

C6523383

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00150678

Serial: C6523383 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status: Closed 9/9/2008 10:49:04 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: HHC 2/8

HHC 2/8

Address 1: BARKELEY AVE

BARKELEY AVE

Address 2: BLDG 2160

BLDG 2160

PO Box:

PO Box:

City: FORT CARSON

FORT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1

Repair Search

Refresh

Close

nagletj

9/10/2008

10:29 AM

DAPS

NUM

INS

SCR



Serial Number: C6523383

Model: M24 SWS



RE00150678

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

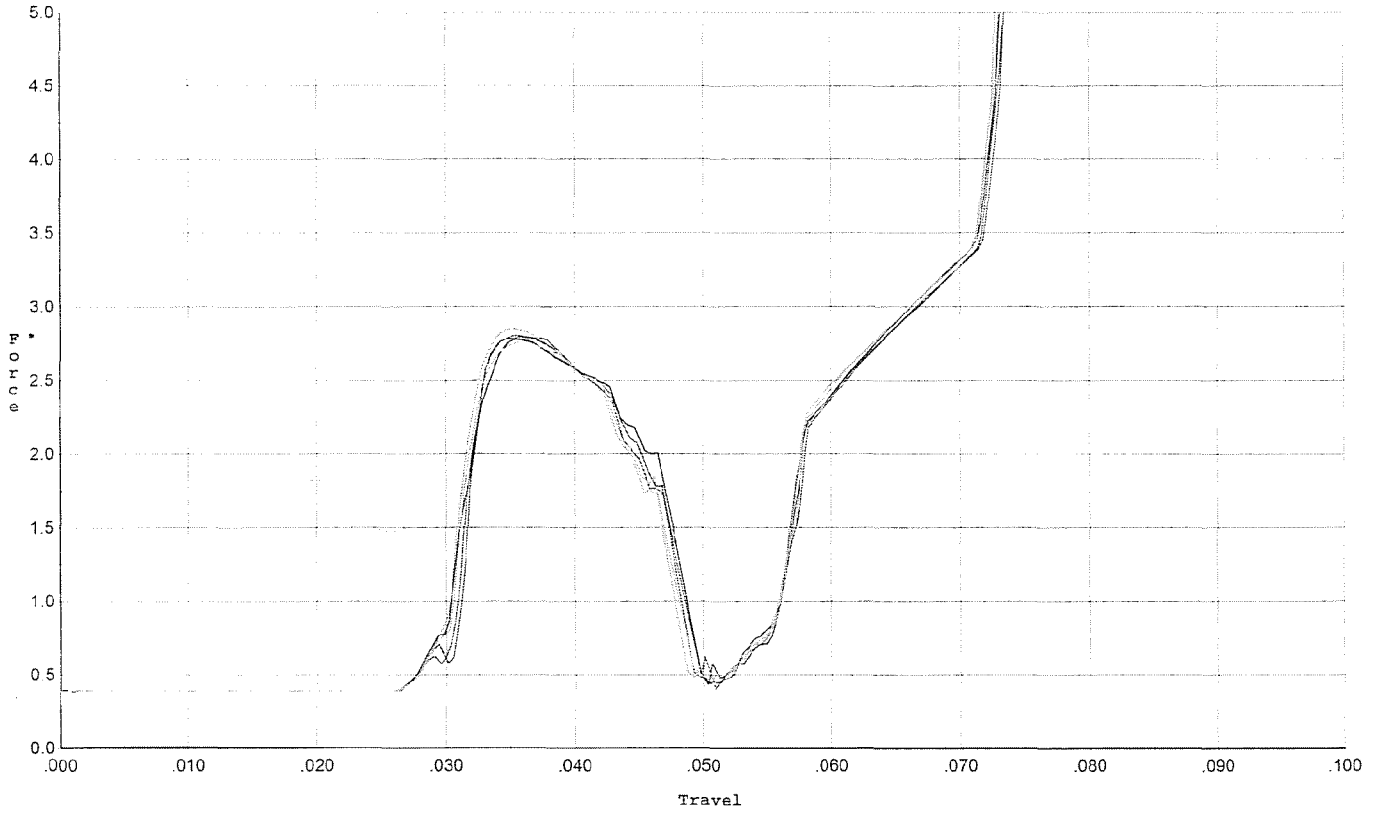
R&E NUMBER 150678
SERIAL NUMBER C6523383
LOG-IN DATE 9-9-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-23-08	RTZ
505	RE-BARREL	10-24-08	RTZ
560	ASSEMBLE	10-24-08	RTZ
600	PROOF	10-27-08	PPD
605	CHECK HEADSPACE	10-27-08	PPD
610	DIS-ASSEMBLE GUN	10-27-08	PPD
612	MAGNAFLUX	10-29-08	(K)
510	DRILL AND TAP	10-28-08	SP
615	ROLLMARK CALIBER	10-29-08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-31	
625	FINAL ASSEMBLY	11-4-08	RTZ
640	FUNCTION TEST AND	11-7-08	TC
650	TARGET	11-7-08	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	11-7-08	TAE
	A) HEADSPACE	12-4-08	PPD
	B) TRIGGER PULL	12-4-08	PPD
	C) SAFETY ON FORCE	12-4-08	PPD
	D) SAFETY OFF FORCE	12-4-08	PPD
	E) FIRING PIN INDENT	12-4-08	PPD
690	PACK	12-4-08	PPD

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



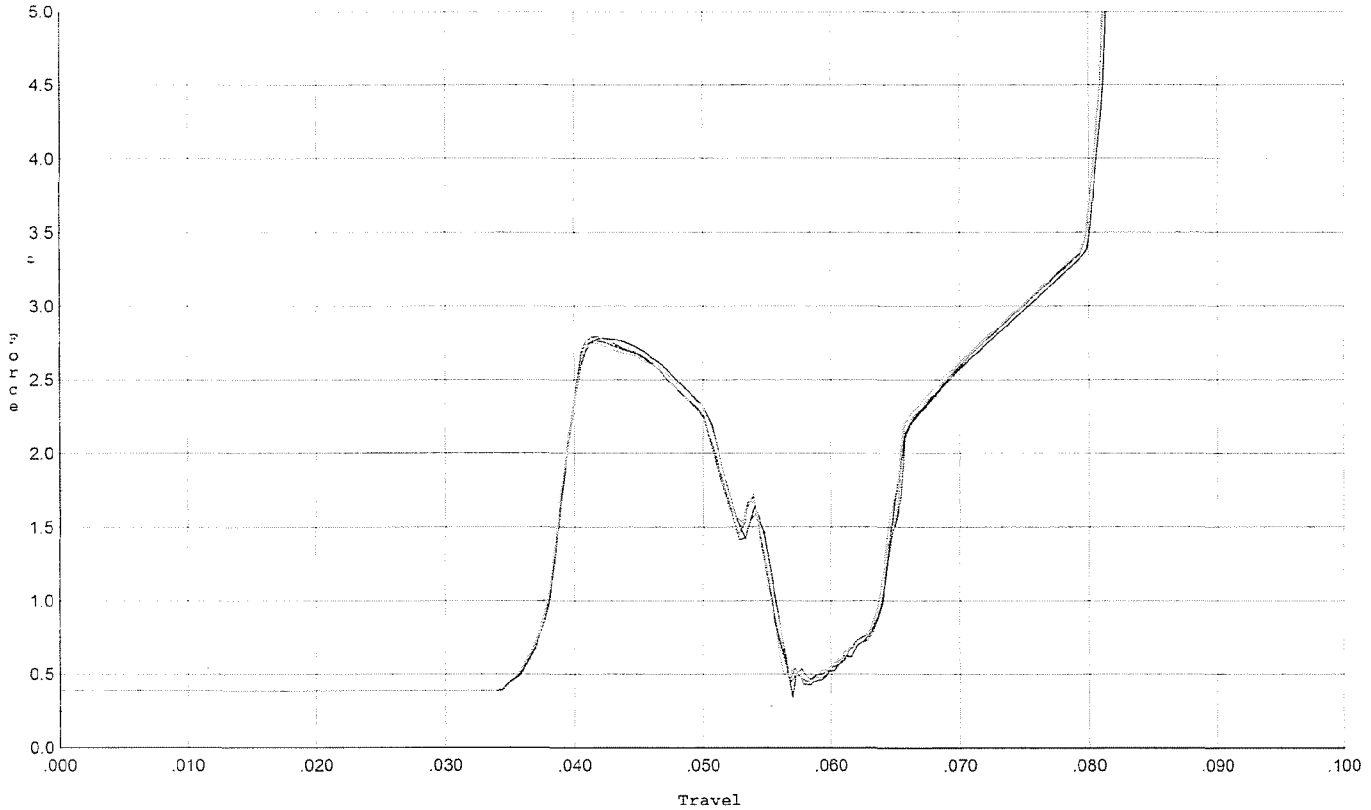
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.796	0.047	0.028	0.032	0.051		Set Trigger
2	2.778	0.048	0.028	0.031	0.053		Set Trigger
3	2.803	0.047	0.028	0.031	0.051		Set Trigger
4	2.759	0.046	0.028	0.031	0.050		Set Trigger
5	2.849	0.046	0.028	0.031	0.051		Set Trigger

A-2.79

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



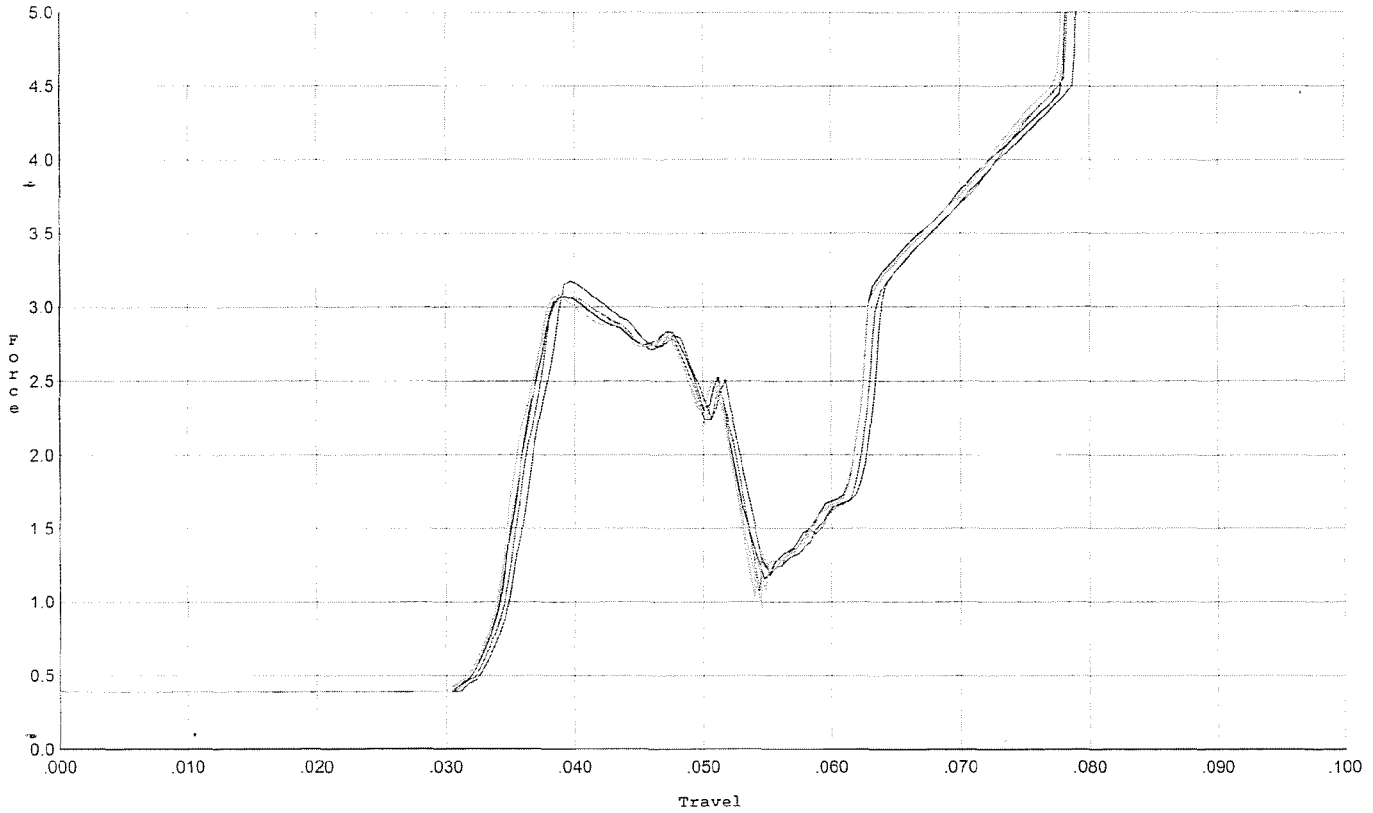
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.795	0.054	0.036	0.034	0.052		Set Trigger
2	2.780	0.055	0.036	0.033	0.053		Set Trigger
3	2.761	0.054	0.036	0.034	0.052		Set Trigger
4	2.789	0.054	0.036	0.034	0.052		Set Trigger
5	2.747	0.054	0.036	0.033	0.052		Set Trigger

