

C6348872

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*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: **RE00141565**

Serial: C6348872 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status: Closed 2/12/2008 7:33:26 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: B CO 3RD BN 1ST SP FORCES GROUP

B CO 3RD BN 1ST SP FORCES GROUP

Address 2: PO Box:

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglelj

2/13/2008

8:57 AM

CAPS

NUM



Serial Number:

C6348872

Model: M24 SWS

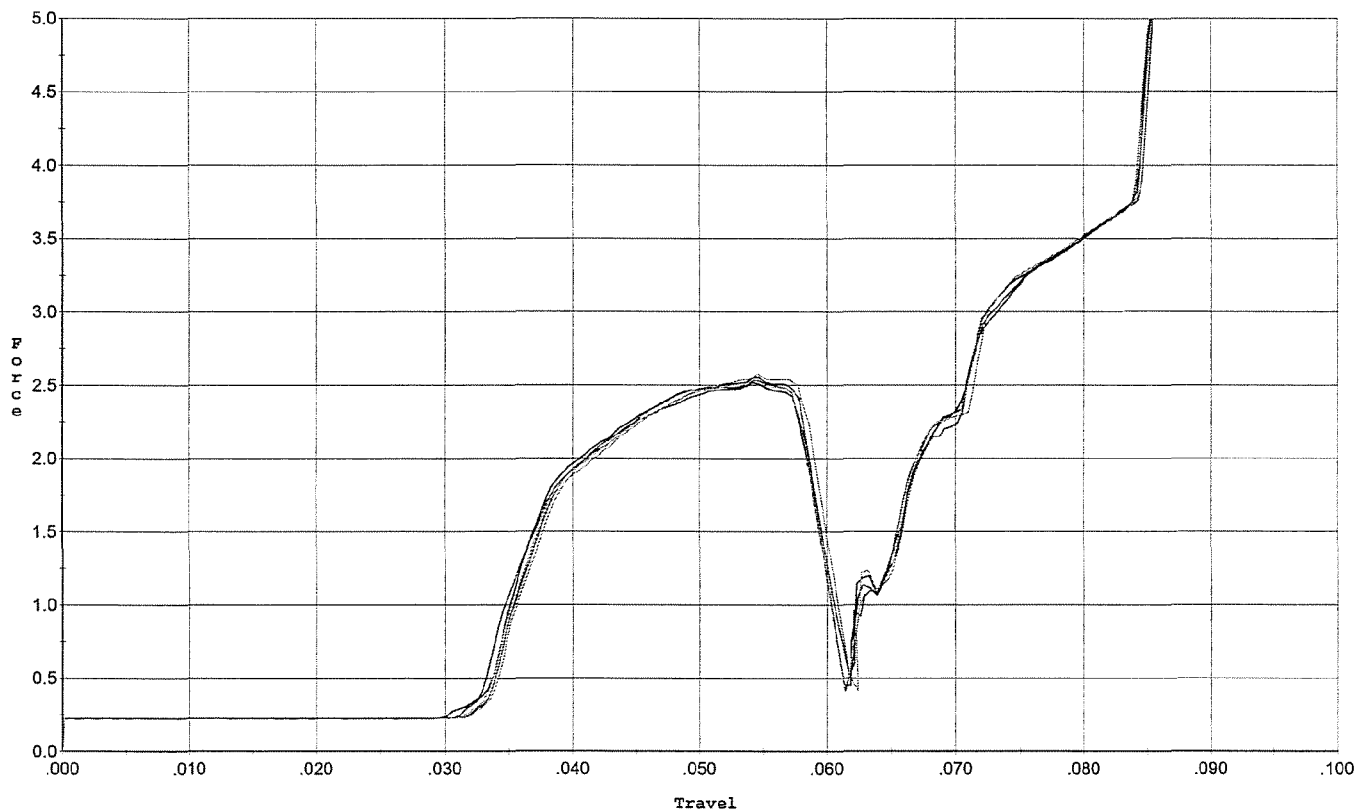


RE00141565

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/10/08

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



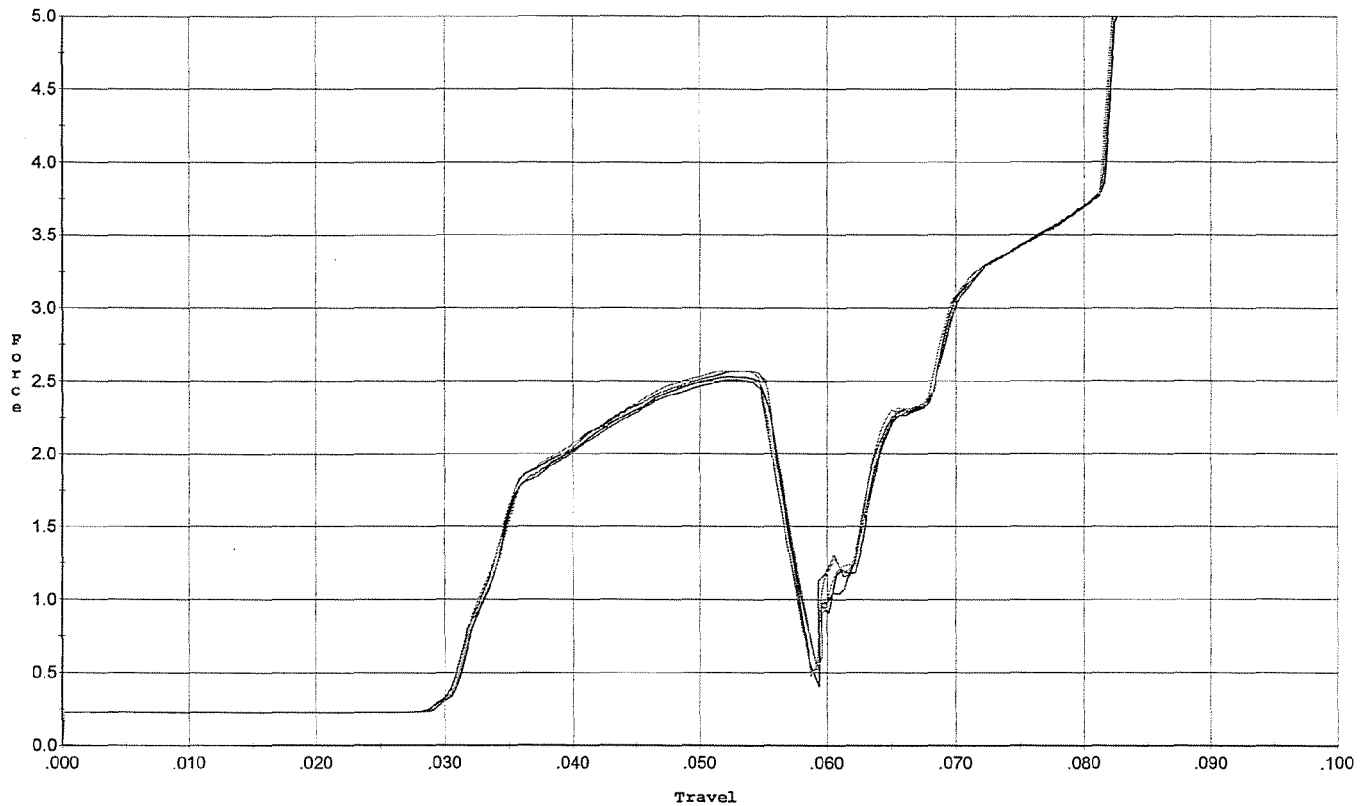
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.532	0.059	0.033	0.033	0.060		Set Trigger
2	2.519	0.058	0.034	0.033	0.060		Set Trigger
3	2.557	0.058	0.034	0.033	0.059		Set Trigger
4	2.540	0.058	0.033	0.033	0.060		Set Trigger
5	2.575	0.059	0.034	0.033	0.060		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/10/08

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



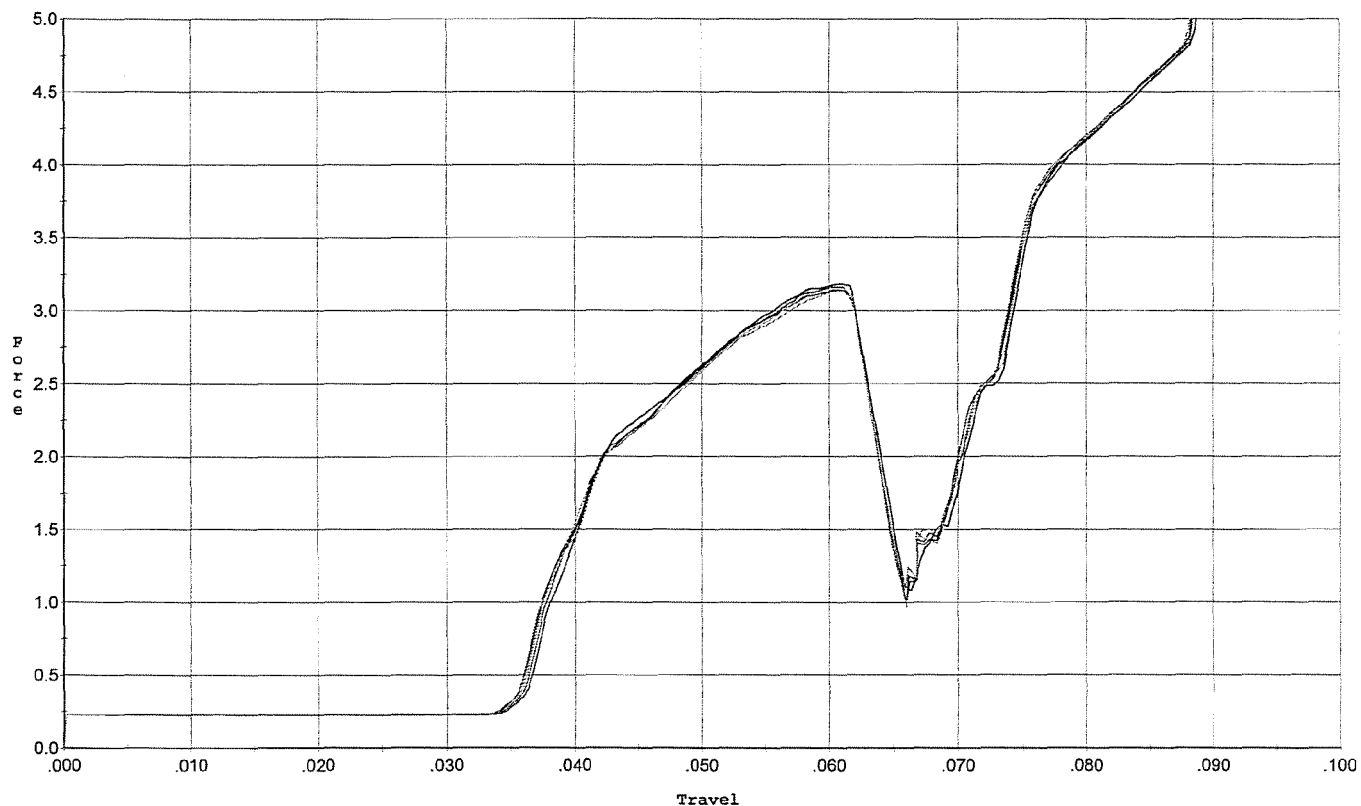
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.569	0.055	0.030	0.032	0.059		Set Trigger
2	2.530	0.056	0.031	0.032	0.058		Set Trigger
3	2.509	0.055	0.031	0.033	0.057		Set Trigger
4	2.569	0.055	0.031	0.032	0.058		Set Trigger
5	2.571	0.056	0.031	0.032	0.060		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/10/08

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



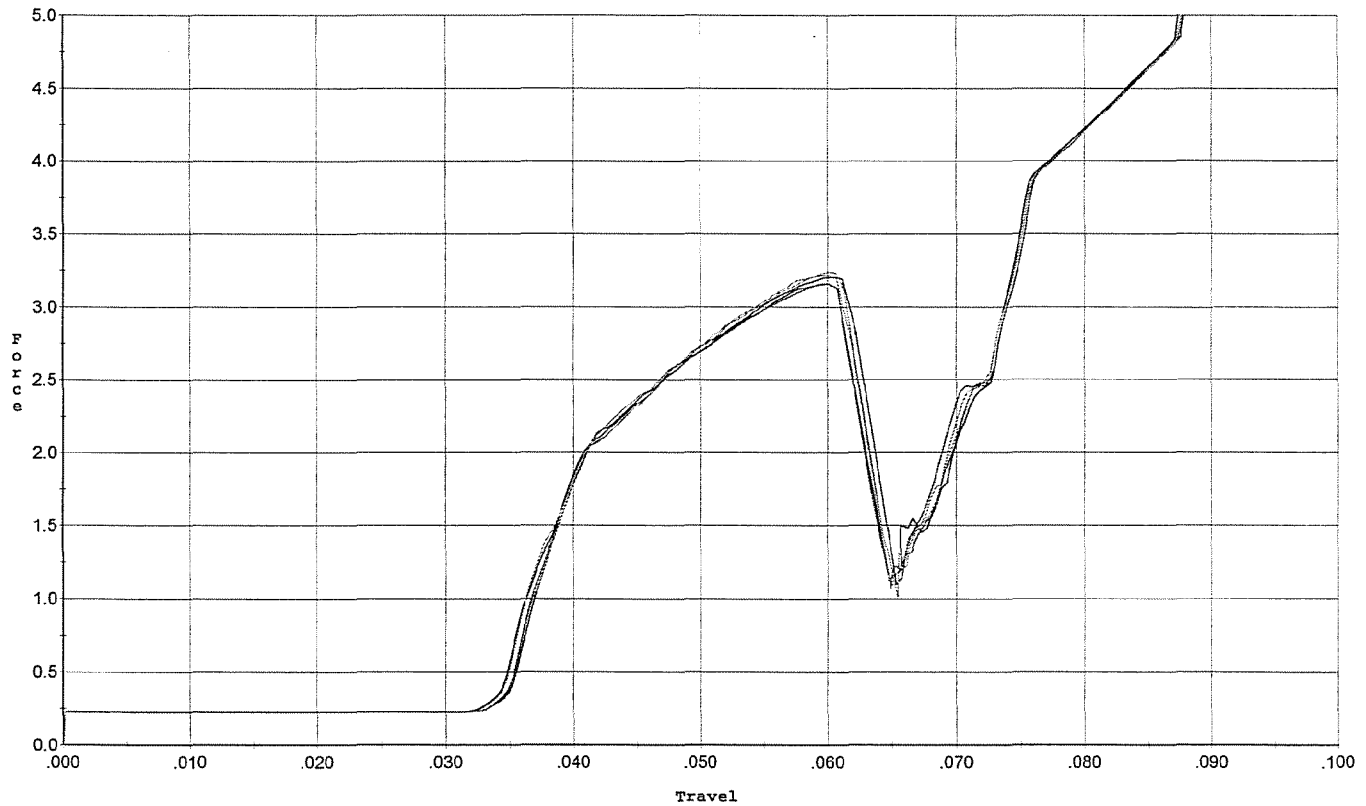
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.161	0.062	0.036	0.032	0.071		Set Trigger
2	3.182	0.064	0.036	0.032	0.075		Set Trigger
3	3.142	0.062	0.036	0.032	0.072		Set Trigger
4	3.137	0.062	0.036	0.032	0.071		Set Trigger
5	3.168	0.062	0.036	0.032	0.072		Set Trigger

