

C6522161

MODEL 700TM N24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

Smead[®]

Repair Inquiry

Repair Number: RE00149815

Serial: C6522161 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 8/25/2008 9:51:55 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CAMP ROBERTS MATES

CAMP ROBERTS MATES

Address 1: EAST GARRISON BLDG 25021

EAST GARRISON BLDG 25021

Address 2: ATTN: CW4 KEISTER

PO Box:

ATTN: CW4 KEISTER

PO Box:

City: SAN MIGUEL

SAN MIGUEL

State: CA

Zip Code: 93451

Country: US

State: CA

Zip Code: 93451

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglelj

8/25/2008

10:26 AM

C&PS

NUM

INS

SCPL



10:26 AM

Serial Number: C6522161

Model: M24 SWS



RE00149815

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

R & F NUMBER 149815
SERIAL NUMBER C6522161
LOG-IN DATE 8-25-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE	<i>Clean + Evaluate</i>	9-16-08	LTZ
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
610	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	<u>PASS</u> FAIL	9-20-08	TRW
650	TARGET	<u>PASS</u> FAIL	9-20-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-20-08	RP
670	FINAL INSPECTION		9-23-08	TC
	A) HEADSPACE	<u>PASS</u> FAIL	9-23-08	TC
	4-5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.67 2.62 2.62 2.65 2.65	9-23-08	TC
	2 LBS MIN 10 LBS MAX	2.5 2.5 2.5	9-23-08	TC
690	F) SAFETY ON FORCE	4.5 4 4.5	9-23-08	TC
	2 LBS MAX	.024 .024 .024	9-23-08	TC
	G) SAFETY OFF FORCE			
	I) FIRING PIN INDENT	.020		
690	PACK		9/25/08	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522161.__1
FILE DATE AND TIME: 09/22/2008 06:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

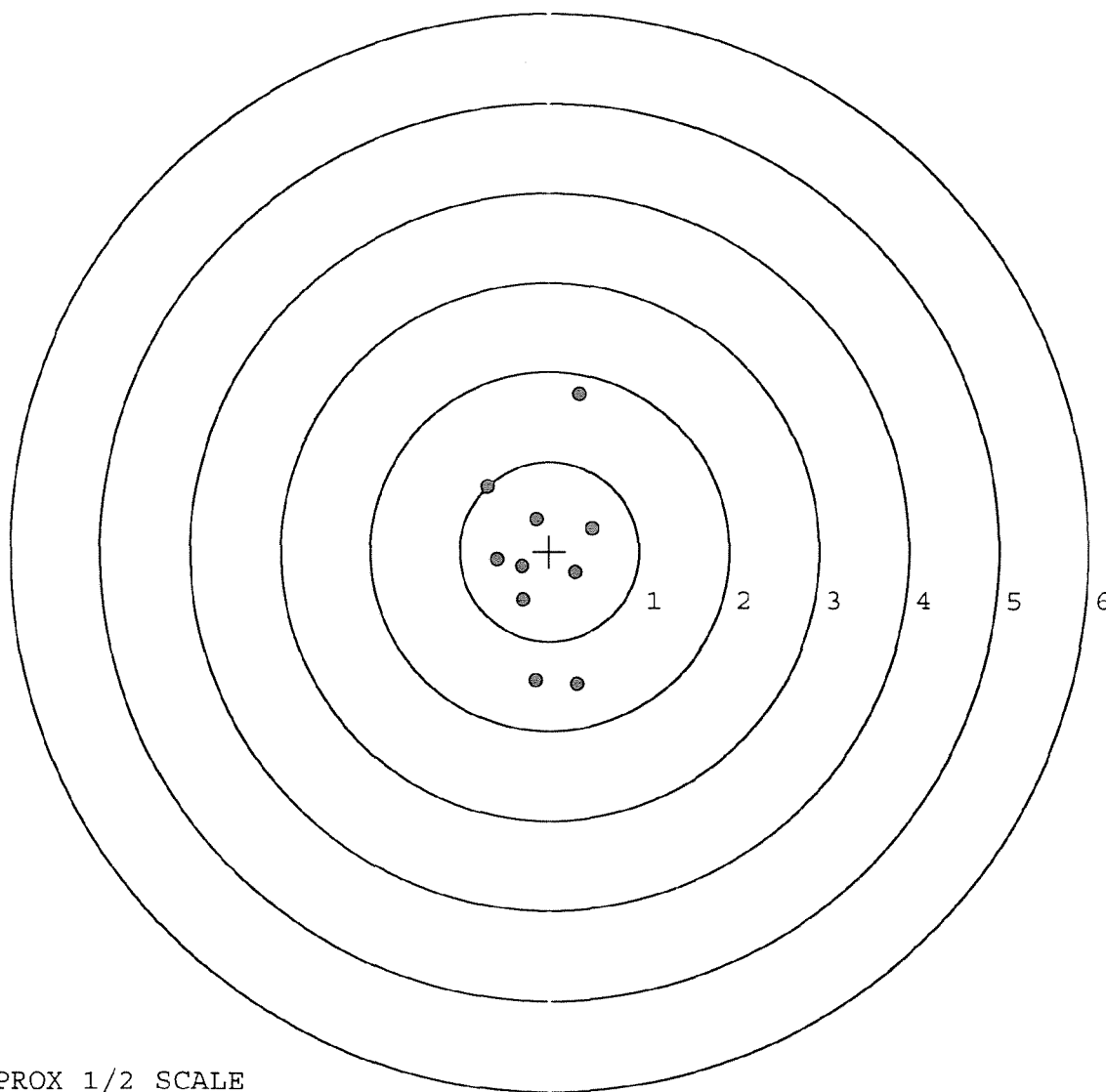
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

AVE MEAN - .9435

SERIAL NUMBER: C6522161. __1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 06:22

POINT#	X	Y
1:	0.313	-1.485
2:	-0.160	-1.446
3:	0.289	-0.236
4:	0.485	0.253
5:	-0.297	-0.541
6:	-0.308	-0.172
7:	-0.589	-0.096
8:	-0.144	0.355
9:	-0.693	0.720
10:	0.344	1.753

X CENTROID: -0.076
Y CENTROID: -0.089
POA TO CENTROID: 0.117
HORZ SPREAD: 1.178
VERT SPREAD: 3.238
GROUP SPREAD: 3.238
MIN RADIUS: 0.246
MAX RADIUS: 1.890
MEAN RADIUS: 0.848
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

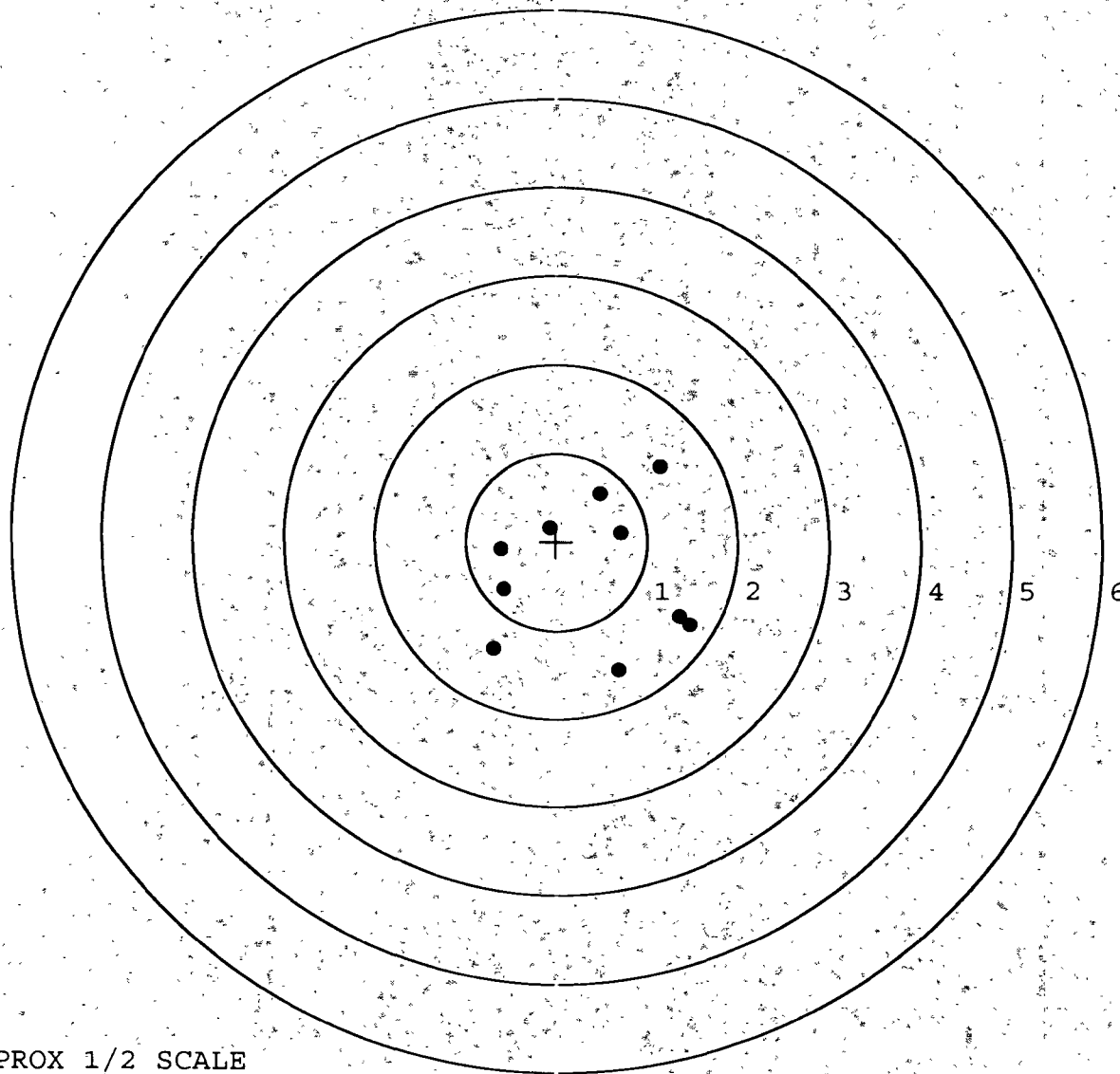


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522161. 1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 06:22

X CENTROID: 0.391
Y CENTROID: -0.338
POA TO CENTROID: 0.517
HORZ SPREAD: 2.166
VERT SPREAD: 2.293
GROUP SPREAD: 2.762
MIN RADIUS: 0.547
MAX RADIUS: 1.410
MEAN RADIUS: 1.039
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.469	-0.927
2:	1.356	-0.834
3:	0.692	-1.440
4:	-0.697	-1.203
5:	-0.582	-0.537
6:	-0.614	-0.088
7:	-0.069	0.155
8:	0.715	0.103
9:	0.492	0.542
10:	1.147	0.853



