

C6498829

MODEL 700TM M24

Model **SWS** TM

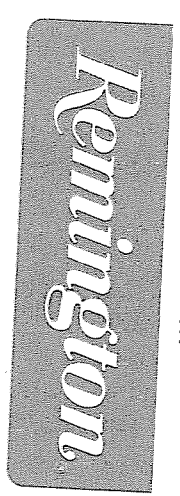
Action

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: **RE00124476** Serial: **C6498829** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair Status: **New 1/30/2007 9:58:33 AM**

Address Information

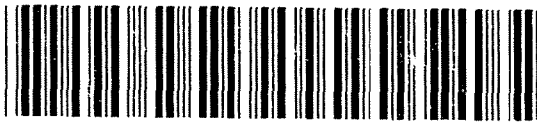
Customer: ☒ Received From Return To: ☐ Received From
 Name: **USPFO FOR COLORADO** **USPFO FOR COLORADO**
 Address 1: **1181 KILMER STREET** **1181 KILMER STREET**
 Address 2: _____ PO Box: _____ PO Box: _____
 City: **GOLDEN** **GOLDEN**
 State: **CO** Zip Code: **80401** Country: **US** State: **CO** Zip Code: **80401** Country: **US**
 FFL: _____

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																					
Contact Information Phone: NA Fax: _____ Email: _____ Comments: _____		Received Condition Fair Condition Notes: _____ CSR Notes: _____	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <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>A057</td> <td>Frt and Rear Sgt Base</td> <td>2</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	A057	Frt and Rear Sgt Base	2
Code	Desc	Qty																							
A007	With Stud	3																							
A010	Hard Case	1																							
A017	Scope Base	1																							
A026	Scope	1																							
A045	Bi Pod	1																							
A057	Frt and Rear Sgt Base	2																							

Repair Search Refresh Close

magletj 1/30/2007 11:03 AM CAPS NUM INS SCRL

start 2 Mic... Arms S... Part S... 3 Int... 5 Mic... Travel 11:03 AM

Serial Number: **C6498829**
 Model: **M24 SWS**

RE00124476

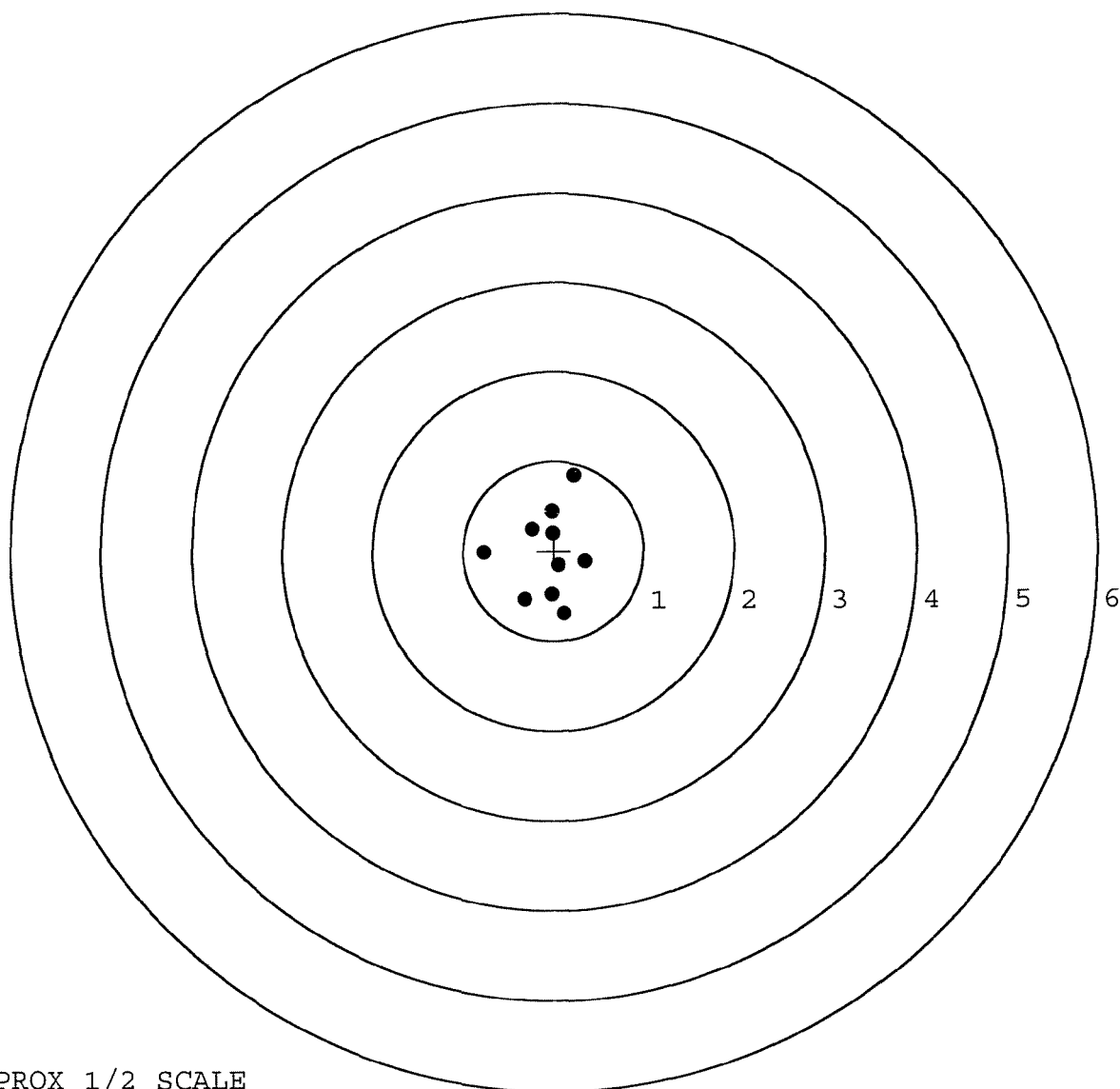
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498829.___0
FILE DATE AND TIME: 03/02/2007 15:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.576
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.142
The Distance from Centroid Target #3 to Centroid Target #1:	0.061
The Distance from Centroid Target #4 to Centroid Target #1:	0.110
The Distance from Centroid Target #5 to Centroid Target #1:	0.270

SERIAL NUMBER: C6498829. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.118	-0.703
FILE DATE: 03/02/2007	2:	-0.021	-0.487
FILE TIME: 15:04	3:	-0.321	-0.544
	4:	-0.771	-0.014
X CENTROID: -0.064	5:	0.229	0.842
Y CENTROID: -0.030	6:	-0.022	0.443
POA TO CENTROID: 0.071	7:	-0.240	0.241
HORZ SPREAD: 1.119	8:	-0.014	0.196
VERT SPREAD: 1.545	9:	0.348	-0.114
GROUP SPREAD: 1.549	10:	0.051	-0.164
MIN RADIUS: 0.176			
MAX RADIUS: 0.920			
MEAN RADIUS: 0.498			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



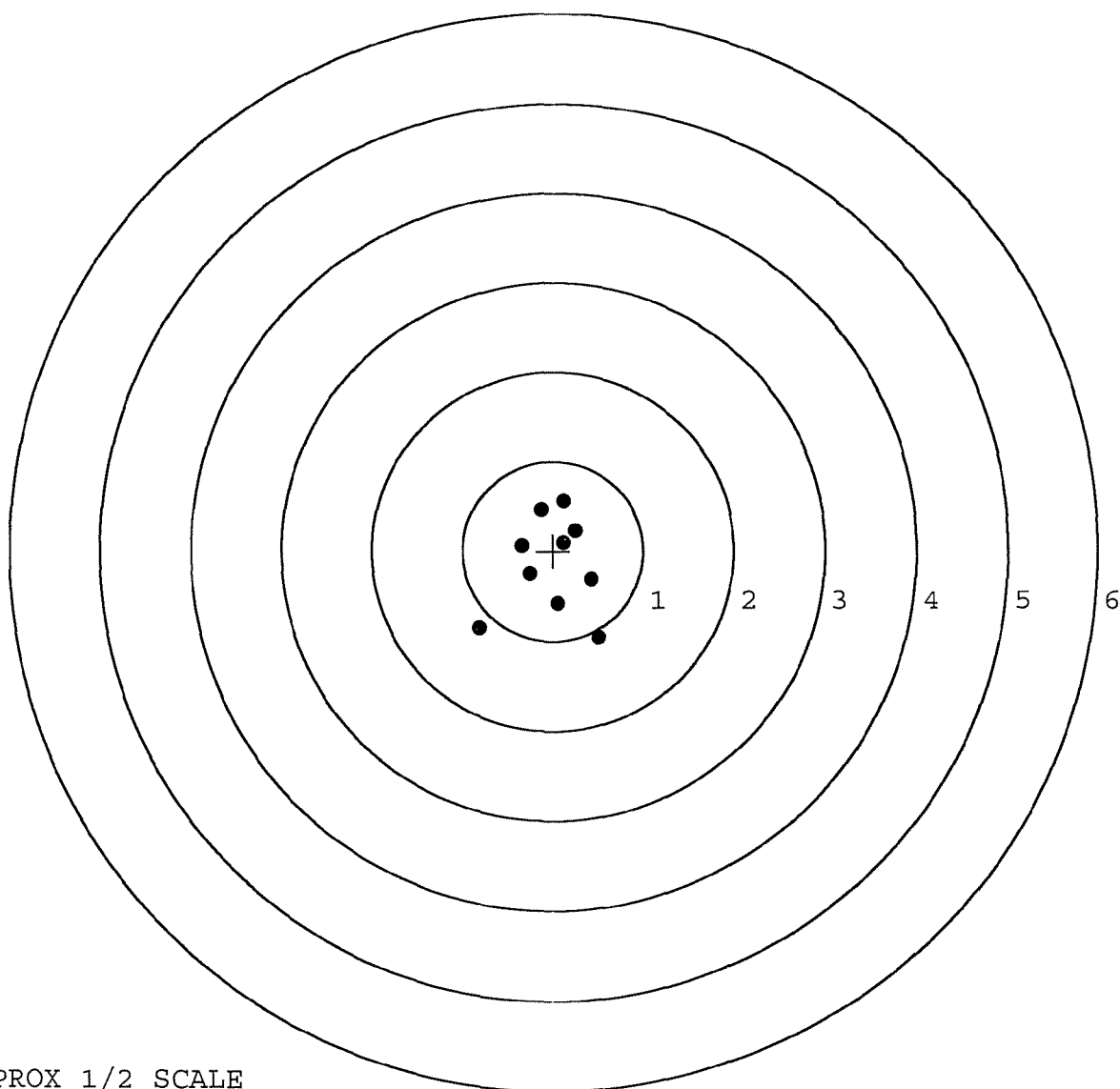
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. __0
TARGET NUMBER: 2
FILE DATE: 03/02/2007
FILE TIME: 15:04

