

CE225601

MODEL 700™ M24

Model **SWS**™

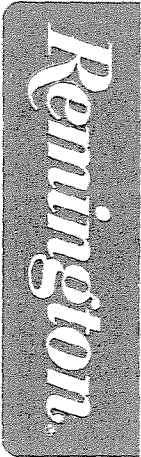
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Call
571-222-6000

Arms Service Repair & Service System
BARBER - M24 0052200

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00120768** Serial: **C6225601** Model: **M24 SWS** Center Fire
 Verity Repair: ☐ Caliber: **7.62 NATO** Repairman:
 Status: **New 11/27/2005 1:04:21 PM**

Address Information

Customer	Received From	Return To	Received From
Name: SFC LIRCHNER		Name: SFC LIRCHNER	
Address 1: HSC 1/7 SFG (A)		Address 1: HSC 1/7 SFG (A)	
Address 2: BLDG E-3622 JUST CAUSE DR PO Box:		Address 2: BLDG E-3622 JUST CAUSE DR PO Box:	
City: FORT BRAGG		City: FORT BRAGG	
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US	
FFL:			

Contact / Condition	Problem:	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>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> <tr> <td>D000</td> <td>MARS RAIL</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A045	Bi Pod	1	A057	Fit and Rear Sgt Base	1	D000	MARS RAIL	1
Code	Desc	Qty																				
A007	With Stud	3																				
A010	Hard Case	1																				
A045	Bi Pod	1																				
A057	Fit and Rear Sgt Base	1																				
D000	MARS RAIL	1																				

Repair Search | Refresh | Close

11/27/2006 1:31 PM

Serial Number: **C6225601**

Model: **M24 SWS**



RE00120768

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

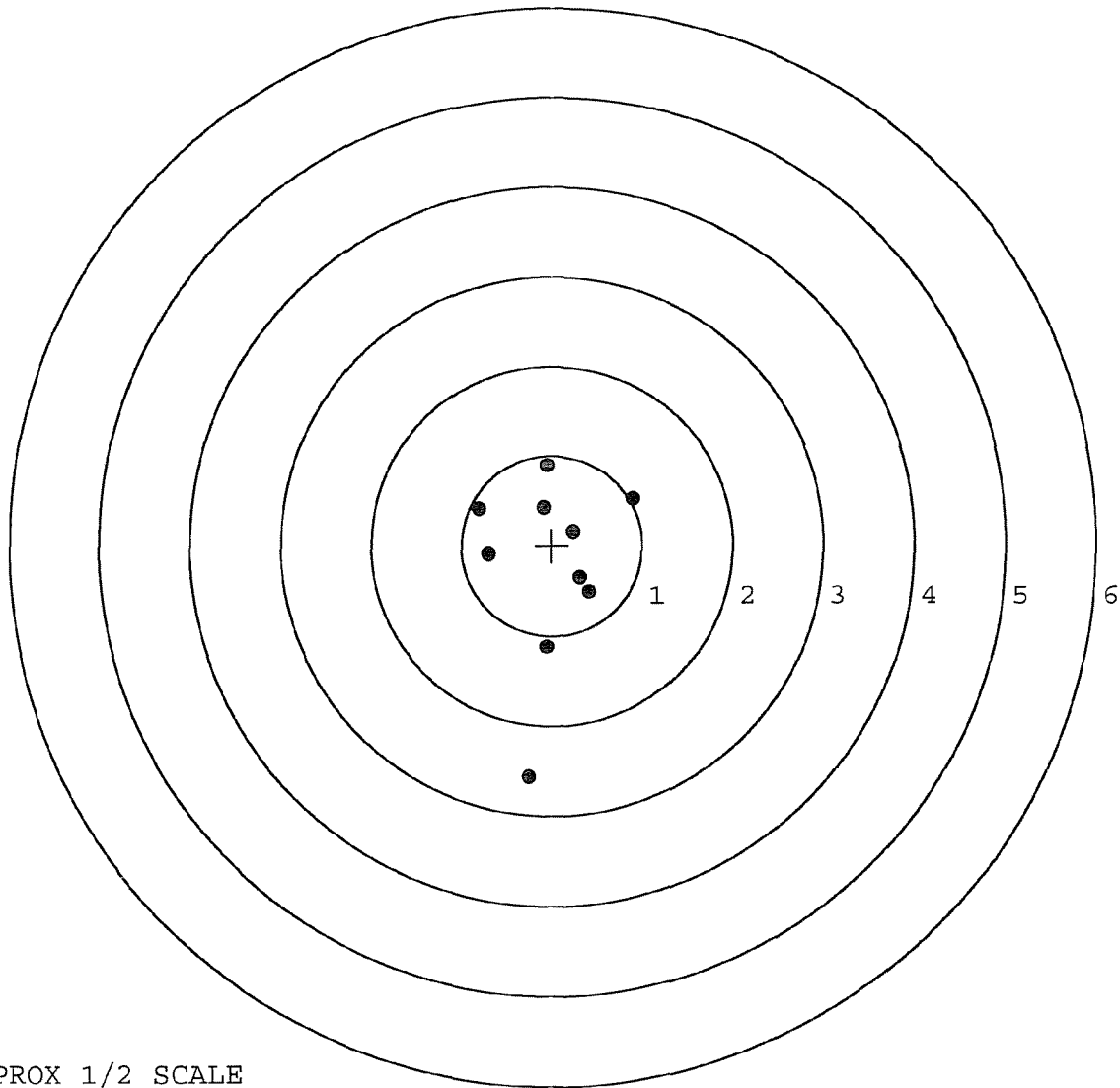
FIREARM SERIAL NUMBER / DATASET NAME: C6225601.___0
FILE DATE AND TIME: 12/12/2006 06:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.002
The Average Y Centroid of the Five Target Set:	0.011
The Average Point of Impact of the Five Target Set:	0.011
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.226
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.328
The Distance from Centroid Target #4 to Centroid Target #1:	0.285
The Distance from Centroid Target #5 to Centroid Target #1:	0.349

BARBER - M24 0052202

SERIAL NUMBER: C6225601. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.252	-2.574
FILE DATE: 12/12/2006	2:	-0.055	-1.127
FILE TIME: 06:17	3:	0.415	-0.512
	4:	0.900	0.522
X CENTROID: -0.008	5:	0.237	0.166
Y CENTROID: -0.225	6:	-0.091	0.422
POA TO CENTROID: 0.226	7:	-0.048	0.888
HORZ SPREAD: 1.711	8:	-0.811	0.411
VERT SPREAD: 3.462	9:	-0.699	-0.100
GROUP SPREAD: 3.468	10:	0.320	-0.350
MIN RADIUS: 0.351			
MAX RADIUS: 2.361			
MEAN RADIUS: 0.926			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



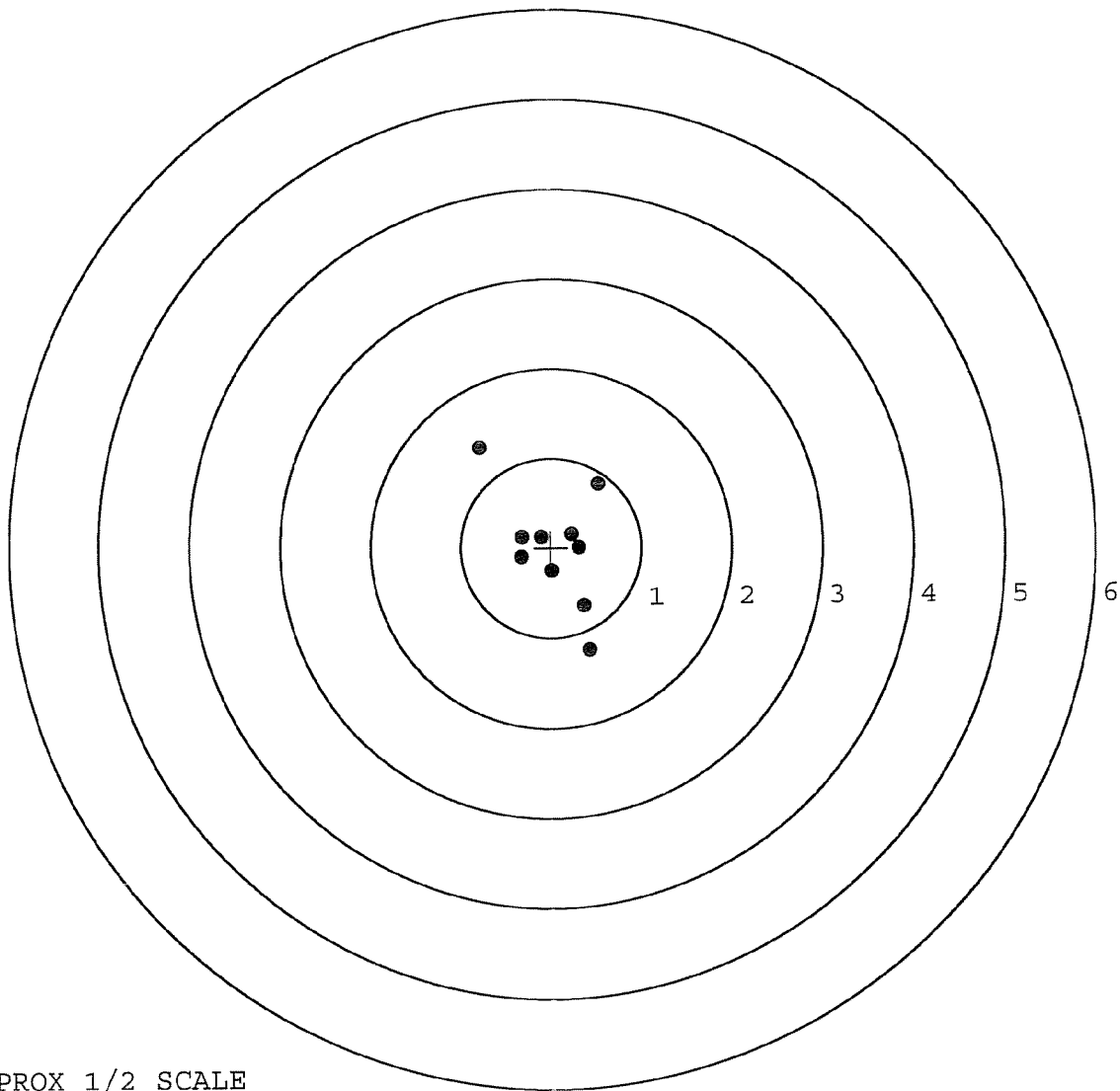
TARGET APPROX 1/2 SCALE

BARBER - M24 0052203

SERIAL NUMBER: C6225601. __0
 TARGET NUMBER: 2
 FILE DATE: 12/12/2006
 FILE TIME: 06:17

POINT#	X	Y
1:	0.423	-1.138
2:	0.363	-0.650
3:	0.010	-0.265
4:	0.307	0.004
5:	0.227	0.152
6:	0.525	0.713
7:	-0.793	1.116
8:	-0.331	-0.109
9:	-0.108	0.118
10:	-0.324	0.118

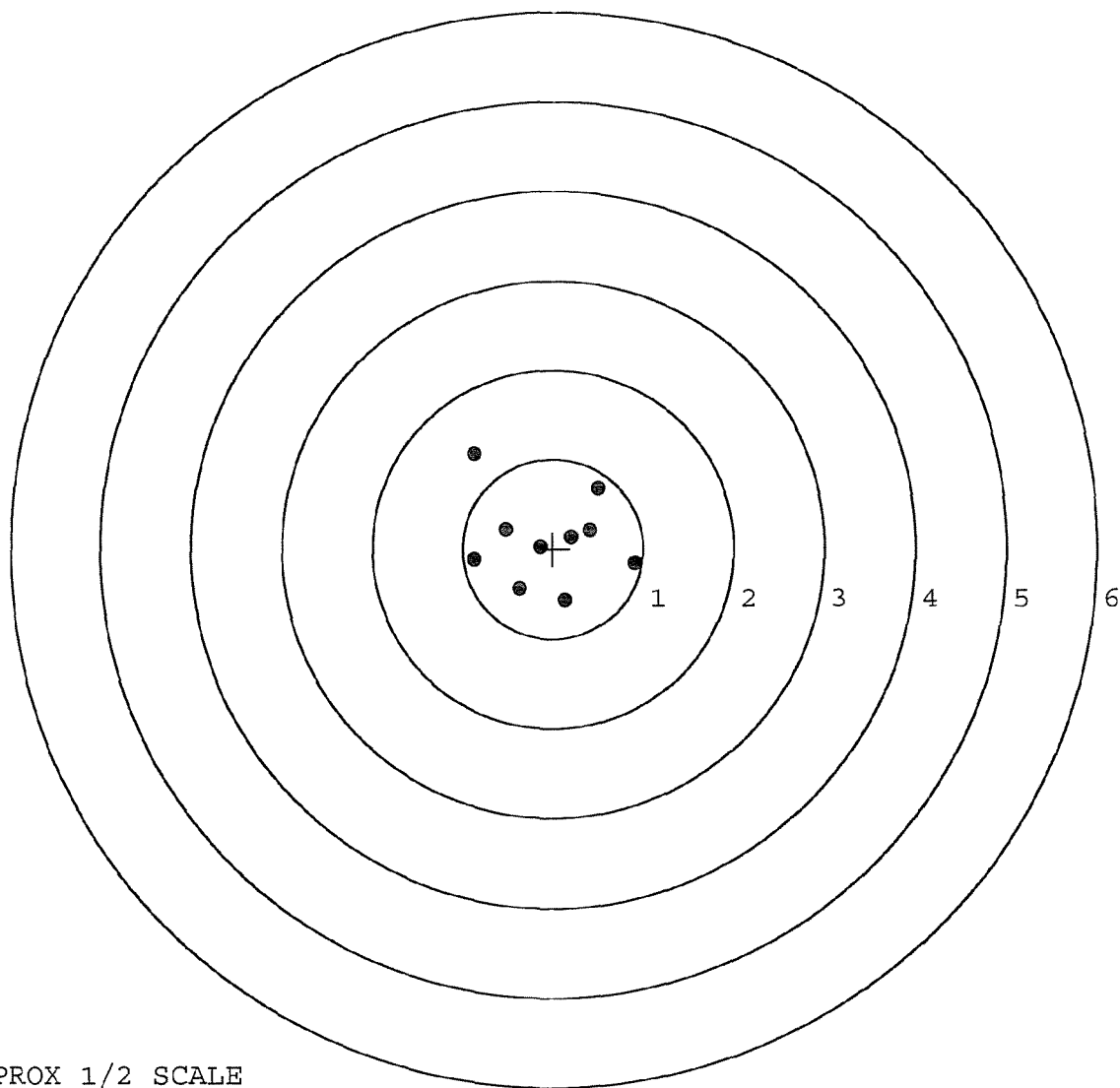
X CENTROID: 0.030
 Y CENTROID: 0.006
 POA TO CENTROID: 0.030
 HORZ SPREAD: 1.318
 VERT SPREAD: 2.254
 GROUP SPREAD: 2.561
 MIN RADIUS: 0.178
 MAX RADIUS: 1.382
 MEAN RADIUS: 0.591
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0052204

