

C6523327

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

11/09/07 09:14:10

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: RE00136589

Serial: C6523327 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/9/2007 8:17:22 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: 1/1 ADA 1/1 ADA

Address 1: LONGKNIFE LONGKNIFE

Address 2: PO Box: PO Box:

City: FORT BLISS FORT BLISS

State: TX Zip Code: 79916 Country: US State: TX Zip Code: 79916 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
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naglelj

11/9/2007

9:14 AM

CAPS

NUM

INS

SCRL



Serial Number: C6523327

Model: M24 SWS

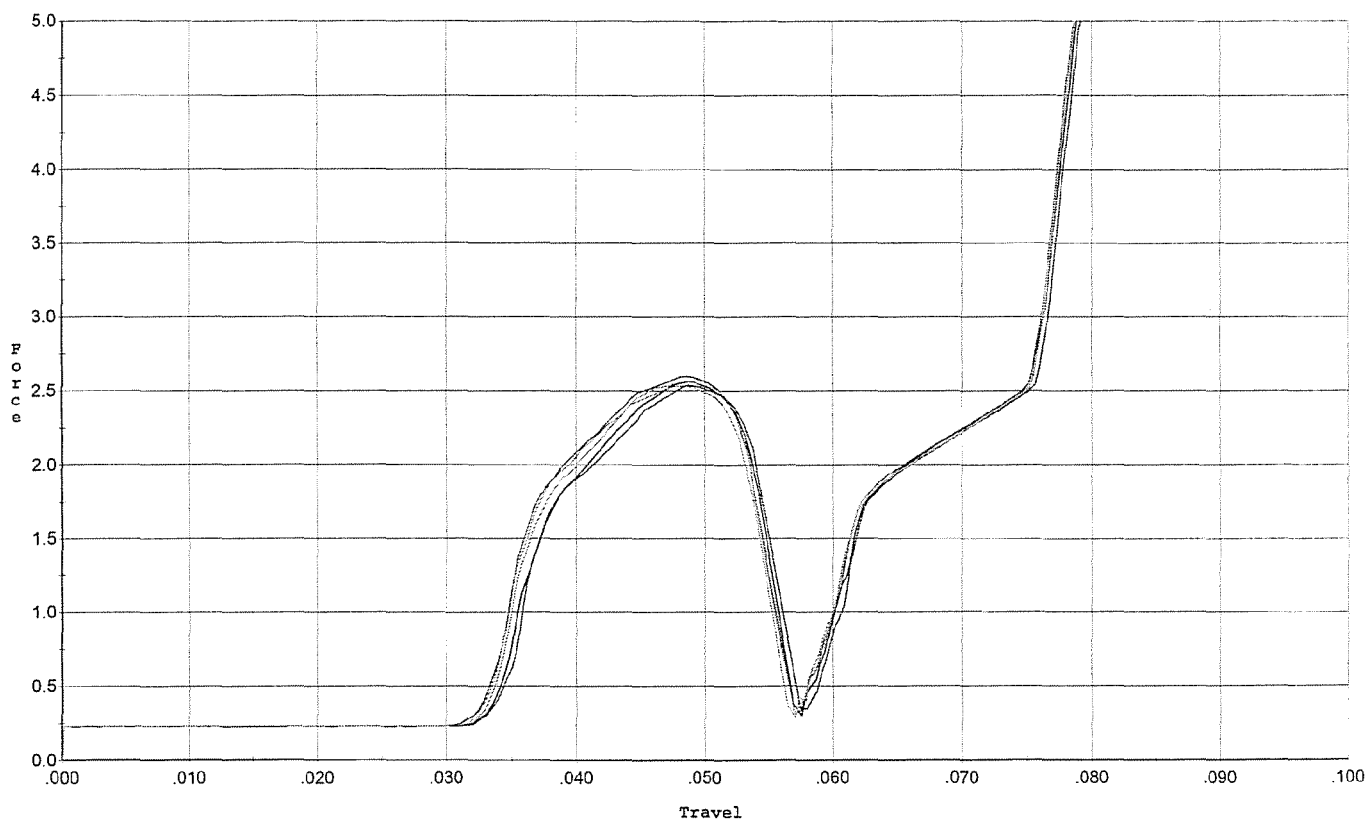


RE00136589

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/30/08

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