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00125594

Serial: C6522161 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Status: Closed 2/21/2007 11:58:55 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: A/5/19TH SFG (A)

A/5/19TH SFG (A)

Address 1: 4203 SARATOGA AVE

4203 SARATOGA AVE

Address 2: STE# 115

PO Box:

STE# 115

PO Box:

City: JFTB LOS ALAMITOS

JFTB LOS ALAMITOS

State: CA

Zip Code: 90720

Country: US

State: CA

Zip Code: 90720

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	Qt
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2
R001	DEPLOYMENT KIT	1

Repair Search

Refresh

Close

nagletj

2/21/2007

1:31 PM

C&P3

NUM

INS

SCRL



1:31 PM

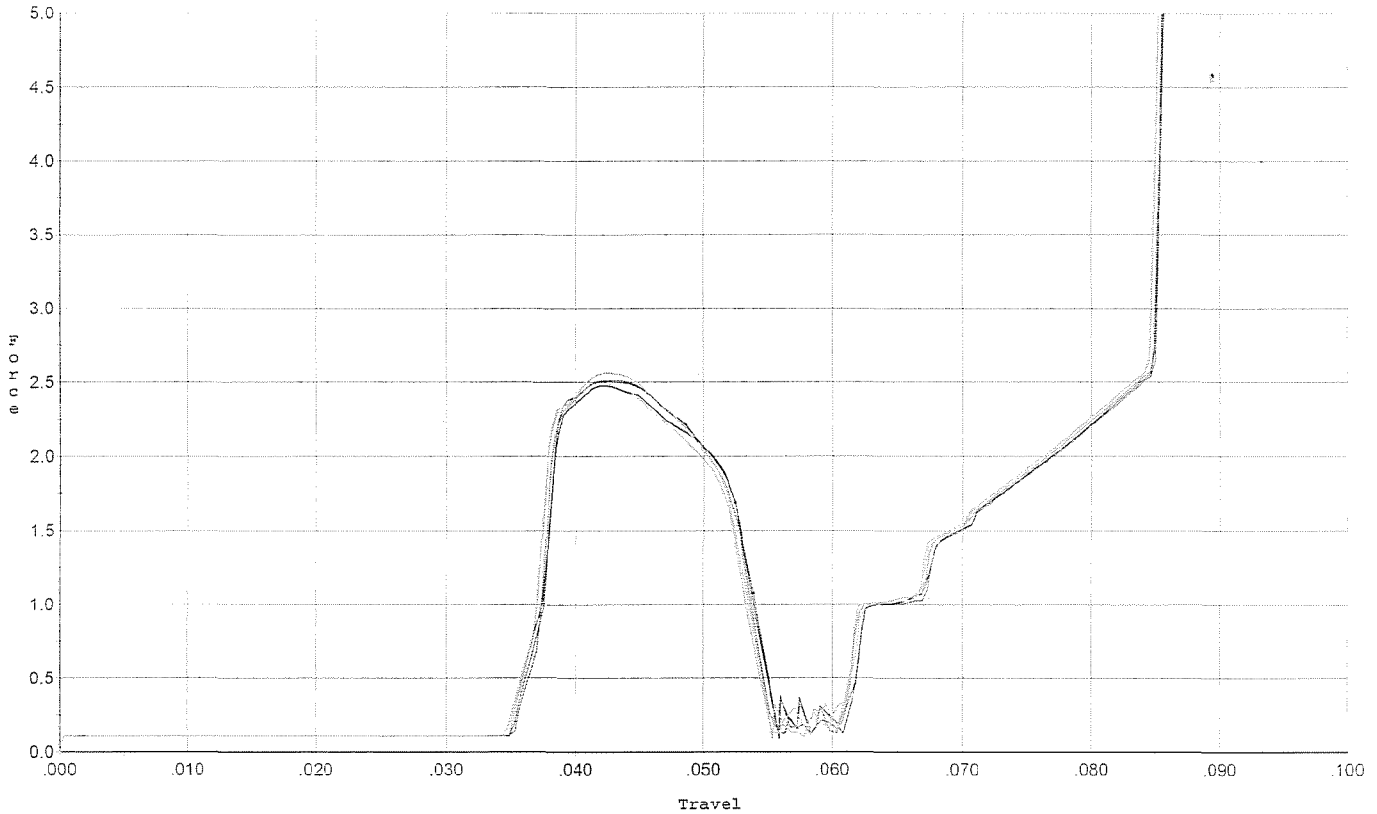
Serial Number: **C6522161**
Model: **M24 SWS**

RE00125594

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 2/21/07

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



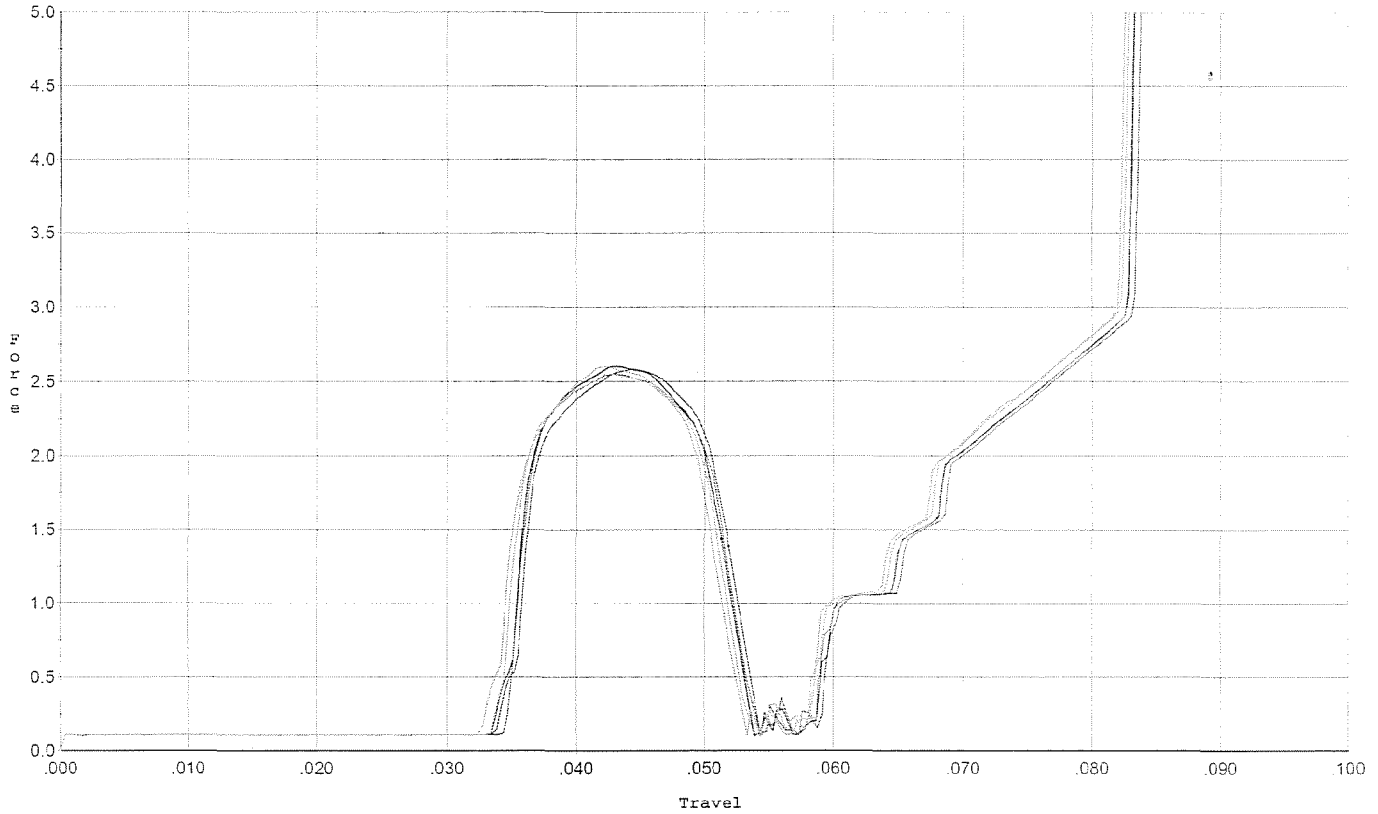
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.504	0.054	0.035	0.038	0.041		Set Trigger
2	2.477	0.052	0.035	0.038	0.039		Set Trigger
3	2.512	0.053	0.036	0.038	0.039		Set Trigger
4	2.496	0.052	0.035	0.038	0.039		Set Trigger
5	2.563	0.053	0.035	0.037	0.041		Set Trigger

