C6349061

MODEL 700™ M24

Model SWS ™

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: RE00151955

Verify Repair

Serial: C6349061 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1990

Repairman:

Status: Closed 9/26/2008 8:28:43 AM

Address Information

	Customer: (•) Received From	Return To: ( ) Received From
Name:	FB 4418 437 APS/TRTC	FB 4418 437 APS/TRTC
Address 1:	113 S BATES ST BLDG 178	113 S BATES ST BLDG 178
Address 2:		
PO Box:		
City:	CHARLESTON AFB	CHARLESTON AFB
State:	SC	SC
Zip Code:	29404	29404
Country:	US	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
A006	Sling Strap	1
A007	With Stud	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope CASE / IRON	1
A055	Deployment Kit	1
A057	Frt SGT Base	1

Repair Search | Refresh | Close

naglelj | 9/29/2008 | 2:37 PM | CAPS | NUM | INS | SCRL

start | 13 Mi... | 4 Mic... | HR Bar... | 2 Int... | Arms S... | Part S... | 2:37 PM

Serial Number: C6349061

Model M24 SWS

RE00151955

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER 151955

SERIAL NUMBER C6349061

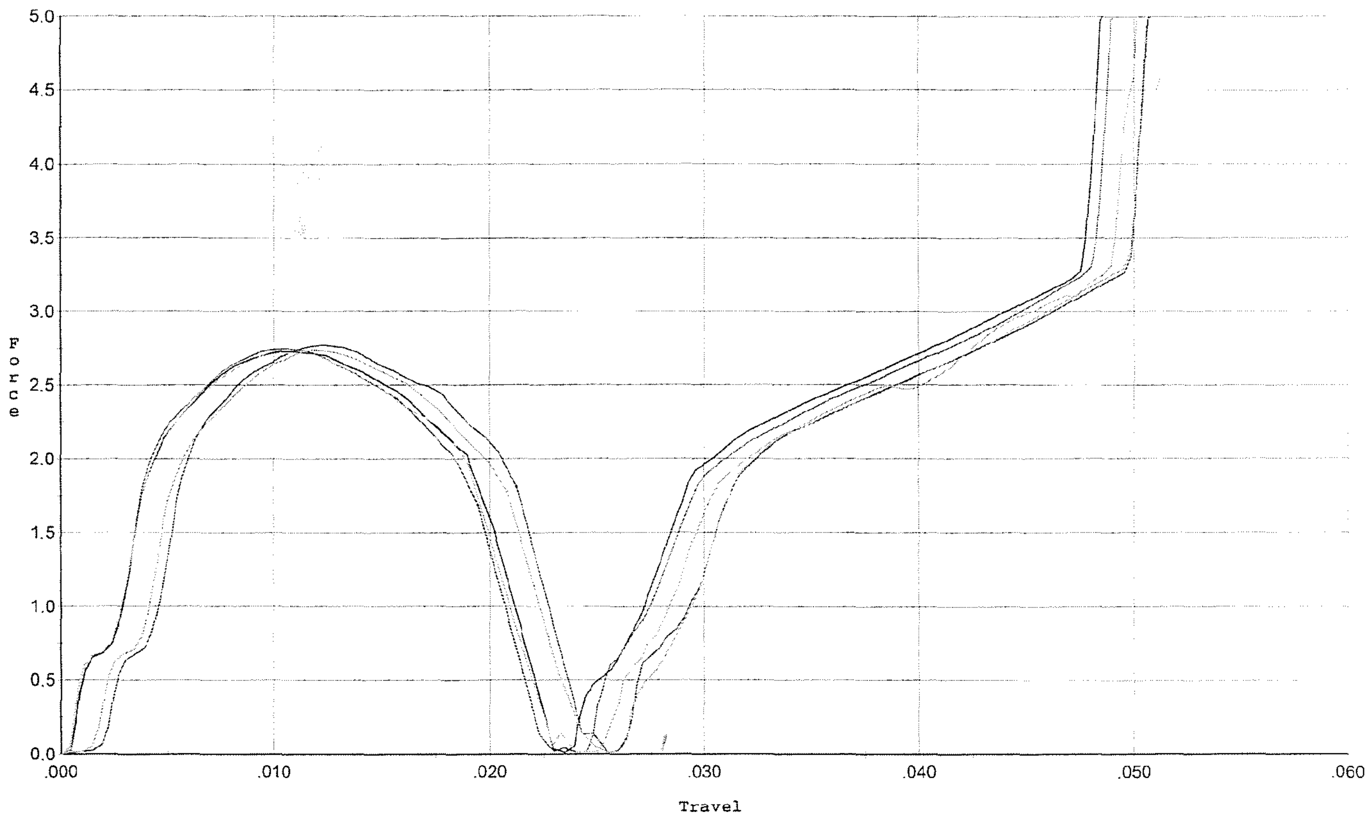
LOG-IN DATE 9-26-08

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			5-21-09	LTC
505	RE-BARREL			5-26-09	LTC
420	ASSEMBLE	MAGNA - FLUX		5-26-09	LTC
440	PROOF	MAY 30 2009		5-26-09	[illegible]
460	CHECK HEADSPACE			5-26-09	[illegible]
470	DIS-ASSEMBLE GUN	OPERATOR D		5-26-09	[illegible]
480	MAGNAFLUX			5/30/09	D
510	DRILL AND TAP			5-27-09	[illegible]
500	ROLLMARK CALIBER			6/1/09	RT
520	GOFF BLAST BBL / REC			6-1-09	DWD
530 & 540	APPLY COATINGS			6/3	—
560	FINAL ASSEMBLY			6-4-09	[illegible]
640	FUNCTION TEST AND	PASS	FAIL	6/4/09	RB
650	TARGET	PASS	FAIL	6/4/09	RB
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION			6/4/09	TGR
	A) HEADSPACE	PASS	FAIL	6-5-09	[illegible]
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	252 248 246 256 249		6-5-09	LTC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.0 4.0 4.0		6-5-09	[illegible]
	G) SAFETY OFF FORCE (2 LBS MIN)	6.0 6.0 6.0		6-5-09	[illegible]
	I) FIRING PIN INDENT (.020)	.031 .031 .031		6-5-09	[illegible]
690	PACK			6/5/09	FM

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs ini +/- .50 lb
Note:	C Schults 4/15/2009		



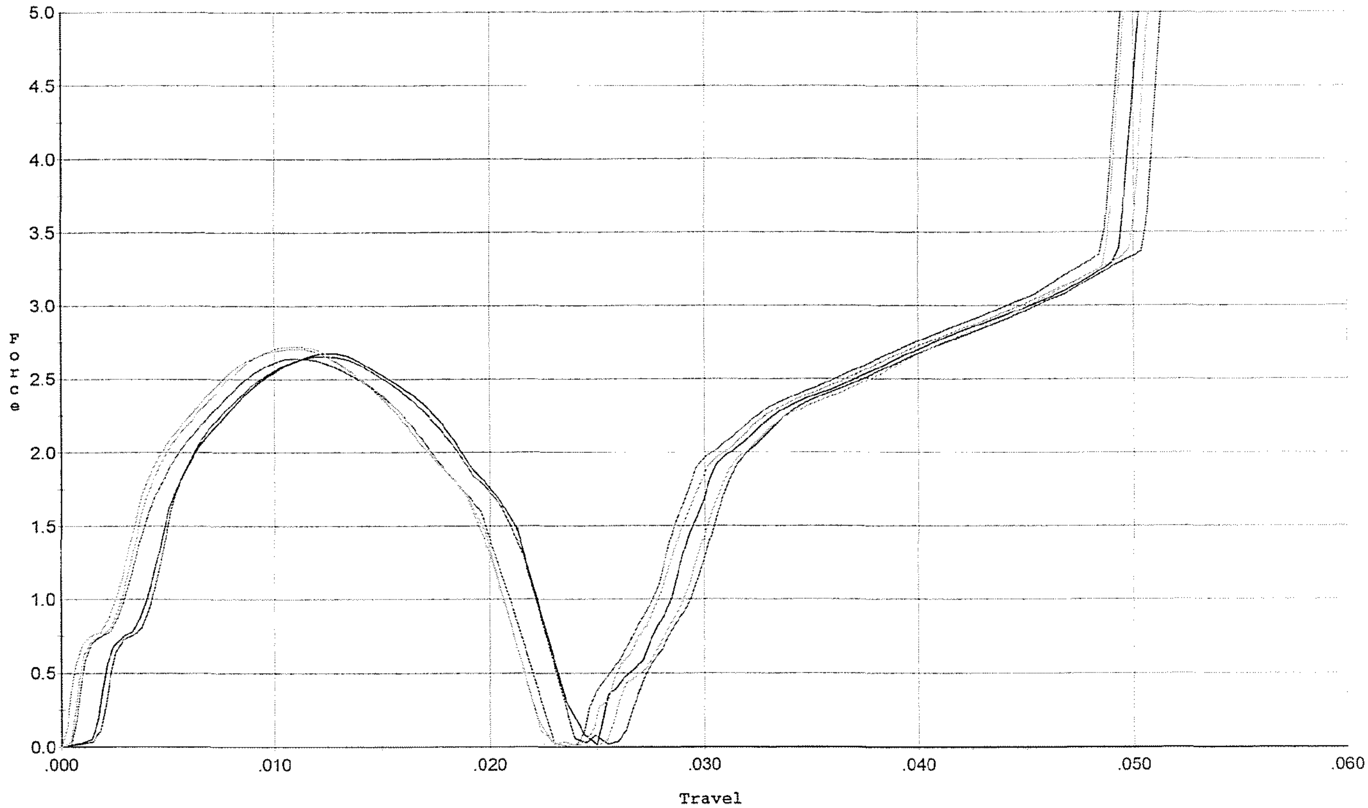
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.773	0.021	0.00	0.033	0.040		Set Trigger
2	2.730	0.020	0.00	0.033	0.040		Set Trigger
3	2.745	0.019	0.00	0.034	0.038		Set Trigger
4	2.718	0.019	0.00	0.035	0.038		Set Trigger
5	2.739	0.021	0.00	0.034	0.039		Set Trigger

