

C6523526

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00102784**Serial: C6523526 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 10/26/2005 8:46:01 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To

☐ Received FromName: **PR W7LZ CAMP SHELBY DET 57**Name: **PR W7LZ CAMP SHELBY DET 57**Address 1: **OEF TRAINING BDE ROTATION**Address 1: **OEF TRAINING BDE ROTATION**Address 2: **BLDG 6520 WAREHOUSE AVE**

PO Box:

Address 2: **BLDG 6520 WAREHOUSE AVE**

PO Box:

City: **CAMP SHELBY**City: **CAMP SHELBY**State: **MS**Zip Code: **39407**Country: **US**State: **MS**Zip Code: **39407**Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **601 558 4593**

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A028	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search

Refresh

Close

naglatj

10/26/2005

9:50 AM

CAPS

NUM

INS

SCPL

start

2

2

3

All 163

Serial Number: **C6523526**Model: **M24 SWS****RE00102784**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523526.___0

FILE DATE AND TIME: 12/01/2005 15:18

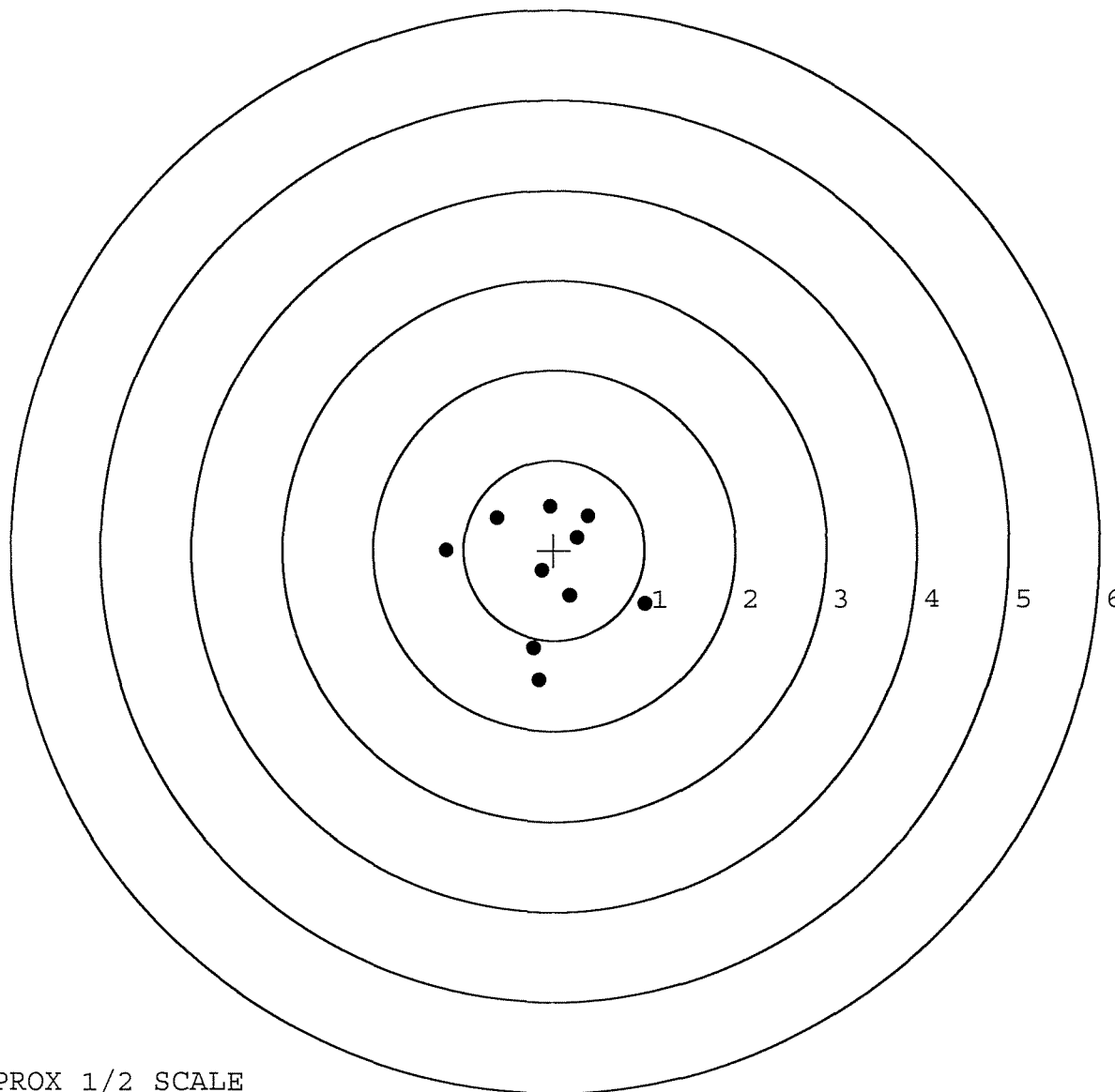
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.154
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.258
The Distance from Centroid Target #2 to Centroid Target #1:	0.238
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.046
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

