

C6225527

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00120736

Serial: C6225527 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 11/27/2006 12:37:25 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR

PO Box:

BLDG E-3622 JUST CAUSE DR

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fail

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

11/27/2006

1:29 PM

CAPS

NUM

INS

SCRL

Serial
Number:

C6225527

Model: M24 SWS

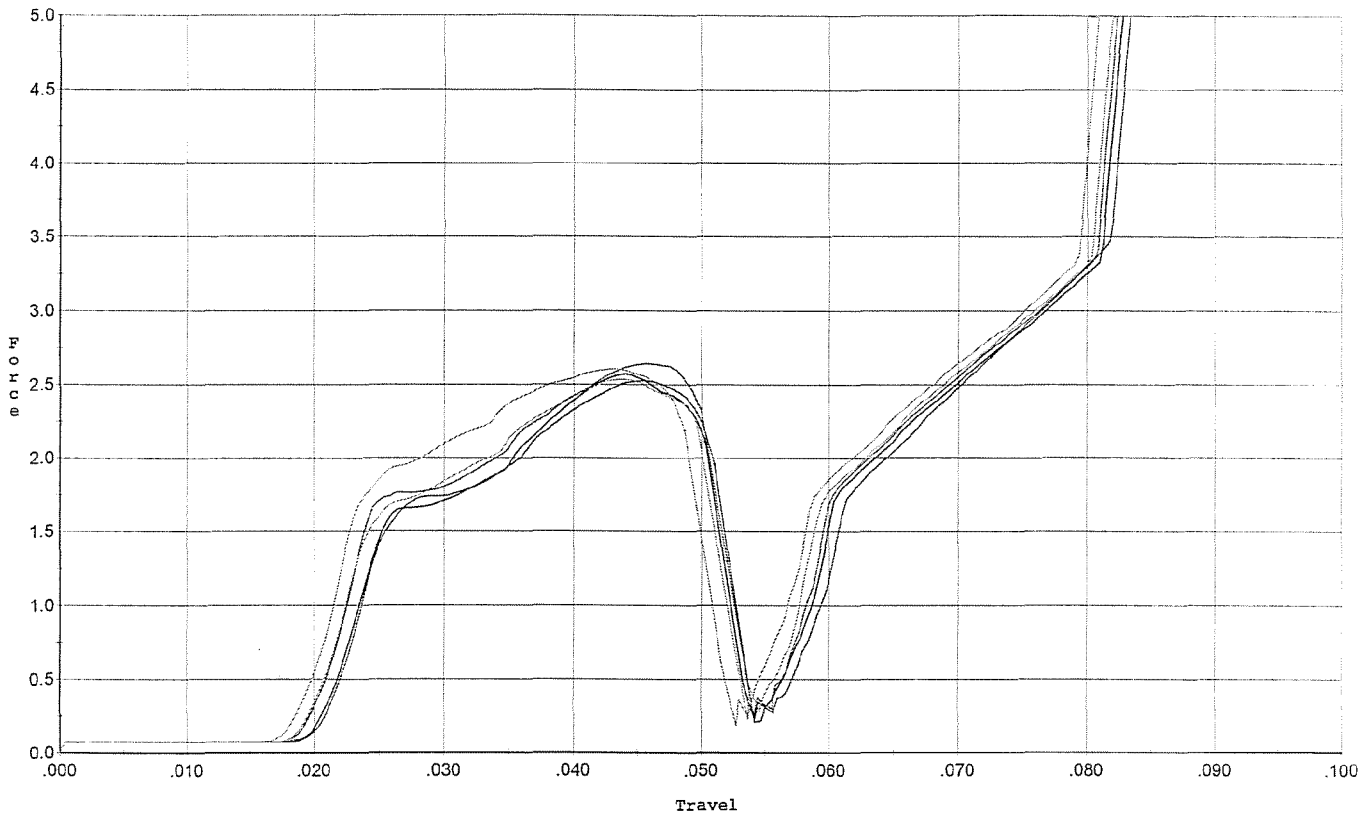


RE00120736

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/15/06

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



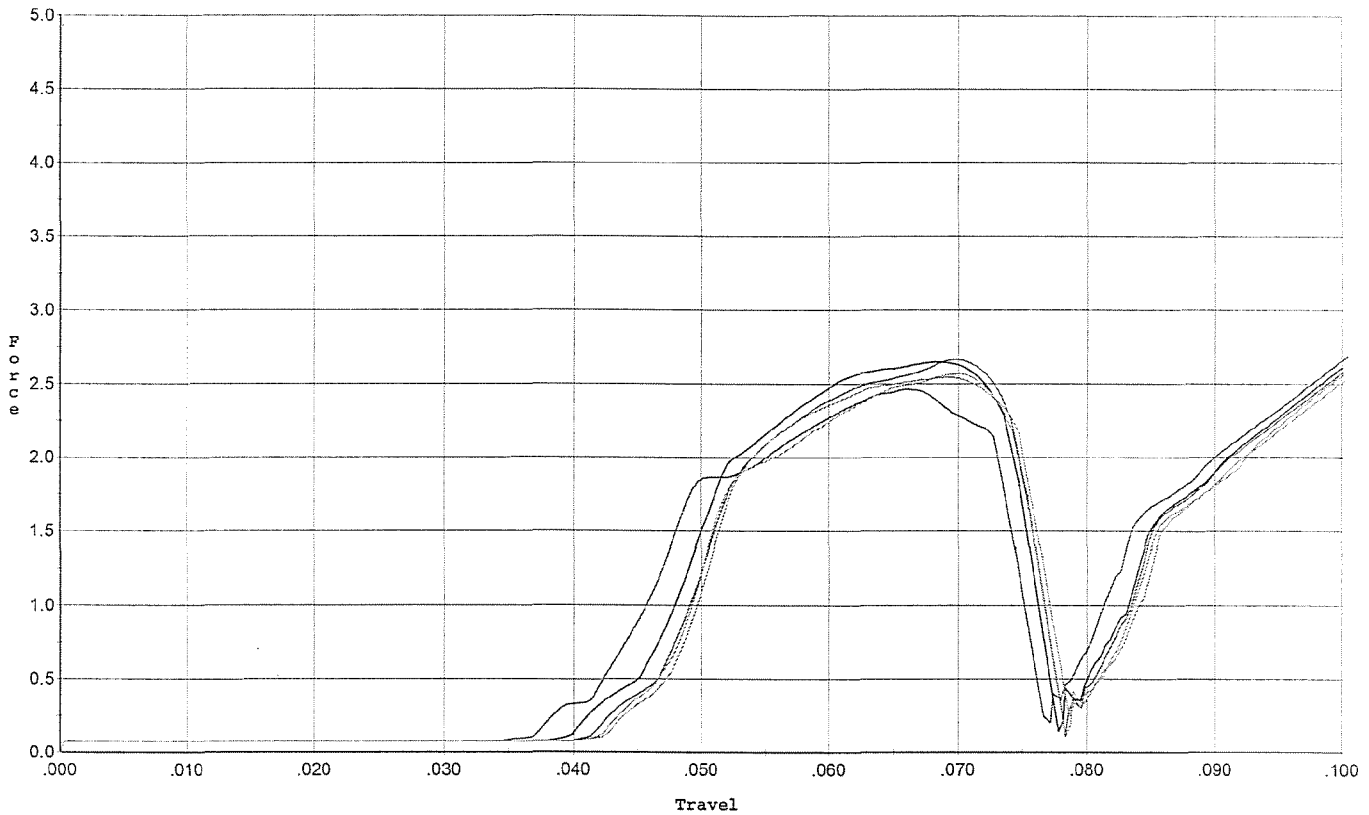
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.525	0.051	0.021	0.037	0.060		Set Trigger
2	2.572	0.050	0.020	0.037	0.059		Set Trigger
3	2.641	0.052	0.019	0.036	0.065		Set Trigger
4	2.536	0.050	0.019	0.036	0.061		Set Trigger
5	2.605	0.049	0.018	0.036	0.064		Set Trigger

2.58 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/15/06

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



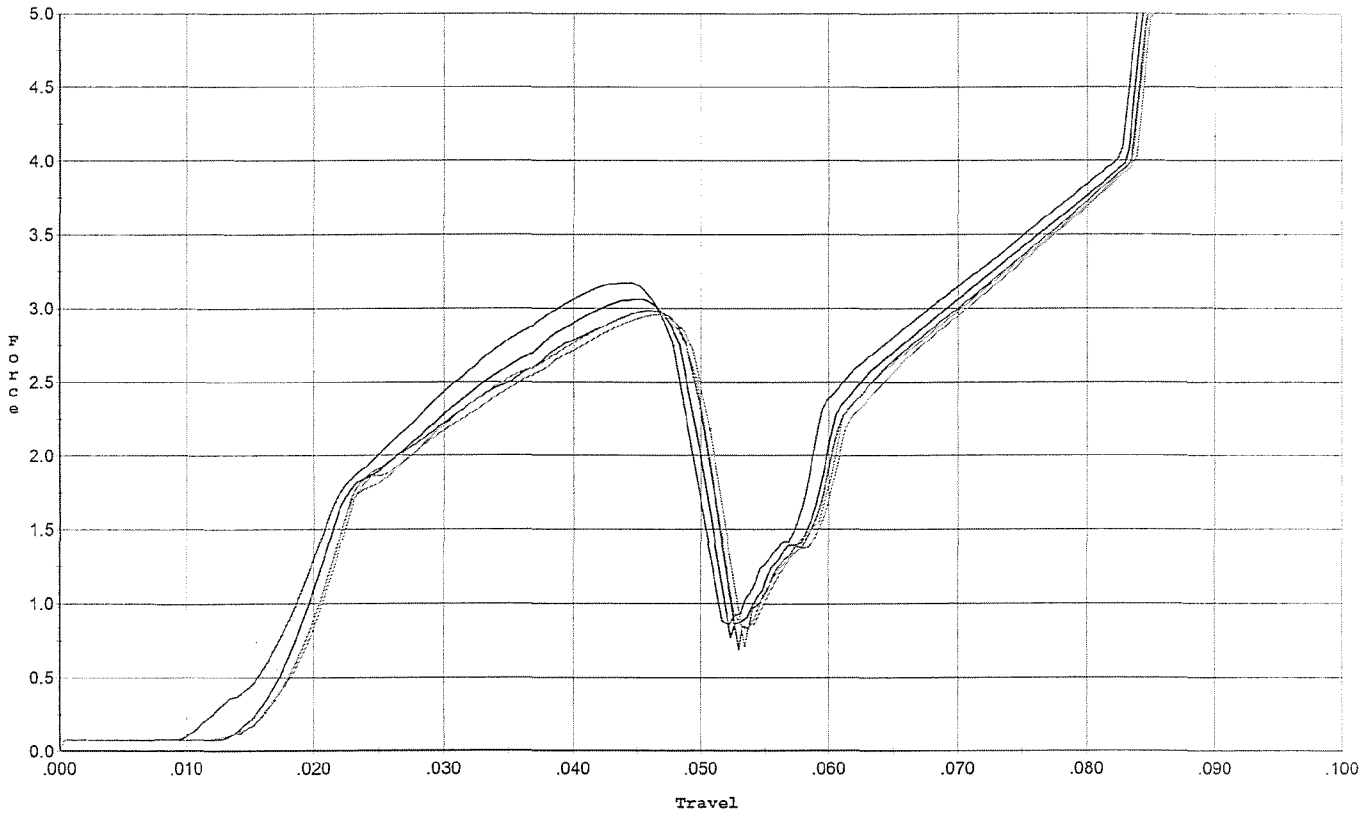
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.463	0.074	0.042	0.041	0.066		Set Trigger
2	2.649	0.075	0.046	0.041	0.068		Set Trigger
3	2.666	0.075	0.047	0.041	0.066		Set Trigger
4	2.571	0.075	0.047	0.041	0.064		Set Trigger
5	2.547	0.076	0.048	0.041	0.066		Set Trigger