X CENTROID: -0.008
Y CENTROID: -0.161
POA TO CENTROID: 0.161
HORZ SPREAD: 1.327
VERT SPREAD: 1.523
GROUP SPREAD: 1.697
MIN RADIUS: 0.274
MAX RADIUS: 1.066
MEAN RADIUS: 0.571

POINT#	X	Y
1:	0.512	-0.964
2:	0.054	-0.589
3:	0.429	-0.323
4:	-0.815	-0.858
5:	-0.263	-0.262
6:	-0.349	0.056
7:	0.253	0.223
8:	0.119	0.092
9:	-0.138	0.456
10:	0.118	0.559

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



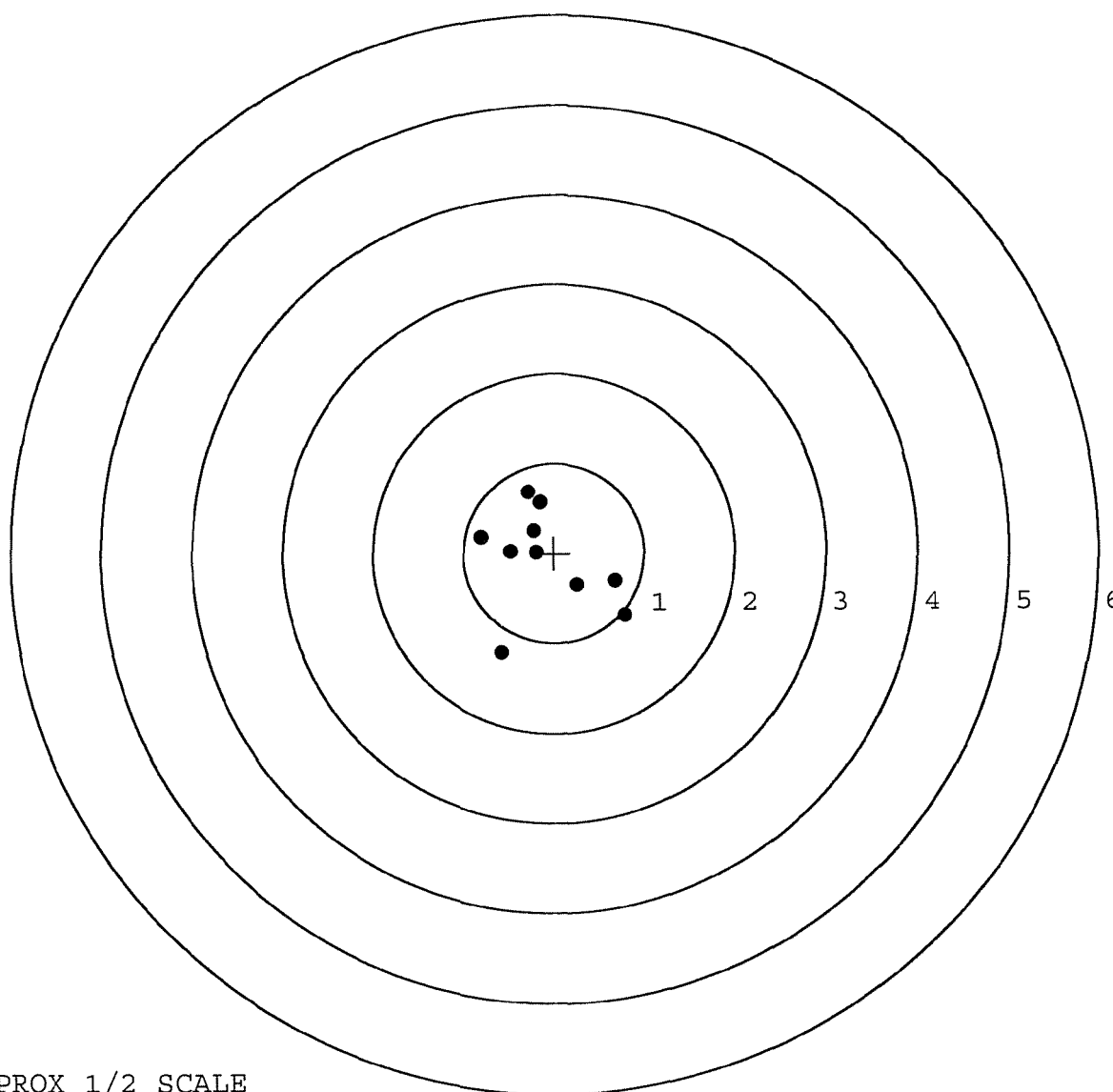
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. __0
TARGET NUMBER: 3
FILE DATE: 03/02/2007
FILE TIME: 15:04

X CENTROID: -0.104
Y CENTROID: -0.076
POA TO CENTROID: 0.129
HORZ SPREAD: 1.589
VERT SPREAD: 1.795
GROUP SPREAD: 1.820
MIN RADIUS: 0.129
MAX RADIUS: 1.143
MEAN RADIUS: 0.654

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.289	0.684
2:	-0.156	0.567
3:	-0.197	0.013
4:	-0.488	0.021
5:	-0.807	0.180
6:	-0.591	-1.111
7:	0.258	-0.354
8:	0.674	-0.311
9:	0.782	-0.700
10:	-0.229	0.248



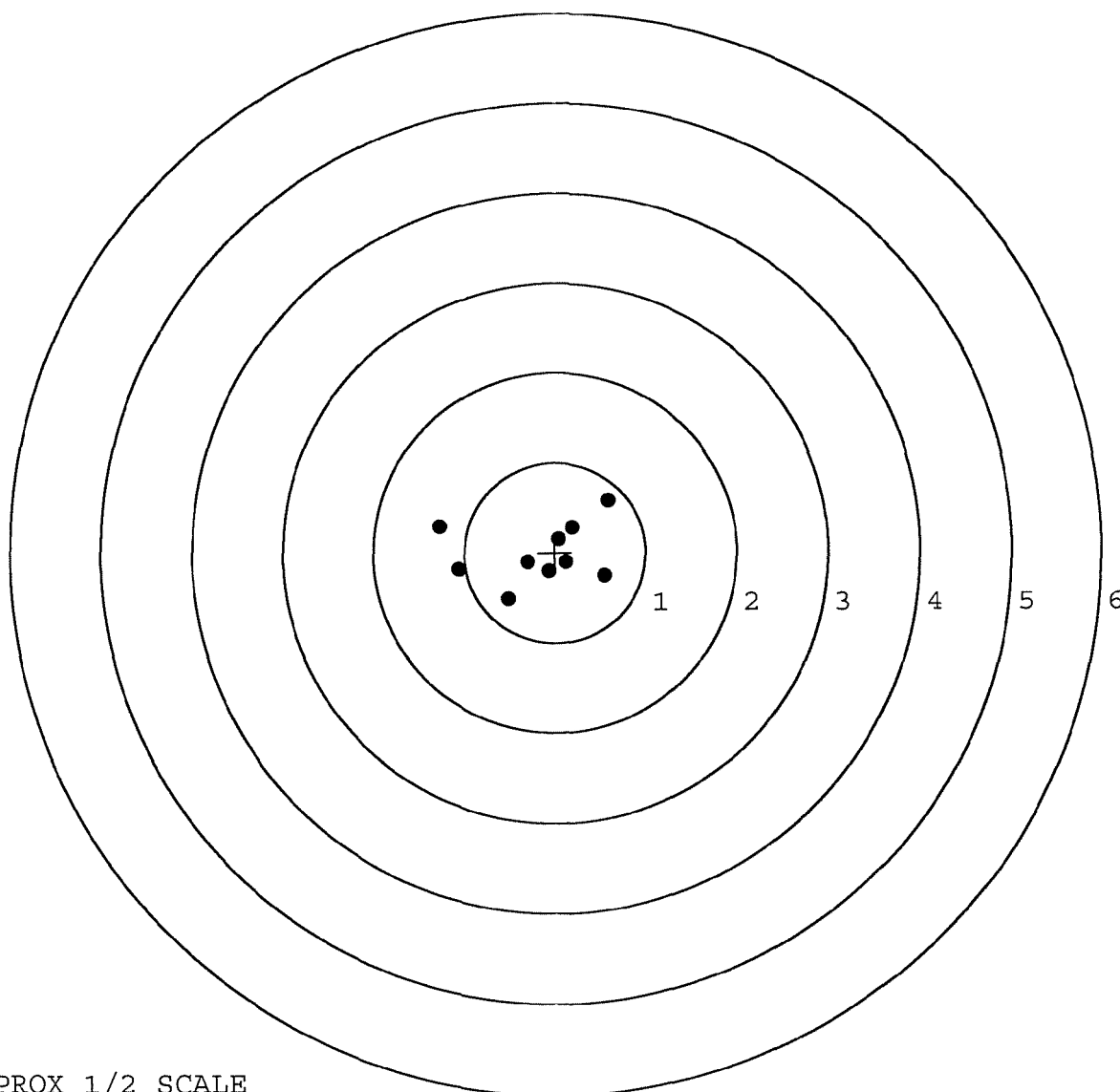
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. __0
TARGET NUMBER: 4
FILE DATE: 03/02/2007
FILE TIME: 15:04