AVG 3.15

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/10/08

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



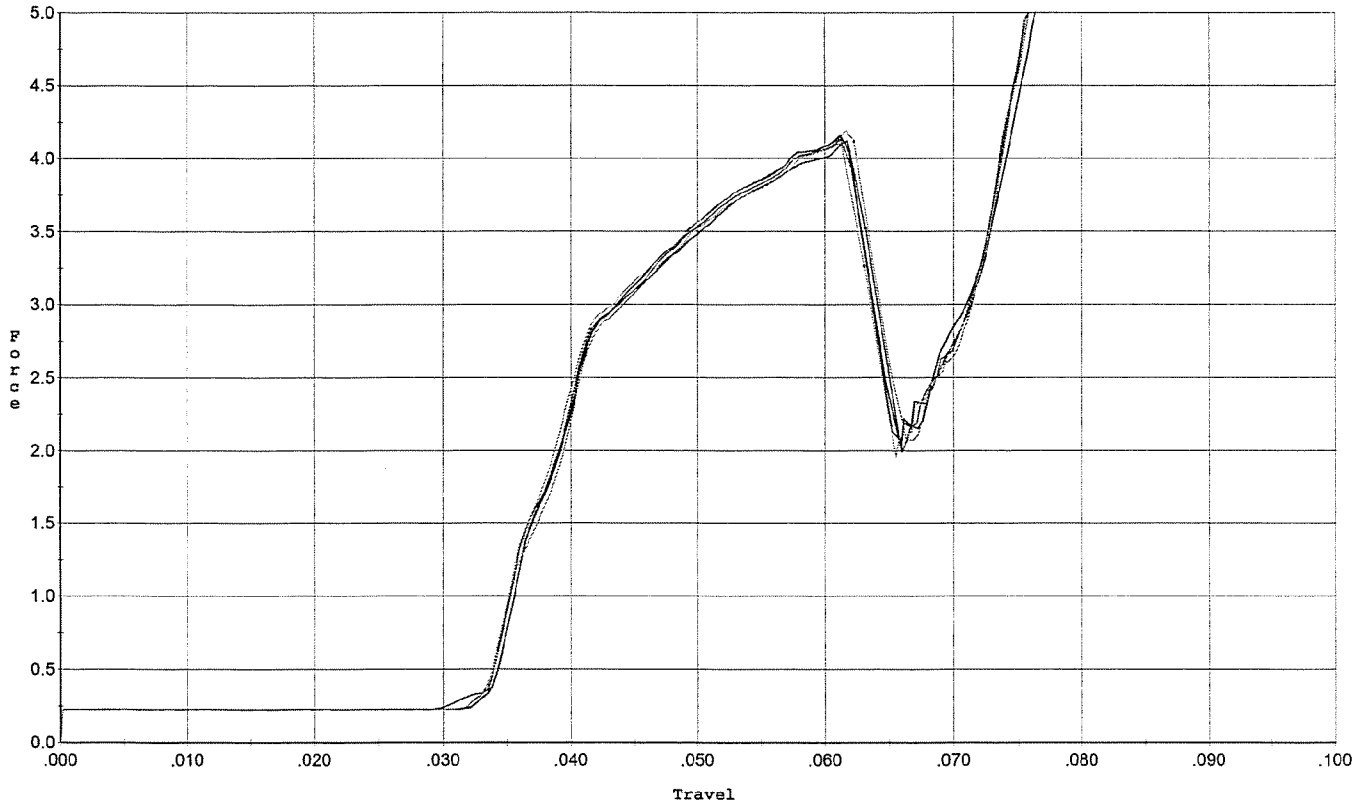
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.205	0.062	0.035	0.031	0.075		Set Trigger
2	3.157	0.061	0.034	0.032	0.072		Set Trigger
3	3.158	0.061	0.035	0.032	0.072		Set Trigger
4	3.218	0.062	0.035	0.031	0.074		Set Trigger
5	3.241	0.061	0.035	0.031	0.075		Set Trigger

Avg 3.19

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/10/08

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



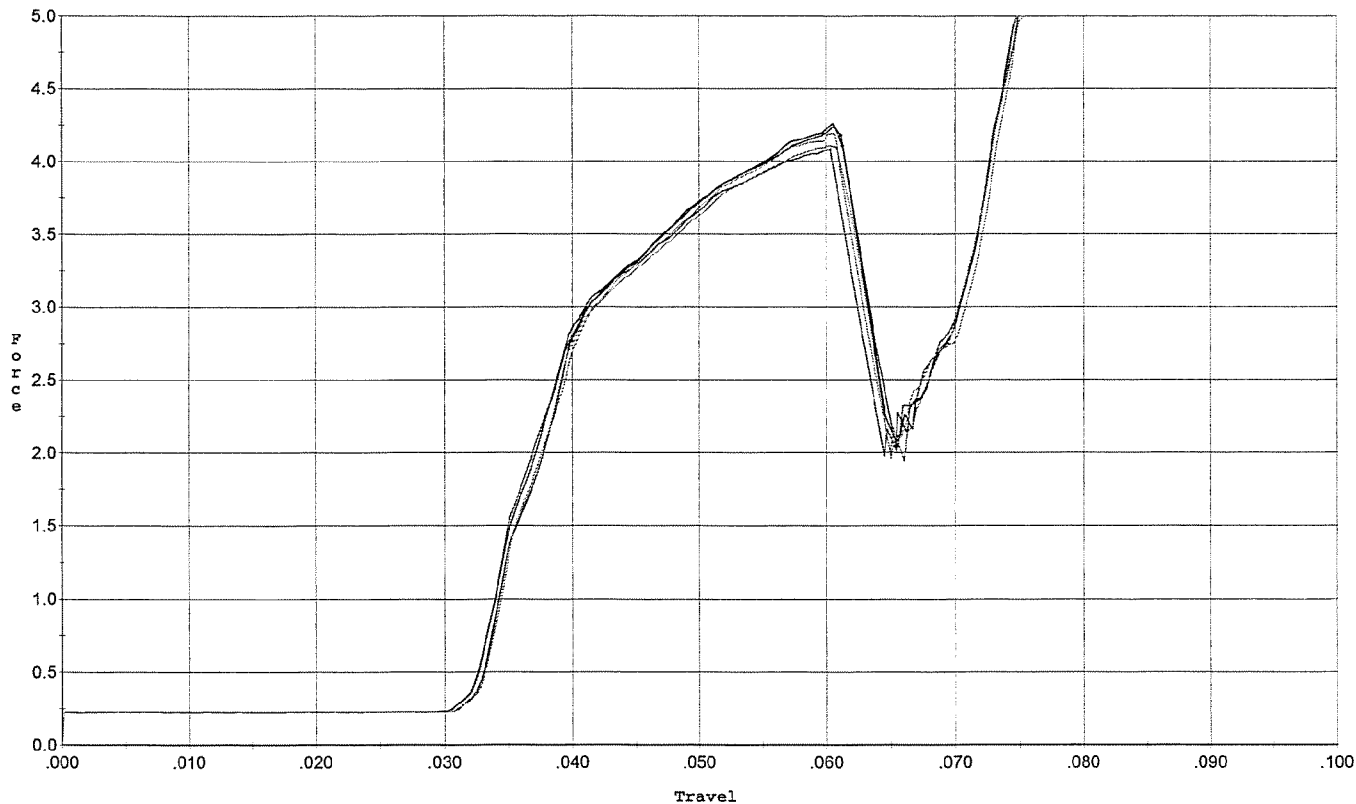
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.118	0.063	0.034	0.021	0.100		Set Trigger
2	4.155	0.062	0.034	0.021	0.097		Set Trigger
3	4.131	0.062	0.034	0.021	0.097		Set Trigger
4	4.105	0.063	0.034	0.021	0.100		Set Trigger
5	4.191	0.062	0.033	0.021	0.098		Set Trigger

Avg 4.14

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/10/08

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



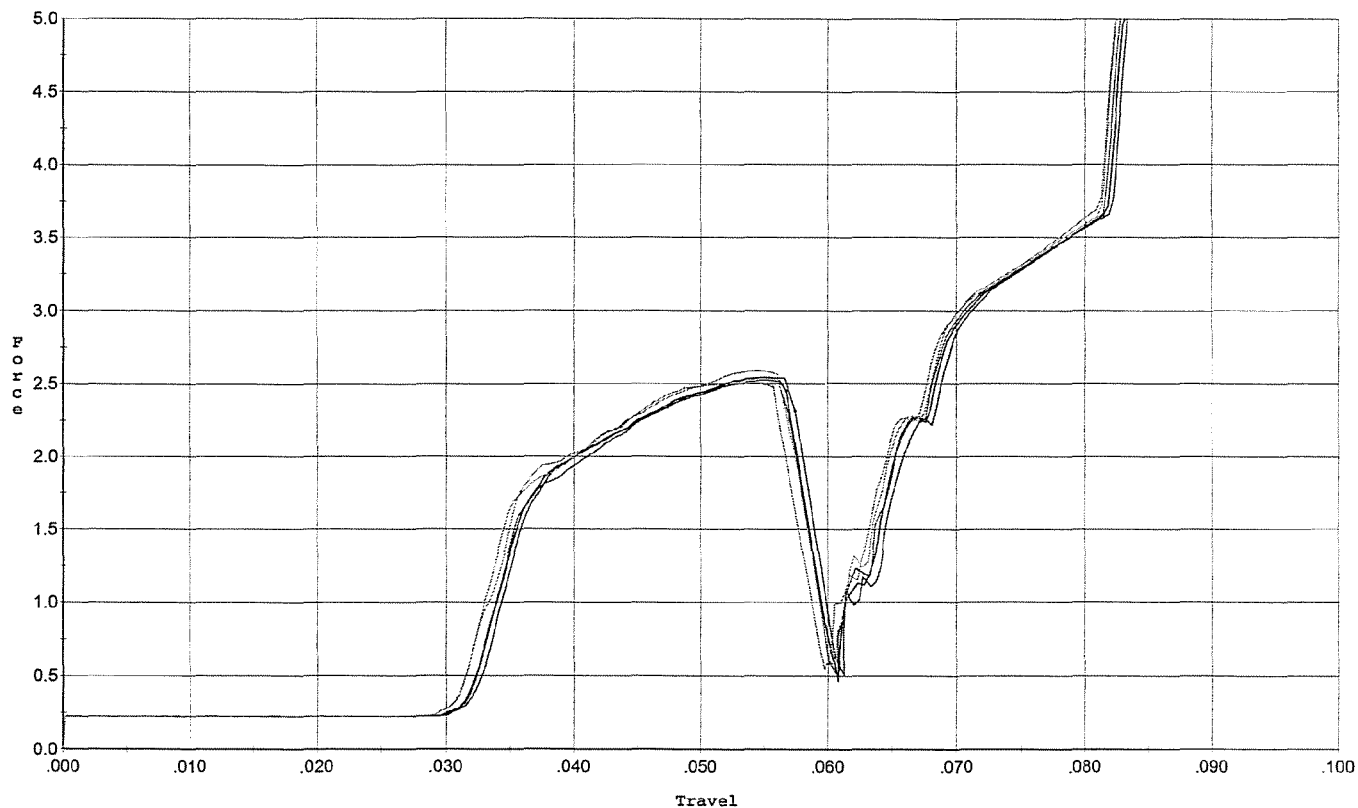
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.239	0.061	0.032	0.021	0.102		Set Trigger
2	4.260	0.061	0.033	0.021	0.101		Set Trigger
3	4.081	0.060	0.032	0.022	0.098		Set Trigger
4	4.191	0.062	0.033	0.021	0.102		Set Trigger
5	4.109	0.061	0.033	0.022	0.098		Set Trigger