A=2-77

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



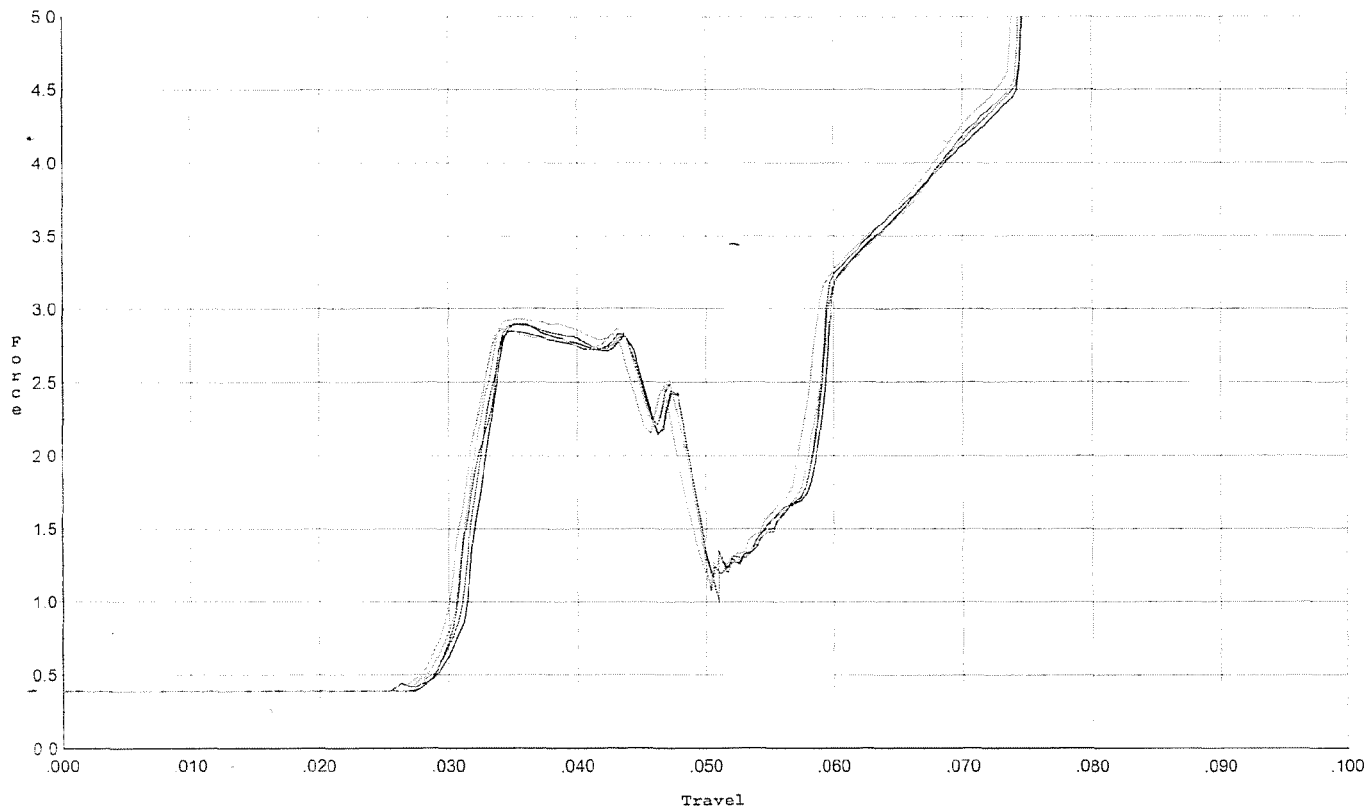
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.177	0.052	0.033	0.032	0.060		Set Trigger
2	3.066	0.051	0.032	0.032	0.060		Set Trigger
3	3.072	0.052	0.033	0.032	0.061		Set Trigger
4	3.053	0.051	0.032	0.032	0.060		Set Trigger
5	3.082	0.051	0.032	0.032	0.060		Set Trigger

A-3-09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



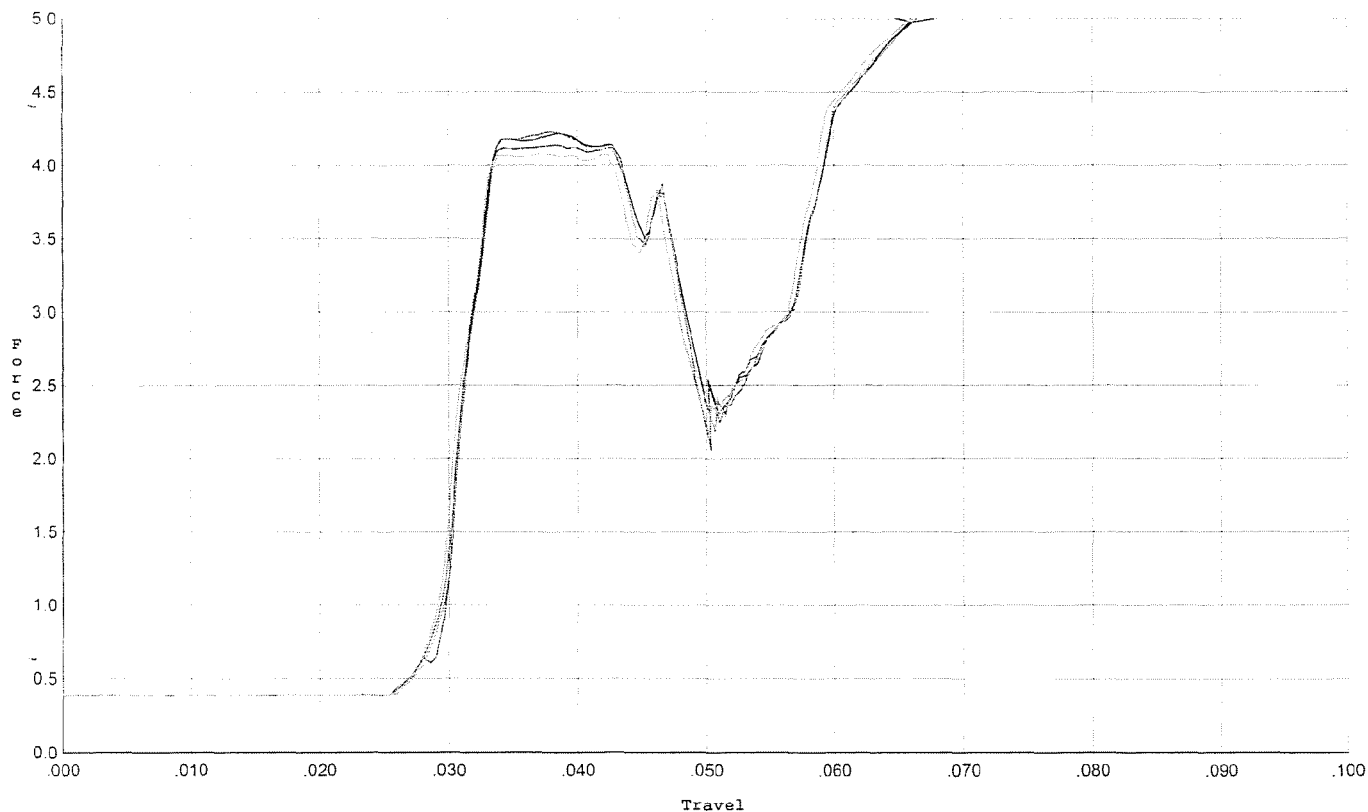
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.845	0.048	0.029	0.031	0.057		Set Trigger
2	2.894	0.048	0.030	0.031	0.056		Set Trigger
3	2.888	0.048	0.030	0.031	0.057		Set Trigger
4	2.932	0.048	0.029	0.031	0.059		Set Trigger
5	2.861	0.047	0.029	0.031	0.056		Set Trigger

A-288

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



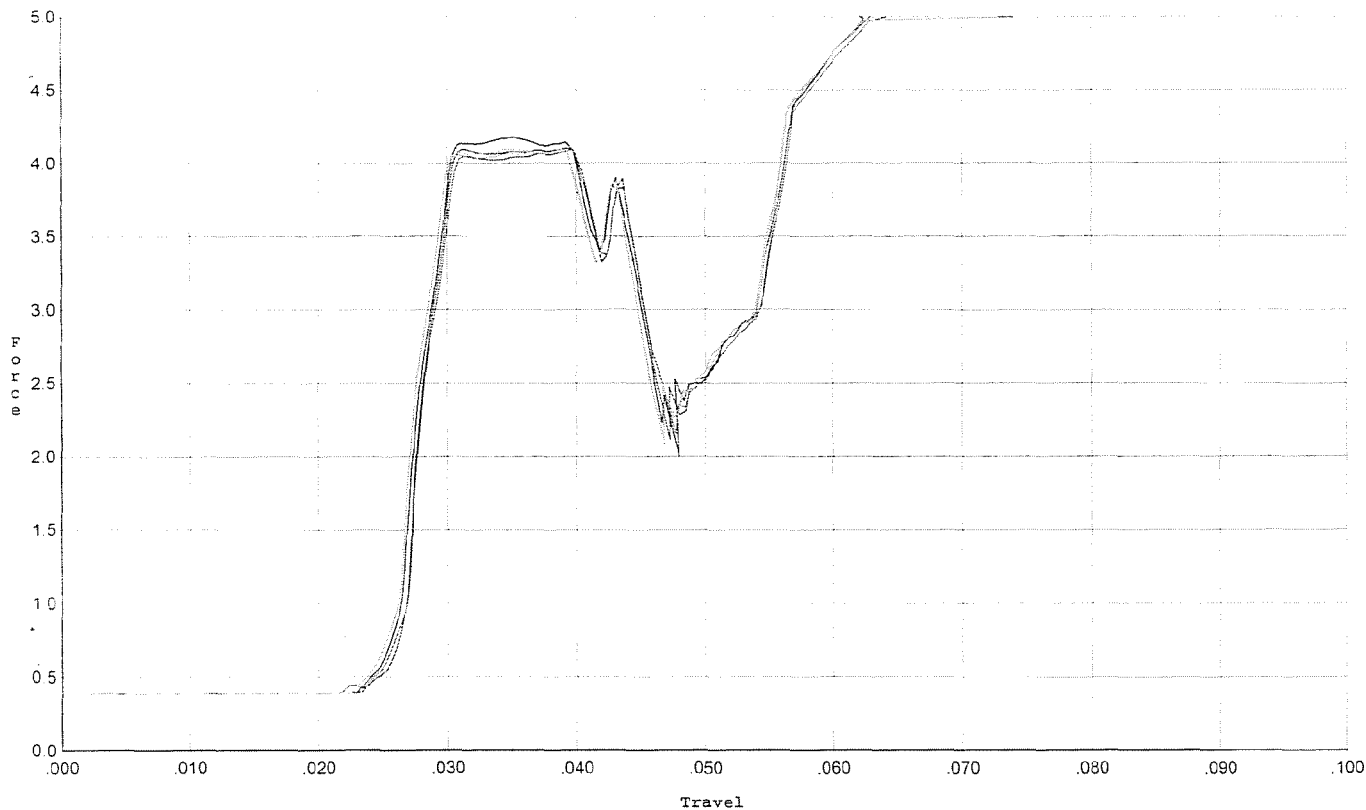
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.139	0.047	0.029	0.029	0.078		Set Trigger
2	4.218	0.047	0.028	0.029	0.078		Set Trigger
3	4.229	0.047	0.028	0.029	0.079		Set Trigger
4	4.131	0.047	0.028	0.029	0.078		Set Trigger
5	4.080	0.046	0.028	0.029	0.076		Set Trigger