X CENTROID: -0.172
Y CENTROID: -0.008
POA TO CENTROID: 0.173
HORZ SPREAD: 1.866
VERT SPREAD: 1.100
GROUP SPREAD: 1.900
MIN RADIUS: 0.162
MAX RADIUS: 1.140
MEAN RADIUS: 0.582

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.548	-0.254
2:	0.593	0.583
3:	0.187	0.285
4:	-1.273	0.288
5:	-1.063	-0.191
6:	-0.514	-0.517
7:	-0.301	-0.107
8:	0.045	0.152
9:	0.124	-0.110
10:	-0.070	-0.208



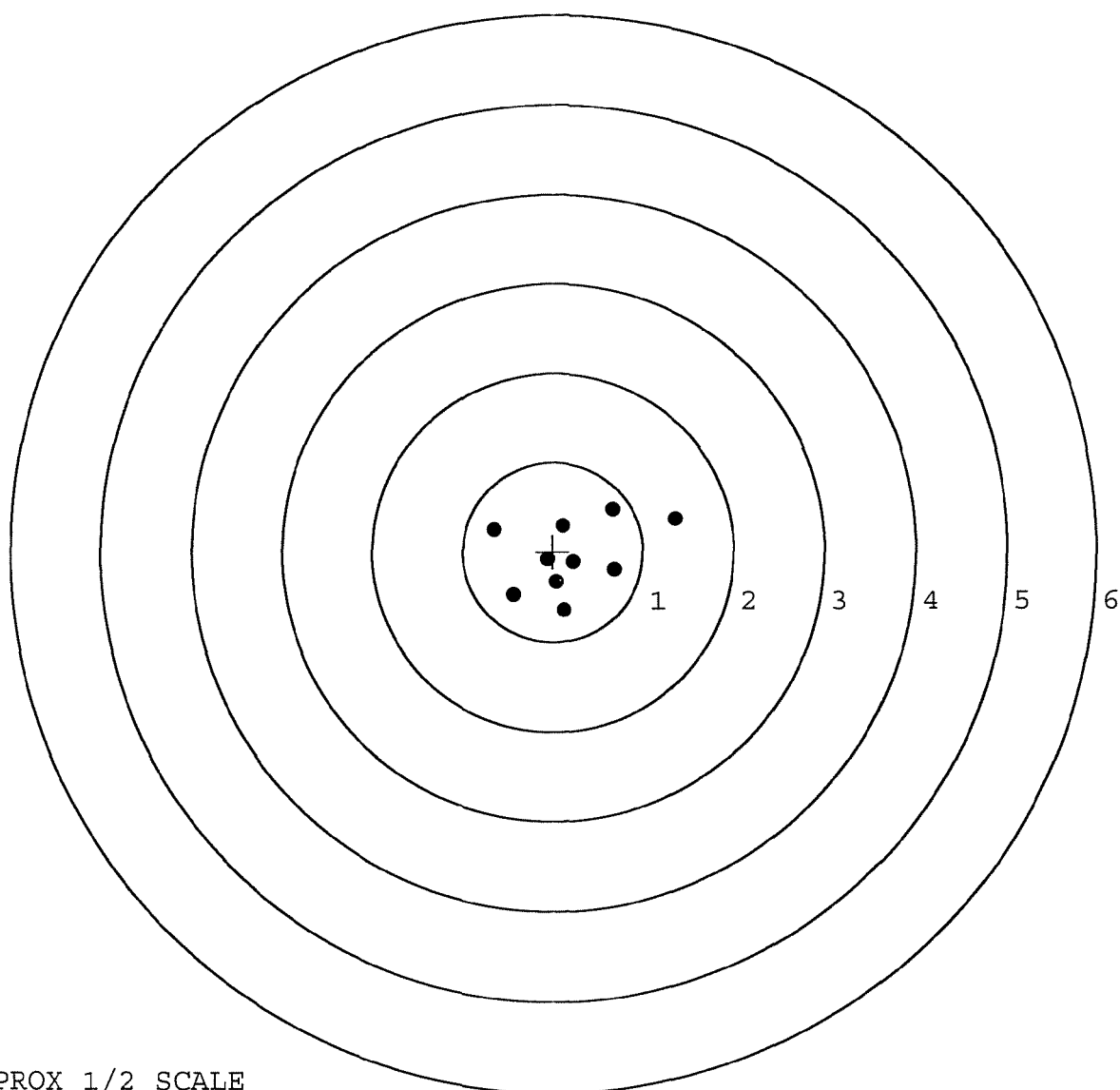
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. __0
TARGET NUMBER: 5
FILE DATE: 03/02/2007
FILE TIME: 15:04

X CENTROID: 0.204
Y CENTROID: -0.050
POA TO CENTROID: 0.211
HORZ SPREAD: 2.014
VERT SPREAD: 1.137
GROUP SPREAD: 2.018
MIN RADIUS: 0.069
MAX RADIUS: 1.227
MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.357	0.370
2:	0.666	0.478
3:	0.683	-0.201
4:	0.124	-0.659
5:	0.108	0.292
6:	-0.657	0.248
7:	-0.443	-0.485
8:	0.229	-0.114
9:	0.038	-0.341
10:	-0.060	-0.088

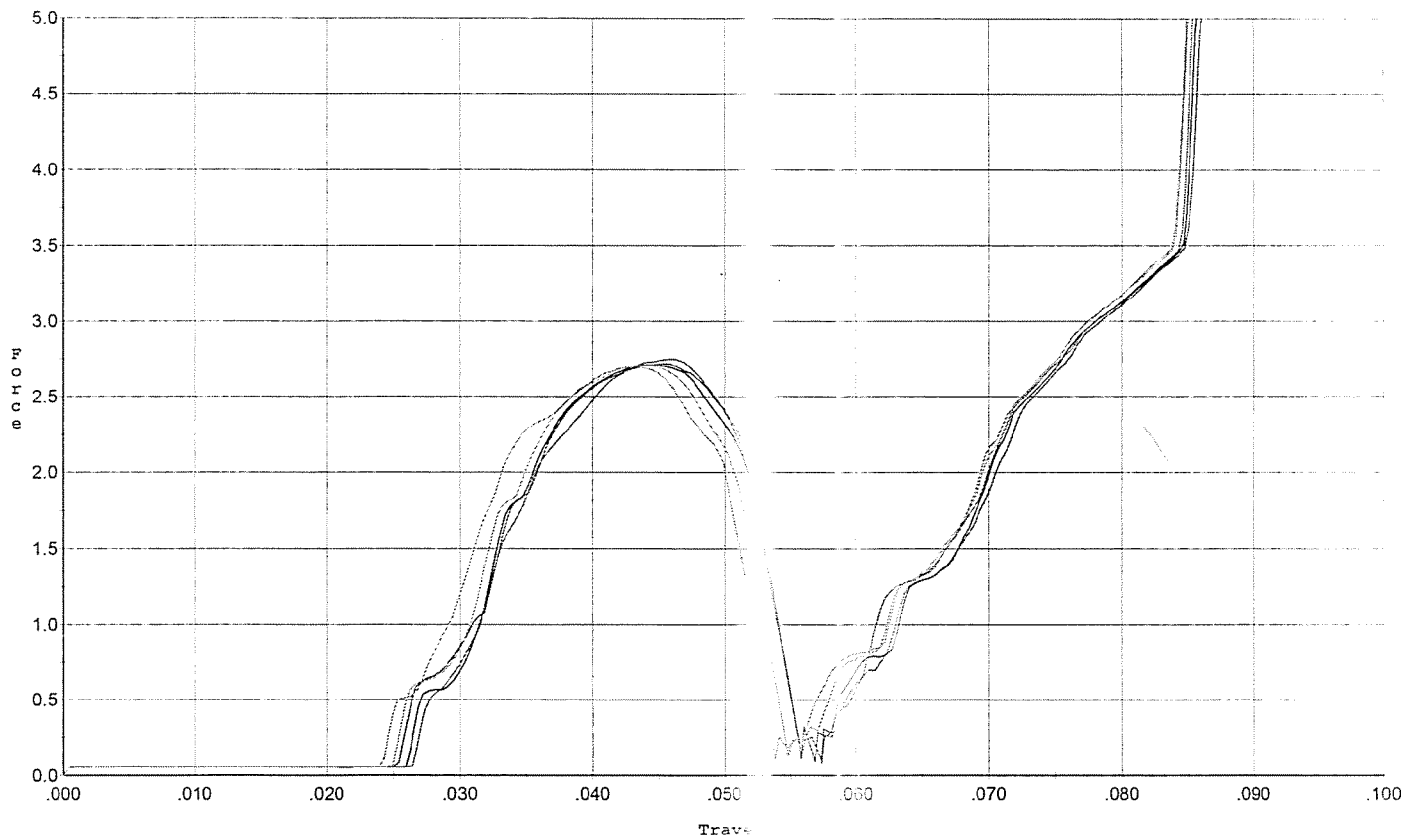


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 initl.