2.58 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/15/06

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



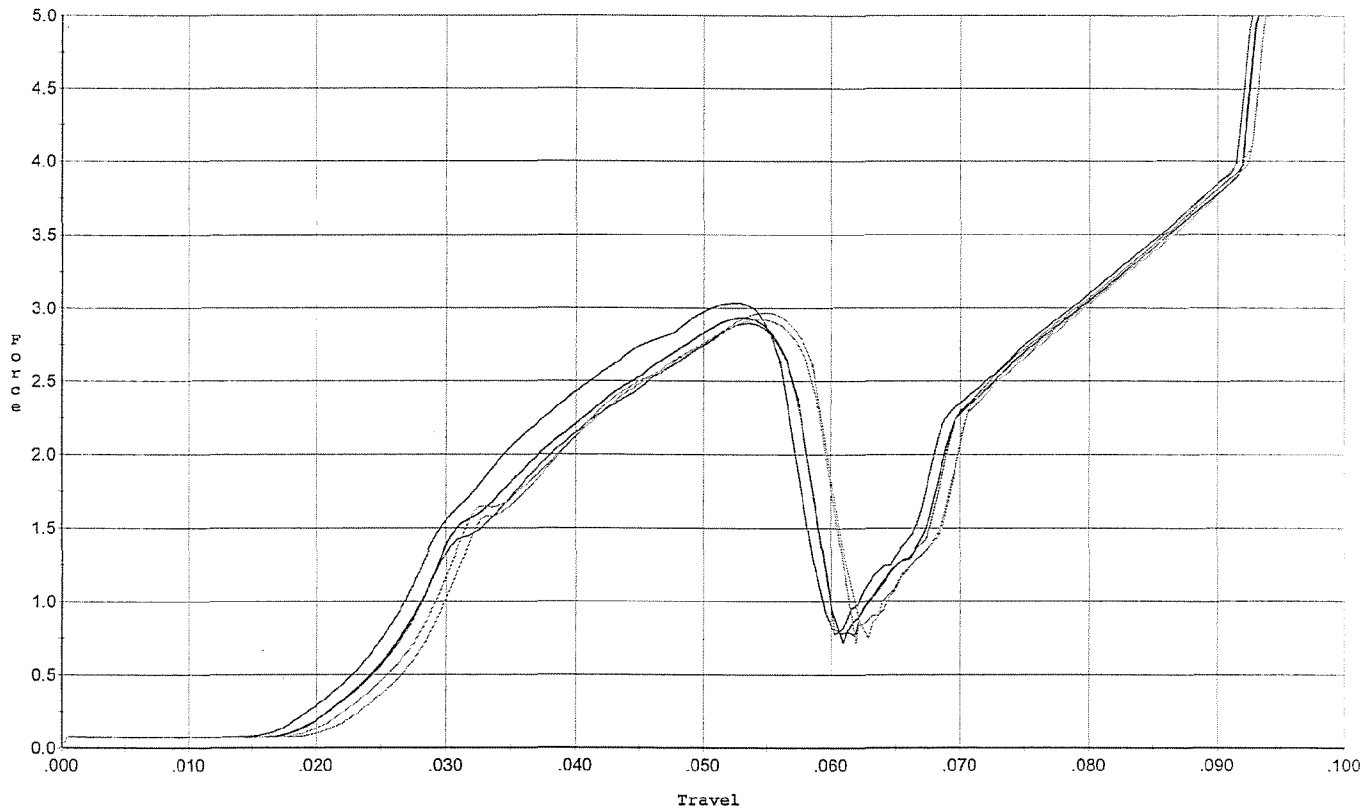
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.174	0.048	0.016	0.038	0.078		Set Trigger
2	3.061	0.050	0.017	0.038	0.076		Set Trigger
3	2.985	0.050	0.017	0.038	0.074		Set Trigger
4	2.988	0.050	0.018	0.038	0.074		Set Trigger
5	2.957	0.051	0.018	0.038	0.075		Set Trigger

3.03 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/15/06

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



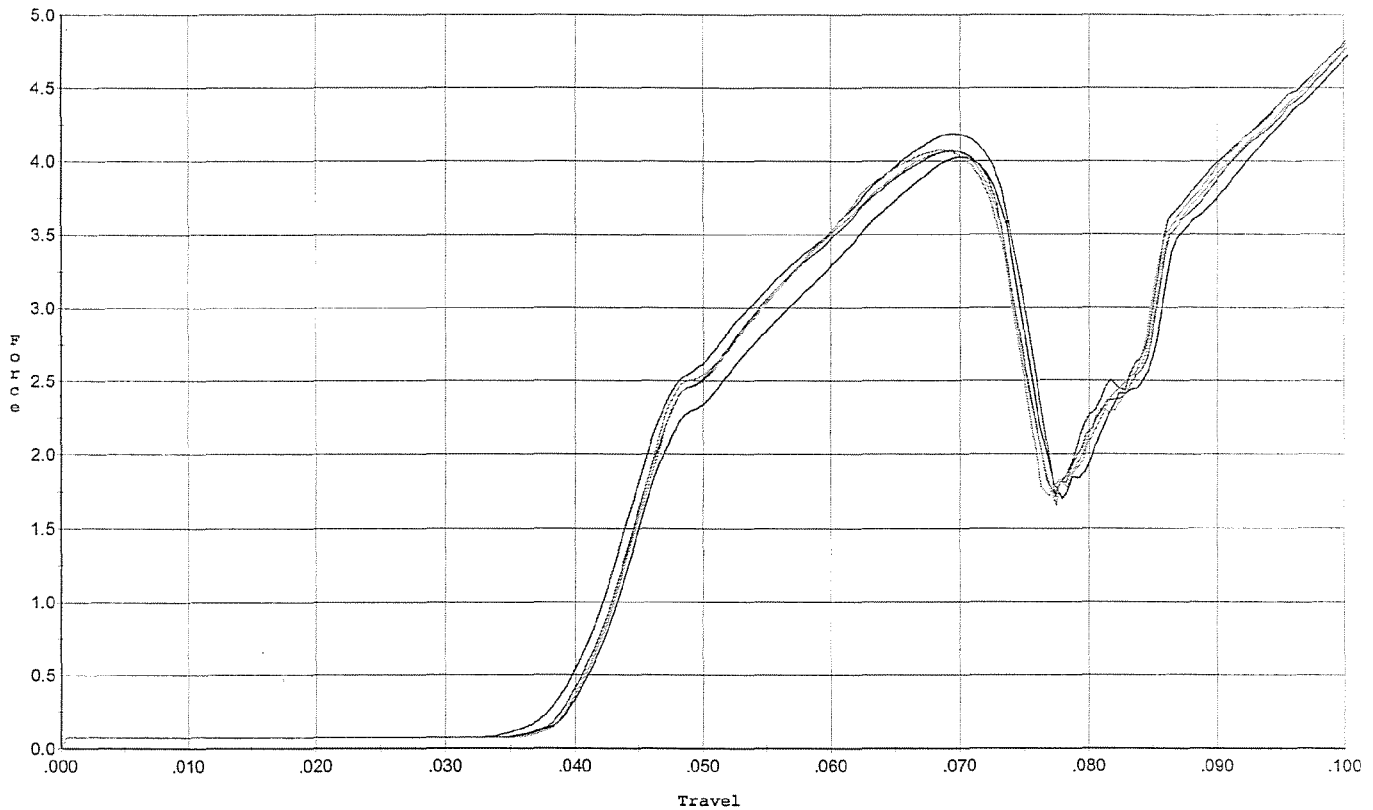
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.037	0.056	0.026	0.039	0.076		Set Trigger
2	2.936	0.057	0.026	0.039	0.073		Set Trigger
3	2.898	0.057	0.027	0.039	0.071		Set Trigger
4	2.924	0.059	0.028	0.038	0.074		Set Trigger
5	2.969	0.059	0.028	0.038	0.072		Set Trigger

2.95 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/15/06

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



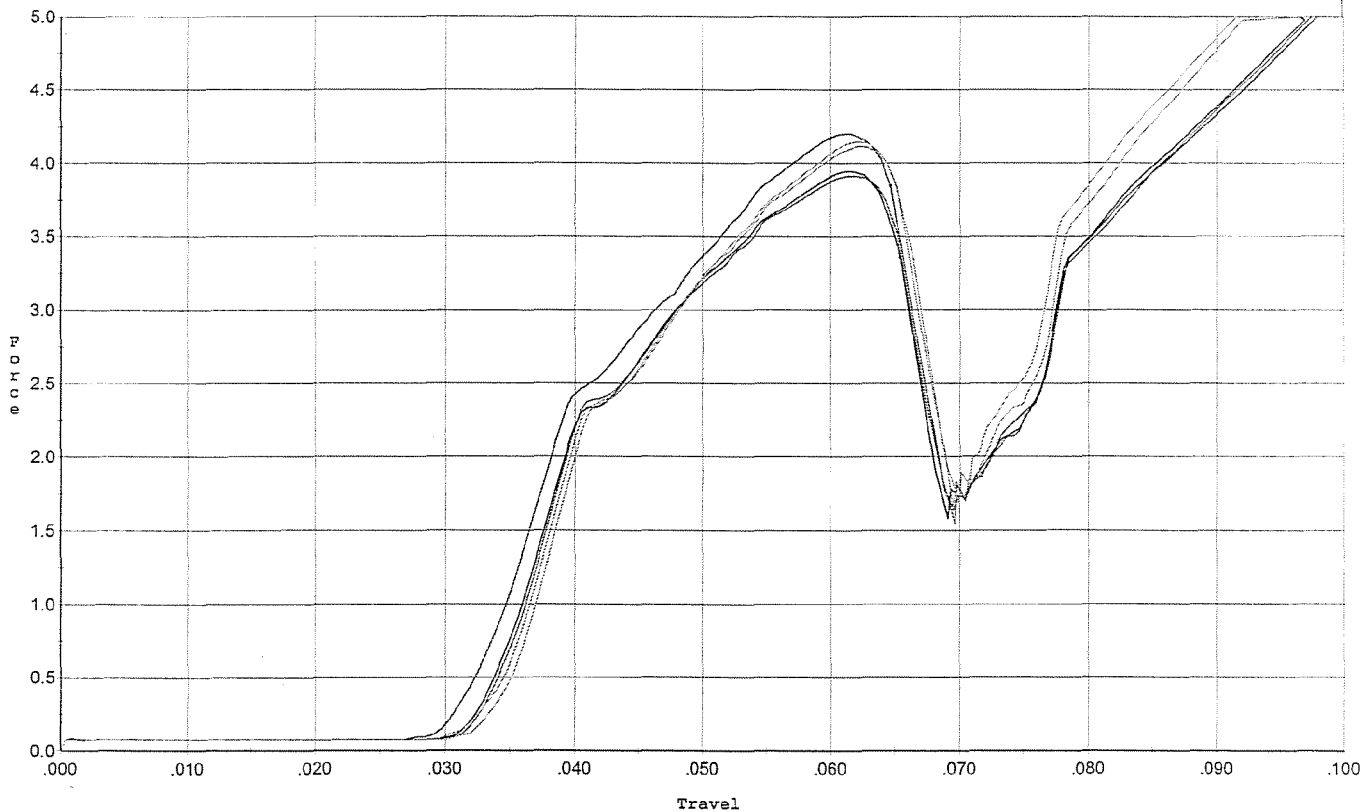
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.182	0.075	0.039	0.037	0.111		Set Trigger
2	4.027	0.074	0.040	0.038	0.100		Set Trigger
3	4.064	0.073	0.039	0.038	0.103		Set Trigger
4	4.070	0.073	0.040	0.038	0.102		Set Trigger
5	4.070	0.073	0.039	0.038	0.104		Set Trigger

4.08 Avg.

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: M. McKinney 11/15/06

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



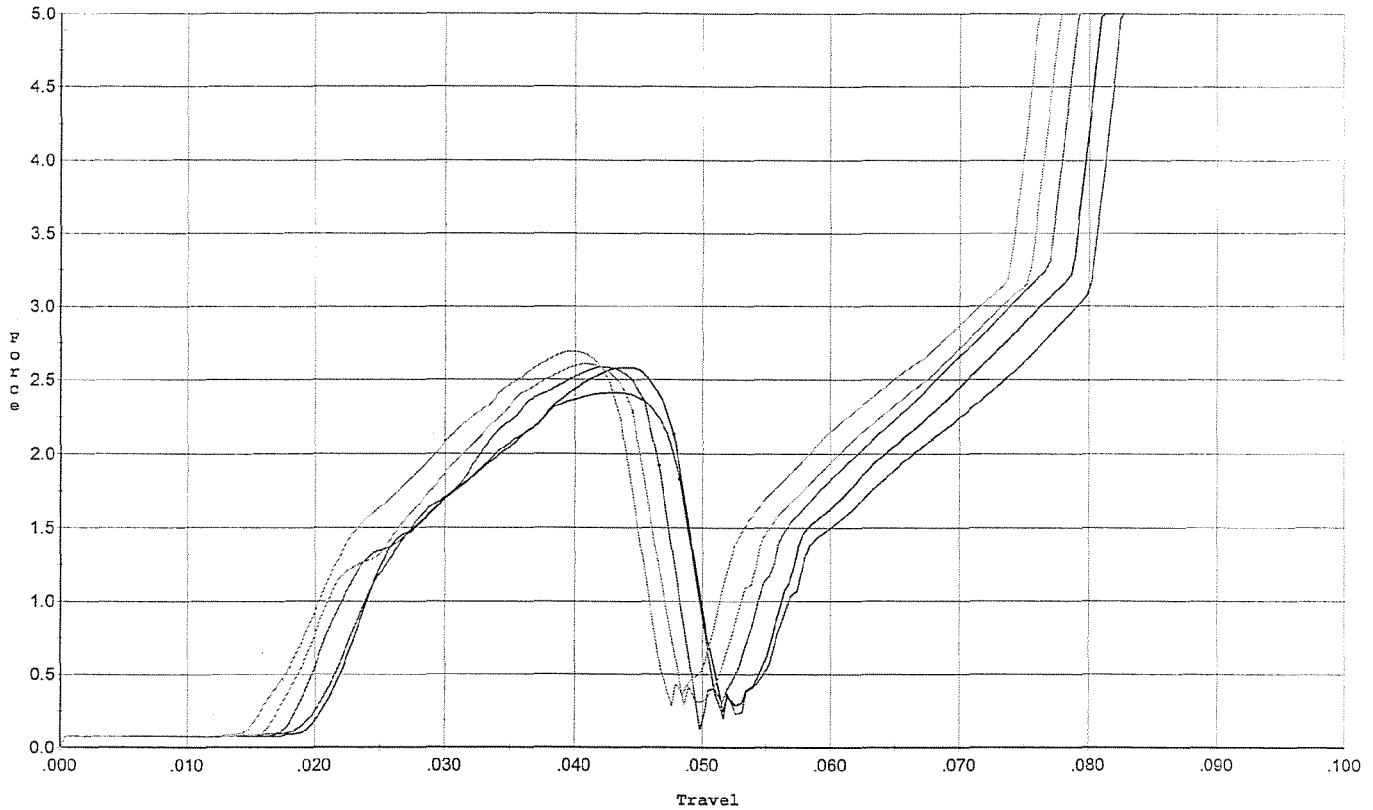
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.199	0.065	0.031	0.037	0.103		Set Trigger
2	3.945	0.065	0.033	0.037	0.096		Set Trigger
3	3.913	0.065	0.033	0.037	0.095		Set Trigger
4	4.145	0.065	0.034	0.036	0.098		Set Trigger
5	4.112	0.066	0.034	0.036	0.099		Set Trigger

4.06 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/15/06

Model: M/24
 Serial No: Form #F005
 Trigger: Final Test & To Reset 2.5 lbs.