A4.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



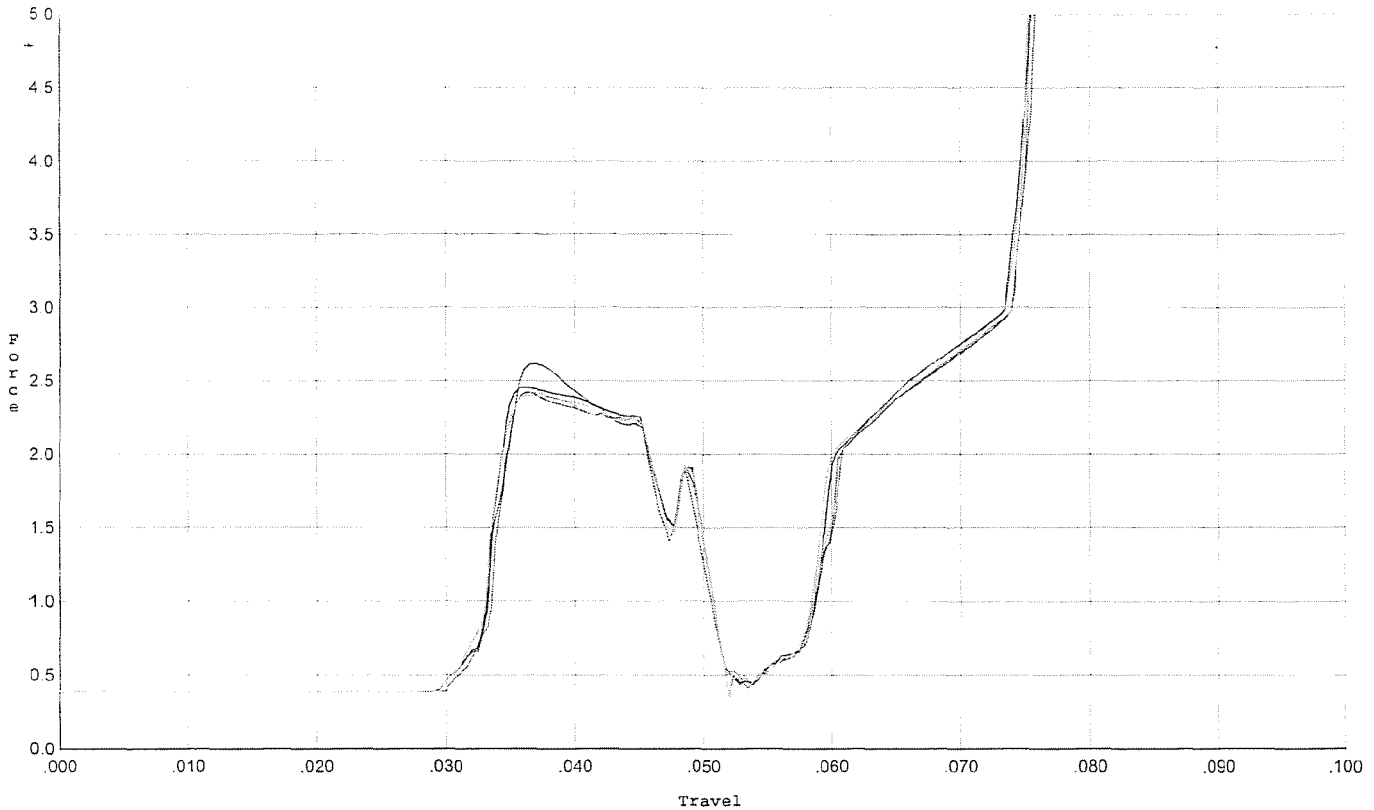
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.104	0.044	0.026	0.027	0.076		Set Trigger
2	4.178	0.044	0.025	0.027	0.078		Set Trigger
3	4.094	0.044	0.024	0.027	0.075		Set Trigger
4	4.099	0.043	0.023	0.027	0.075		Set Trigger
5	4.088	0.043	0.025	0.027	0.075		Set Trigger

A-4.11

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



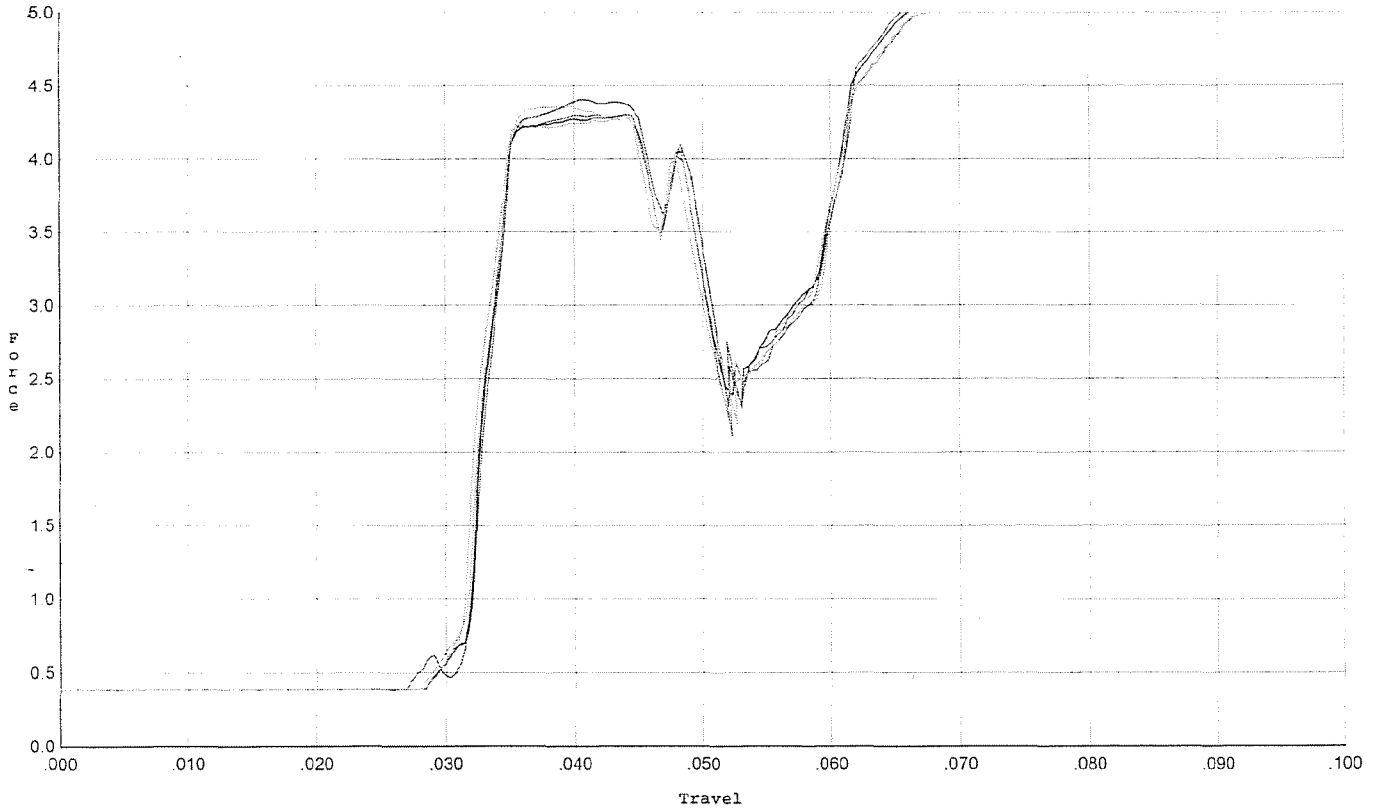
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.618	0.049	0.033	0.032	0.048		Set Trigger
2	2.454	0.049	0.032	0.032	0.049		Set Trigger
3	2.420	0.049	0.032	0.032	0.046		Set Trigger
4	2.395	0.049	0.032	0.032	0.048		Set Trigger
5	2.418	0.049	0.030	0.032	0.048		Set Trigger

A-2.46

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.404	0.049	0.027	0.023	0.083		Set Trigger
2	4.300	0.048	0.029	0.024	0.080		Set Trigger
3	4.301	0.048	0.029	0.025	0.080		Set Trigger
4	4.296	0.048	0.030	0.025	0.079		Set Trigger
5	4.356	0.048	0.029	0.025	0.081		Set Trigger

174.33

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523383.___0
FILE DATE AND TIME: 11/07/2008 14:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.095
The Average Y Centroid of the Five Target Set:	-0.042
The Average Point of Impact of the Five Target Set:	0.103
The Average Mean Radius of the Five Target Set:	0.599
The Distance from POA to Centroid Target #1:	0.122
The Distance from Centroid Target #2 to Centroid Target #1:	0.259
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.028
The Distance from Centroid Target #5 to Centroid Target #1:	0.142

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 1

FILE DATE: 11/07/2008

FILE TIME: 14:01

POINT#	X	Y
1:	1.021	-1.030
2:	0.674	-0.665
3:	0.105	-0.473
4:	-0.048	-0.261
5:	-0.859	-0.347
6:	-0.610	-0.166
7:	-0.472	0.319
8:	-0.318	0.607
9:	0.111	0.473
10:	0.114	0.359

X CENTROID: -0.028

Y CENTROID: -0.118

POA TO CENTROID: 0.122

HORZ SPREAD: 1.880

VERT SPREAD: 1.637

GROUP SPREAD: 2.115

MIN RADIUS: 0.144

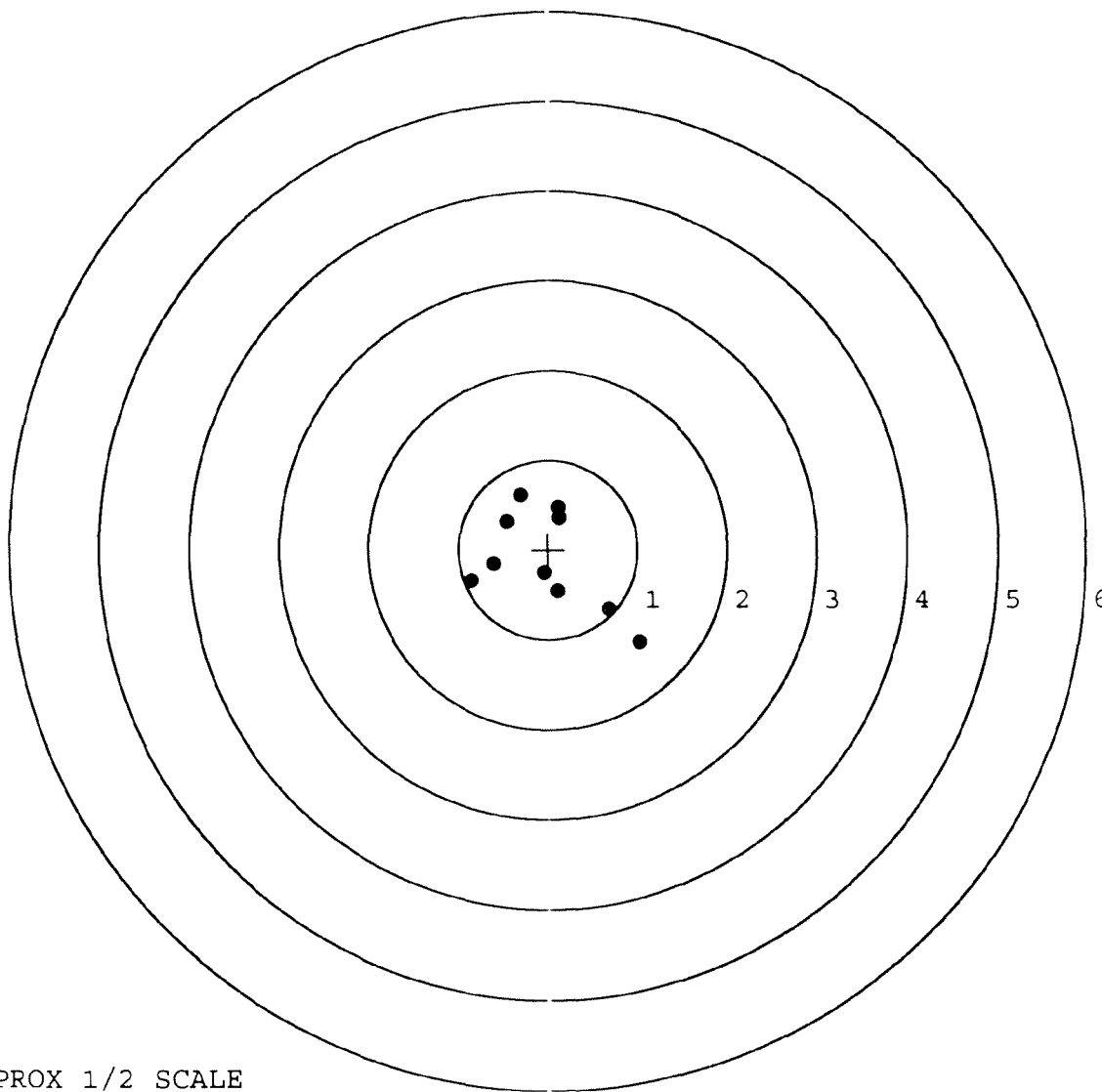
MAX RADIUS: 1.390

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 2

FILE DATE: 11/07/2008

FILE TIME: 14:01

POINT#	X	Y
1:	-1.077	1.112
2:	0.052	-0.868
3:	0.468	0.437
4:	-0.590	0.243
5:	-0.419	-0.309
6:	0.062	-0.359
7:	-0.227	-0.169
8:	-0.186	0.097
9:	-0.099	0.223
10:	0.050	0.377