Avg 4.17

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/10/08

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



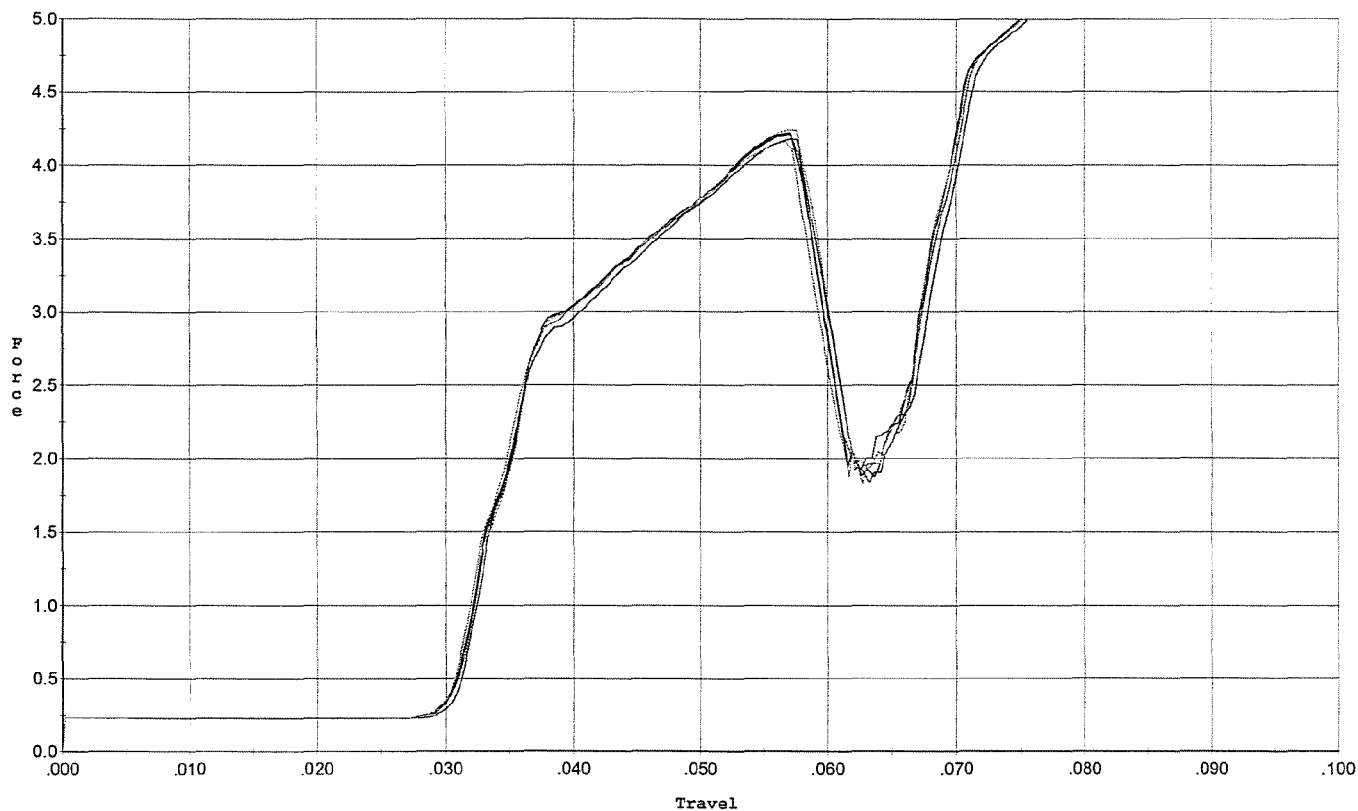
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.545	0.057	0.032	0.032	0.060		Set Trigger
2	2.542	0.057	0.032	0.032	0.059		Set Trigger
3	2.527	0.057	0.032	0.032	0.059		Set Trigger
4	2.593	0.057	0.031	0.031	0.062		Set Trigger
5	2.518	0.056	0.031	0.032	0.059		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/10/08

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	4.178	0.060	0.031	0.028	0.098		Set Trigger
2	4.218	0.058	0.030	0.028	0.096		Set Trigger
3	4.210	0.058	0.031	0.028	0.095		Set Trigger
4	4.241	0.059	0.030	0.027	0.098		Set Trigger
5	4.161	0.057	0.030	0.029	0.094		Set Trigger

Avg 4.20

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348872.__0
FILE DATE AND TIME: 04/02/2008 11:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

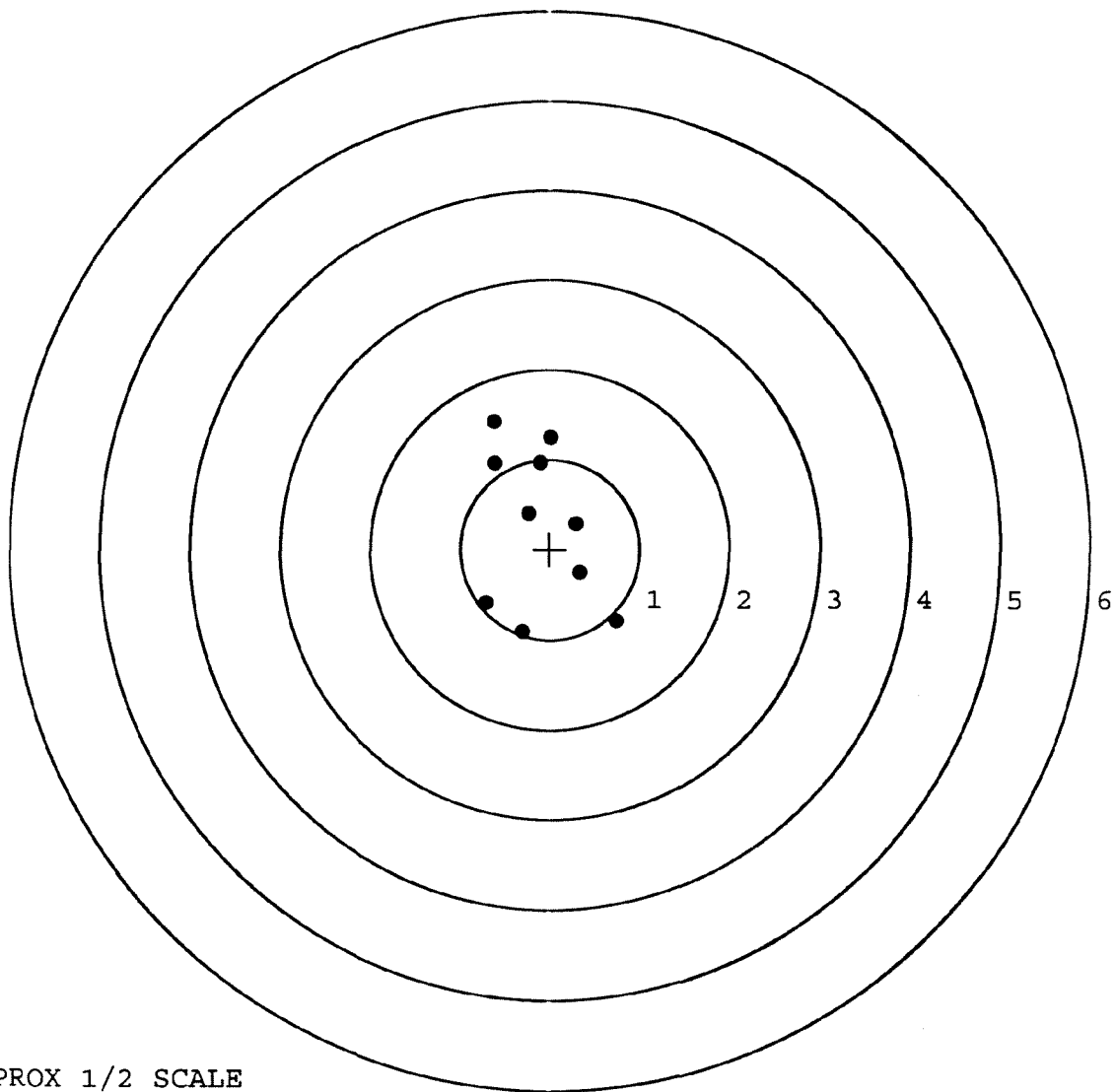
The Average X Centroid of the Five Target Set:	-0.150
The Average Y Centroid of the Five Target Set:	-0.086
The Average Point of Impact of the Five Target Set:	0.173
The Average Mean Radius of the Five Target Set:	0.744
The Distance from POA to Centroid Target #1:	0.295
The Distance from Centroid Target #2 to Centroid Target #1:	0.576
The Distance from Centroid Target #3 to Centroid Target #1:	0.363
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.549

BARBER - M24 0040324

SERIAL NUMBER: C6348872. __0
 TARGET NUMBER: 1
 FILE DATE: 04/02/2008
 FILE TIME: 11:10

POINT#	X	Y
1:	0.017	1.242
2:	-0.102	0.966
3:	-0.622	1.416
4:	-0.619	0.960
5:	-0.237	0.398
6:	0.297	0.285
7:	0.346	-0.266
8:	0.743	-0.797
9:	-0.313	-0.917
10:	-0.720	-0.598

X CENTROID: -0.121
 Y CENTROID: 0.269
 POA TO CENTROID: 0.295
 HORZ SPREAD: 1.463
 VERT SPREAD: 2.333
 GROUP SPREAD: 2.600
 MIN RADIUS: 0.174
 MAX RADIUS: 1.372
 MEAN RADIUS: 0.871
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0040325

SERIAL NUMBER: C6348872. __0

TARGET NUMBER: 2

FILE DATE: 04/02/2008

FILE TIME: 11:10

POINT#	X	Y
1:	0.608	0.366
2:	0.285	-0.008
3:	0.538	-0.276
4:	0.284	-0.491
5:	-0.053	-0.233
6:	-0.537	0.312
7:	-0.630	0.139
8:	-0.602	-0.271
9:	-0.187	-0.919
10:	-0.179	-1.645

X CENTROID: -0.047

Y CENTROID: -0.303

POA TO CENTROID: 0.306

HORZ SPREAD: 1.238

VERT SPREAD: 2.011

GROUP SPREAD: 2.160

MIN RADIUS: 0.070

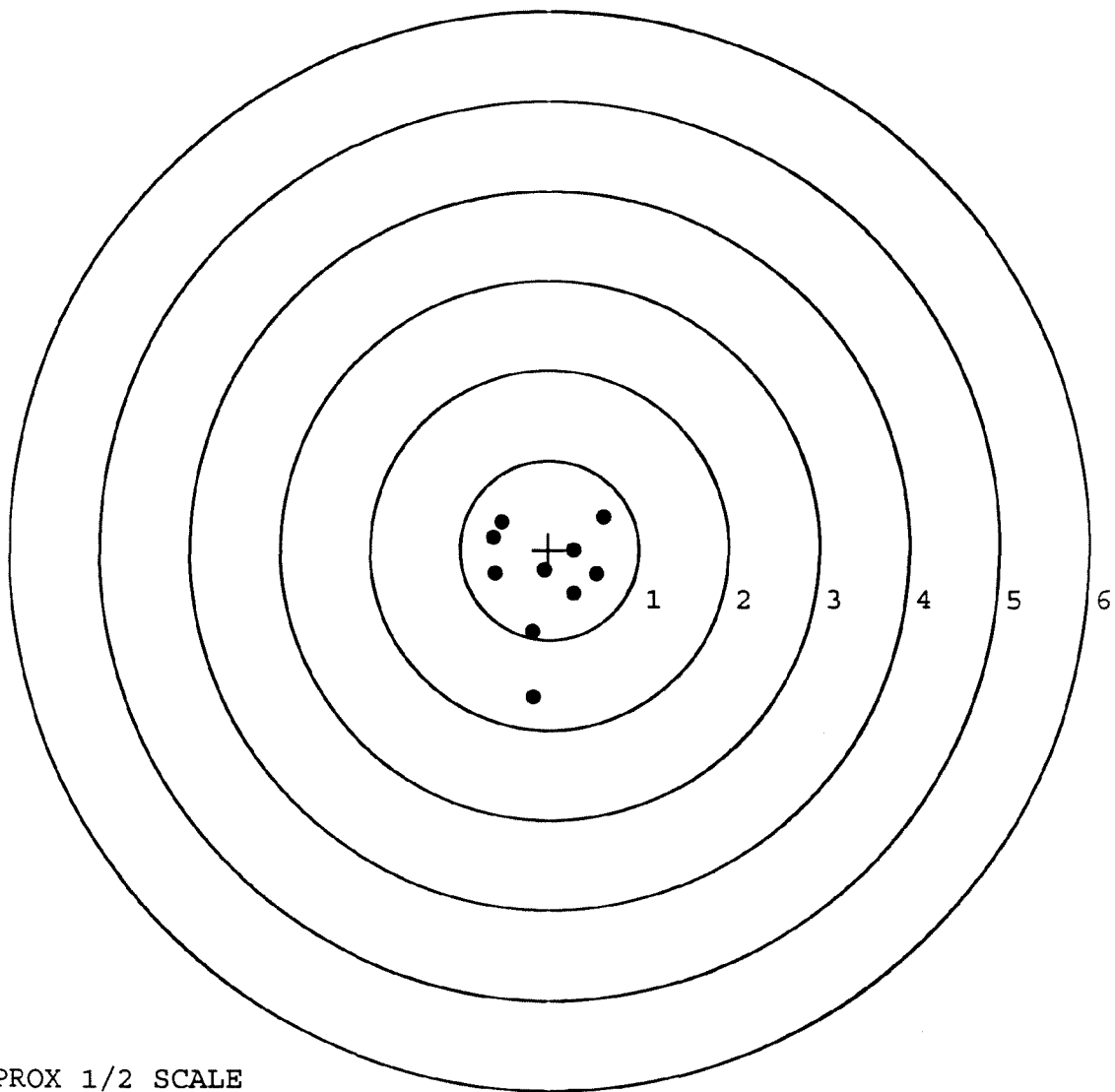
MAX RADIUS: 1.349

MEAN RADIUS: 0.647

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0040326

SERIAL NUMBER: C6348872. 0

TARGET NUMBER: 3

FILE DATE: 04/02/2008

FILE TIME: 11:10

POINT#	X	Y
1:	0.059	1.111
2:	0.332	0.390
3:	-0.619	0.702
4:	-0.132	0.289
5:	-0.973	0.666
6:	-0.422	-0.132
7:	-0.621	-0.336
8:	-0.165	-1.463
9:	-0.708	-2.012
10:	0.174	0.363