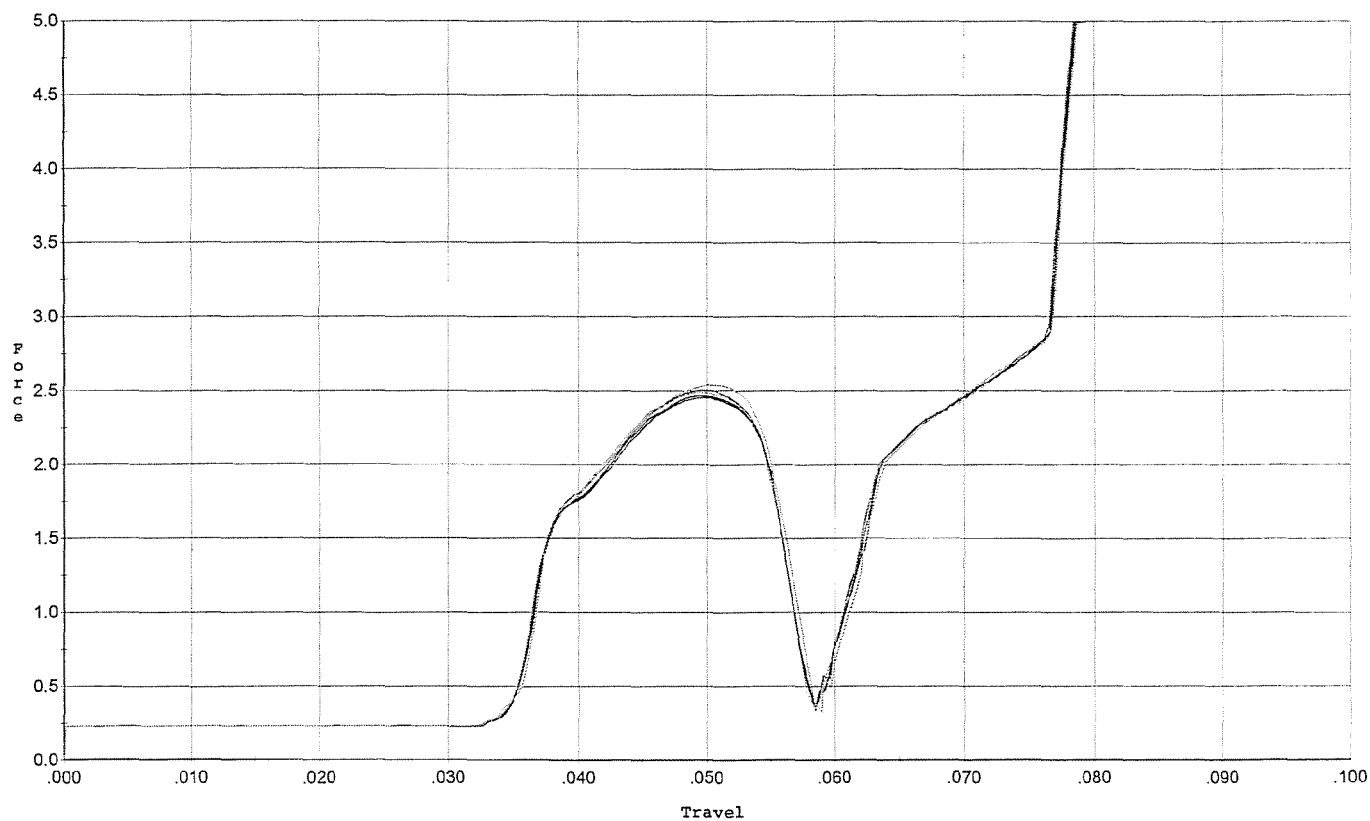
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.538	0.054	0.034	0.032	0.049		Set Trigger
2	2.561	0.054	0.034	0.032	0.050		Set Trigger
3	2.599	0.053	0.033	0.032	0.051		Set Trigger
4	2.564	0.053	0.033	0.032	0.050		Set Trigger
5	2.532	0.054	0.033	0.032	0.051		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/30/08

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



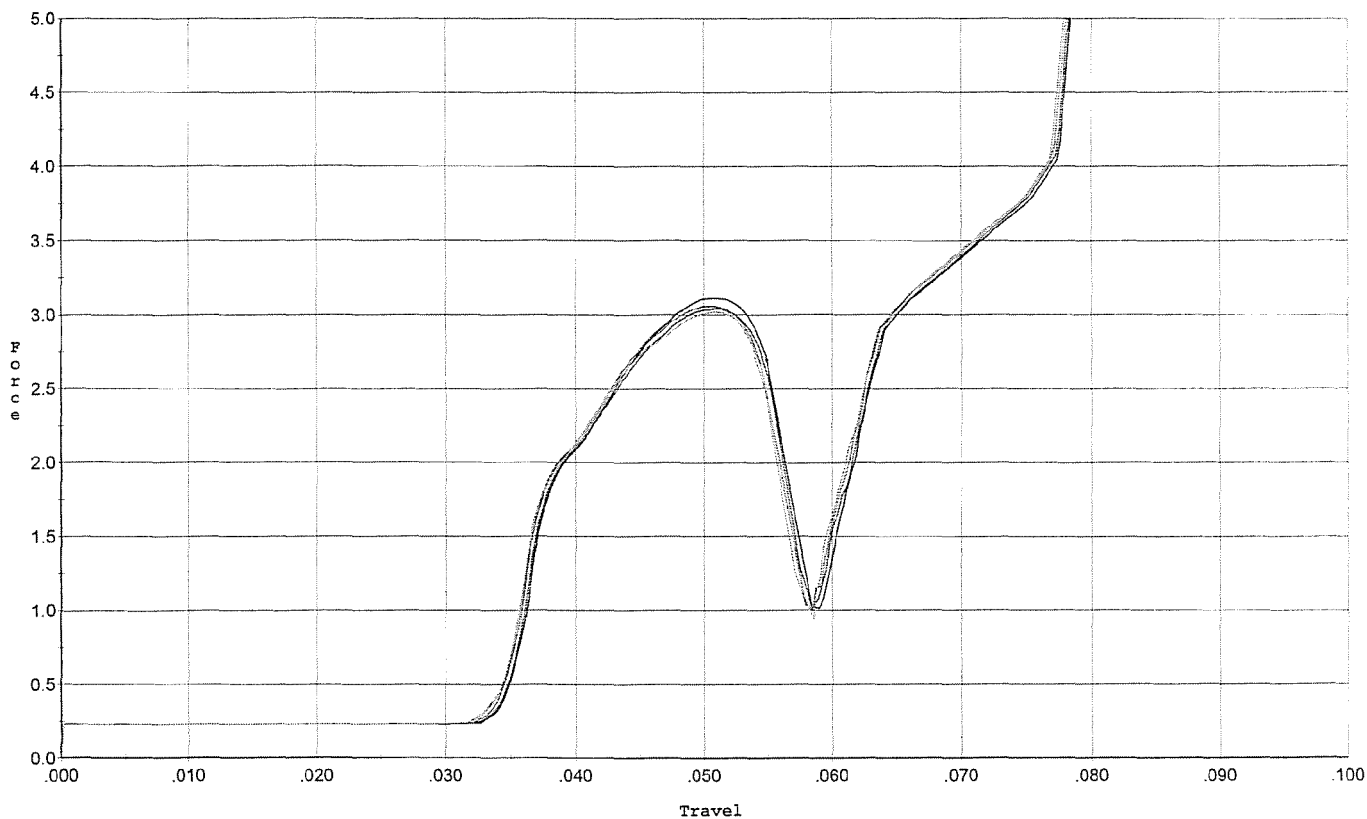
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.453	0.055	0.035	0.031	0.049		Set Trigger
2	2.466	0.055	0.035	0.030	0.049		Set Trigger
3	2.504	0.055	0.035	0.030	0.049		Set Trigger
4	2.540	0.056	0.036	0.030	0.051		Set Trigger
5	2.491	0.055	0.035	0.030	0.050		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/30/08