X CENTROID: -0.197

Y CENTROID: 0.078

POA TO CENTROID: 0.212

HORZ SPREAD: 1.545

VERT SPREAD: 1.980

GROUP SPREAD: 2.279

MIN RADIUS: 0.021

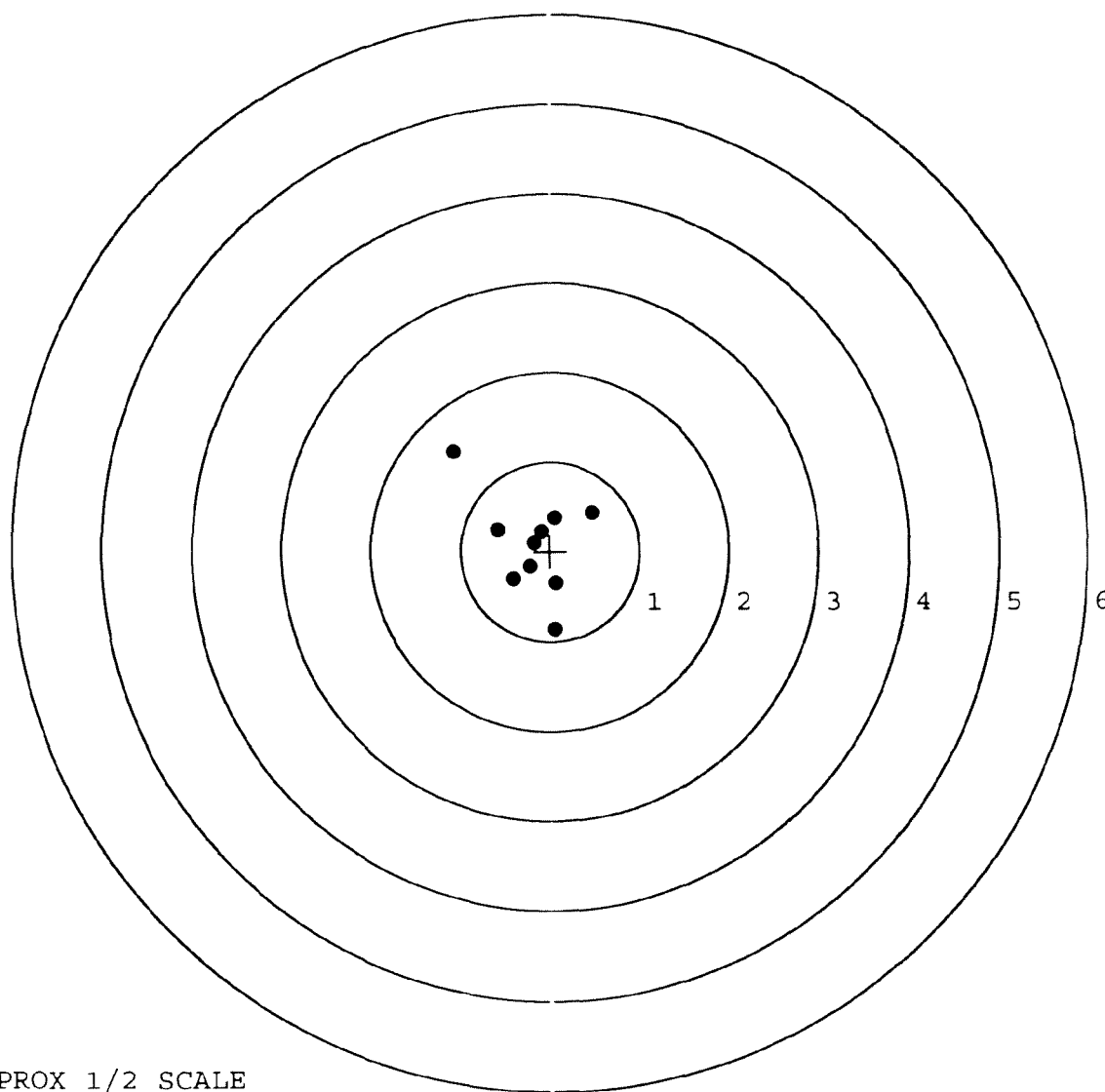
MAX RADIUS: 1.358

MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 3

FILE DATE: 11/07/2008

FILE TIME: 14:01

POINT#	X	Y
1:	-0.892	0.726
2:	-0.665	0.484
3:	-0.593	-0.037
4:	-0.440	-0.280
5:	0.961	-0.397
6:	0.305	-0.759
7:	0.418	-0.306
8:	0.325	0.112
9:	-0.130	-0.095
10:	-0.277	-0.108

X CENTROID: -0.099

Y CENTROID: -0.066

POA TO CENTROID: 0.119

HORZ SPREAD: 1.853

VERT SPREAD: 1.485

GROUP SPREAD: 2.167

MIN RADIUS: 0.043

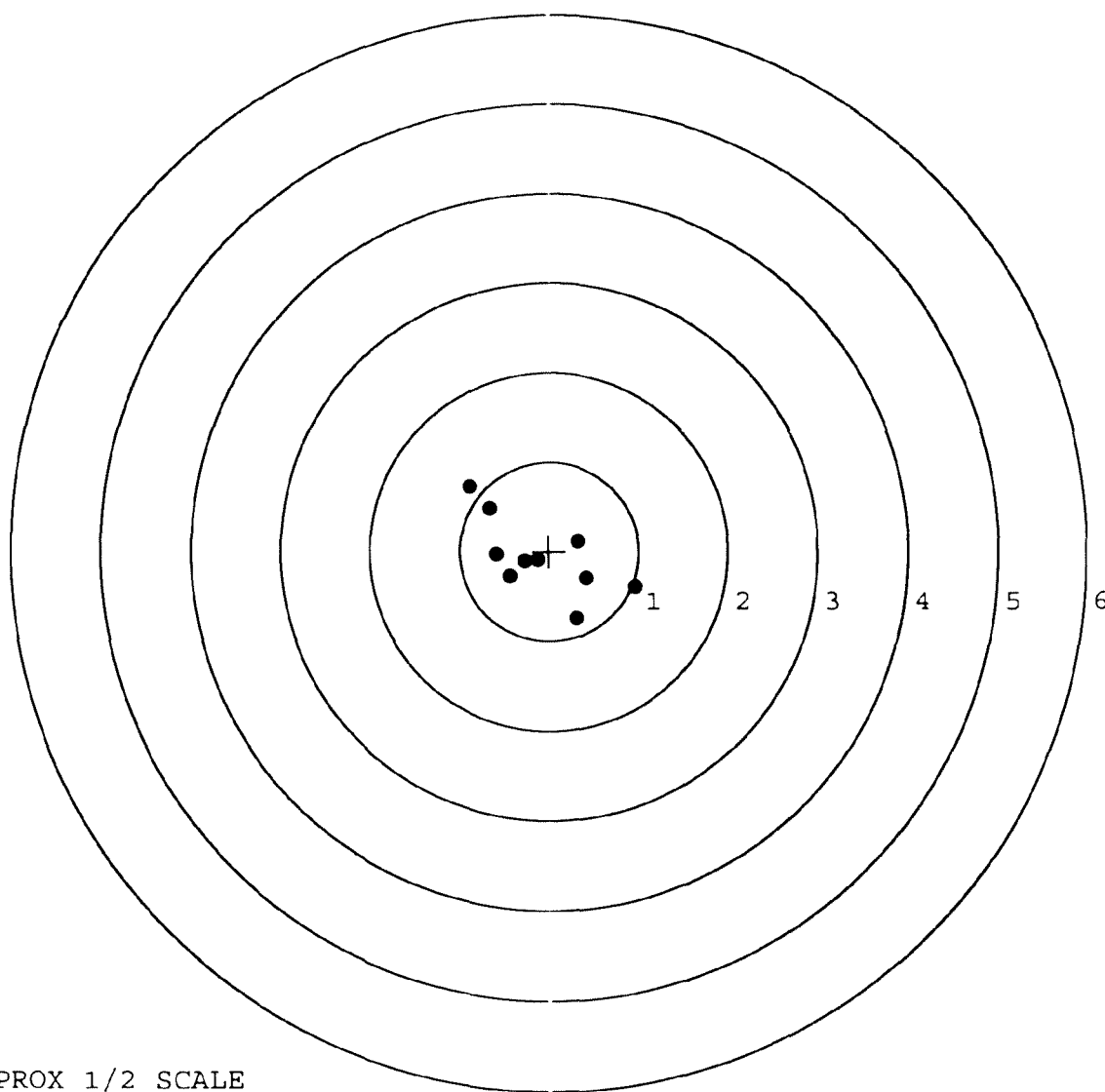
MAX RADIUS: 1.121

MEAN RADIUS: 0.598

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 4

FILE DATE: 11/07/2008

FILE TIME: 14:01

POINT#	X	Y
1:	-1.482	0.222
2:	-0.453	-0.202
3:	-0.478	-0.446
4:	0.347	-0.481
5:	0.388	-0.183
6:	0.506	0.044
7:	0.273	0.284
8:	-0.052	-0.078
9:	0.131	-0.174
10:	0.267	-0.088