SERIAL NUMBER: C6523526.____0
 TARGET NUMBER: 1
 FILE DATE: 12/01/2005
 FILE TIME: 15:18

X CENTROID: -0.061
 Y CENTROID: -0.251
 POA TO CENTROID: 0.258
 HORZ SPREAD: 2.192
 VERT SPREAD: 1.931
 GROUP SPREAD: 1.935
 MIN RADIUS: 0.081
 MAX RADIUS: 1.196
 MEAN RADIUS: 0.762
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.003	-0.601
2:	-0.172	-1.441
3:	-0.231	-1.091
4:	0.177	-0.513
5:	-0.139	-0.228
6:	0.258	0.144
7:	0.373	0.386
8:	-0.048	0.490
9:	-0.640	0.356
10:	-1.189	-0.008

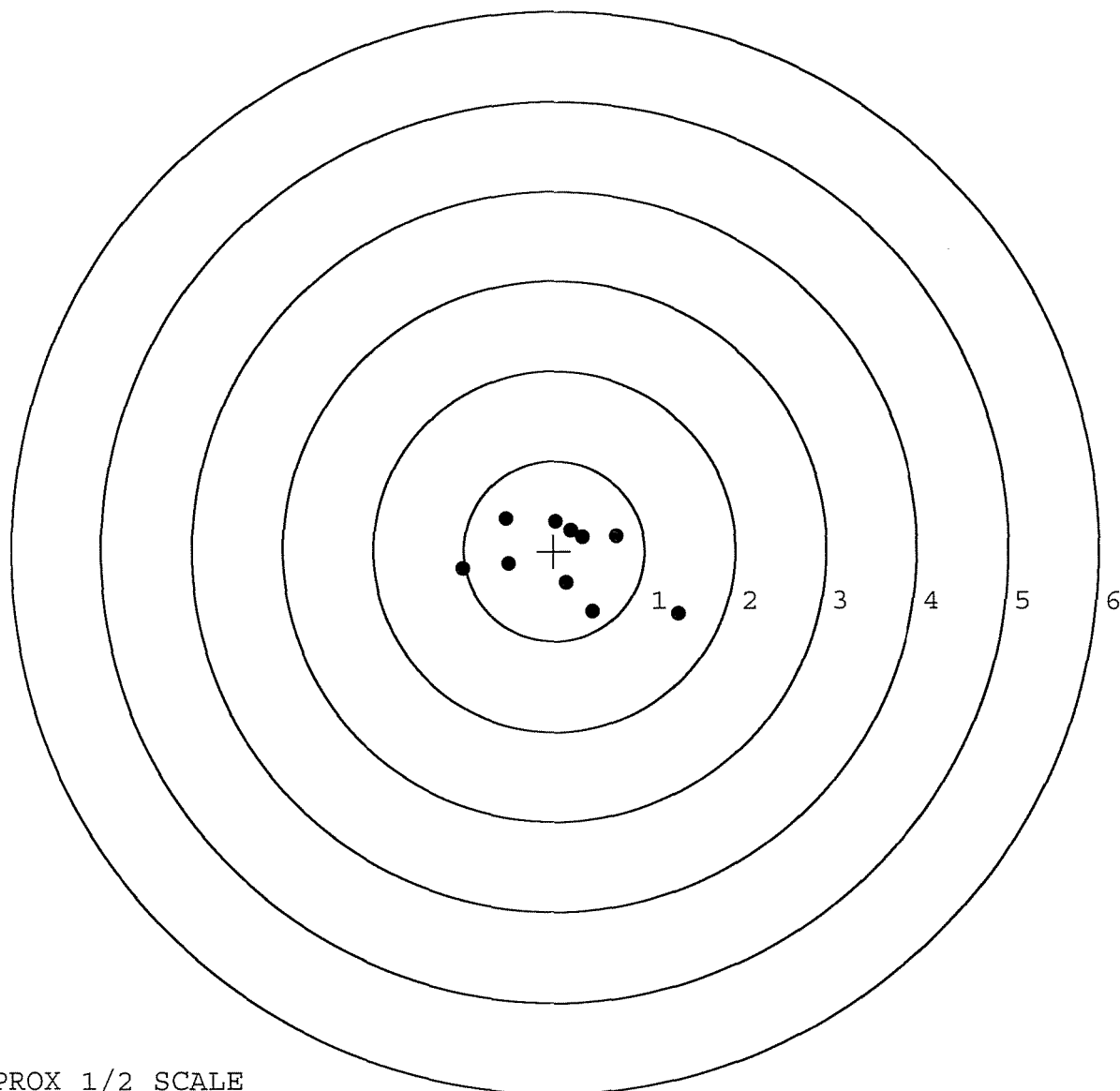


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. 0
 TARGET NUMBER: 2
 FILE DATE: 12/01/2005
 FILE TIME: 15:18

X CENTROID: 0.110
 Y CENTROID: -0.085
 POA TO CENTROID: 0.139
 HORZ SPREAD: 2.390
 VERT SPREAD: 1.052
 GROUP SPREAD: 2.440
 MIN RADIUS: 0.275
 MAX RADIUS: 1.407
 MEAN RADIUS: 0.658
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.377	-0.696
2:	0.429	-0.676
3:	0.138	-0.359
4:	0.693	0.172
5:	0.315	0.155
6:	0.016	0.328
7:	-0.538	0.356
8:	-0.505	-0.150
9:	-1.013	-0.207
10:	0.188	0.227