Aug 2.51

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 2/21/07

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



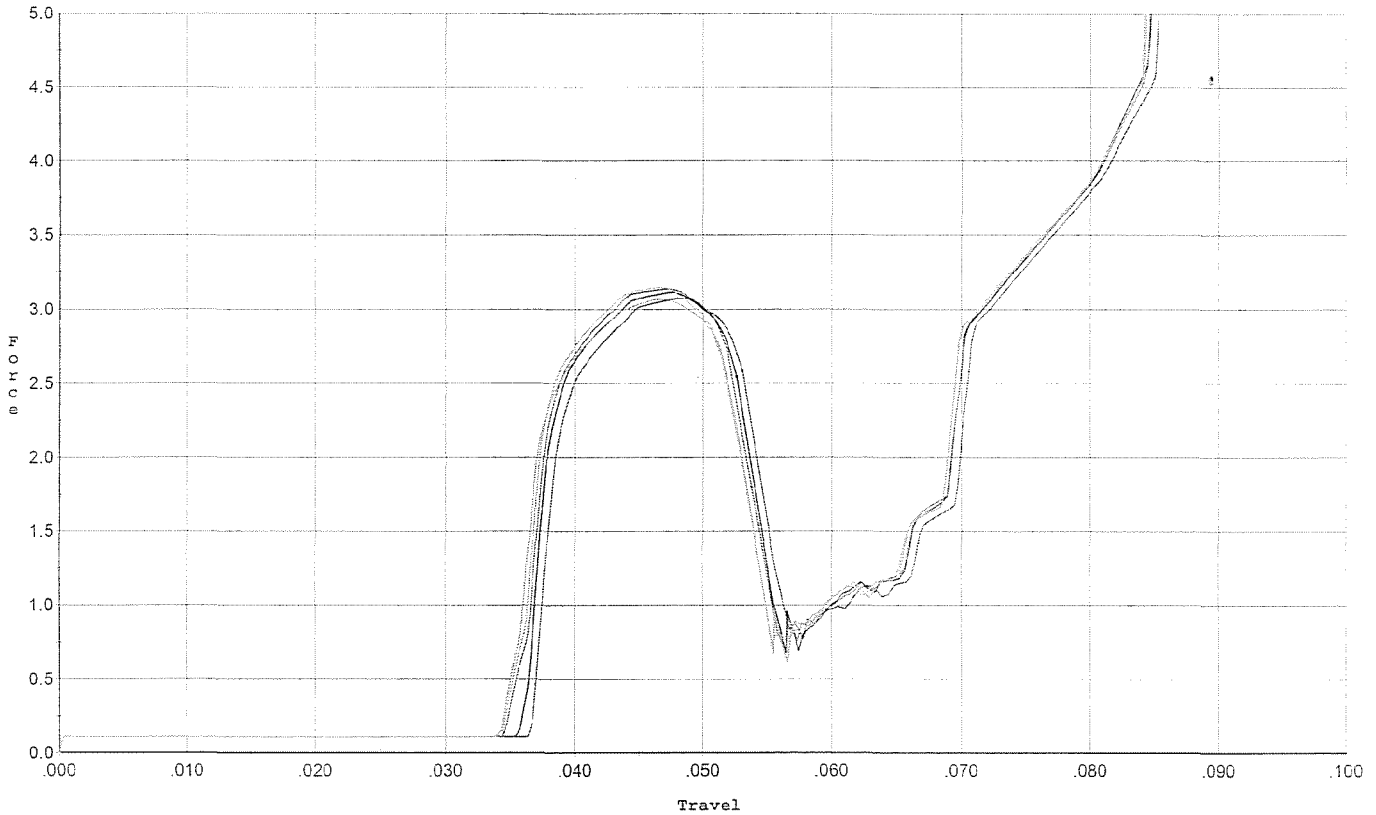
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.582	0.052	0.034	0.037	0.041		Set Trigger
2	2.602	0.051	0.034	0.037	0.041		Set Trigger
3	2.550	0.051	0.035	0.037	0.040		Set Trigger
4	2.551	0.050	0.034	0.036	0.040		Set Trigger
5	2.602	0.050	0.033	0.036	0.040		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



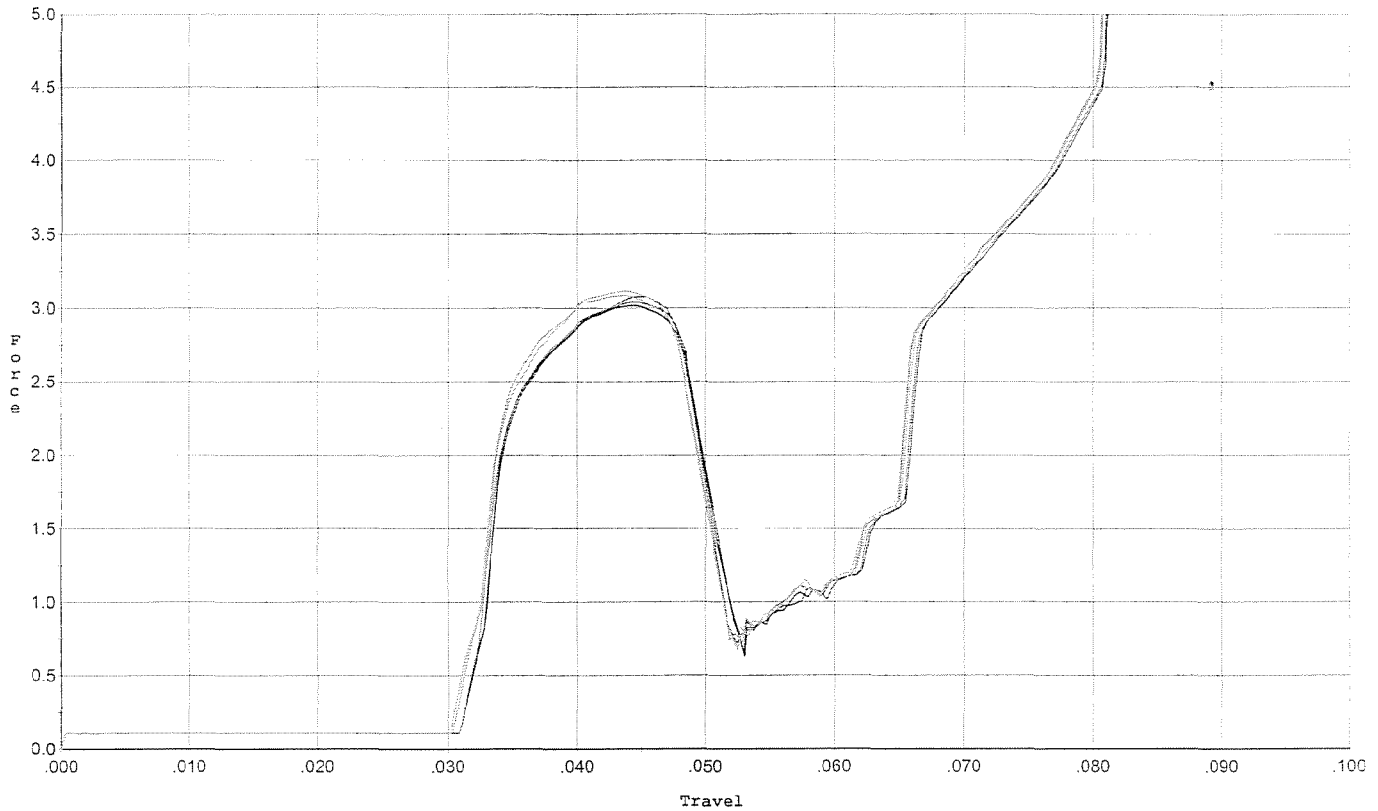
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.073	0.053	0.037	0.037	0.050		Set Trigger
2	3.112	0.053	0.036	0.037	0.050		Set Trigger
3	3.135	0.054	0.035	0.037	0.053		Set Trigger
4	3.146	0.053	0.035	0.036	0.051		Set Trigger
5	3.065	0.053	0.035	0.036	0.051		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



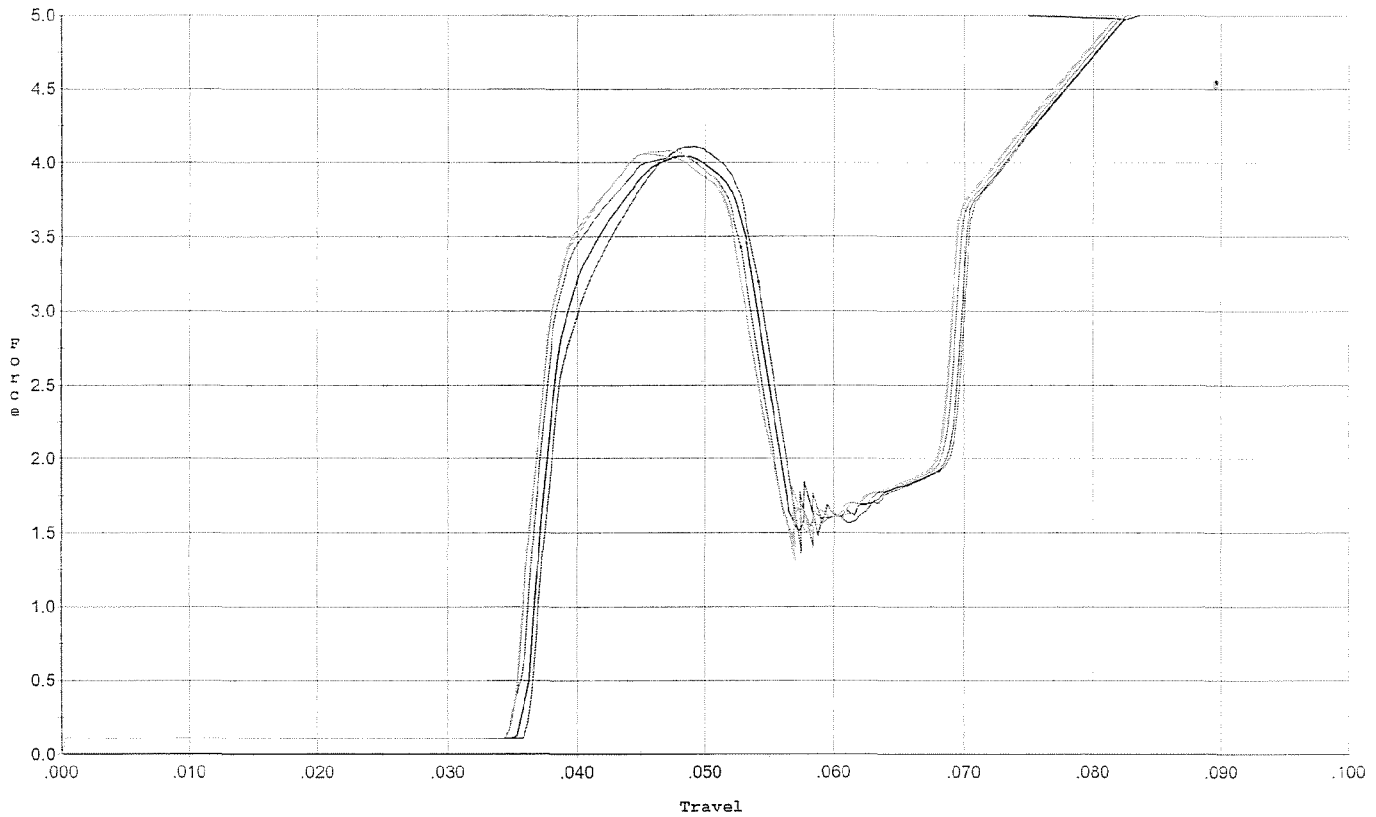
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.045	0.048	0.031	0.035	0.048		Set Trigger
2	3.019	0.048	0.031	0.035	0.048		Set Trigger
3	3.077	0.049	0.031	0.035	0.049		Set Trigger
4	3.114	0.048	0.031	0.035	0.049		Set Trigger
5	3.085	0.050	0.031	0.034	0.051		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 2/21/07