A-2.74

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 1:50:39 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs after 50 cycles+/- .50 lb
Note:	C Schults 4/15/2009		



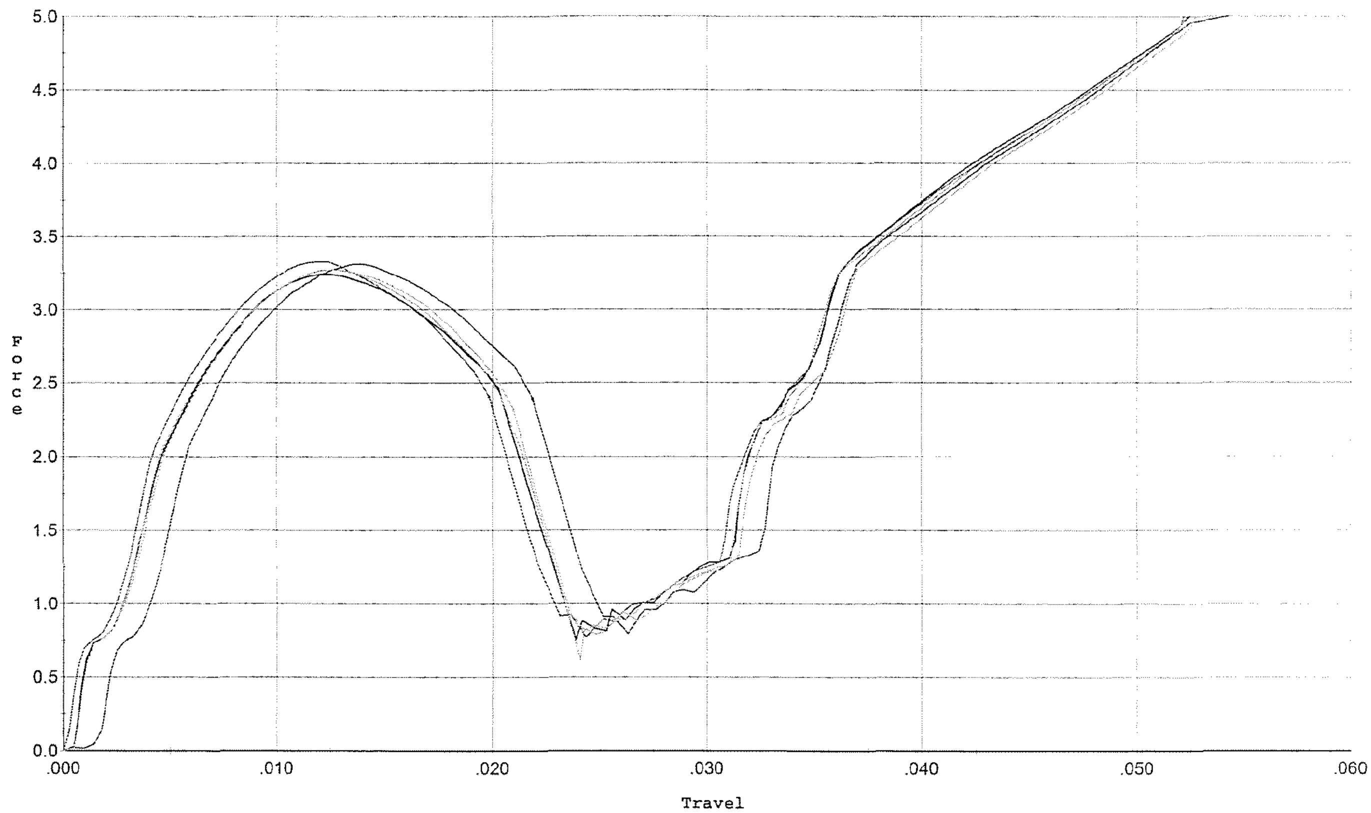
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.653	0.021	0.00	0.034	0.038		Set Trigger
2	2.673	0.021	0.00	0.033	0.038		Set Trigger
3	2.640	0.021	0.00	0.033	0.038		Set Trigger
4	2.721	0.020	0.00	0.035	0.038		Set Trigger
5	2.709	0.020	0.00	0.034	0.038		Set Trigger

A-2-67

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 1:52:35 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini +/- .75 lb
Note:	C Schults 4/15/2009		

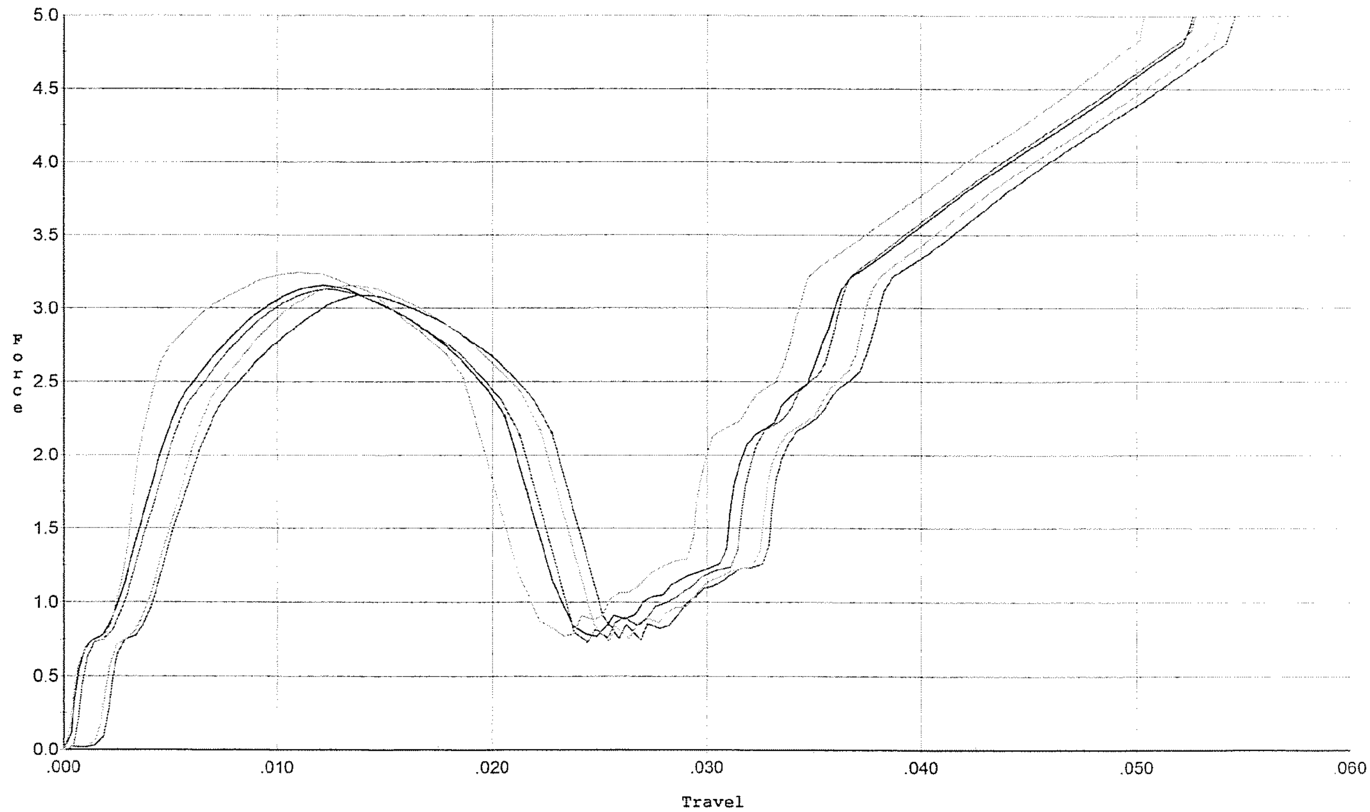


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.312	0.022	0.00	0.034	0.048		Set Trigger
2	3.242	0.020	0.00	0.034	0.046		Set Trigger
3	3.328	0.020	0.00	0.035	0.047		Set Trigger
4	3.271	0.021	0.00	0.034	0.048		Set Trigger
5	3.276	0.021	0.00	0.034	0.049		Set Trigger

A.3.28

Trigger Profile [lbs,inch]

Profile	SWS	Model:	M/24
GunType:	Rifle	Serial No:	Form #F005
Make:	Remington	Trigger:	3.0 lbs after 20 cycles+/- .75 lb
Note:	C Schults 4/15/2009		



