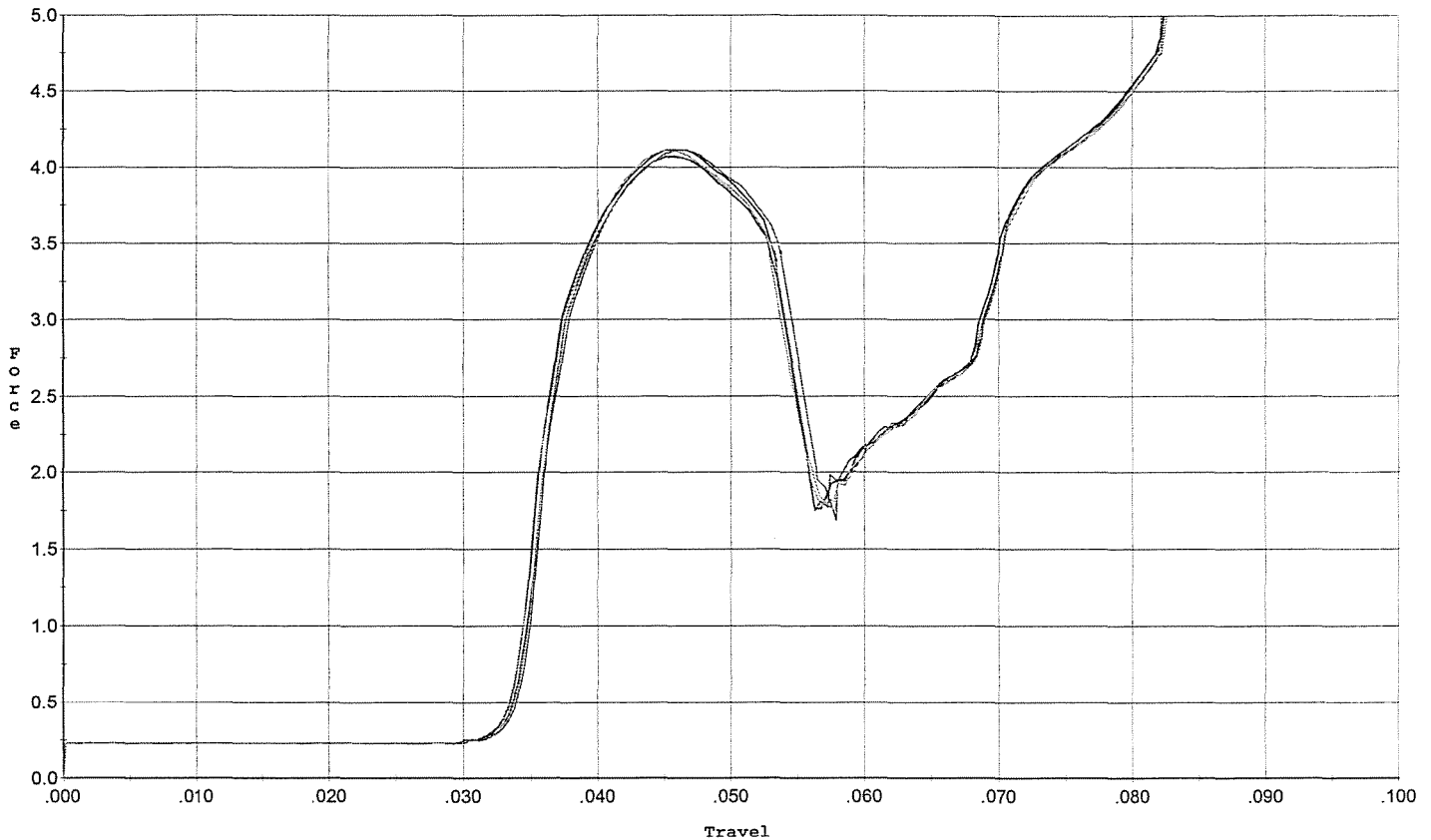
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.982	0.053	0.034	0.035	0.054		Set Trigger
2	3.028	0.054	0.035	0.035	0.055		Set Trigger
3	3.042	0.053	0.035	0.035	0.055		Set Trigger
4	3.089	0.053	0.034	0.035	0.056		Set Trigger
5	3.082	0.054	0.035	0.035	0.057		Set Trigger

Avg 3.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



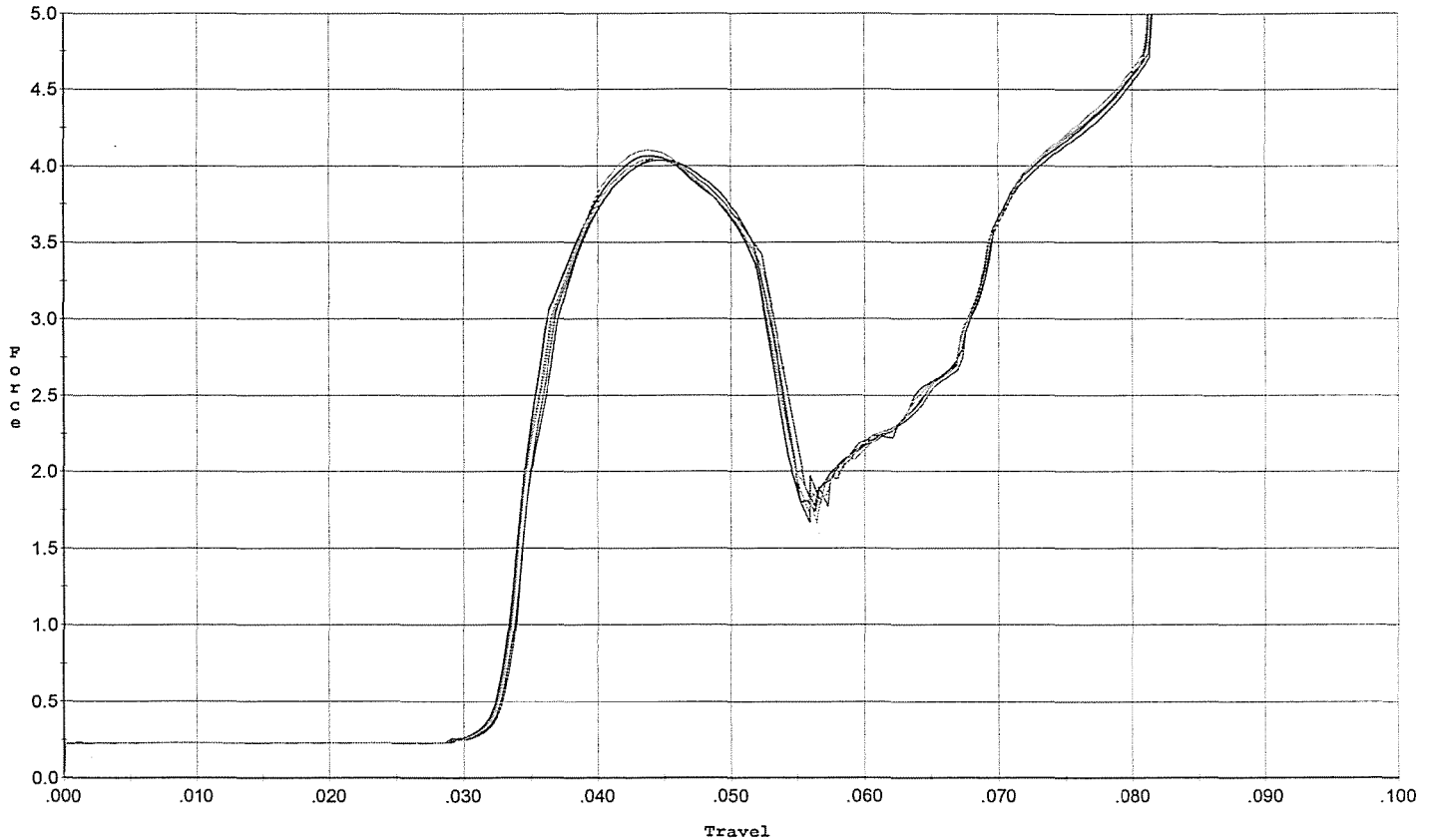
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.069	0.054	0.033	0.033	0.077		Set Trigger
2	4.114	0.053	0.033	0.033	0.078		Set Trigger
3	4.115	0.054	0.034	0.033	0.078		Set Trigger
4	4.077	0.053	0.033	0.033	0.076		Set Trigger
5	4.109	0.053	0.033	0.033	0.076		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



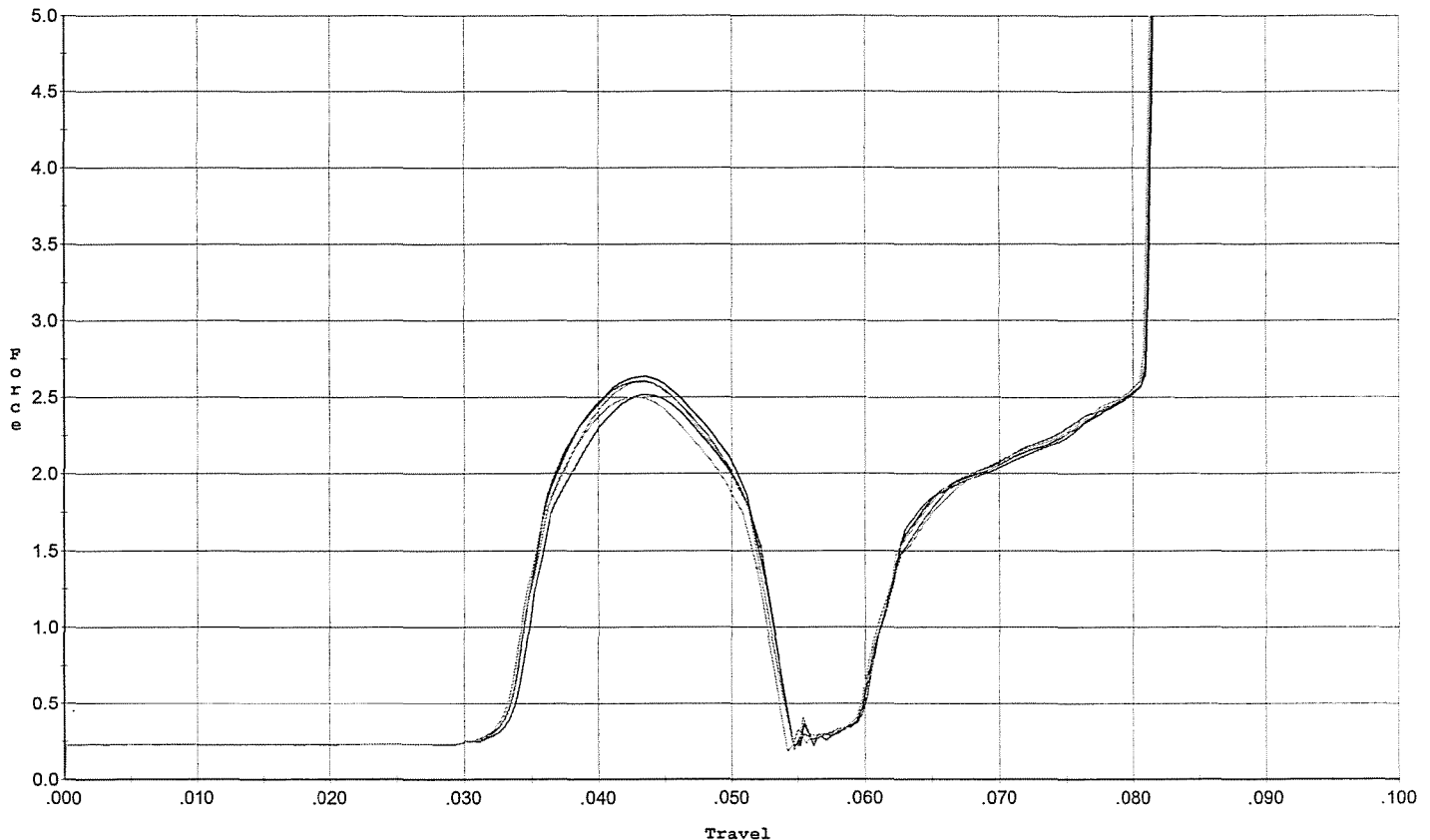
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.051	0.053	0.032	0.033	0.076		Set Trigger
2	4.065	0.052	0.032	0.033	0.075		Set Trigger
3	4.038	0.054	0.032	0.032	0.078		Set Trigger
4	4.053	0.052	0.032	0.033	0.076		Set Trigger
5	4.103	0.052	0.032	0.033	0.075		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