X CENTROID: -0.055

Y CENTROID: -0.110

POA TO CENTROID: 0.123

HORZ SPREAD: 1.988

VERT SPREAD: 0.765

GROUP SPREAD: 1.996

MIN RADIUS: 0.032

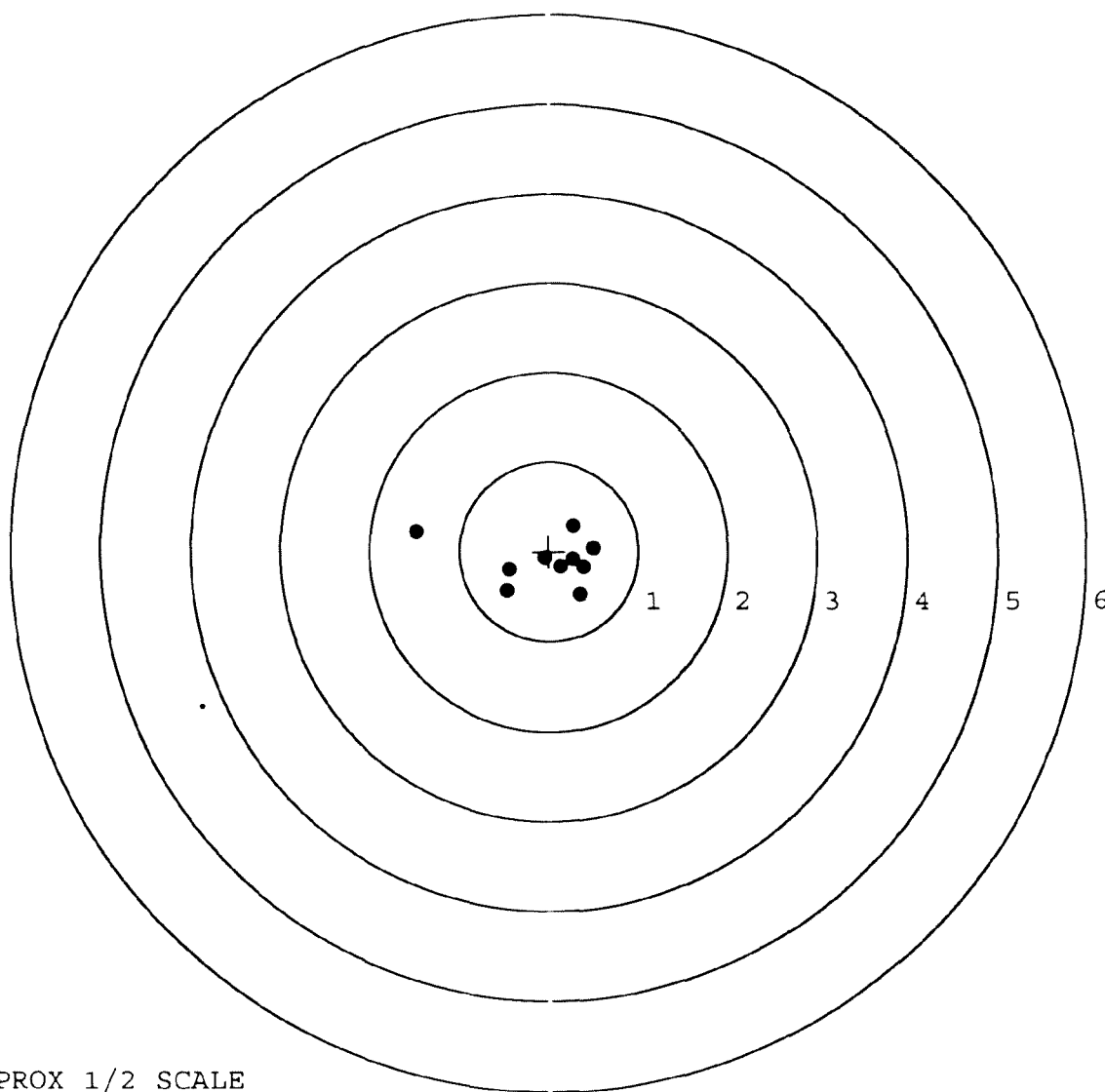
MAX RADIUS: 1.465

MEAN RADIUS: 0.506

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. 0

TARGET NUMBER: 5

FILE DATE: 11/07/2008

FILE TIME: 14:01

POINT#	X	Y
1:	0.805	-0.420
2:	0.767	-0.591
3:	-0.086	-0.761
4:	-0.381	-0.747
5:	-0.389	0.067
6:	-0.587	0.517
7:	-0.443	0.524
8:	-0.385	0.485
9:	-0.296	0.449
10:	0.052	0.555

X CENTROID: -0.094

Y CENTROID: 0.008

POA TO CENTROID: 0.095

HORZ SPREAD: 1.392

VERT SPREAD: 1.316

GROUP SPREAD: 1.750

MIN RADIUS: 0.301

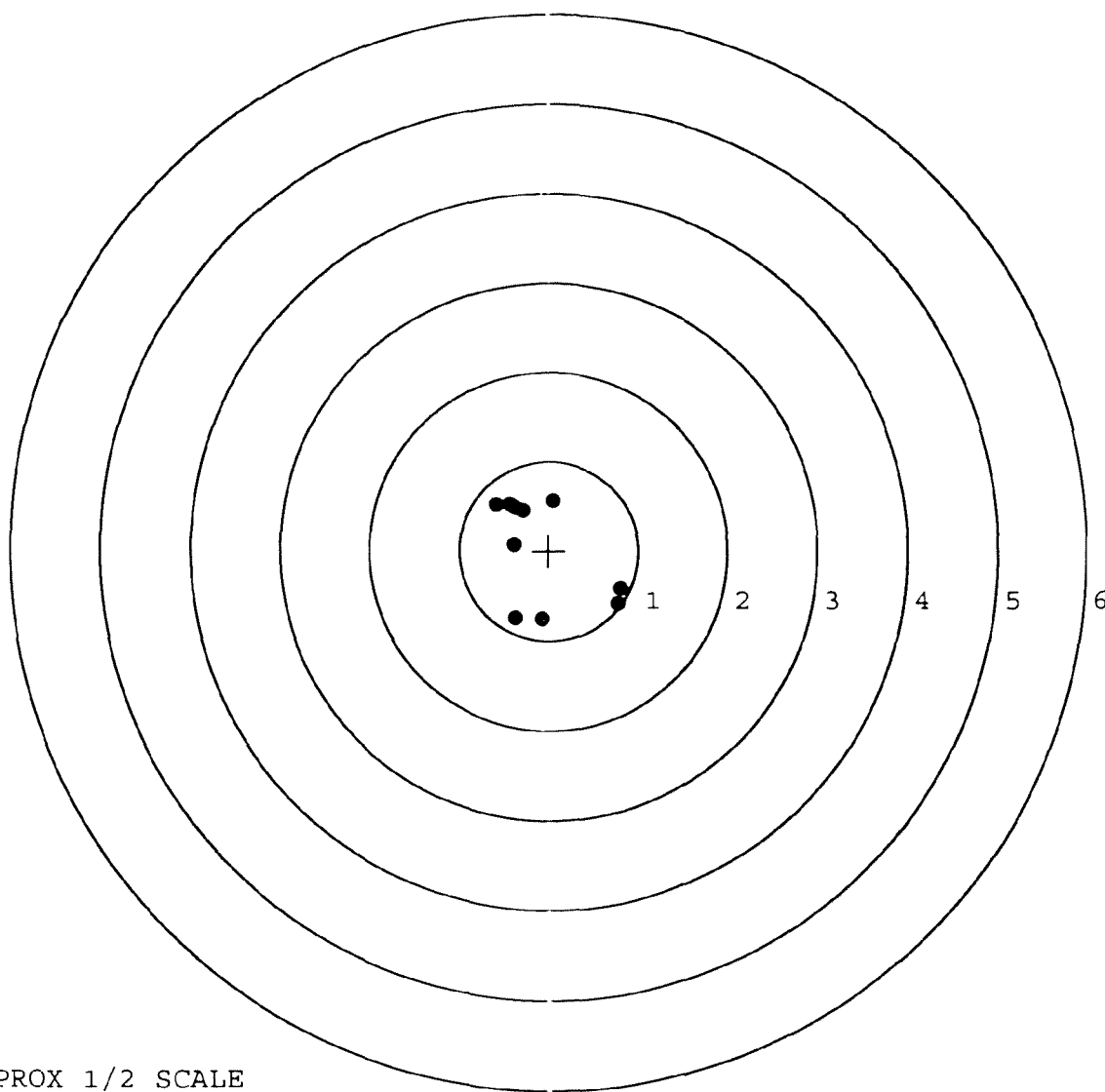
MAX RADIUS: 1.049

MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Serial Number: C6523383

Model: M24 SWS



RE00089029

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523383.___0
FILE DATE AND TIME: 01/07/2005 11:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	-0.092
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.769
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.395
The Distance from Centroid Target #3 to Centroid Target #1:	0.180
The Distance from Centroid Target #4 to Centroid Target #1:	0.067
The Distance from Centroid Target #5 to Centroid Target #1:	0.101

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 1

FILE DATE: 01/07/2005

FILE TIME: 11:32

X CENTROID: -0.081

Y CENTROID: -0.008

POA TO CENTROID: 0.082

HORZ SPREAD: 2.301

VERT SPREAD: 1.793

GROUP SPREAD: 2.523

MIN RADIUS: 0.141

MAX RADIUS: 1.517

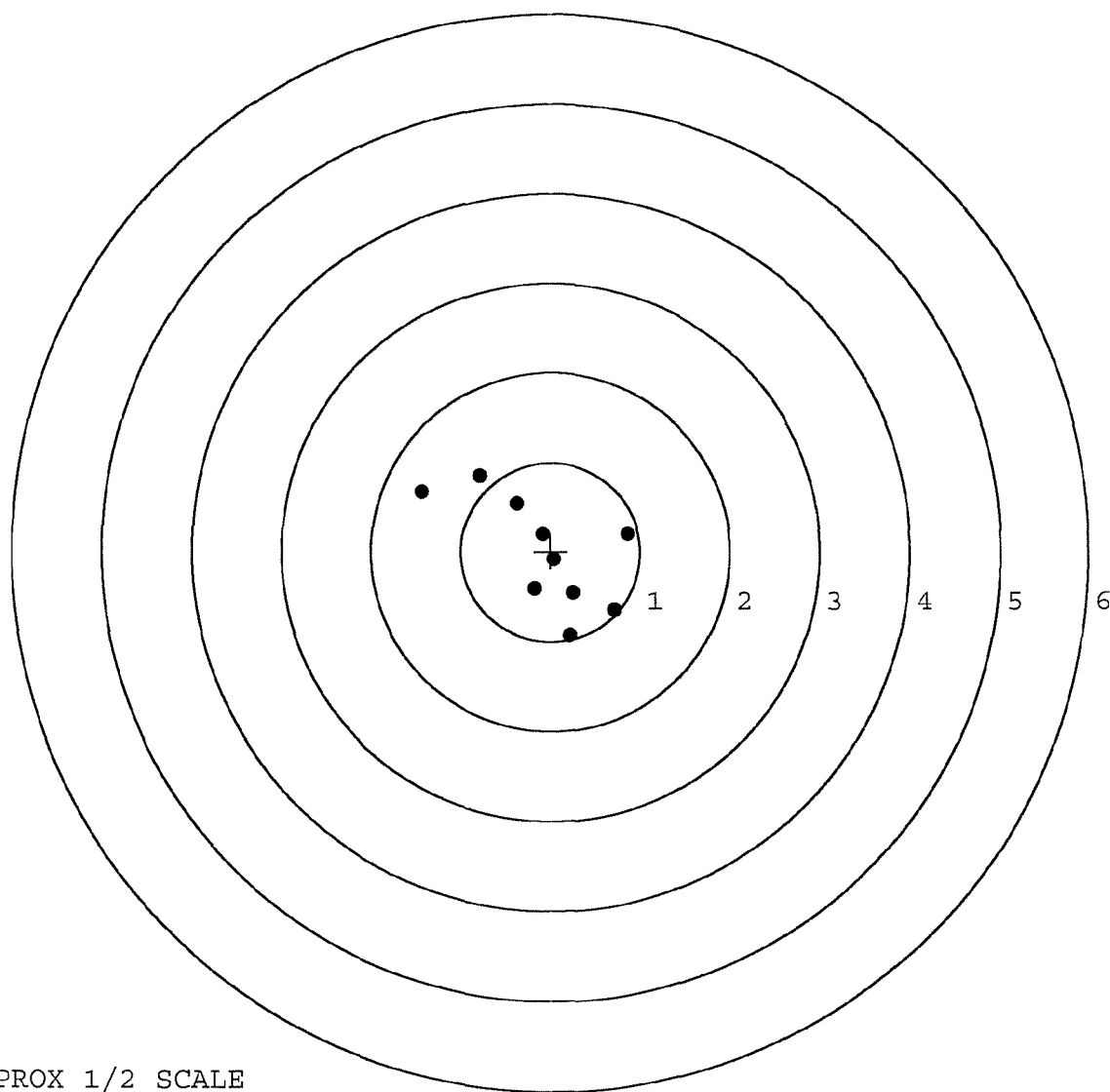
MEAN RADIUS: 0.755

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.712	-0.649
2:	0.219	-0.937
3:	0.247	-0.464
4:	0.863	0.206
5:	-0.183	-0.414
6:	0.034	-0.090
7:	-0.092	0.196
8:	-0.791	0.856
9:	-1.438	0.671
10:	-0.384	0.540