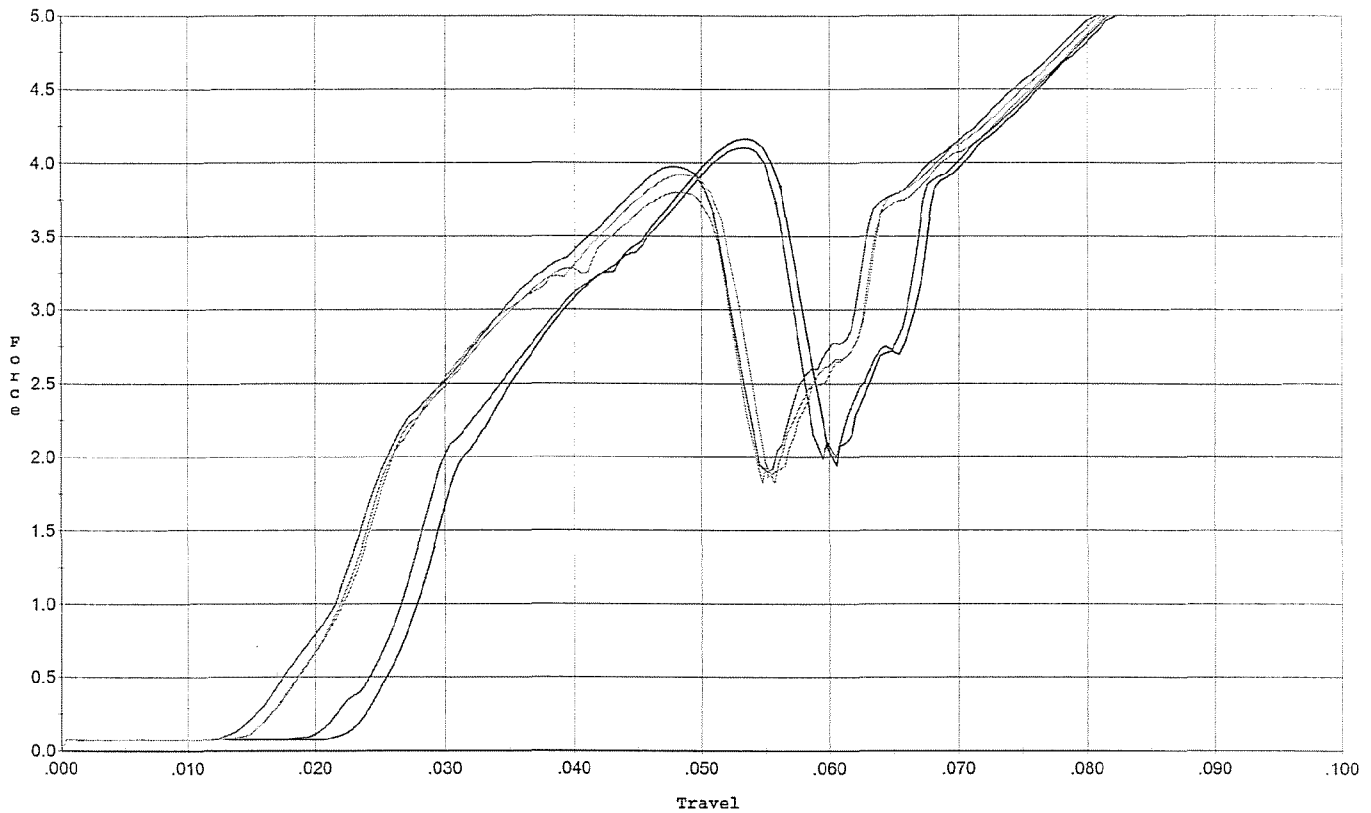
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.412	0.048	0.021	0.038	0.052		Set Trigger
2	2.580	0.048	0.021	0.037	0.053		Set Trigger
3	2.586	0.047	0.018	0.036	0.053		Set Trigger
4	2.604	0.045	0.017	0.036	0.052		Set Trigger
5	2.691	0.044	0.016	0.036	0.054		Set Trigger

2.58 Avg.

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: M. McKinney 11/15/06

Model: M/24
 Serial No: Form #F005
 Trigger: Reset to 4.0 lbs. For Target & Accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.104	0.056	0.024	0.032	0.095		Set Trigger
2	4.164	0.056	0.024	0.032	0.094		Set Trigger
3	3.976	0.051	0.017	0.033	0.094		Set Trigger
4	3.923	0.053	0.020	0.032	0.096		Set Trigger
5	3.803	0.051	0.019	0.033	0.091		Set Trigger

3.99 Avg.

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225527.___0

FILE DATE AND TIME: 12/13/2006 05:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.041
The Average Mean Radius of the Five Target Set:	0.699
The Distance from POA to Centroid Target #1:	0.158
The Distance from Centroid Target #2 to Centroid Target #1:	0.292
The Distance from Centroid Target #3 to Centroid Target #1:	0.385
The Distance from Centroid Target #4 to Centroid Target #1:	0.116
The Distance from Centroid Target #5 to Centroid Target #1:	0.178

BARBER - M24 0050698

SERIAL NUMBER: C6225527. 0

TARGET NUMBER: 1

FILE DATE: 12/13/2006

FILE TIME: 05:40

POINT#	X	Y
1:	-0.463	1.314
2:	0.414	1.037
3:	-1.379	0.006
4:	-0.875	-0.910
5:	-0.795	-0.064
6:	-0.436	-0.304
7:	0.226	-0.157
8:	0.489	0.194
9:	0.684	-0.020
10:	1.184	0.166

X CENTROID: -0.095

Y CENTROID: 0.126

POA TO CENTROID: 0.158

HORZ SPREAD: 2.563

VERT SPREAD: 2.224

GROUP SPREAD: 2.335

MIN RADIUS: 0.428

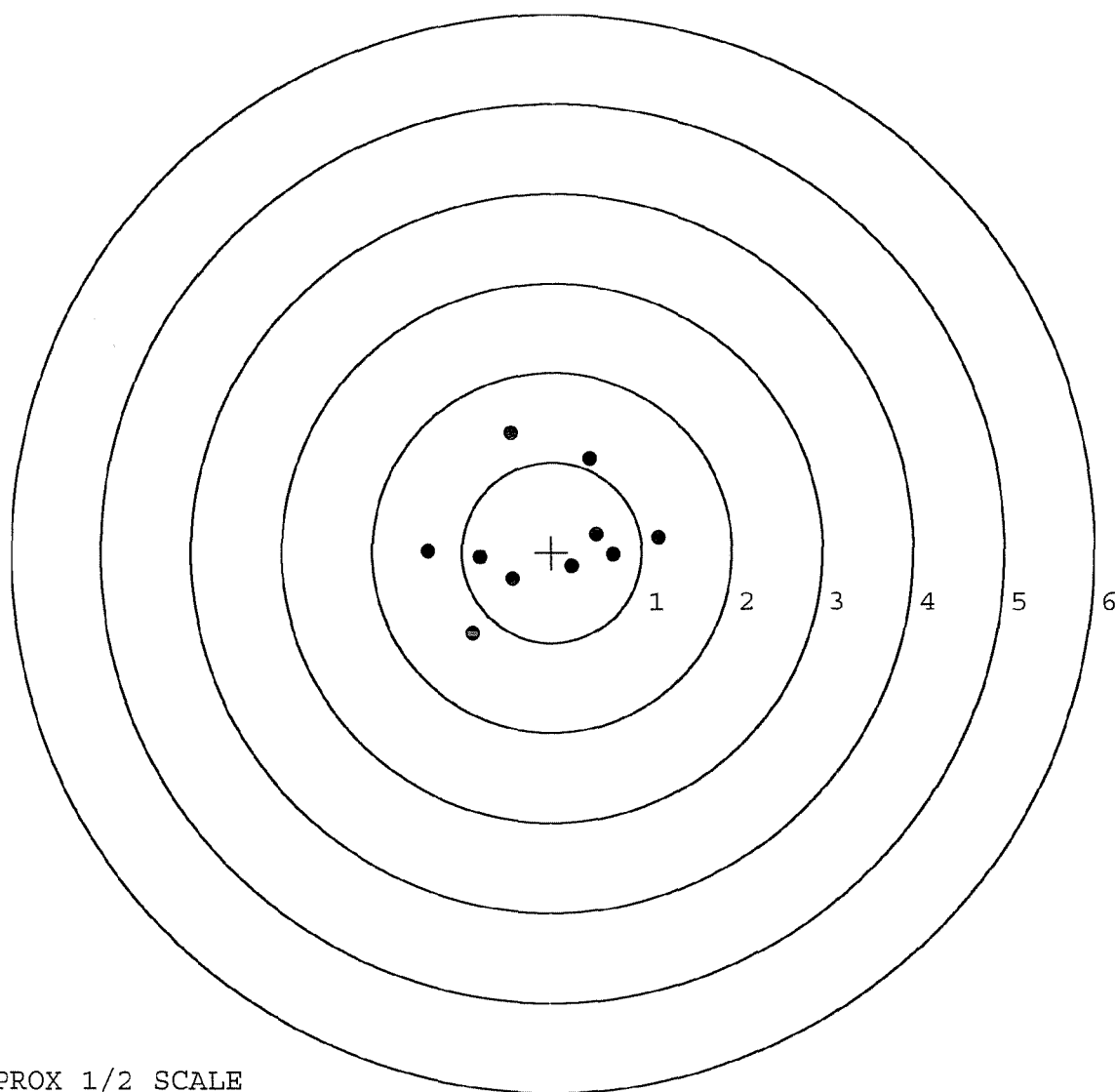
MAX RADIUS: 1.297

MEAN RADIUS: 0.924

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

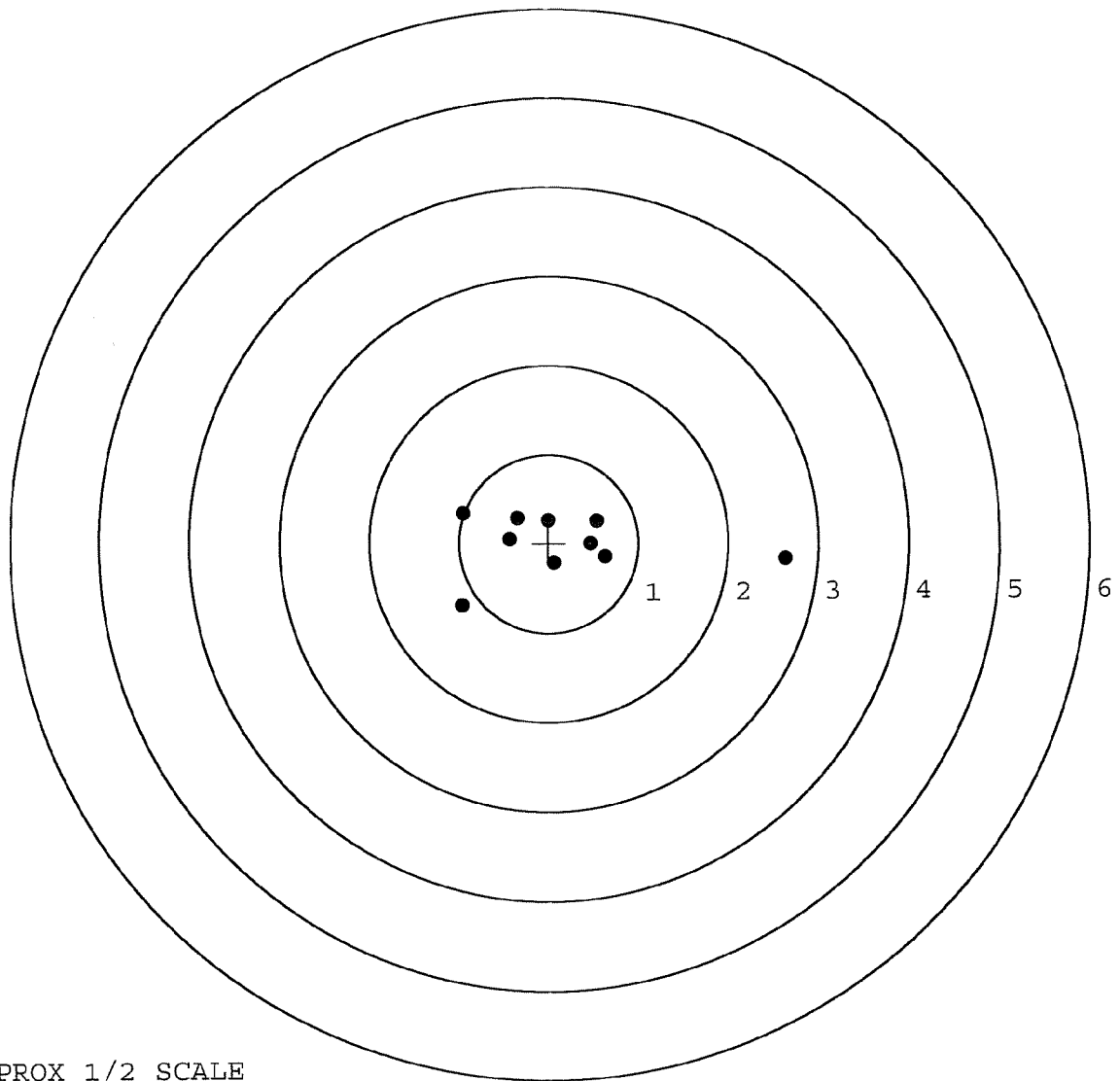


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 2
 FILE DATE: 12/13/2006
 FILE TIME: 05:40