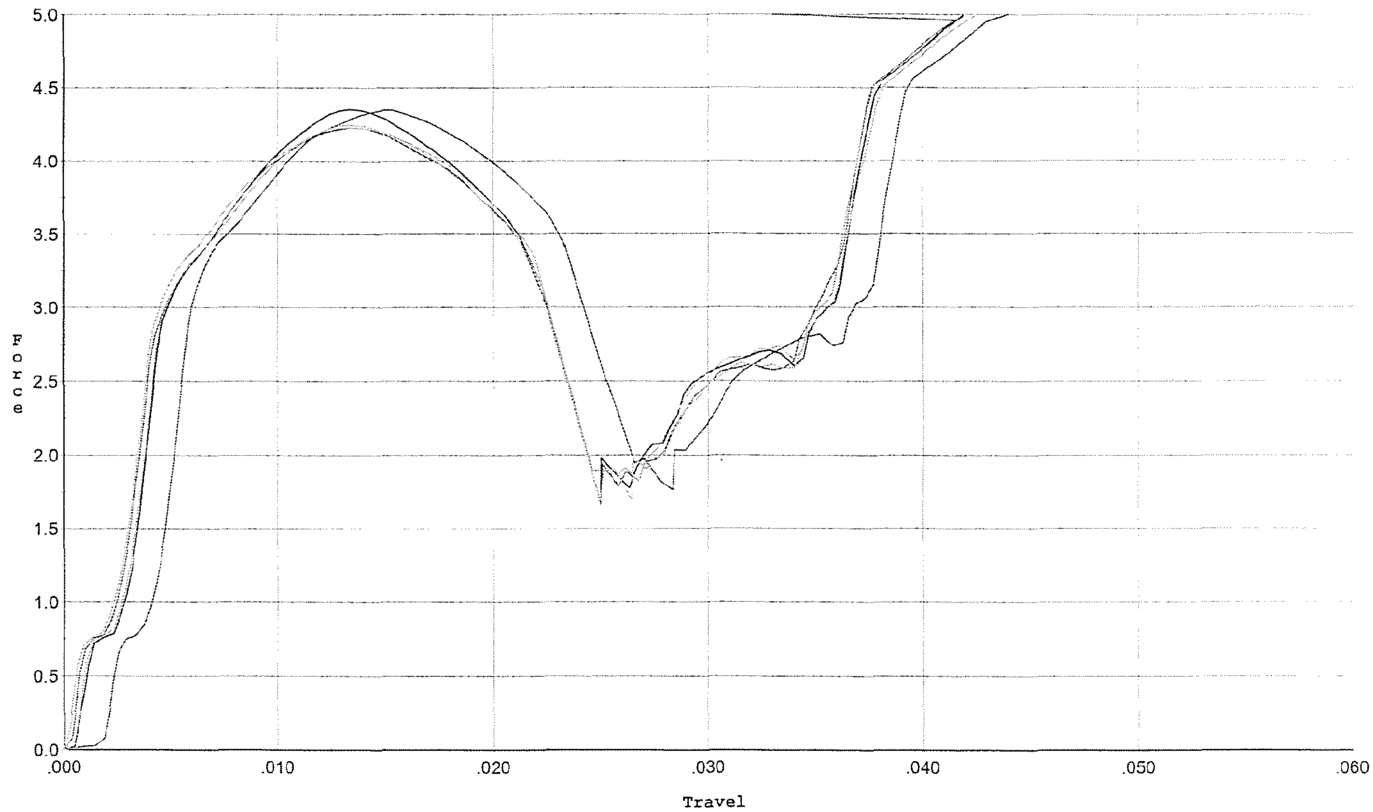
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.087	0.023	0.00	0.035	0.047		Set Trigger
2	3.155	0.021	0.00	0.035	0.047		Set Trigger
3	3.128	0.021	0.00	0.034	0.047		Set Trigger
4	3.153	0.022	0.00	0.035	0.048		Set Trigger
5	3.245	0.019	0.00	0.034	0.044		Set Trigger

A.3.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 1:55:19 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs ini +/- 1.0 lb
Note:	C Schults 4/15/2009		



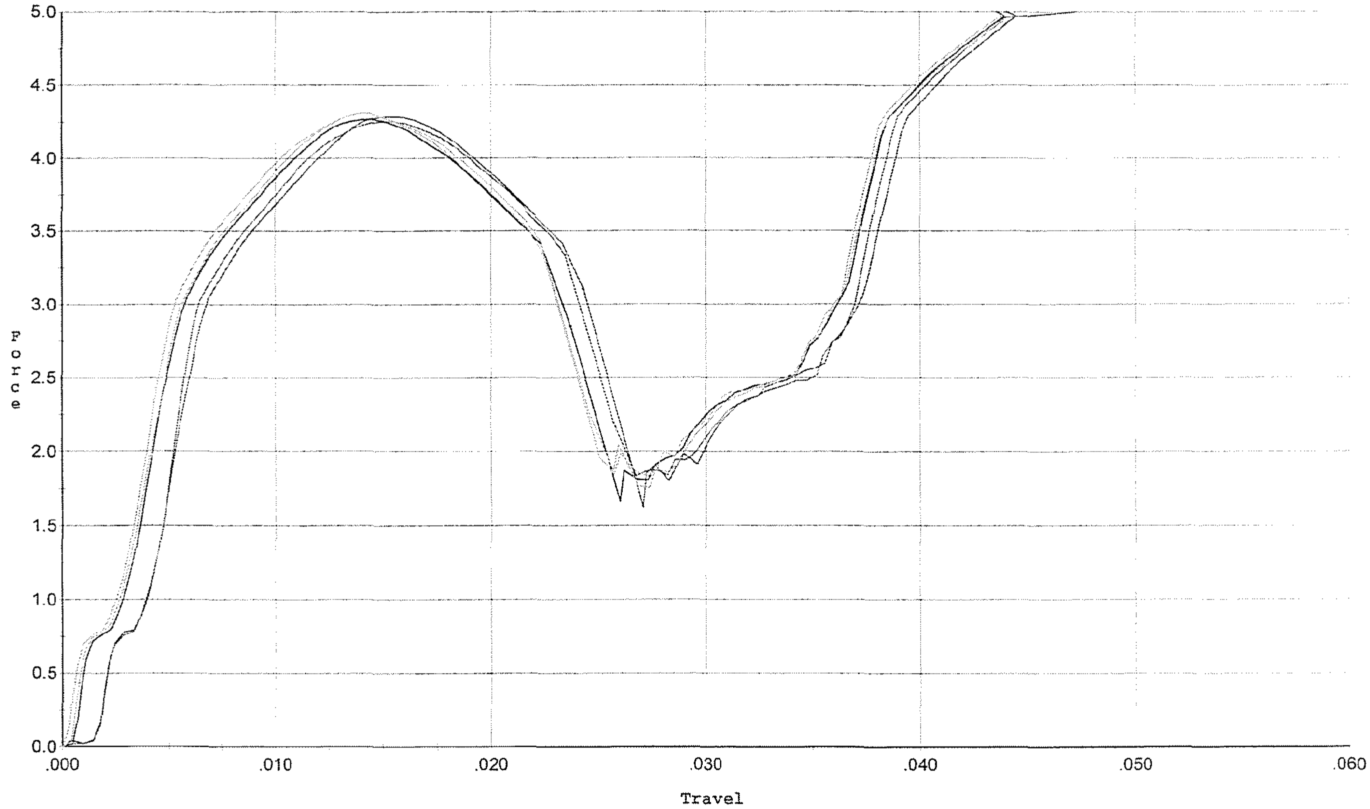
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.349	0.023	0.002	0.031	0.068		Set Trigger
2	4.355	0.022	0.00	0.031	0.067		Set Trigger
3	4.229	0.022	0.00	0.031	0.067		Set Trigger
4	4.228	0.022	0.00	0.031	0.067		Set Trigger
5	4.244	0.022	0.00	0.031	0.066		Set Trigger

A-4-28

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 1:56:40 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs after 20 cycles+/- 1.0 lb
Note:	C Schults 4/15/2009		



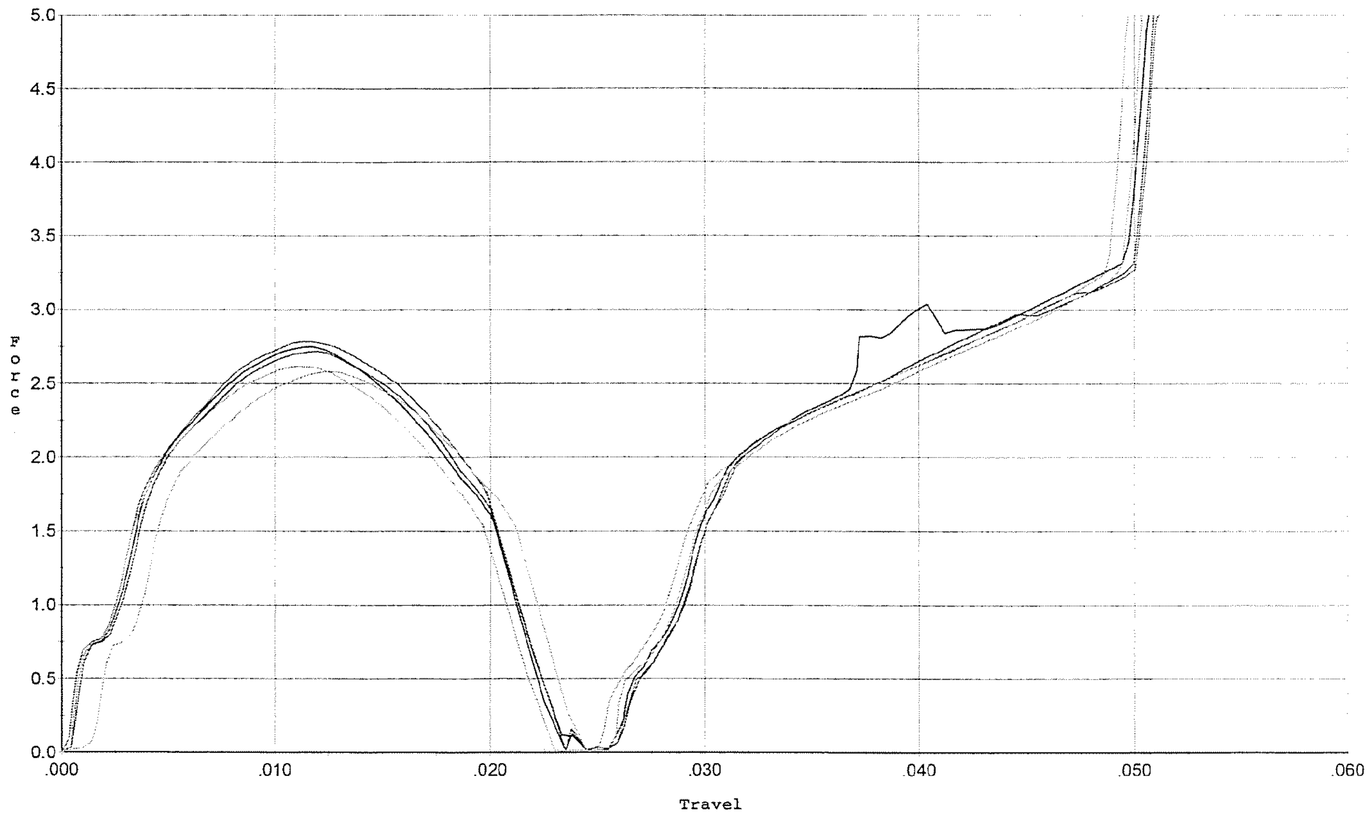
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.288	0.024	0.00	0.032	0.069		Set Trigger
2	4.269	0.024	0.00	0.032	0.070		Set Trigger
3	4.252	0.023	0.00	0.032	0.067		Set Trigger
4	4.306	0.022	0.00	0.032	0.068		Set Trigger
5	4.309	0.022	0.00	0.032	0.067		Set Trigger