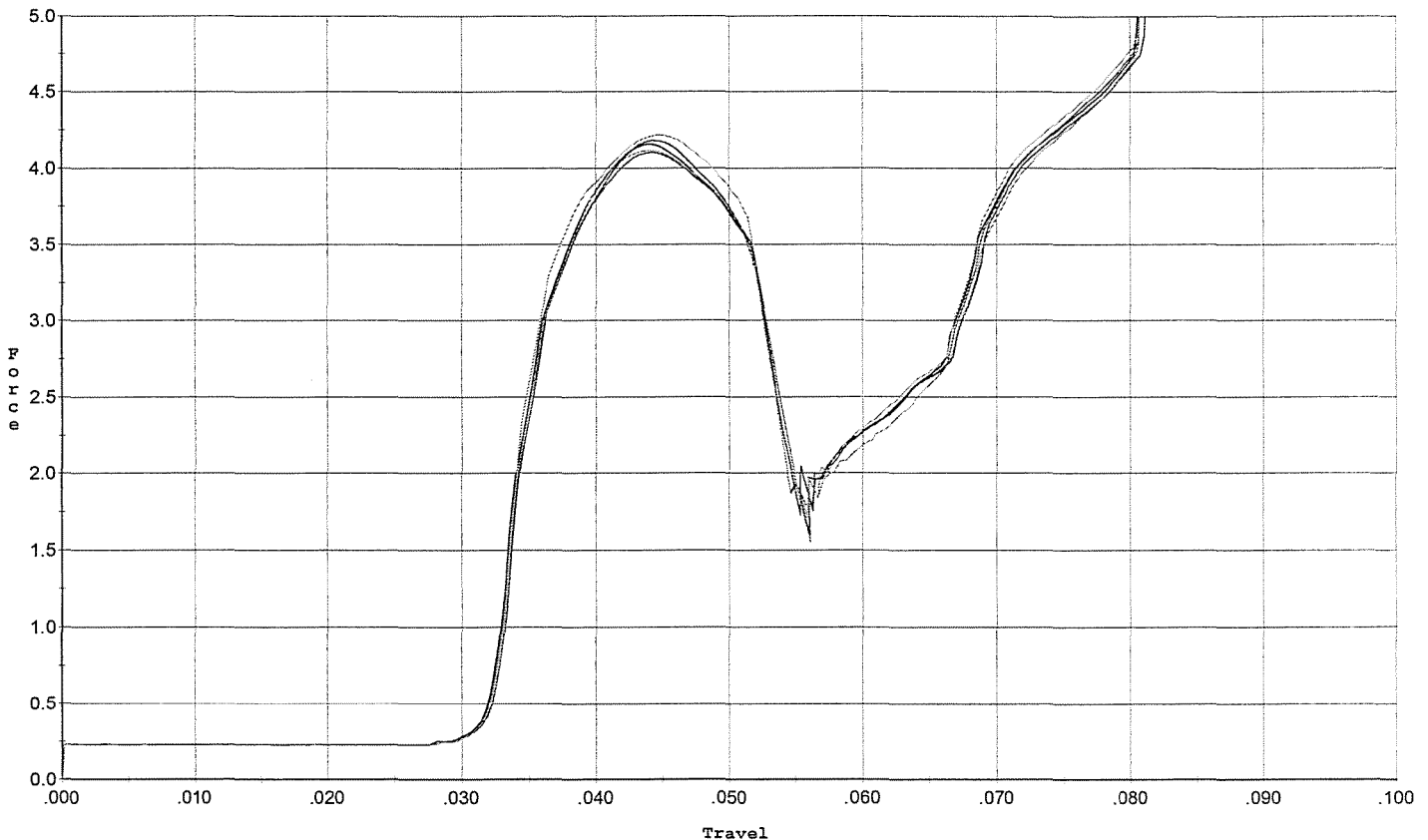
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.516	0.052	0.033	0.035	0.046		Set Trigger
2	2.637	0.053	0.033	0.035	0.049		Set Trigger
3	2.604	0.051	0.033	0.035	0.047		Set Trigger
4	2.501	0.052	0.033	0.035	0.046		Set Trigger
5	2.599	0.051	0.033	0.035	0.046		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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	4.180	0.052	0.032	0.033	0.077		Set Trigger
2	4.157	0.052	0.032	0.032	0.077		Set Trigger
3	4.104	0.052	0.032	0.033	0.076		Set Trigger
4	4.218	0.051	0.032	0.032	0.078		Set Trigger
5	4.114	0.052	0.032	0.032	0.077		Set Trigger

AVG 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349051.__0
FILE DATE AND TIME: 07/18/2008 12:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

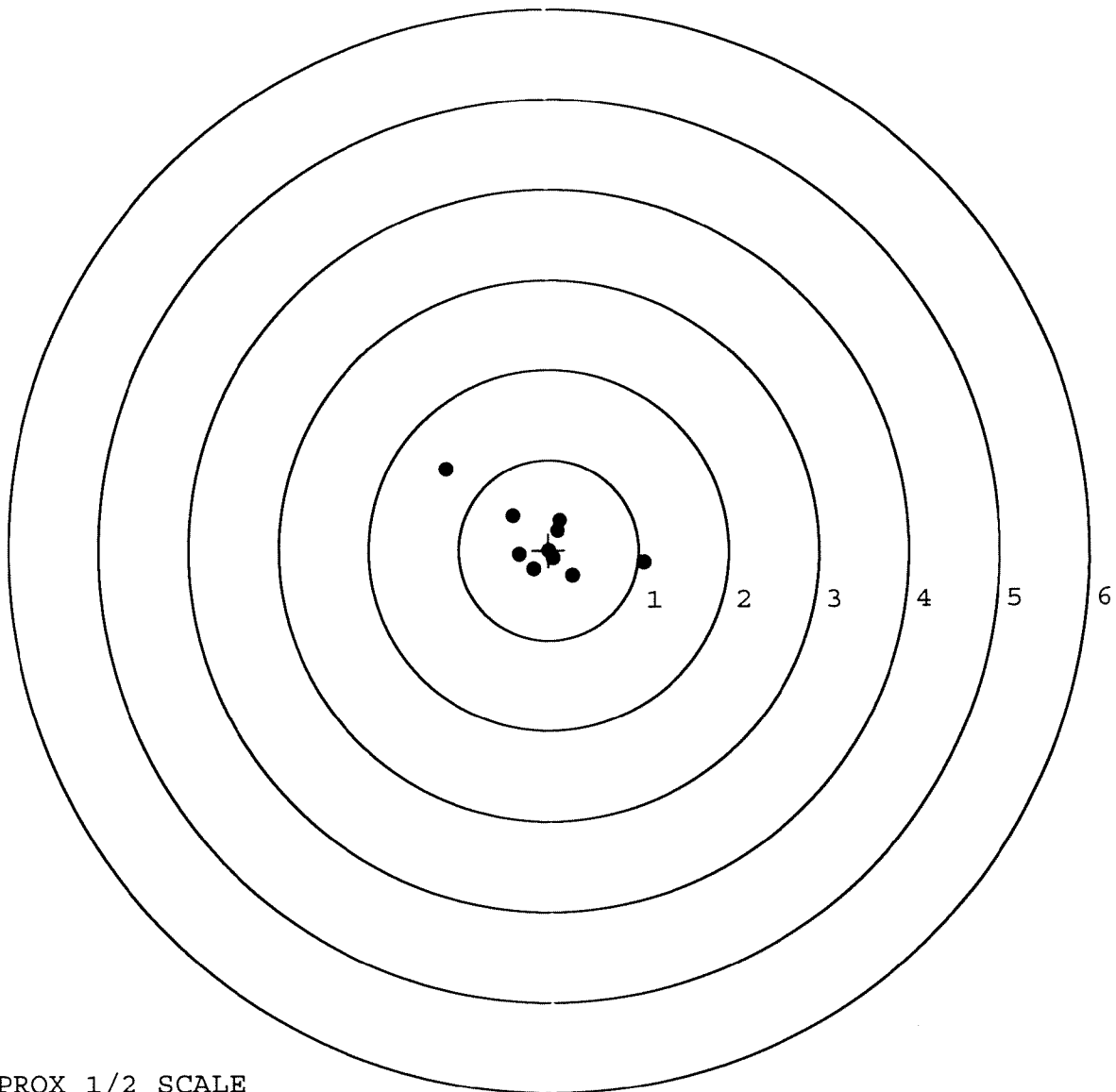
The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.445
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.254
The Distance from Centroid Target #4 to Centroid Target #1:	0.151
The Distance from Centroid Target #5 to Centroid Target #1:	0.130

BARBER - M24 0106692

SERIAL NUMBER: C6349051. __0
TARGET NUMBER: 1
FILE DATE: 07/18/2008
FILE TIME: 12:22

X CENTROID: -0.043
Y CENTROID: 0.105
POA TO CENTROID: 0.114
HORZ SPREAD: 2.192
VERT SPREAD: 1.185
GROUP SPREAD: 2.429
MIN RADIUS: 0.122
MAX RADIUS: 1.355
MEAN RADIUS: 0.491
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.054	-0.144
2:	0.267	-0.282
3:	0.127	0.330
4:	0.106	0.217
5:	0.047	-0.092
6:	-0.172	-0.211
7:	-0.333	-0.051
8:	0.006	-0.007
9:	-0.398	0.386
10:	-1.138	0.903



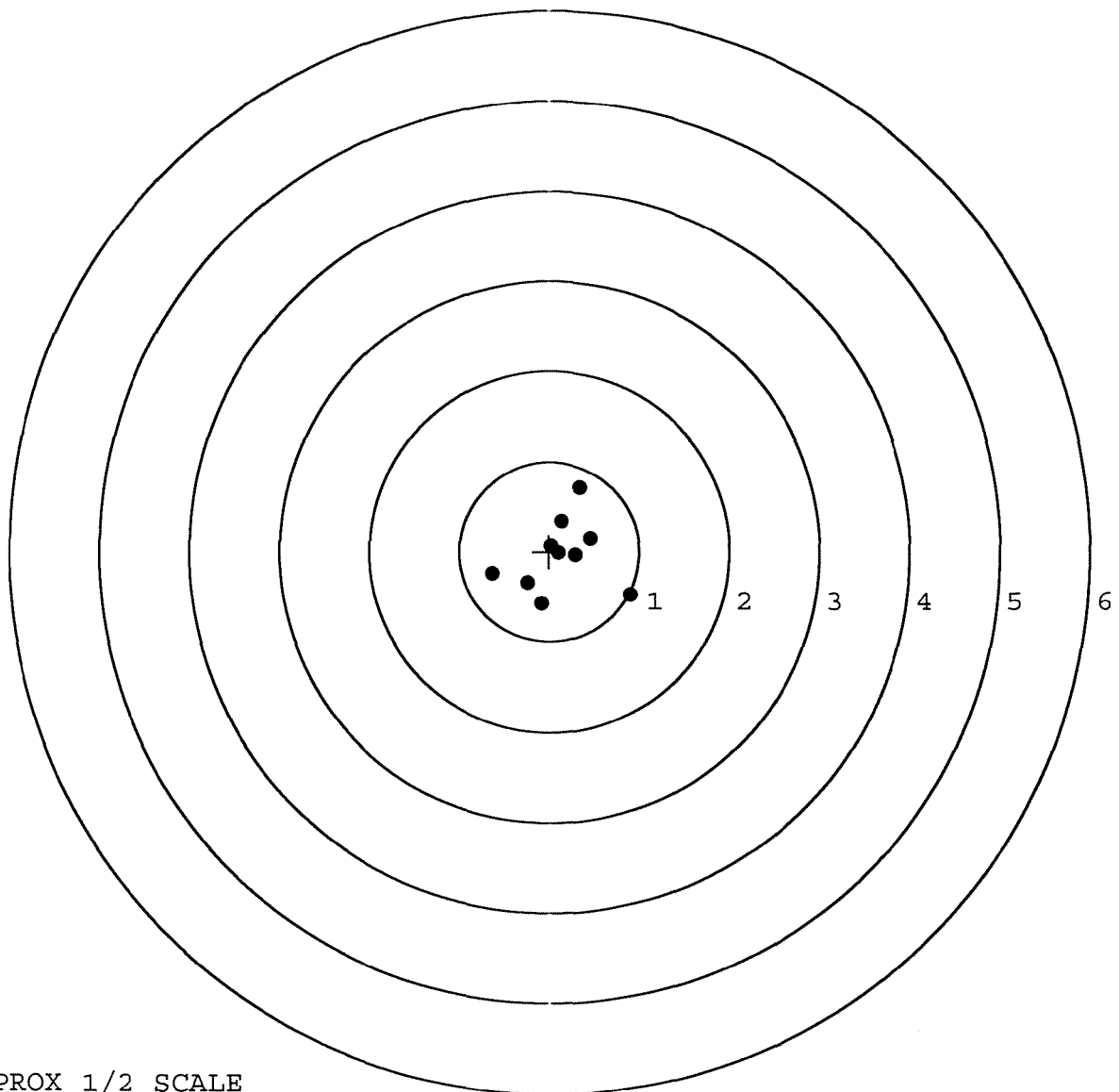
TARGET APPROX 1/2 SCALE

BARBER - M24 0106693

SERIAL NUMBER: C6349051. __0
TARGET NUMBER: 2
FILE DATE: 07/18/2008
FILE TIME: 12:22

POINT#	X	Y
1:	0.902	-0.482
2:	0.345	0.716
3:	0.454	0.148
4:	0.299	-0.036
5:	0.138	0.340
6:	0.022	0.064
7:	-0.093	-0.581
8:	-0.246	-0.348
9:	-0.638	-0.246
10:	0.104	-0.015