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



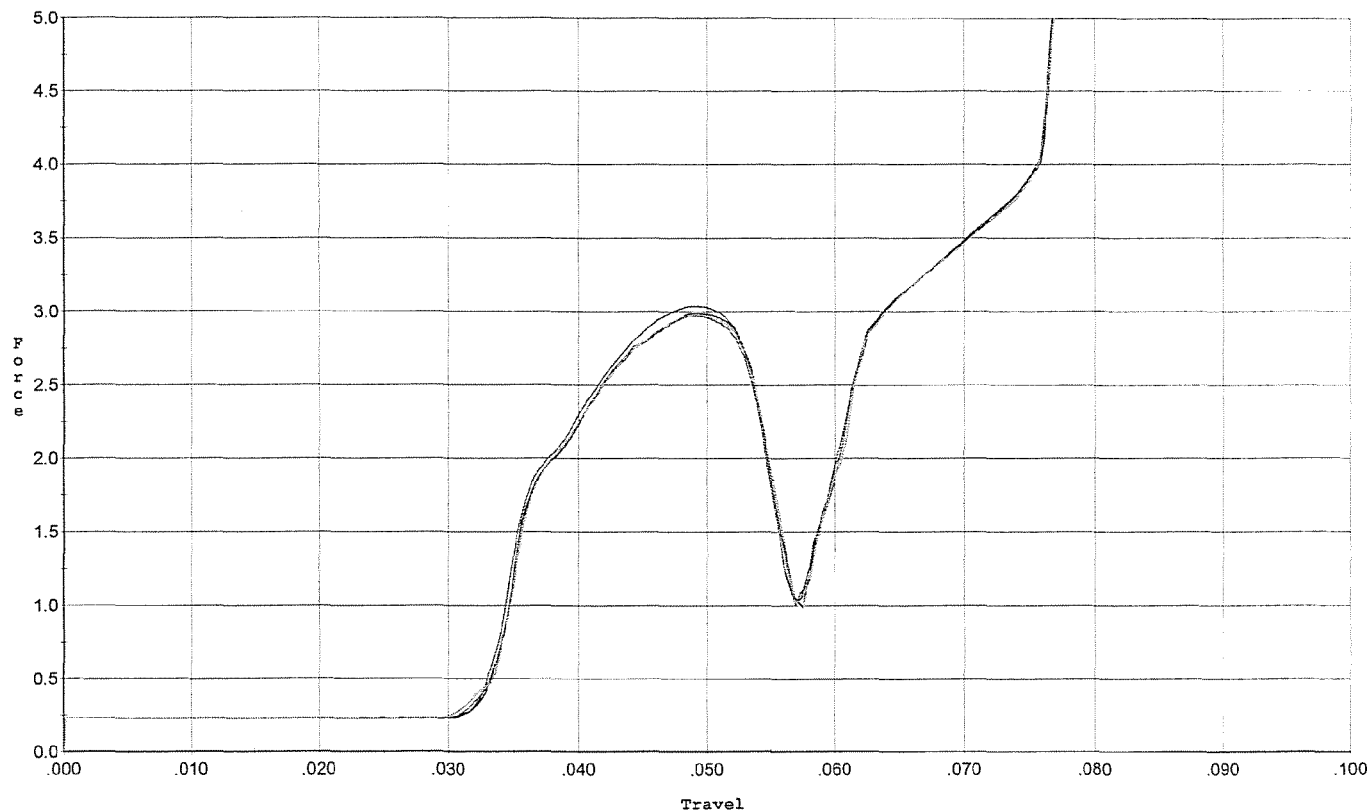
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.041	0.055	0.034	0.029	0.059		Set Trigger
2	3.110	0.055	0.034	0.029	0.059		Set Trigger
3	3.058	0.056	0.034	0.029	0.061		Set Trigger
4	3.020	0.056	0.034	0.029	0.060		Set Trigger
5	3.053	0.055	0.034	0.029	0.059		Set Trigger

AVG 3.05

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/30/08

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	3.037	0.054	0.033	0.029	0.059		Set Trigger
2	2.988	0.054	0.033	0.029	0.058		Set Trigger
3	2.972	0.054	0.033	0.029	0.058		Set Trigger
4	2.982	0.054	0.034	0.029	0.058		Set Trigger
5	2.978	0.055	0.034	0.029	0.060		Set Trigger