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. 0

TARGET NUMBER: 2

FILE DATE: 01/07/2005

FILE TIME: 11:32

X CENTROID: 0.216

Y CENTROID: -0.268

POA TO CENTROID: 0.345

HORZ SPREAD: 1.546

VERT SPREAD: 2.286

GROUP SPREAD: 2.449

MIN RADIUS: 0.503

MAX RADIUS: 1.549

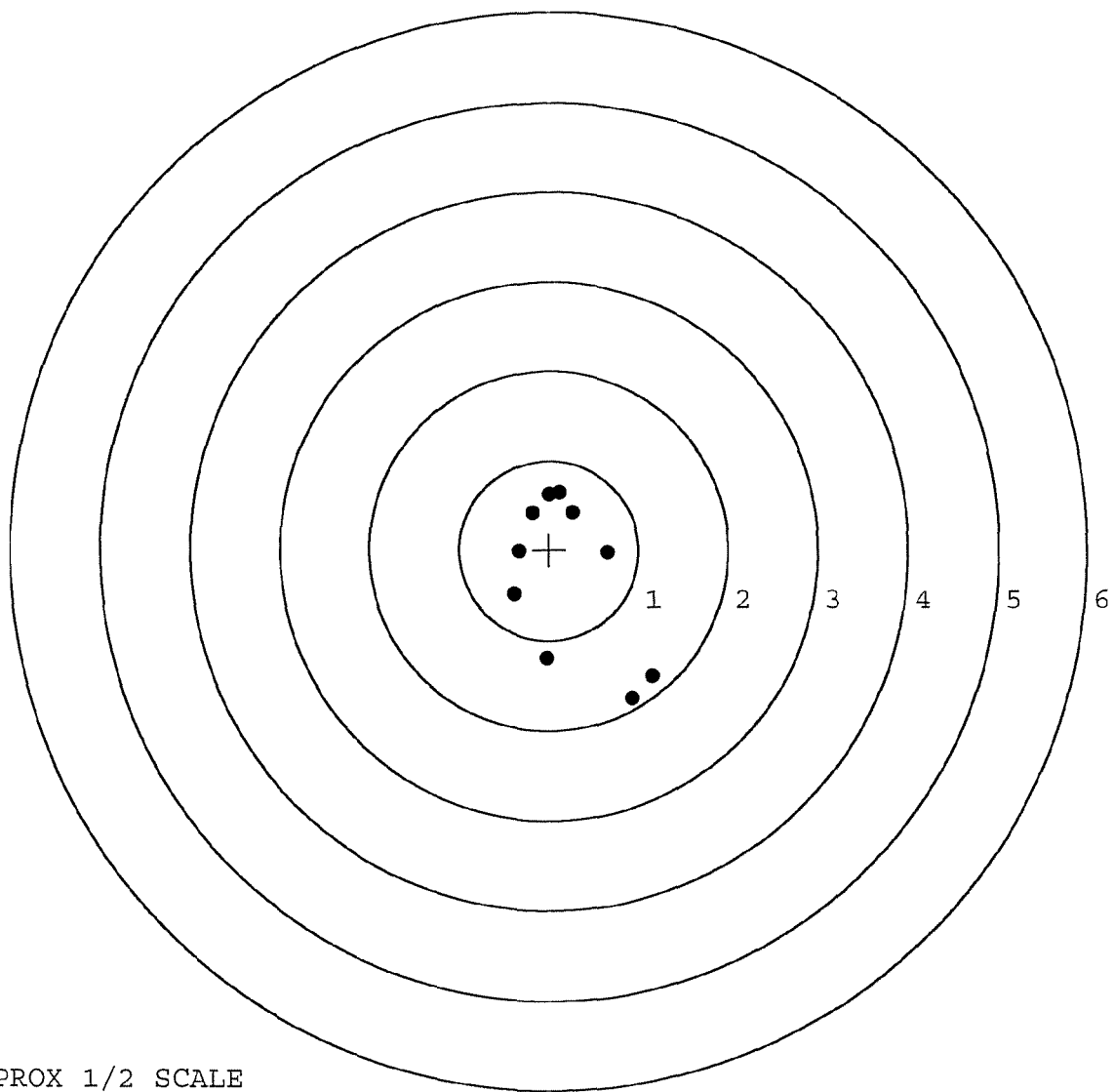
MEAN RADIUS: 0.906

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.657	-0.027
2:	-0.033	-1.204
3:	-0.396	-0.499
4:	-0.335	-0.016
5:	-0.192	0.415
6:	0.000	0.623
7:	0.118	0.644
8:	0.261	0.418
9:	1.150	-1.396
10:	0.932	-1.642



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383.___0

TARGET NUMBER: 3

FILE DATE: 01/07/2005

FILE TIME: 11:32

X CENTROID: -0.134

Y CENTROID: -0.181

POA TO CENTROID: 0.225

HORZ SPREAD: 2.120

VERT SPREAD: 1.722

GROUP SPREAD: 2.411

MIN RADIUS: 0.119

MAX RADIUS: 1.477

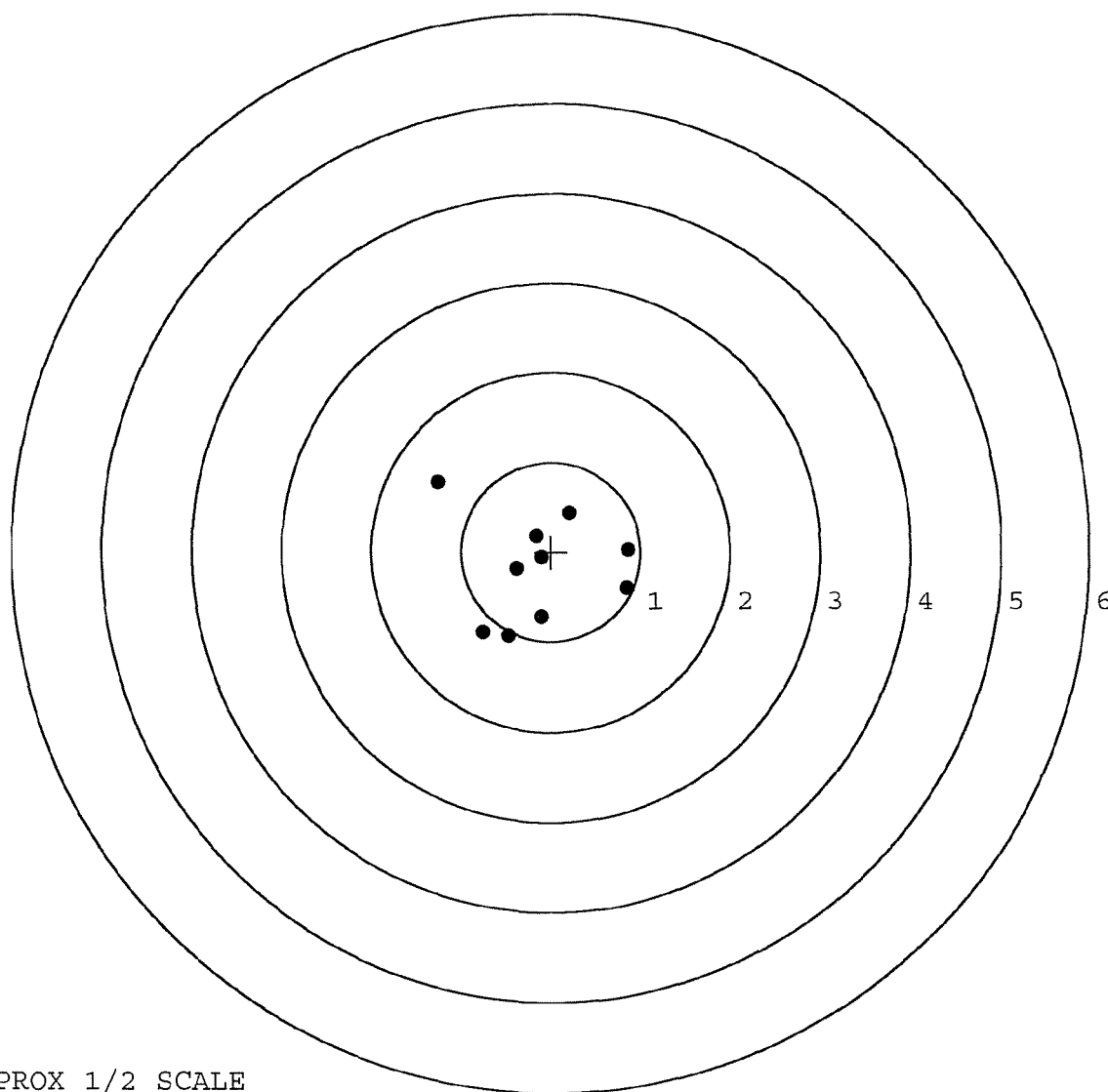
MEAN RADIUS: 0.728

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.846	-0.404
2:	0.866	0.032
3:	0.203	0.434
4:	-0.108	-0.733
5:	-0.475	-0.941
6:	-0.754	-0.902
7:	-0.390	-0.191
8:	-0.109	-0.064
9:	-0.160	0.180
10:	-1.254	0.781



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 4

FILE DATE: 01/07/2005

FILE TIME: 11:32

X CENTROID: -0.019

Y CENTROID: -0.032

POA TO CENTROID: 0.037

HORZ SPREAD: 1.418

VERT SPREAD: 2.408

GROUP SPREAD: 2.562

MIN RADIUS: 0.591

MAX RADIUS: 1.404

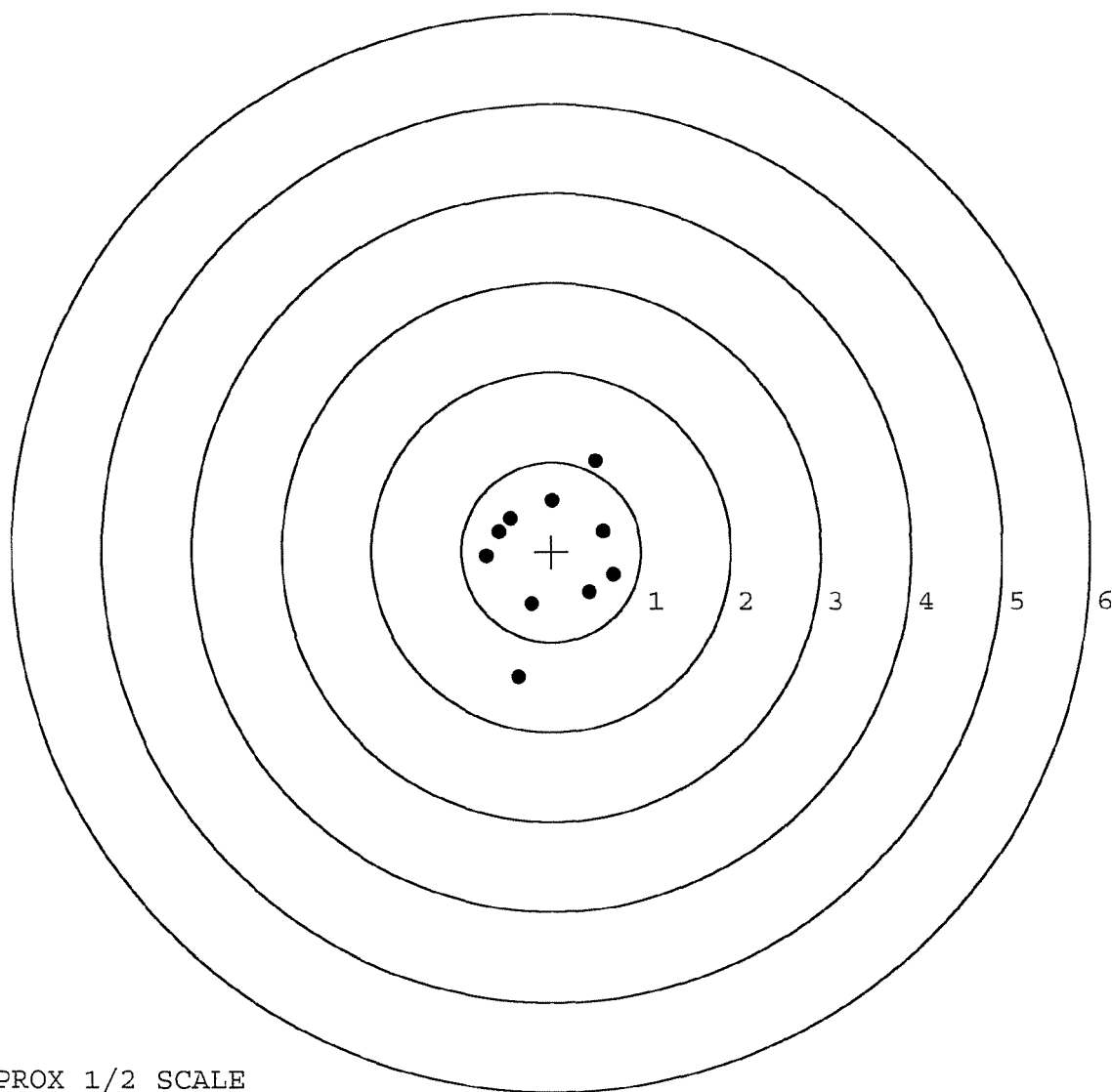
MEAN RADIUS: 0.770

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.693	-0.258
2:	0.423	-0.447
3:	0.579	0.229
4:	0.496	1.019
5:	0.012	0.572
6:	-0.466	0.368
7:	-0.586	0.222
8:	-0.725	-0.052
9:	-0.233	-0.583
10:	-0.380	-1.389