POINT#	X	Y
1:	-0.970	-0.699
2:	-0.959	0.338
3:	-0.435	0.042
4:	-0.348	0.285
5:	0.000	0.257
6:	0.534	0.250
7:	0.633	-0.156
8:	0.064	-0.223
9:	0.472	-0.009
10:	2.631	-0.200

X CENTROID: 0.162
 Y CENTROID: -0.011
 POA TO CENTROID: 0.163
 HORZ SPREAD: 3.601
 VERT SPREAD: 1.037
 GROUP SPREAD: 3.635
 MIN RADIUS: 0.233
 MAX RADIUS: 2.476
 MEAN RADIUS: 0.797
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



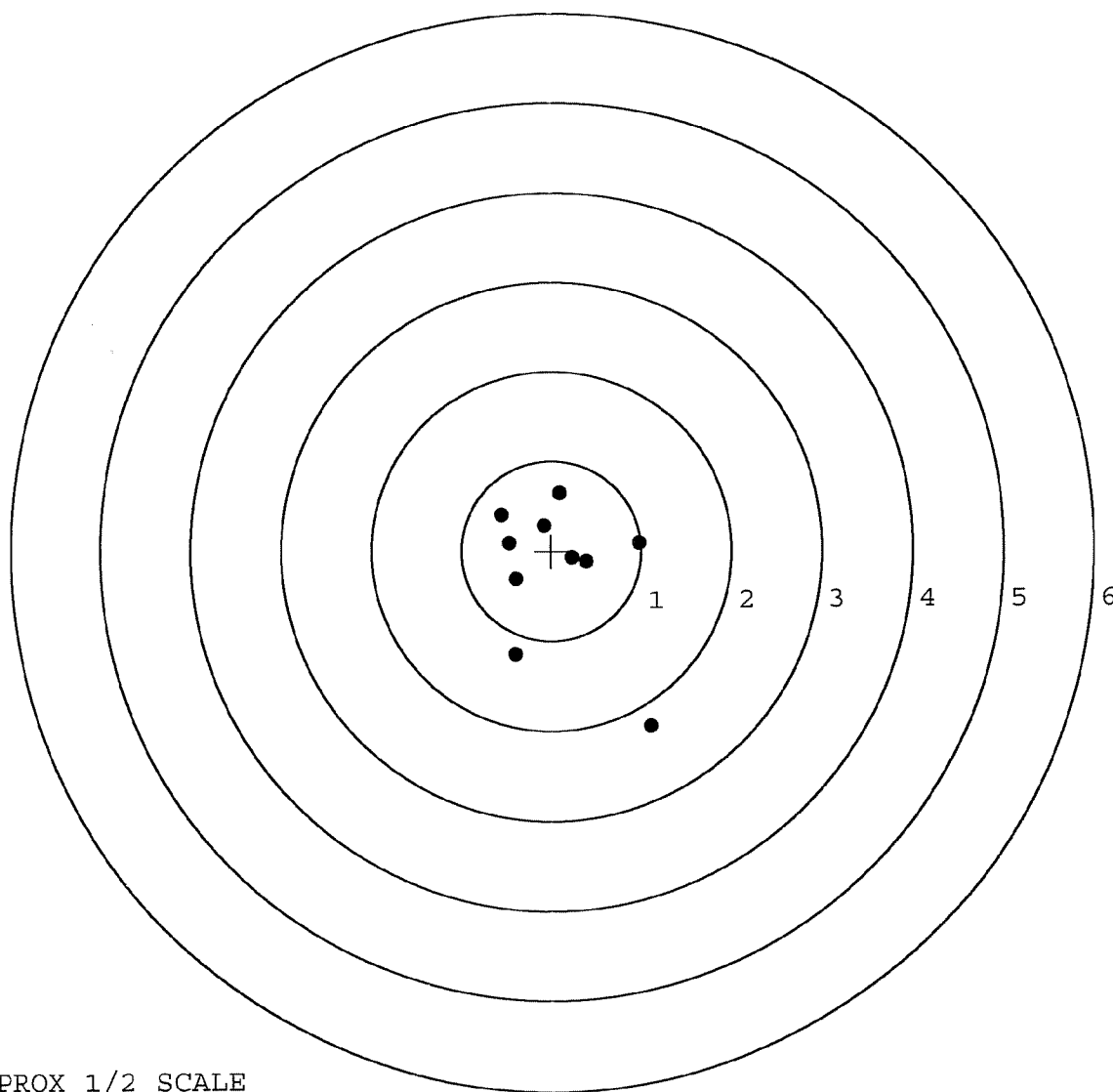
TARGET APPROX 1/2 SCALE

BARBER - M24 0050700

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 3
 FILE DATE: 12/13/2006
 FILE TIME: 05:40

POINT#	X	Y
1:	0.098	0.645
2:	-0.556	0.404
3:	-0.081	0.280
4:	-0.471	0.093
5:	-0.396	-0.314
6:	0.230	-0.080
7:	0.393	-0.122
8:	0.977	0.088
9:	-0.402	-1.157
10:	1.102	-1.959

X CENTROID: 0.089
 Y CENTROID: -0.212
 POA TO CENTROID: 0.230
 HORZ SPREAD: 1.658
 VERT SPREAD: 2.604
 GROUP SPREAD: 2.887
 MIN RADIUS: 0.193
 MAX RADIUS: 2.019
 MEAN RADIUS: 0.794
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



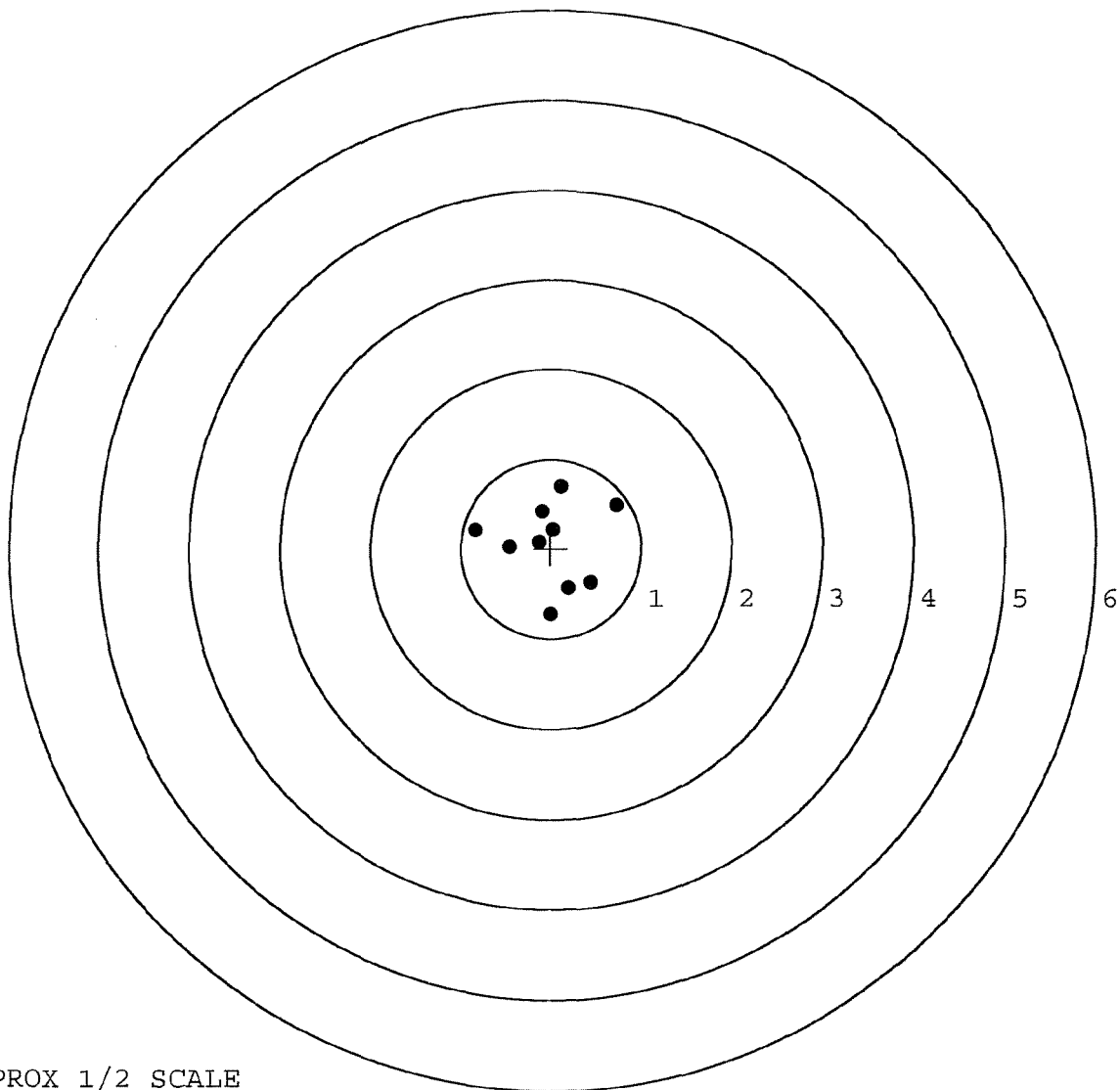
TARGET APPROX 1/2 SCALE

BARBER - M24 0050701

SERIAL NUMBER: C6225527. 0
 TARGET NUMBER: 4
 FILE DATE: 12/13/2006
 FILE TIME: 05:40

POINT#	X	Y
1:	0.444	-0.379
2:	0.196	-0.442
3:	0.005	-0.737
4:	-0.843	0.204
5:	-0.459	0.016
6:	0.110	0.694
7:	-0.104	0.418
8:	0.027	0.211
9:	-0.133	0.069
10:	0.722	0.491

X CENTROID: -0.004
 Y CENTROID: 0.054
 POA TO CENTROID: 0.055
 HORZ SPREAD: 1.565
 VERT SPREAD: 1.431
 GROUP SPREAD: 1.591
 MIN RADIUS: 0.130
 MAX RADIUS: 0.853
 MEAN RADIUS: 0.542
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



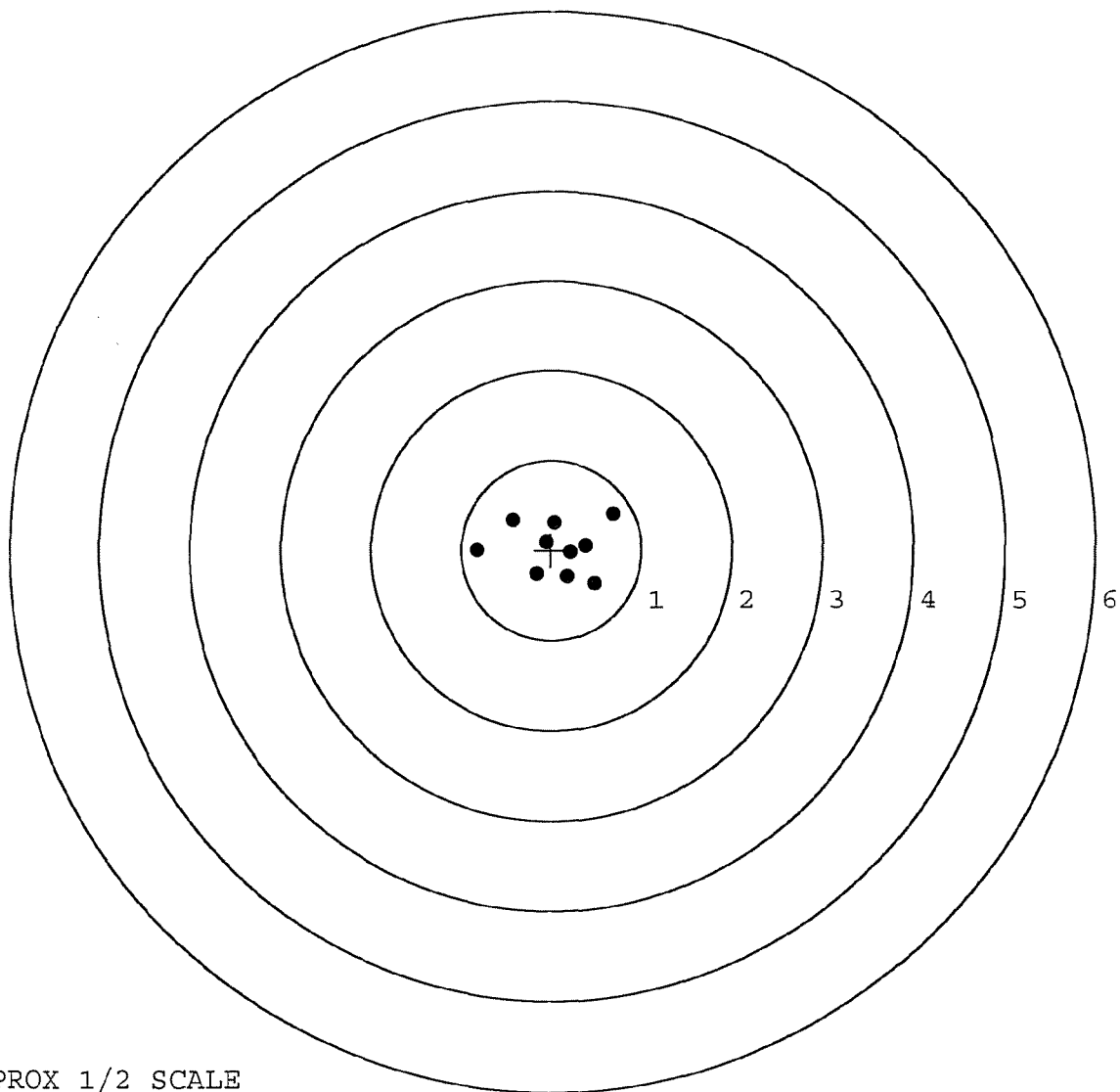
TARGET APPROX 1/2 SCALE

BARBER - M24 0050702

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 5
 FILE DATE: 12/13/2006
 FILE TIME: 05:40