X CENTROID: -0.307

Y CENTROID: -0.042

POA TO CENTROID: 0.310

HORZ SPREAD: 1.305

VERT SPREAD: 3.123

GROUP SPREAD: 3.216

MIN RADIUS: 0.146

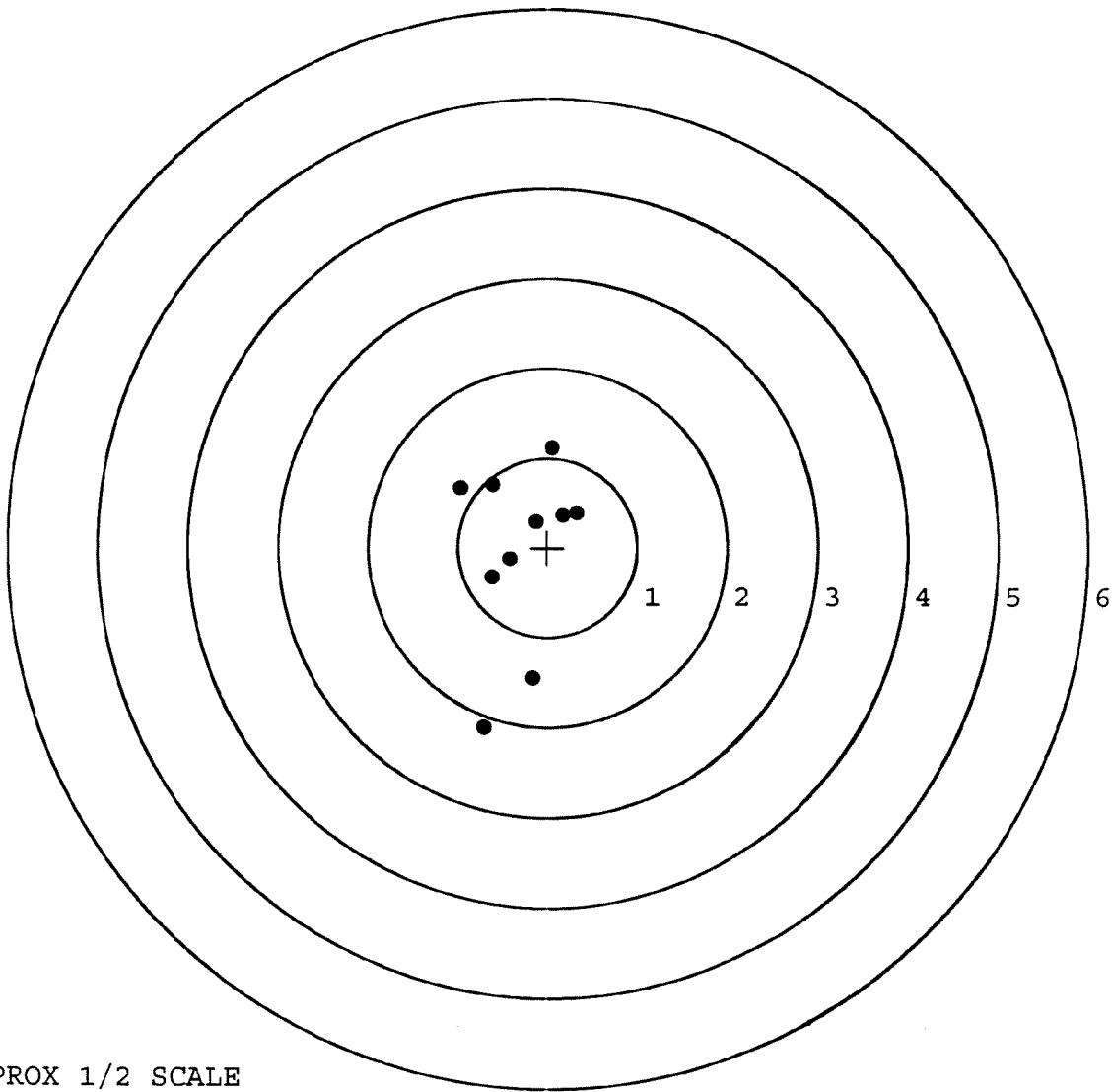
MAX RADIUS: 2.010

MEAN RADIUS: 0.878

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



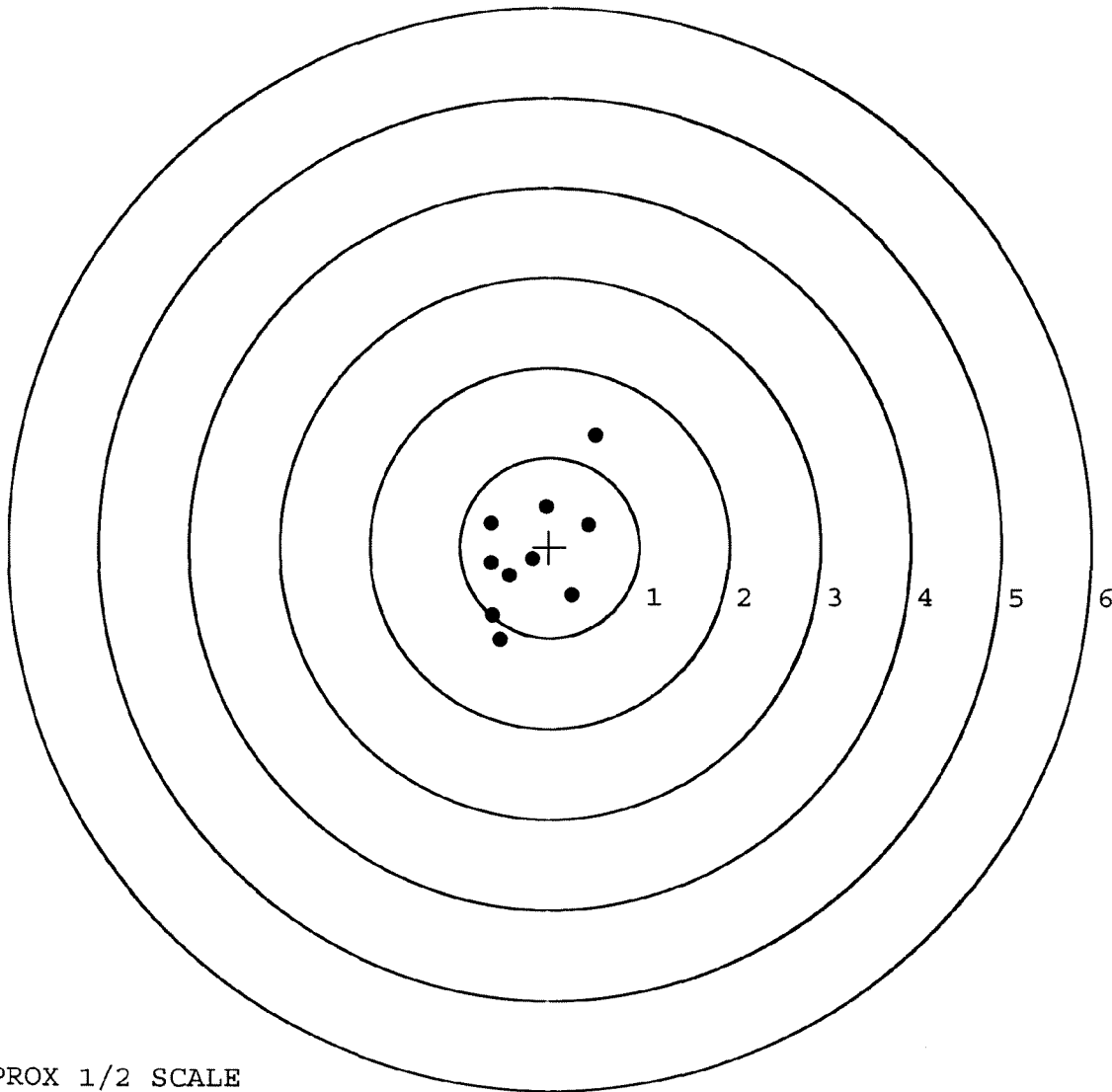
TARGET APPROX 1/2 SCALE

BARBER - M24 0040327

SERIAL NUMBER: C6348872. 0
 TARGET NUMBER: 4
 FILE DATE: 04/02/2008
 FILE TIME: 11:10

POINT#	X	Y
1:	0.510	1.250
2:	-0.039	0.452
3:	0.439	0.250
4:	-0.655	0.261
5:	-0.660	-0.184
6:	-0.187	-0.139
7:	-0.646	-0.764
8:	-0.550	-1.027
9:	0.259	-0.539
10:	-0.442	-0.323

X CENTROID: -0.197
 Y CENTROID: -0.076
 POA TO CENTROID: 0.211
 HORZ SPREAD: 1.170
 VERT SPREAD: 2.277
 GROUP SPREAD: 2.512
 MIN RADIUS: 0.064
 MAX RADIUS: 1.503
 MEAN RADIUS: 0.671
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

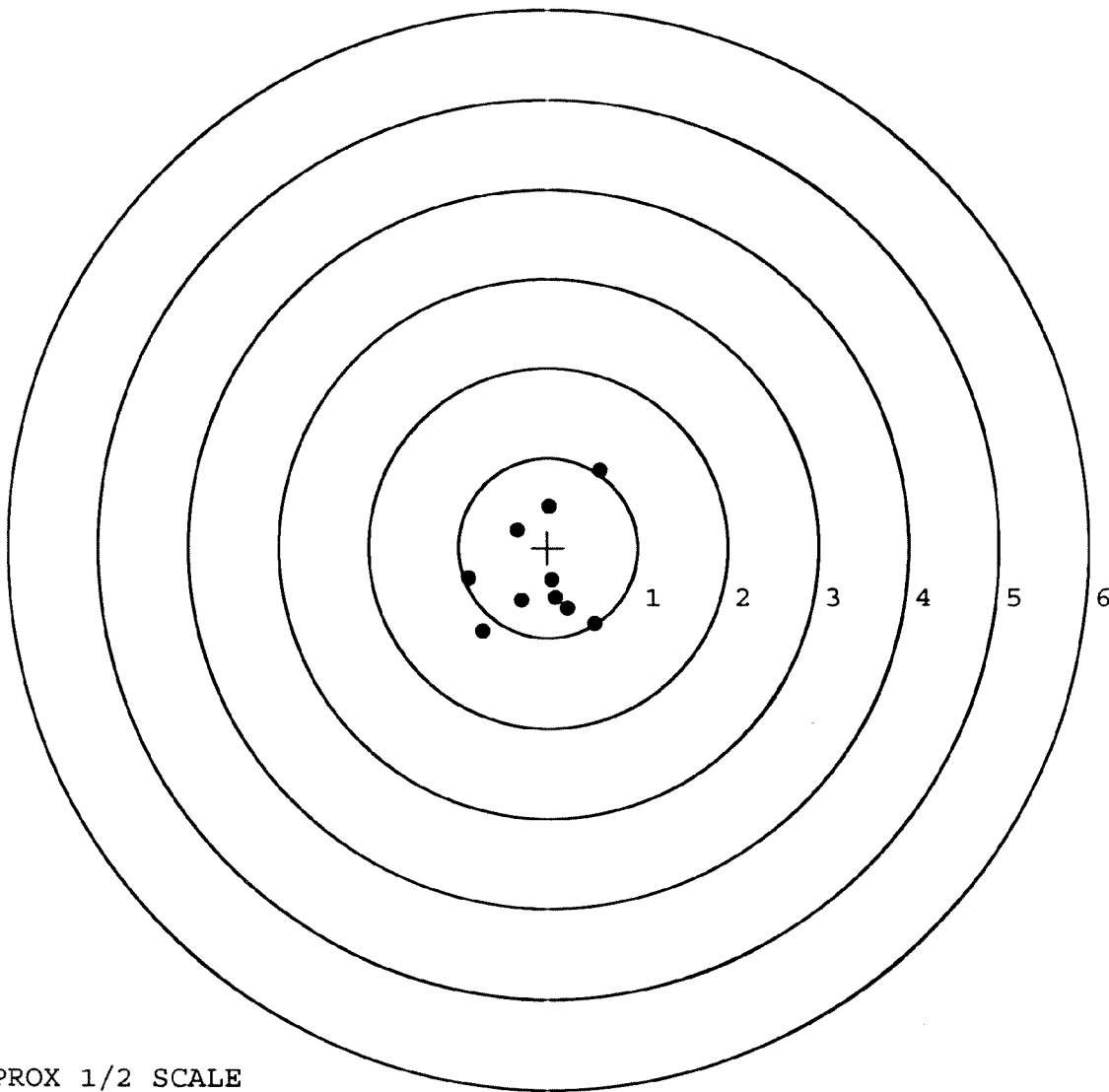


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348872. 0
 TARGET NUMBER: 5
 FILE DATE: 04/02/2008
 FILE TIME: 11:10

POINT#	X	Y
1:	0.583	0.865
2:	0.015	0.463
3:	-0.341	0.194
4:	-0.893	-0.348
5:	-0.297	-0.587
6:	0.049	-0.361
7:	0.226	-0.674
8:	0.521	-0.848
9:	-0.731	-0.934
10:	0.093	-0.554

X CENTROID: -0.077
 Y CENTROID: -0.278
 POA TO CENTROID: 0.289
 HORZ SPREAD: 1.476
 VERT SPREAD: 1.799
 GROUP SPREAD: 2.228
 MIN RADIUS: 0.151
 MAX RADIUS: 1.320
 MEAN RADIUS: 0.653
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00141565SERIAL NUMBER C6348872LOG-IN DATE 2-12-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	L.P.D.
505	RE-BARREL	2-20-08	L.P.D.
560	ASSEMBLE	2-20-08	L.P.D.
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN	3-12-08	RTZ
612	MAGNAFLUX	3/14/08	W.M.B.
510	DRILL AND TAP	3-12-08	Fm
615	ROLLMARK CALIBER	3-13-08	C.W.
618	ROTO-BLAST	3-14-08	
620	APPLY COATINGS	3-26-08	HP
625	FINAL ASSEMBLY	3-28-08	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4-1-08 SD
650	TARGET	(PASS) FAIL	4-1-08 SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-1-08 TRW
670	FINAL INSPECTION	4-2-08	Fm
	A) HEADSPACE	(PASS) FAIL	4-2-08 Fm
	B) TRIGGER PULL	2.52 2.25 2.30 2.27 2.17 4/2/08	Fm
680	F) SAFETY ON FORCE	9- 9- 9- 4/2/08	Fm
	G) SAFETY OFF FORCE	3- 3- 3- 4/2/08	Fm
	I) FIRING PIN INDENT	.020 .021 .021 4/2/08	Fm
690	PACK	4/7/08	Fm

Repair Inquiry

Repair Number: RE00062262

Serial: C6348872 Model 700 Center Fire Caliber:
7.62 M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/26/2003 12:37:53 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: JOINT TRANS DIRECTORATE

JOINT TRANS DIRECTORATE

Address 1: ATTN AFZH JTM M

ATTN AFZH JTM M

Address 2: BOX 339500 MS 53

PO Box

BOX 339500 MS 53

PO Box

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

2/26/2003

1:09 PM

CAPS

NUM

INS

SCPL

start

Inbox

Microsoft

Calendar

Micro

Arms Services R...