A-4.28

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 1:58:00 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs +/- .50 lb for final test
Note:	C Schults 4/15/2009		



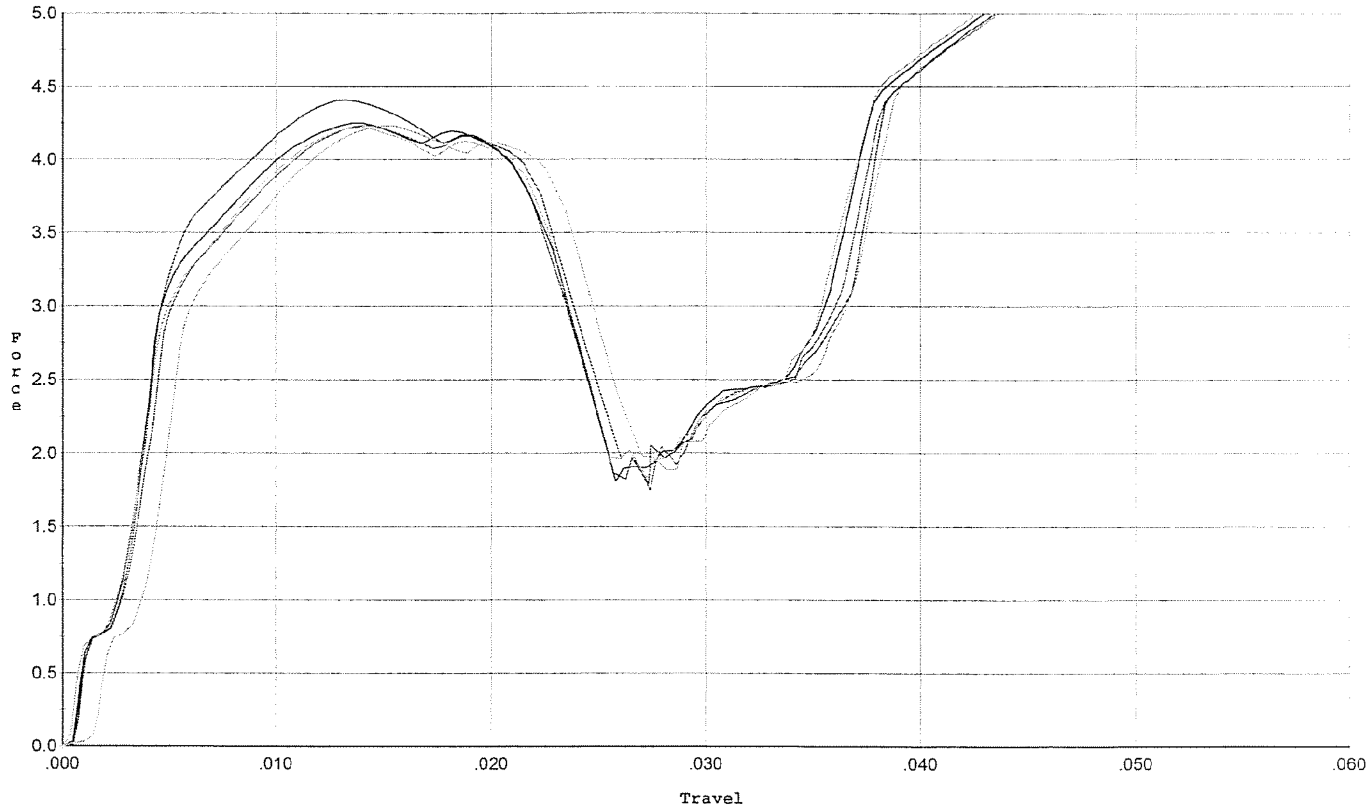
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.719	0.020	0.00	0.035	0.038		Set Trigger
2	2.747	0.020	0.00	0.035	0.039		Set Trigger
3	2.783	0.020	0.00	0.035	0.040		Set Trigger
4	2.584	0.021	0.00	0.033	0.038		Set Trigger
5	2.620	0.020	0.00	0.034	0.037		Set Trigger

A-2-69

Trigger Scan 2.01 .SN 10337, printed by Remingyton Arms Co., Inc.. 4/15/2009 2:25:54 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs +/- 1.0 lb for target & accuracy
Note:	C Schults 4/15/2009		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.409	0.023	0.00	0.031	0.073		Set Trigger
2	4.250	0.023	0.00	0.030	0.071		Set Trigger
3	4.233	0.022	0.00	0.031	0.068		Set Trigger
4	4.218	0.023	0.00	0.030	0.070		Set Trigger
5	4.234	0.023	0.00	0.031	0.069		Set Trigger

A-4.26

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349061.__0
FILE DATE AND TIME: 06/04/2009 14:11

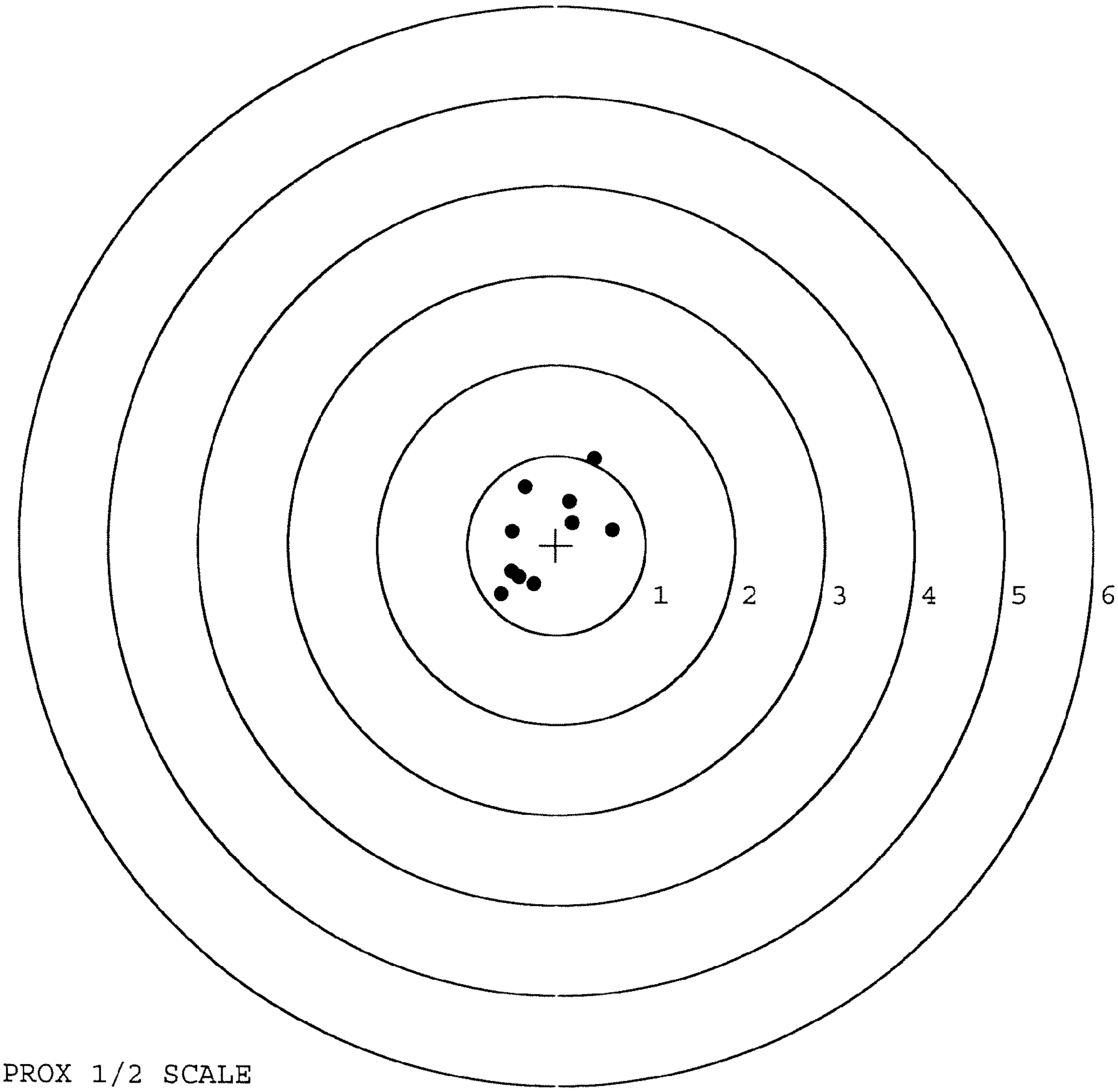
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.024
The Average Y Centroid of the Five Target Set:	0.020
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.515
The Distance from POA to Centroid Target #1:	0.163
The Distance from Centroid Target #2 to Centroid Target #1:	0.186
The Distance from Centroid Target #3 to Centroid Target #1:	0.293
The Distance from Centroid Target #4 to Centroid Target #1:	0.122
The Distance from Centroid Target #5 to Centroid Target #1:	0.200

SERIAL NUMBER:	C6349061.__0
TARGET NUMBER:	1
FILE DATE:	06/04/2009
FILE TIME:	14:11

X CENTROID:	-0.125
Y CENTROID:	0.104
POA TO CENTROID:	0.163
HORZ SPREAD:	1.250
VERT SPREAD:	1.521
GROUP SPREAD:	1.851
MIN RADIUS:	0.338
MAX RADIUS:	1.029
MEAN RADIUS:	0.604
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.432	0.969
2:	0.627	0.179
3:	0.181	0.247
4:	0.147	0.489
5:	-0.353	0.652
6:	-0.498	0.155
7:	-0.623	-0.552
8:	-0.506	-0.297
9:	-0.248	-0.437
10:	-0.414	-0.361