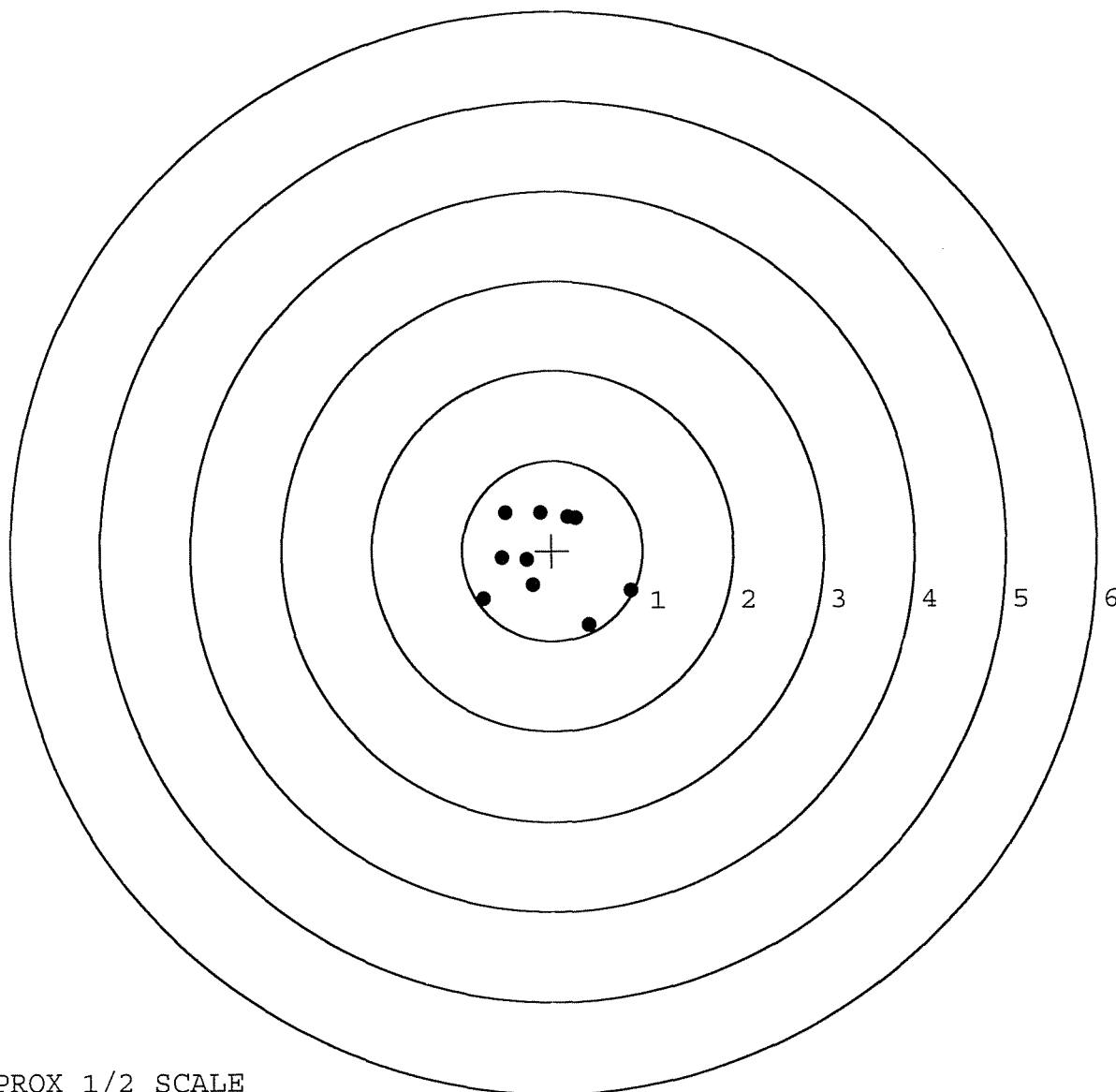


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. __0
 TARGET NUMBER: 3
 FILE DATE: 12/01/2005
 FILE TIME: 15:18

X CENTROID: -0.077
 Y CENTROID: -0.077
 POA TO CENTROID: 0.109
 HORZ SPREAD: 1.631
 VERT SPREAD: 1.251
 GROUP SPREAD: 1.638
 MIN RADIUS: 0.207
 MAX RADIUS: 1.015
 MEAN RADIUS: 0.600
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.870	-0.440
2:	0.401	-0.826
3:	-0.761	-0.534
4:	0.256	0.371
5:	0.170	0.381
6:	-0.135	0.425
7:	-0.522	0.423
8:	-0.554	-0.083
9:	-0.283	-0.104
10:	-0.216	-0.384