Avg 2.99

Trigger Profile [lbs,inch]

Profile

GunType:

Make:

Note:

SWS

Rifle

Remington

R. Putch 1/30/08

Model:

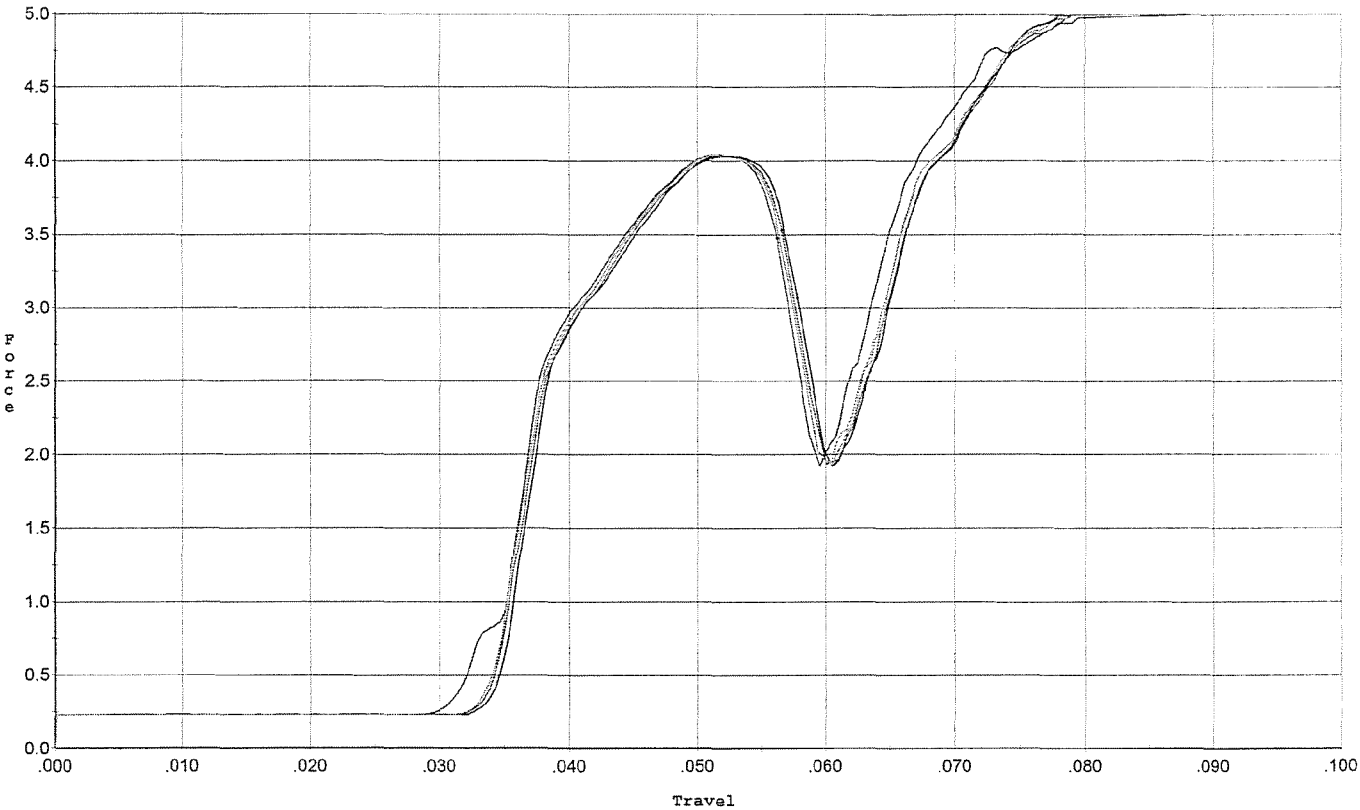
Serial No:

Trigger:

M/24

Form #F005

4.0 lbs. ini. +/- 1.0 lbs.