1:09 PM

Serial
Number:

C6348872

Model: 700



RE00062262

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348872.__0
FILE DATE AND TIME: 03/21/2003 22:46

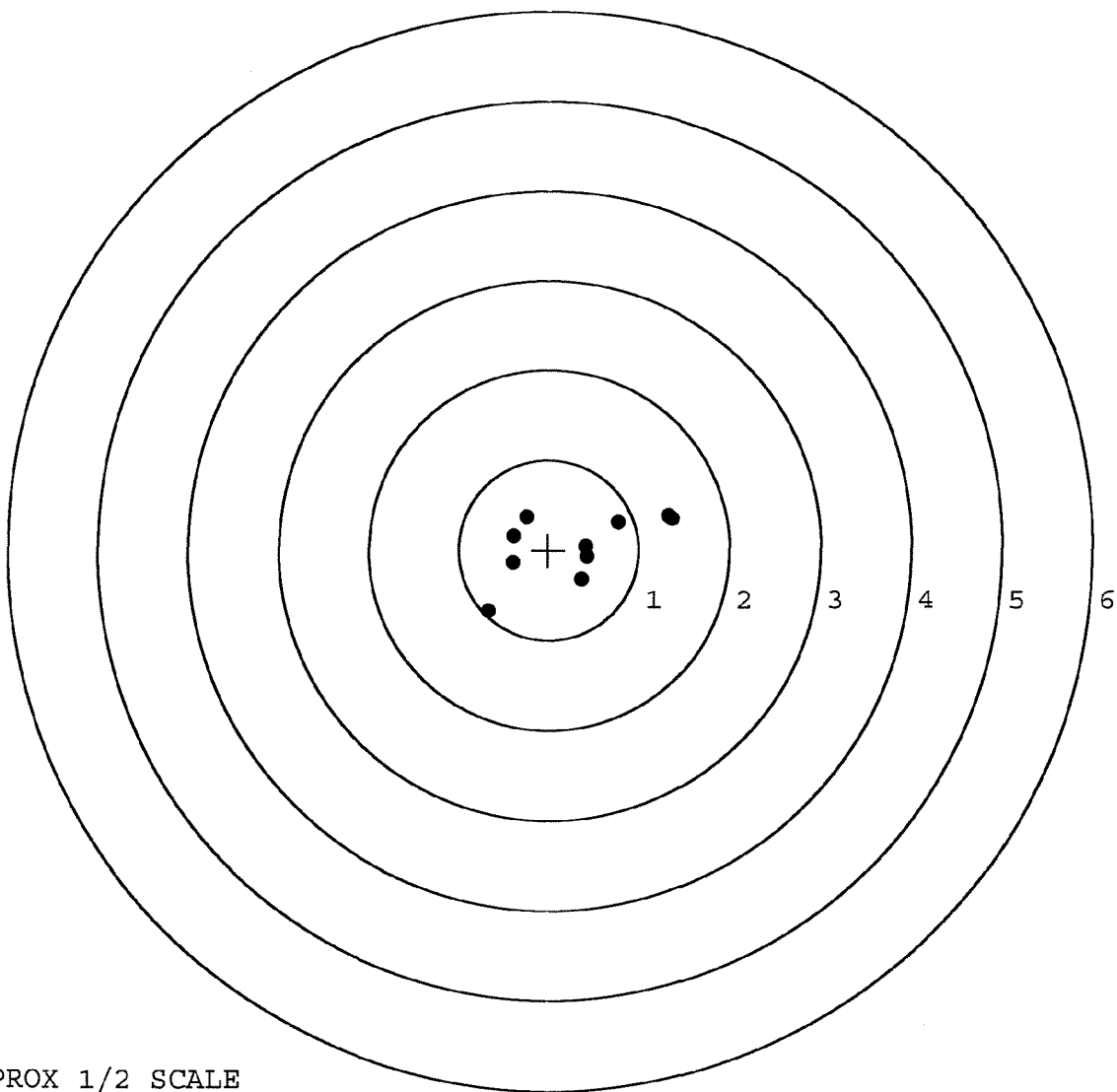
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.080
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.298
The Distance from Centroid Target #2 to Centroid Target #1:	0.510
The Distance from Centroid Target #3 to Centroid Target #1:	0.481
The Distance from Centroid Target #4 to Centroid Target #1:	0.266
The Distance from Centroid Target #5 to Centroid Target #1:	0.210

SERIAL NUMBER: C6348872. __0
 TARGET NUMBER: 1
 FILE DATE: 03/21/2003
 FILE TIME: 22:46

POINT#	X	Y
1:	1.321	0.386
2:	1.362	0.347
3:	0.767	0.308
4:	0.417	0.045
5:	0.427	-0.078
6:	0.369	-0.329
7:	-0.670	-0.682
8:	-0.395	-0.143
9:	-0.397	0.160
10:	-0.247	0.370

X CENTROID: 0.295
 Y CENTROID: 0.038
 POA TO CENTROID: 0.298
 HORZ SPREAD: 2.032
 VERT SPREAD: 1.068
 GROUP SPREAD: 2.278
 MIN RADIUS: 0.122
 MAX RADIUS: 1.205
 MEAN RADIUS: 0.667
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

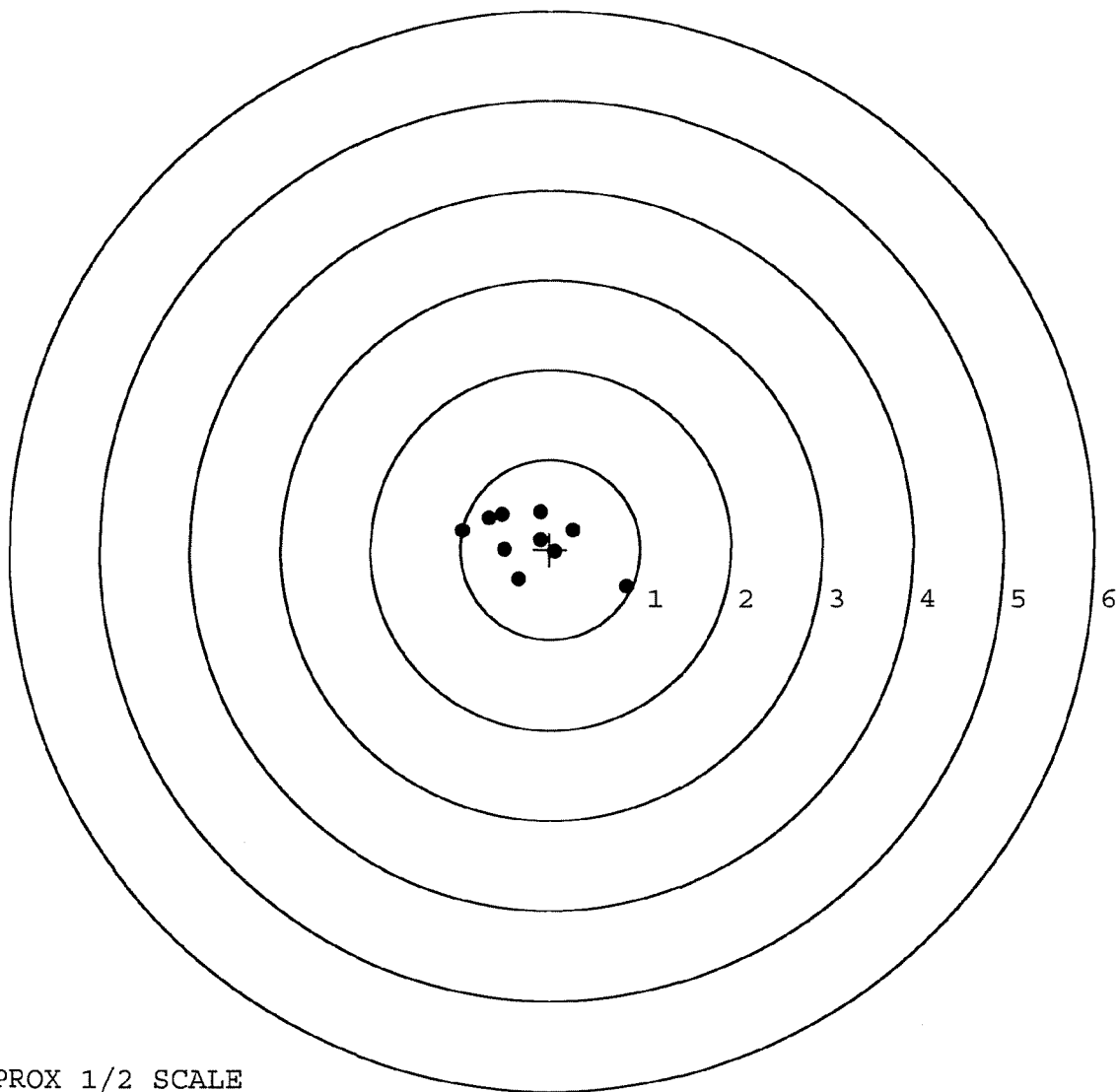


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348872. __0
 TARGET NUMBER: 2
 FILE DATE: 03/21/2003
 FILE TIME: 22:46

POINT#	X	Y
1:	0.060	-0.024
2:	0.853	-0.416
3:	0.251	0.218
4:	-0.104	0.107
5:	-0.349	-0.335
6:	-0.541	0.392
7:	-0.688	0.353
8:	-0.974	0.210
9:	-0.511	-0.005
10:	-0.112	0.420

X CENTROID: -0.212
 Y CENTROID: 0.092
 POA TO CENTROID: 0.231
 HORZ SPREAD: 1.827
 VERT SPREAD: 0.836
 GROUP SPREAD: 1.931
 MIN RADIUS: 0.109
 MAX RADIUS: 1.180
 MEAN RADIUS: 0.493
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