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



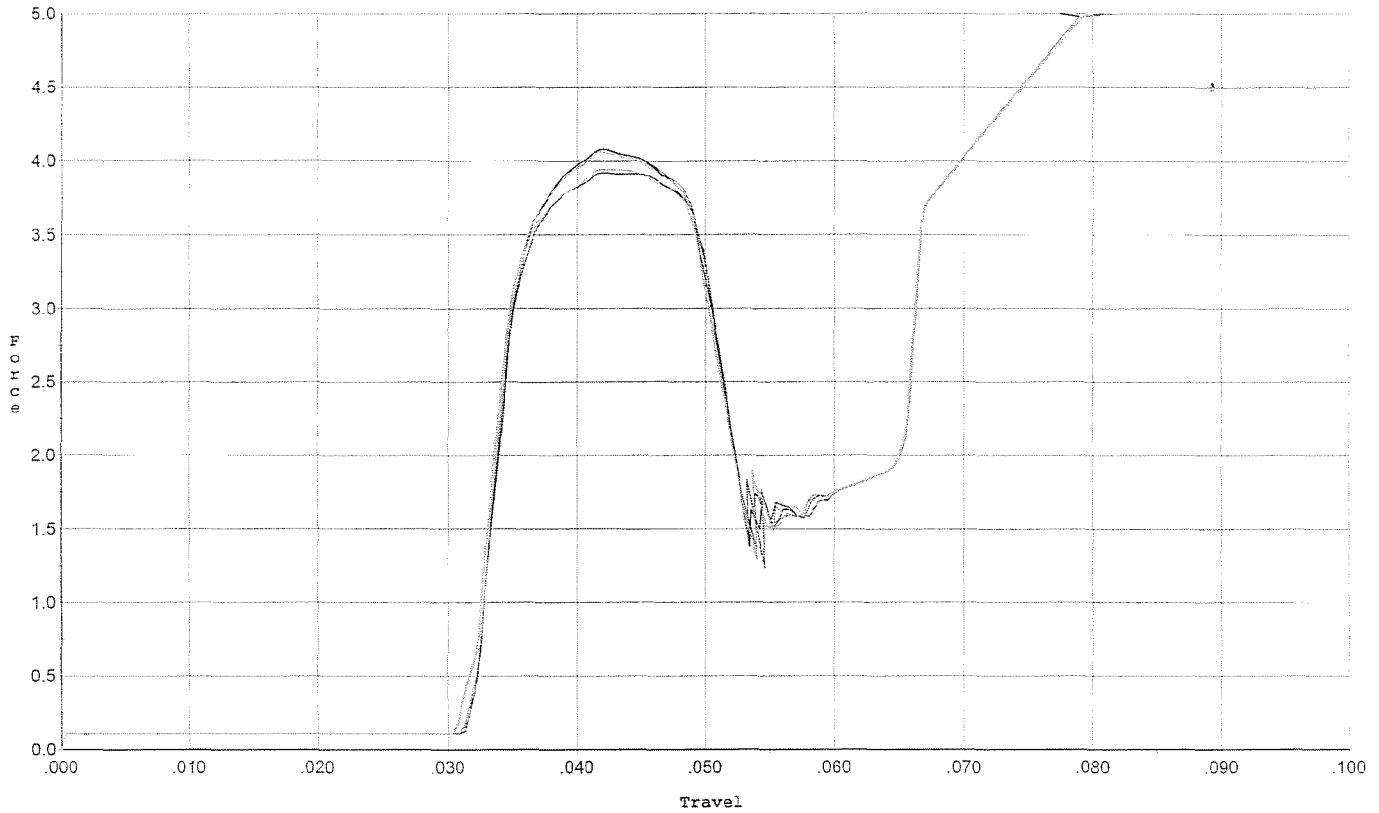
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.107	0.054	0.036	0.035	0.067		Set Trigger
2	4.045	0.053	0.036	0.036	0.066		Set Trigger
3	4.045	0.053	0.035	0.035	0.067		Set Trigger
4	4.077	0.052	0.035	0.035	0.066		Set Trigger
5	4.059	0.052	0.035	0.035	0.066		Set Trigger

Avg 4.06

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



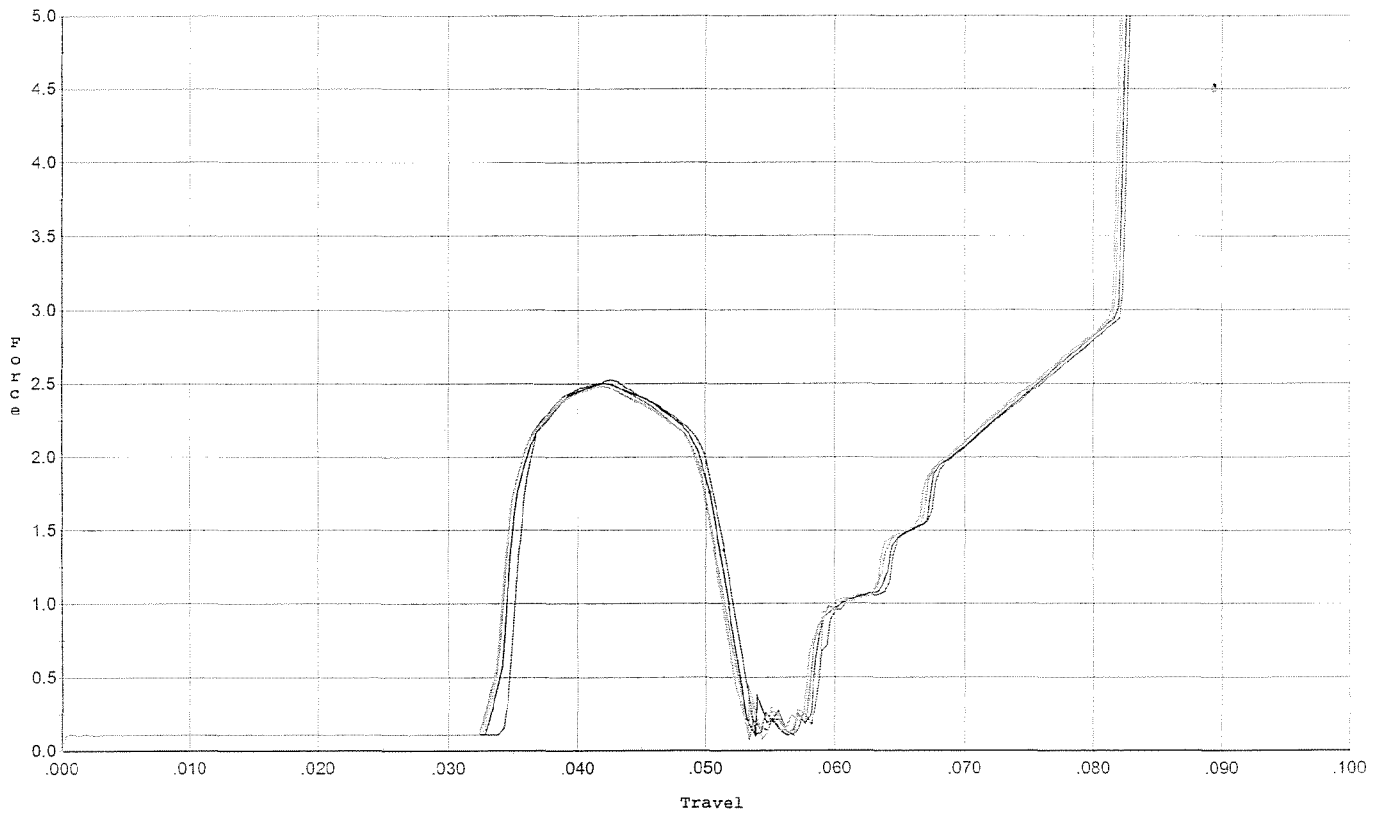
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.918	0.050	0.032	0.033	0.067		Set Trigger
2	4.080	0.050	0.032	0.033	0.069		Set Trigger
3	4.080	0.050	0.032	0.033	0.068		Set Trigger
4	4.064	0.049	0.031	0.033	0.067		Set Trigger
5	3.943	0.049	0.031	0.034	0.066		Set Trigger

Avg 4.01

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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



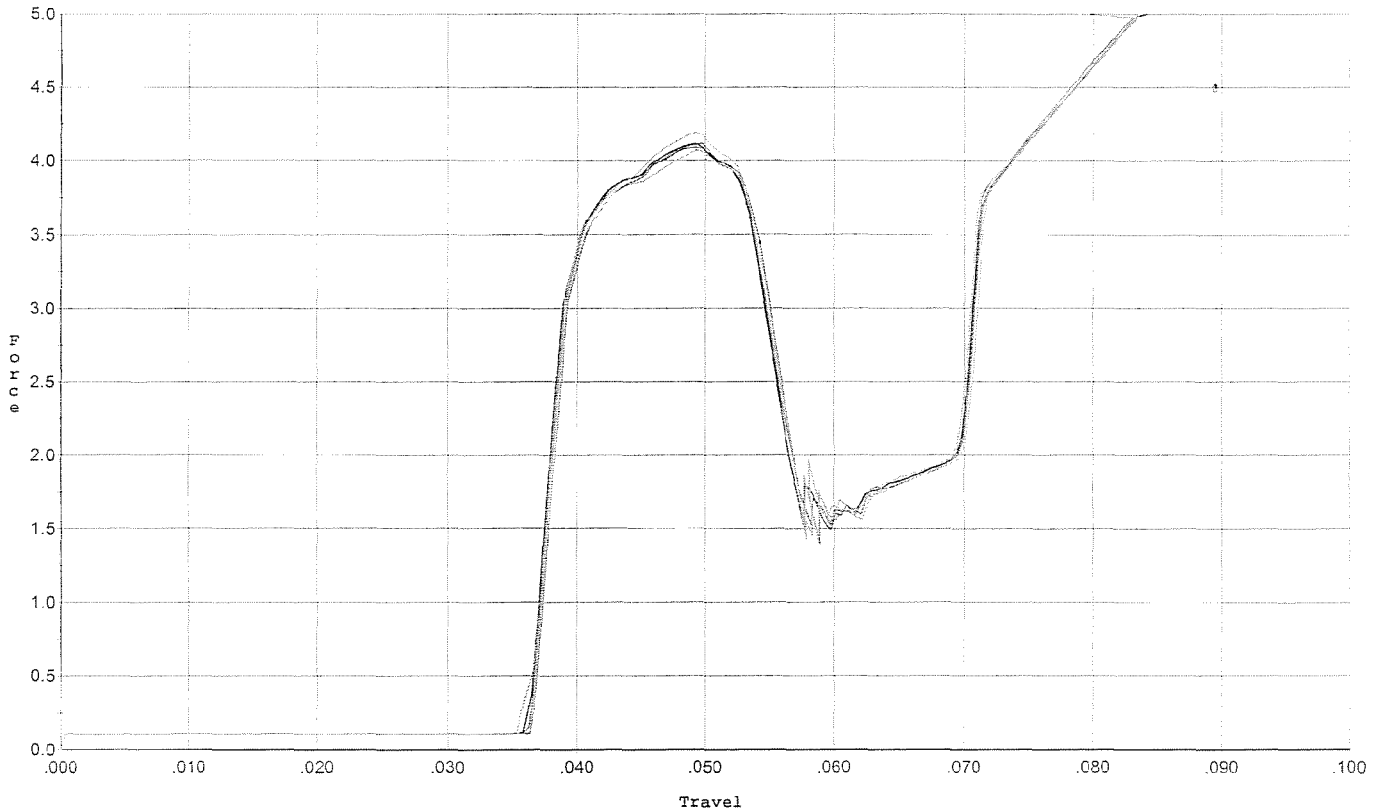
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.526	0.051	0.035	0.036	0.041		Set Trigger
2	2.500	0.050	0.033	0.036	0.041		Set Trigger
3	2.505	0.050	0.033	0.036	0.040		Set Trigger
4	2.481	0.050	0.033	0.036	0.040		Set Trigger
5	2.490	0.050	0.033	0.036	0.040		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 2/21/07