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. __0

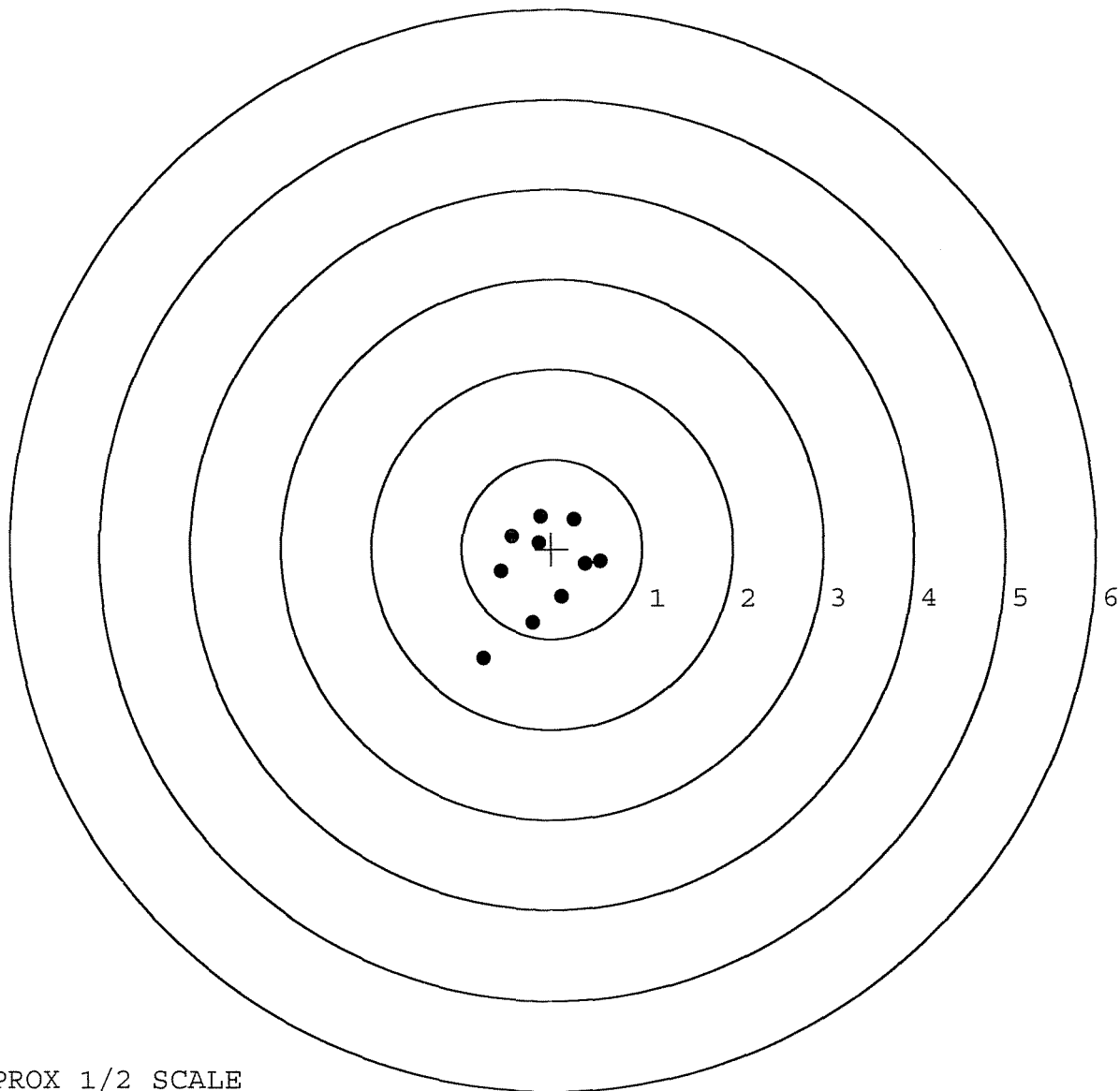
TARGET NUMBER: 4

FILE DATE: 12/01/2005

FILE TIME: 15:18

X CENTROID: -0.098
Y CENTROID: -0.224
POA TO CENTROID: 0.245
HORZ SPREAD: 1.292
VERT SPREAD: 1.586
GROUP SPREAD: 1.847
MIN RADIUS: 0.299
MAX RADIUS: 1.196
MEAN RADIUS: 0.581
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.756	-1.223
2:	-0.208	-0.826
3:	0.113	-0.537
4:	-0.566	-0.255
5:	0.536	-0.139
6:	0.370	-0.164
7:	0.245	0.329
8:	-0.128	0.363
9:	-0.446	0.137
10:	-0.141	0.072