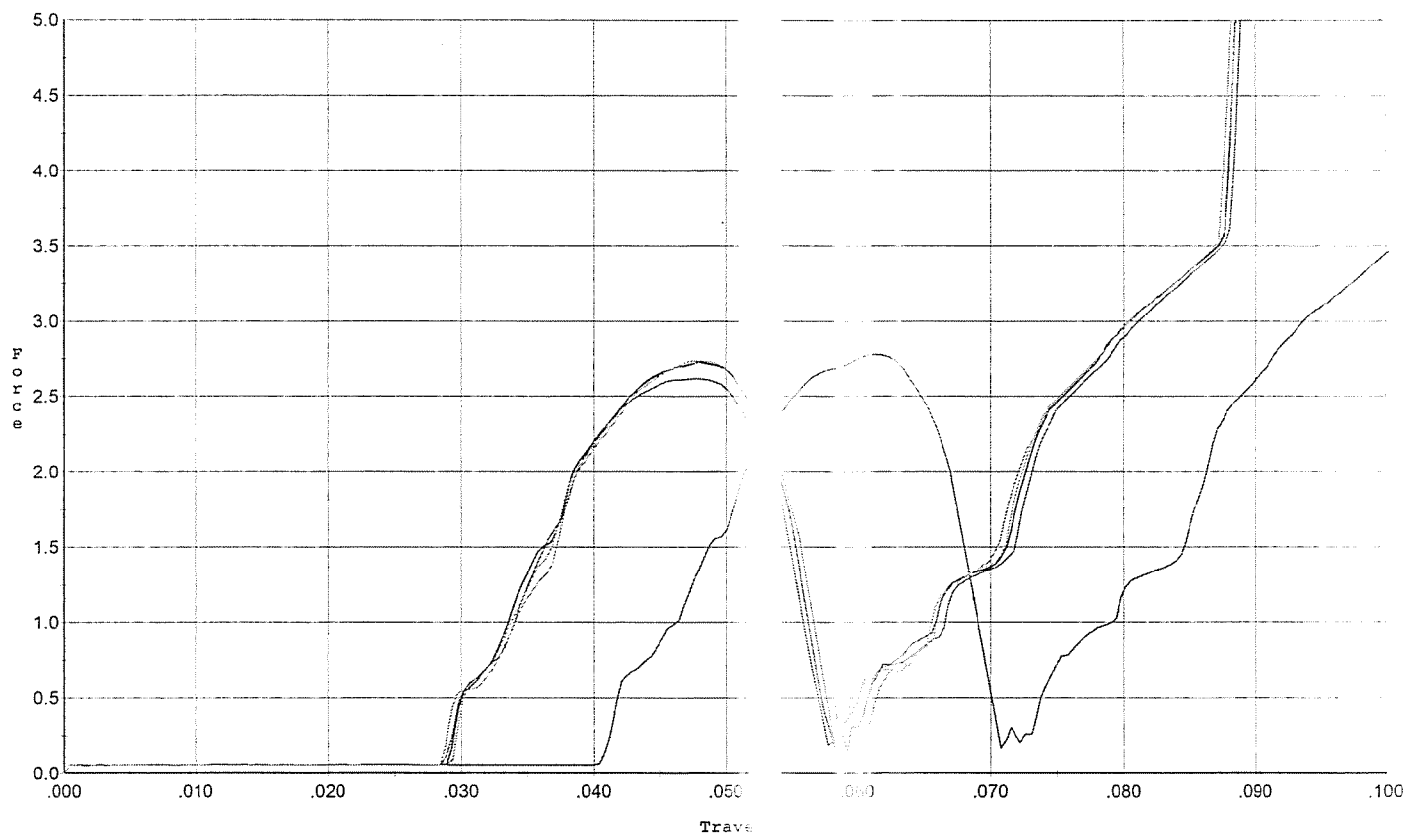
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.717	0.054	0.026	0.031	0.055		Set Trigger
2	2.708	0.054	0.026	0.031	0.055		Set Trigger
3	2.747	0.053	0.027	0.031	0.054		Set Trigger
4	2.704	0.052	0.025	0.031	0.054		Set Trigger
5	2.701	0.051	0.024	0.031	0.054		Set Trigger

Aug 2.71

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 after 50 cycles



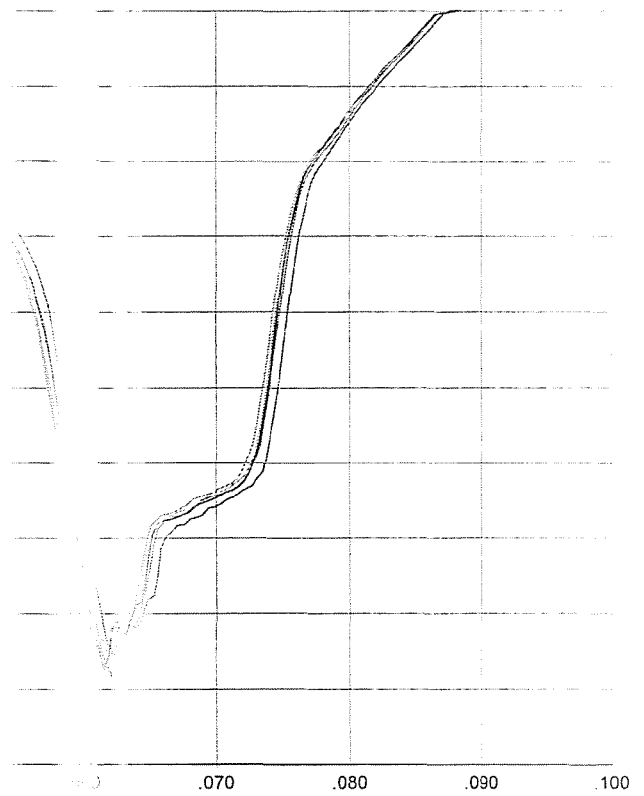
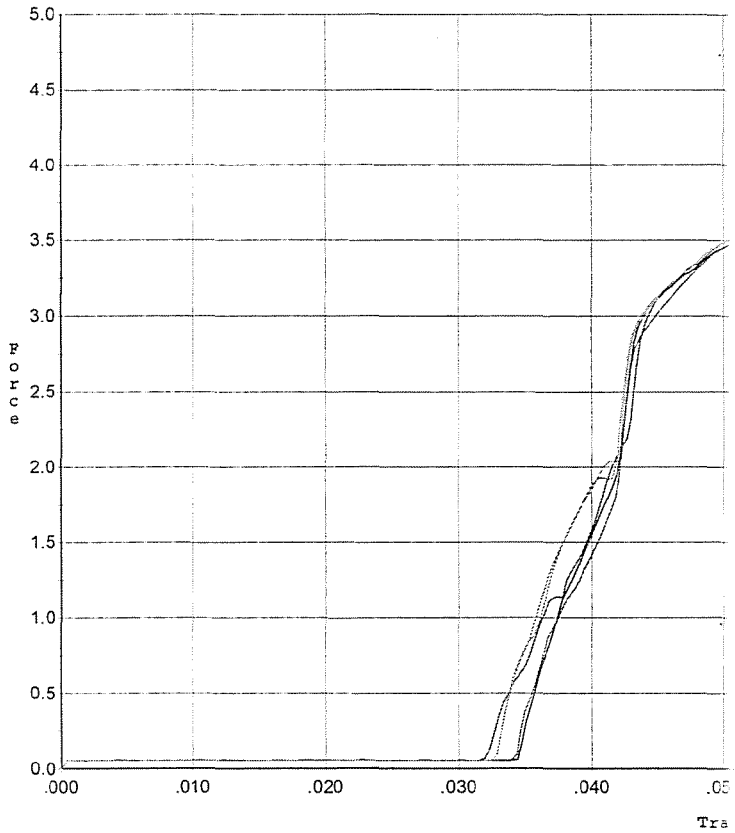
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.780	0.069	0.041	0.04	0.056		Set Trigger
2	2.725	0.055	0.029	0.03	0.052		Set Trigger
3	2.615	0.054	0.029	0.03	0.050		Set Trigger
4	2.734	0.055	0.030	0.03	0.052		Set Trigger
5	2.728	0.056	0.029	0.03	0.053		Set Trigger

Avg 2.71

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M24
Serial No: Form #F005
Trigger: 3.0 initl.