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	0.053	0.037	0.036	0.068		Set Trigger
2	4.115	0.053	0.036	0.036	0.068		Set Trigger
3	4.118	0.054	0.037	0.036	0.069		Set Trigger
4	4.072	0.055	0.037	0.036	0.069		Set Trigger
5	4.188	0.055	0.036	0.035	0.072		Set Trigger

Avg 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522161.___0
FILE DATE AND TIME: 03/12/2007 22:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.059
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.098
The Distance from Centroid Target #2 to Centroid Target #1:	0.174
The Distance from Centroid Target #3 to Centroid Target #1:	0.135
The Distance from Centroid Target #4 to Centroid Target #1:	0.038
The Distance from Centroid Target #5 to Centroid Target #1:	0.280

SERIAL NUMBER: C6522161. __ 0

TARGET NUMBER: 1

FILE DATE: 03/12/2007

FILE TIME: 22:35

POINT#	X	Y
1:	-0.482	0.348
2:	-0.116	0.241
3:	0.020	0.919
4:	-0.500	-0.410
5:	0.225	0.225
6:	0.332	0.007
7:	0.312	-0.247
8:	0.444	-0.222
9:	0.704	-0.332
10:	0.018	-0.717

X CENTROID: 0.096

Y CENTROID: -0.019

POA TO CENTROID: 0.098

HORZ SPREAD: 1.204

VERT SPREAD: 1.636

GROUP SPREAD: 1.636

MIN RADIUS: 0.238

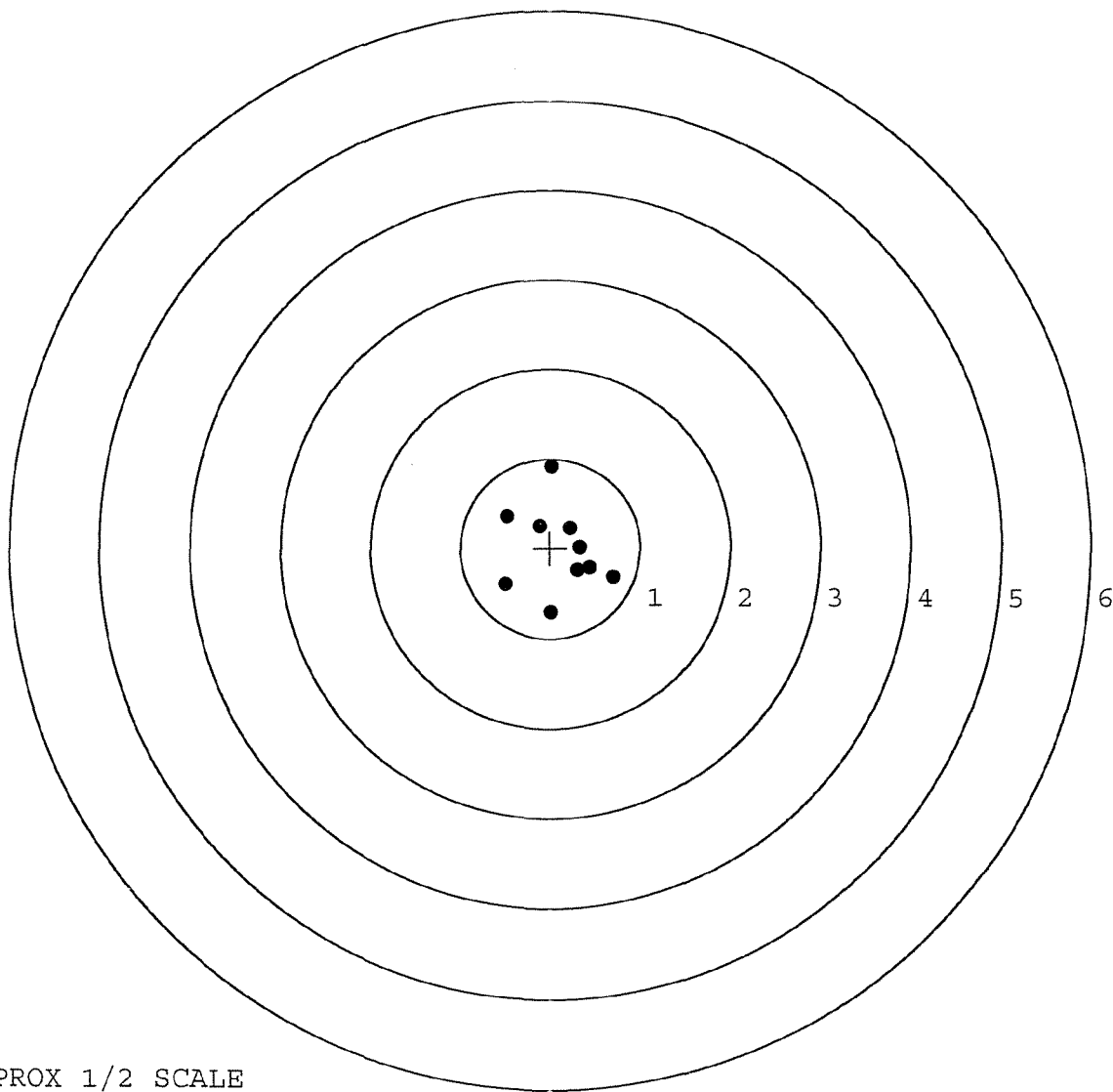
MAX RADIUS: 0.941

MEAN RADIUS: 0.529

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522161. __0

TARGET NUMBER: 2

FILE DATE: 03/12/2007

FILE TIME: 22:35

POINT#	X	Y
1:	-0.819	0.008
2:	0.472	-0.279
3:	0.096	-0.371
4:	-0.052	-0.217
5:	-0.357	-0.020
6:	-0.309	0.332
7:	-0.063	0.467
8:	0.122	0.381
9:	0.319	0.130
10:	-0.035	0.096

X CENTROID: -0.063

Y CENTROID: 0.053

POA TO CENTROID: 0.082

HORZ SPREAD: 1.291

VERT SPREAD: 0.838

GROUP SPREAD: 1.323

MIN RADIUS: 0.051

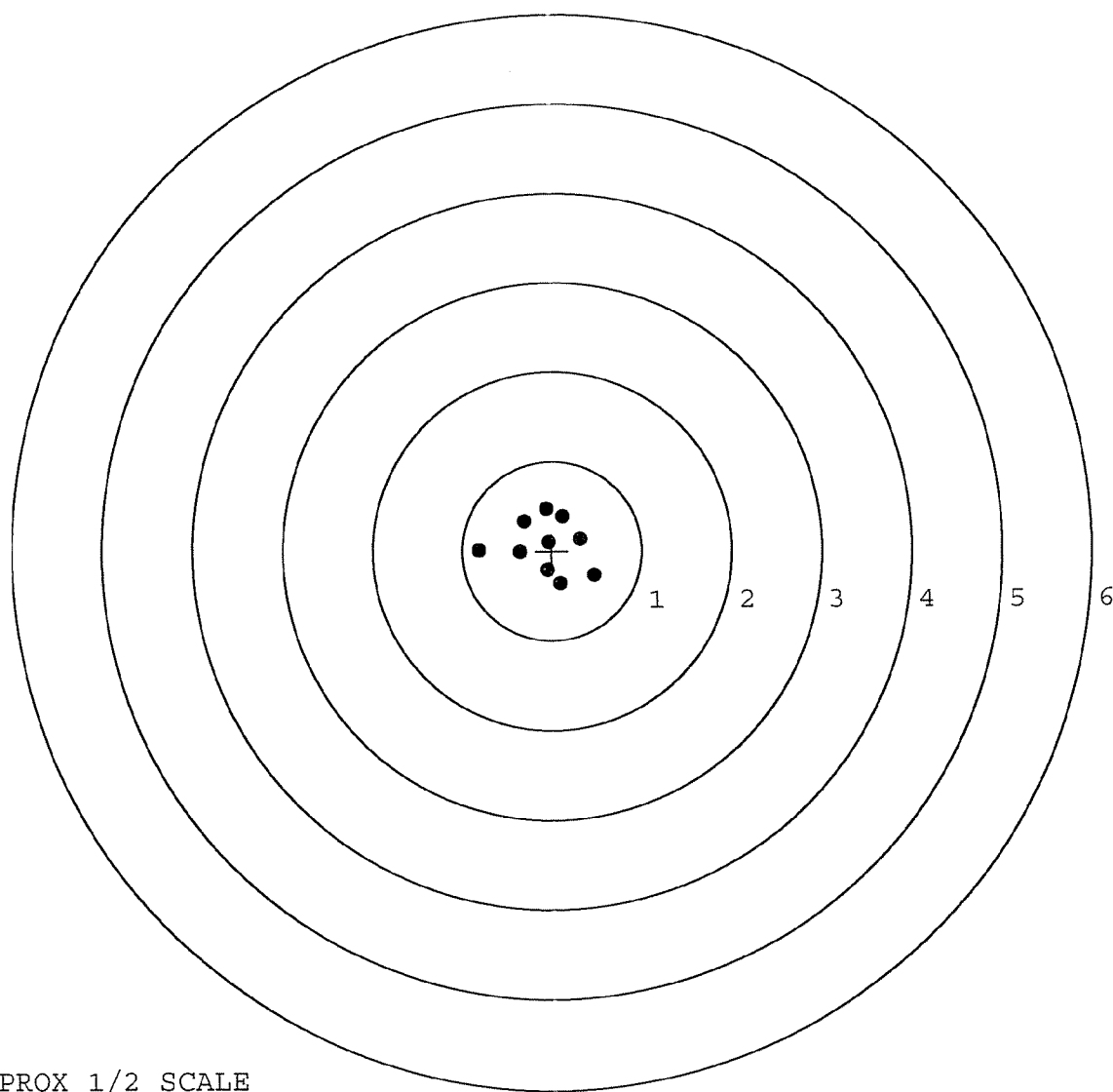
MAX RADIUS: 0.758

MEAN RADIUS: 0.402

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522161. __0

TARGET NUMBER: 3

FILE DATE: 03/12/2007

FILE TIME: 22:35

POINT#	X	Y
1:	-0.354	0.193
2:	-0.160	0.097
3:	-0.260	-0.114
4:	-0.563	0.004
5:	-0.590	-0.410
6:	0.461	0.040
7:	0.605	0.063
8:	0.699	0.075
9:	0.405	-0.211
10:	-0.640	0.081