X CENTROID: 0.129
Y CENTROID: -0.044
POA TO CENTROID: 0.136
HORZ SPREAD: 1.540
VERT SPREAD: 1.297
GROUP SPREAD: 1.558
MIN RADIUS: 0.038
MAX RADIUS: 0.889
MEAN RADIUS: 0.466
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

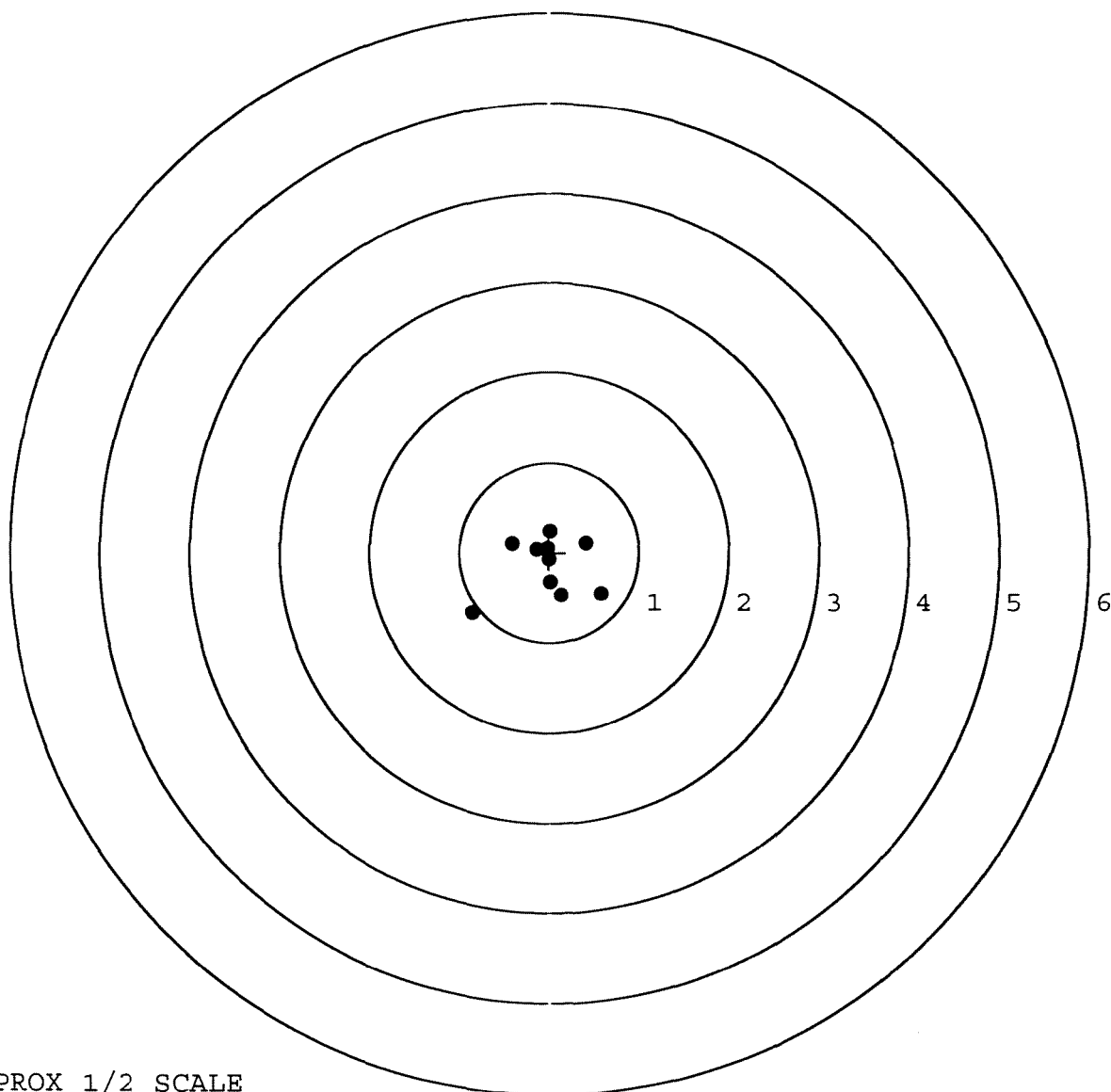
BARBER - M24 0106694

SERIAL NUMBER: C6349051. __0
TARGET NUMBER: 3
FILE DATE: 07/18/2008
FILE TIME: 12:22

X CENTROID: -0.026
Y CENTROID: -0.148
POA TO CENTROID: 0.150
HORZ SPREAD: 1.436
VERT SPREAD: 0.911
GROUP SPREAD: 1.487
MIN RADIUS: 0.075
MAX RADIUS: 0.981
MEAN RADIUS: 0.407

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

POINT#	X	Y
1:	0.582	-0.456
2:	0.139	-0.479
3:	0.014	-0.333
4:	-0.854	-0.673
5:	0.410	0.110
6:	0.004	-0.079
7:	0.016	0.238
8:	-0.138	0.038
9:	-0.415	0.100
10:	-0.014	0.053



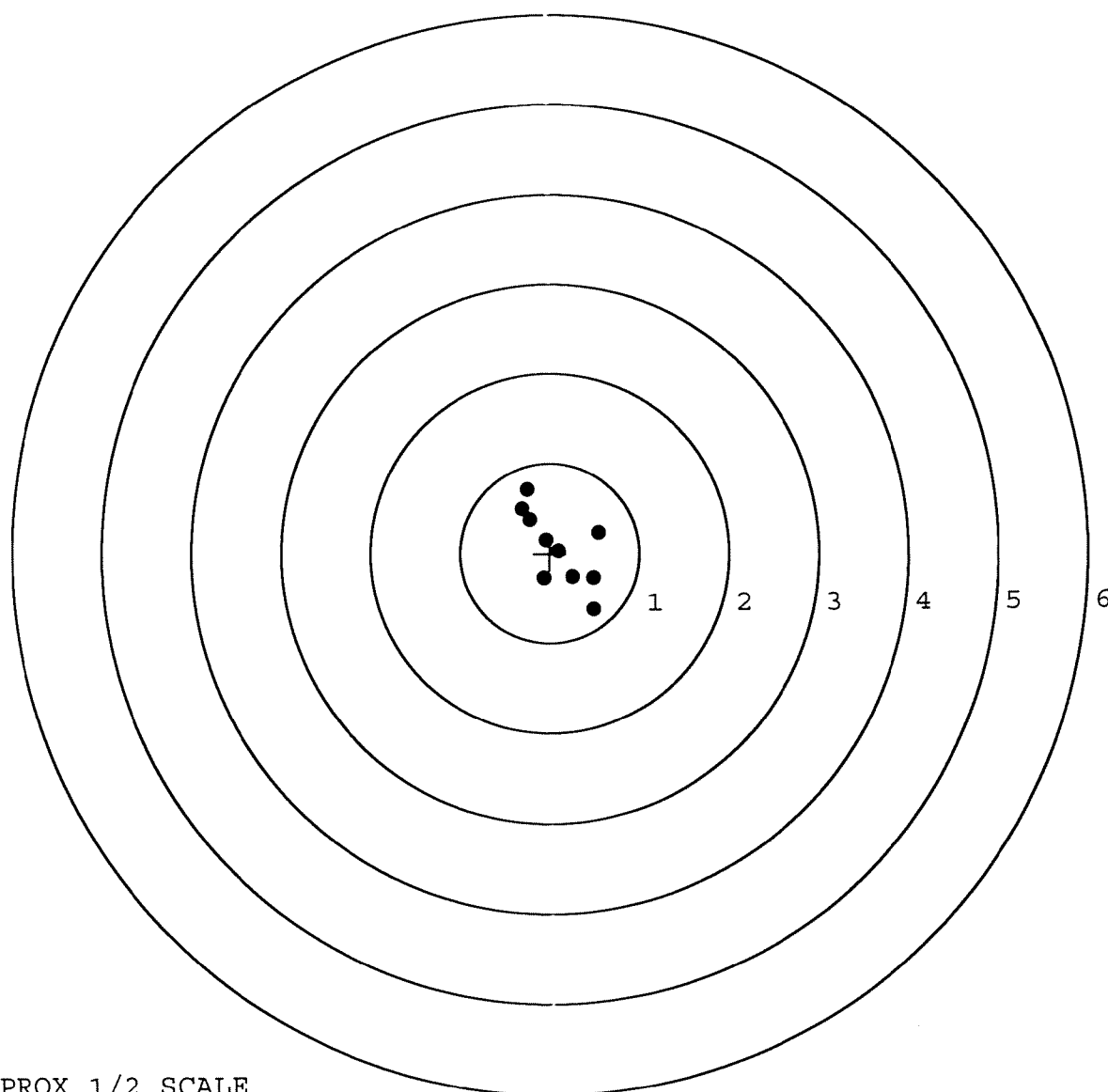
TARGET APPROX 1/2 SCALE

BARBER - M24 0106695

SERIAL NUMBER: C6349051. __0
 TARGET NUMBER: 4
 FILE DATE: 07/18/2008
 FILE TIME: 12:22

X CENTROID: 0.099
 Y CENTROID: 0.054
 POA TO CENTROID: 0.112
 HORZ SPREAD: 0.862
 VERT SPREAD: 1.340
 GROUP SPREAD: 1.528
 MIN RADIUS: 0.027
 MAX RADIUS: 0.787
 MEAN RADIUS: 0.451
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.487	-0.631
2:	0.488	-0.278
3:	0.552	0.229
4:	-0.248	0.709
5:	-0.310	0.497
6:	-0.226	0.375
7:	-0.044	0.152
8:	0.096	0.027
9:	0.259	-0.264
10:	-0.068	-0.278