SERIAL NUMBER: C6225601. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.876	1.056
FILE DATE: 12/12/2006	2:	0.496	0.672
FILE TIME: 06:17	3:	0.910	-0.162
	4:	0.412	0.200
X CENTROID: -0.062	5:	0.202	0.130
Y CENTROID: 0.099	6:	0.136	-0.579
POA TO CENTROID: 0.117	7:	-0.368	-0.447
HORZ SPREAD: 1.786	8:	-0.146	0.025
VERT SPREAD: 1.635	9:	-0.521	0.213
GROUP SPREAD: 2.162	10:	-0.867	-0.122
MIN RADIUS: 0.112			
MAX RADIUS: 1.257			
MEAN RADIUS: 0.656			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



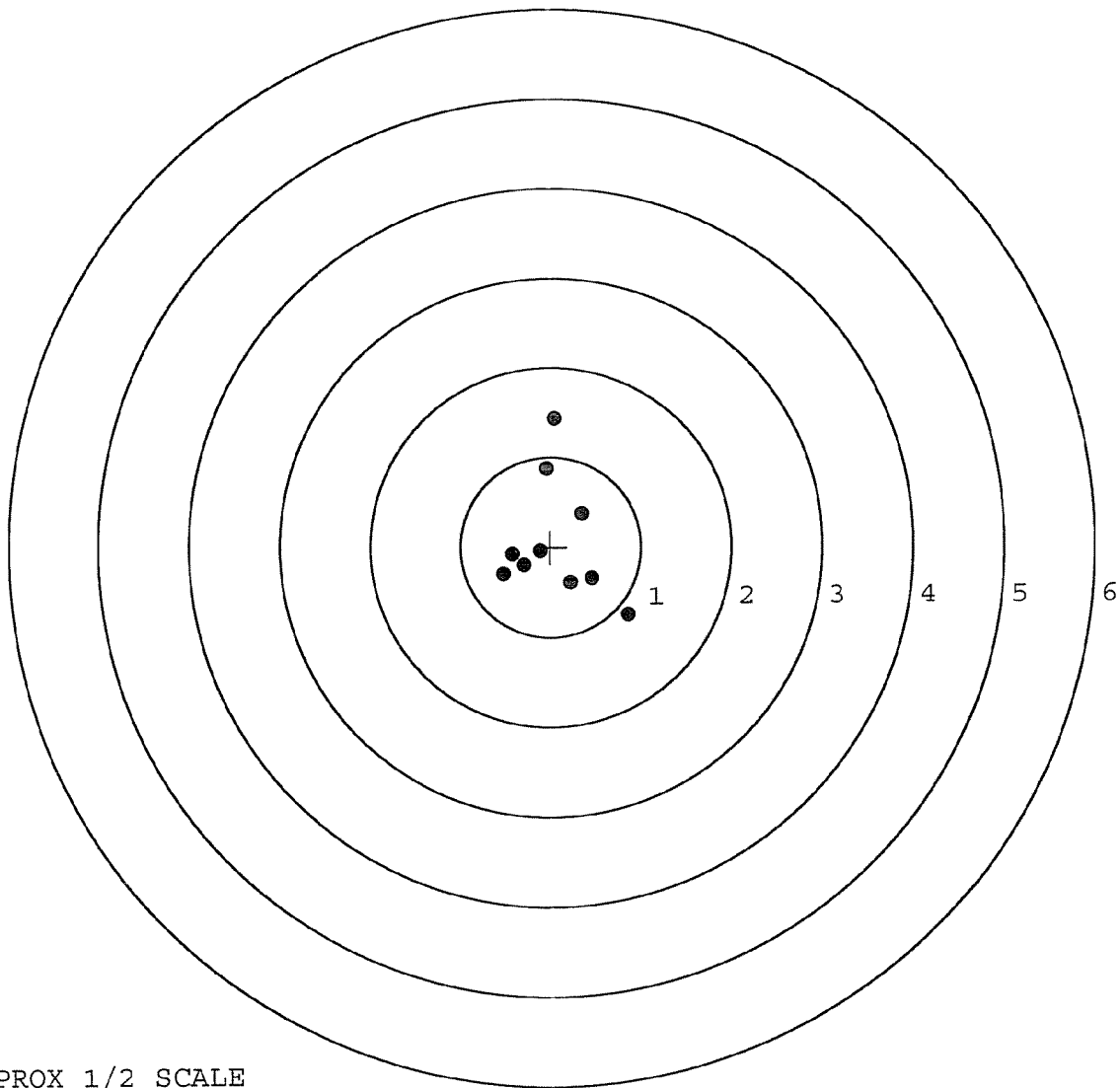
TARGET APPROX 1/2 SCALE

BARBER - M24 0052205

SERIAL NUMBER: C6225601. __0
TARGET NUMBER: 4
FILE DATE: 12/12/2006
FILE TIME: 06:17

POINT#	X	Y
1:	0.051	1.433
2:	-0.043	0.873
3:	0.352	0.370
4:	0.856	-0.756
5:	0.456	-0.353
6:	0.224	-0.399
7:	-0.119	-0.048
8:	-0.422	-0.084
9:	-0.525	-0.304
10:	-0.297	-0.203

X CENTROID: 0.053
Y CENTROID: 0.053
POA TO CENTROID: 0.075
HORZ SPREAD: 1.381
VERT SPREAD: 2.189
GROUP SPREAD: 2.332
MIN RADIUS: 0.200
MAX RADIUS: 1.380
MEAN RADIUS: 0.664
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



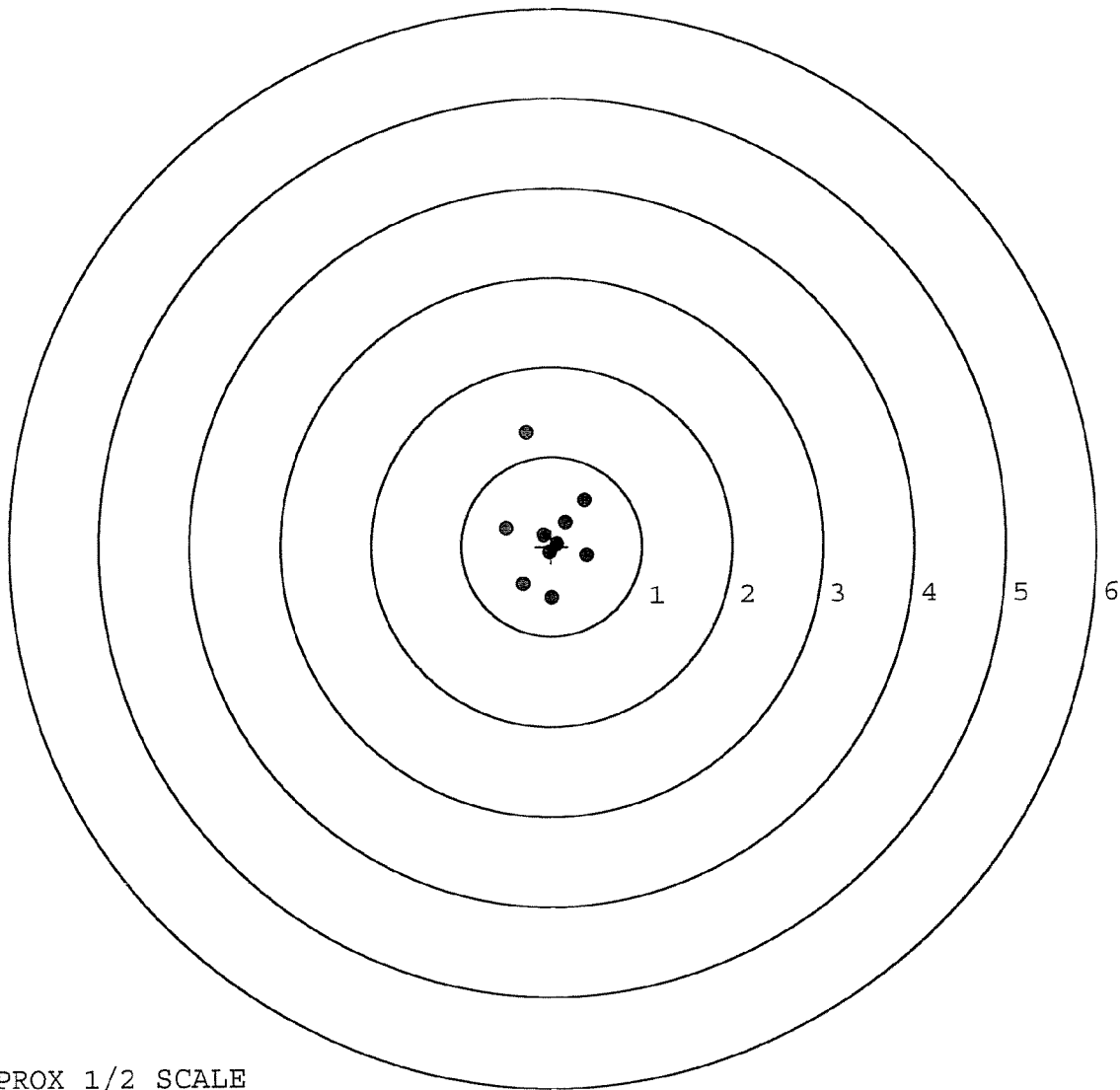
TARGET APPROX 1/2 SCALE

BARBER - M24 0052206

SERIAL NUMBER: C6225601. __0
 TARGET NUMBER: 5
 FILE DATE: 12/12/2006
 FILE TIME: 06:17

POINT#	X	Y
1:	-0.274	1.267
2:	0.002	-0.577
3:	-0.318	-0.424
4:	0.393	-0.104
5:	0.370	0.515
6:	0.155	0.268
7:	-0.091	0.127
8:	0.064	0.028
9:	-0.505	0.205
10:	-0.023	-0.070

X CENTROID: -0.023
 Y CENTROID: 0.124
 POA TO CENTROID: 0.126
 HORZ SPREAD: 0.898
 VERT SPREAD: 1.844
 GROUP SPREAD: 1.865
 MIN RADIUS: 0.068
 MAX RADIUS: 1.171
 MEAN RADIUS: 0.463
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