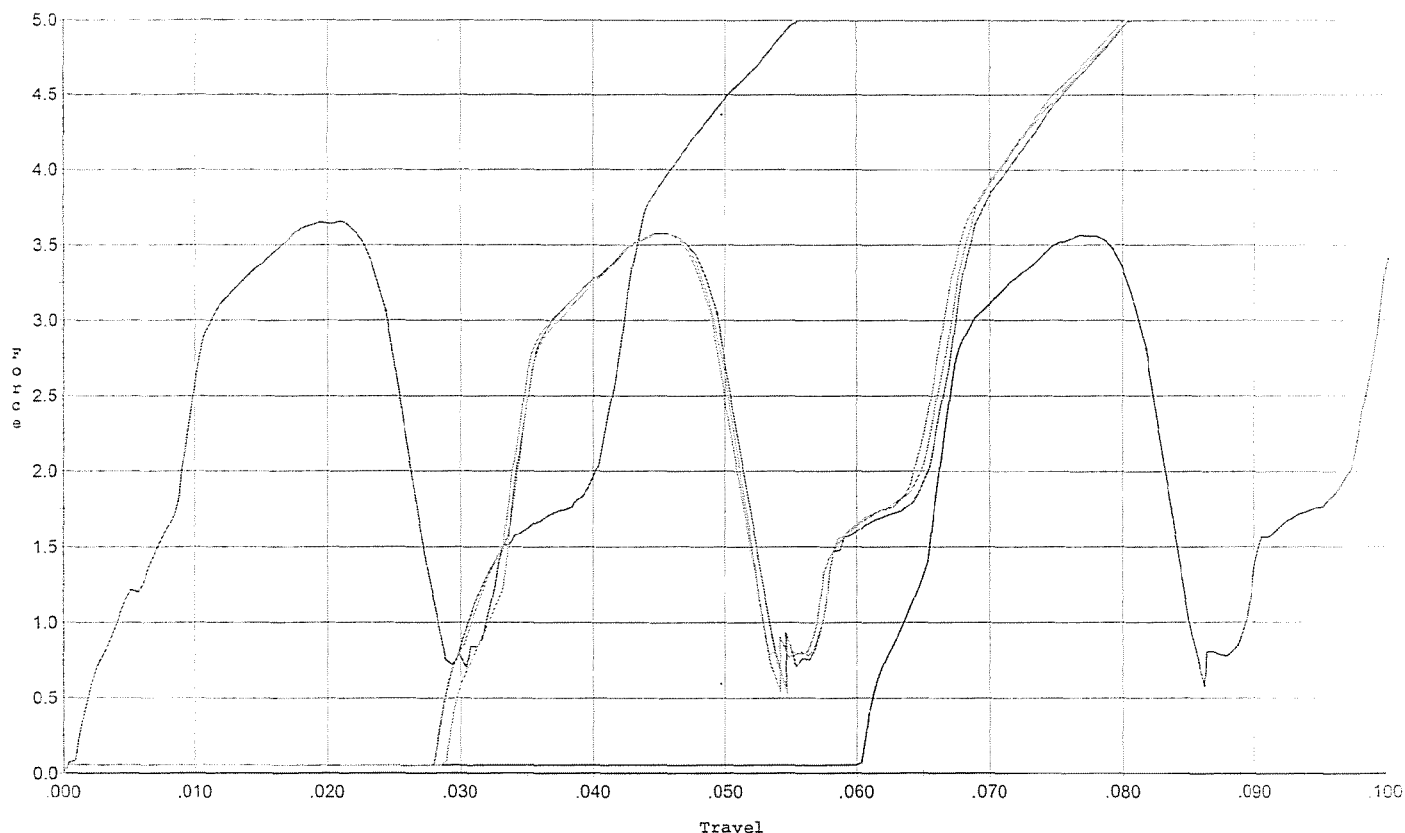
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.600	0.057	0.032	0.00	0.065		Set Trigger
2	3.555	0.057	0.035	0.00	0.062		Set Trigger
3	3.550	0.059	0.035	0.00	0.064		Set Trigger
4	3.571	0.058	0.033	0.00	0.066		Set Trigger
5	3.545	0.057	0.033	0.00	0.064		Set Trigger

Aug 3.56

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 after 20 cycles



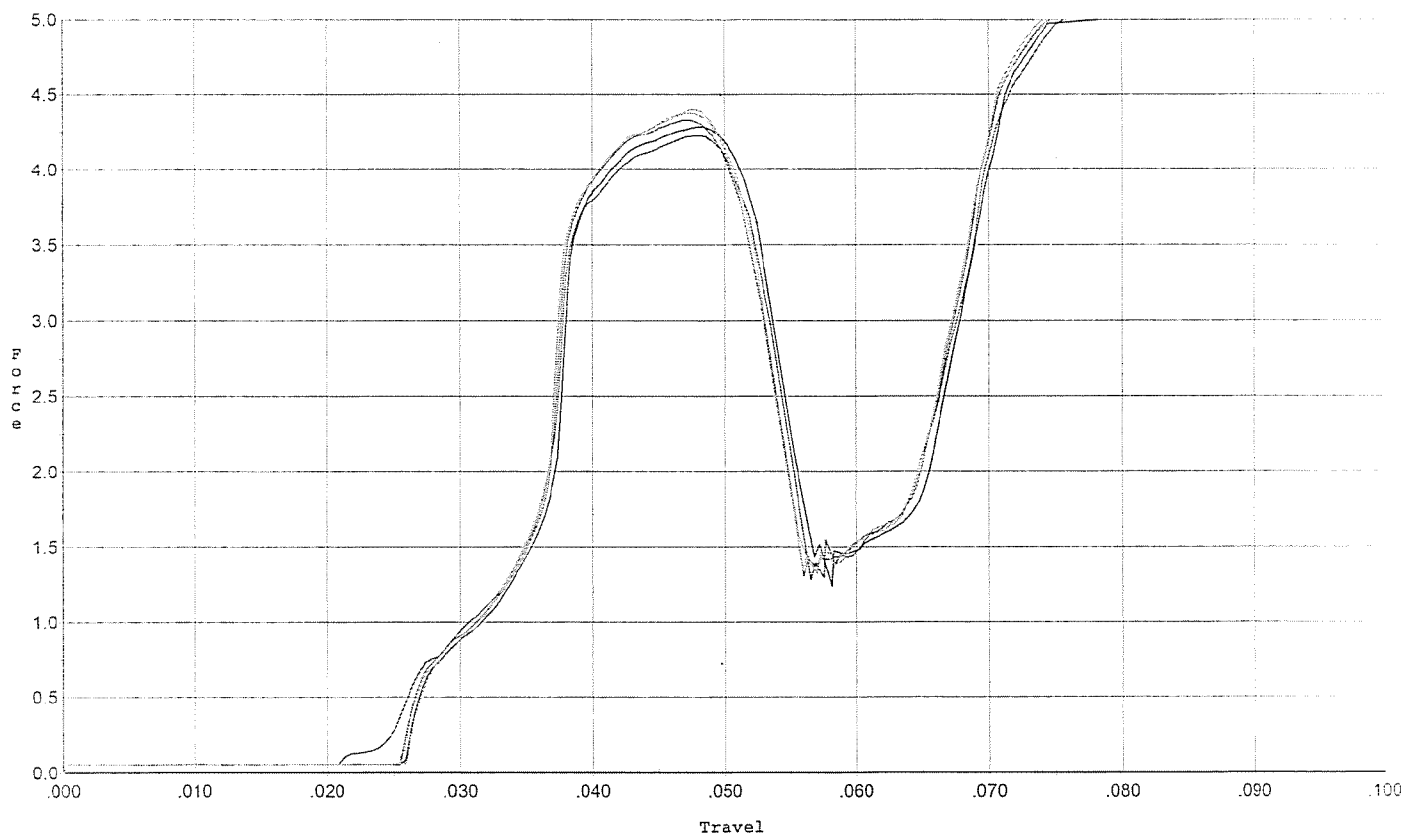
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.656	0.024	0.00	0.035	0.057		Set Trigger
2	3.564	0.082	0.061	0.037	0.063		Set Trigger
3	3.579	0.049	0.028	0.034	0.060		Set Trigger
4	3.578	0.050	0.029	0.034	0.058		Set Trigger
5	3.582	0.051	0.028	0.034	0.061		Set Trigger

Avg 3.59

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 initl.



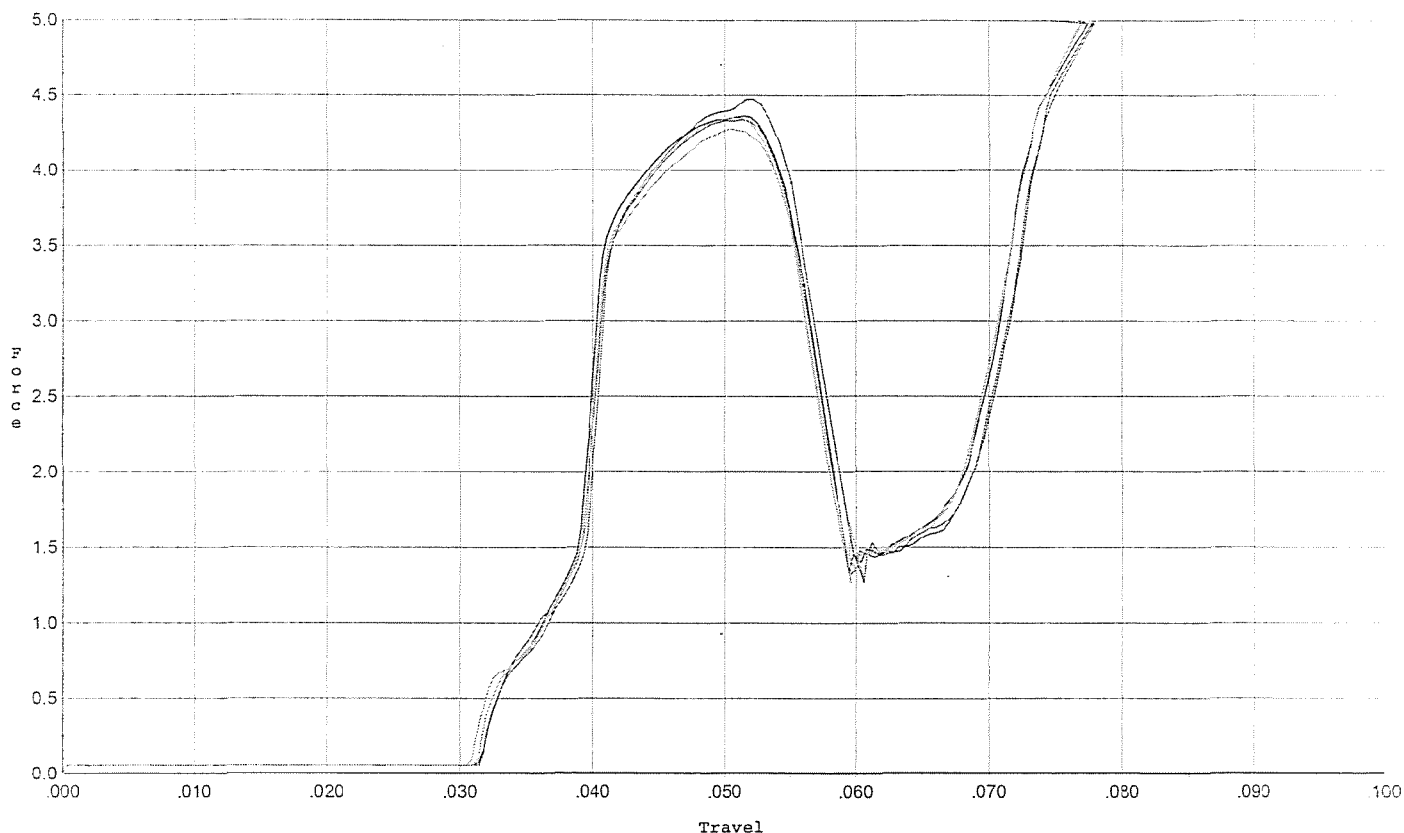
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.223	0.053	0.025	0.034	0.079		Set Trigger
2	4.282	0.052	0.026	0.034	0.077		Set Trigger
3	4.330	0.053	0.026	0.034	0.077		Set Trigger
4	4.399	0.052	0.026	0.033	0.077		Set Trigger
5	4.375	0.053	0.026	0.034	0.078		Set Trigger