X CENTROID: -0.040

Y CENTROID: -0.018

POA TO CENTROID: 0.044

HORZ SPREAD: 1.339

VERT SPREAD: 0.603

GROUP SPREAD: 1.377

MIN RADIUS: 0.167

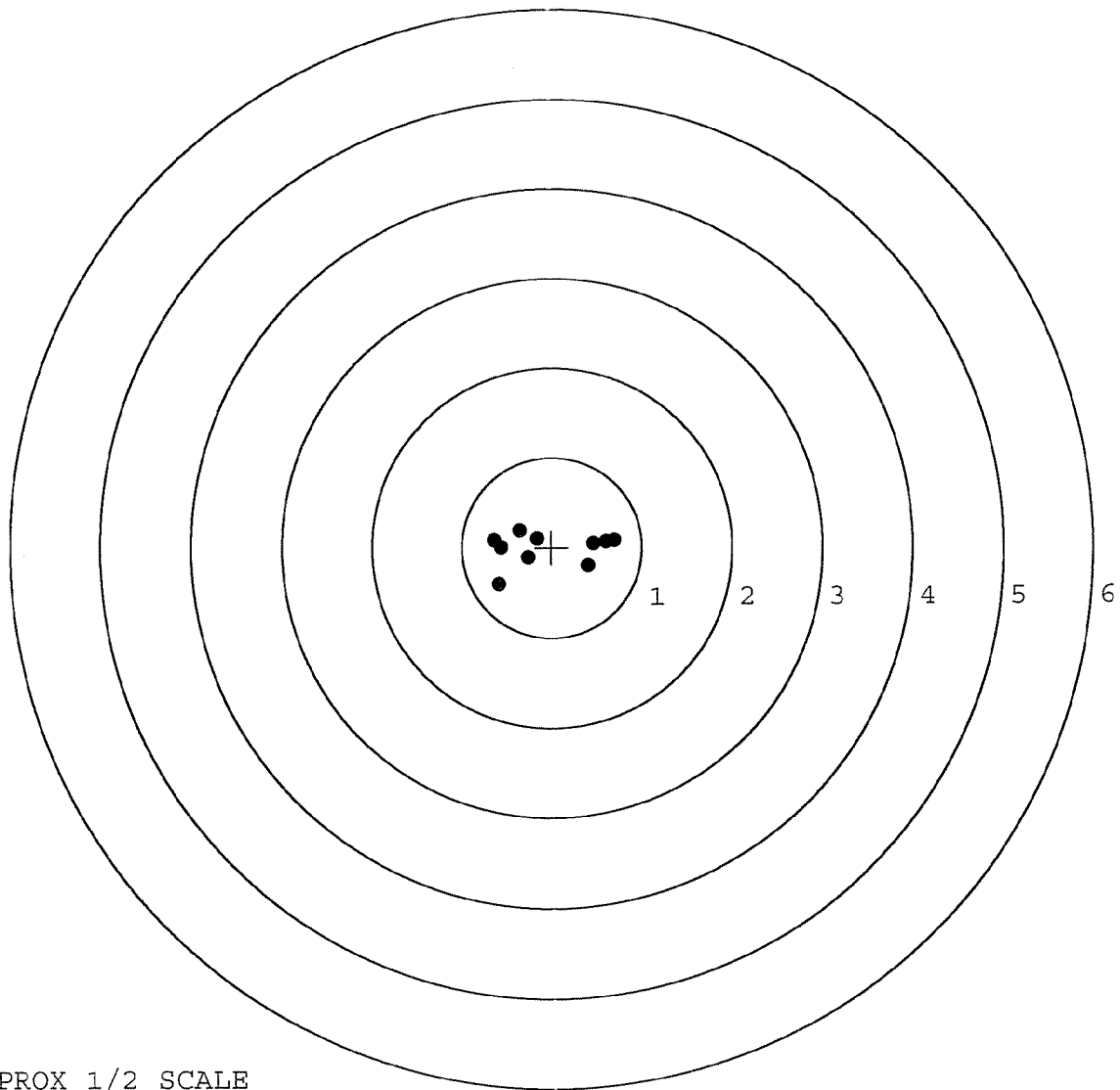
MAX RADIUS: 0.745

MEAN RADIUS: 0.498

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522161. __ 0

TARGET NUMBER: 4

FILE DATE: 03/12/2007

FILE TIME: 22:35

POINT#	X	Y
--------	---	---

1:	-0.256	0.691
----	--------	-------

2:	0.317	0.743
----	-------	-------

3:	0.872	0.693
----	-------	-------

4:	0.483	0.284
----	-------	-------

5:	0.119	0.265
----	-------	-------

6:	-0.636	-0.149
----	--------	--------

7:	-0.992	-0.734
----	--------	--------

8:	-0.314	-0.521
----	--------	--------

9:	0.394	-0.446
----	-------	--------

10:	0.673	-0.772
-----	-------	--------

X CENTROID: 0.066

Y CENTROID: 0.005

POA TO CENTROID: 0.066

HORZ SPREAD: 1.864

VERT SPREAD: 1.515

GROUP SPREAD: 2.348

MIN RADIUS: 0.265

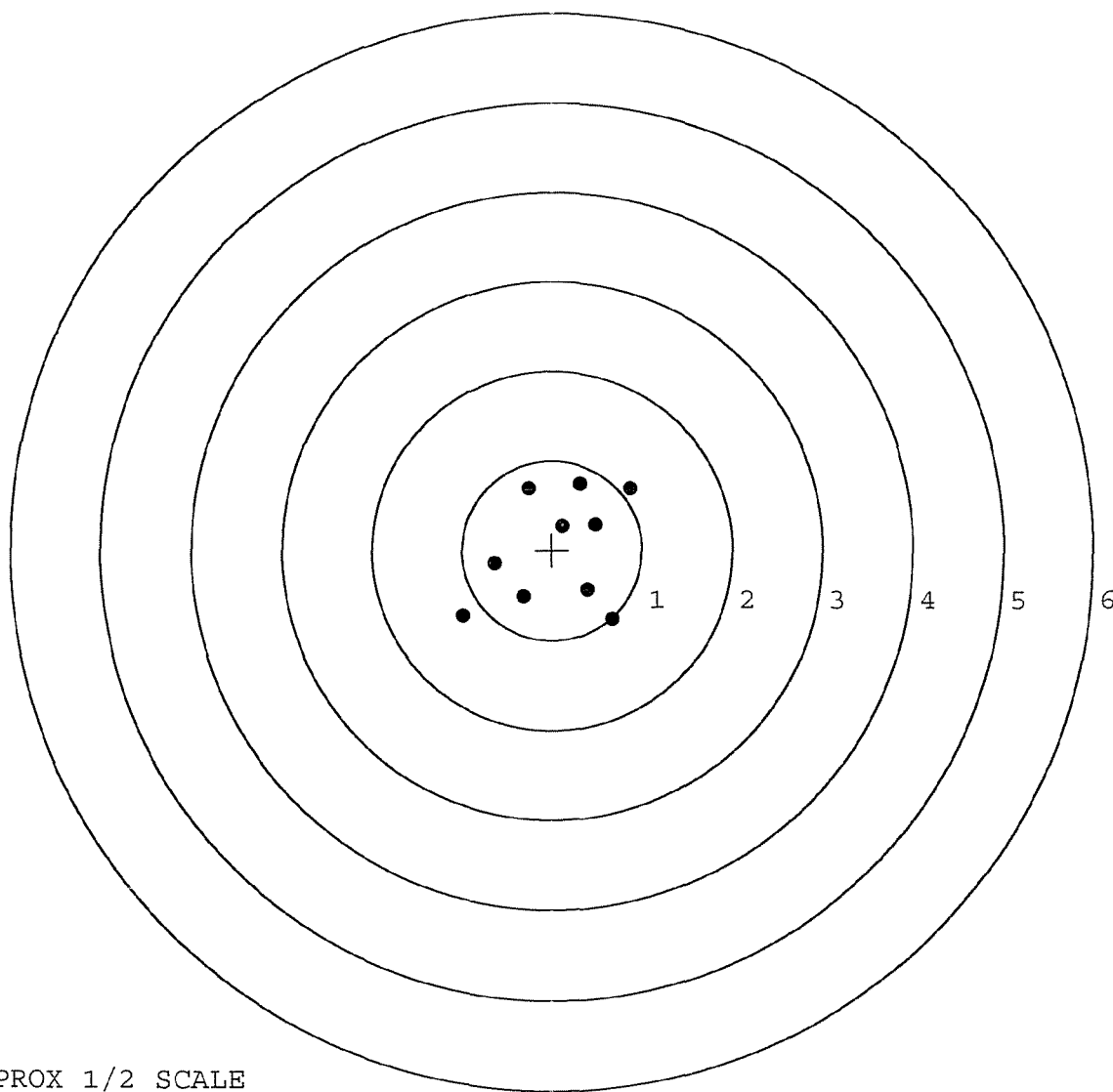
MAX RADIUS: 1.291

MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522161. __0

TARGET NUMBER: 5

FILE DATE: 03/12/2007

FILE TIME: 22:35

POINT#	X	Y
1:	-0.530	0.158
2:	-0.421	-0.427
3:	-0.063	0.211
4:	-0.099	-0.138
5:	0.249	-0.038
6:	0.538	0.363
7:	0.687	0.097
8:	0.350	-1.165
9:	1.676	-1.708
10:	-0.032	0.033