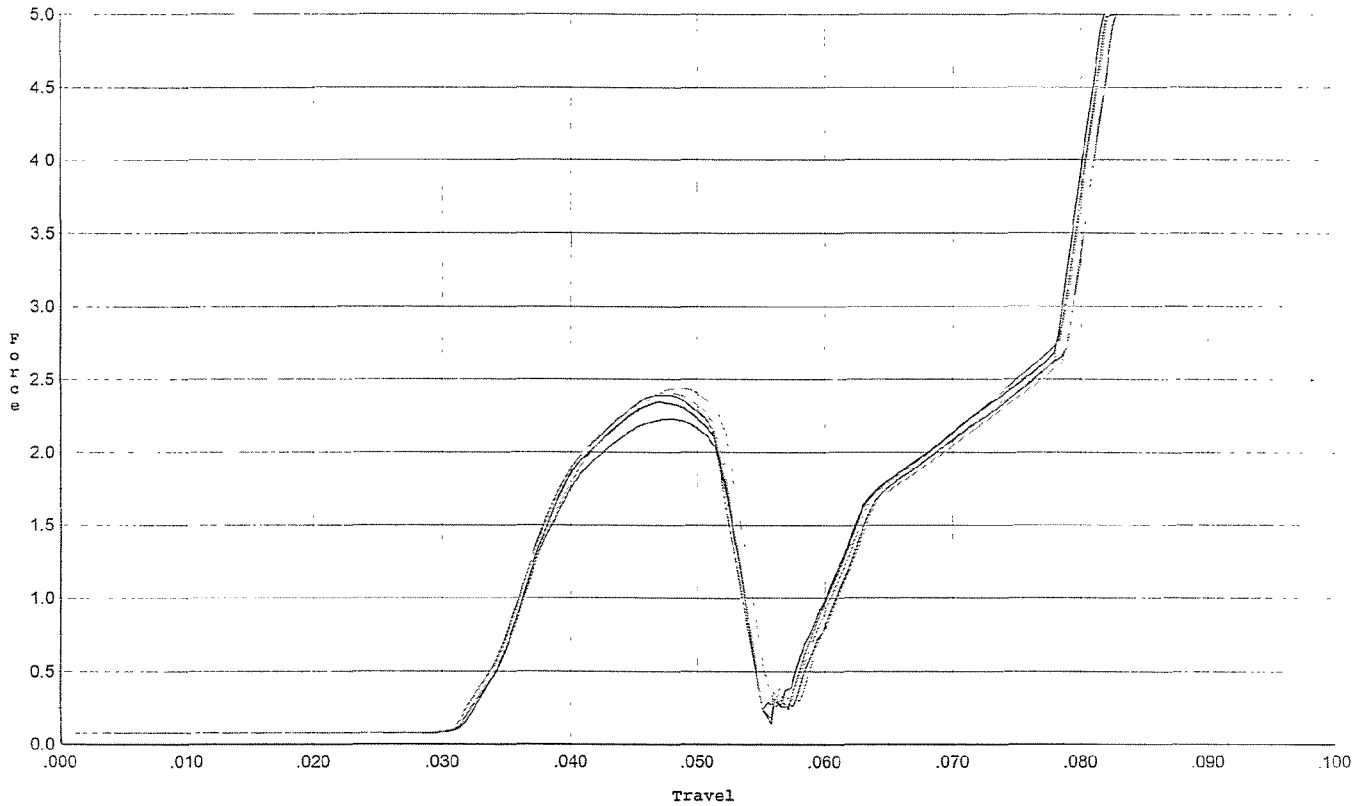


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



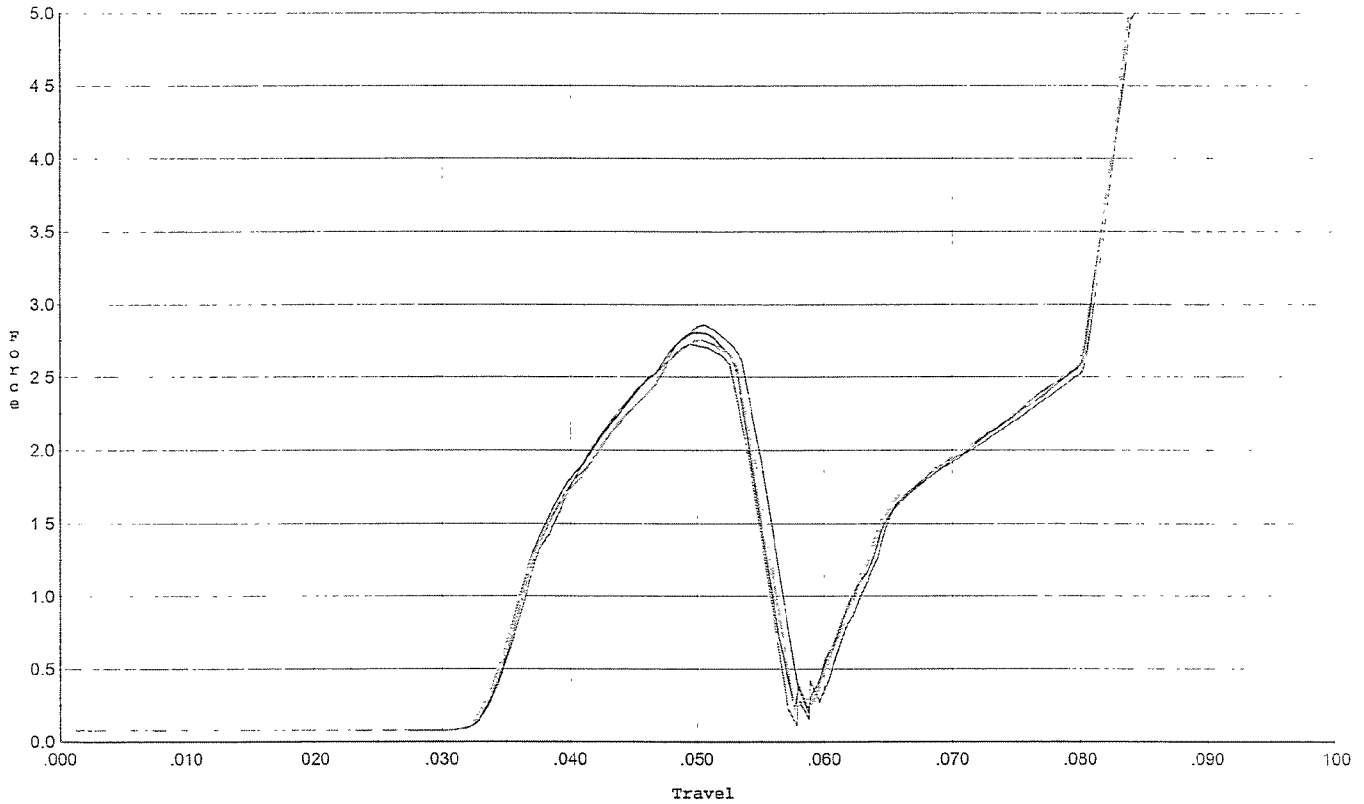
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.228	0.053	0.032	0.037	0.037		Set Trigger
2	2.345	0.052	0.032	0.036	0.038		Set Trigger
3	2.385	0.051	0.032	0.037	0.038		Set Trigger
4	2.407	0.052	0.032	0.036	0.039		Set Trigger
5	2.439	0.052	0.032	0.036	0.039		Set Trigger

Avg 2.36

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



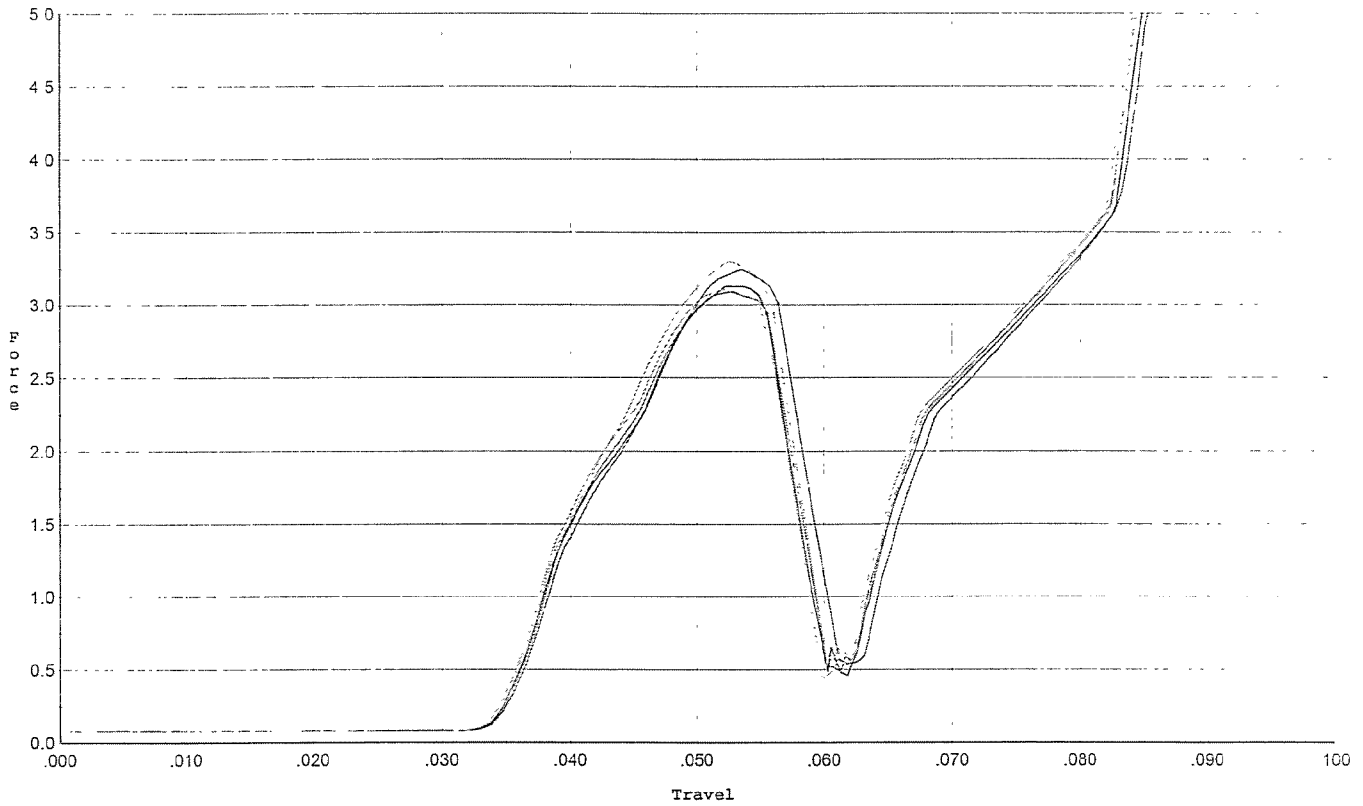
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.861	0.055	0.033	0.035	0.047		Set Trigger
2	2.807	0.053	0.033	0.036	0.045		Set Trigger
3	2.725	0.054	0.033	0.036	0.044		Set Trigger
4	2.755	0.053	0.033	0.036	0.044		Set Trigger
5	2.760	0.055	0.033	0.036	0.045		Set Trigger

Avg 2.78

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



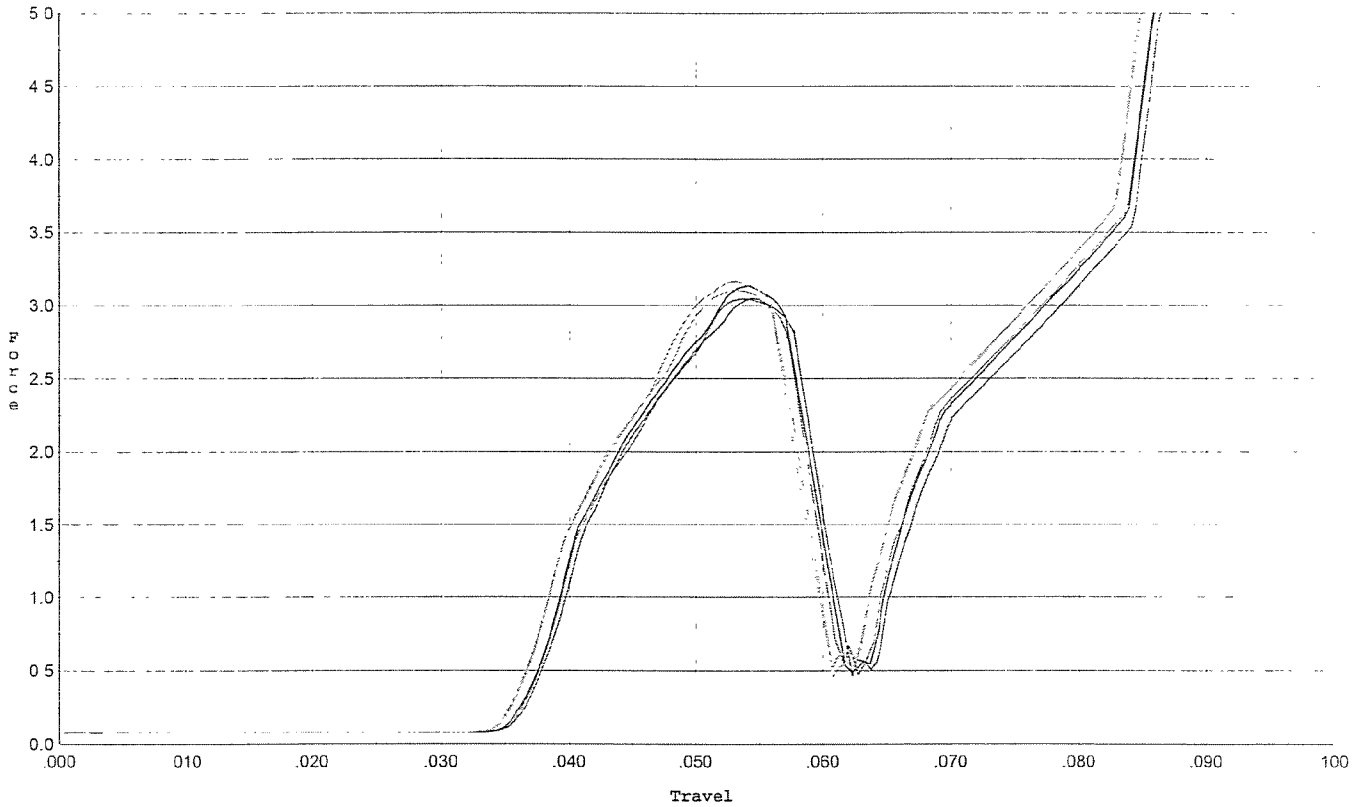
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.245	0.056	0.035	0.035	0.053		Set Trigger
2	3.128	0.056	0.035	0.035	0.050		Set Trigger
3	3.092	0.058	0.035	0.034	0.052		Set Trigger
4	3.105	0.056	0.035	0.034	0.052		Set Trigger
5	3.299	0.056	0.035	0.034	0.054		Set Trigger