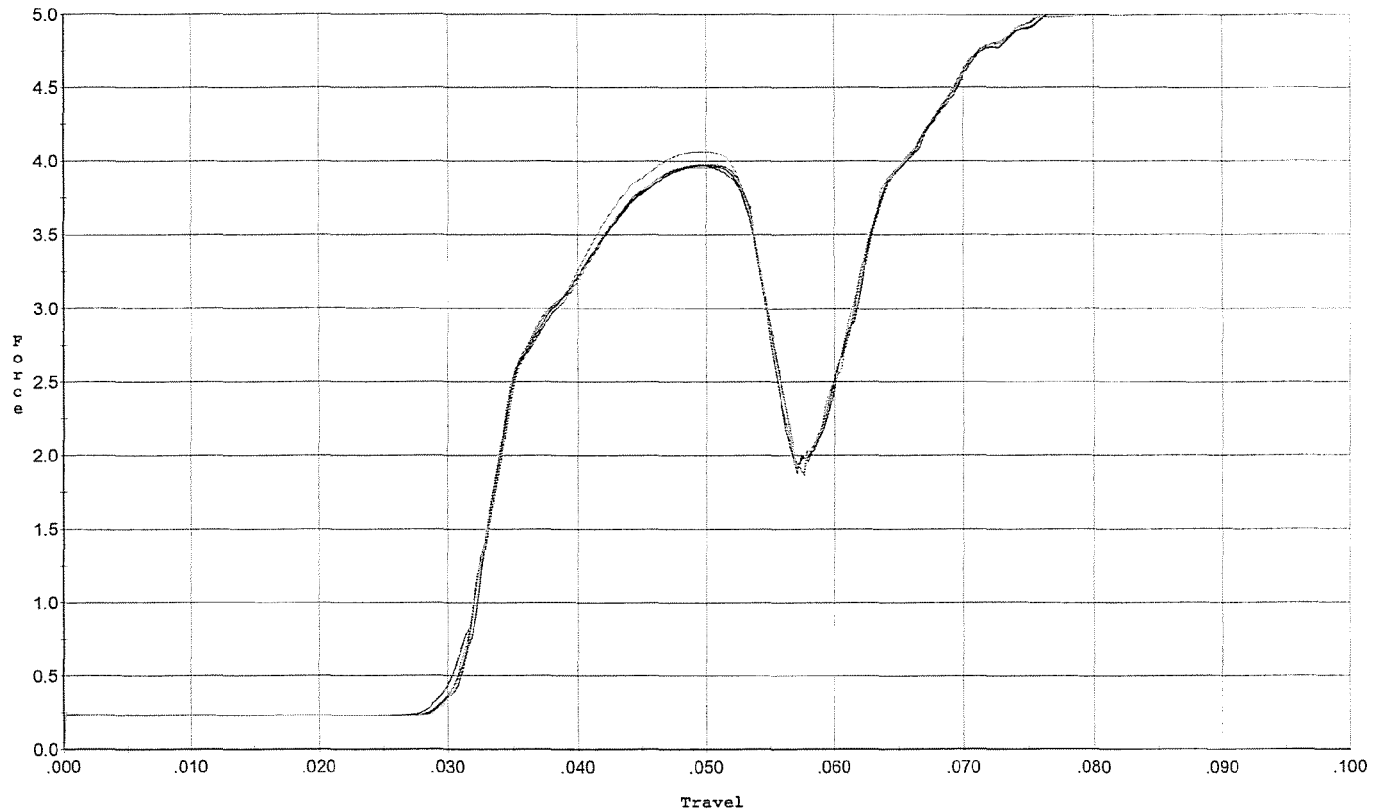
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.034	0.056	0.032	0.029	0.083		Set Trigger
2	4.039	0.058	0.034	0.029	0.084		Set Trigger
3	4.032	0.057	0.034	0.029	0.082		Set Trigger
4	4.048	0.057	0.034	0.029	0.084		Set Trigger
5	4.039	0.057	0.034	0.029	0.084		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/30/08

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



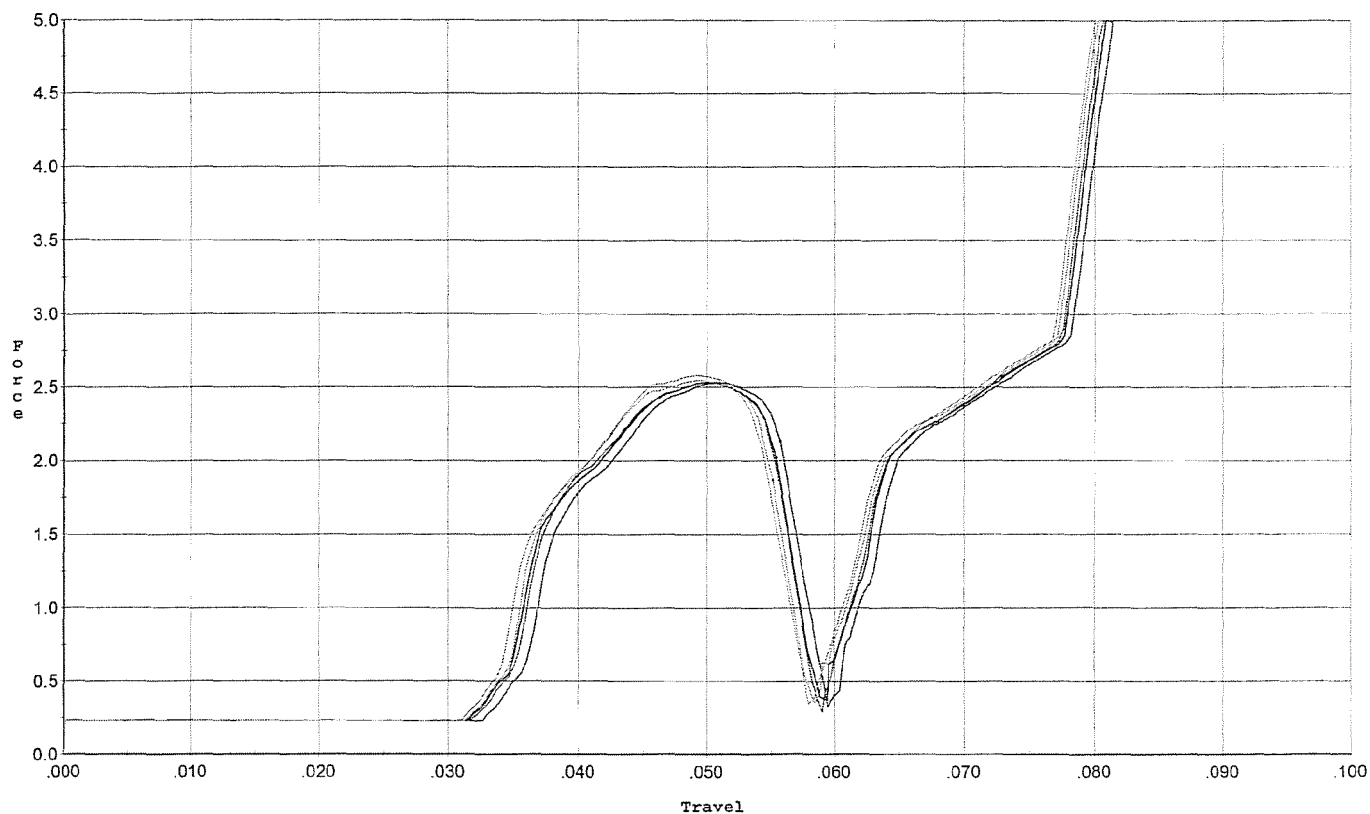
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.974	0.053	0.031	0.029	0.081		Set Trigger
2	3.972	0.054	0.031	0.029	0.081		Set Trigger
3	3.956	0.054	0.030	0.029	0.082		Set Trigger
4	3.982	0.055	0.031	0.028	0.084		Set Trigger
5	4.064	0.054	0.031	0.029	0.083		Set Trigger