Avg 4.32

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 after 20 cycles



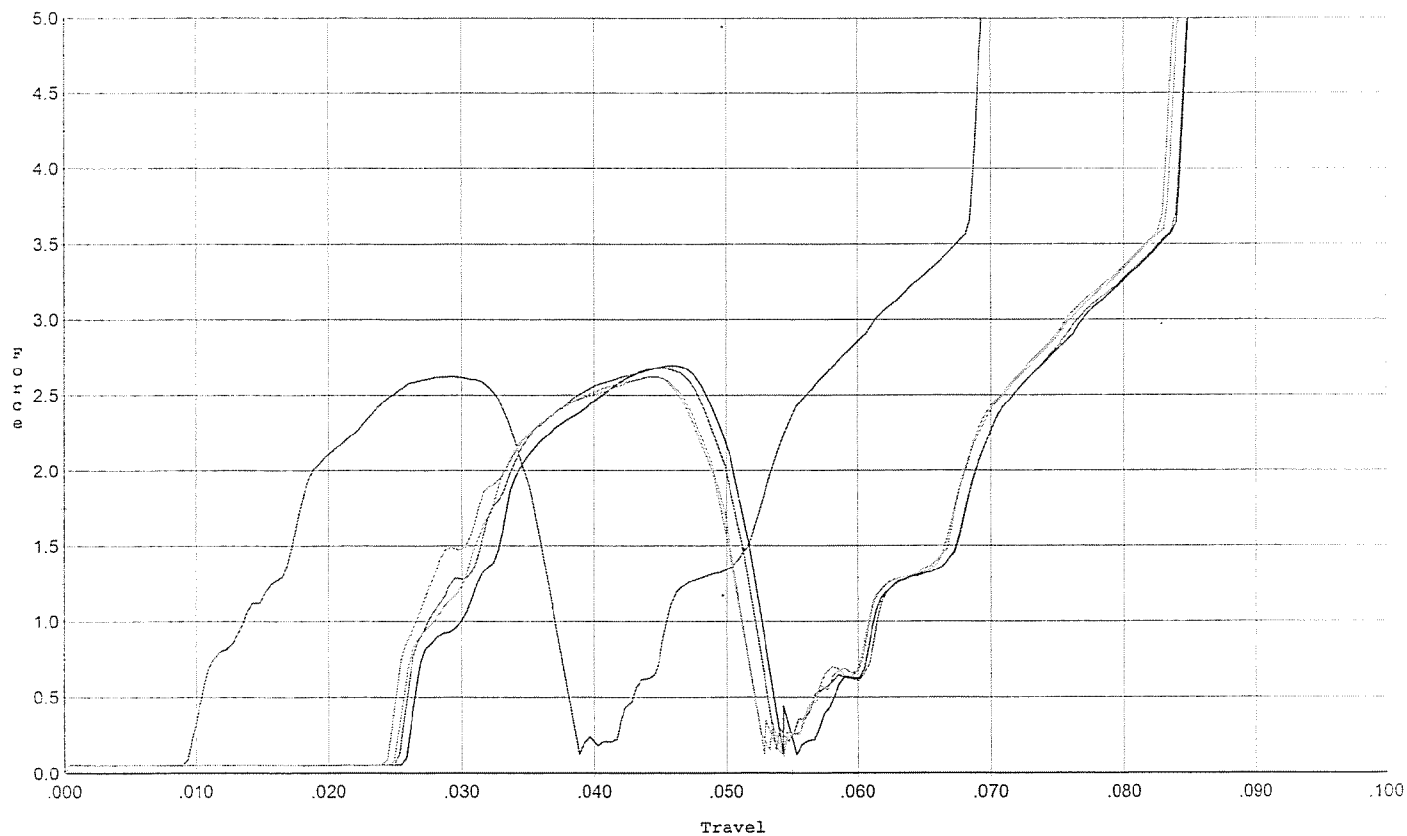
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.472	0.055	0.032	0.034	0.076		Set Trigger
2	4.358	0.056	0.032	0.033	0.077		Set Trigger
3	4.335	0.056	0.032	0.034	0.075		Set Trigger
4	4.347	0.055	0.032	0.034	0.074		Set Trigger
5	4.274	0.055	0.031	0.034	0.073		Set Trigger

Aug 4.35

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 reset final test



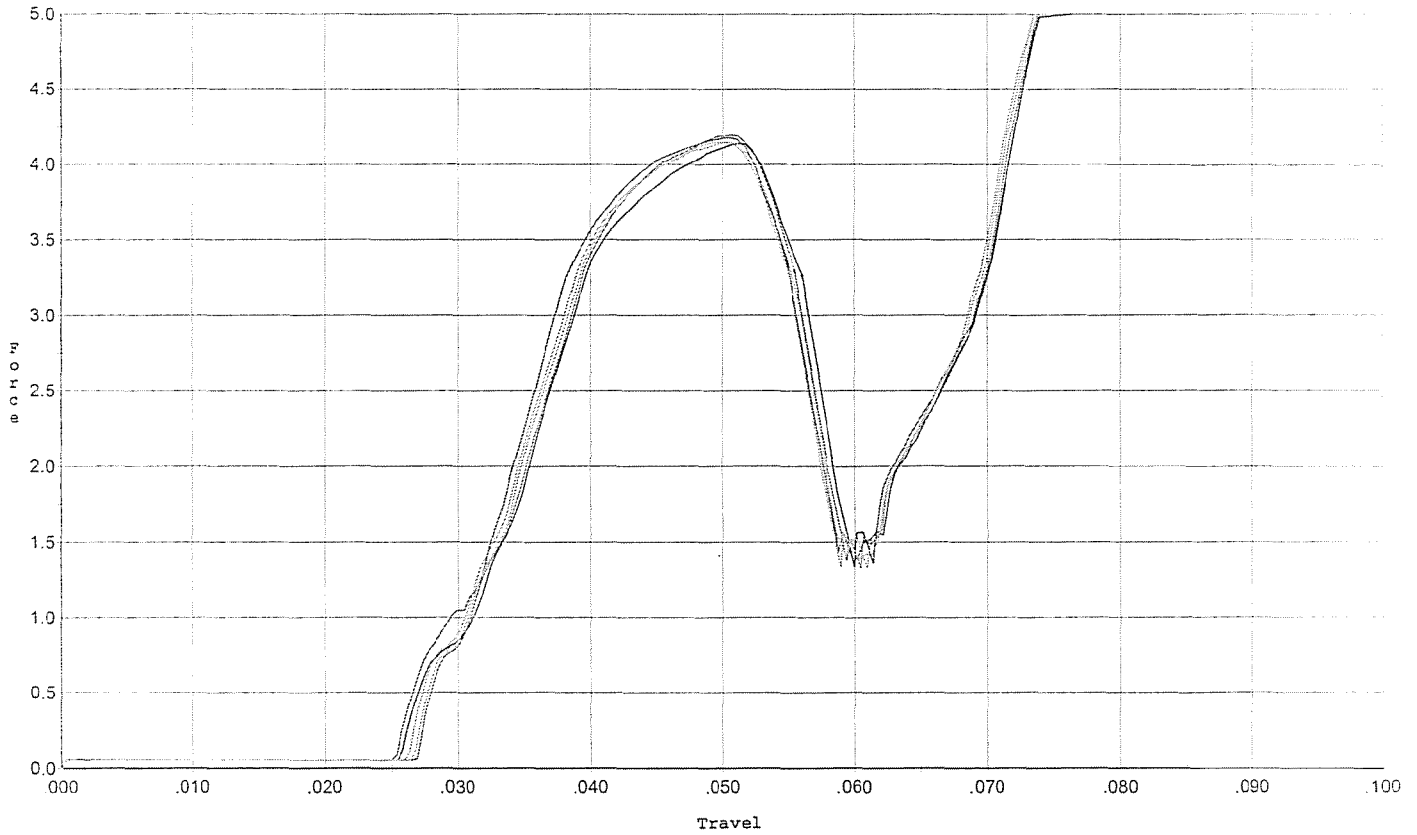
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.622	0.037	0.010	0.041	0.051		Set Trigger
2	2.696	0.052	0.026	0.037	0.053		Set Trigger
3	2.686	0.051	0.025	0.037	0.054		Set Trigger
4	2.620	0.050	0.025	0.038	0.051		Set Trigger
5	2.624	0.050	0.025	0.037	0.053		Set Trigger