Aug 3.17

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



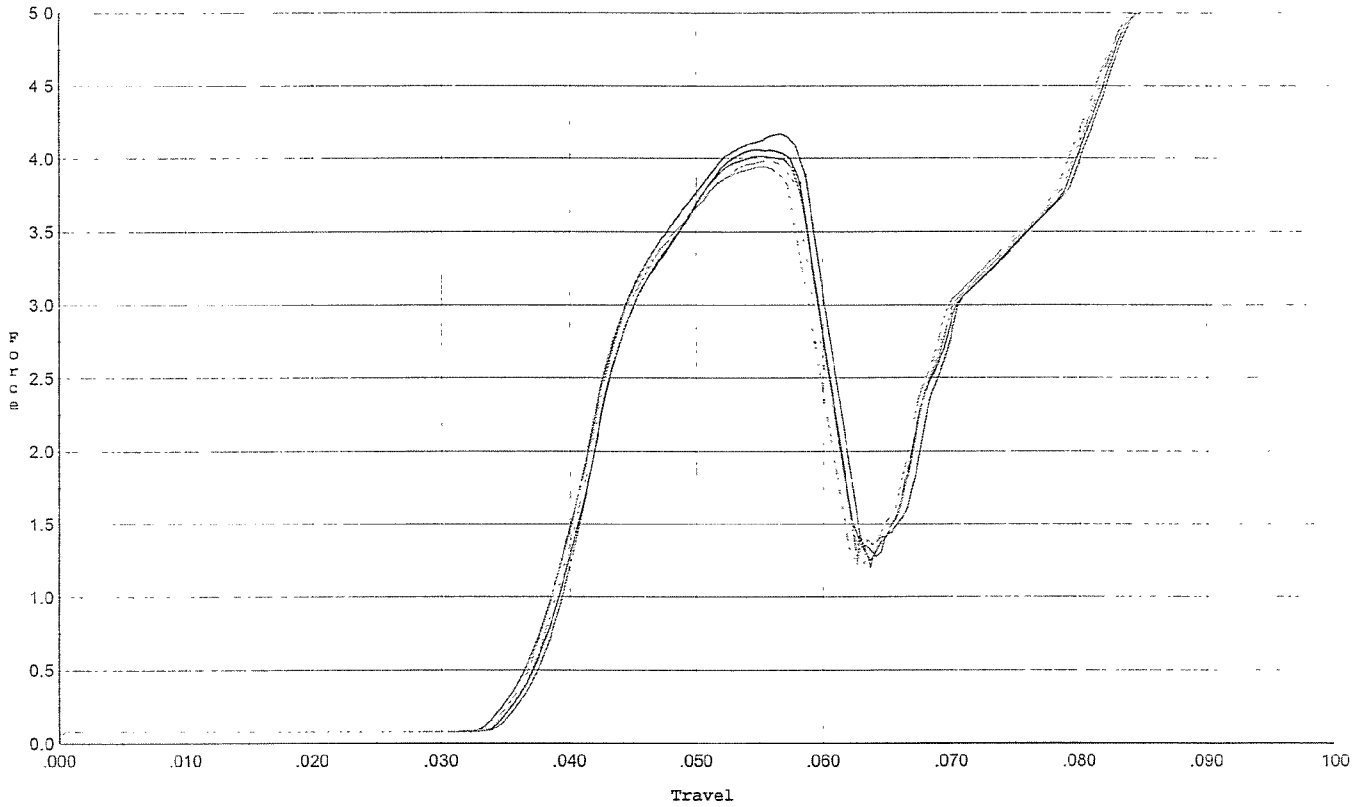
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.048	0.058	0.037	0.035	0.051		Set Trigger
2	3.135	0.059	0.036	0.034	0.054		Set Trigger
3	3.045	0.057	0.036	0.035	0.050		Set Trigger
4	3.105	0.056	0.035	0.035	0.051		Set Trigger
5	3.169	0.058	0.036	0.034	0.053		Set Trigger

AVG 3.10

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



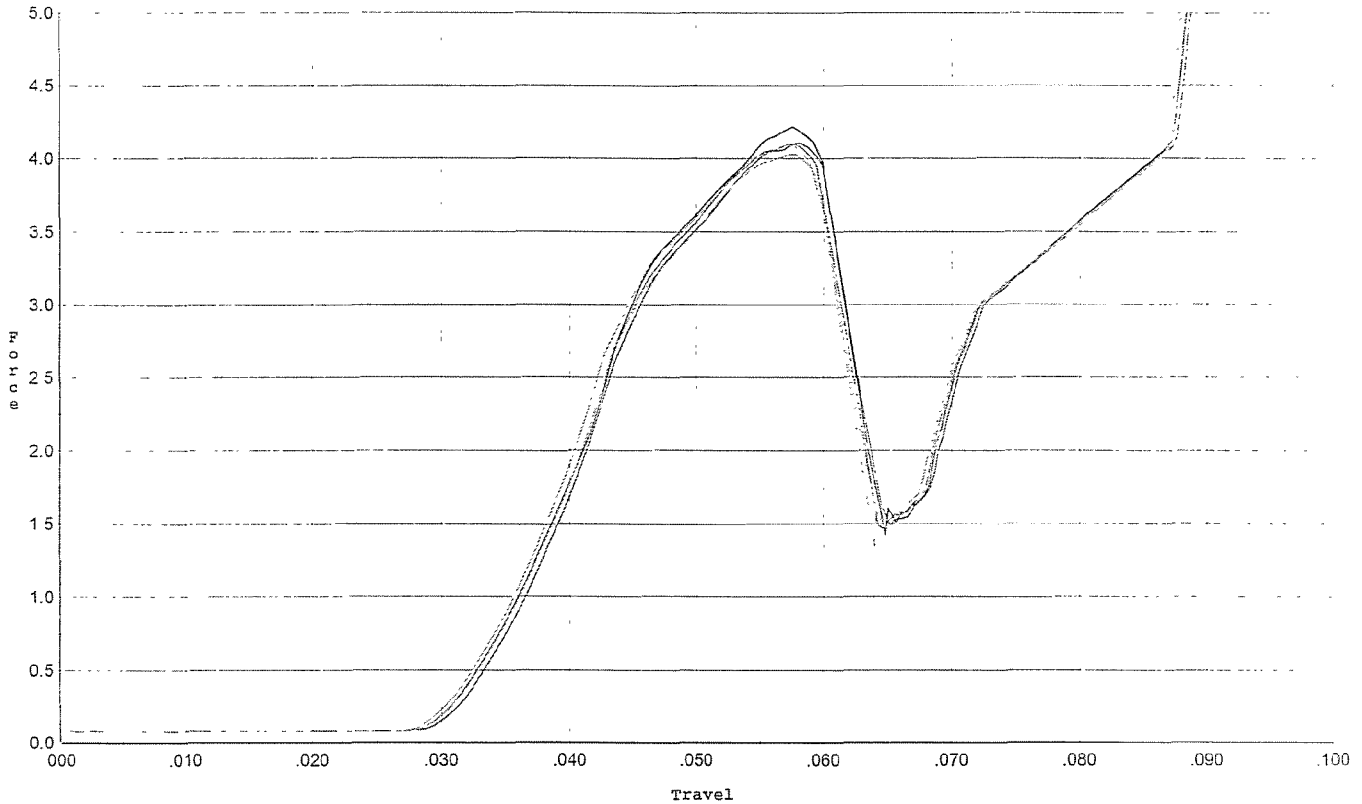
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.167	0.059	0.036	0.032	0.076		Set Trigger
2	4.061	0.058	0.036	0.032	0.071		Set Trigger
3	4.013	0.058	0.037	0.032	0.071		Set Trigger
4	3.981	0.058	0.036	0.032	0.070		Set Trigger
5	3.944	0.059	0.036	0.032	0.072		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



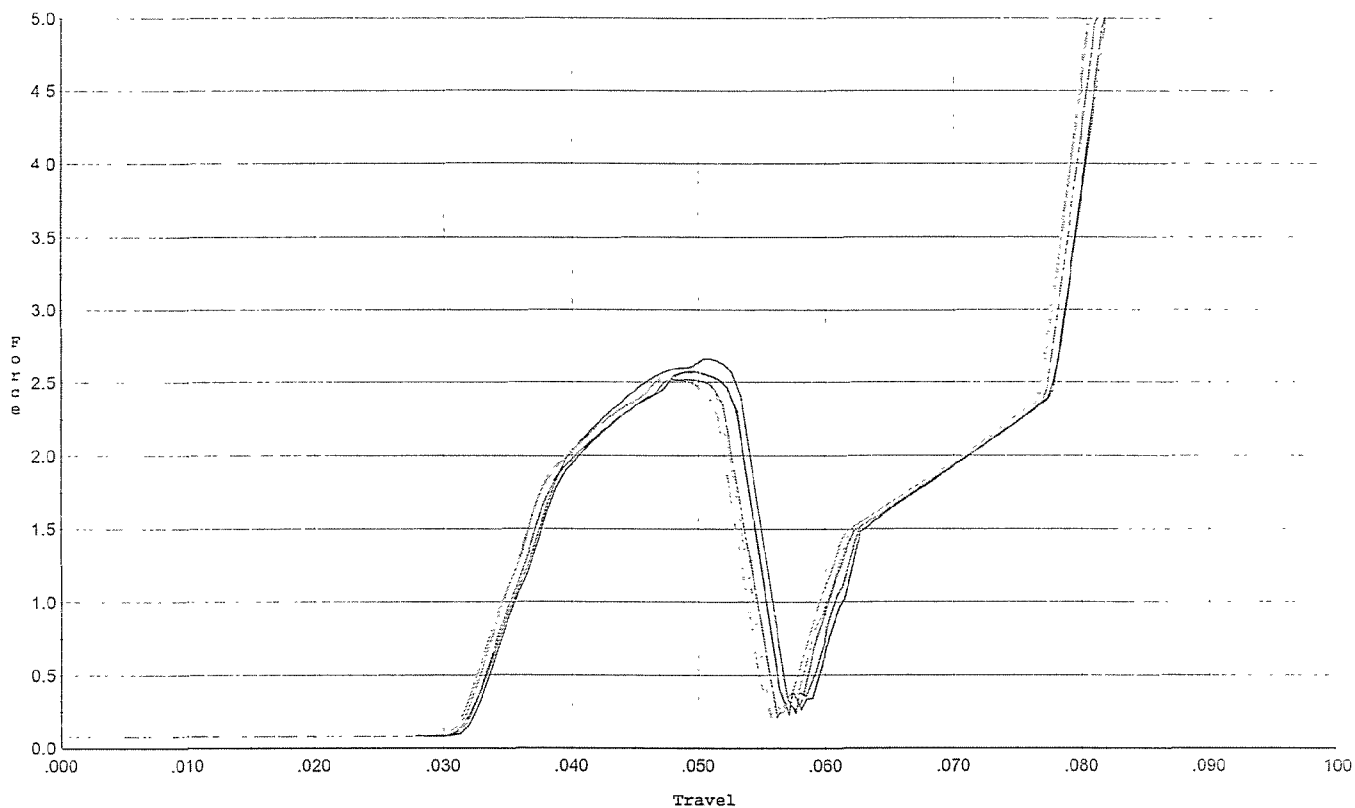
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.103	0.060	0.033	0.032	0.082		Set Trigger
2	4.215	0.060	0.032	0.032	0.084		Set Trigger
3	4.099	0.062	0.032	0.032	0.085		Set Trigger
4	4.028	0.060	0.032	0.033	0.081		Set Trigger
5	4.091	0.060	0.032	0.032	0.084		Set Trigger

Avg 4.10

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



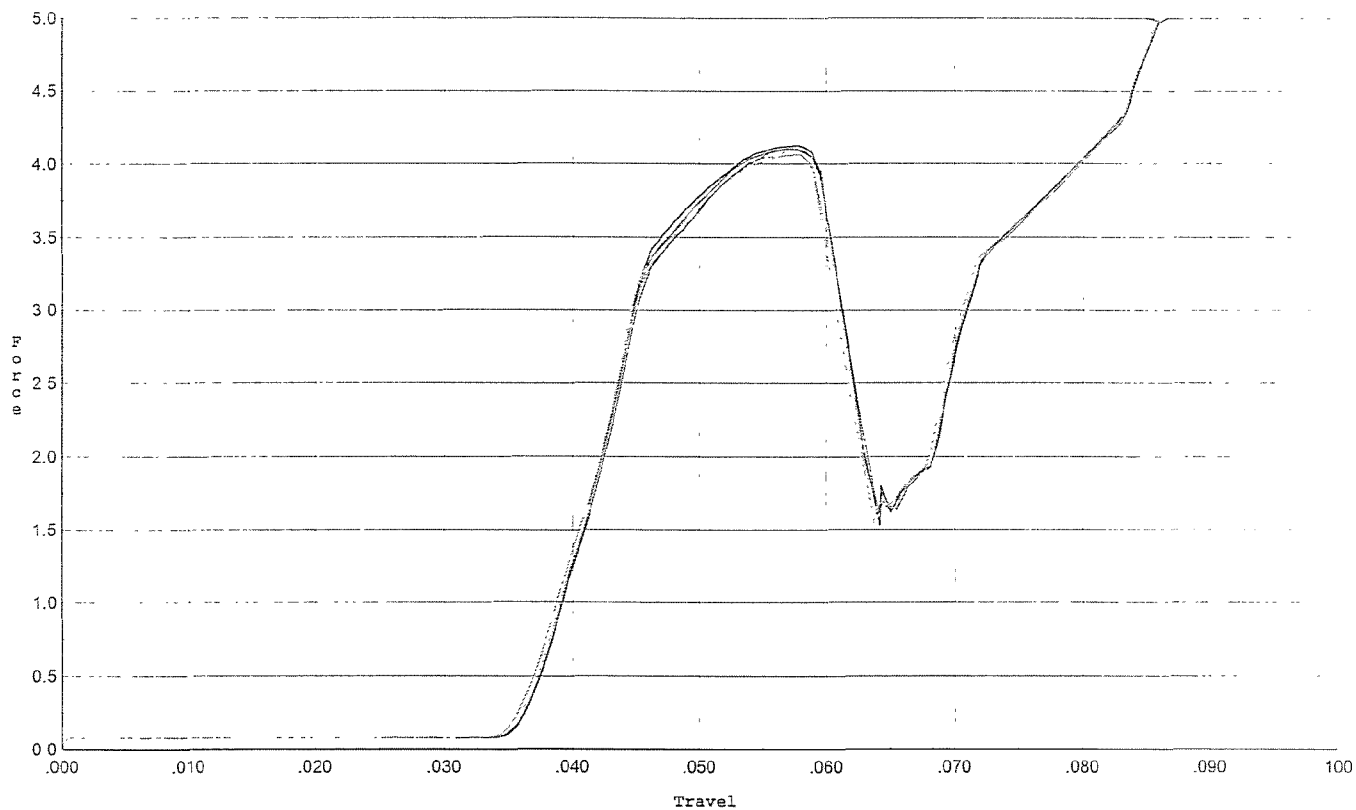
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.661	0.053	0.032	0.034	0.046		Set Trigger
2	2.574	0.053	0.032	0.034	0.044		Set Trigger
3	2.521	0.054	0.032	0.034	0.044		Set Trigger
4	2.569	0.052	0.032	0.034	0.044		Set Trigger
5	2.520	0.052	0.032	0.035	0.042		Set Trigger