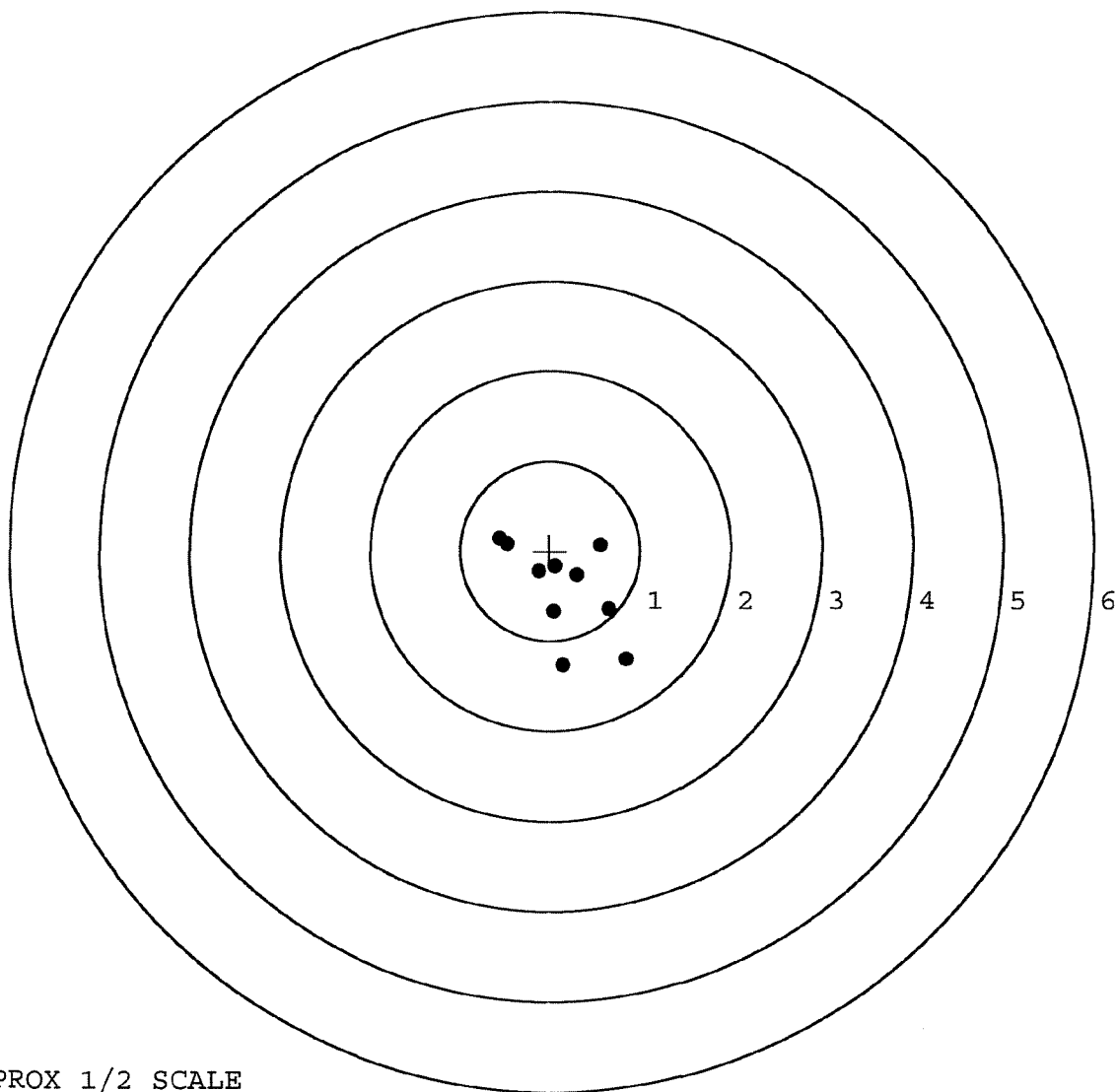
TARGET APPROX 1/2 SCALE

BARBER - M24 0040334

SERIAL NUMBER: C6348872. 0
 TARGET NUMBER: 3
 FILE DATE: 03/21/2003
 FILE TIME: 22:46

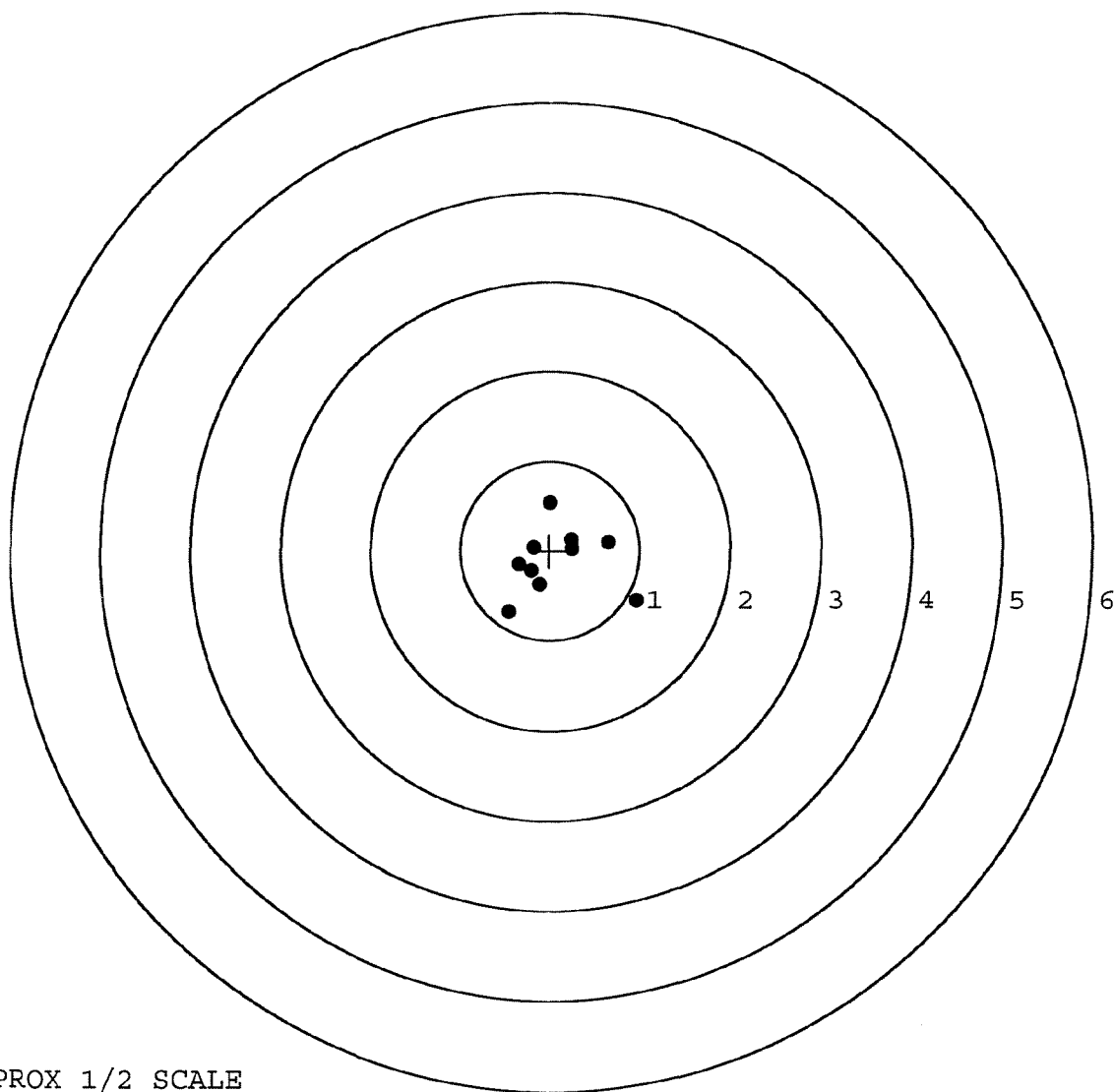
POINT#	X	Y
1:	0.850	-1.210
2:	0.147	-1.278
3:	0.658	-0.648
4:	0.556	0.073
5:	0.050	-0.674
6:	-0.123	-0.233
7:	0.301	-0.271
8:	0.066	-0.170
9:	-0.572	0.146
10:	-0.486	0.084

X CENTROID: 0.145
 Y CENTROID: -0.418
 POA TO CENTROID: 0.442
 HORZ SPREAD: 1.422
 VERT SPREAD: 1.424
 GROUP SPREAD: 1.965
 MIN RADIUS: 0.215
 MAX RADIUS: 1.060
 MEAN RADIUS: 0.591
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



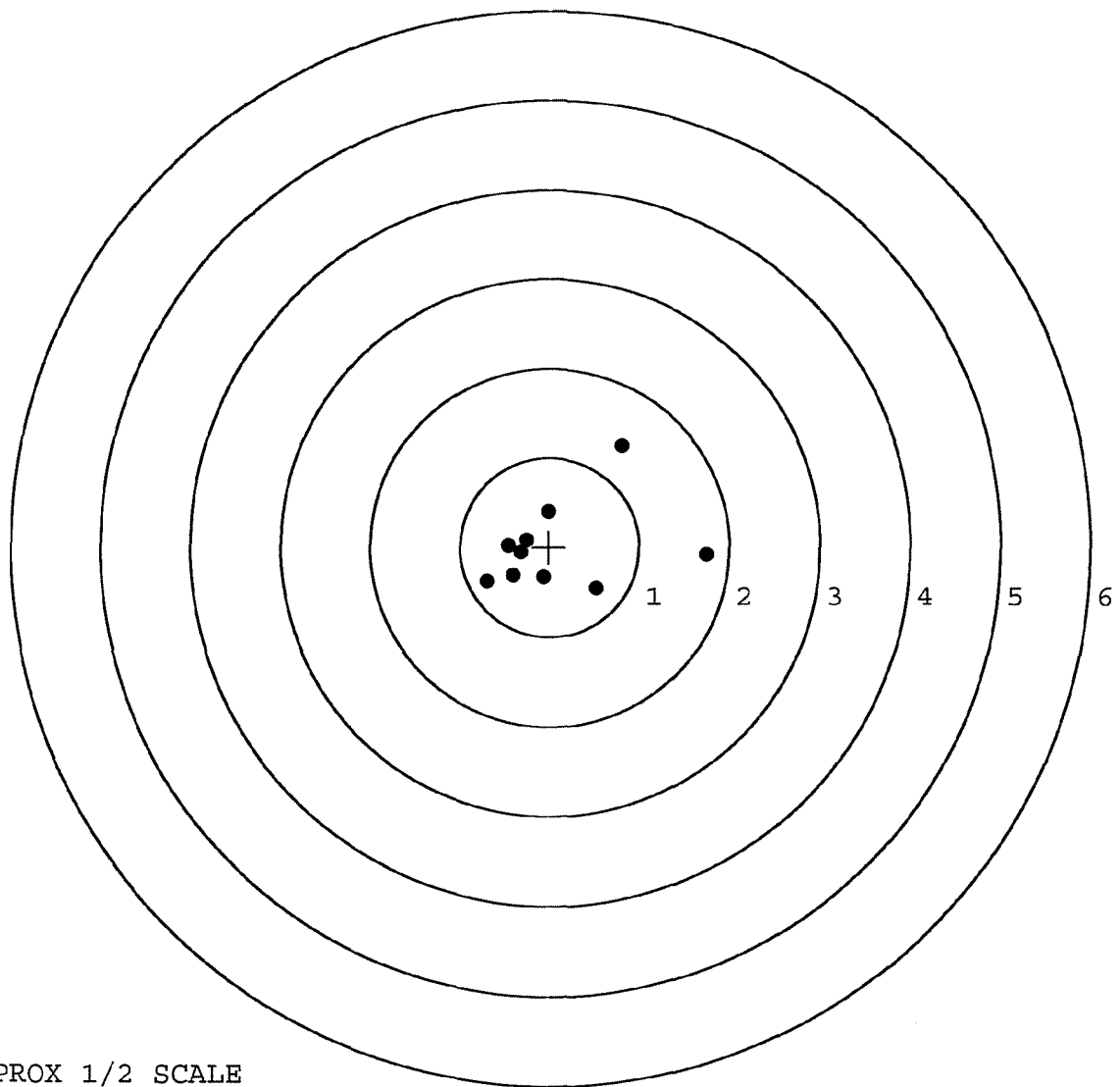
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348872. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.963	-0.561
FILE DATE: 03/21/2003	2:	0.651	0.097
FILE TIME: 22:46	3:	-0.456	-0.691
	4:	-0.112	-0.381
X CENTROID: 0.082	5:	-0.202	-0.227
Y CENTROID: -0.120	6:	-0.345	-0.159
POA TO CENTROID: 0.146	7:	0.252	0.024
HORZ SPREAD: 1.419	8:	0.245	0.122
VERT SPREAD: 1.226	9:	0.001	0.535
GROUP SPREAD: 1.458	10:	-0.177	0.036
MIN RADIUS: 0.223			
MAX RADIUS: 0.985			
MEAN RADIUS: 0.491			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348872. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	1.751	-0.082
FILE DATE: 03/21/2003	2:	0.811	1.139
FILE TIME: 22:46	3:	0.530	-0.462
	4:	-0.061	-0.343
X CENTROID: 0.090	5:	-0.007	0.397
Y CENTROID: -0.004	6:	-0.252	0.078
POA TO CENTROID: 0.090	7:	-0.320	-0.066
HORZ SPREAD: 2.447	8:	-0.456	0.015
VERT SPREAD: 1.601	9:	-0.696	-0.389
GROUP SPREAD: 2.466	10:	-0.402	-0.326
MIN RADIUS: 0.351			
MAX RADIUS: 1.663			
MEAN RADIUS: 0.721			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

INITIAL & CYCLE TESTS

BARBER - M24 0040337

3.00# ± .75#

4.00# ± 1.00#

DATE 1-30-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44		2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT ABLE LESS THAN
PULL #2	2.61	2.45		2.35	
PULL #3	2.52	2.32		2.39	
PULL #4	2.54	2.39		2.35	
PULL #5	2.42	2.48		2.34	
TOTAL	12.51	12.08		11.93	
AVG.	2.50	2.41		2.38	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.14		
PULL #2	3.25	3.10		
PULL #3	3.23	3.11		
PULL #4	3.28	3.03		
PULL #5	3.23	3.19		
TOTAL	16.30	15.57		
AVG.	3.26	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.13	4.16		4.20
PULL #2	4.49	4.18		4.26
PULL #3	4.46	4.03		4.15
PULL #4	4.23	4.05		4.12
PULL #5	4.19	4.06		4.14
TOTAL	21.50	20.48		20.87
AVG.	4.30	4.09		4.17

R & E NUMBER	62262		
SERIAL NUMBER	C6348872		
LOG-IN DATE	2-26-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-27-03	RTL
560 A	RE-BARREL	3-4-03	RTL
B	DRILL AND TAP	3-6-03	TRW
575	ASSEMBLE	3-5-03	RTL
600	PROOF	3-5-03	AC
605	CHECK HEADSPACE	3-5-03	AC
610	DIS-ASSEMBLE GUN	3-5-03	AC
612	MAGNAFLUX OPERATOR	3-7-03	JO
615	ROLLMARK CALIBER	3-7-03	AB
618	ROTO-BLAST	3-10-03	AO
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-19-03	PW
B	TRIGGER PULL TEST	3-21-03	RTL
C	SAFETY "ON" FORCE	3-21-03	RTL
D	SAFETY "OFF" FORCE	3-21-03	RTL
E	FIRING PIN INDENT	0	
640	TARGET	3-20-03	PW
655	FINAL INSPECT	3-21-03	RTL
660	PACK	3-21-03	RTA
		SHIP DATE	
	QAR INSPECTION DATE		