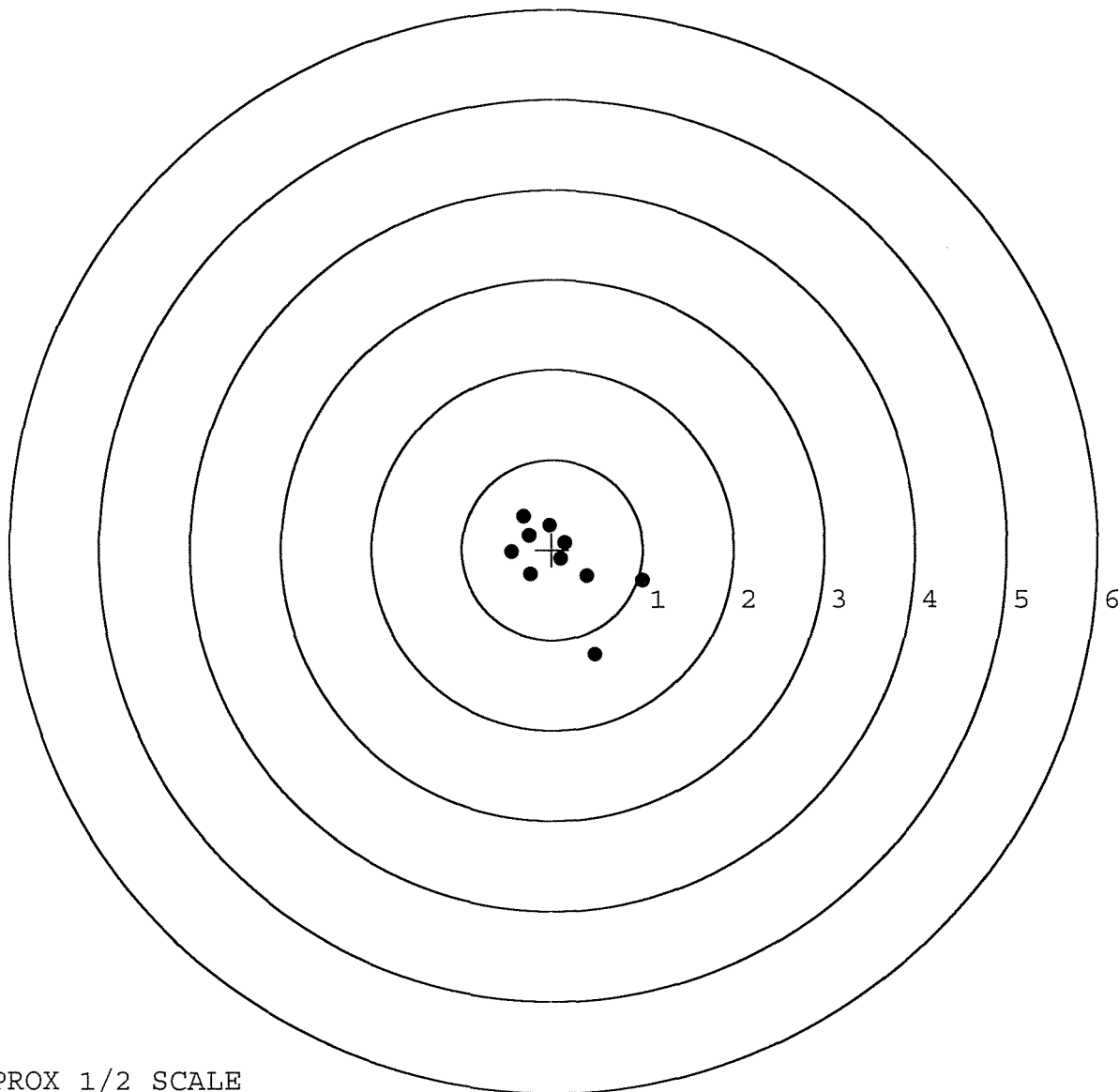


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. __0
 TARGET NUMBER: 5
 FILE DATE: 12/01/2005
 FILE TIME: 15:18

X CENTROID: 0.078
 Y CENTROID: -0.134
 POA TO CENTROID: 0.155
 HORZ SPREAD: 1.451
 VERT SPREAD: 1.531
 GROUP SPREAD: 1.727
 MIN RADIUS: 0.035
 MAX RADIUS: 1.104
 MEAN RADIUS: 0.505
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.474	-1.164
2:	1.000	-0.345
3:	0.384	-0.288
4:	-0.241	-0.277
5:	0.096	-0.103
6:	0.141	0.078
7:	-0.038	0.273
8:	-0.451	-0.033
9:	-0.325	0.367
10:	-0.256	0.157



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE

11-03-05

TESTER

S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.54	2.54	2.52	
PULL #2	2.33	2.60	2.61	
PULL #3	2.46	2.66	2.54	
PULL #4	2.57	2.61	2.70	
PULL #5	2.60	2.61	2.49	
TOTAL	12.50	13.02	12.86	
AVERAGE	2.50	2.60	2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.02	3.04	
PULL #2	3.09	3.23	
PULL #3	3.04	3.08	
PULL #4	3.15	3.09	
PULL #5	3.17	2.83	
TOTAL	15.47	15.27	
AVERAGE	3.09	3.05	

	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	3.98	3.86		3.95
PULL #2	3.95	3.92		4.00
PULL #3	3.96	3.89		3.93
PULL #4	3.98	4.03		4.13
PULL #5	4.04	4.16		4.28
TOTAL	19.91	19.86		20.29
AVERAGE	3.98	3.97		4.06

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

		<i>CAMP Shelby</i>		
R & E NUMBER	<i>102784</i>			
SERIAL NUMBER	<i>C6523528</i>			
LOG-IN DATE	<i>10-26-05</i>			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		<i>11-4-05</i>	<i>AC</i>
505	RE-BARREL		<i>11-8-05</i>	<i>A</i>
560	ASSEMBLE		<i>11-15-05</i>	<i>CD</i>
600	PROOF	MAGNA-FLUX	<i>11-15-05</i>	<i>CD</i>
605	CHECK HEADSPACE	INSPECTED	<i>11-15-05</i>	<i>CD</i>
610	DIS-ASSEMBLE GUN	NOV 18 2005	<i>11-15-05</i>	<i>CD</i>
612	MAGNAFLUX	OPERATOR <i>unus</i>	<i>11/18/05</i>	<i>unus</i>
510	DRILL AND TAP		<i>11-17-05</i>	<i>BR</i>
615	ROLLMARK CALIBER		<i>11-18-05</i>	<i>CW</i>
618	ROTO-BLAST		<i>11-21-05</i>	<i>LB</i>
620	APPLY COATINGS		<i>11/22/05</i>	<i>FB</i>
625	FINAL ASSEMBLY		<i>11-24-05</i>	<i>RTL</i>
640	FUNCTION TEST AND	PASS FAIL	<i>12-1-05</i>	<i>TRW</i>
650	TARGET	PASS FAIL	<i>12-1-05</i>	<i>TRW</i>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	<i>12-1-05</i>	<i>TRW</i>
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<i>2.07 2.10 2.14 2.07 2.15</i>	<i>A</i>
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	<i>5 lbs 5 lbs 5 lbs</i>	<i>A</i>
	G) SAFETY OFF FORCE	2 LBS MAX	<i>3 lbs 3 lbs 3 lbs</i>	<i>A</i>
	I) FIRING PIN INDENT	.020	<i>.024 .024 .024</i>	<i>A</i>
690	PACK		<i>12-2-05</i>	<i>DA</i>