Avg 2.65

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: S. Day 1/3/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 reset for target and accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.177	0.055	0.026	0.033	0.088		Set Trigger
2	4.141	0.056	0.026	0.032	0.087		Set Trigger
3	4.196	0.055	0.027	0.033	0.086		Set Trigger
4	4.148	0.056	0.027	0.032	0.086		Set Trigger
5	4.150	0.055	0.027	0.033	0.085		Set Trigger

Aug 4.15

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

R & E NUMBER	124476		
SERIAL NUMBER	010498829		
LOG-IN DATE	1-30-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-6-07	RTZ
505	RE-BARREL	2-7-07	RTZ
560	ASSEMBLE	2-17-07	RTZ
600	PROOF	2-7-07	FM
605	CHECK HEADSPACE	INSPECTED	2-7-07 FM
610	DIS-ASSEMBLE GUN	FEB 13 2007	2-7-07 RTZ
612	MAGNAFLUX	OPERATOR CPD	2-13-07 APD
510	DRILL AND TAP		2-12-07 TRW
615	ROLLMARK CALIBER		2-13-07 CW
618	ROTO-BLAST		2-13-07 UB
620	APPLY COATINGS		2-18-07 WS
625	FINAL ASSEMBLY		2-1-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	3-2-07 TRW
650	TARGET	(PASS) FAIL	3-2-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		3-2-07 Fin
	A) HEADSPACE	(PASS) FAIL	3/6/07 non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	280 282 279 283 277 3-6-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	50 50 50 3-6-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	20 20 20 3-6-07 DA
	I) FIRING PIN INDENT	.020	.023 .022 .022 3-6-07 DA
690	PACK		3-9-07 DA

Remington®



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

MODEL 700™ M24

SERIAL NO.

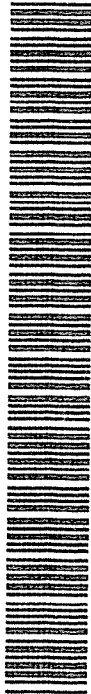
C6498829

ORDER NO.

5716

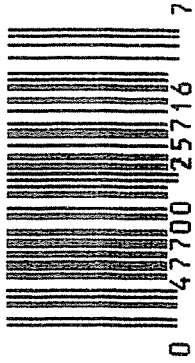
01

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



5716 C6498829

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498829

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/17/90	RW
600	Proof		5/17/90	RW
607	Check Headspace		5/17/90	RW
610	Dis-assemble Gun		5/17/90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	GS
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel <i>W.B.</i>		5/24/90	W.B.
620	Apply Coatings (Barrel Action)		6/4/90	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			6/12/90	WB
	G) Safety Off Force	2	2	2			6/12/90	WB
	H) Trigger Pull Test & Retainability						6-11-90	JH
	I) Firing Pin Indent	.023	.022	.0215			6/12/90	WB
	J) Assemble Stock						6/13/90	RW
	K) Assemble Swivel Studs						6/14/90	JH
	L) Attach Front and Rear Sight Assemblies						6/13/90	RW
	M) Iron Sight Alignment						6/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/13/90	RW
	O) Attach Scope to Rifle						6/13/90	WB
	P) Detach & Attach Scope 20 Times						6/13/90	WB
640	Gallery Target & Test						6-13-90	DH
	A) Time						6-13-90	DH
	B) Malfunctions						6-13-90	DH
	C) Pierced Primers						6-13-90	DH
	D) Optical Clarity of Scope						6-13-90	DH
645	Inspect for Live Ammo						6-13-90	DH
655	Final Inspection							
	A) Headspace						6/14/90	JH
	B) Trigger Pull	2.36	2.35	2.32	2.36	2.27	6/14/90	JH
	C) Function						6/14/90	JH
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498829

DATE 6-11-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.47	2.35	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.32	2.30	2.35	
PULL #3	2.27	2.35	2.42	2.32	
PULL #4	2.48	2.41	2.40	2.36	
PULL #5	2.42	2.33	2.45	2.27	
TOTAL	11.72	11.88	11.92		
AVG.	2.344	2.376	2.384		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.34		
PULL #2	3.37	3.40		
PULL #3	3.35	3.39		
PULL #4	3.35	3.40		
PULL #5	3.42	3.35		
TOTAL	16.83	16.88		
AVG.	3.366	3.376		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.61	4.40		4.41
PULL #2	4.42	4.43		4.44
PULL #3	4.36	4.35		4.46
PULL #4	4.37	4.38		4.45
PULL #5	4.31	4.43		4.41
TOTAL	21.97	21.99		22.17
AVG.	4.394	4.398		4.434

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498829
13 Jun 1990

CENTROIDAL DISTANCES

0	TO	1	.248365
1	TO	2	.194366
1	TO	3	.219246
1	TO	4	.229713
1	TO	5	.390114

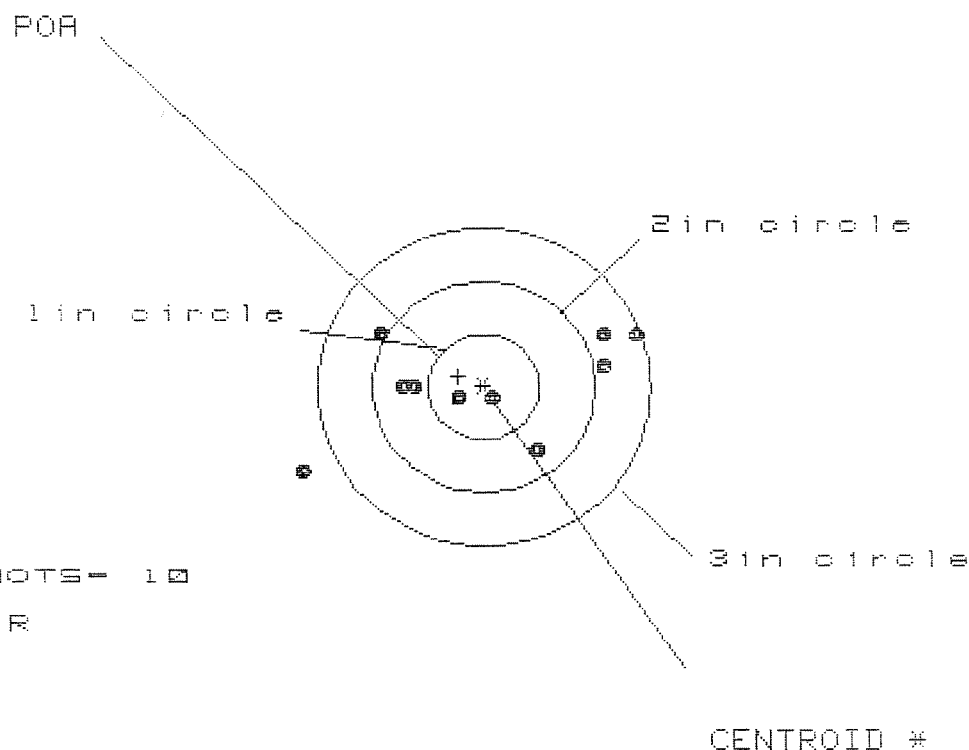
53 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0562
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0771121
THE AMR FOR THIS RIFLE IS: .8362

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B829

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.032

VS= 1.239

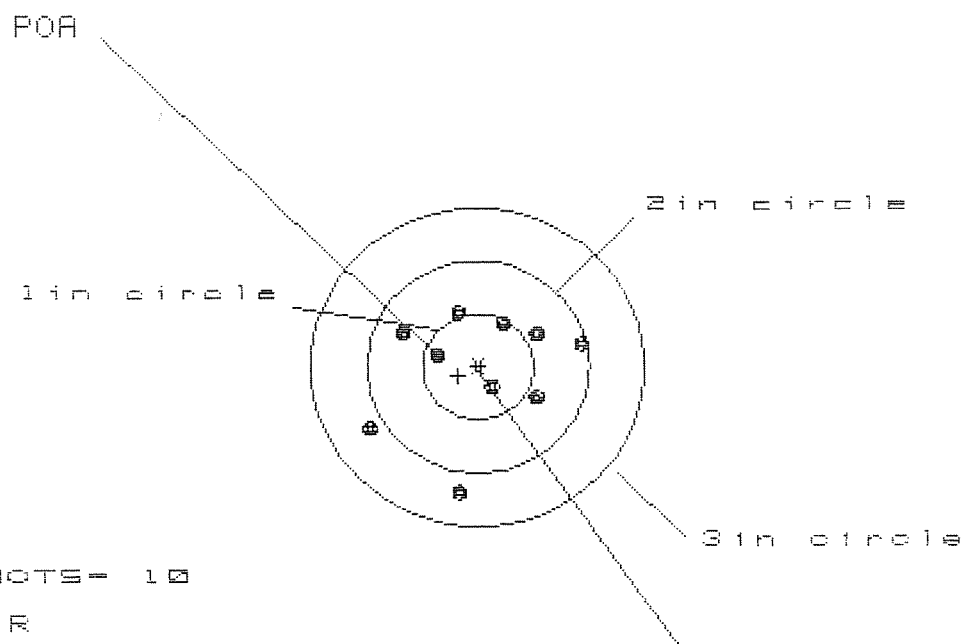
GS= 3.275

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.406	1.226	1.062
MINIMUM X	:	-1.626	-1.089	-.936
MAXIMUM Y	:	.479	.394	.436
MINIMUM Y	:	-.760	-.718	-.669
CENTROID X	:	.226	.406	.253
CENTROID Y	:	-.103	-.018	-.067
POR TO CENTROID in.	:	.248	.407	.262
MIN RADIUS	:	.125	.171	.129
MEAN RADIUS	:	.907	.824	.730
MAX RADIUS	:	1.795	1.287	1.084
HORIZONTAL SPREAD	:	3.032	2.315	1.998
VERTICAL SPREAD	:	1.239	1.112	1.105
EXTREME SPREAD	:	3.275	2.315	2.022
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C849B829