AVG 3.99

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/30/08

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



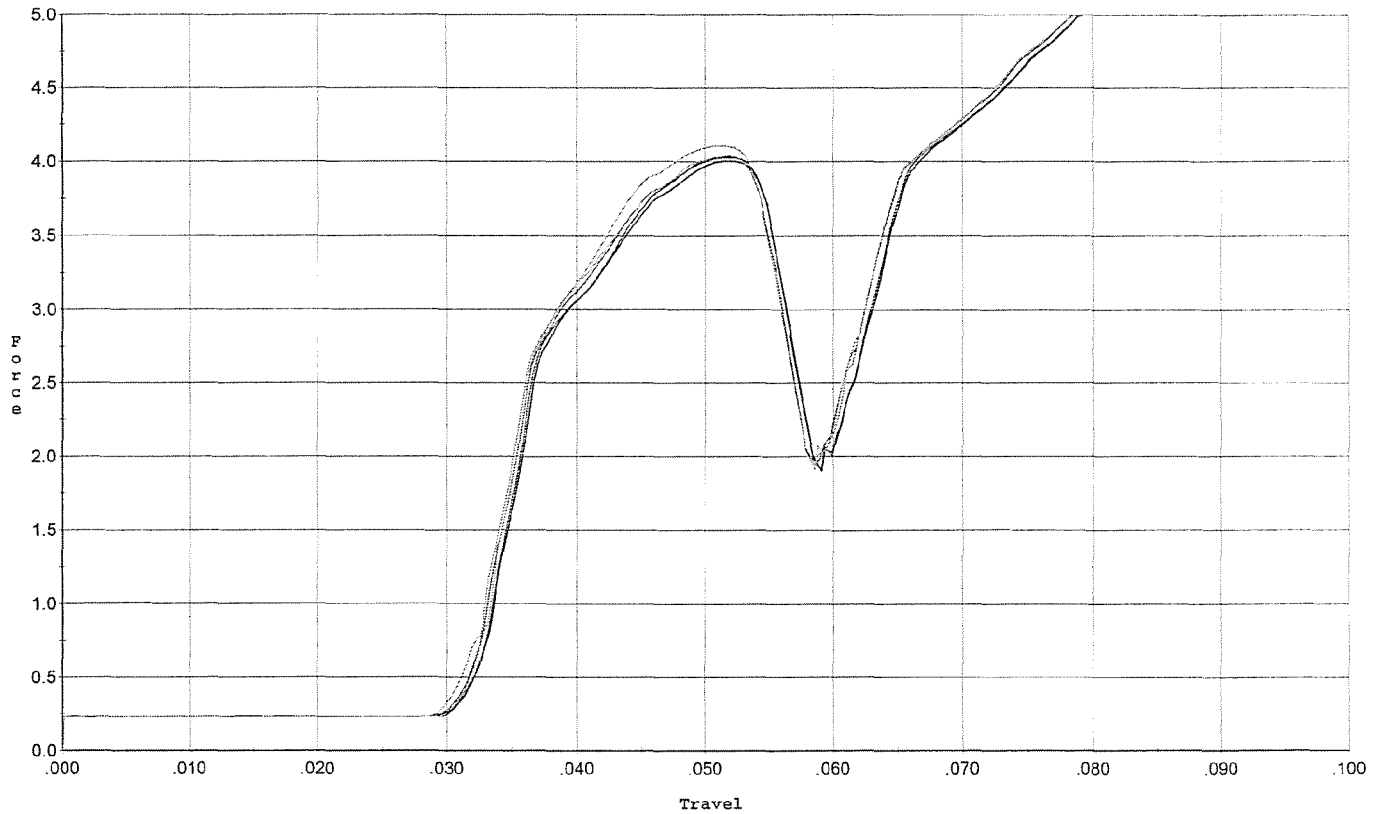
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.531	0.056	0.034	0.032	0.052		Set Trigger
2	2.531	0.055	0.033	0.032	0.053		Set Trigger
3	2.533	0.056	0.034	0.032	0.052		Set Trigger
4	2.578	0.055	0.033	0.032	0.053		Set Trigger
5	2.545	0.054	0.033	0.032	0.052		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/30/08

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	4.027	0.055	0.032	0.029	0.082		Set Trigger
2	4.004	0.057	0.032	0.029	0.085		Set Trigger
3	4.036	0.056	0.031	0.029	0.084		Set Trigger
4	4.041	0.056	0.031	0.029	0.085		Set Trigger
5	4.108	0.056	0.031	0.029	0.086		Set Trigger