AVG 2.56

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

Model: M/24
 Serial No: Form #F005
 Trigger: set 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	0.060	0.036	0.031	0.076		Set Trigger
2	4.124	0.059	0.036	0.031	0.077		Set Trigger
3	4.098	0.060	0.036	0.031	0.077		Set Trigger
4	4.062	0.060	0.036	0.031	0.077		Set Trigger
5	4.082	0.059	0.036	0.032	0.075		Set Trigger

Avg 4.09

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	120768		
SERIAL NUMBER	C6225601		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	12-4-06	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLC
480	MAGNAFLUX	12-3-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12-5-06	AG
530 & 540	APPLY COATINGS	12-7-06	FB
560	FINAL ASSEMBLY	12-11-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 12/11/06	NRH
650	TARGET	PASS FAIL 12/11/06	NRH
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL 12-16-06	BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.56 2.85 2.06 2.40 2.32	BLC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6.5 7.5 6.5 12-14-06	RTZ
	G) SAFETY OFF FORCE	2 LBS 3.0 3.0 3.0 12-14-06	RTZ
	I) FIRING PIN INDENT	.020 0.23 0.23 0.23 12-14-06	RTZ
690	PACK	12-19-06	RA

F006 REV 5/2006

BARREL ASSEMBLY	STOCK ASSEMBLY
_____ BARREL	_____ STOCK
_____ RECEIVER	_____ SLING SWIVEL STUDS
_____ FRONT SIGHT BASE	_____
_____ REAR SIGHT BASE	_____ BUTT PATE
_____ SCREWS	_____ LOCK NUTS
_____ FINISH	_____ BARREL CLEARANCE
	_____ COLOR / FINISH
SCOPE ASSEMBLY	SYSTEM CASE
_____ SCOPE	_____ SCOPE CASE
_____ SCOPE RINGS	_____ IRON SIGHTS
_____ MOUNTING SCREWS	_____ DEPLOYMENT KIT
_____ MOUNTING BASE	
_____ SCREWS	
_____ FINISH	
_____ CLARITY	
COMMENTS: _____	

F006 REV 5/2006

Serial Number: C622560 1

Model: M24 SWS



RE00078720

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225601.___0

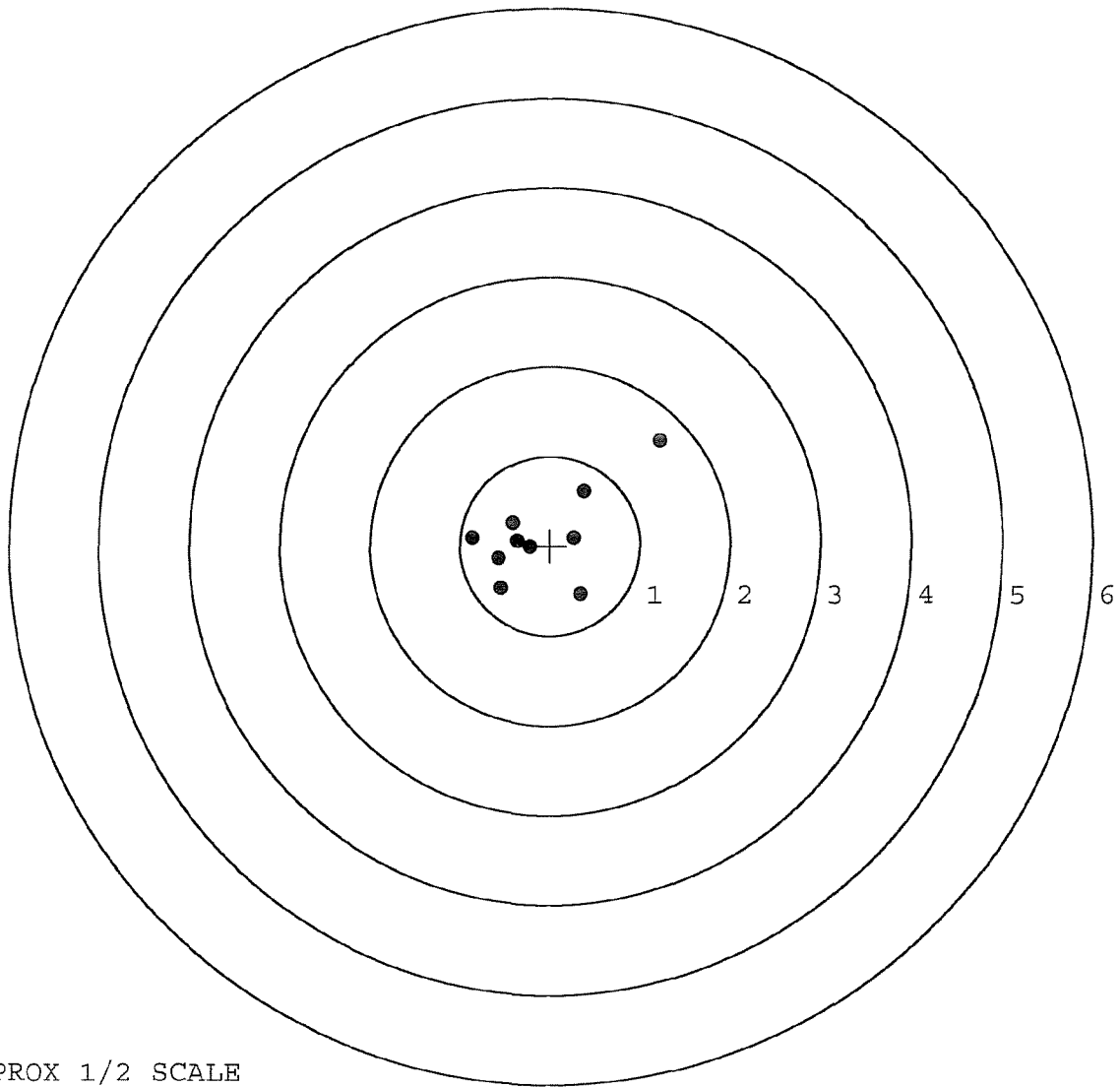
FILE DATE AND TIME: 04/08/2004 06:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.068
The Average Mean Radius of the Five Target Set:	0.642
The Distance from POA to Centroid Target #1:	0.133
The Distance from Centroid Target #2 to Centroid Target #1:	0.094
The Distance from Centroid Target #3 to Centroid Target #1:	0.345
The Distance from Centroid Target #4 to Centroid Target #1:	0.345
The Distance from Centroid Target #5 to Centroid Target #1:	0.087

BARBER - M24 0052219

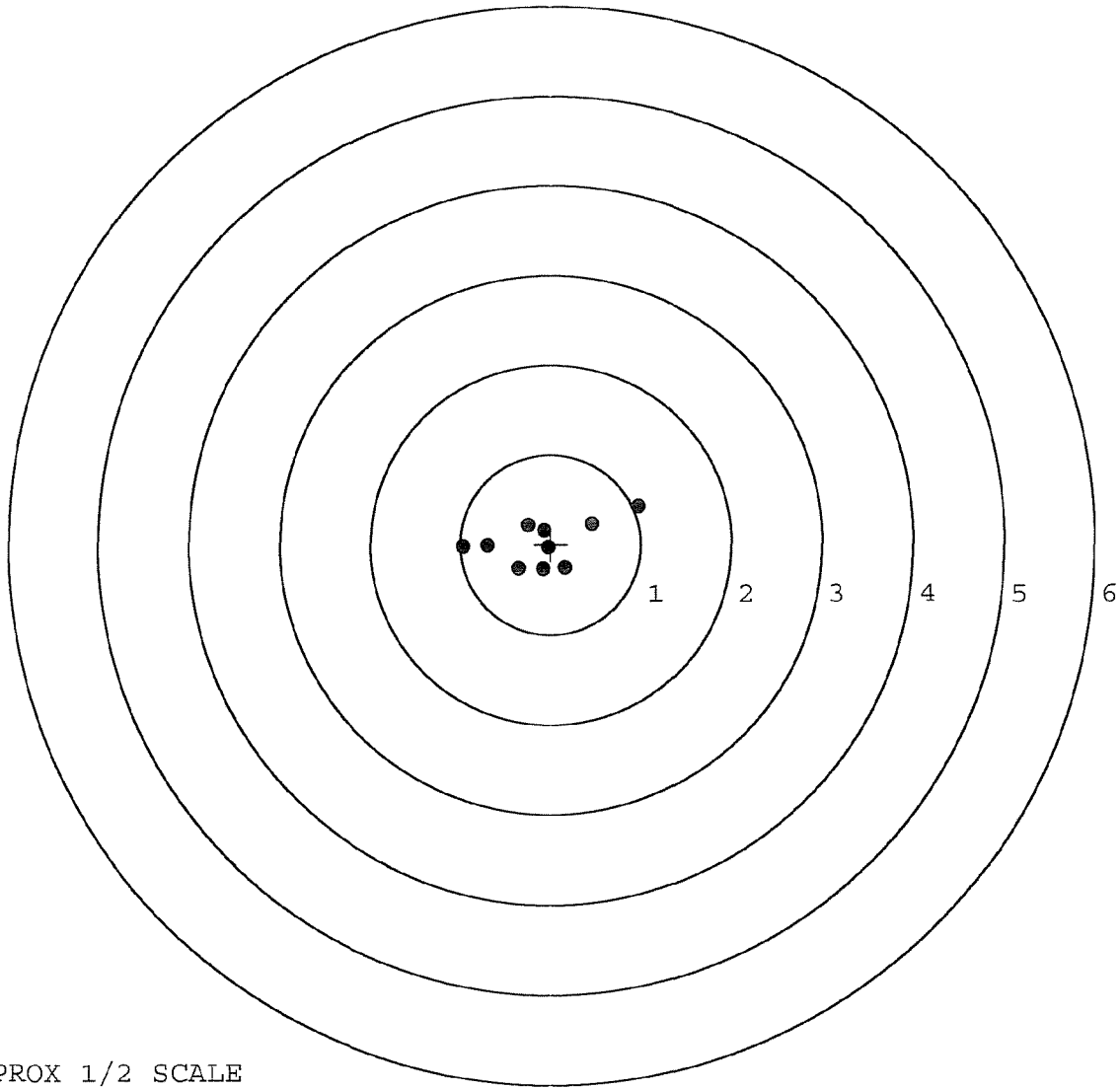
SERIAL NUMBER: C6225601.____0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.341	-0.546
FILE DATE: 04/08/2004	2:	0.265	0.089
FILE TIME: 06:10	3:	0.379	0.608
	4:	1.216	1.169
X CENTROID: -0.080	5:	-0.871	0.082
Y CENTROID: 0.107	6:	-0.418	0.255
POA TO CENTROID: 0.133	7:	-0.227	-0.015
HORZ SPREAD: 2.087	8:	-0.544	-0.486
VERT SPREAD: 1.715	9:	-0.570	-0.147
GROUP SPREAD: 2.416	10:	-0.367	0.057
MIN RADIUS: 0.191			
MAX RADIUS: 1.675			
MEAN RADIUS: 0.643			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0052220

SERIAL NUMBER: C6225601. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.974	0.420
FILE DATE: 04/08/2004	2:	0.455	0.229
FILE TIME: 06:10	3:	-0.971	-0.033
	4:	-0.698	-0.015
X CENTROID: -0.088	5:	-0.254	0.219
Y CENTROID: 0.013	6:	-0.075	0.158
POA TO CENTROID: 0.088	7:	-0.354	-0.269
HORZ SPREAD: 1.945	8:	-0.084	-0.274
VERT SPREAD: 0.694	9:	0.162	-0.266
GROUP SPREAD: 1.997	10:	-0.030	-0.038
MIN RADIUS: 0.077			
MAX RADIUS: 1.137			
MEAN RADIUS: 0.475			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0052221