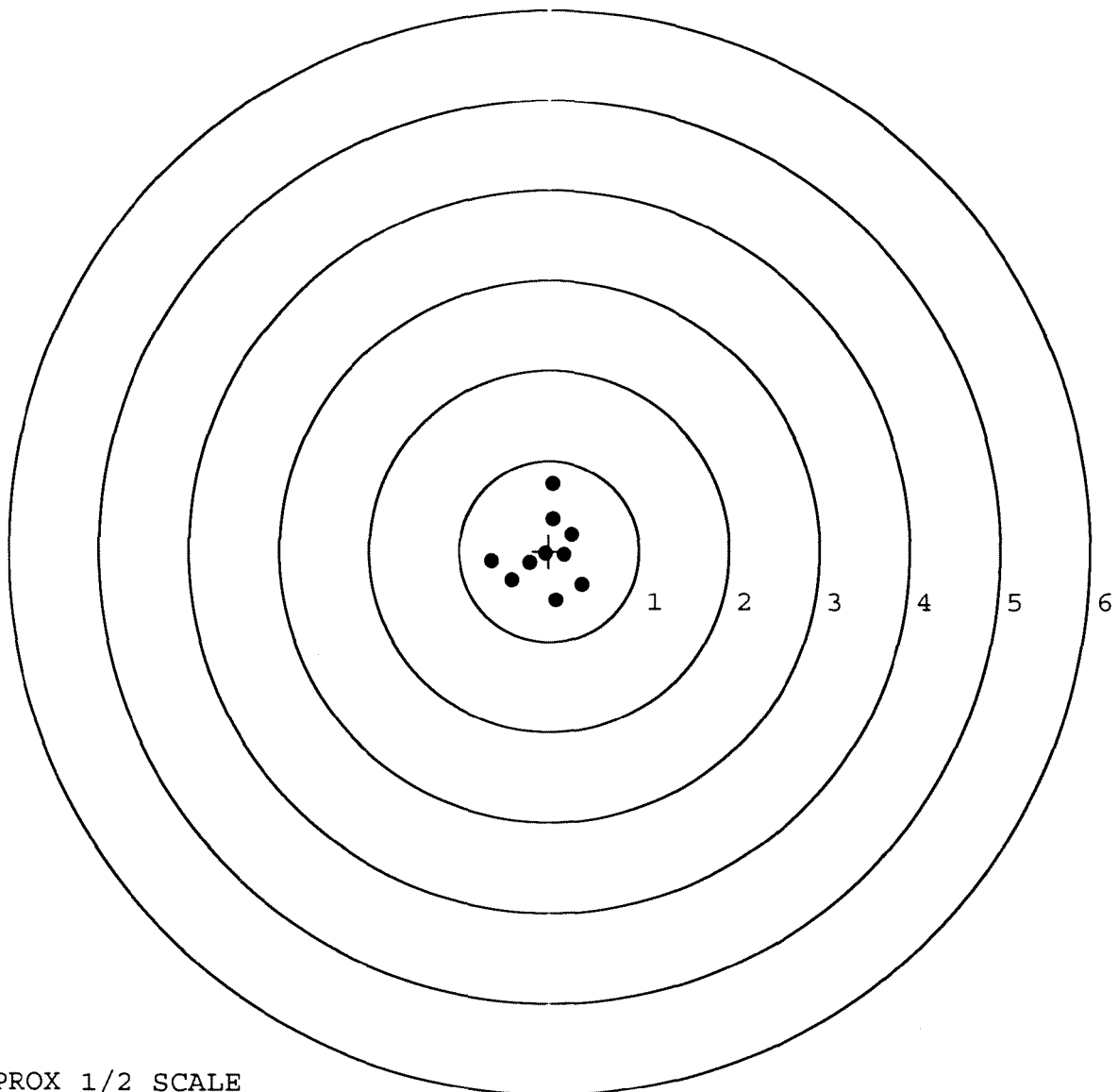
TARGET APPROX 1/2 SCALE

BARBER - M24 0106696

SERIAL NUMBER: C6349051. __0
 TARGET NUMBER: 5
 FILE DATE: 07/18/2008
 FILE TIME: 12:22

X CENTROID: -0.036
 Y CENTROID: -0.025
 POA TO CENTROID: 0.044
 HORZ SPREAD: 1.016
 VERT SPREAD: 1.289
 GROUP SPREAD: 1.290
 MIN RADIUS: 0.009
 MAX RADIUS: 0.774
 MEAN RADIUS: 0.410
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.040	0.745
2:	0.042	0.357
3:	0.253	0.183
4:	0.373	-0.364
5:	0.079	-0.544
6:	0.167	-0.040
7:	-0.045	-0.029
8:	-0.214	-0.130
9:	-0.643	-0.108
10:	-0.417	-0.319



TARGET APPROX 1/2 SCALE

Repair Number: RE00061395	Serial: C6349051 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)	Repairman: _____	Status: _____
Verify Repair			Closed 2/10/2003 12:37:52 PM

Address Information

Customer: _____	Received From: _____
Return To: _____	Received From: _____
Name: FORT WAINWRIGHT	FORT WAINWRIGHT
Address 1: 1ST BATTALION 17TH INFANTRY REGIMENT	1ST BATTALION 17TH INFANTRY REGIMENT
Address 2: 172ND INF BRIG SEPERATE PO Box: _____	172ND INF BRIG SEPERATE PO Box: _____
City: FORT WRAINWRIGHT	FORT WRAINWRIGHT
State: AK Zip Code: 99703 Country: US	State: AK Zip Code: 99703 Country: US

FFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																								
Contact Information Phone: _____ Fax: _____ Email: _____ Comments:	Received Condition Poor Condition Notes: CSR Notes:	Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Code</th> <th style="width: 70%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr><td>A010</td><td>Hard Case</td><td>1</td></tr> <tr><td>A017</td><td>Scope Base</td><td>1</td></tr> <tr><td>A026</td><td>Scope</td><td>1</td></tr> <tr><td>A045</td><td>Bi Pod</td><td>1</td></tr> <tr><td>X</td><td>FRT & REAR SGT BA</td><td>1</td></tr> <tr><td>XX</td><td>DEPLOYMENT CASE</td><td>1</td></tr> <tr><td>XXX</td><td>SCOPE CASE</td><td>1</td></tr> </tbody> </table>			Code	Desc	Qty	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	X	FRT & REAR SGT BA	1	XX	DEPLOYMENT CASE	1	XXX	SCOPE CASE	1
Code	Desc	Qty																										
A010	Hard Case	1																										
A017	Scope Base	1																										
A026	Scope	1																										
A045	Bi Pod	1																										
X	FRT & REAR SGT BA	1																										
XX	DEPLOYMENT CASE	1																										
XXX	SCOPE CASE	1																										

Repair Search
Refresh
Close

Serial Number:

C634905 1

Model: 700



RE00061395

FINAL INSPECTION CHECKLIST M-24 REPAIRS
BARBER - M24 0106898 CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6349051 INSPECTED BY: RTL

DATE REC'D: 2-10-03 DATE RET'D: 3/8/03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349051.___0
FILE DATE AND TIME: 03/09/2003 01:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.012
The Average Y Centroid of the Five Target Set:	0.010
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.687
The Distance from POA to Centroid Target #1:	0.306
The Distance from Centroid Target #2 to Centroid Target #1:	0.502
The Distance from Centroid Target #3 to Centroid Target #1:	0.404
The Distance from Centroid Target #4 to Centroid Target #1:	0.390
The Distance from Centroid Target #5 to Centroid Target #1:	0.322

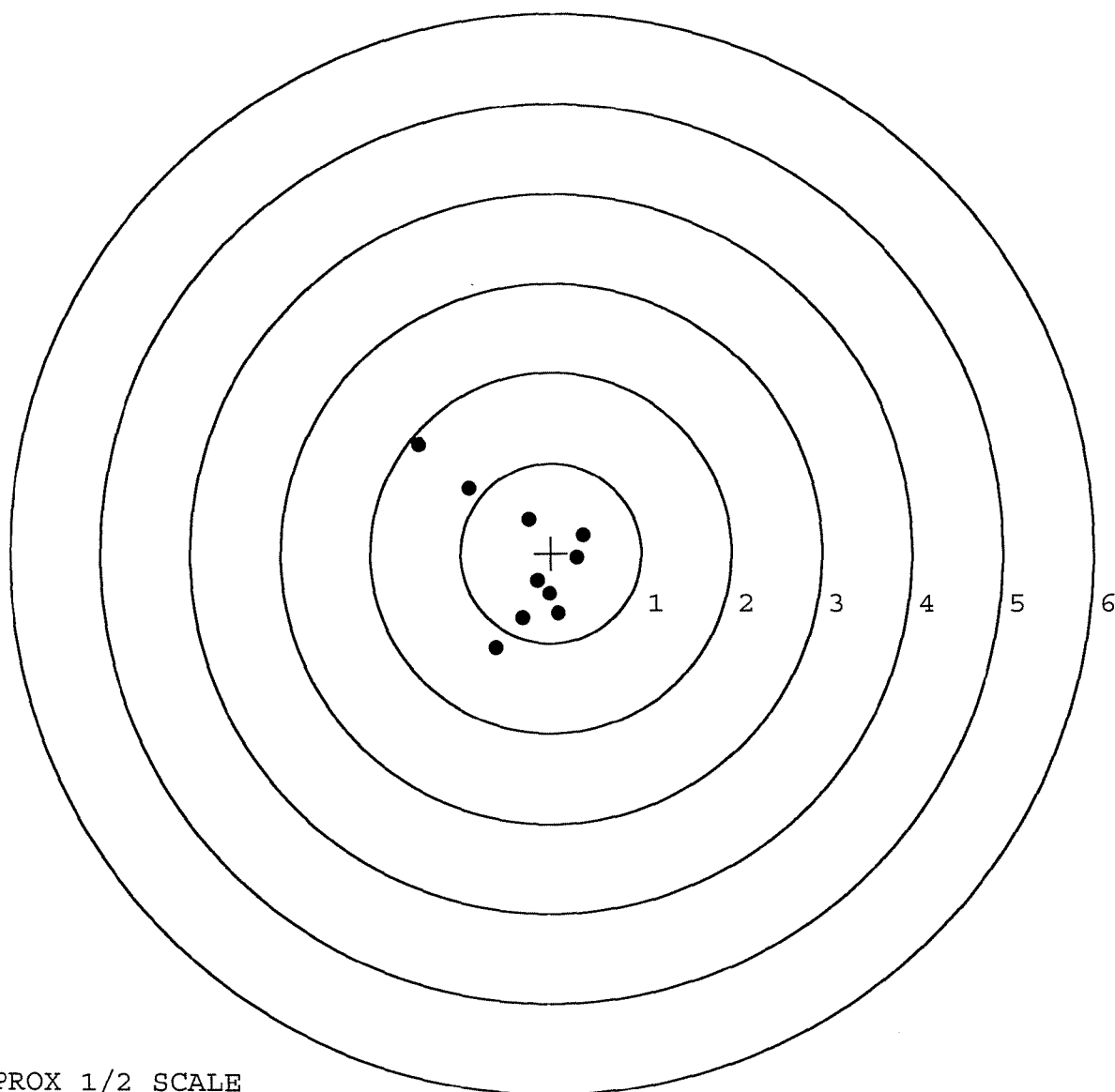
BARBER - M24 0106700

SERIAL NUMBER: C6349051. 0
TARGET NUMBER: 1
FILE DATE: 03/09/2003
FILE TIME: 01:22

POINT#	X	Y
1:	-0.604	-1.063
2:	-0.312	-0.730
3:	0.091	-0.674
4:	-0.016	-0.457
5:	-0.150	-0.314
6:	0.363	0.206
7:	0.296	-0.050
8:	-0.244	0.369
9:	-0.907	0.715
10:	-1.468	1.200

X CENTROID: -0.295
Y CENTROID: -0.080
POA TO CENTROID: 0.306
HORZ SPREAD: 1.831
VERT SPREAD: 2.263
GROUP SPREAD: 2.438
MIN RADIUS: 0.276
MAX RADIUS: 1.736
MEAN RADIUS: 0.763