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

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

MODEL 700™ M24

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

SERIAL NO.
C6523526

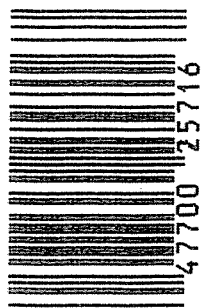
ORDER NO.
5716

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



5716 C6523526

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523526
17 Sep 1990

CENTROIDAL DISTANCES

0	TO	1	.105683
1	TO	2	.252745
1	TO	3	.837088
1	TO	4	.247316
1	TO	5	.420743

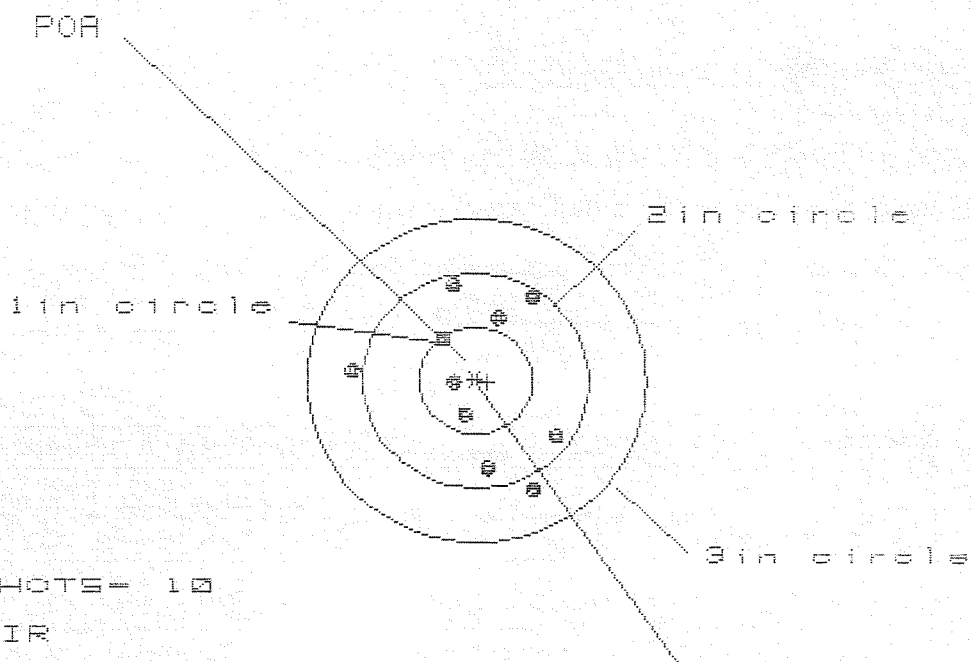
3
24⁵ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1318
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .131812
THE AMR FOR THIS RIFLE IS: .8872