POINT#	X	Y
1:	0.686	0.408
2:	0.481	-0.369
3:	0.384	0.058
4:	0.186	-0.295
5:	-0.163	-0.271
6:	-0.824	0.002
7:	-0.431	0.337
8:	0.038	0.312
9:	-0.058	0.089
10:	0.216	-0.023

X CENTROID: 0.052
 Y CENTROID: 0.025
 POA TO CENTROID: 0.057
 HORZ SPREAD: 1.510
 VERT SPREAD: 0.777
 GROUP SPREAD: 1.564
 MIN RADIUS: 0.127
 MAX RADIUS: 0.876
 MEAN RADIUS: 0.441
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120734		
SERIAL NUMBER	C60225527		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-28-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006 OPERATOR APD	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLG
480	MAGNAFLUX	12-5-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12/5/06	ES
530 & 540	APPLY COATINGS	12/7/06	ES
560	FINAL ASSEMBLY	12-12-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	TRW
650	TARGET	PASS FAIL	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-12-06 WR
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	12-16-06 BLG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.70 2.49 2.37 2.45 2.35 BLG
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 ⁰ 7 ⁰ 7 ⁰ 12-14-06 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2.75 2.75 2.75 12-14-06 RTZ
	I) FIRING PIN INDENT	.020	.022 .022 .023 12-14-06 RTZ
690	PACK		12-19-06 DH

F006 REV 5/2006

COMMENTS:

F006 REV 5/2006

Repair Number: **RE00079565** Serial: C6225527 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 4/2/2004 12:54:26 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: B CO 1/7 SFG A B CO 1/7 SFG A

Address 1: Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
X001	Deployment Kit	1

Repair Search Refresh Close

Serial Number: **C6225527**

Model: **M24 SWS**



RE00079565

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

BARBER - M24 **M2400050745**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225527.___0

FILE DATE AND TIME: 04/28/2004 06:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

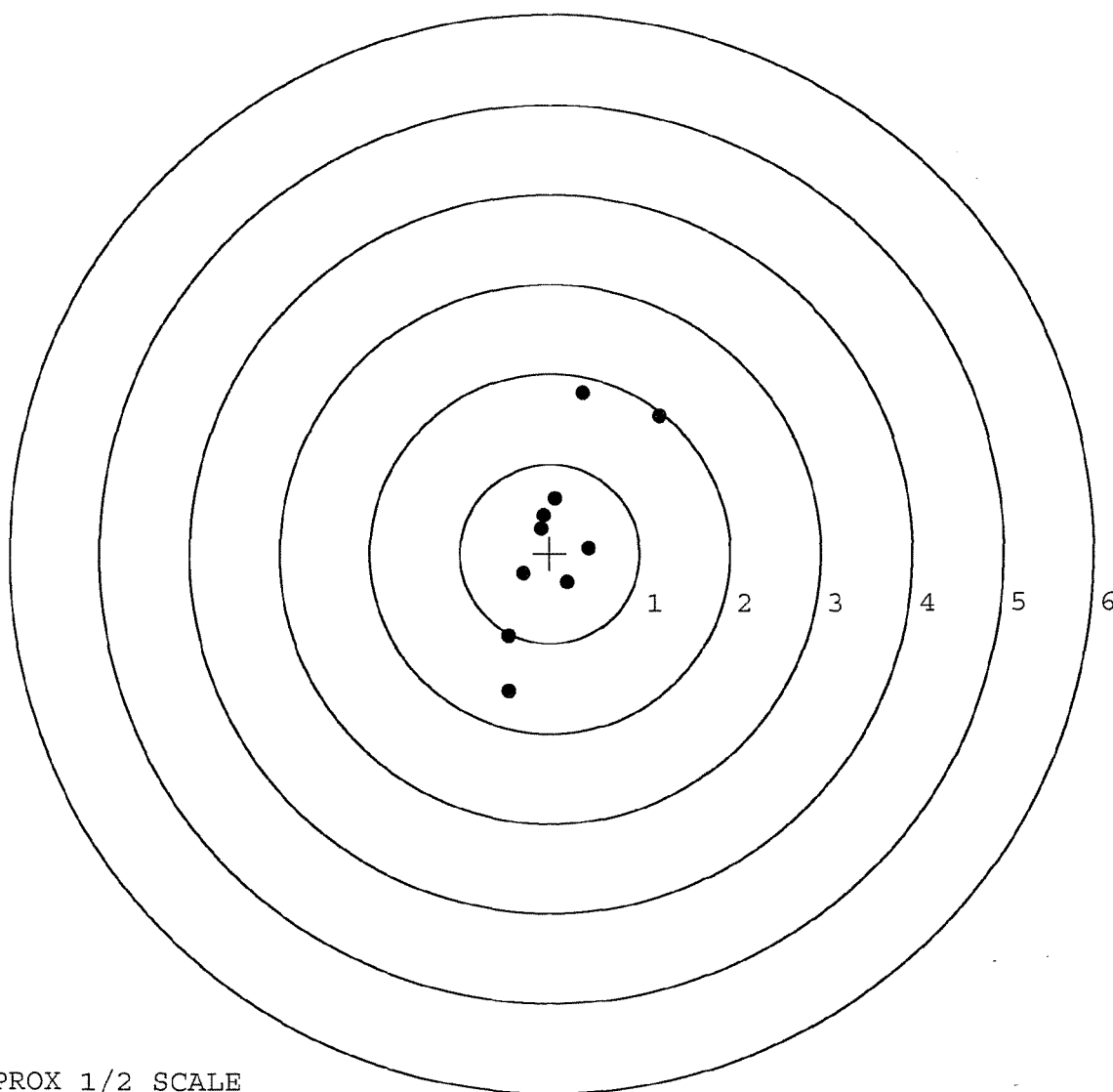
The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.033
The Average Mean Radius of the Five Target Set:	0.826
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.362
The Distance from Centroid Target #3 to Centroid Target #1:	0.465
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.298

BARBER - M24 0050708

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 1
 FILE DATE: 04/28/2004
 FILE TIME: 06:11

POINT#	X	Y
1:	-0.455	-1.539
2:	-0.461	-0.921
3:	-0.294	-0.232
4:	0.196	-0.329
5:	0.438	0.054
6:	-0.105	0.280
7:	-0.077	0.421
8:	0.054	0.614
9:	1.219	1.538
10:	0.363	1.781

X CENTROID: 0.088
 Y CENTROID: 0.167
 POA TO CENTROID: 0.188
 HORZ SPREAD: 1.680
 VERT SPREAD: 3.320
 GROUP SPREAD: 3.503
 MIN RADIUS: 0.224
 MAX RADIUS: 1.790
 MEAN RADIUS: 0.883
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7



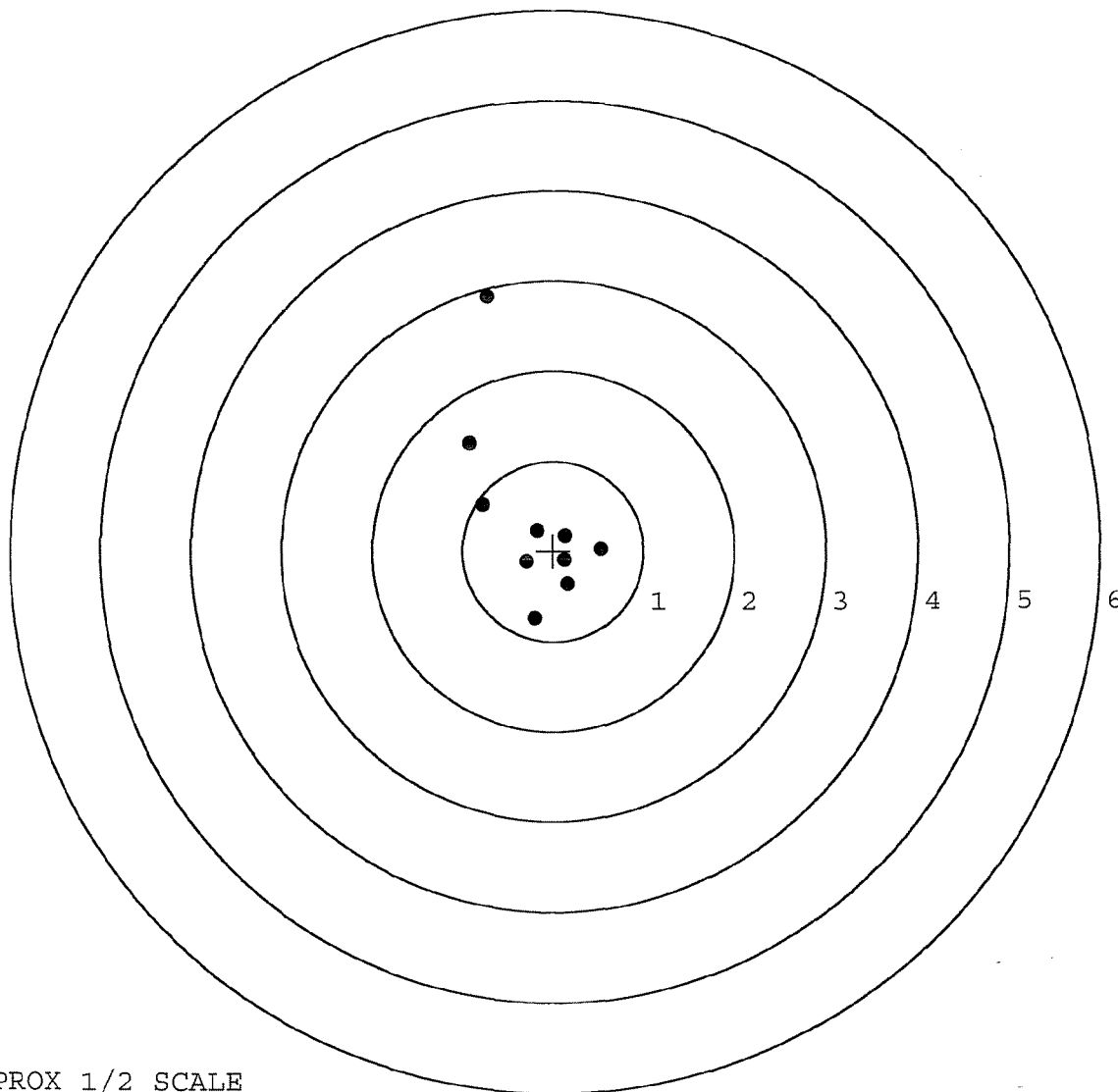
TARGET APPROX 1/2 SCALE

BARBER - M24 0050709

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 2
 FILE DATE: 04/28/2004
 FILE TIME: 06:11

X CENTROID: -0.218
 Y CENTROID: 0.359
 POA TO CENTROID: 0.420
 HORZ SPREAD: 1.458
 VERT SPREAD: 3.565
 GROUP SPREAD: 3.603
 MIN RADIUS: 0.139
 MAX RADIUS: 2.510
 MEAN RADIUS: 0.854
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.786	0.511
2:	-0.926	1.191
3:	-0.737	2.815
4:	-0.212	-0.750
5:	0.532	0.021
6:	0.164	-0.367
7:	-0.295	-0.121
8:	-0.183	0.225
9:	0.132	0.168
10:	0.128	-0.100