SERIAL NUMBER: C6225601. __0

TARGET NUMBER: 3

FILE DATE: 04/08/2004

FILE TIME: 06:10

X CENTROID: -0.130

Y CENTROID: -0.235

POA TO CENTROID: 0.269

HORZ SPREAD: 2.031

VERT SPREAD: 2.281

GROUP SPREAD: 2.949

MIN RADIUS: 0.283

MAX RADIUS: 1.906

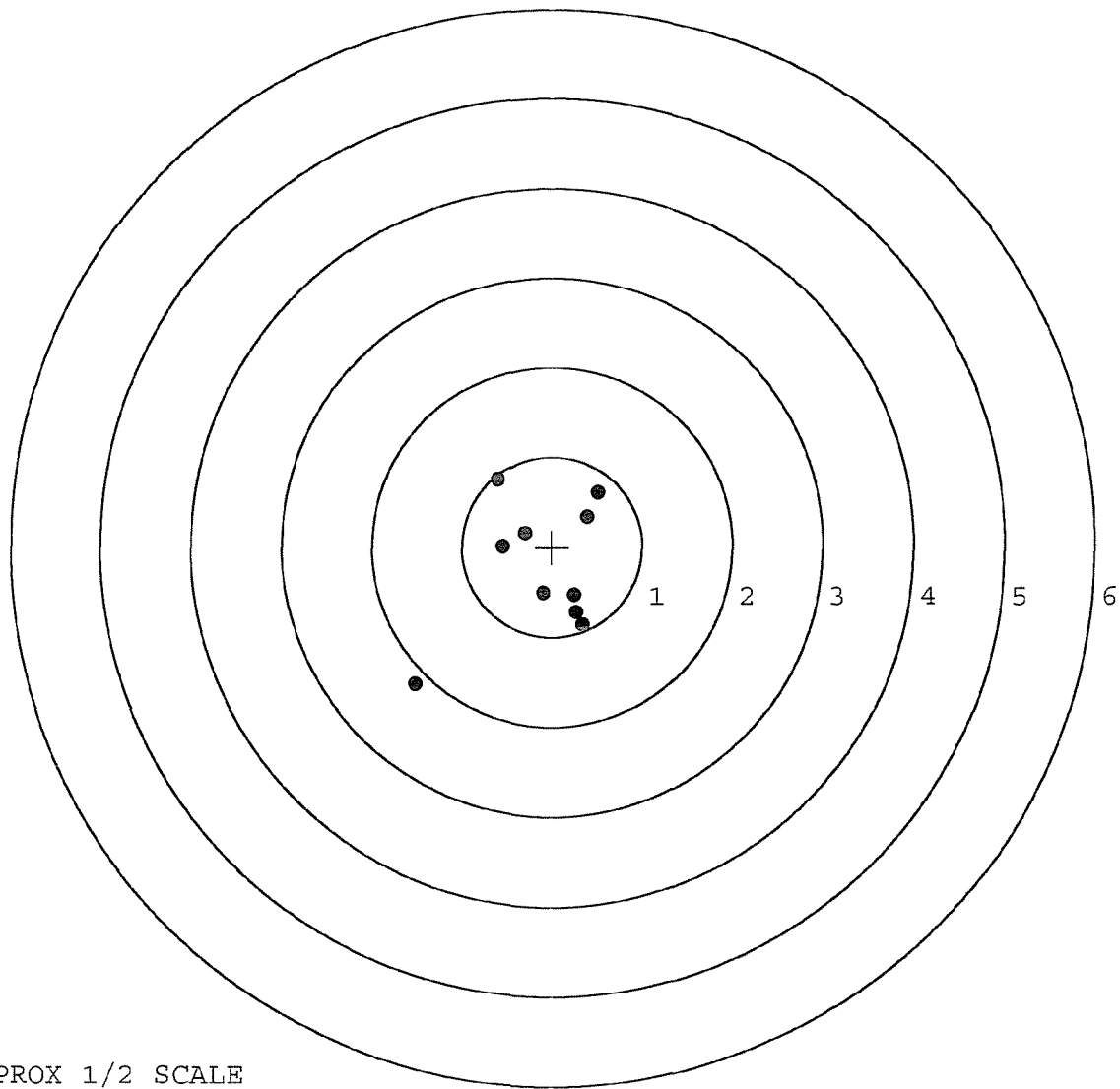
MEAN RADIUS: 0.792

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.508	0.602
2:	0.388	0.338
3:	-0.600	0.745
4:	-0.300	0.157
5:	-0.548	-0.003
6:	-0.099	-0.516
7:	0.252	-0.536
8:	0.273	-0.729
9:	0.344	-0.870
10:	-1.523	-1.536



TARGET APPROX 1/2 SCALE

BARBER - M24 0052222

SERIAL NUMBER: C6225601. __ 0

TARGET NUMBER: 4

FILE DATE: 04/08/2004

FILE TIME: 06:10

X CENTROID: 0.197

Y CENTROID: 0.313

POA TO CENTROID: 0.370

HORZ SPREAD: 2.134

VERT SPREAD: 2.072

GROUP SPREAD: 2.136

MIN RADIUS: 0.052

MAX RADIUS: 1.266

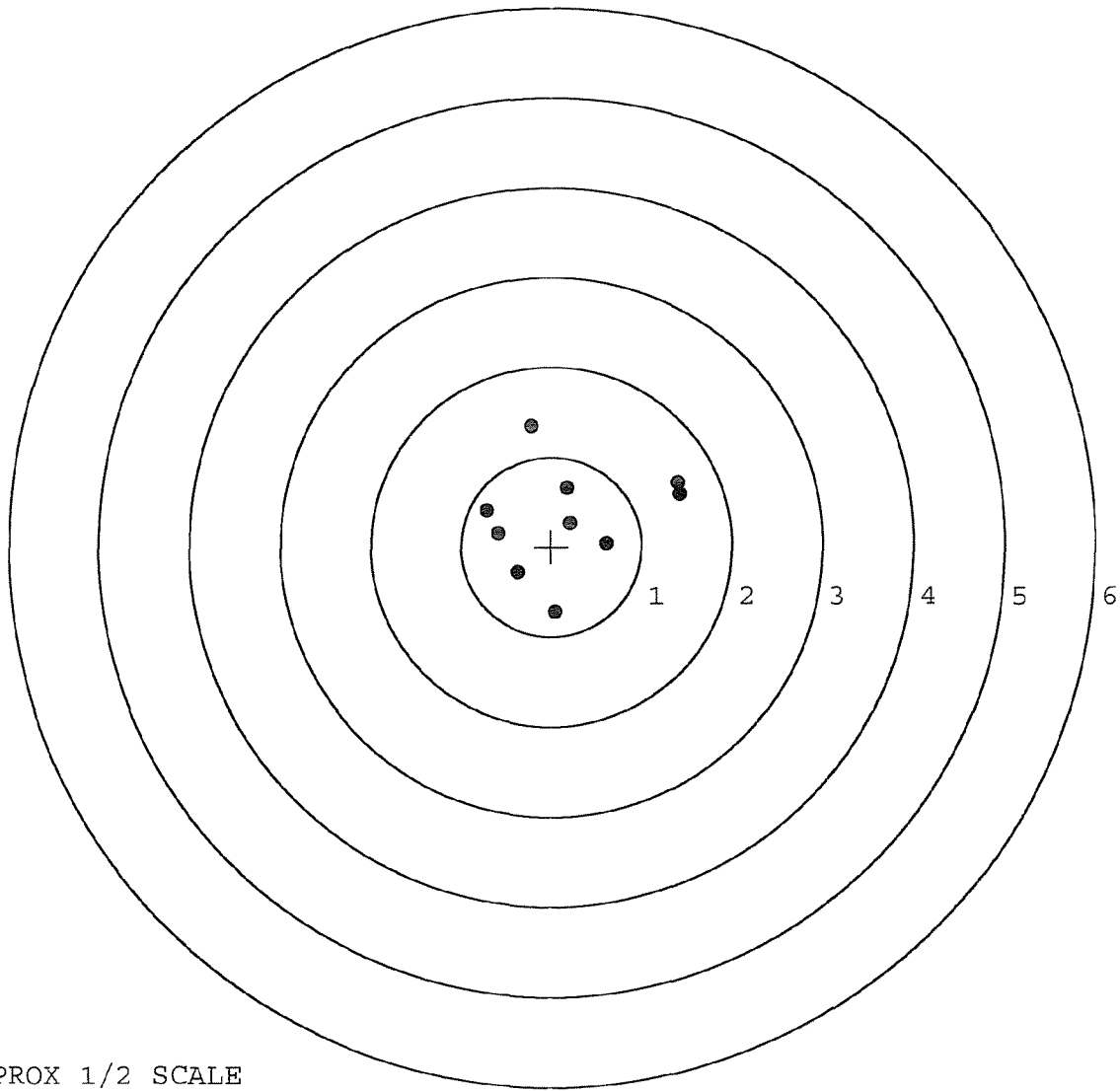
MEAN RADIUS: 0.813

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

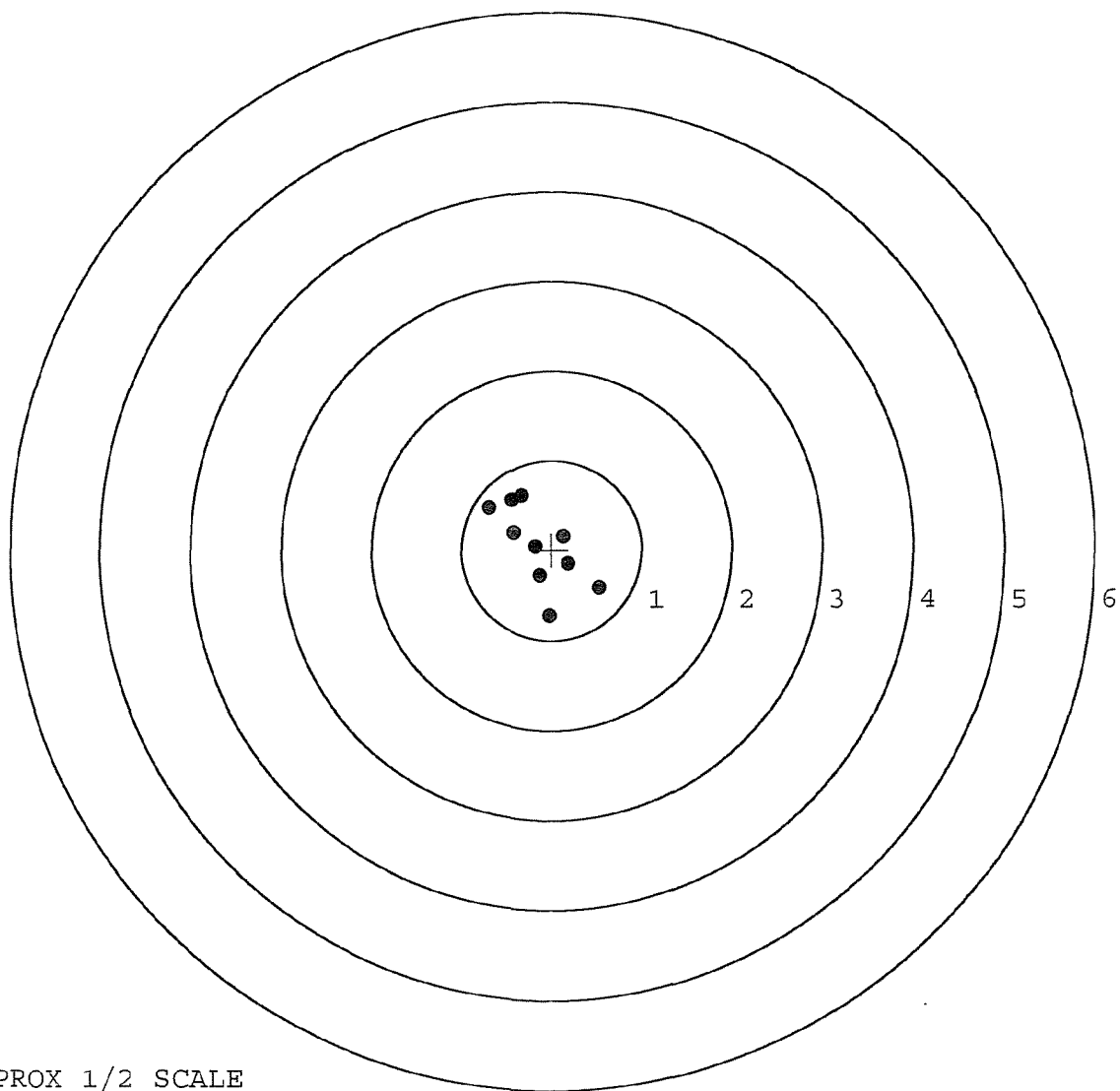
POINT#	X	Y
1:	1.397	0.715
2:	1.418	0.589
3:	-0.221	1.342
4:	0.180	0.659
5:	0.208	0.262
6:	0.610	0.038
7:	-0.716	0.400
8:	-0.591	0.143
9:	-0.369	-0.290
10:	0.053	-0.730



TARGET APPROX 1/2 SCALE

BARBER - M24 0052223

SERIAL NUMBER: C6225601.____0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.528	-0.420
FILE DATE: 04/08/2004	2:	-0.025	-0.735
FILE TIME: 06:10	3:	-0.336	0.608
	4:	-0.694	0.470
X CENTROID: -0.138	5:	-0.441	0.566
Y CENTROID: 0.043	6:	-0.421	0.198
POA TO CENTROID: 0.145	7:	-0.183	0.039
HORZ SPREAD: 1.222	8:	0.133	0.152
VERT SPREAD: 1.343	9:	0.188	-0.159
GROUP SPREAD: 1.512	10:	-0.133	-0.291
MIN RADIUS: 0.045			
MAX RADIUS: 0.811			
MEAN RADIUS: 0.488			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0052224 **M2400052263**

Remington
MODEL 700™ H24

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

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

DUPONT

SERIAL NO. C6225601

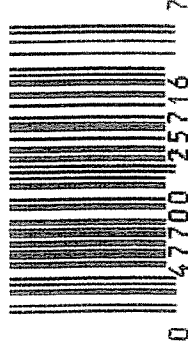
ORDER NO. 5716

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

20

5716 C6225601

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225601

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	R/C.
	Magnaflux Bolt		1-3-89	R/C.
615	Rollmark Caliber		12/22/88	WBC.
617	Drill and Tap Sight Holes	12 9	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-16-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/89	RW
	C) Inspect Ejector Hole for Chamfer		2/1/89	RW
	D) Oil Firing Pin Ass'y		2/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-26-89	ZAS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/26/89	JS
	G) Safety Off Force	2	2	2			3/26/89	JS
	H) Trigger Pull Test & Retainability						1/16/89	JS
	I) Firing Pin Indent	.021	.021	.021			3/26/89	JS
	J) Assemble Stock						2/7/89	RW
	K) Assemble Swivel Studs						9/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/7/89	RW
	M) Iron Sight Alignment						2/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/7/89	RW
	O) Attach Scope to Rifle						2/7/89	RW
	P) Detach & Attach Scope 20 Times						7/26/89	JS
640	Gallery Target & Test	76 R	76 L				2/8/89	DH
	A) Time						2/8/89	DH
	B) Malfunctions						2/8/89	DH
	C) Pierced Primers						2/8/89	DH
	D) Optical Clarity of Scope						2/8/89	DH
645	Inspect for Live Ammo						2/8/89	DH
655	Final Inspection							
	A) Headspace						9/26/89	JS
	B) Trigger Pull	2.17	2.19	2.26	2.17	2.18	9/26/89	JS
	C) Function						9/26/89	JS
660	Pack						2/26/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 5601DATE 4/3/90TESTER OH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.33	2.31		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.31	2.30		
PULL #3	2.46	2.35	2.27		
PULL #4	2.42	2.13	2.35		
PULL #5	2.42	2.34	2.21		
TOTAL	12.17	11.46	11.44		
AVG.	2.43	2.29	2.28		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.03		
PULL #2	3.06	3.02		
PULL #3	3.04	3.04		
PULL #4	3.05	3.01		
PULL #5	3.03	3.00		
TOTAL	15.27	15.10		
AVG.	3.05	3.02		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.04		
PULL #2	4.07	4.03		
PULL #3	4.09	4.03		
PULL #4	4.00	4.12		
PULL #5	4.09	4.08		
TOTAL	20.36	20.30		
AVG.	4.07	4.06		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225601
10 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.196543
1 TO	2	.377001
1 TO	3	.566904
1 TO	4	.3867
1 TO	5	.492882