X CENTROID: 0.236

Y CENTROID: -0.261

POA TO CENTROID: 0.352

HORZ SPREAD: 2.206

VERT SPREAD: 2.071

GROUP SPREAD: 2.889

MIN RADIUS: 0.224

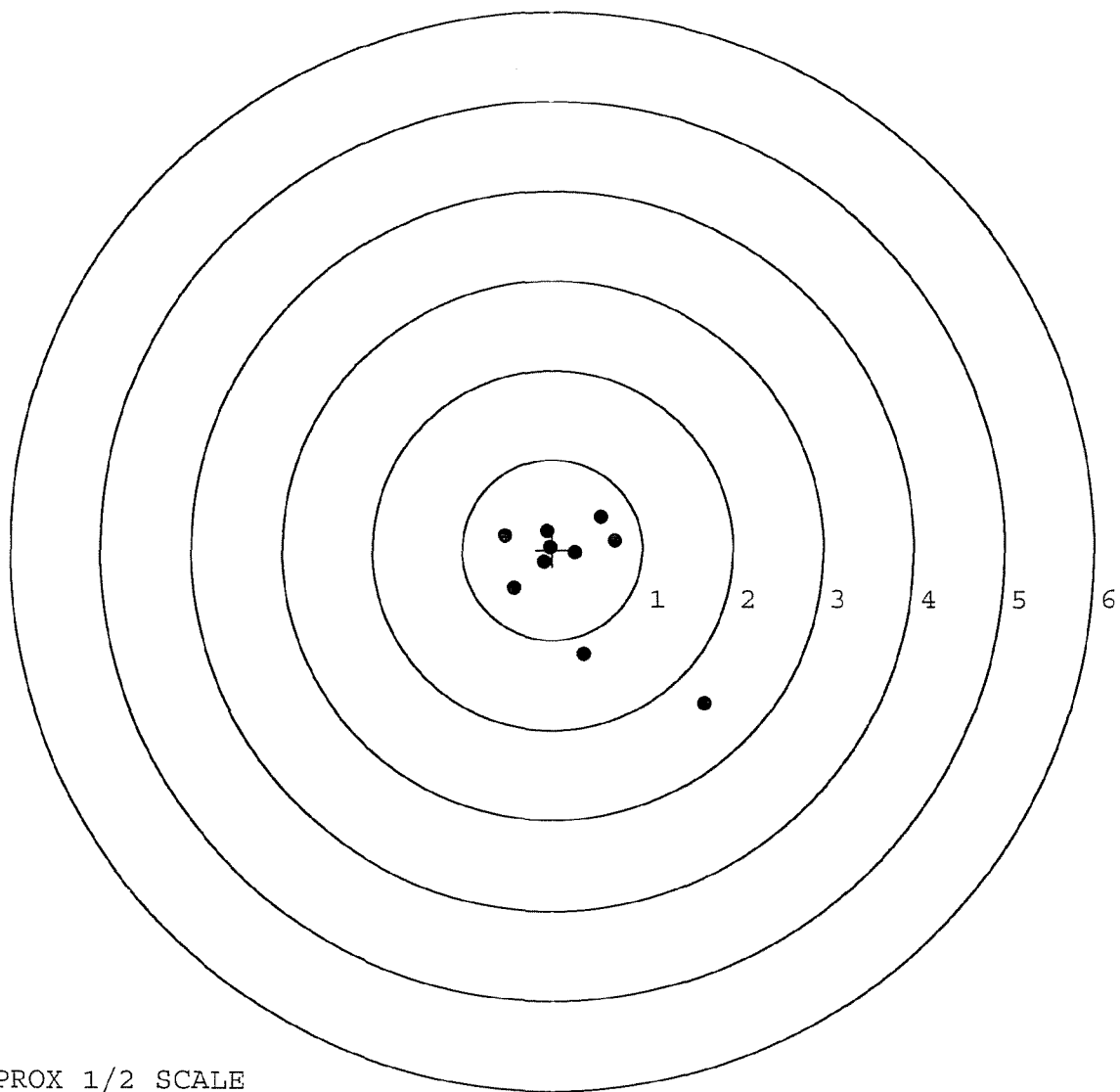
MAX RADIUS: 2.041

MEAN RADIUS: 0.731

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	125594		
SERIAL NUMBER	C6522161		
LOG-IN DATE	2-21-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-22-07	RTZ
505	RE-BARREL	2-23-07	RTZ
560	ASSEMBLE	2-23-07	RTZ
600	PROOF	2-27-07	TRW
605	CHECK HEADSPACE	INSPECTED	2-27-07 TRW
610	DIS-ASSEMBLE GUN	MAR 02 2007	2-27-07 TRW
612	MAGNAFLUX	OPERATOR APD	2-2-07 APD
510	DRILL AND TAP		3-1-07 TRW
615	ROLLMARK CALIBER		3-1-07 CW
618	ROTO-BLAST		3-5-07 CB
620	APPLY COATINGS		3-8-07 WJ
625	FINAL ASSEMBLY		3-12-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	3-12-07 nom
650	TARGET	(PASS) FAIL	3-12-07 nom
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		3-13-07 nom
	A) HEADSPACE	(PASS) FAIL	3-13-07 nom
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.43 2.44 2.46 2.47 2.40 3-13-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.2 6.2 6.2 3-13-07 DA
	G) SAFETY OFF FORCE	2 LBS MAX	3.2 3.2 3.2 3-13-07 DA
	I) FIRING PIN INDENT	.020	.023 .024 .024 3-13-07 DA
690	PACK		3-15-07 DA

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

MODEL 700TM H24

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

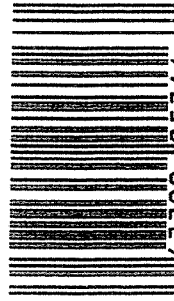
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6522161	ORDER NO. 5716
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5716 C6522161

LPC



0 47700 25716 7

CAL 70C

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522161

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		8/22/90	KCA
	Magnaflux Bolt		8/22/90	KCA
615	Rollmark Caliber		8/22/90	GB
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8/23/90	FB
	Apply Coating (Bolt)		8/23/90	FB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/31/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	RW
	C) Inspect Ejector Hole for Chamfer		8/31/90	RW
	D) Oil Firing Pin Ass'y		8/31/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/13/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	4 1/2	4 1/2	4 1/2			9/13/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/13/90	WB
	H) Trigger Pull Test & Retainability						9/13/90	WB
	I) Firing Pin Indent	.0225	.0225	.0225			9/13/90	WB
	J) Assemble Stock						9/13/90	RW
	K) Assemble Swivel Studs						9/15/90	JS
	L) Attach Front and Rear Sight Assemblies						9/13/90	RW
	M) Iron Sight Alignment						9/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/13/90	RW
	O) Attach Scope to Rifle						9/13/90	RW
	P) Detach & Attach Scope 20 Times						9/13/90	RW
640	Gallery Target & Test						9-13-90	AC
	A) Time						9-13-90	AC
	B) Malfunctions						9-13-90	AC
	C) Pierced Primers						9-13-90	AC
	D) Optical Clarity of Scope						9-13-90	AC
645	Inspect for Live Ammo						9-13-90	AC
655	Final Inspection							
	A) Headspace						9/15/90	JS
	B) Trigger Pull	2.40	2.27	2.35	2.26	2.16	9-15-90	JS
	C) Function						9/15/90	JS
660	Pack						9/19/90	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522161
DATE 9/12/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.25	2.44	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.38	2.41	2.27	
PULL #3	2.24	2.33	2.33	2.35	
PULL #4	2.50	2.20	2.38	2.26	
PULL #5	2.42	2.34	2.34	2.16	
TOTAL	12.03	11.50	11.90	11.44	
AVG.	2.41	2.30	2.38	2.288	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.02		
PULL #2	2.95	3.00		
PULL #3	3.02	2.90		
PULL #4	2.97	2.95		
PULL #5	3.01	2.93		
TOTAL	15.03	14.80		
AVG.	3.01	2.96		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.05		4.28
PULL #2	4.15	4.01		4.27
PULL #3	4.15	4.04		4.21
PULL #4	4.15	4.13		4.28
PULL #5	4.12	4.11		4.28
TOTAL	20.63	20.34		21.32
AVG.	4.12	4.07		4.26

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522161
13 Sep 1990

CENTROIDAL DISTANCES

0	TO	1	.508272
1	TO	2	.601101
1	TO	3	.512182
1	TO	4	.730751
1	TO	5	.793394

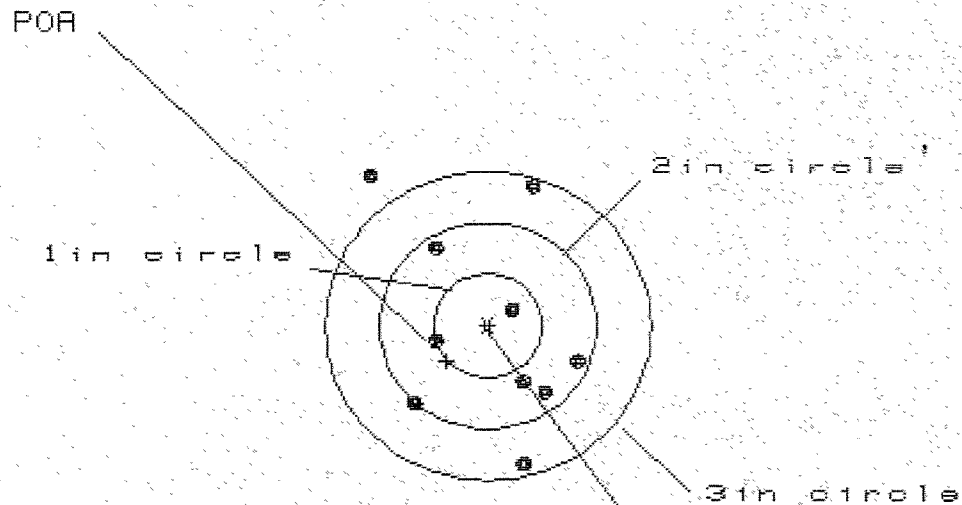
14 1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.03
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0162
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0340946
THE AMR FOR THIS RIFLE IS: .9508

13 Sep 1998

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CENTERFIRE PATTERNS # 1



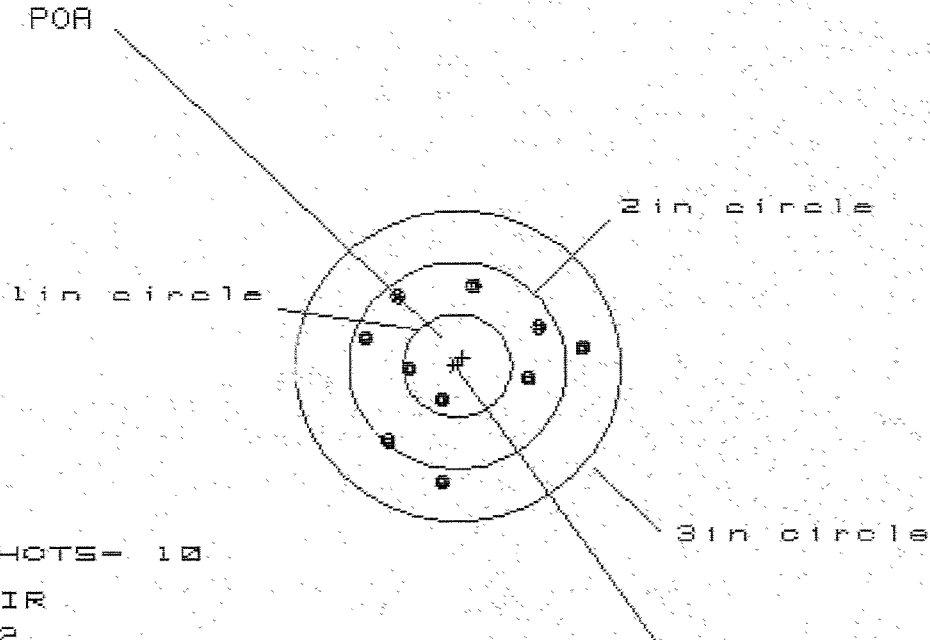
OF SHOTS- 10
 # IN CIR
 1in = 1
 2in = 7
 3in = 8
 HS= 1.893
 VS= 2.833
 GS= 3.132