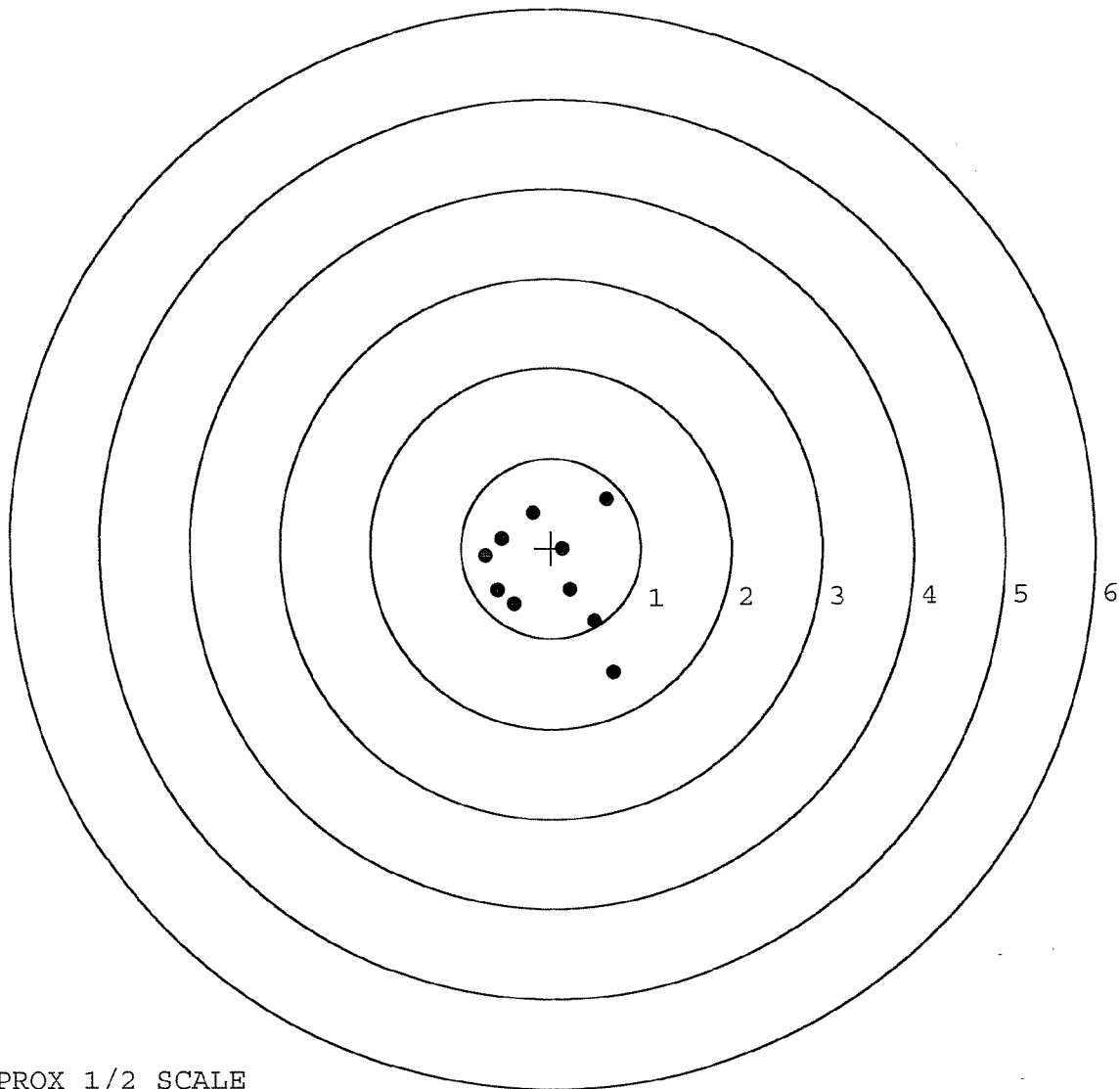
TARGET APPROX 1/2 SCALE

BARBER - M24 0050710

SERIAL NUMBER: C6225527.____0
 TARGET NUMBER: 3
 FILE DATE: 04/28/2004
 FILE TIME: 06:11

X CENTROID: -0.034
 Y CENTROID: -0.282
 POA TO CENTROID: 0.284
 HORZ SPREAD: 1.425
 VERT SPREAD: 1.917
 GROUP SPREAD: 1.977
 MIN RADIUS: 0.306
 MAX RADIUS: 1.315
 MEAN RADIUS: 0.690
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.693	-1.377
2:	0.486	-0.819
3:	0.211	-0.465
4:	0.126	-0.011
5:	0.631	0.540
6:	-0.196	0.389
7:	-0.548	0.105
8:	-0.732	-0.092
9:	-0.595	-0.469
10:	-0.420	-0.621



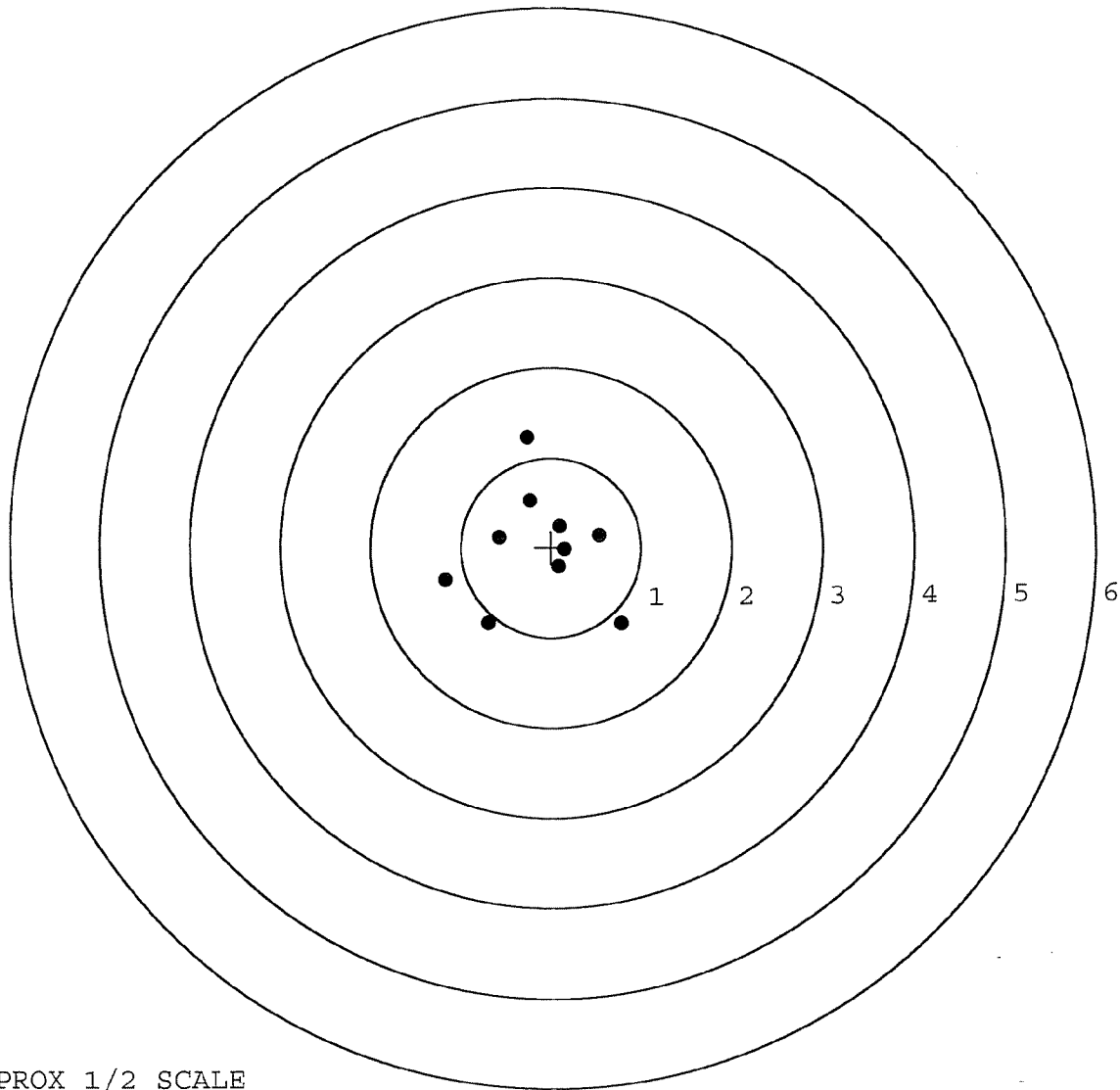
TARGET APPROX 1/2 SCALE

BARBER - M24 0050711

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 4
 FILE DATE: 04/28/2004
 FILE TIME: 06:11

POINT#	X	Y
1:	0.775	-0.850
2:	-0.703	-0.846
3:	-1.175	-0.364
4:	-0.578	0.115
5:	-0.239	0.523
6:	-0.262	1.233
7:	0.099	0.239
8:	0.537	0.140
9:	0.149	-0.025
10:	0.081	-0.217

X CENTROID: -0.132
 Y CENTROID: -0.005
 POA TO CENTROID: 0.132
 HORZ SPREAD: 1.950
 VERT SPREAD: 2.083
 GROUP SPREAD: 2.327
 MIN RADIUS: 0.281
 MAX RADIUS: 1.245
 MEAN RADIUS: 0.721
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



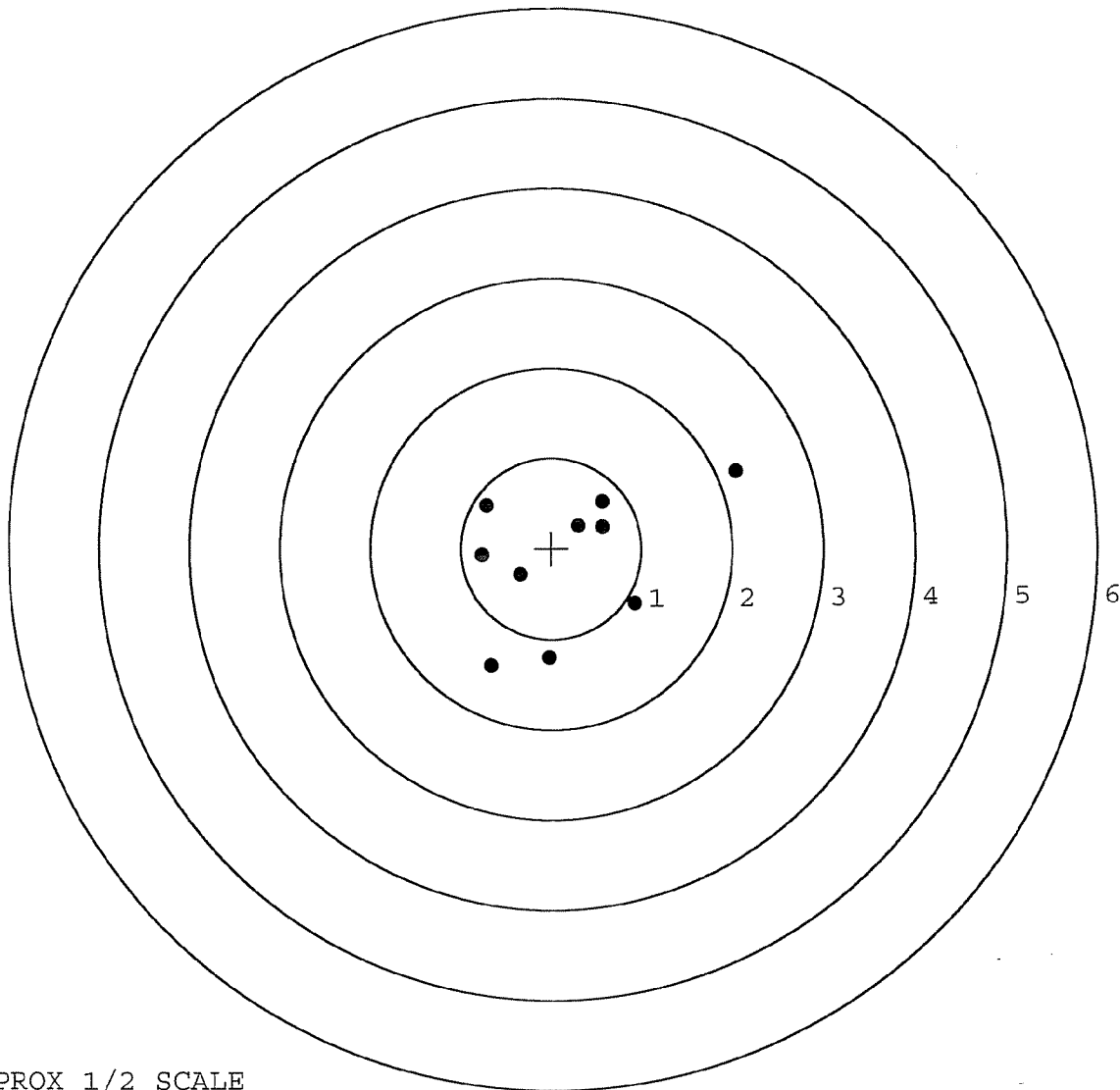
TARGET APPROX 1/2 SCALE

BARBER - M24 0050712

SERIAL NUMBER: C6225527. __0
 TARGET NUMBER: 5
 FILE DATE: 04/28/2004
 FILE TIME: 06:11

POINT#	X	Y
1:	-0.032	-1.207
2:	-0.675	-1.295
3:	0.925	-0.610
4:	2.042	0.851
5:	0.571	0.516
6:	0.569	0.239
7:	0.302	0.251
8:	-0.351	-0.289
9:	-0.771	-0.076
10:	-0.718	0.479