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



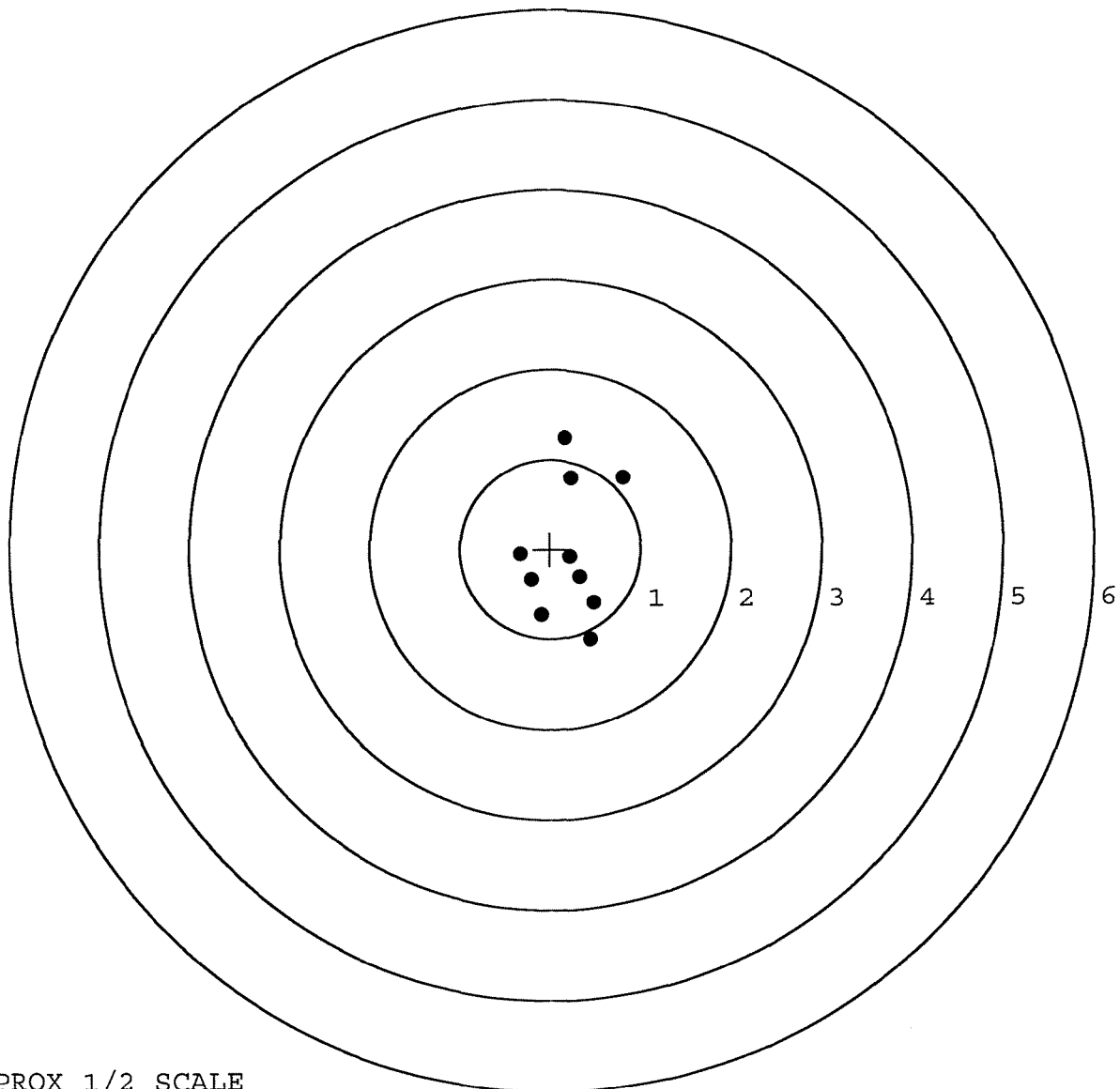
TARGET APPROX 1/2 SCALE

BARBER - M24 0106701

SERIAL NUMBER: C6349051. __0
 TARGET NUMBER: 2
 FILE DATE: 03/09/2003
 FILE TIME: 01:22

X CENTROID: 0.205
 Y CENTROID: -0.032
 POA TO CENTROID: 0.207
 HORZ SPREAD: 1.143
 VERT SPREAD: 2.246
 GROUP SPREAD: 2.263
 MIN RADIUS: 0.063
 MAX RADIUS: 1.267
 MEAN RADIUS: 0.696
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.440	-1.012
2:	0.480	-0.605
3:	-0.105	-0.743
4:	-0.208	-0.340
5:	-0.330	-0.055
6:	0.327	-0.307
7:	0.226	-0.092
8:	0.813	0.798
9:	0.238	0.798
10:	0.166	1.234



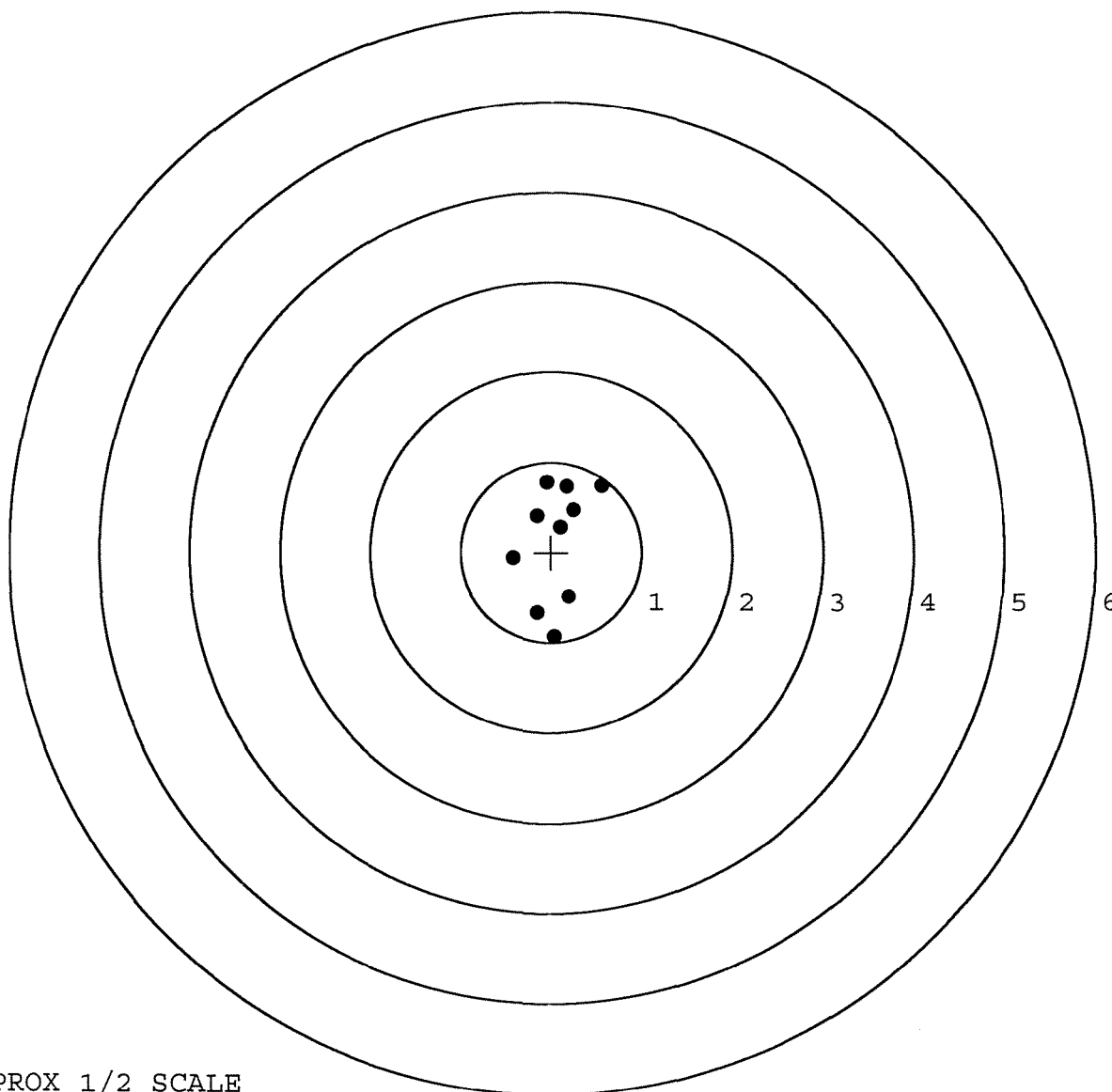
TARGET APPROX 1/2 SCALE

BARBER - M24 0106702

SERIAL NUMBER: C6349051. 0
 TARGET NUMBER: 3
 FILE DATE: 03/09/2003
 FILE TIME: 01:22

X CENTROID: 0.056
 Y CENTROID: 0.120
 POA TO CENTROID: 0.133
 HORZ SPREAD: 0.984
 VERT SPREAD: 1.726
 GROUP SPREAD: 1.759
 MIN RADIUS: 0.165
 MAX RADIUS: 1.067
 MEAN RADIUS: 0.604
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.040	-0.946
2:	-0.150	-0.678
3:	0.203	-0.498
4:	-0.422	-0.067
5:	0.562	0.734
6:	0.103	0.278
7:	0.249	0.468
8:	0.179	0.731
9:	-0.049	0.780
10:	-0.157	0.402



TARGET APPROX 1/2 SCALE

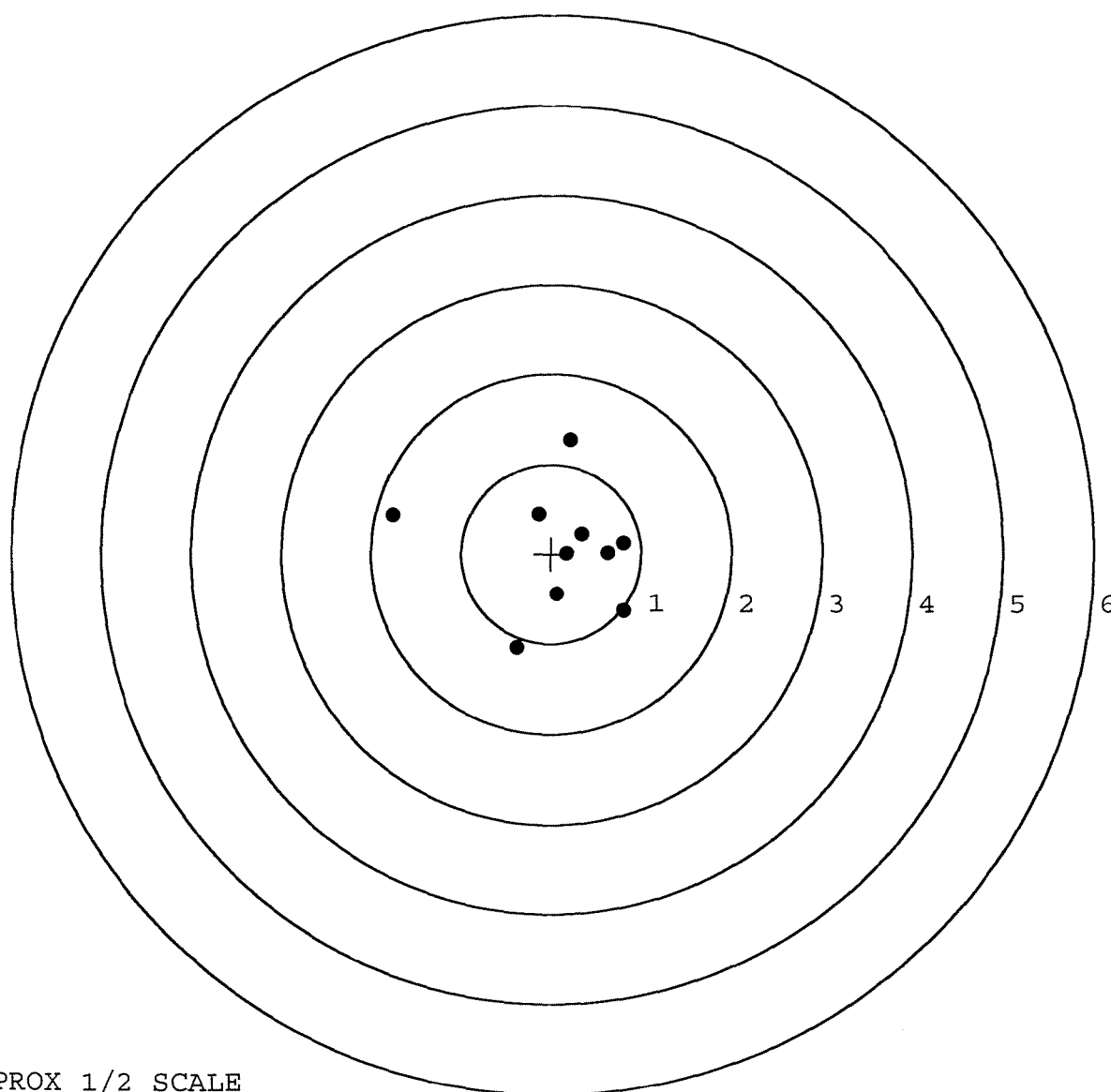
BARBER - M24 0106703

SERIAL NUMBER: C6349051. __ 0
TARGET NUMBER: 4
FILE DATE: 03/09/2003
FILE TIME: 01:22

POINT#	X	Y
1:	0.805	0.122
2:	0.629	0.009
3:	0.810	-0.639
4:	0.069	-0.455
5:	-0.376	-1.047
6:	0.178	-0.006
7:	0.345	0.225
8:	-0.141	0.437
9:	0.218	1.270
10:	-1.757	0.431