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523526

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.740

VS= 1.876

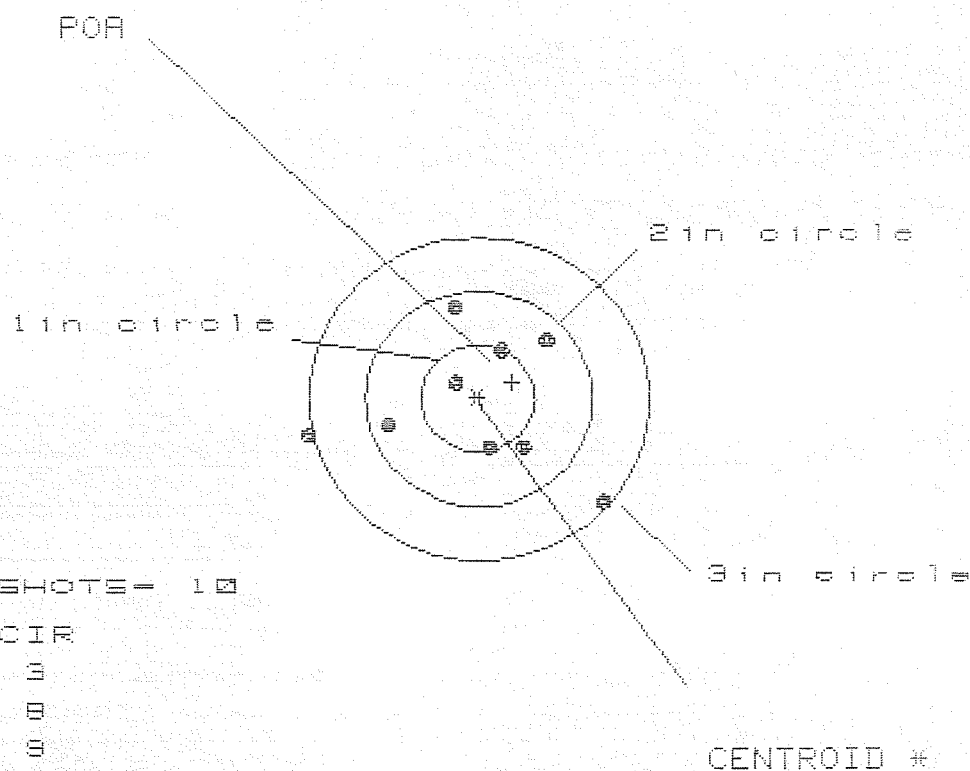
QS= 1.995

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.656	.707	.578
MINIMUM X	-1.085	-1.033	-.357
MAXIMUM Y	.874	.763	.757
MINIMUM Y	-1.002	-.952	-.958
CENTROID X	-.105	-.157	-.028
CENTROID Y	.012	.123	.129
POA TO CENTROID in.	.106	.200	.132
MIN RADIUS	.245	.238	.352
MEAN RADIUS	.744	.690	.655
MAX RADIUS	1.105	1.034	.960
HORIZONTAL SPREAD	1.740	1.740	.935
VERTICAL SPREAD	1.876	1.715	1.715
EXTREME SPREAD	1.995	1.841	1.750
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

17 Sep 1999

FILE:/PATTERNING/CENTERFIRE_PATT/C6523526

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.587

VS= 1.807

GS= 2.663

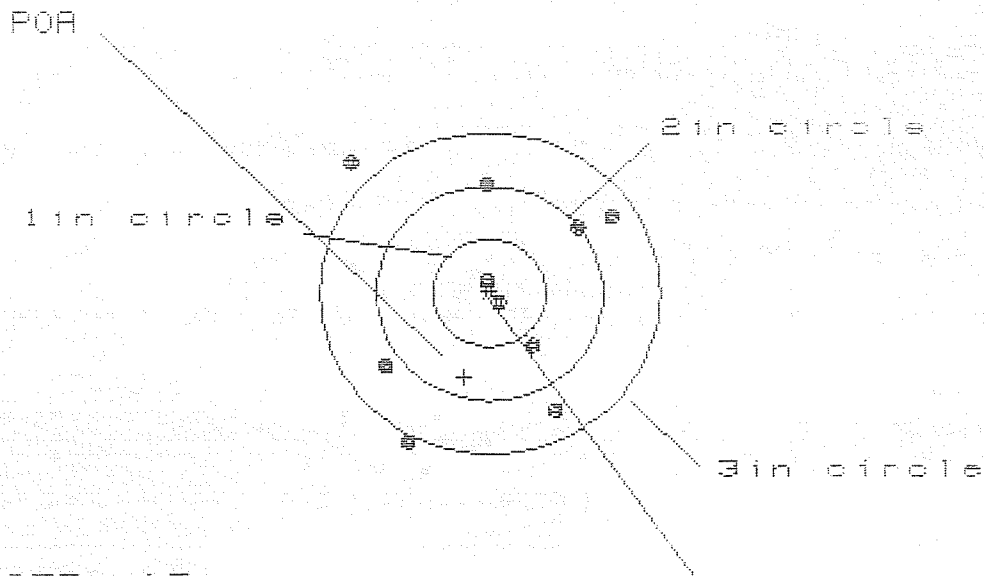
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.116	.953	.598
MINIMUM X	:	-1.471	-.996	-.877
MAXIMUM Y	:	.856	.821	.697
MINIMUM Y	:	-.951	-.986	-.614
CENTROID X	:	-.299	-.136	-.255
CENTROID Y	:	-.150	-.115	.009
POA TO CENTROID in.	:	.335	.178	.255
MIN RADIUS	:	.247	.395	.276
MEAN RADIUS	:	.790	.697	.589
MAX RADIUS	:	1.505	1.371	.979
HORIZONTAL SPREAD	:	2.587	1.949	1.475
VERTICAL SPREAD	:	1.807	1.807	1.311
EXTREME SPREAD	:	2.663	2.252	1.705
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523526

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.254

VS= 2.619

GS= 2.978

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.935	.823
MINIMUM X	:	-1.187	-1.057	-1.169
MAXIMUM Y	:	1.260	1.110	.957
MINIMUM Y	:	-1.358	-1.218	-1.123
CENTROID X	:	.221	.353	.465
CENTROID Y	:	.783	.643	.796
POA TO CENTROID in.	:	.814	.734	.922
MIN RADIUS	:	.150	.024	.191
MEAN RADIUS	:	.986	.882	.804
MAX RADIUS	:	1.731	1.512	1.337
HORIZONTAL SPREAD	:	2.254	1.992	1.992
VERTICAL SPREAD	:	2.619	2.328	2.080
EXTREME SPREAD	:	2.978	2.795	2.430
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08529526