X CENTROID: 0.186
 Y CENTROID: -0.114
 POA TO CENTROID: 0.218
 HORZ SPREAD: 2.813
 VERT SPREAD: 2.146
 GROUP SPREAD: 3.462
 MIN RADIUS: 0.383
 MAX RADIUS: 2.092
 MEAN RADIUS: 0.980
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0050713 INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # 06225527 INSPECTED BY: RT

DATE REC'D: 4-2-04 DATE RET'D: 4-28-04

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

Remington
MODEL 700™ M24

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

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

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

SERIAL NO.
C6225527

ORDER NO.
5716

20

5716 C6225527

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225527

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		10/25/88	MS.
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-17-89	158
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/3/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/3/89	RW
	C) Inspect Ejector Hole for Chamfer		2/3/89	RW
	D) Oil Firing Pin Ass'y		2/3/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/26/89	98

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			6 Feb 89	JS
	G) Safety Off Force	4	4	3			6 Feb 89	JS
	H) Trigger Pull Test & Retainability						6 Feb 89	JS
	I) Firing Pin Indent	.020	.0205	.0205			6 Feb 89	JS
	J) Assemble Stock						2/14/89	RW
	K) Assemble Swivel Studs						16 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/14/89	RW
	M) Iron Sight Alignment						2/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/14/89	RW
	O) Attach Scope to Rifle						15 Feb 89	JS
	P) Detach & Attach Scope 20 Times						15 Feb 89	JS
640	Gallery Target & Test	76 R	79 L				2/15/89	PH
	A) Time						2/15/89	PH
	B) Malfunctions						2/15/89	PH
	C) Pierced Primers						2/15/89	PH
	D) Optical Clarity of Scope						2/15/89	PH
645	Inspect for Live Ammo						2/15/89	PH
655	Final Inspection							
	A) Headspace						16 Feb 89	JS
	B) Trigger Pull	2.54	2.52	2.59	2.59	2.34	16 Feb 89	JS
	C) Function						16 Feb 89	JS
660	Pack						23 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5587DATE 4-3-90TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.37		2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.40		2.31	
PULL #3	2.42	2.38		2.38	
PULL #4	2.40	2.39		2.40	
PULL #5	2.34	2.27		2.36	
TOTAL	11.85	11.81		11.94	
AVG.	2.37	2.362		2.388	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.24		
PULL #2	3.44	3.41		
PULL #3	3.42	3.38		
PULL #4	3.34	3.31		
PULL #5	3.39	3.32		
TOTAL	17.00	16.66		
AVG.	3.4	3.332		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.27		
PULL #2	4.29	4.30		
PULL #3	4.21	4.35		
PULL #4	4.25	4.32		
PULL #5	4.18	4.22		
TOTAL	21.20	21.46		
AVG.	4.24	4.292		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225527
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.124278
1 TO	2	.123223
1 TO	3	.170294
1 TO	4	.0952575
1 TO	5	.207002

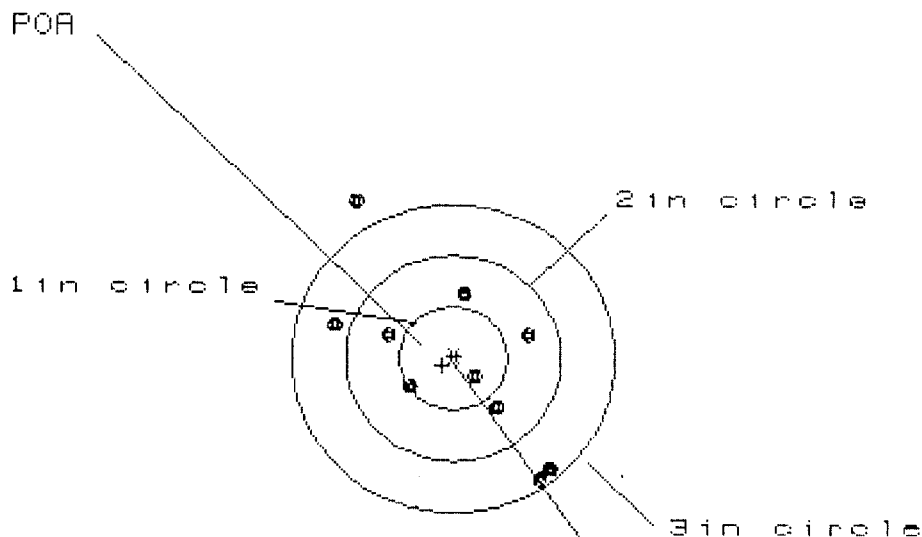
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0476
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0622
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0783237
THE AMR FOR THIS RIFLE IS: .934

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225527

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.035

VS = 2.646

GS = 3.159

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.920	.818	.905
MINIMUM X	-1.115	-1.217	-1.130
MAXIMUM Y	1.514	.841	.721
MINIMUM Y	-1.132	-.964	-.979
CENTROID X	.102	.205	.118
CENTROID Y	.071	-.097	.023
POA TO CENTROID in.	.125	.227	.121
MIN RADIUS	.269	.076	.222
MEAN RADIUS	.911	.785	.739
MAX RADIUS	1.775	1.333	1.333
HORIZONTAL SPREAD	2.035	2.035	2.035
VERTICAL SPREAD	2.646	1.805	1.700
EXTREME SPREAD	3.159	2.471	2.471
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

17 Feb 1989

FILE: \PATTERNING\CENTERFIRE_PATT\06225527

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS - 2.399

VS - 2.540

GS - 2.691

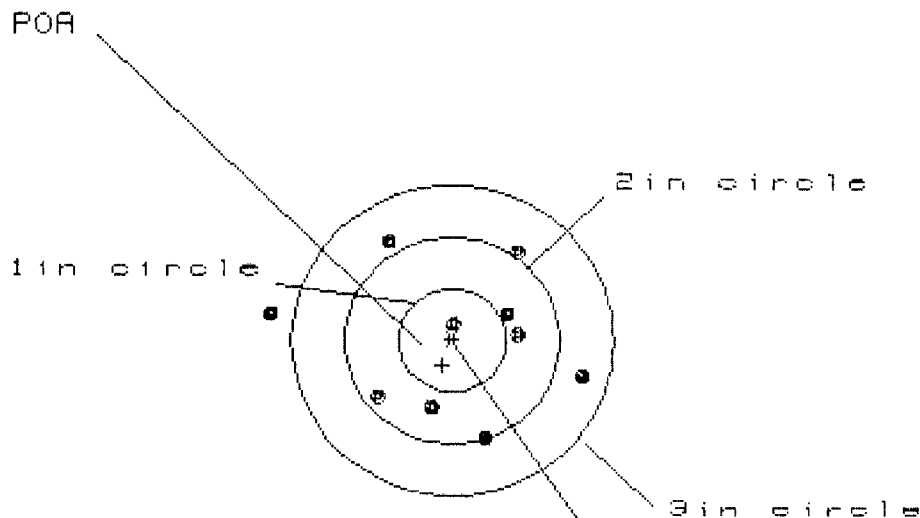
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.183	1.234	1.088
MINIMUM X	:	-1.216	-1.165	-.627
MAXIMUM Y	:	1.546	.922	1.035
MINIMUM Y	:	-.994	-.822	-.709
CENTROID X	:	-.018	-.069	.077
CENTROID Y	:	.099	-.073	-.186
POA TO CENTROID in.	:	.100	.100	.202
MIN RADIUS	:	.244	.385	.310
MEAN RADIUS	:	.896	.799	.701
MAX RADIUS	:	1.612	1.476	1.103
HORIZONTAL SPREAD	:	2.399	2.399	1.715
VERTICAL SPREAD	:	2.540	1.744	1.744
EXTREME SPREAD	:	2.691	2.611	1.968
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225527

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 5

3 in - 9

HS - 2.959

VS - 1.904

GS - 3.011

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.224
MINIMUM X	-1.735
MAXIMUM Y	.946
MINIMUM Y	-.958
CENTROID X	.092
CENTROID Y	.241
POA TO CENTROID in.	.258
MIN RADIUS	.158
MEAN RADIUS	.909
MAX RADIUS	1.753
HORIZONTAL SPREAD	2.959
VERTICAL SPREAD	1.904
EXTREME SPREAD	3.011
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225527

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR.

1in = 1

2in = 4

3in = 9

HS = 2.752

VS = 2.367

GS = 2.907

CENTROID #

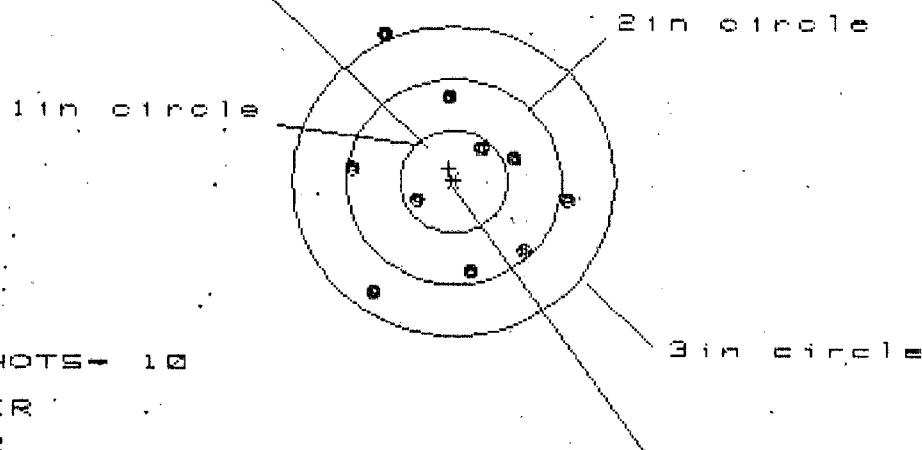
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.302	1.177	.980
MINIMUM X	-1.450	-1.575	-1.238
MAXIMUM Y	1.187	1.314	1.323
MINIMUM Y	-1.180	-1.053	-1.044
CENTROID X	.017	.142	.339
CENTROID Y	.028	-.099	-.108
POA TO CENTROID in.	.033	.173	.356
MIN RADIUS	.223	.152	.159
MEAN RADIUS	1.059	.974	.873
MAX RADIUS	1.603	1.577	1.337
HORIZONTAL SPREAD	2.752	2.752	2.218
VERTICAL SPREAD	2.367	2.367	2.367
EXTREME SPREAD	2.907	2.782	2.398
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225527

CENTERFIRE PATTERNS # 5

POR



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.013

VS = 2.521

GS = 2.524

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.100	1.026	.918
MINIMUM X	-.913	-.987	-1.095
MAXIMUM Y	1.425	1.003	.886
MINIMUM Y	-1.096	-.938	-.784
CENTROID X	.045	.119	.227
CENTROID Y	-.128	-.236	-.169
POR TO CENTROID in.	.135	.310	.283
MIN RADIUS	.386	.452	.332
MEAN RADIUS	.895	.811	.729
MAX RADIUS	1.574	1.277	1.108
HORIZONTAL SPREAD	2.013	2.013	2.013
VERTICAL SPREAD	2.521	1.941	1.670
EXTREME SPREAD	2.524	2.107	2.035
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0050725G REPORT

COMMENTS

ORDER
R 97-09526

INITIAL CUSTOMER ORDER NO.

JJM 012060

WOG 18 OF 19
M-24

DATE RECEIVED

05/14/97

DATE OPENED

05/14/97

DATE CODE

BJ 1-89

SERIAL NUMBER

C6225527

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC
28307

CUST NO: 162915 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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

Barrel - 96001

COMMENTS

Repowder Coat Trigger Guard
Assy front & Rear Sight
Bases

ReZina Scope Base &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD625 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050725G 0050725G

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225527

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>5-16-97</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>5-16-97</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>7-10-97</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>2/22/97</i> <i>7/14/97</i>	<i>8-20</i> <i>LT</i>
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225527

DATE REC'D: 5-14-97

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: _____

BARBER - M24 0050728

Remington Test Lab, Ilion, N.Y.