X CENTROID: 0.078
Y CENTROID: 0.035
POA TO CENTROID: 0.085
HORZ SPREAD: 2.567
VERT SPREAD: 2.317
GROUP SPREAD: 2.781
MIN RADIUS: 0.108
MAX RADIUS: 1.877
MEAN RADIUS: 0.796

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



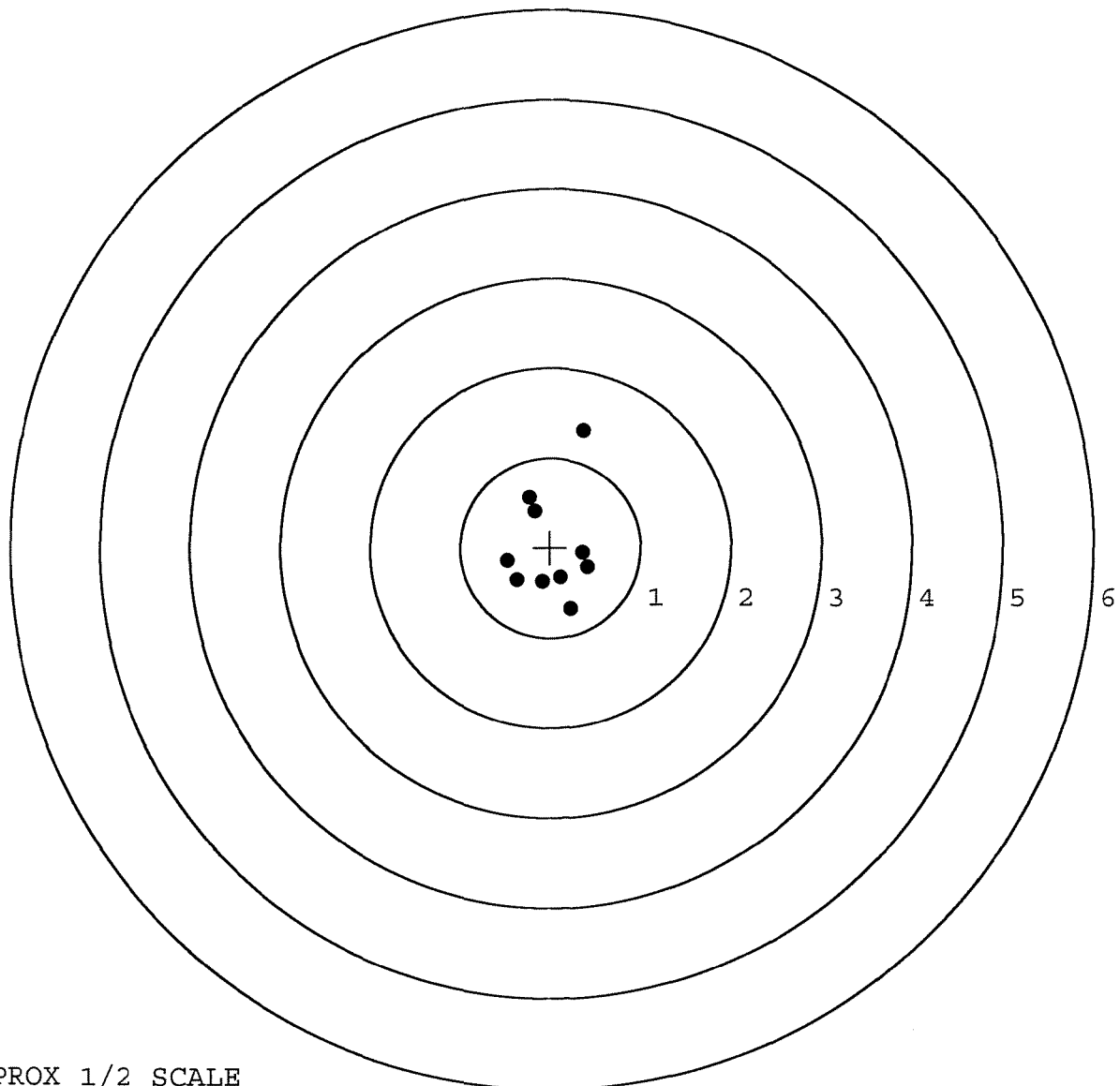
TARGET APPROX 1/2 SCALE

BARBER - M24 0106704

SERIAL NUMBER: C6349051. __0
TARGET NUMBER: 5
FILE DATE: 03/09/2003
FILE TIME: 01:22

X CENTROID: 0.015
Y CENTROID: 0.007
POA TO CENTROID: 0.016
HORZ SPREAD: 0.890
VERT SPREAD: 1.991
GROUP SPREAD: 1.995
MIN RADIUS: 0.356
MAX RADIUS: 1.344
MEAN RADIUS: 0.574
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.360	1.306
2:	-0.235	0.559
3:	-0.175	0.406
4:	0.364	-0.060
5:	0.415	-0.219
6:	0.233	-0.685
7:	0.115	-0.338
8:	-0.089	-0.382
9:	-0.367	-0.361
10:	-0.475	-0.153



TARGET APPROX 1/2 SCALE

R & E NUMBER	61395		
SERIAL NUMBER	C6349051		
LOG-IN DATE	2-9-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-11-03	RW
560 A	RE-BARREL	2-12-03	RTL
B	DRILL AND TAP	2-20-03	TRLW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	AC
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX	2-19-03	JB
615	ROLLMARK CALIBER	2-26-03	JA
618	ROTO-BLAST	3-3	JA
620	APPLY COATINGS	3-7-03	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	RW
655	FINAL INSPECT	3-8-03	RL
660	PACK	3-8-03	JA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVED BARBER - M24 0106706 REPORT

COMMENTS

ORDER

R 96-02012

INITIAL CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE W/BI-POD
W/DEPLOYMENT KIT

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/16/96	01/17/96		C6349051		700 7.62 NATO

ACCESSORIES SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

US ARMY
1/17 INF BDE
FT WAINWRIGHT

AK 99703

US ARMY
1/17 INF BDE
FT WAINWRIGHT

AK
99703

CUST NO: 135899 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	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

ARTS

COMMENTS

Barrel - 96003
Stock - 96018
Mag Box - 96013
Mag follower - 96014
Mag Spring - 15677
Scope Dust Cover Front 96043
" " " Rear 96044
Scope Adjust Dial Dust Cover (3) 96042
Front Sight Assy - 96118
Rear Sight Assy - 96119

Re powder Coat Trigger Guard
Assy. Front & Rear Sight Bases
Re zinc - Scope Base & Swivel
Studs, Scope Rings

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	A	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	1/22/96	2/1/96	2/1	2/1	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0106706

New Barrel
Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349051

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	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		1/31/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/31/96	RW
	C) Inspect Ejector Hole for Chamfer		1/31/96	RW
	D) Oil Firing Pin Ass'y		1/31/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0106708 OP. NAME	READINGS			
625 cont.	F) Safety On Force				
	G) Safety Off Force				
	H) Trigger Pull Test & Retainability				
	I) Firing Pin Indent				
	J) Assemble Stock			1/31/96	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				
	P) Detach & Attach Scope 20 Times				
640	Gallery Target & Test			2/1/96	AC
	A) Time				
	B) Malfunctions				
	C) Pierced Primers				
	D) Optical Clarity of Scope				
645	Inspect for Live Ammo			2/1/96	AC
655	Final Inspection				
	A) Headspace			2/2/96	RW
	B) Trigger Pull				
	C) Function			2/2/96	RW
660	Pack				

Final Inspection

Sn: C6349051

DATE REC'D: 1/17/96

DATE RET'D:

Auditor: RW

Item:

- Barrel Assy.
- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

- Scope Assy.
- ☒ Scope
- ☒ Scope Rings
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

Misc.

- DD-250
- BAR CODE
- PACKAGING

Item:

- Stock Assy.
- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

- Systems Case
- ☒ Scope Case
- ☒ IRON SIGHTS
- ☒ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349051
3 Jan 1988

CENTROIDAL DISTANCES

0 TO	1	1.437
1 TO	2	.505542
1 TO	3	.414043
1 TO	4	.437879
1 TO	5	.301425

+

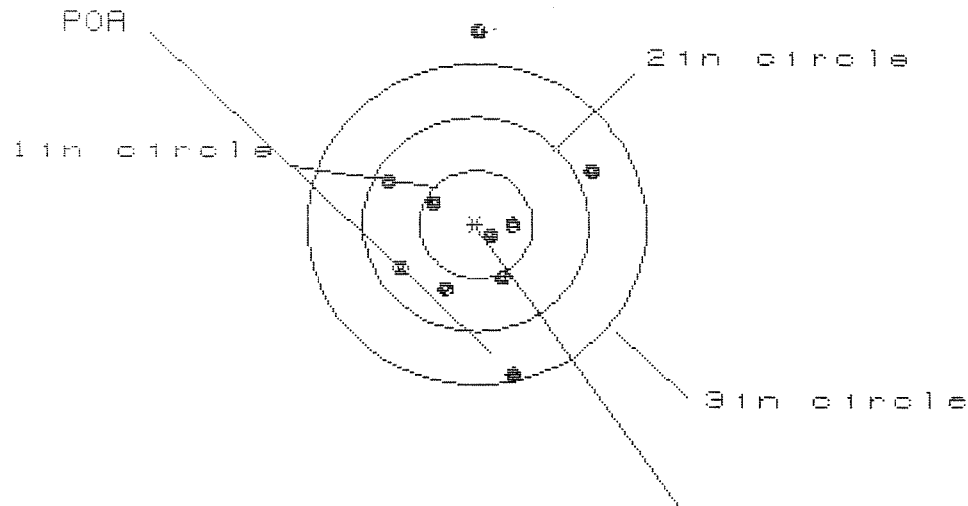
+ <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2658
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.2462
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.27423
THE AMR FOR THIS RIFLE IS: 1.07

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349051

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

CENTROID #

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.812

VS= 3.225

GS= 3.237

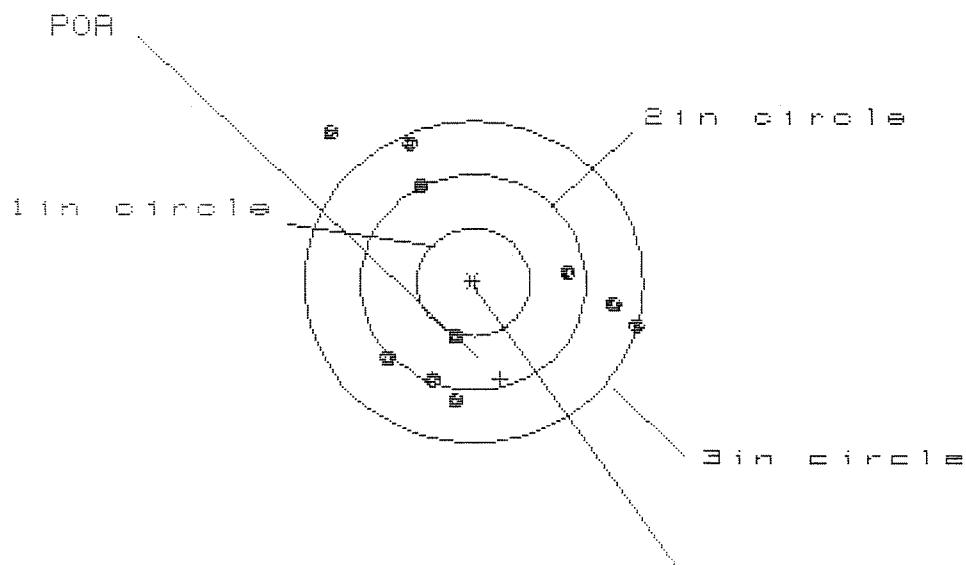
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	1.076	1.116
MINIMUM X	:	-.741	-.736	-.696
MAXIMUM Y	:	1.837	.738	.590
MINIMUM Y	:	-1.388	-1.184	-.560
CENTROID X	:	-.324	-.329	-.369
CENTROID Y	:	1.400	1.196	1.344
POA TO CENTROID in.	:	1.437	1.240	1.394