$\frac{\sum x_i}{n}$ <----POA

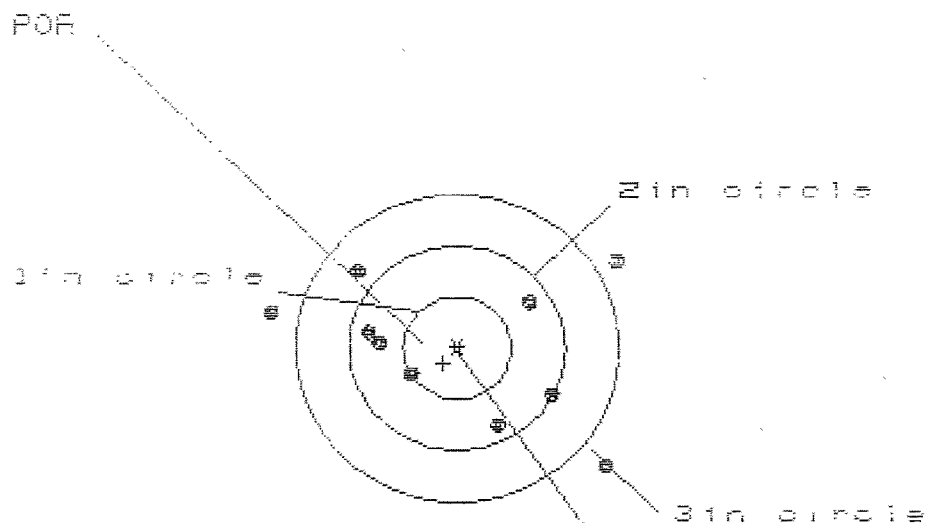
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0716
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10543

THE AMR FOR THIS RIFLE IS: .9058

12 Feb 1969

FILE:/PATTERNING/CENTERFIRE_PATT/08225801

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 6

3in = 7

X2 = 3.129

Y2 = 3.032

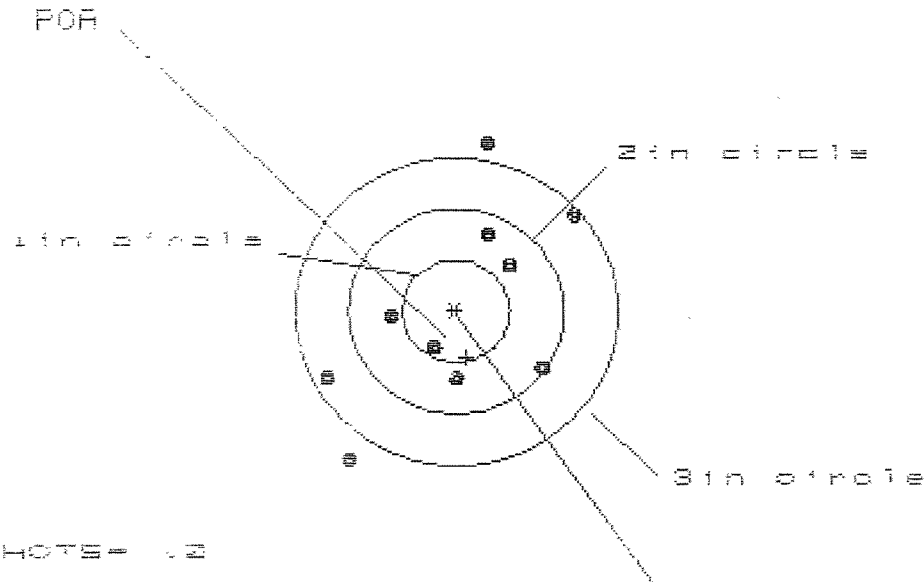
Z2 = 3.473

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.443	1.599	1.399
MINIMUM X	-1.755	-1.599	-1.963
MAXIMUM Y	.894	.767	.791
MINIMUM Y	-1.138	-.912	-.829
CENTROID X	.127	-.029	.171
CENTROID Y	.150	.277	.253
POA TO CENTROID in.	.197	.278	.306
MIN RADIUS	.532	.498	.626
MEAN RADIUS	1.115	1.015	.952
MAX RADIUS	1.804	1.773	1.607
HORIZONTAL SPREAD	3.198	3.198	2.062
VERTICAL SPREAD	2.032	1.679	1.679
EXTREME SPREAD	3.473	3.250	2.415
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8223601

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

1 in = 2.358

2 in = 3.068

3 in = 3.309

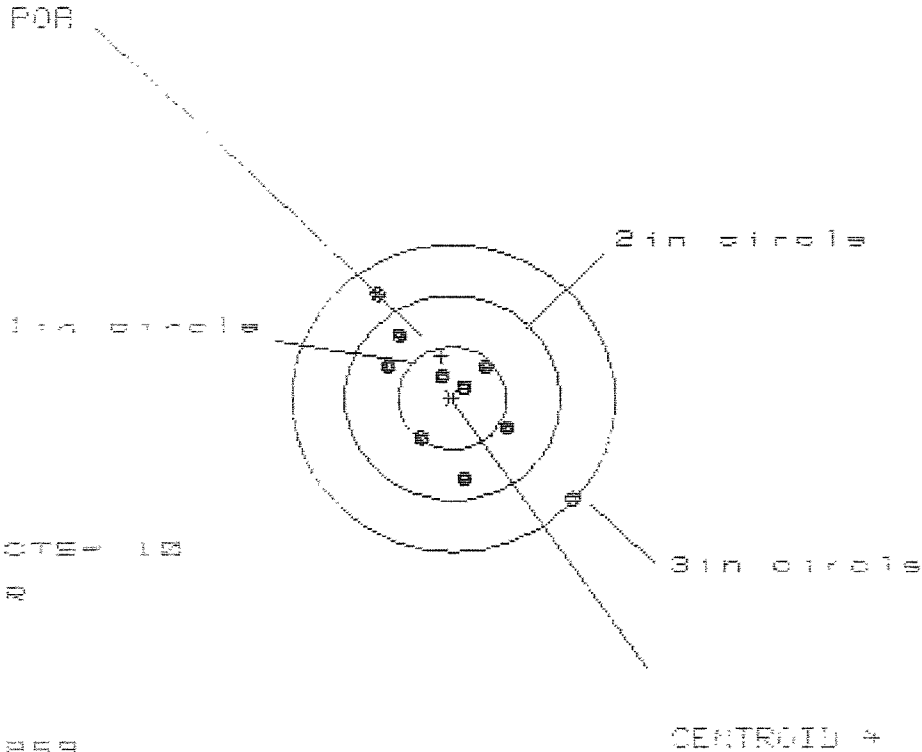
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.111	1.002	1.022
MINIMUM X	-1.247	-1.356	-1.336
MAXIMUM Y	1.621	1.460	.968
MINIMUM Y	-1.447	-.818	-.636
CENTROID X	-.100	.009	-.011
CENTROID Y	.451	.612	.430
POA TO CENTROID in.	.462	.612	.430
MIN RADIUS	.417	.494	.453
MEAN RADIUS	1.033	.950	.864
MAX RADIUS	1.746	1.563	1.463
HORIZONTAL SPREAD	2.358	2.358	2.358
VERTICAL SPREAD	3.068	2.278	1.604
EXTREME SPREAD	3.309	2.830	2.830
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

19 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225601

CENTERFIRE PATTERNS # 3



+ OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

X = 1.858

Y = 2.037

Z = 2.765

PATTERN #

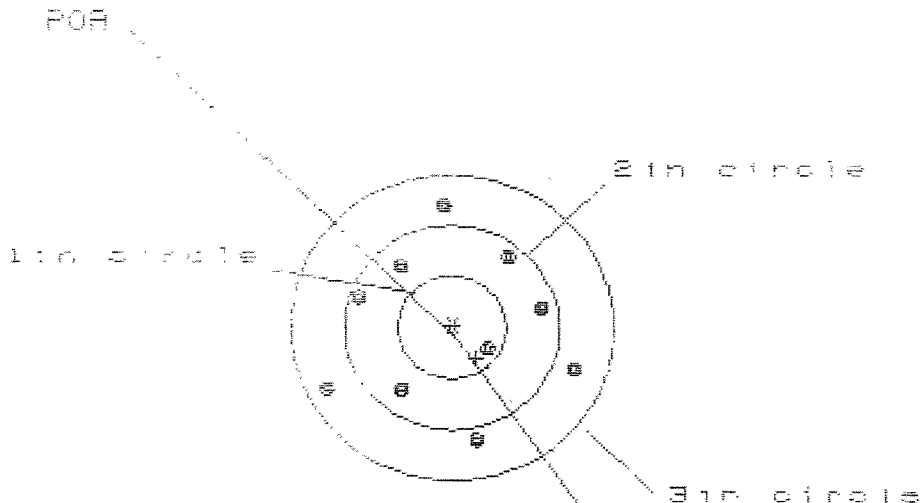
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.150	.680	.566
MINIMUM X	-.719	-.591	-.535
MAXIMUM Y	1.034	.922	.578
MINIMUM Y	-1.003	-.969	-.754
CENTROID X	.895	-.033	.041
CENTROID Y	-.416	-.304	-.419
POB TO CENTROID in.	.426	.306	.421
DIAP RADIUS	.197	.073	.201
MEAN RADIUS	.690	.576	.514
RAY RADIUS	1.526	1.095	.755
HORIZONTAL SPREAD	1.869	1.271	1.141
VERTICAL SPREAD	2.037	1.791	1.632
EXTREME SPREAD	2.765	1.961	1.451
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

19 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG225661

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

X = 0.000

Y = 0.285

Z = 0.007

CENTROID X

PATTERN #

4

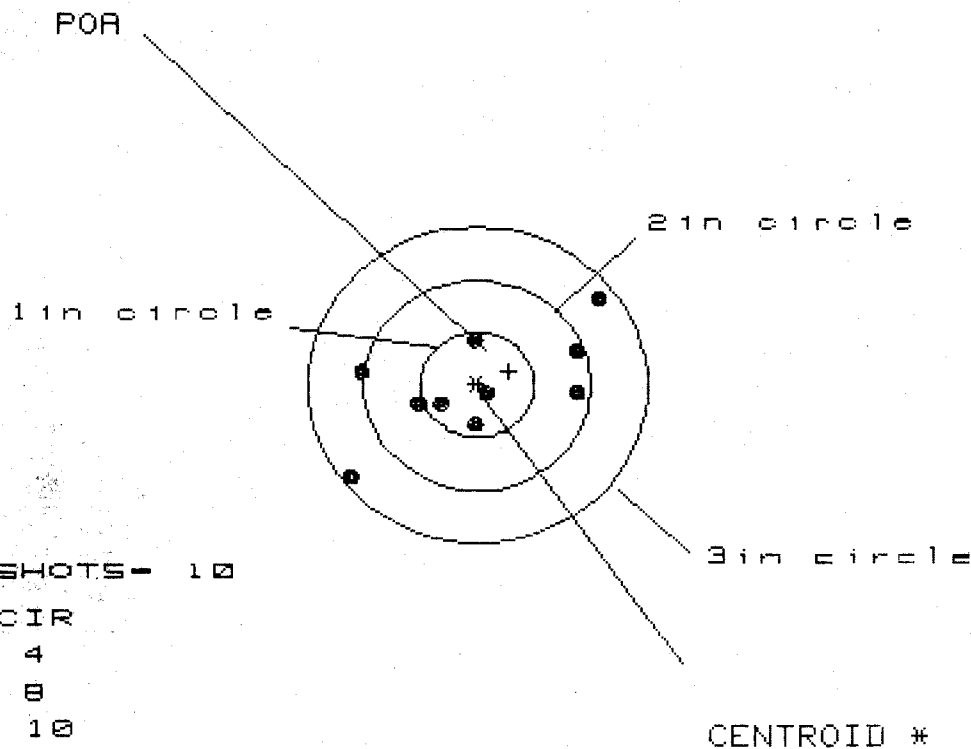
POINTS (BEST OF)	10	9	8
MAXIMUM X	1.890	.955	1.104
MINIMUM X	-1.210	-1.020	-1.041
MAXIMUM Y	1.170	1.110	1.129
MINIMUM Y	-1.100	-1.175	-1.037
CENTROID X	-0.229	-0.094	-0.077
CENTROID Y	.001	.367	.229
POA TO CENTROID IN.	.070	.379	.240
MIN RADIUS	.424	.376	.207
MEAN RADIUS	.942	.882	.838
MAX RADIUS	1.349	1.184	1.100
HORIZONTAL SPREAD	2.300	1.975	1.075
VERTICAL SPREAD	2.285	2.285	1.065
EXTREME SPREAD	2.307	2.307	2.101
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225601

CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 2.195

VS = 1.688

GS = 2.769

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.081	.957	.884
MINIMUM X	:	-1.114	-1.094	-.974
MAXIMUM Y	:	.792	.692	.448
MINIMUM Y	:	-.896	-.469	-.383
CENTROID X	:	-.280	-.156	-.276
CENTROID Y	:	-.128	-.028	-.114
POA TO CENTROID in.	:	.308	.159	.299
MIN RADIUS	:	.155	.197	.160
MEAN RADIUS	:	.749	.683	.592
MAX RADIUS	:	1.430	1.181	.985
HORIZONTAL SPREAD	:	2.195	2.051	1.858
VERTICAL SPREAD	:	1.688	1.161	.830
EXTREME SPREAD	:	2.769	2.146	1.869
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

REC- BARBER M24 0052235

COMMENTS

ORDER
R 97-09524

CUSTOMER ORDER NO.