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523383. __0

TARGET NUMBER: 5

FILE DATE: 01/07/2005

FILE TIME: 11:32

X CENTROID: 0.012

Y CENTROID: 0.031

POA TO CENTROID: 0.034

HORZ SPREAD: 1.035

VERT SPREAD: 2.402

GROUP SPREAD: 2.438

MIN RADIUS: 0.322

MAX RADIUS: 1.376

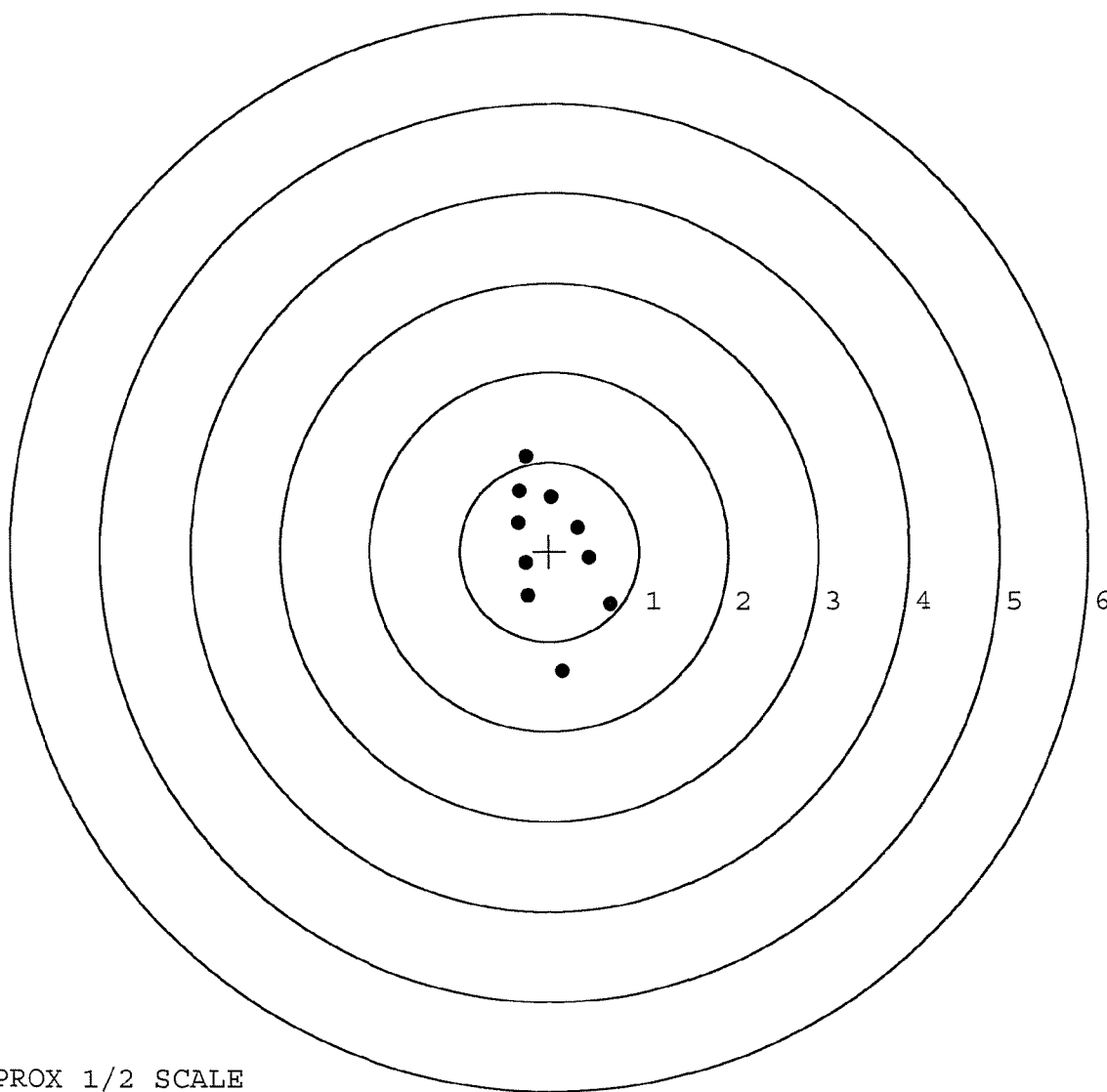
MEAN RADIUS: 0.688

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.681	-0.591
2:	0.146	-1.338
3:	0.446	-0.075
4:	0.307	0.263
5:	-0.244	-0.494
6:	-0.267	-0.129
7:	0.015	0.611
8:	-0.270	1.064
9:	-0.344	0.678
10:	-0.354	0.326



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	89029		
SERIAL NUMBER	C6523383		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-7-04	RTL
560 A	RE-BARREL	12-15-04	RTL
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTL
600	PROOF	12-16-04	RTL
605	CHECK HEADSPACE	12-16-04	RTL
610	DIS-ASSEMBLE GUN	12-27-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-05-05	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-7-05	TRW
655	FINAL INSPECT	1-11-05	AC
660	PACK	3-1-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ N24

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

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

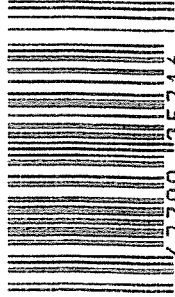
SERIAL NO.
 D6520383

ORDER NO.
 5716



5716 D6520383

LPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523383

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24 90	9-25-90	RW
600	Proof	9 24 90	9-25-90	RW
607	Check Headspace	9 24 90	9-25-90	RW
610	Dis-assemble Gun	9 24 90	9-25-90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KB
615	Rollmark Caliber		9-25-90	KB
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel		9-25-90	WB
620	Apply Coatings (Barrel Action)		10-8-90	TJA
	Apply Coating (Bolt)		10-8-90	TJA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/18/90	JA

op. #	OP. NAME	READINGS			DATE	INIT		
655 nt.	F) Safety On Force	5 1/2	5 1/2	5 1/2	10/18/90	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	10/18/90	WB		
	H) Trigger Pull Test & Retainability				10/18/90	JH		
	I) Firing Pin Indent	.0205	.0205	.0205	10/18/90	WB		
	J) Assemble Stock				10/26/90	RW		
	K) Assemble Swivel Studs				3/20/91	QSS		
	L) Attach Front and Rear Sight Assemblies				10/26/90	RW		
	M) Iron Sight Alignment				10/26/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/26/90	RW		
	O) Attach Scope to Rifle				10/26/90	RW		
	P) Detach & Attach Scope 20 Times				10/26/90	RW		
640	Gallery Target & Test				10-30-90	DH		
	A) Time				10-30-90	DH		
	B) Malfunctions				10-30-90	DH		
	C) Pierced Primers				10-30-90	DH		
	D) Optical Clarity of Scope				10-30-90	DH		
645	Inspect for Live Ammo				10-30-90	DH		
655	Final Inspection							
	A) Headspace				3/20/91	QSS		
	B) Trigger Pull	263	259	260	250	253	3/20/91	QSS
	C) Function						3/20/91	QSS
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06523383

DATE 10/18/90

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.35	2.38	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.40	2.26	2.59	
PULL #3	2.40	2.32	2.43	2.60	
PULL #4	2.37	2.34	2.37	2.50	
PULL #5	2.44	2.40	2.15	2.53	
TOTAL	12.02	11.81	11.59		
AVG.	2.404	2.362	2.318		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.26		
PULL #2	3.27	3.12		
PULL #3	3.27	3.28		
PULL #4	3.24	3.27		
PULL #5	3.26	3.27		
TOTAL	16.27	16.2		
AVG.	3.254	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.29		4.45
PULL #2	4.38	4.15		4.13
PULL #3	4.26	4.43		4.45
PULL #4	4.39	4.19		4.26
PULL #5	4.19	4.44		4.48
TOTAL	21.42	21.5		21.77
AVG.	4.284	4.3		4.354

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523383
30 Oct 1990

CENTROIDAL DISTANCES

0 TO 1	.210609
1 TO 2	.264008
1 TO 3	.273649
1 TO 4	.161003
1 TO 5	.379559

04 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0422
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0188
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0461983

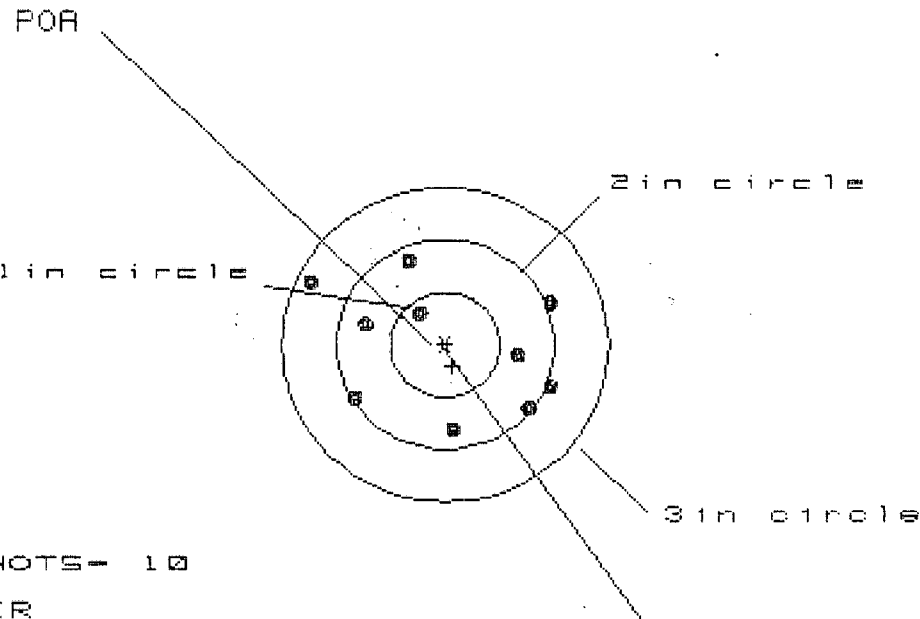
THE AMR FOR THIS RIFLE IS: .8718

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523383

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 2.204

VS= 1.634

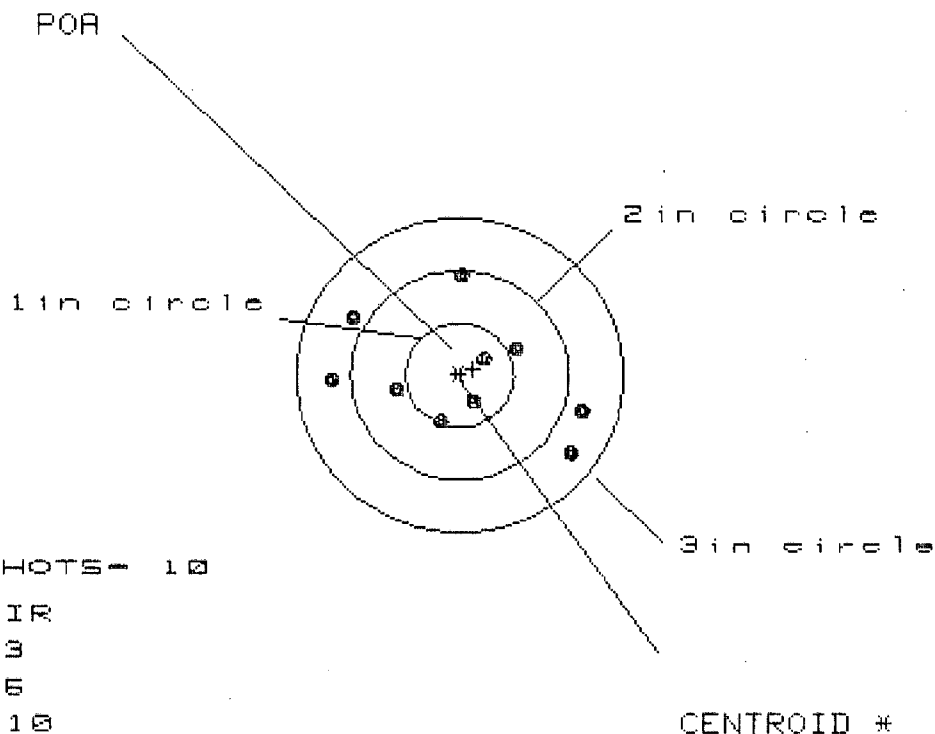
GS= 2.394

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.984	.848	.892
MINIMUM X	-1.220	-1.005	-.899
MAXIMUM Y	.828	.891	.852
MINIMUM Y	-.806	-.743	-.782
CENTROID X	-.066	.070	-.036
CENTROID Y	.200	.137	.176
POA TO CENTROID in.	.211	.154	.179
MIN RADIUS	.363	.504	.401
MEAN RADIUS	.883	.821	.805
MAX RADIUS	1.345	1.077	.995
HORIZONTAL SPREAD	2.204	1.853	1.791
VERTICAL SPREAD	1.634	1.634	1.634
EXTREME SPREAD	2.394	1.964	1.964
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523383