MIN RADIUS	:	.160	.212	.194
MEAN RADIUS	:	.819	.686	.612
MAX RADIUS	:	1.837	1.304	1.262
HORIZONTAL SPREAD	:	1.812	1.812	1.812
VERTICAL SPREAD	:	3.225	1.922	1.150
EXTREME SPREAD	:	3.237	2.081	1.942
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06349051

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.771

VS= 2.553

GS= 3.332

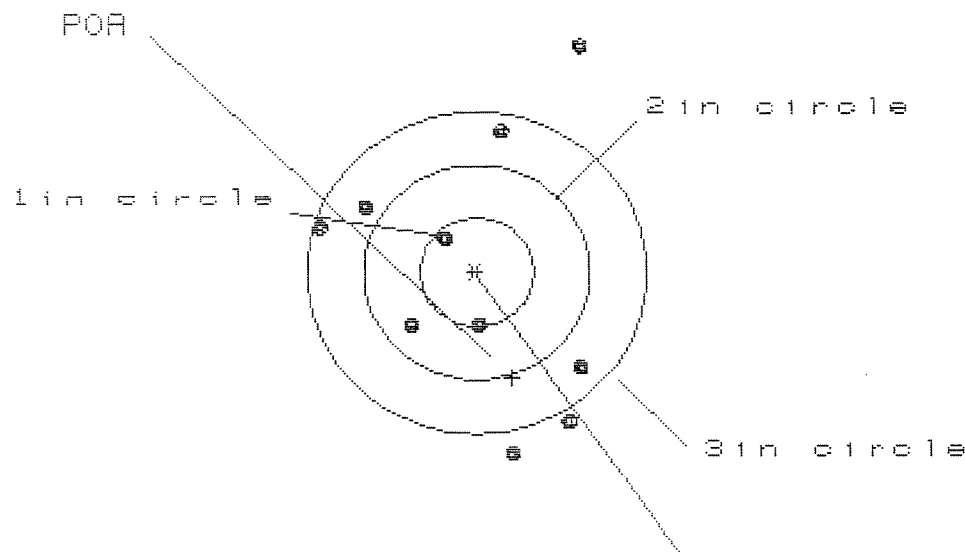
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.482	1.339	1.291
MINIMUM X	:	-1.289	-.870	-.703
MAXIMUM Y	:	1.441	1.417	1.385
MINIMUM Y	:	-1.113	-.952	-.984
CENTROID X	:	-.237	-.094	-.261
CENTROID Y	:	.902	.741	.773
POA TO CENTROID in.	:	.932	.747	.816
MIN RADIUS	:	.568	.488	.438
MEAN RADIUS	:	1.164	1.048	.996
MAX RADIUS	:	1.933	1.593	1.495
HORIZONTAL SPREAD	:	2.771	2.209	1.994
VERTICAL SPREAD	:	2.553	2.369	2.369
EXTREME SPREAD	:	3.332	2.656	2.411
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349051

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 2.293

VS= 3.731

GS= 3.782

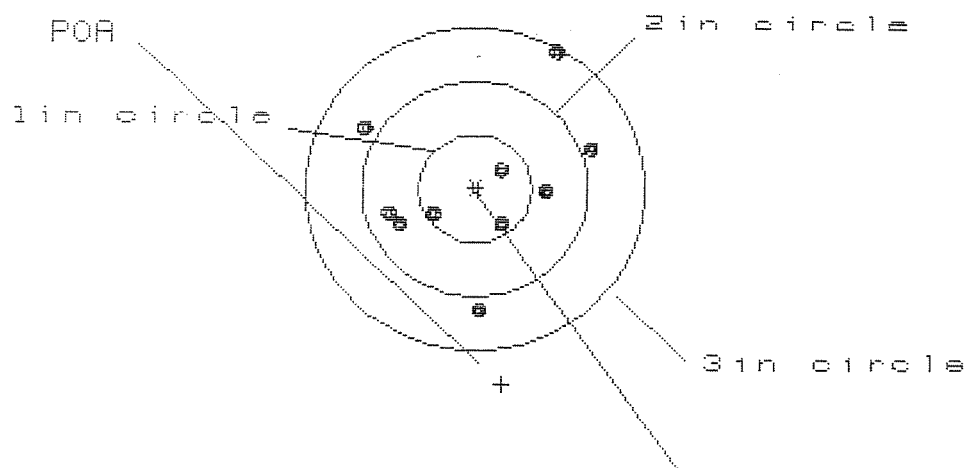
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.944	.977	1.031
MINIMUM X	-1.349	-1.244	-1.190
MAXIMUM Y	2.095	1.593	1.418
MINIMUM Y	-1.636	-1.403	-1.311
CENTROID X	-.318	-.423	-.477
CENTROID Y	.986	.753	.928
POA TO CENTROID in.	1.036	.864	1.044
MIN RADIUS	.429	.225	.408
MEAN RADIUS	1.238	1.079	1.024
MAX RADIUS	2.298	1.618	1.650
HORIZONTAL SPREAD	2.293	2.221	2.221
VERTICAL SPREAD	3.731	2.996	2.729
EXTREME SPREAD	3.782	3.000	2.839
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

2 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349051

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 1.933

VS= 2.347

GS= 2.454

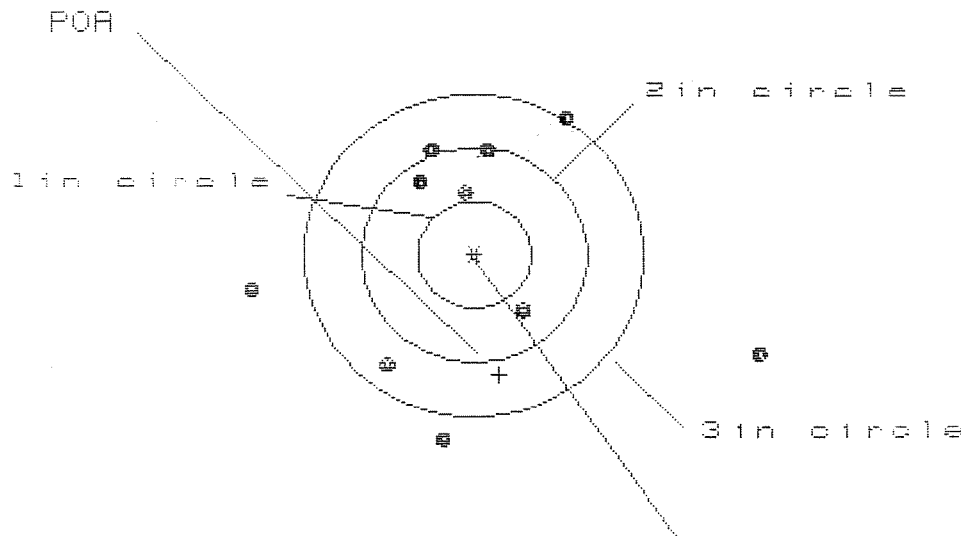
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.993	1.072	1.081
MINIMUM X	:	-.940	-.861	-.852
MAXIMUM Y	:	1.242	.676	.555
MINIMUM Y	:	-1.106	-.968	-.358
CENTROID X	:	-.227	-.306	-.315
CENTROID Y	:	1.827	1.689	1.810
POA TO CENTROID in.	:	1.841	1.716	1.837
MIN RADIUS	:	.235	.282	.320
MEAN RADIUS	:	.803	.715	.685
MAX RADIUS	:	1.430	1.177	1.141
HORIZONTAL SPREAD	:	1.933	1.933	1.933
VERTICAL SPREAD	:	2.347	1.644	.913
EXTREME SPREAD	:	2.454	1.942	1.942
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349051

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 4.486

VS= 2.922

GS= 4.530

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.536	1.099	.889
MINIMUM X	-1.960	-1.678	-.690
MAXIMUM Y	1.238	1.140	1.087
MINIMUM Y	-1.684	-1.782	-1.835
CENTROID X	-.223	-.505	-.295
CENTROID Y	1.116	1.214	1.267
POA TO CENTROID in.	1.138	1.314	1.301
MIN RADIUS	.587	.525	.431
MEAN RADIUS	1.328	1.143	1.038
MAX RADIUS	2.684	1.782	1.848
HORIZONTAL SPREAD	4.496	2.777	1.579
VERTICAL SPREAD	2.922	2.922	2.922
EXTREME SPREAD	4.530	3.188	3.127
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

Remington
REG. U.S. PAT. & TM. OFF.

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

SERIAL NO. C6349051

ORDER NO. 5716

01

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

5716 C6349051

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349051

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	L
607	Check Headspace	1 12	90	E
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1/17/90	CS
617	Drill and Tap Sight Holes		1/19/90	FB
618	Polish Barrel RB		1/22/90	WB
620	Apply Coatings (Barrel Action)		1/20/90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/24/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/90	RW
	C) Inspect Ejector Hole for Chamfer		1/24/90	RW
	D) Oil Firing Pin Ass'y		1/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/1/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-31-90	JM
	G) Safety Off Force	3	3	3			1-31-90	JM
	H) Trigger Pull Test & Retainability						3/14/90	JD
	I) Firing Pin Indent	.020	.020	.020			1-31-90	JM
	J) Assemble Stock						2/28/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						2/28/90	RW
	M) Iron Sight Alignment						2/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						2/28/90	RW
	O) Attach Scope to Rifle						3/11/90	WB
	P) Detach & Attach Scope 20 Times						3/11/90	WB
640	Gallery Target & Test	Reshot AC 3-5-90					3-5-90	J.S. Temp. Help
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.24	2.26	2.33	2.36	2.36	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						20 Mar 90	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6349051DATE 31 Jan 98TESTER JGJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.23	2.50	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.46	2.16	
PULL #3	2.26	2.47	2.32	
PULL #4	2.28	2.38	2.36	
PULL #5	2.34	2.49	2.29	
TOTAL	11.29	12.30	11.48	
AVG.	2.258	2.46	2.296	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.17	3.07	
PULL #2	3.09	3.07	
PULL #3	3.16	2.98	
PULL #4	2.71	2.99	
PULL #5	3.12	3.02	
TOTAL	15.25	15.13	
AVG.	3.05	3.026	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.13		3.93
PULL #2	3.96	3.93		3.94
PULL #3	4.00	4.02		3.87
PULL #4	3.98	3.96		3.89
PULL #5	3.94	4.05		3.89
TOTAL	19.93	20.09		19.52
AVG.	3.986	4.018		3.904

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349051
6 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.232723
1 TO	2	.21422
1 TO	3	.226433
1 TO	4	.297572
1 TO	5	.265398

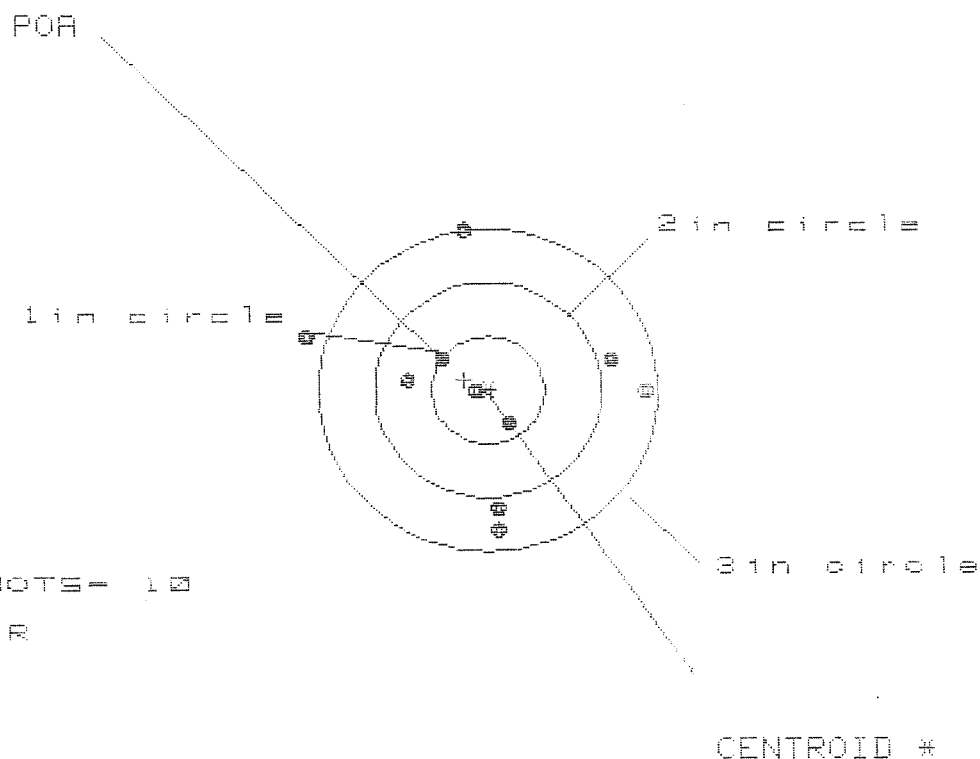
$\bar{x}_2$ <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1954
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0568
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .263488
THE AMR FOR THIS RIFLE IS: .9608