AVG 4.04

R & E NUMBER

136589

SERIAL NUMBER

06523327

LOG-IN DATE

11-9-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-4-08	RTZ
505	RE-BARREL	2-5-08	P.P.D.
560	ASSEMBLE	2-5-08	P.P.D.
600	PROOF	2-6-08	TRW
605	CHECK HEADSPACE	2-6-08	TRW
610	DIS-ASSEMBLE GUN	2-6-08	P.P.D.
612	MAGNAFLUX	2/7/08	unmet
510	DRILL AND TAP	2-6-08	TRW
615	ROLLMARK CALIBER	2-6-08	CW
618	ROTO-BLAST	2-7-08	DG
620	APPLY COATINGS	2-11-08	W
625	FINAL ASSEMBLY	2-12-08	P.P.D.
640	FUNCTION TEST AND	2-13-08	TRW
650	TARGET	2-13-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-13-08	RP
	A) HEADSPACE	2-20-08	TRW
	B) TRIGGER PULL	2.66 2.57 2.53 2.37 2.48 2.18-08	TRW
680	F) SAFETY ON FORCE	8.5 7.75 7.5 2-20-08	TRW
	G) SAFETY OFF FORCE	3.0 3.0 3.25 2-20-08	TRW
	I) FIRING PIN INDENT	.0245 .0245 .024 2-20-08	TRW
690	PACK	2-20-08	FM

MAGNA - FLUX

FEB 17 2008

OPERATOR

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523327.___0
FILE DATE AND TIME: 02/14/2008 13:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.131
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.729
The Distance from POA to Centroid Target #1:	0.125
The Distance from Centroid Target #2 to Centroid Target #1:	0.203
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.148
The Distance from Centroid Target #5 to Centroid Target #1:	0.067

BARBER - M24 0006127

SERIAL NUMBER: C6523327. 0

TARGET NUMBER: 1

FILE DATE: 02/14/2008

FILE TIME: 13:04

POINT#	X	Y
1:	0.798	-0.633
2:	1.375	-0.148
3:	0.581	-0.127
4:	0.360	0.106
5:	0.020	-0.261
6:	-0.325	-0.634
7:	-1.039	-0.543
8:	-0.764	0.206
9:	0.450	0.959
10:	-0.247	1.380