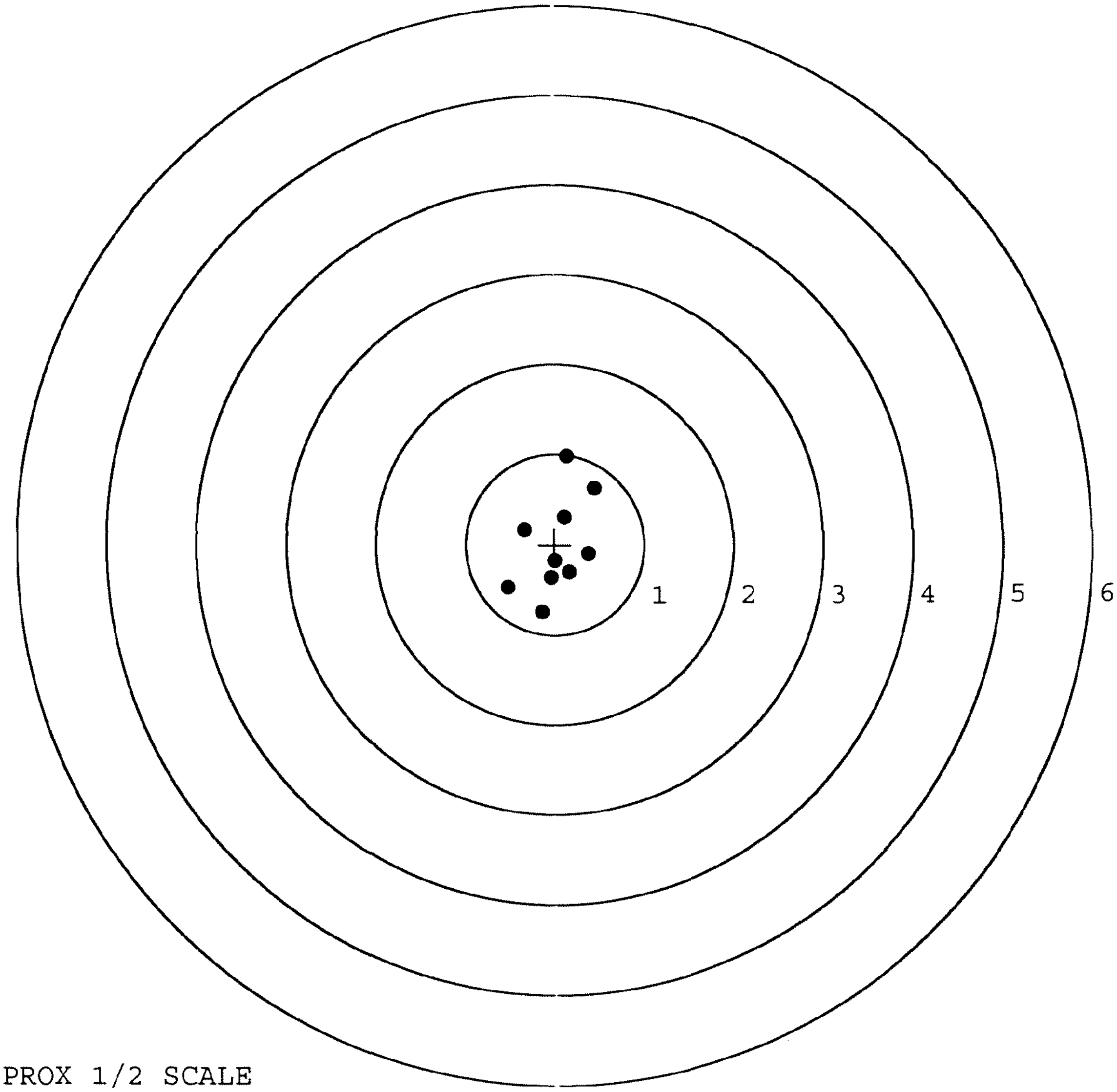


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349061.__0
TARGET NUMBER: 2
FILE DATE: 06/04/2009
FILE TIME: 14:11

X CENTROID:	0.018
Y CENTROID:	-0.013
POA TO CENTROID:	0.022
HORZ SPREAD:	0.979
VERT SPREAD:	1.729
GROUP SPREAD:	1.752
MIN RADIUS:	0.171
MAX RADIUS:	0.998
MEAN RADIUS:	0.521
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.134	0.978
2:	0.447	0.622
3:	0.116	0.302
4:	0.379	-0.101
5:	-0.339	0.164
6:	-0.532	-0.480
7:	-0.146	-0.751
8:	0.164	-0.312
9:	-0.046	-0.372
10:	0.003	-0.184

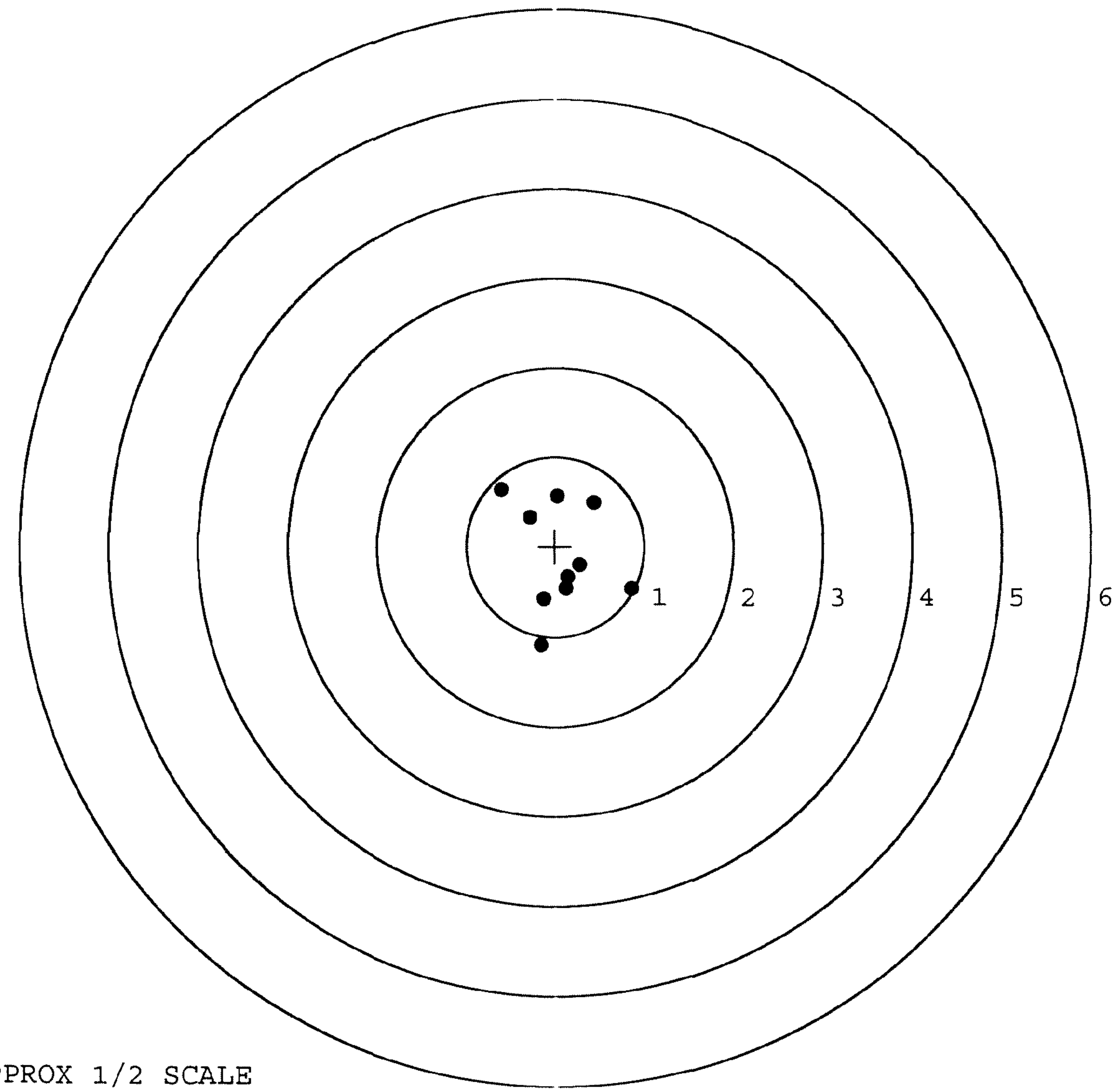


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349061.__0
TARGET NUMBER: 3
FILE DATE: 06/04/2009
FILE TIME: 14:11

X CENTROID:	0.067
Y CENTROID:	-0.117
POA TO CENTROID:	0.134
HORZ SPREAD:	1.463
VERT SPREAD:	1.730
GROUP SPREAD:	1.833
MIN RADIUS:	0.232
MAX RADIUS:	1.009
MEAN RADIUS:	0.618
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