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.328

VS= 1.690

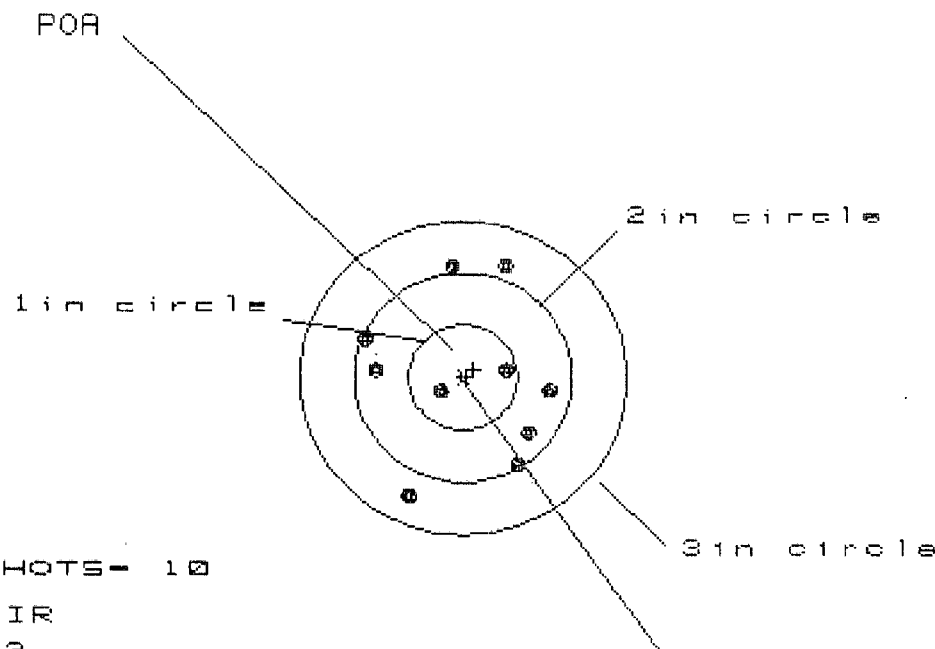
GS= 2.399

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.116	1.231	1.093
MINIMUM X	:	-1.212	-1.097	-.987
MAXIMUM Y	:	.965	.884	.865
MINIMUM Y	:	-.725	-.503	-.522
CENTROID X	:	-.122	-.237	-.100
CENTROID Y	:	-.058	.023	.042
POA TO CENTROID in.	:	.135	.238	.108
MIN RADIUS	:	.266	.379	.241
MEAN RADIUS	:	.792	.746	.681
MAX RADIUS	:	1.263	1.297	1.174
HORIZONTAL SPREAD	:	2.328	2.328	2.000
VERTICAL SPREAD	:	1.690	1.387	1.387
EXTREME SPREAD	:	2.399	2.342	2.278
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65233B3

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.708

VS= 2.167

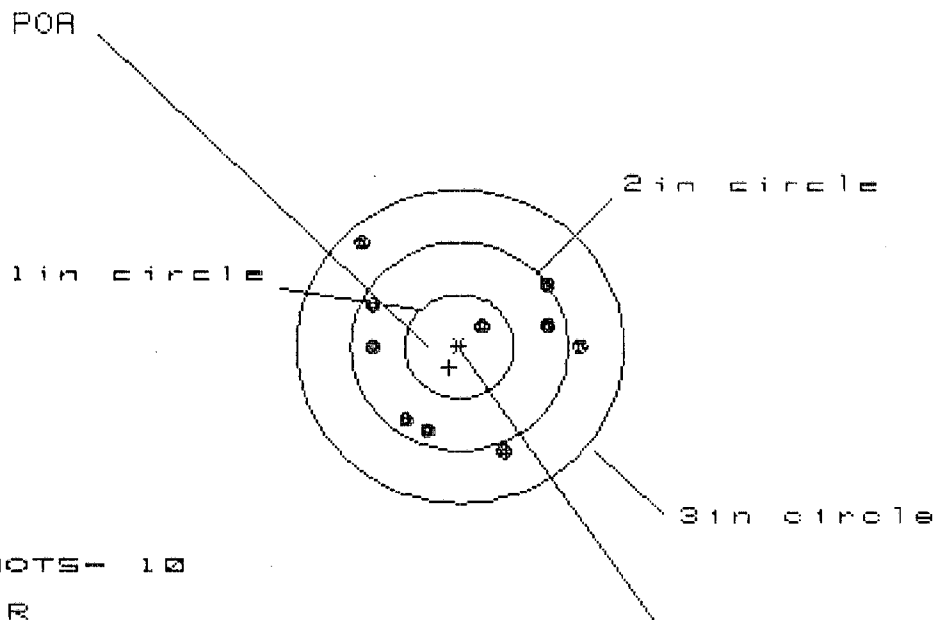
GS= 2.319

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.789	.730	.775
MINIMUM X	:	-.920	-.979	-.934
MAXIMUM Y	:	1.078	.956	1.070
MINIMUM Y	:	-1.090	-.945	-.832
CENTROID X	:	-.096	-.037	-.082
CENTROID Y	:	-.072	.050	-.064
POA TO CENTROID in.	:	.120	.062	.104
MIN RADIUS	:	.262	.371	.278
MEAN RADIUS	:	.839	.795	.759
MAX RADIUS	:	1.212	1.026	1.081
HORIZONTAL SPREAD	:	1.709	1.709	1.709
VERTICAL SPREAD	:	2.167	1.901	1.901
EXTREME SPREAD	:	2.319	1.996	1.996
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

30 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523383

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.970

VS= 1.920

GS= 2.291

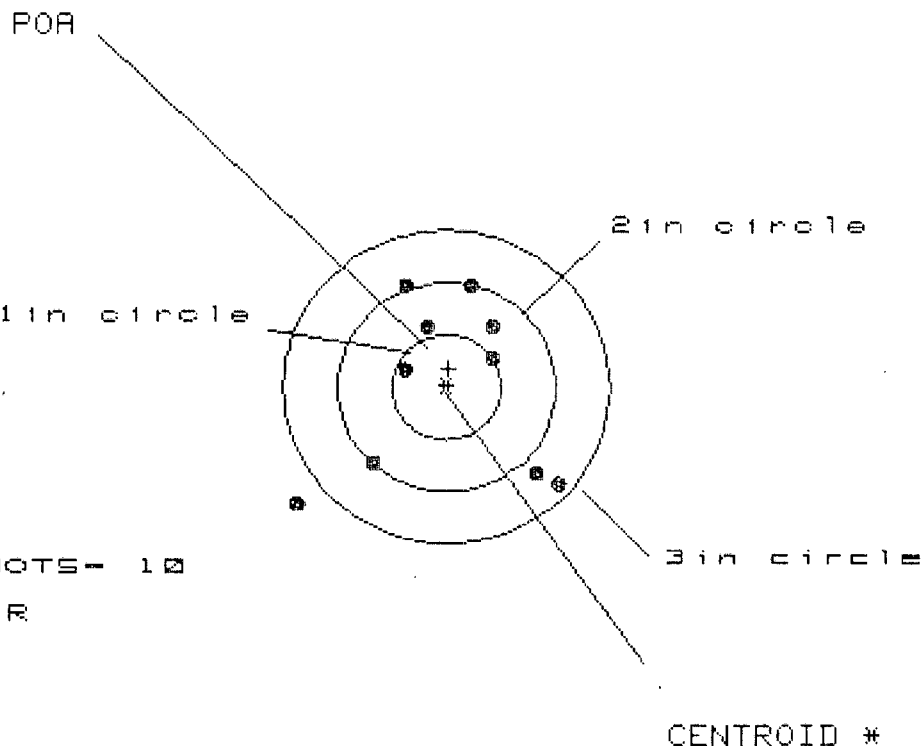
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.091	.993	.860
MINIMUM X	-.879	-.878	-.754
MAXIMUM Y	.950	.751	.767
MINIMUM Y	-.970	-.865	-.849
CENTROID X	.095	.193	.069
CENTROID Y	.201	.096	.080
POA TO CENTROID in.	.223	.216	.105
MIN RADIUS	.295	.351	.412
MEAN RADIUS	.894	.845	.816
MAX RADIUS	1.294	1.052	1.153
HORIZONTAL SPREAD	1.970	1.871	1.614
VERTICAL SPREAD	1.920	1.616	1.616
EXTREME SPREAD	2.291	1.901	1.881
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65233B3

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.395

VS= 2.071

GS= 2.563

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.040	.889	.800
MINIMUM X	-1.355	-.842	-.731
MAXIMUM Y	.972	.849	.722
MINIMUM Y	-1.099	-1.023	-1.065
CENTROID X	-.022	.129	.018
CENTROID Y	-.177	-.054	.073
POA TO CENTROID in.	.178	.140	.076
MIN RADIUS	.394	.289	.380
MEAN RADIUS	.951	.827	.725
MAX RADIUS	1.745	1.355	1.332
HORIZONTAL SPREAD	2.395	1.731	1.531
VERTICAL SPREAD	2.071	1.872	1.787
EXTREME SPREAD	2.563	2.321	2.137
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18713

INITIAL CUSTOMER ORDER NO.

JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN

DATE RECEIVED DATE OPENED DATE CODE

06/14/94 06/15/94

SERIAL NUMBER

C6523383

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62 NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

90-1039

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

CUST NO: 098397 C.O.D.

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

PARTS

COMMENTS

Trigger Assy \$173.31
CTI 50.00
\$223.31

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400027161

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523383

DATE 10-27-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.72	2.74	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.73	2.75	2.70	
PULL #3	2.72	2.73	2.72	
PULL #4	2.71	2.73	2.58	
PULL #5	2.64	2.74	2.70	
TOTAL	13.53	13.69	13.42	
AVG.	2.70	2.73	2.68	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.28		
PULL #2	3.28	3.24		
PULL #3	3.28	3.20		
PULL #4	3.24	3.23		
PULL #5	3.23	3.07		
TOTAL	16.17	16.02		
AVG.	3.23	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.11	4.02	
PULL #2	4.29	4.15	4.04	
PULL #3	4.03	4.27	3.90	
PULL #4	4.15	4.20	3.86	
PULL #5	4.18	4.29	3.88	
TOTAL	20.88	21.02	19.70	
AVG.	4.17	4.20	3.94	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 652 3383

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			12/7	WB
	G) Safety Off Force	3	3	3			12/7	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.22	2.23	2.15	2.21	2.22	12/7	WB
	C) Function							
660	Pack							