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.642

VS= 2.031

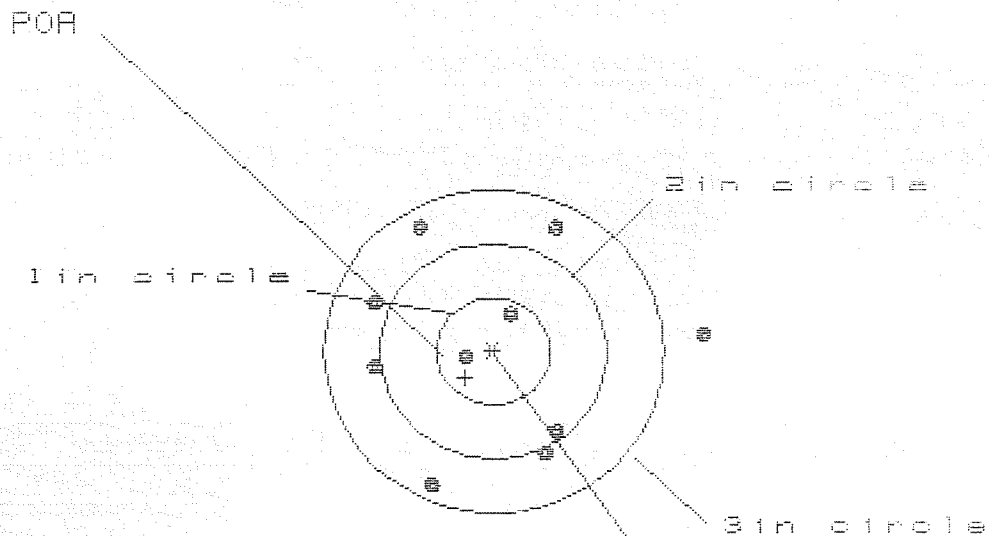
GS= 2.932

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.490	.660	.537
MINIMUM X	:	-1.152	-.986	-.588
MAXIMUM Y	:	1.103	1.150	1.050
MINIMUM Y	:	-.928	-.881	-.981
CENTROID X	:	-.054	-.220	-.097
CENTROID Y	:	-.230	-.277	-.177
POA TO CENTROID in.	:	.236	.354	.202
MIN RADIUS	:	.034	.079	.062
MEAN RADIUS	:	.858	.769	.700
MAX RADIUS	:	1.549	1.271	1.118
HORIZONTAL SPREAD	:	2.642	1.646	1.125
VERTICAL SPREAD	:	2.031	2.031	2.031
EXTREME SPREAD	:	2.932	2.373	2.052
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523526

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS= 2.922

VS= 2.356

CS= 2.933

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.854	.767	.726
MINIMUM X	-1.069	-.863	-.904
MAXIMUM Y	1.137	1.151	1.000
MINIMUM Y	-1.220	-1.205	-1.097
CENTROID X	.246	.041	.082
CENTROID Y	.244	.230	.381
POA TO CENTROID in.	.347	.233	.389
MIN RADIUS	.283	.083	.224
MEAN RADIUS	1.058	.939	.900
MAX RADIUS	1.858	1.358	1.245
HORIZONTAL SPREAD	2.922	1.630	1.630
VERTICAL SPREAD	2.356	2.356	2.097
EXTREME SPREAD	2.933	2.573	2.368
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

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

SERIAL NO. C6523526
DATE 9/13/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.32	2.25	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.32	2.32	2.25	
PULL #3	2.51	2.36	2.29	2.20	
PULL #4	2.54	2.34	2.34	2.21	
PULL #5	2.46	2.34	2.27	2.28	
TOTAL	12.37	11.68	11.47		
AVG.	2.47	2.33	2.29		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.34		
PULL #2	3.37	3.21		
PULL #3	3.23	3.35		
PULL #4	3.23	3.35		
PULL #5	3.37	3.31		
TOTAL	16.47	16.56		
AVG.	3.30	3.31		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.22		4.34
PULL #2	4.23	4.25		4.29
PULL #3	4.23	4.21		4.25
PULL #4	4.00	4.22		4.05
PULL #5	4.16	4.14		4.29
TOTAL	20.81	21.04		21.22
AVG.	4.16	4.21		4.24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523526

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCK
	Magnaflux Bolt		8/21/90	KCK
615	Rollmark Caliber		8/21/90	GS
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel <i>DB</i>		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-21-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/13/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/13/90	WB
	C) Inspect Ejector Hole for Chamfer		9/13/90	WB
	D) Oil Firing Pin Ass'y		9/13/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		9/13/90	WB

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	9/13/90	WLB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	9/13/90	WLB		
	H) Trigger Pull Test & Retainability				9/13/90	WLB		
	I) Firing Pin Indent	.024	.024	.024	9/13/90	WLB		
	J) Assemble Stock				9/14/90	KJA		
	K) Assemble Swivel Studs				9/17/90	928		
	L) Attach Front and Rear Sight Assemblies				9/14/90	KJA		
	M) Iron Sight Alignment				9/14/90	KJA		
	N) Detach Front & Rear Sights & place in numbered container				9/14/90	KJA		
	O) Attach Scope to Rifle				9/14/90	KJA		
	P) Detach & Attach Scope 20 Times				9/14/90	KJA		
640	Gallery Target & Test				9-17-90	D/H		
	A) Time				9-17-90	D/H		
	B) Malfunctions				9-17-90	D/H		
	C) Pierced Primers				9-17-90	D/H		
	D) Optical Clarity of Scope				9-17-90	D/H		
645	Inspect for Live Ammo				9-17-90	D/H		
655	Final Inspection							
	A) Headspace				9/17/90	928		
	B) Trigger Pull	224	225	220	221	228	9/17/90	928
	C) Function						9/17/90	928
660	Pack						9/19/90	NE