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.861	.747	.783
MINIMUM X	:	-1.032	-.773	-.737
MAXIMUM Y	:	1.489	1.528	1.105
MINIMUM Y	:	-1.345	-1.179	-.988
CENTROID X	:	.376	.490	.454
CENTROID Y	:	.342	.177	-.014
POA TO CENTROID in.	:	.508	.521	.454
MIN RADIUS	:	.258	.338	.328
MEAN RADIUS	:	.960	.835	.722
MAX RADIUS	:	1.811	1.555	1.217
HORIZONTAL SPREAD	:	1.893	1.520	1.520
VERTICAL SPREAD	:	2.833	2.707	2.093
EXTREME SPREAD	:	3.132	2.709	2.218
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Sep 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.036

VS= 1.905

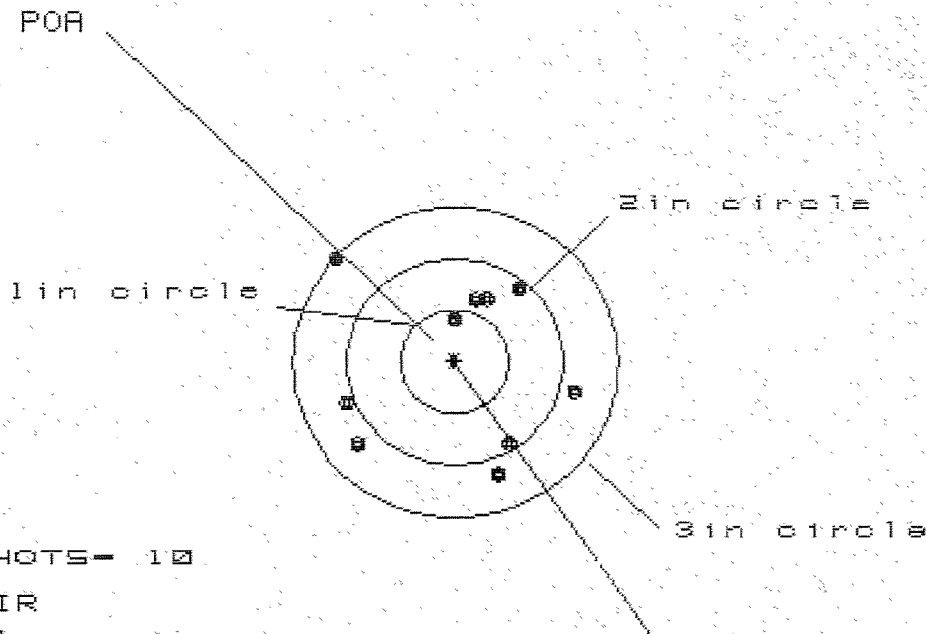
CS= 2.039

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	.905	.901
MINIMUM X	-.877	-.749	-.753
MAXIMUM Y	.821	.837	.704
MINIMUM Y	-1.084	-1.068	-.818
CENTROID X	-.055	-.183	-.179
CENTROID Y	-.077	-.093	.040
POA TO CENTROID in.	.094	.206	.183
MIN RADIUS	.298	.257	.355
MEAN RADIUS	.806	.746	.707
MAX RADIUS	1.168	1.068	.954
HORIZONTAL SPREAD	2.036	1.654	1.654
VERTICAL SPREAD	1.905	1.905	1.522
EXTREME SPREAD	2.039	1.936	1.778
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

13 Sep 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.251

VS= 2.038

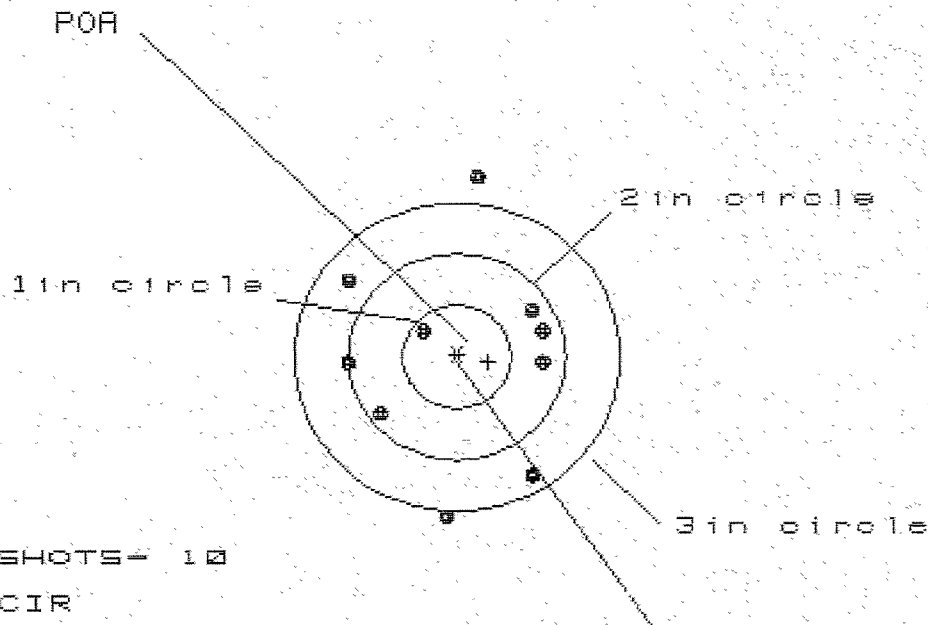
GS= 2.583

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.122	.997	.865
MINIMUM X	:	-1.129	-1.111	-1.243
MAXIMUM Y	:	.985	.805	.716
MINIMUM Y	:	-1.053	-.943	-1.032
CENTROID X	:	.003	.128	.260
CENTROID Y	:	-.009	-.119	-.030
POA TO CENTROID in.	:	.010	.175	.261
MIN RADIUS	:	.436	.561	.528
MEAN RADIUS	:	.963	.900	.825
MAX RADIUS	:	1.498	1.271	1.297
HORIZONTAL SPREAD	:	2.251	2.108	2.108
VERTICAL SPREAD	:	2.038	1.748	1.748
EXTREME SPREAD	:	2.583	2.150	2.111
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Sep 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 1.801

VS= 3.241

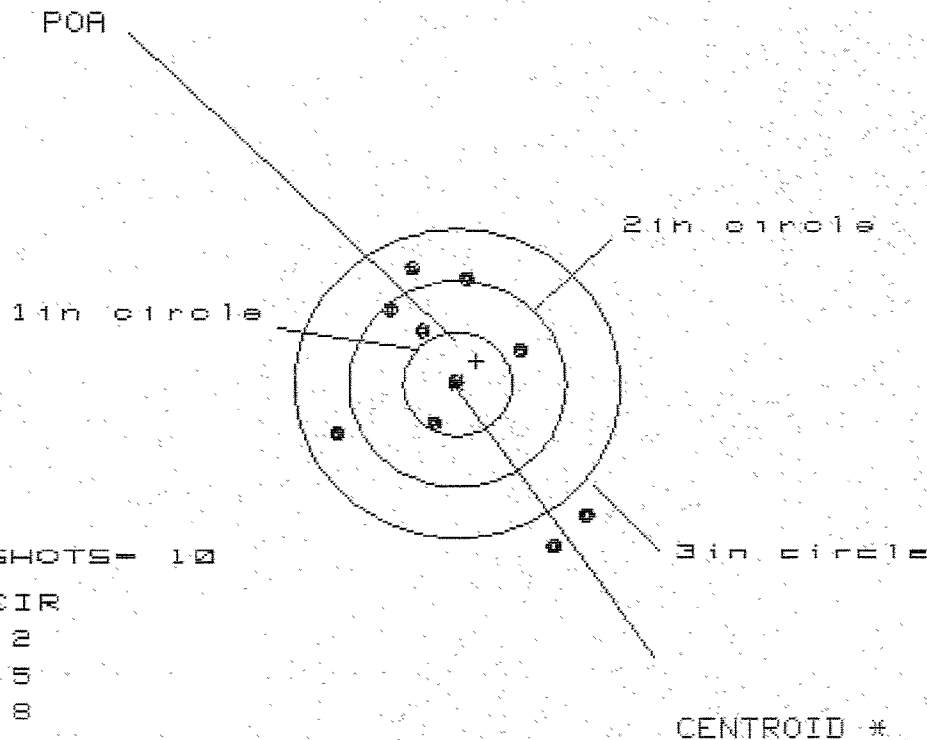
GS= 3.257

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.774	.799	.789
MINIMUM X	:	-1.027	-1.002	-1.012
MAXIMUM Y	:	1.720	.904	.738
MINIMUM Y	:	-1.521	-1.330	-1.158
CENTROID X	:	-.293	-.318	-.308
CENTROID Y	:	.048	-.143	.023
POA TO CENTROID in.	:	.297	.348	.309
MIN RADIUS	:	.364	.498	.370
MEAN RADIUS	:	1.060	.986	.920
MAX RADIUS	:	1.734	1.350	1.340
HORIZONTAL SPREAD	:	1.801	1.801	1.801
VERTICAL SPREAD	:	3.241	2.234	1.896
EXTREME SPREAD	:	3.257	2.537	2.537
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

13 Sep 1990

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.343

VS= 2.680

ES= 3.003

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.224	1.323	.804
MINIMUM X	:	-1.119	-1.020	-.855
MAXIMUM Y	:	1.087	.910	.725
MINIMUM Y	:	-1.593	-1.487	-.795
CENTROID X	:	-.181	-.280	-.446
CENTROID Y	:	-.223	-.046	.139
POA TO CENTROID in.	:	.287	.284	.467
MIN RADIUS	:	.022	.181	.115
MEAN RADIUS	:	.965	.838	.656
MAX RADIUS	:	1.826	1.990	1.167
HORIZONTAL SPREAD	:	2.343	2.343	1.659
VERTICAL SPREAD	:	2.680	2.397	1.520
EXTREME SPREAD	:	3.003	2.929	1.881
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	