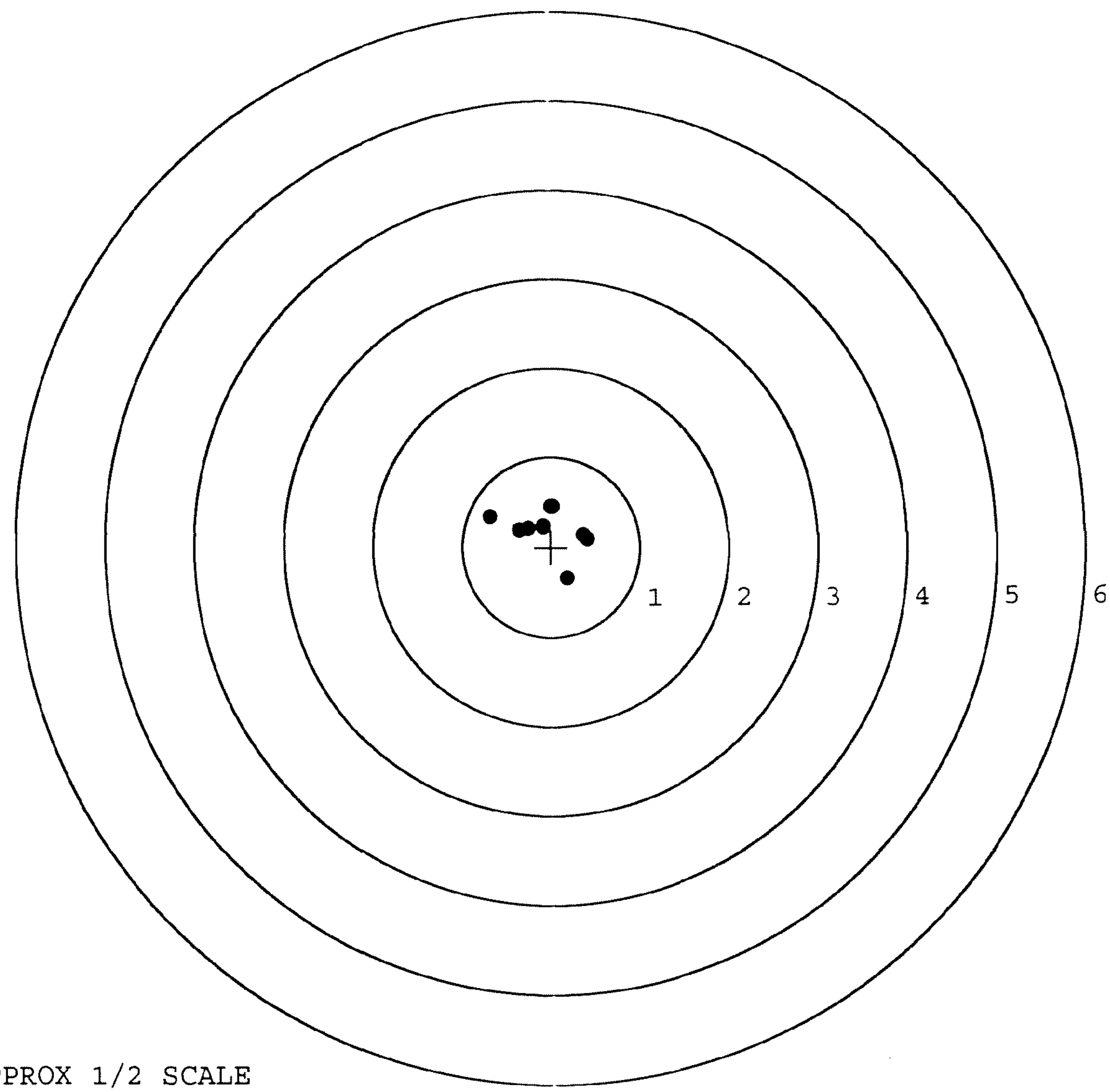
POINT#	X	Y
1:	0.856	-0.471
2:	-0.163	-1.096
3:	-0.129	-0.586
4:	0.125	-0.471
5:	0.278	-0.213
6:	0.433	0.492
7:	0.023	0.565
8:	-0.293	0.320
9:	-0.607	0.634
10:	0.143	-0.342



TARGET APPROX 1/2 SCALE

SERIAL NUMBER:	C6349061.__0
TARGET NUMBER:	4
FILE DATE:	06/04/2009
FILE TIME:	14:11
X CENTROID:	-0.048
Y CENTROID:	0.198
POA TO CENTROID:	0.203
HORZ SPREAD:	1.091
VERT SPREAD:	0.796
GROUP SPREAD:	1.118
MIN RADIUS:	0.048
MAX RADIUS:	0.649
MEAN RADIUS:	0.326
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.409	0.093
2:	0.031	0.448
3:	-0.254	0.213
4:	-0.682	0.335
5:	0.180	-0.348
6:	0.361	0.136
7:	0.011	0.448
8:	-0.087	0.239
9:	-0.359	0.189
10:	-0.087	0.225

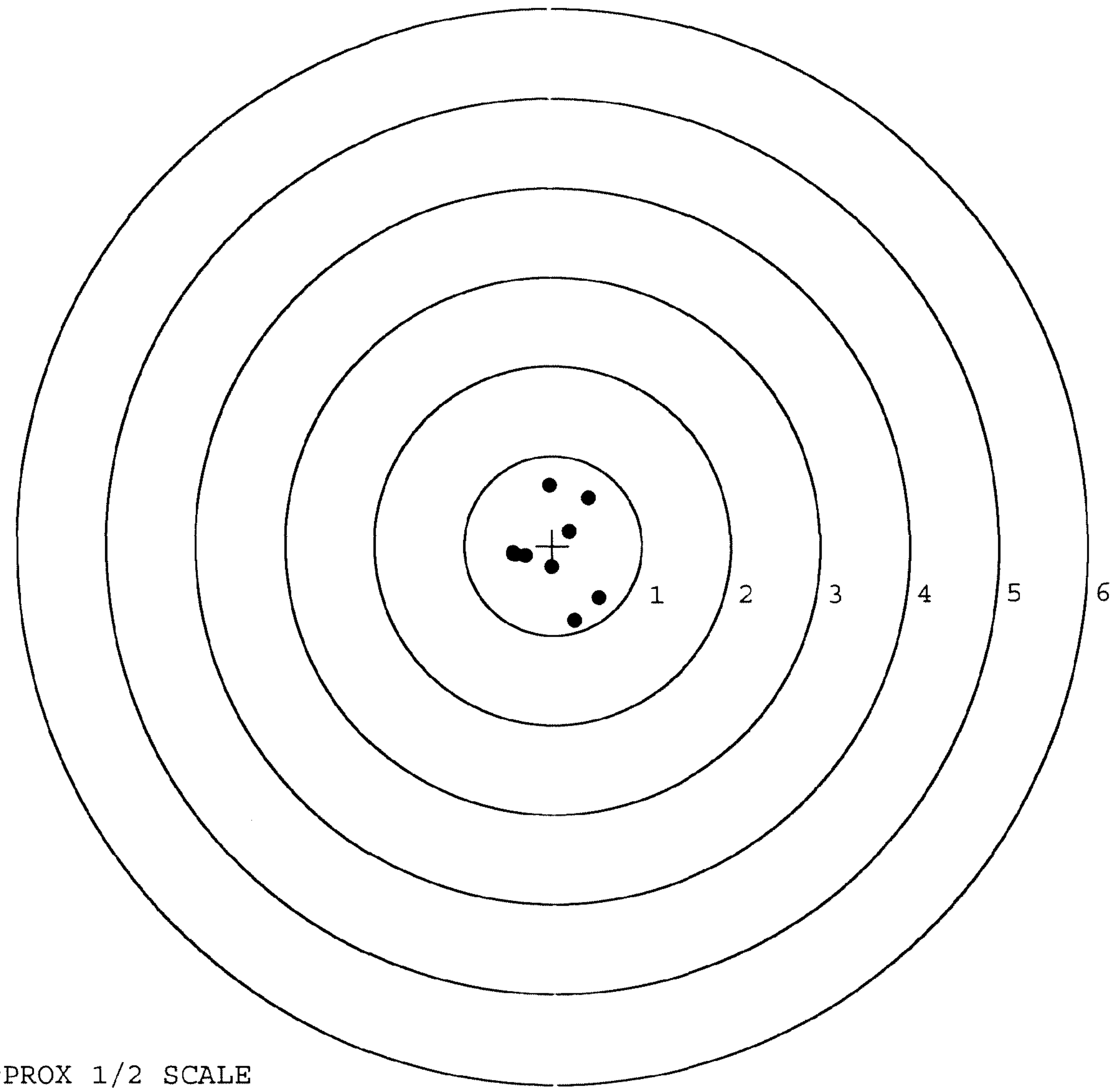


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349061.__0
TARGET NUMBER: 5
FILE DATE: 06/04/2009
FILE TIME: 14:11

X CENTROID:	-0.031
Y CENTROID:	-0.071
POA TO CENTROID:	0.078
HORZ SPREAD:	0.964
VERT SPREAD:	1.514
GROUP SPREAD:	1.539
MIN RADIUS:	0.175
MAX RADIUS:	0.818
MEAN RADIUS:	0.507
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.032	0.673
2:	0.407	0.530
3:	0.197	0.161
4:	0.516	-0.587
5:	0.246	-0.841
6:	-0.015	-0.246
7:	-0.308	-0.119
8:	-0.448	-0.099
9:	-0.420	-0.104
10:	-0.448	-0.081



TARGET APPROX 1/2 SCALE

Remington®

DUPONT
REG. U.S. PAT & TM OFF

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

MODEL 700™ M24

SERIAL NO.
C6349061

ORDER NO.
5716

01

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

5716 C6349061

UPC

0 47700 25716 7

RC-15
Replaced

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349061

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12 90		RW
600	Proof	1 12 90		
607	Check Headspace	1 12 90		
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		GS
617	Drill and Tap Sight Holes	1-19-90		FB
618	Polish Barrel RB	1-22-90		WB
620	Apply Coatings (Barrel Action)		1-30-90	DH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/1/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/90	RW
	C) Inspect Ejector Hole for Chamfer		2/1/90	RW
	D) Oil Firing Pin Ass'y		2/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1 Feb 90	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-1-90	JY
	G) Safety Off Force	3	3	3			2-1-90	JY
	H) Trigger Pull Test & Retainability						1 Feb-90	YD
	I) Firing Pin Indent	.020	.020	.020			2-1-90	JY
	J) Assemble Stock						3/1/90	Rw
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						3/1/90	Rw
	M) Iron Sight Alignment						3/1/90	Rw
	N) Detach Front & Rear Sights & place in numbered container						3/1/90	Rw
	O) Attach Scope to Rifle						3/1/90	WB
	P) Detach & Attach Scope 20 Times						3/1/90	WB
640	Gallery Target & Test						3-2-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clearity of Scope						"	A
645	Inspect for Live Ammo						3-2-90	A
655	Final Inspection A) Headspace						3/12/90	WB
	B) Trigger Pull	2.76	2.74	2.74	2.72	2.72	3/12/90	CB
	C) Function						3/12/90	WB
660	Pack						20 Mar 90	JDS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349061
DATE 1 Feb 90
TESTER 918

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.36	2.28	2.16	MIN. SETTING,
PULL #2	2.34	2.38	2.30	2.14	NO AVG. OF 5
PULL #3	2.34	2.29	2.32	2.14	READINGS ACCEPT-
PULL #4	2.25	2.37	2.29	2.12	ABLE LESS THAN 2#
PULL #5	2.30	2.37	2.26	2.12	
TOTAL	11.44	11.77	11.45		
AVG.	2.288	2.354	2.29		