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

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

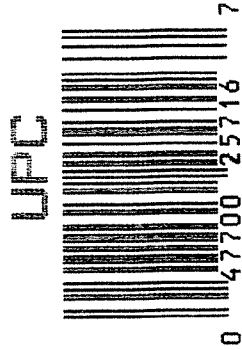
MODEL 700™ H24

SERIAL NO.
 C6348872

ORDER NO.
 5716

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

Q1



5000
0534

GUN SERIAL # C6348872

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26		RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		LS
7	Drill and Tap Sight Holes	9 29	89	FB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		26 Oct 89	JS

BARBER - M24 0040341								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/26/89	GL		
	G) Safety Off Force	3	3	3	10/26/89	GL		
	H) Trigger Pull Test & Retainability				2/6/89	GL		
	I) Firing Pin Indent	.0215	.0215		10/26/89	GL		
	J) Assemble Stock				10/27/89	RW		
	K) Assemble Swivel Studs				31/8/89	GL		
	L) Attach Front and Rear Sight Assemblies				10/27/89	RW		
	M) Iron Sight Alignment				10/27/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/27/89	RW		
	O) Attach Scope to Rifle				10/27/89	GL		
	P) Detach & Attach Scope 20 Times				10/27/89	GL		
640	Gallery Target & Test				10-30-89	LC		
	A) Time				10-30-89	AC		
	B) Malfunctions				10-30-89	AC		
	C) Pierced Primers				10-30-89	AC		
	D) Optical Clarity of Scope				10-30-89	AC		
645	Inspect for Live Ammo				10-30-89	AC		
655	Final Inspection							
	A) Headspace				31/8/89	GL		
	B) Trigger Pull	224	221	223	226	230	31/8/89	GL
	C) Function						31/8/89	GL
660	Pack						18 Dec 89	GL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348872

DATE 3-29-90

TESTER J. 21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.44	7	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.39		2.60	
PULL #3	2.23	2.55		2.50	
PULL #4	2.51	2.50		2.38	
PULL #5	2.47	2.49		2.57	
TOTAL	11.70	12.37		12.65	
AVG.	2.34	2.474		2.53	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.64	3.50		
PULL #2	3.55	3.46		
PULL #3	3.48	3.51		
PULL #4	3.45	3.50		
PULL #5	3.27	3.45		
TOTAL	17.39	17.42		
AVG.	3.478	3.484		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.46		
PULL #2	4.43	4.43		
PULL #3	4.39	4.40		
PULL #4	4.36	4.42		
PULL #5	4.44	4.48		
TOTAL	21.75	22.19		
AVG.	4.35	4.438		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348872
30 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.876256
1 TO	2	.488731
1 TO	3	.905073
1 TO	4	.666958
1 TO	5	1.33751

$$\begin{matrix} & 1 \\ & + \\ 5 & +4 \\ & 3 \end{matrix}$$
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .292
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0434
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .295268
 THE AMP FOR THIS RIFLE IS: .8968

30 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06348872

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 1.671

VS = 3.102

CS = 3.107

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.788	.827	.854
MINIMUM X	-.883	-.944	-.817
MAXIMUM Y	1.504	1.326	1.175
MINIMUM Y	-1.599	-1.567	-1.401
CENTROID X	.631	.592	.565
CENTROID Y	.608	.785	.619
POA TO CENTROID in.	.876	.983	.838
MIN RADIUS	.210	.171	.199
MEAN RADIUS	.934	.862	.770
MAX RADIUS	1.637	1.595	1.438
HORIZONTAL SPREAD	1.671	1.671	1.671
VERTICAL SPREAD	3.102	2.893	2.576
EXTREME SPREAD	3.107	2.894	2.626
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

30 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C634B072

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 9

3 in = 9

HS = 1.045

VS = 1.981

GS = 2.390

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.238	.740	.683
MINIMUM X	-.608	-.471	-.528
MAXIMUM Y	1.031	.888	.787
MINIMUM Y	-.950	-.836	-.725
CENTROID X	.508	.371	.428
CENTROID Y	.135	.021	-.090
POA TO CENTROID IN.	.526	.371	.438
MIN RADIUS	.205	.247	.146
MEAN RADIUS	.780	.658	.600
MAX RADIUS	1.611	1.000	.948
HORIZONTAL SPREAD	1.846	1.211	1.211
VERTICAL SPREAD	1.981	1.724	1.512
EXTREME SPREAD	2.390	1.843	1.696
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	9	
NUMBER IN THREE INCH CIRCLE	=	9	

30 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C634B872

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID X

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HS= 2.284

VS= 2.184

GS= 2.869

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.954	.807	.866
MINIMUM X	-1.329	-1.280	-1.221
MAXIMUM Y	1.191	1.089	1.038
MINIMUM Y	-.993	-1.095	-.959
CENTROID X	.385	.532	.473
CENTROID Y	-.263	-.161	-.297
POA TO CENTROID in.	.466	.556	.559
MIN RADIUS	.130	.174	.225
MEAN RADIUS	.980	.890	.854
MAX RADIUS	1.614	1.306	1.283
HORIZONTAL SPREAD	2.284	2.087	2.087
VERTICAL SPREAD	2.184	2.184	1.997
EXTREME SPREAD	2.869	2.376	2.298
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B872

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.004

VS = 1.822

GS = 2.471

CENTROID *

PATTERN #

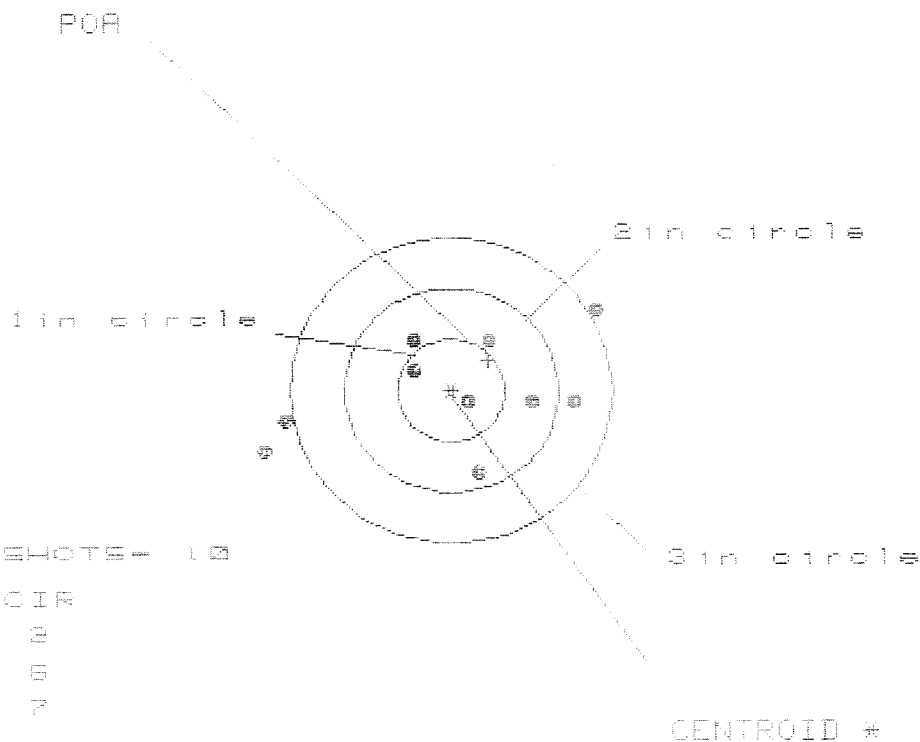
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.686	.539	.410
MINIMUM X	:	-1.318	-1.034	-.742
MAXIMUM Y	:	.877	.951	.842
MINIMUM Y	:	-.945	-.871	-.980
CENTROID X	:	.288	.435	.564
CENTROID Y	:	.036	-.038	.071
POA TO CENTROID in.	:	.291	.437	.569
MIN RADIUS	:	.393	.240	.153
MEAN RADIUS	:	.831	.725	.602
MAX RADIUS	:	1.477	1.352	1.019
HORIZONTAL SPREAD	:	2.004	1.573	1.152
VERTICAL SPREAD	:	1.822	1.822	1.822
EXTREME SPREAD	:	2.471	2.316	1.822
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348872

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 3.112

VS= 1.633

CS= 3.404

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.366	1.172	1.086
MINIMUM X	-1.746	-1.722	-1.576
MAXIMUM Y	.798	.733	.565
MINIMUM Y	-.835	-.900	-.808
CENTROID X	-.352	-.158	-.304
CENTROID Y	-.299	-.234	-.326
POR TO CENTROID in.	.462	.283	.446
MIN RADIUS	.179	.160	.124
MEAN RADIUS	.959	.835	.765
MAX RADIUS	1.841	1.760	1.599
HORIZONTAL SPREAD	3.112	2.894	2.662
VERTICAL SPREAD	1.633	1.633	1.373
EXTREME SPREAD	3.404	3.095	2.672
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-06341

INITIAL
FPS

CUSTOMER ORDER NO.

M24 SNIPER

L/1 Stud

DATE RECEIVED
02/26/96

DATE OPENED
02/26/96

DATE CODE
EJ 10-89

SERIAL NUMBER
C6348872

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

SHIP TO:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

CUST NO: 138744 C.O.D.L

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

Barrel 96003

Repowder Coat Trigger Guard
Assy Front & Rear Sight Bases
Rezing Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

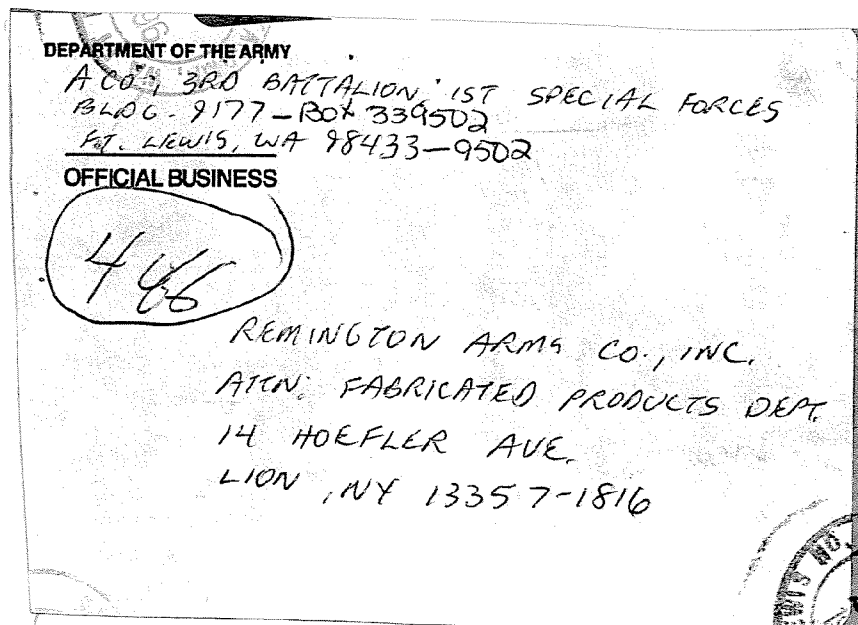
DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 06400940388



CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD						DATE	
For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.						22 FEB 96	
SECTION A - GENERAL							
TO: REMINGTON ARMS CO., INC. ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. LION, NY 13557-1816				FROM: A COMPANY, 3RD BATT., 1ST SPECIAL FORCES GROUP FORT LEWIS, WA 98433			
DATE RECEIVED		ACTION OFFICE(S)		SUSPENSE DATE(S)		REGISTER OR CONTROL NO.	
CONTROL LOG OR FILE NO.	CLASSIFI- CATION	NUMBER OF COPIES	DESCRIPTION (Type, File Ref., Unclassified Subject or Short Title and Number of Indorsements/Incls)		DATE OF DOCUMENT	ORIGINATOR	
1		2	M24 7.62 SNIPER RIFLE W/SCOPE MOUNTS - 1 EACH SERIAL # CL6348872		22 FEB 96	M. Deins	
SECTION B - ROUTING							
TO		COPY NO.	DATE	I ACKNOWLEDGE RECEIPT OF THE MATERIAL DESCRIBED HEREON			
				PRINTED NAME		SIGNATURE	
1.							
2.							
3.							
4.							
5.							
SECTION C - DESTRUCTION CERTIFICATE (Check appropriate block)							
MATERIAL DESCRIBED HEREON HAS BEEN:						PAGE OR COPY NO	
☐ DESTROYED ☐ TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5)							
OFFICE SYMBOL		DATE	PRINTED NAME OF CUSTODIAN OR REP			SIGNATURE	
DESTRUCTION RECORD NO.		DATE	PRINTED NAME OF CERTIFYING/DESTR. OFF.			SIGNATURE	
PAGE OR COPY NUMBER		DATE	PRINTED NAME OF WITNESSING OFFICIAL			SIGNATURE	
SECTION D - REPRODUCTION AUTHORITY							
NUMBER OF COPIES TO BE REPRODUCED			AUTHORIZED BY			DATE	
SECTION E - RECEIPT/TRACER ACTION (Check appropriate block)							
☐ RECEIPT OF DOCUMENT(S) ACKNOWLEDGED ☐ DOCUMENT(S) HAVE NOT BEEN RECEIVED							
☐ TRACER ACTION: SIGNED RECEIPT FOR MATERIAL DESCRIBED ABOVE HAS NOT BEEN RECEIVED.							
DATE		PRINTED NAME, GRADE OR TITLE				SIGNATURE	
COMMENTS							

Remington ARMS :