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08345051

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS = 3.042

VS = 2.757

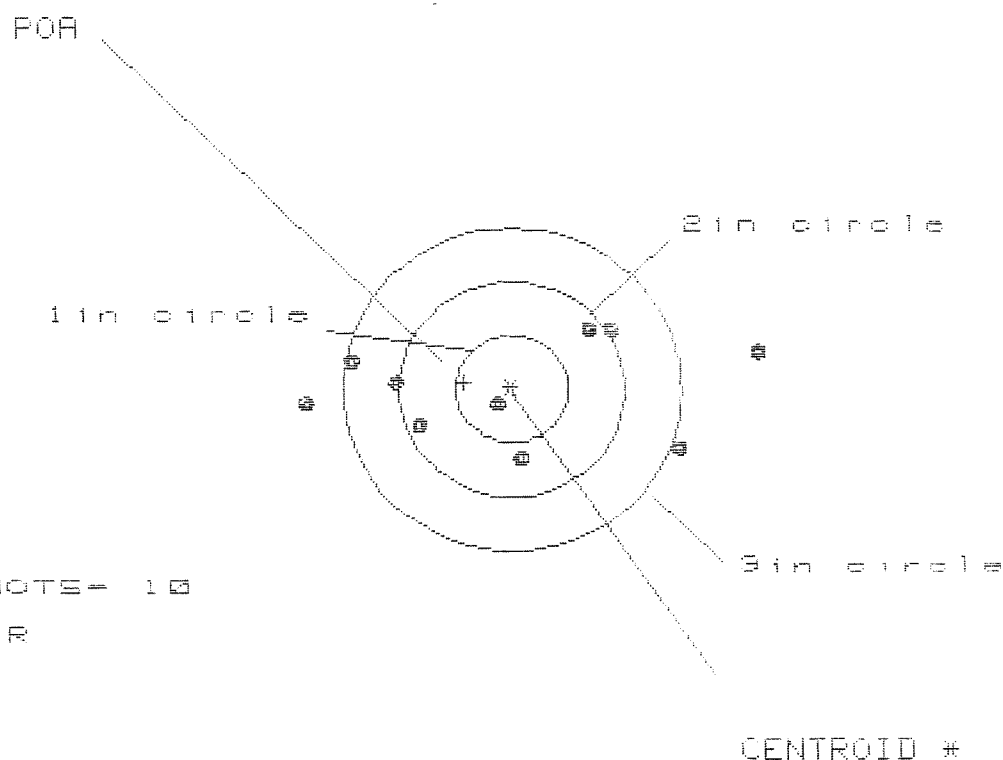
GS = 3.089

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.398	1.216	1.170
MINIMUM X	-1.644	-0.893	-0.939
MAXIMUM Y	1.488	1.548	.538
MINIMUM Y	-1.269	-1.209	-1.015
CENTROID X	.212	.394	.440
CENTROID Y	-.096	-.156	-.350
POA TO CENTROID in.	.232	.424	.562
MIN RADIUS	.078	.234	.035
MEAN RADIUS	.977	.898	.787
MAX RADIUS	1.731	1.591	1.199
HORIZONTAL SPREAD	3.042	2.109	2.109
VERTICAL SPREAD	2.757	2.757	1.553
EXTREME SPREAD	3.089	2.773	2.110
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.920

VS= 1.274

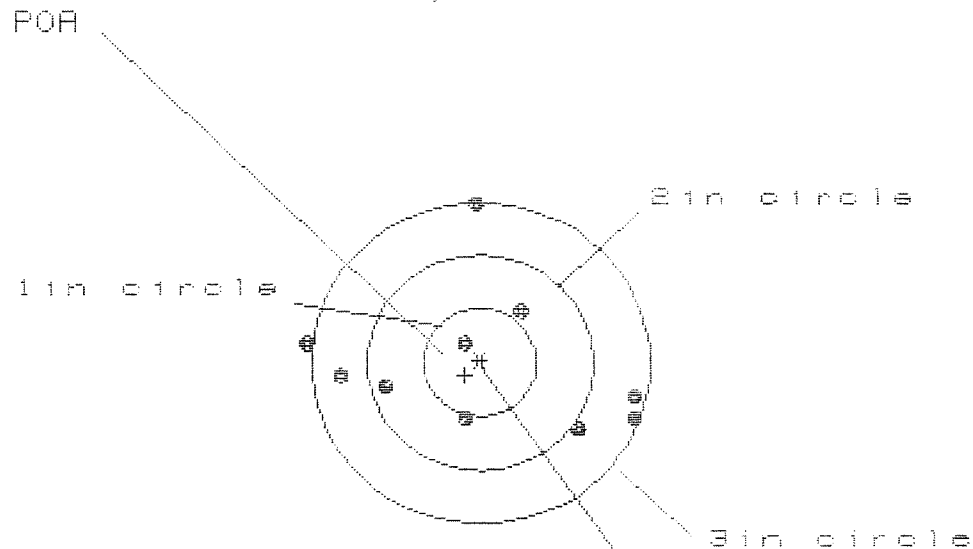
GS= 3.952

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.129	1.699	1.505
MINIMUM X	:	-1.792	-1.555	-1.412
MAXIMUM Y	:	.604	.642	.627
MINIMUM Y	:	-.670	-.632	-.647
CENTROID X	:	.423	.187	.381
CENTROID Y	:	-.059	-.097	-.082
POA TO CENTROID in.	:	.428	.211	.390
MIN RADIUS	:	.200	.110	.152
MEAN RADIUS	:	1.172	1.025	.963
MAX RADIUS	:	2.156	1.772	1.591
HORIZONTAL SPREAD	:	3.920	3.254	2.917
VERTICAL SPREAD	:	1.274	1.274	1.274
EXTREME SPREAD	:	3.952	3.277	3.036
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.892

VS= 2.110

GS= 2.967

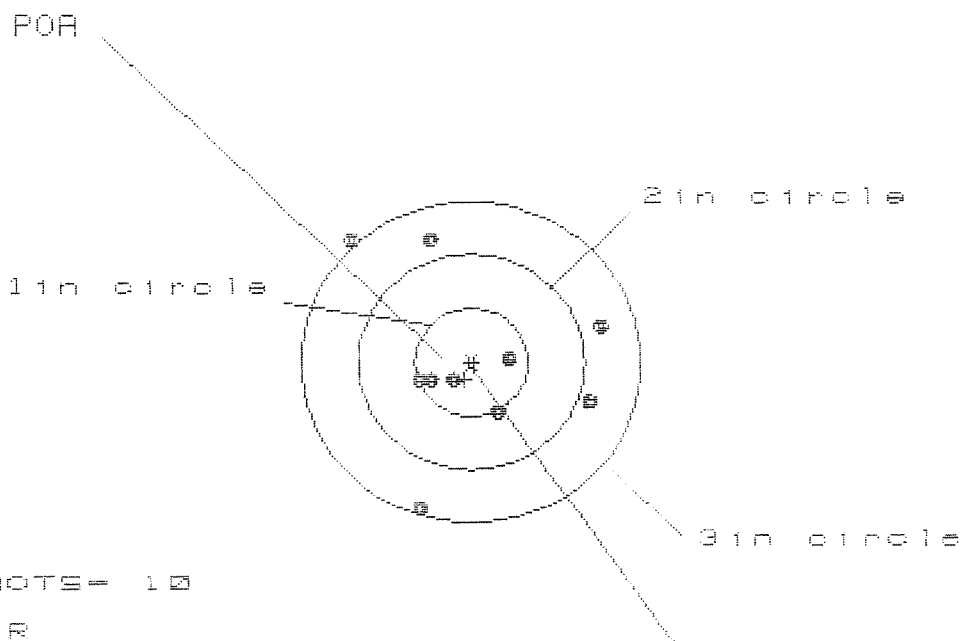
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.345	1.173	1.147
MINIMUM X	:	-1.547	-1.367	-1.393
MAXIMUM Y	:	1.467	1.482	.650
MINIMUM Y	:	-.644	-.628	-.442
CENTROID X	:	.138	.310	.336
CENTROID Y	:	.118	.102	-.004
POA TO CENTROID in.	:	.181	.326	.346
MIN RADIUS	:	.285	.425	.420
MEAN RADIUS	:	1.026	.969	.895
MAX RADIUS	:	1.554	1.497	1.396
HORIZONTAL SPREAD	:	2.892	2.540	2.540
VERTICAL SPREAD	:	2.110	2.110	1.092
EXTREME SPREAD	:	2.967	2.574	2.574
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 2.190

VS= 2.518

GS= 2.587

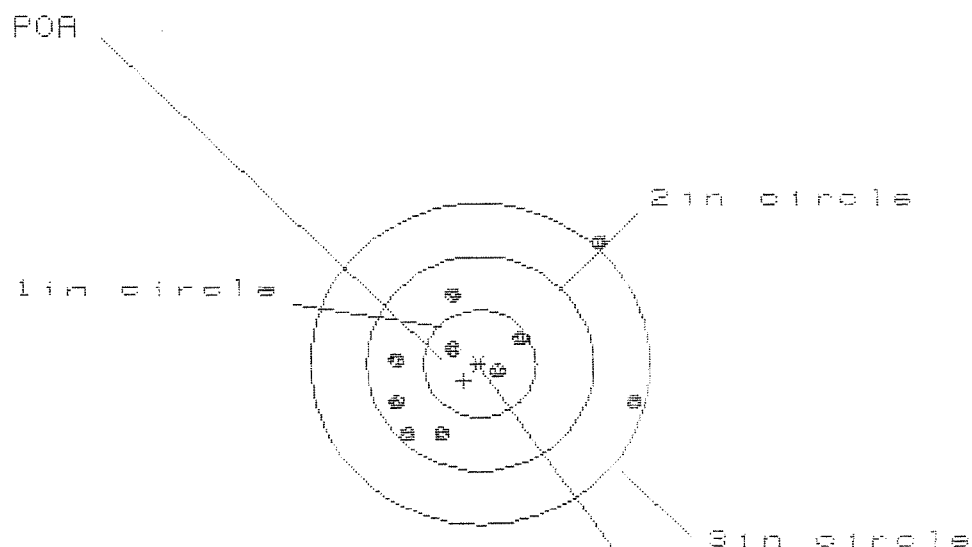
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	1.032	.961
MINIMUM X	:	-1.042	-.578	-.649
MAXIMUM Y	:	1.137	1.217	1.060
MINIMUM Y	:	-1.381	-1.255	-.510
CENTROID X	:	.062	.177	.248
CENTROID Y	:	.161	.035	.192
POA TO CENTROID in.	:	.172	.181	.313
MIN RADIUS	:	.174	.232	.160
MEAN RADIUS	:	.837	.746	.677
MAX RADIUS	:	1.543	1.376	1.204
HORIZONTAL SPREAD	:	2.190	1.610	1.610
VERTICAL SPREAD	:	2.518	2.472	1.570
EXTREME SPREAD	:	2.587	2.473	2.028
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 9

HS = 2.138

VS = 1.858

GS = 2.508

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.482
MINIMUM X	-.736
MAXIMUM Y	1.147
MINIMUM Y	-.704
CENTROID X	.142
CENTROID Y	.160
FOR TO CENTROID in.	.214
MIN RADIUS	.182
MEAN RADIUS	.792
MAX RADIUS	1.546
HORIZONTAL SPREAD	2.138
VERTICAL SPREAD	1.858
EXTREME SPREAD	2.508
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	9