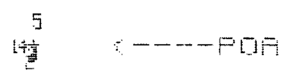
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	2.86		
PULL #2	2.90	2.89		
PULL #3	2.91	2.87		
PULL #4	2.90	2.89		
PULL #5	2.92	2.82		
TOTAL	14.57	14.33		
AVG.	2.914	2.866		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.91	3.90		3.97
PULL #2	3.94	3.86		3.99
PULL #3	3.93	3.96		3.85
PULL #4	3.93	3.98		3.94
PULL #5	3.94	3.91		3.98
TOTAL	19.65	19.61		19.73
AVG.	3.93	3.922		3.946

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349061
3 Mar 1990

CENTROIDAL DISTANCES

0	TO	1	.332122
1	TO	2	.4158
1	TO	3	.37987
1	TO	4	.162003
1	TO	5	.633877

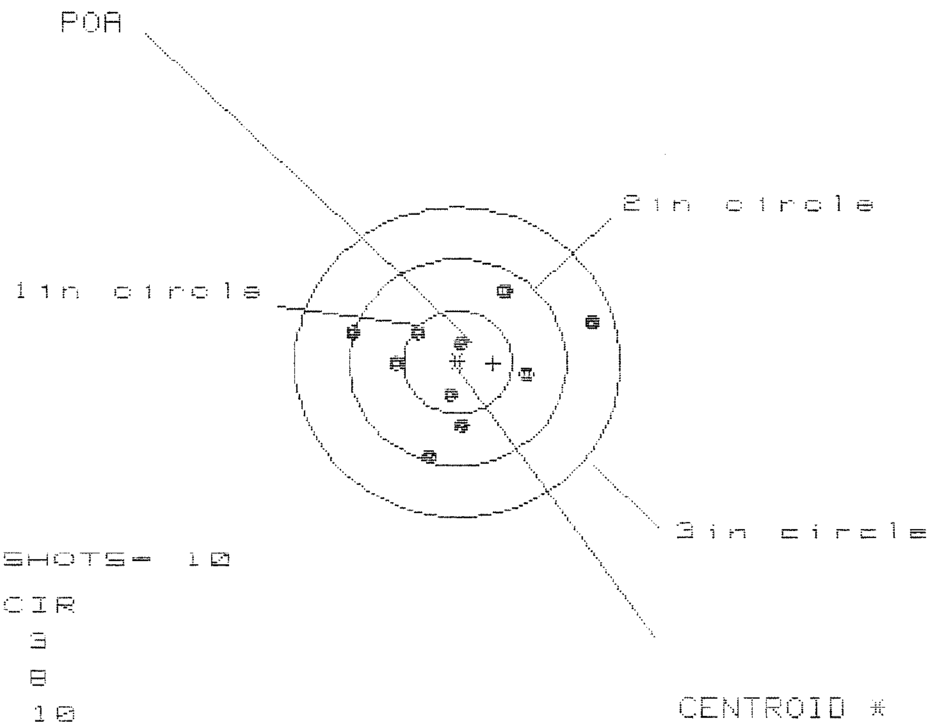


RDINATE FOR THIS RIFLE IS: -.085
RDINATE FOR THIS RIFLE IS: .0156
RAGE POI RADIUS FOR THIS RIFLE IS: .0864137

E IS: .8782

2 Mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6349061

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

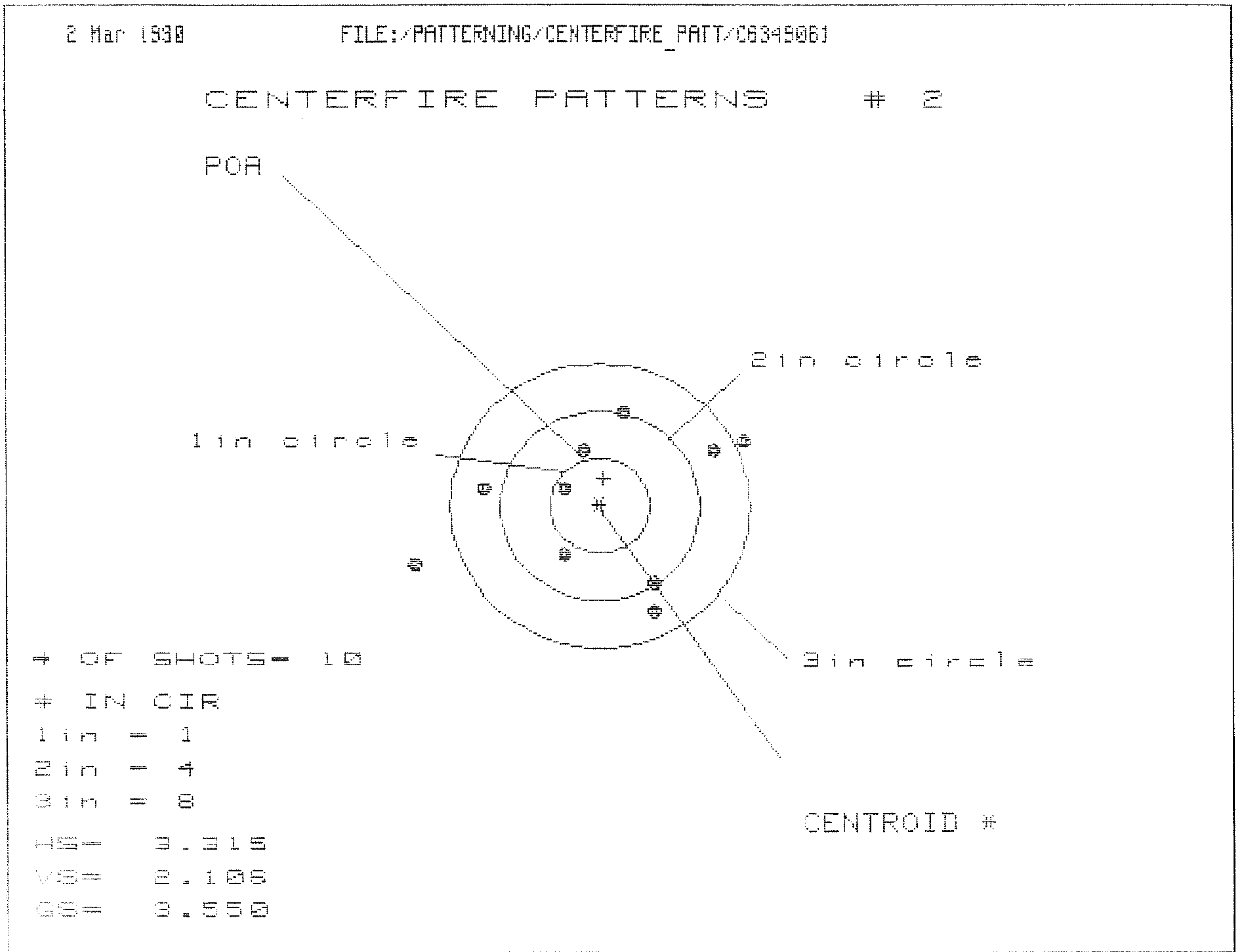
3in = 10

HS= 2.241

VS= 1.551

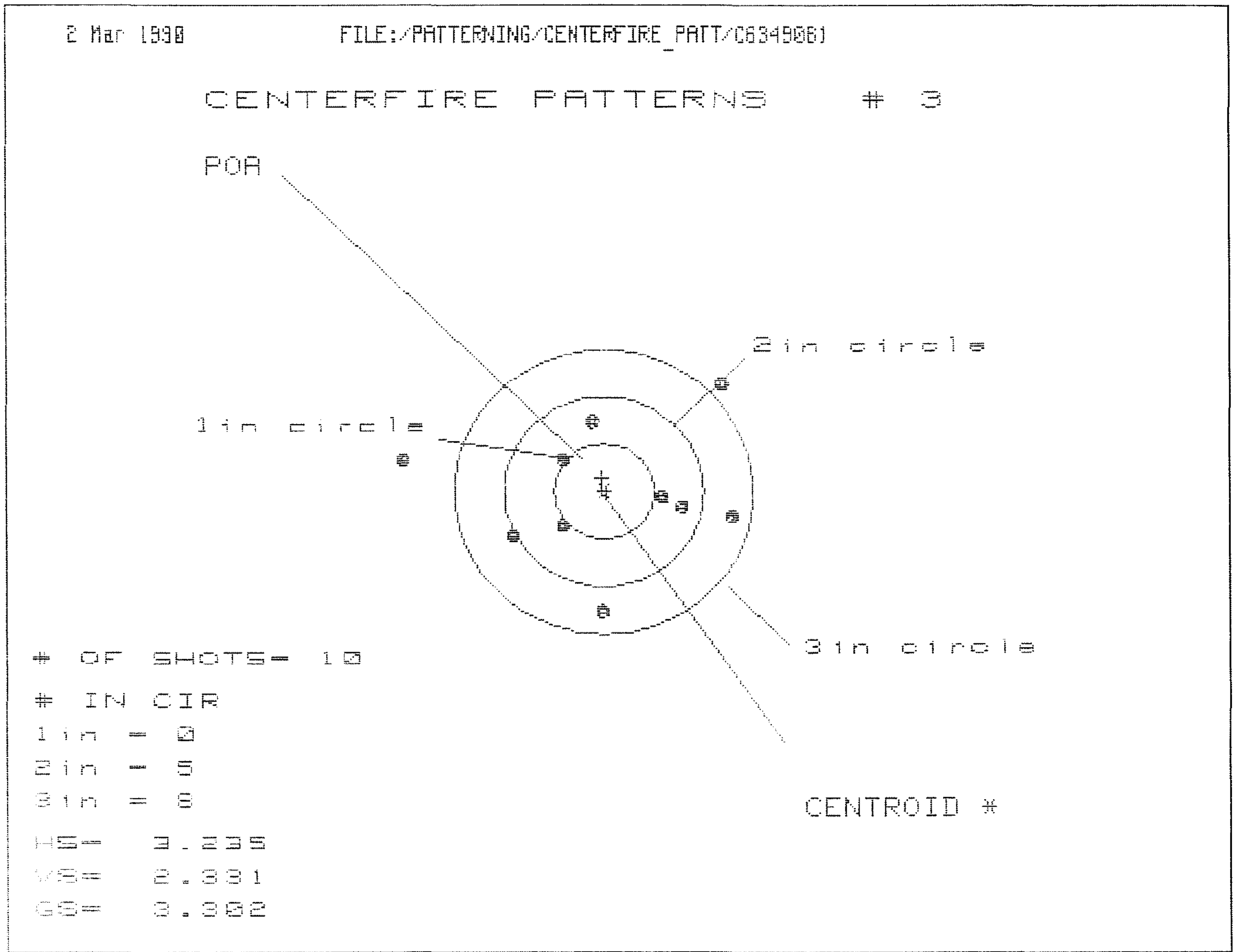
OS= 2.247

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
[illegible]	:	1.241	.802	.694
[illegible]	:	-1.000	-.862	-.541
[illegible]	:	.678	.727	.767
	:	-.873	-.824	-.784
[illegible]	:	-.332	-.470	-.362
	:	.009	-.040	-.080
[illegible]	:	.332	.472	.371
	:	.231	.292	.259
[illegible]	:	.700	.615	.574
		1.315	.921	.884
[illegible]	:	2.241	1.664	1.235
[illegible]		1.551	1.551	1.551
[illegible] SPREAD	:	2.247	1.714	1.695
[illegible] CIRCLE =		3		
[illegible] CIRCLE =		8		
[illegible] CIRCLE =		10		