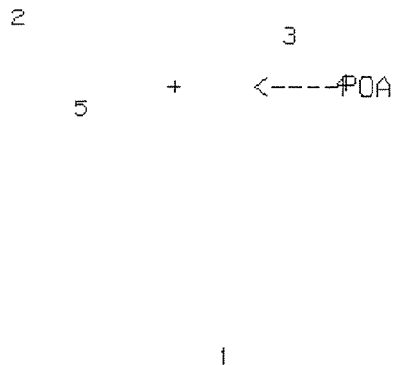
Centroidal distance calculations for Rifle # C6225527
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2278
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .254465

THE AMR FOR THIS RIFLE IS: 1.38

CENTROIDAL DISTANCES

0 TO	1	1.85634
1 TO	2	2.68548
1 TO	3	2.21101
1 TO	4	2.01004
1 TO	5	1.94271

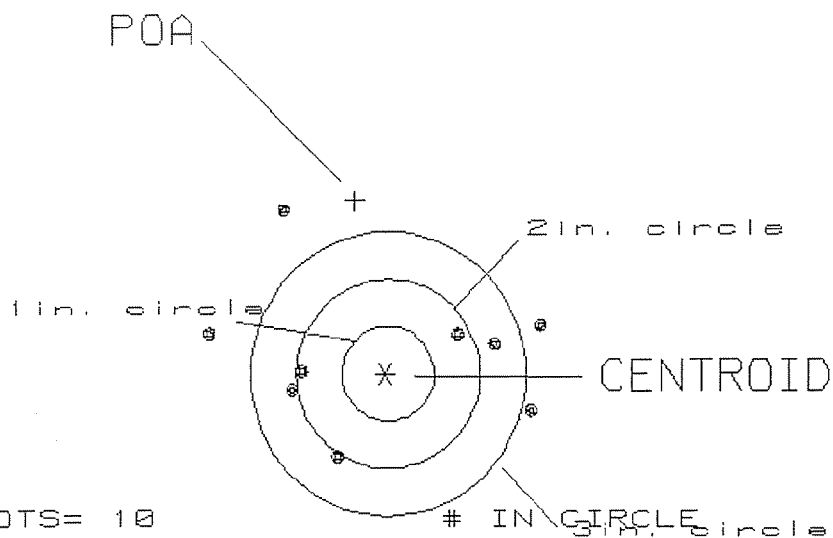


PATTERN #: 01
 POA TO CENTROID: 1.856
 MIN RADIUS : .887
 MEAN RADIUS : 1.460
 MAX RADIUS : 2.170
 CENTROID X : .345
 CENTROID Y : -1.824

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225527

CENTERFIRE PATTERN # 1



HS= 3.66
 VS= 3.89
 GS= 4.16

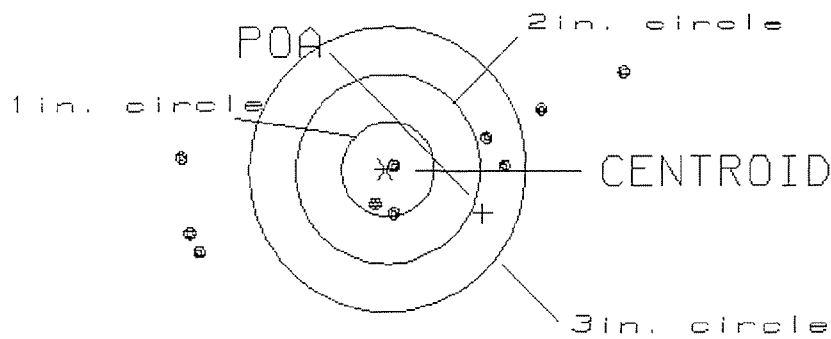
0
 3
 5

PATTERN #: 2
 POA TO CENTROID: 1.158
 MIN RADIUS : .095
 MEAN RADIUS : 1.454
 MAX RADIUS : 2.725
 CENTROID X : -1.061
 CENTROID Y : .464

15 Jul 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225527

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.79

3

VS= 1.89

3

GS= 4.97

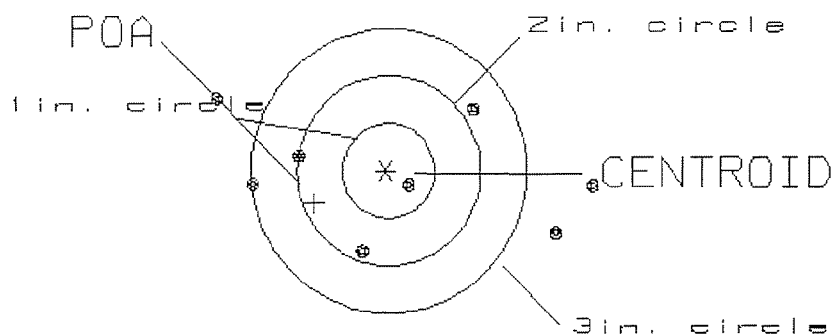
5

PATTERN #: 0-3
 POA TO CENTROID: .852
 MIN RADIUS : .293
 MEAN RADIUS : 1.722
 MAX RADIUS : 3.289
 CENTROID X : .779
 CENTROID Y : .344

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225527

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.02

1

VS= 6.00

3

GS= 6.23

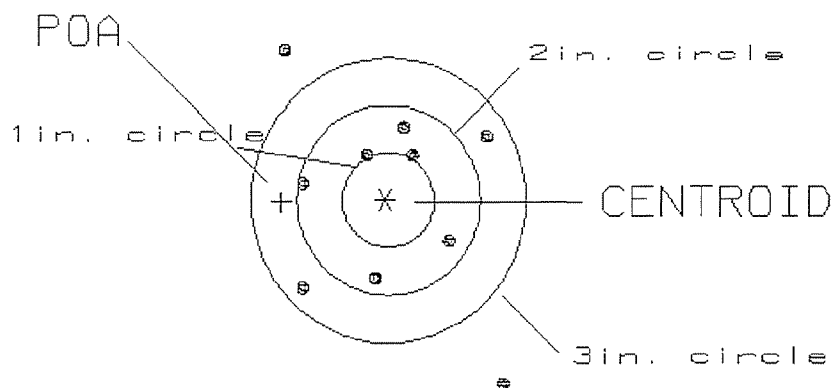
5

PATTERN #: 4
 POA TO CENTROID: 1.139
 MIN RADIUS : .547
 MEAN RADIUS : 1.132
 MAX RADIUS : 2.300
 CENTROID X : 1.138
 CENTROID Y : .023

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225527

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 3.50
 GS= 4.25

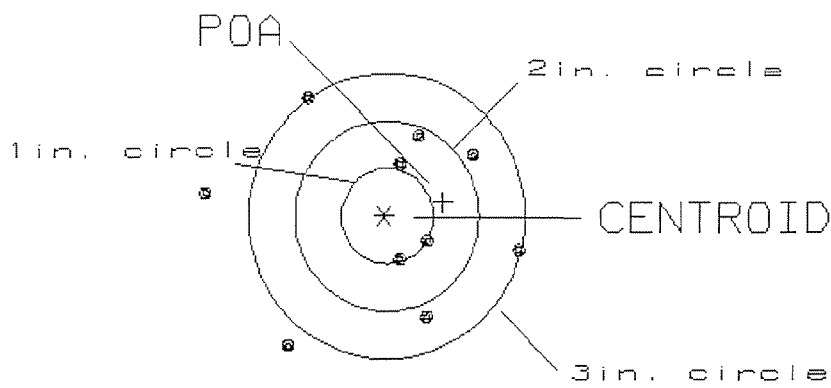
0
 6
 8

PATTERN #: 5
 POA TO CENTROID: .650
 MIN RADIUS : .443
 MEAN RADIUS : 1.130
 MAX RADIUS : 1.944
 CENTROID X : -.634
 CENTROID Y : -.146

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225527

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.33

1

VS= 2.59

4

GS= 3.38

7

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225527
22 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.201
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .201382

THE AMR FOR THIS RIFLE IS: .9632

CENTROIDAL DISTANCES

0 TO	1	.410473
1 TO	2	.084119
1 TO	3	.612007
1 TO	4	.340847
1 TO	5	.626084

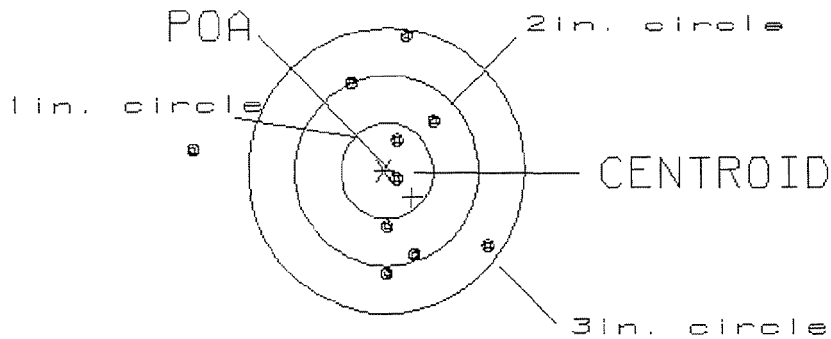
12
4+ <----POA
3 5

PATTERN #: 010
 POA TO CENTROID: .410
 MIN RADIUS : .158
 MEAN RADIUS : .957
 MAX RADIUS : 2.092
 CENTROID X : -.302
 CENTROID Y : .278

22 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225527.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.15

2

VS= 2.47

5

GS= 3.32

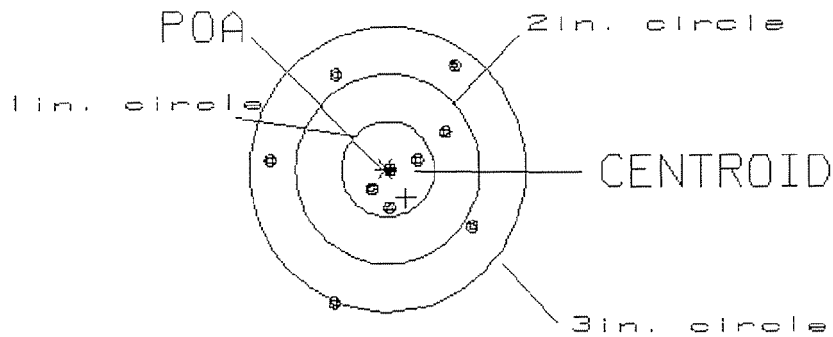
9

PATTERN #: 2
 POA TO CENTROID: .376
 MIN RADIUS : .070
 MEAN RADIUS : .819
 MAX RADIUS : 1.556
 CENTROID X : -.222
 CENTROID Y : .304

22 Jul 1997

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CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.27

4

VS= 2.49

5

GS= 2.80

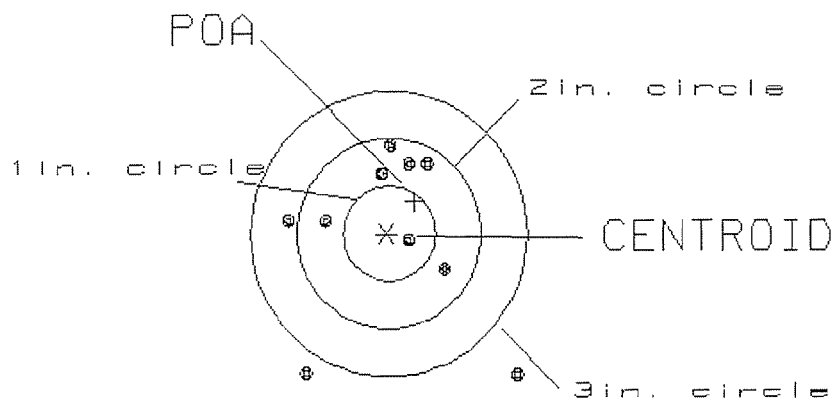
9

PATTERN #: 3
 POA TO CENTROID: .452
 MIN RADIUS : .207
 MEAN RADIUS : .979
 MAX RADIUS : 2.024
 CENTROID X : -.305
 CENTROID Y : -.334

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.57
 VS= 2.43
 GS= 3.01

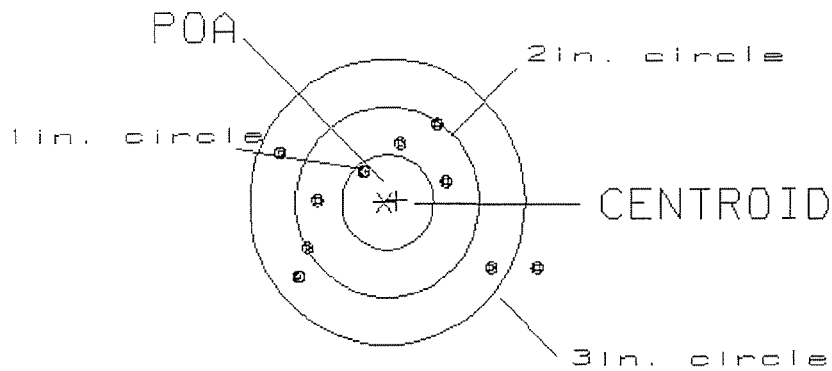
1
 7
 8

PATTERN #: 4
 POA TO CENTROID: .135
 MIN RADIUS : .465
 MEAN RADIUS : 1.032
 MAX RADIUS : 1.812
 CENTROID X : -.133
 CENTROID Y : -.018

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.87

1

VS= 1.64

6

GS= 3.11

9

BARBER - M24 0050739

REMINGTON CENTERFIRE ACCURACY TEST

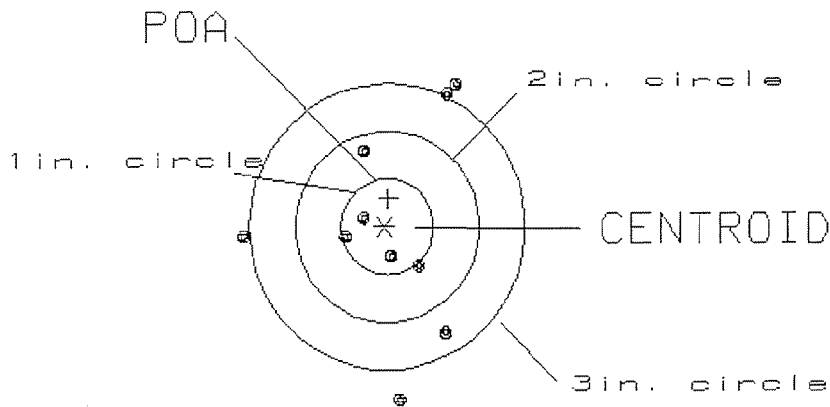
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 151
 POA TO CENTROID: .295
 MIN RADIUS : .324
 MEAN RADIUS : 1.029
 MAX RADIUS : 1.776
 CENTROID X : -.043
 CENTROID Y : -.292

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CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.31
 VS= 3.30
 GS= 3.35

3
 5
 6