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.863

VS= 1.701

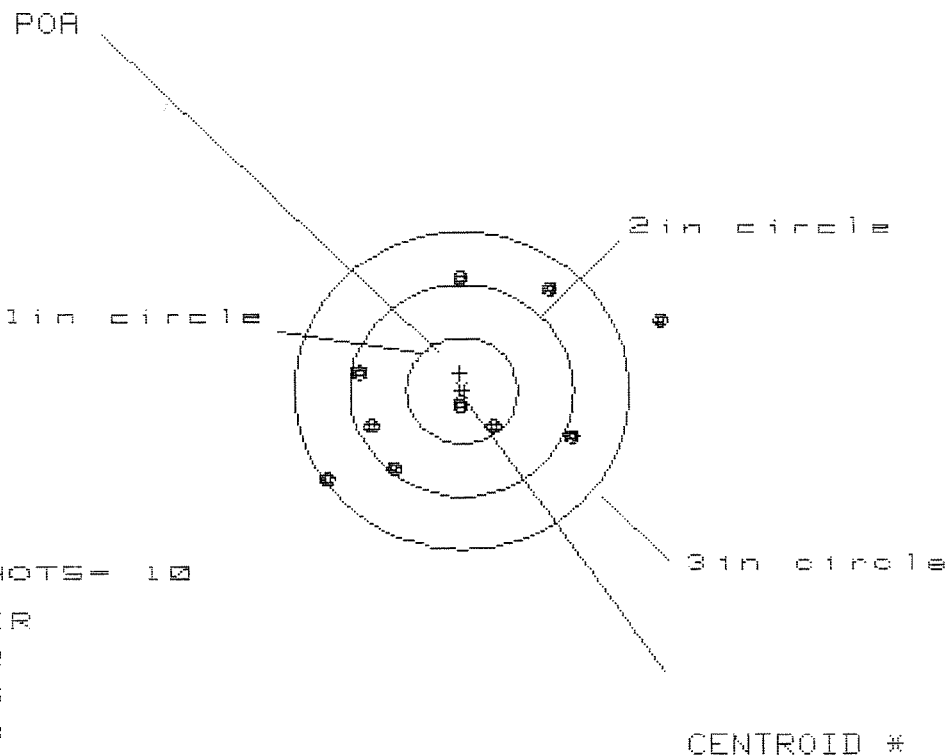
GS= 2.032

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.910	.886	.764
MINIMUM X	:	-.954	-.977	-.859
MAXIMUM Y	:	.563	.436	.351
MINIMUM Y	:	-1.138	-.684	-.473
CENTROID X	:	.173	.196	.318
CENTROID Y	:	.084	.211	.296
POA TO CENTROID in.	:	.192	.288	.435
MIN RADIUS	:	.255	.348	.267
MEAN RADIUS	:	.702	.633	.544
MAX RADIUS	:	1.158	1.193	.871
HORIZONTAL SPREAD	:	1.863	1.863	1.623
VERTICAL SPREAD	:	1.701	1.120	.824
EXTREME SPREAD	:	2.032	2.032	1.626
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6496829

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.997

VS= 1.869

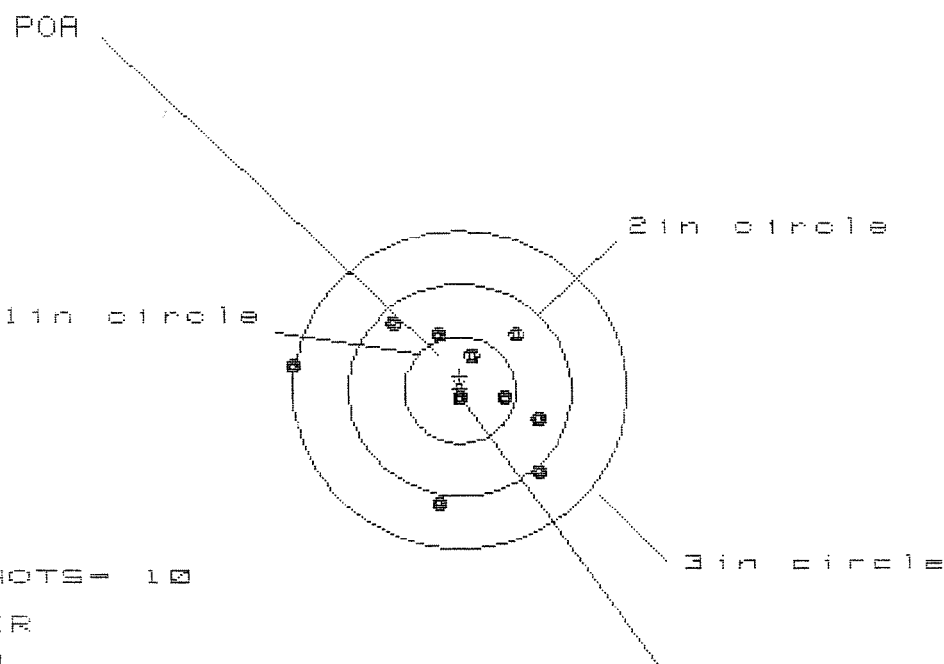
GS= 3.365

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.741	1.178	1.045
MINIMUM X	:	-1.256	-1.063	-.851
MAXIMUM Y	:	1.026	1.102	1.007
MINIMUM Y	:	-.843	-.767	-.755
CENTROID X	:	.016	-.177	-.044
CENTROID Y	:	-.166	-.242	-.147
POA TO CENTROID in.	:	.167	.300	.153
MIN RADIUS	:	.156	.167	.170
MEAN RADIUS	:	1.010	.887	.839
MAX RADIUS	:	1.872	1.419	1.260
HORIZONTAL SPREAD	:	2.997	2.241	1.896
VERTICAL SPREAD	:	1.869	1.869	1.762
EXTREME SPREAD	:	3.365	2.711	2.181
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6496829

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.218

VS= 1.737

GS= 2.411

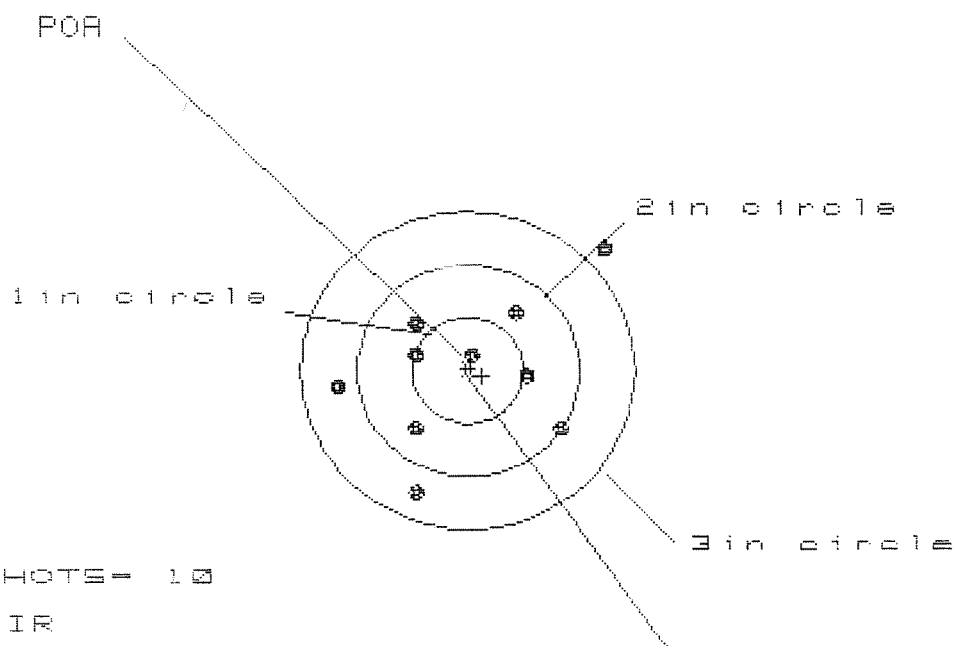
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.740	.576	.530
MINIMUM X	:	-1.478	-.747	-.793
MAXIMUM Y	:	.628	.651	.515
MINIMUM Y	:	-1.109	-1.086	-.850
CENTROID X	:	-.002	.162	.208
CENTROID Y	:	-.131	-.154	-.018
POR TO CENTROID in.	:	.131	.223	.209
MIN RADIUS	:	.045	.151	.220
MEAN RADIUS	:	.727	.621	.534
MAX RADIUS	:	1.492	1.148	1.001
HORIZONTAL SPREAD	:	2.218	1.323	1.323
VERTICAL SPREAD	:	1.737	1.737	1.365
EXTREME SPREAD	:	2.411	1.901	1.901
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498829

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.338

VS = 2.351

GS = 2.880

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	.914	.871
MINIMUM X	:	-1.153	-1.022	-1.065
MAXIMUM Y	:	1.169	.707	.576
MINIMUM Y	:	-1.182	-1.052	-.562
CENTROID X	:	-.132	-.263	-.220
CENTROID Y	:	.052	-.078	.053
POA TO CENTROID in.	:	.142	.275	.226
MIN RADIUS	:	.126	.302	.173
MEAN RADIUS	:	.835	.743	.673
MAX RADIUS	:	1.665	1.107	1.078
HORIZONTAL SPREAD	:	2.338	1.936	1.936
VERTICAL SPREAD	:	2.351	1.759	1.138
EXTREME SPREAD	:	2.880	1.999	1.976
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	