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET										
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG										
1. ORGANIZATION Aco / 3rd bat 1st specid					2. NOMENCLATURE AND MODEL gpp m24 SWS.					
3. REGISTRATION/SERIAL/NSN		4a. MILES		b. HOURS		c. ROUNDS FIRED		d. HOT STARTS		
5. DATE					6. TYPE INSPECTION					
7. APPLICABLE REFERENCE										
TM NUMBER			TM DATE			TM NUMBER			TM DATE	
COLUMN a - Enter TM item number.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.					
COLUMN b - Enter the applicable condition status symbol.					COLUMN e - Individual ascertaining completed corrective action initial in this column.					
COLUMN c - Enter deficiencies and shortcomings.										
STATUS SYMBOLS										
"X"-Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"-Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-"-Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "(/)"-Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists. FOR AIRCRAFT-Status symbols will be recorded in red.					
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.										
8a. SIGNATURE (Person(s) performing inspection)					8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME	
SSG HAZEN, DONALD									10. MANHOURS REQUIRED	
Donald C Hazen III										
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c				CORRECTIVE ACTION d				INITIAL WHEN CORRECTED e
1		C 6225412				Excess of				
2		C 6349192				10,000 RD/Gun				
3		C 6225398				Each needs rebarreling				
4		C 6348832				Ti Triggers/stocks				
5		C 6225201								
6		C 6225108				Weapon were shot				
7		C 6348740				in sniper course				
8		C 6225598				They Notified us of				
9		C 6348817				the Need for rebarreling				
10		C 6225376				do to Excess rounds				
11		C 6348872				AND Poor Shot Performance				
		Each weapon				has scope mount				
		POC. SSG HAZEN,								
		3 Bat 1st S.F. Group								
		206-967-8813								

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348872

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	RW
600	Proof		3/20/96	RW
607	Check Headspace		3/20/96	RW
610	Dis-assemble Gun		3/20/96	RW
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		4/2/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/2/96	RW
	C) Inspect Ejector Hole for Chamfer		4/2/96	RW
	D) Oil Firing Pin Ass'y		4/2/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0040354 OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	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		4/2/96	AC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/96	AC
655	Final Inspection			
	A) Headspace		4/2/96	RW
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

Final Inspection

Sn: C6348872

DATE REC'D: 2/26/96

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348872
5 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.742489
1 TO	2	.12209
1 TO	3	.450672
1 TO	4	.46063
1 TO	5	.370666

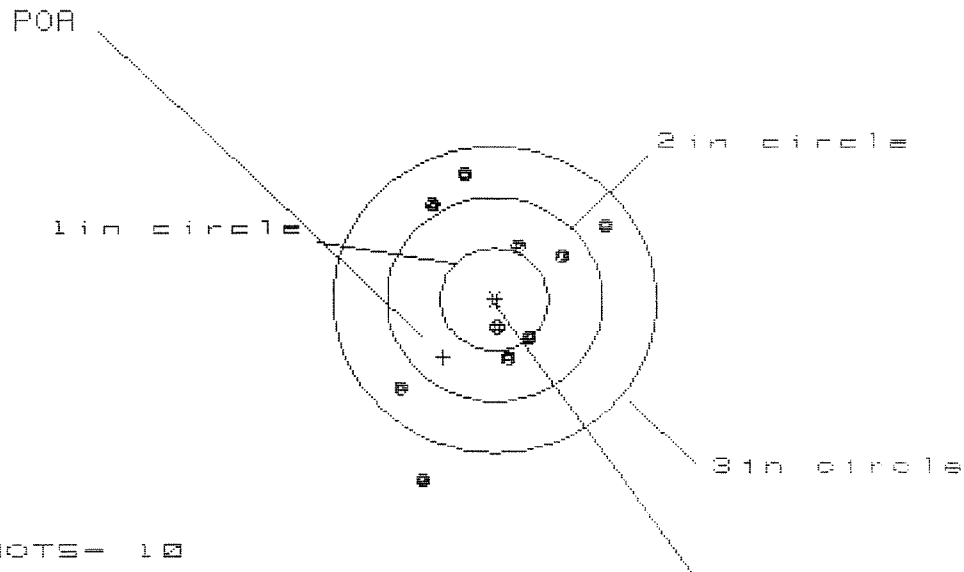
S F
+42 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3832
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4084
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .560029
THE AMR FOR THIS RIFLE IS: 1.11

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348872

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 1.860

VS= 3.073

GS= 3.099

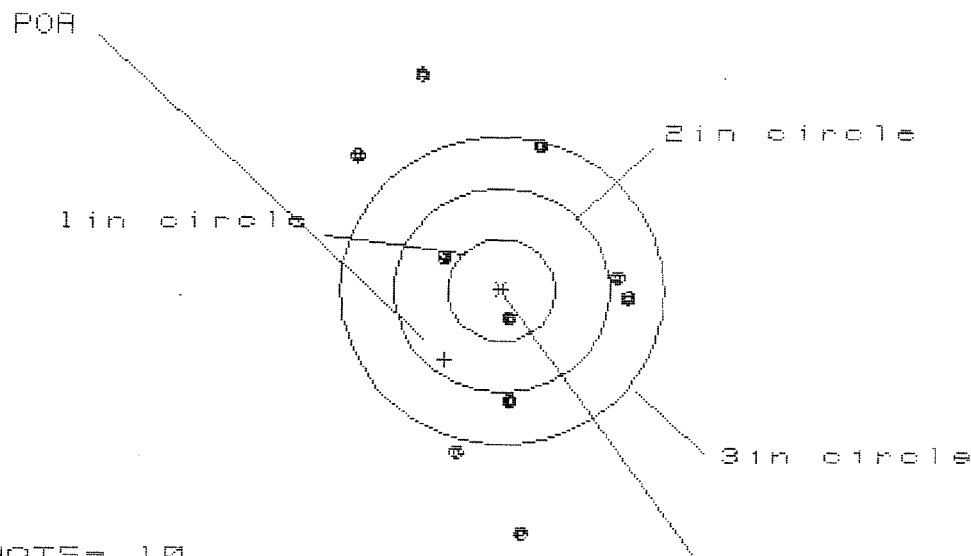
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.008	.932	.886
MINIMUM X	:	-.852	-.928	-.974
MAXIMUM Y	:	1.268	1.067	.891
MINIMUM Y	:	-1.805	-1.033	-.899
CENTROID X	:	.477	.553	.599
CENTROID Y	:	.569	.770	.636
POA TO CENTROID in.	:	.742	.948	.874
MIN RADIUS	:	.317	.372	.390
MEAN RADIUS	:	.957	.833	.775
MAX RADIUS	:	1.932	1.389	1.326
HORIZONTAL SPREAD	:	1.860	1.860	1.860
VERTICAL SPREAD	:	3.073	2.100	1.790
EXTREME SPREAD	:	3.099	2.429	2.429
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

5 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C8346872

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS= 2.545

VS= 4.453

GS= 4.547

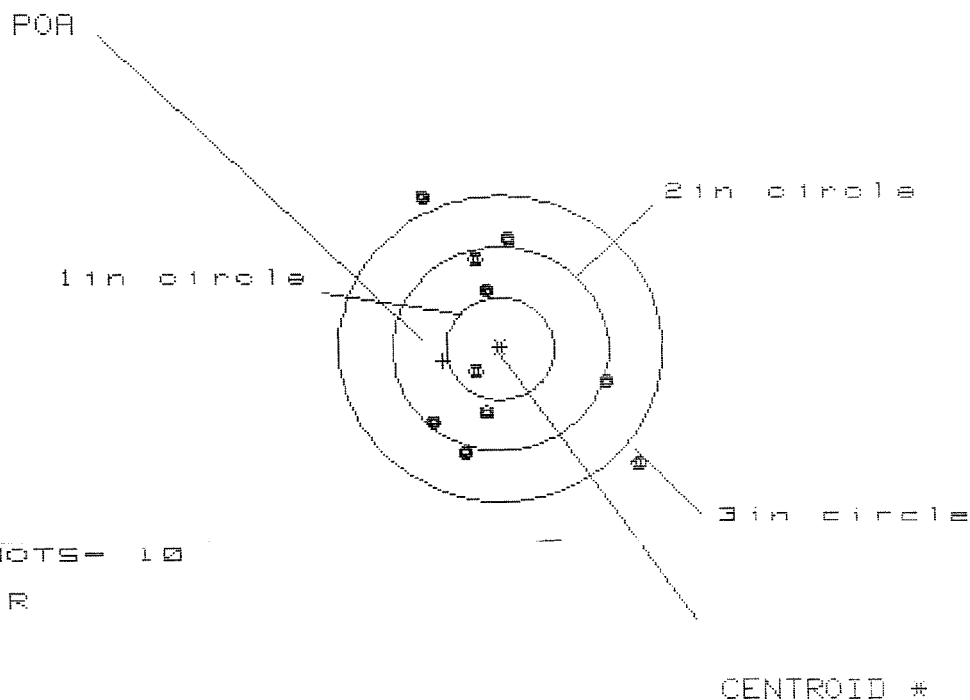
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.220	1.127
MINIMUM X	:	-1.344	-1.325	-1.418
MAXIMUM Y	:	2.112	1.852	1.368
MINIMUM Y	:	-2.341	-1.797	-1.565
CENTROID X	:	.532	.513	.606
CENTROID Y	:	.678	.938	.706
POA TO CENTROID in.	:	.861	1.069	.930
MIN RADIUS	:	.296	.477	.305
MEAN RADIUS	:	1.373	1.271	1.139
MAX RADIUS	:	2.346	1.994	1.906
HORIZONTAL SPREAD	:	2.545	2.545	2.545
VERTICAL SPREAD	:	4.453	3.649	2.933
EXTREME SPREAD	:	4.547	3.665	3.045
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348872

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.978

VS= 2.627

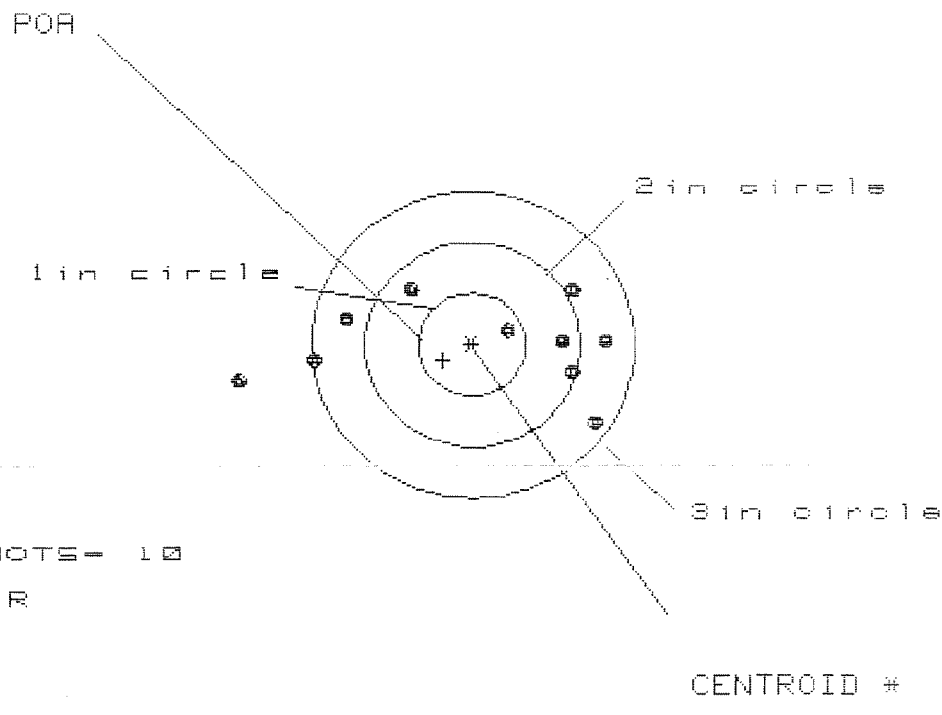
GS= 3.288

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.279	1.076	1.006
MINIMUM X	:	-.699	-.557	-.548
MAXIMUM Y	:	1.523	1.401	1.163
MINIMUM Y	:	-1.104	-1.116	-.941
CENTROID X	:	.526	.384	.454
CENTROID Y	:	.121	.243	.068
POA TO CENTROID in.	:	.540	.455	.459
MIN RADIUS	:	.360	.402	.273
MEAN RADIUS	:	.991	.901	.804
MAX RADIUS	:	1.689	1.507	1.176
HORIZONTAL SPREAD	:	1.978	1.633	1.554
VERTICAL SPREAD	:	2.627	2.517	2.104
EXTREME SPREAD	:	3.288	2.545	2.147
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6348872

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.388

VS= 1.321

GS= 3.406

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.202	.960	.749
MINIMUM X	-2.186	-1.688	-1.609
MAXIMUM Y	.563	.525	.494
MINIMUM Y	-.758	-.796	-.827
CENTROID X	.271	.513	.725
CENTROID Y	.157	.195	.226
POA TO CENTROID in.	.313	.549	.759
MIN RADIUS	.390	.156	.111
MEAN RADIUS	1.142	.948	.783
MAX RADIUS	2.212	1.706	1.617
HORIZONTAL SPREAD	3.388	2.648	2.357
VERTICAL SPREAD	1.321	1.321	1.321
EXTREME SPREAD	3.406	2.657	2.463
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348872

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.487

VS = 3.183

GS = 3.218

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.391
MINIMUM X	-1.095
MAXIMUM Y	1.492
MINIMUM Y	-1.691
CENTROID X	.110
CENTROID Y	.517
POA TO CENTROID in.	.529
MIN RADIUS	.296
MEAN RADIUS	1.086
MAX RADIUS	1.723
HORIZONTAL SPREAD	2.487
VERTICAL SPREAD	3.183
EXTREME SPREAD	3.218
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	9