WOG 16 OF 19
M-24

JJM 012060

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
05/14/97	05/14/97	BJ 1-89	C6225601		700 7.62 NATO

ACCESSORIES W/STUDS W/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	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

COMMENTS

Barrel 1 96001 Repowder Coat Trigger Guard
Front Sight Base 96001 Assy, & Rear Sight Base
ReLine Scope Base & Swivel
Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
KW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
KT	5-16-97	7-10-97	7-21-97	7-21-97	

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0052235 52274

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225601

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	5-16-97	A
605	CHECK HEADSPACE	5-16-97	A
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	7-10-97	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	7/21/97 7/17/97	KT KT
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

BARBER - M24 0052237

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225601
17 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.8052
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.6178
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.8071

THE AMR FOR THIS RIFLE IS: 1.344

CENTROIDAL DISTANCES

0 TO	1	1.63617			
1 TO	2	.671563			
1 TO	3	.35412			
1 TO	4	.257263	5		
1 TO	5	.521767	3	2	
			4	1	

+ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

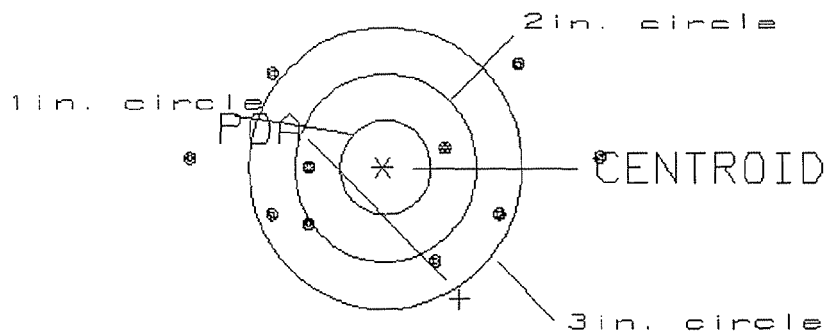
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 010
 POA TO CENTROID: 1.636
 MIN RADIUS : .705
 MEAN RADIUS : 1.440
 MAX RADIUS : 2.319
 CENTROID X : -.855
 CENTROID Y : 1.395

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225681

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.44
 VS= 2.10
 GS= 4.44

0
 2
 6

REMINGTON CENTERFIRE ACCURACY TEST

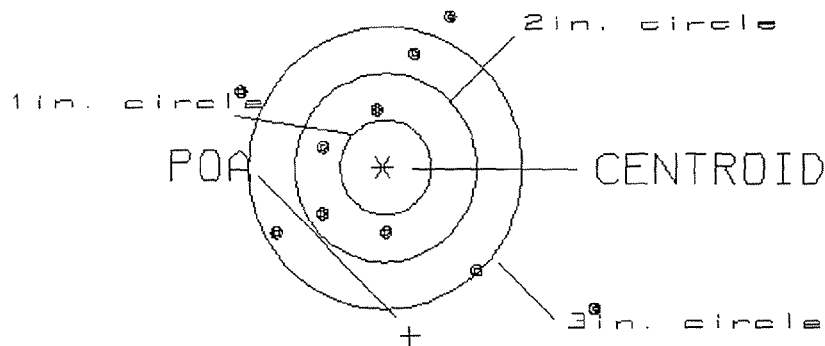
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: 1.813
 MIN RADIUS : .631
 MEAN RADIUS : 1.350
 MAX RADIUS : 2.787
 CENTROID X : -.309
 CENTROID Y : 1.786

17 Jul 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225601

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.91
 VS= 3.19
 GS= 4.58

0
 4
 6

REMINGTON CENTERFIRE ACCURACY TEST

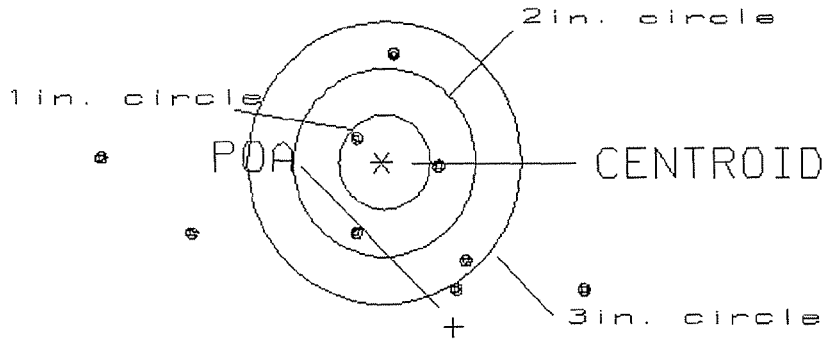
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: 1.917
 MIN RADIUS : .444
 MEAN RADIUS : 1.777
 MAX RADIUS : 3.876
 CENTROID X : -.795
 CENTROID Y : 1.744

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225601

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 5.29

1

VS= 5.08

3

GS= 5.52

5

REMINGTON CENTERFIRE ACCURACY TEST

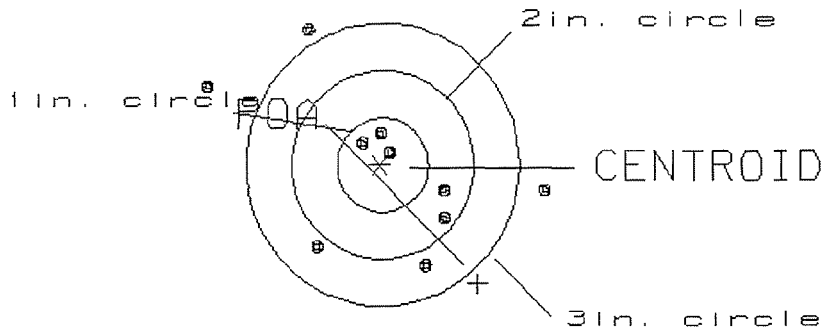
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: 1.661
 MIN RADIUS : .193
 MEAN RADIUS : 1.039
 MAX RADIUS : 2.146
 CENTROID X : -1.077
 CENTROID Y : 1.265

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225681

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.79
 VS= 2.49
 GS= 3.96

3
 5
 7

REMINGTON CENTERFIRE ACCURACY TEST

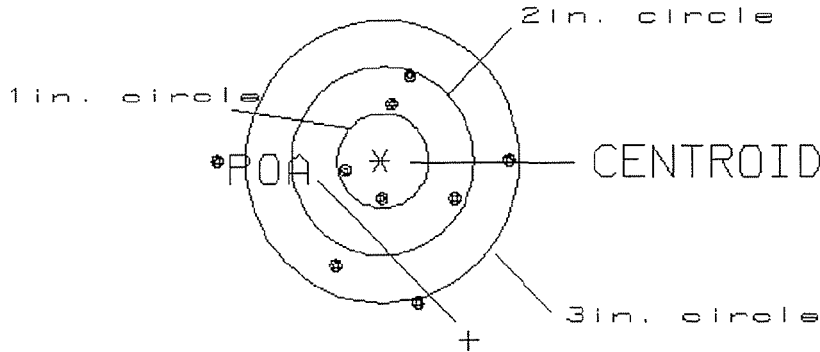
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: 2.142
 MIN RADIUS : .376
 MEAN RADIUS : 1.113
 MAX RADIUS : 1.923
 CENTROID X : -.990
 CENTROID Y : 1.899

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225601

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.14

2

VS= 3.44

5

GS= 3.49

7

Final Inspection

Sn: C6225601

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 STADS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225601
21 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3838
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0108
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.08121

THE AMR FOR THIS RIFLE IS: .8754

CENTROIDAL DISTANCES

0 TO	1	1.64732
1 TO	2	1.54205
1 TO	3	1.22868
1 TO	4	1.21654
1 TO	5	1.64947

3 1
4
2
5 + <----POA

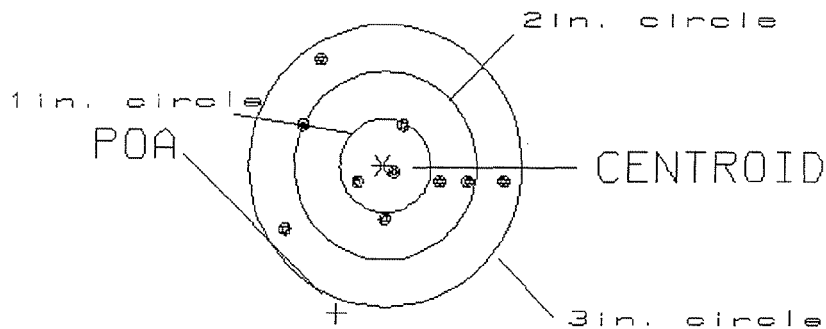
PATTERN #: 010

POA TO CENTROID: 1.647
 MIN RADIUS : .146
 MEAN RADIUS : .812
 MAX RADIUS : 1.374
 CENTROID X : .505
 CENTROID Y : 1.568

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225601.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.42

3

VS= 1.80

7

GS= 2.46

10

REMINGTON CENTERFIRE ACCURACY TEST

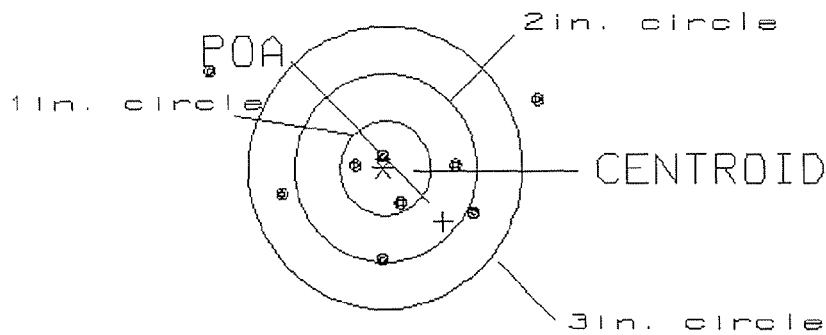
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .876
 MIN RADIUS : .145
 MEAN RADIUS : .900
 MAX RADIUS : 2.151
 CENTROID X : -.668
 CENTROID Y : .567

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CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.53

4

VS= 2.02

5

GS= 3.54

8

REMINGTON CENTERFIRE ACCURACY TEST

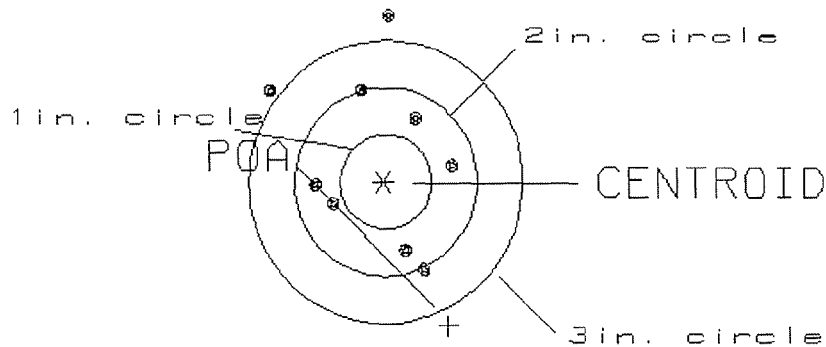
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: 1.690
 MIN RADIUS : .631
 MEAN RADIUS : 1.181
 MAX RADIUS : 2.814
 CENTROID X : -.723
 CENTROID Y : 1.527

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225601.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.52

0

VS= 4.31

5

GS= 4.47

7

REMINGTON CENTERFIRE ACCURACY TEST

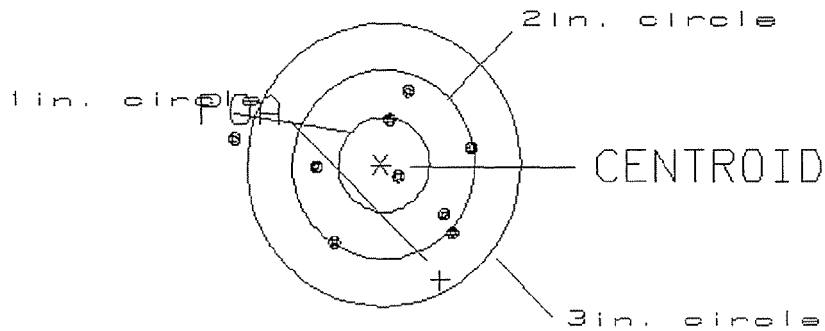
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: 1.388
 MIN RADIUS : .204
 MEAN RADIUS : .827
 MAX RADIUS : 1.634
 CENTROID X : -.661
 CENTROID Y : 1.221

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225601.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.59

1

VS= 1.66

7

GS= 2.60

9

REMINGTON CENTERFIRE ACCURACY TEST

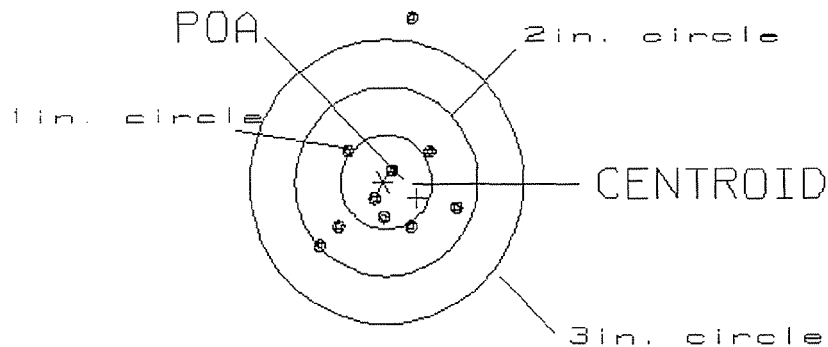
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .410
 MIN RADIUS : .135
 MEAN RADIUS : .657
 MAX RADIUS : 1.738
 CENTROID X : -.372
 CENTROID Y : .171

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FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225681.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.46
 VS= 2.39
 GS= 2.58

3
 9
 9