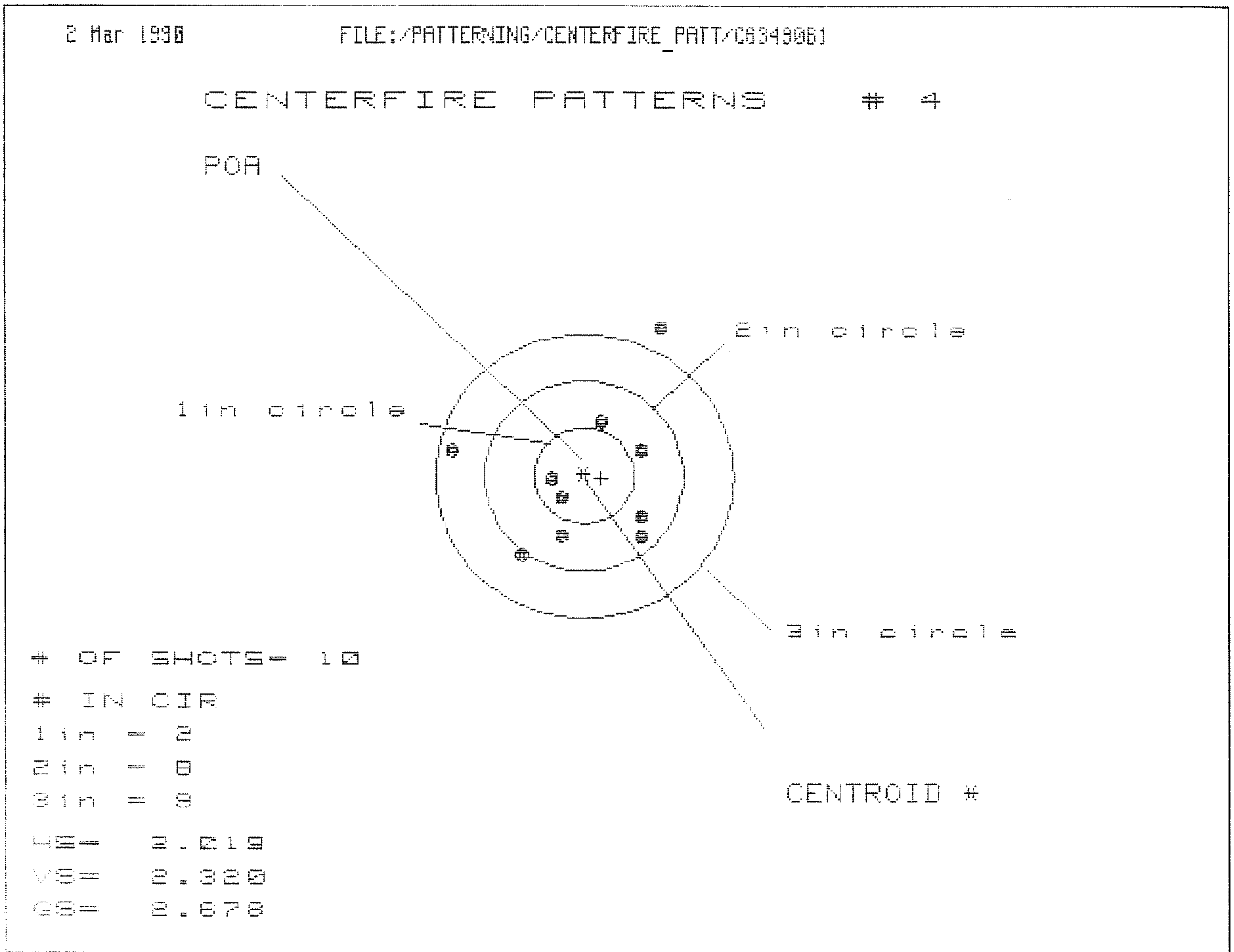
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.469	1.264	1.087
MINIMUM X	:	-1.846	-1.363	-1.205
[illegible] Y	:	.985	.916	.987
[illegible]	:	-1.121	-1.190	-1.119
[illegible]	:	-.041	.164	.006
[illegible]	:	-.288	-.219	-.290
[illegible] in.	:	.291	.274	.290
[illegible]	:	.350	.526	.394
[illegible]	:	1.082	.988	.913
[illegible]	:	1.950	1.387	1.252
[illegible] SPREAD	:	3.315	2.627	2.292
[illegible] SPREAD	:	2.106	2.106	2.106
[illegible] SPREAD	:	3.550	2.670	2.337

[illegible] INCH CIRCLE = 1
[illegible] INCH CIRCLE = 4
[illegible] INCH CIRCLE = 8



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.241	1.019	1.143
MINIMUM X	:	-1.994	-1.143	-1.019
MAXIMUM Y	:	1.114	1.151	.935
MINIMUM Y	:	-1.217	-1.180	-1.036
CENTROID X	:	.017	.239	.115
CENTROID Y	:	-.141	-.178	-.322
POA TO CENTROID in.	:	.142	.298	.342
MIN RADIUS	:	.539	.357	.495
MEAN RADIUS	:	1.047	.920	.840
MAX RADIUS	:	2.022	1.519	1.149
HORIZONTAL SPREAD	:	3.235	2.162	2.162
VERTICAL SPREAD	:	2.331	2.331	1.971
EXTREME SPREAD	:	3.302	2.647	2.168

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.735	.701	.551
MINIMUM X	:	-1.284	-1.203	-.671
MAXIMUM Y	:	1.529	.737	.791
MINIMUM Y	:	-.791	-.621	-.567
CENTROID X	:	-.171	-.252	-.102
CENTROID Y	:	.027	-.143	-.197
POA TO CENTROID in.	:	.173	.290	.222
MIN RADIUS	:	.284	.181	.323
MEAN RADIUS	:	.806	.675	.602
MAX RADIUS	:	1.697	1.277	.879
HORIZONTAL SPREAD	:	2.019	1.904	1.222
VERTICAL SPREAD	:	2.320	1.358	1.358
EXTREME SPREAD	:	2.678	2.055	1.582

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 9

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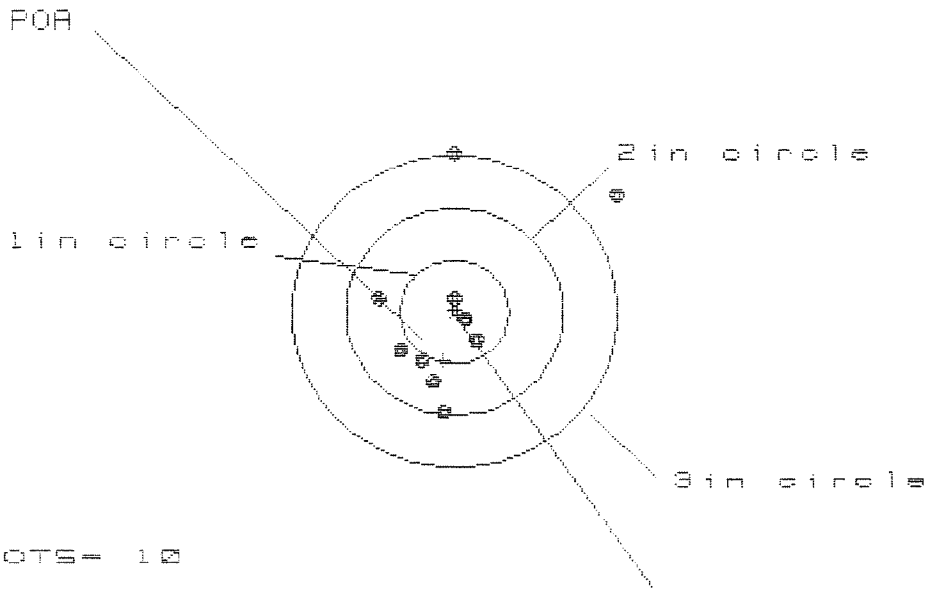
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 2.140

VS= 2.432

GS= 2.599

PATTERN # : 5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.470	.354	.370
MINIMUM X	:	-.670	-.507	-.491
MAXIMUM Y	:	1.504	1.632	.481
MINIMUM Y	:	-.928	-.800	-.596
CENTROID X	:	.102	-.061	-.077
CENTROID Y	:	.471	.343	.139
POA TO CENTROID in.	:	.482	.348	.159
MIN RADIUS	:	.149	.269	.211
MEAN RADIUS	:	.756	.597	.426
MAX RADIUS	:	1.867	1.637	.660
HORIZONTAL SPREAD	:	2.140	.861	.861
VERTICAL SPREAD	:	2.432	2.432	1.077
EXTREME SPREAD	:	2.599	2.433	1.189

NUMBER IN ONE INCH CIRCLE = 3

NUMBER IN TWO INCH CIRCLE = 8

NUMBER IN THREE INCH CIRCLE = 8