X CENTROID: 0.121

Y CENTROID: 0.030

POA TO CENTROID: 0.125

HORZ SPREAD: 2.414

VERT SPREAD: 2.014

GROUP SPREAD: 2.268

MIN RADIUS: 0.251

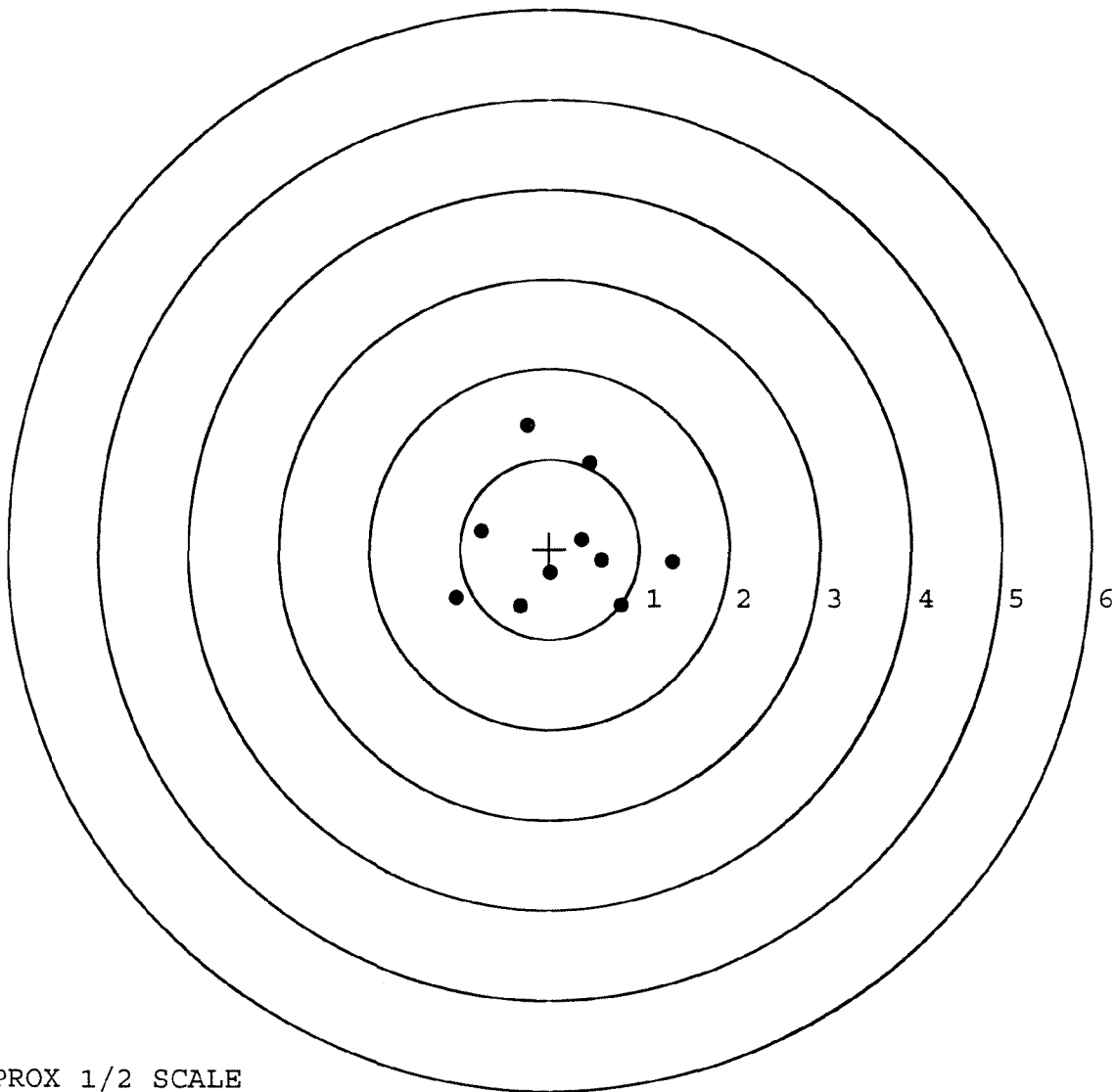
MAX RADIUS: 1.399

MEAN RADIUS: 0.864

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0006128

SERIAL NUMBER: C6523327. 0

TARGET NUMBER: 2

FILE DATE: 02/14/2008

FILE TIME: 13:04

POINT#	X	Y
1:	1.412	-0.154
2:	1.348	-0.544
3:	0.772	-0.182
4:	-0.408	-0.997
5:	-0.086	-0.405
6:	-0.476	-0.169
7:	-0.329	0.490
8:	-0.001	0.171
9:	0.469	0.571
10:	0.244	0.467

X CENTROID: 0.295

Y CENTROID: -0.075

POA TO CENTROID: 0.304

HORZ SPREAD: 1.888

VERT SPREAD: 1.568

GROUP SPREAD: 2.006

MIN RADIUS: 0.385

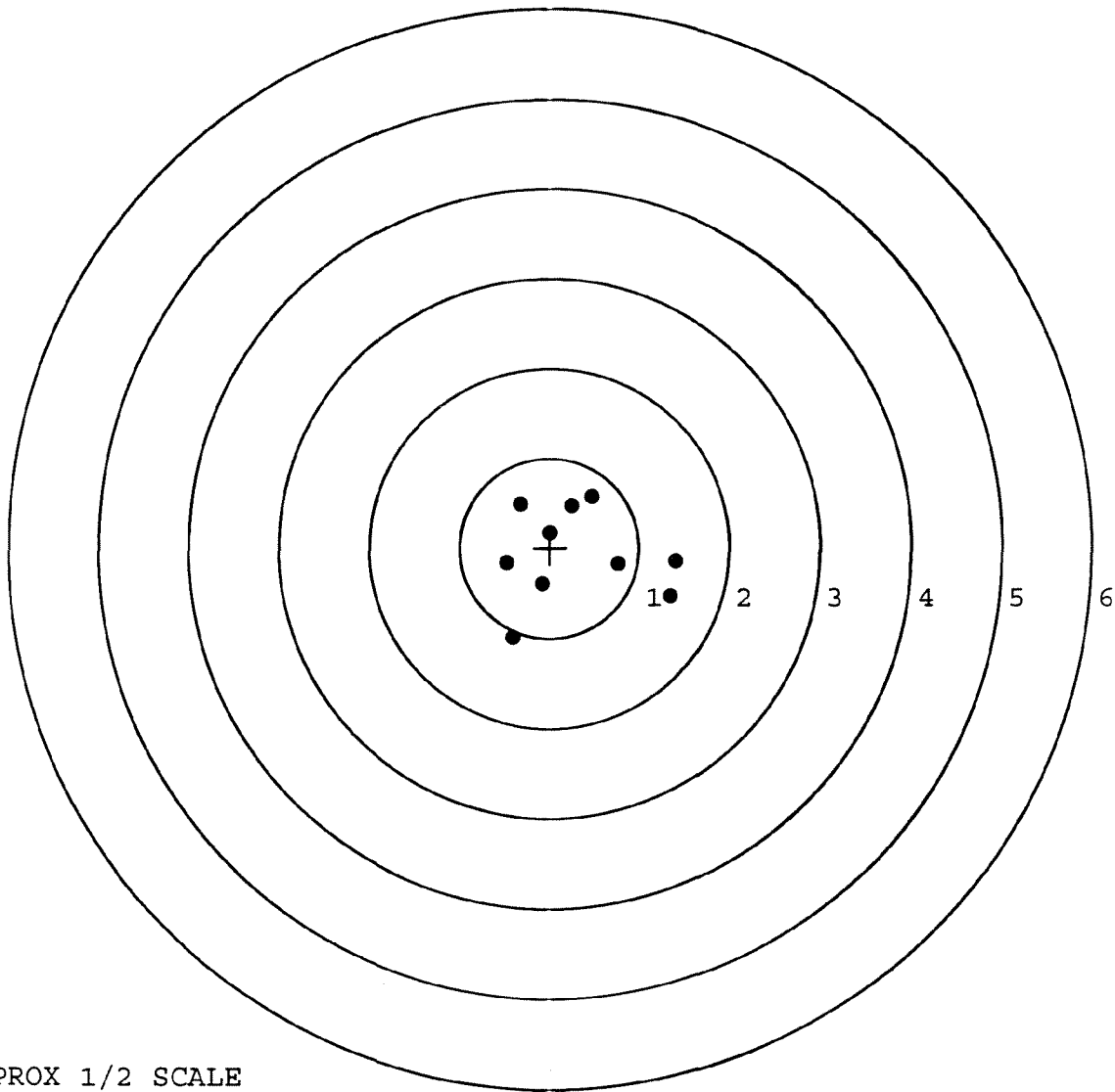
MAX RADIUS: 1.159

MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0006129

SERIAL NUMBER: C6523327. 0

TARGET NUMBER: 3

FILE DATE: 02/14/2008

FILE TIME: 13:04

X CENTROID: 0.088

Y CENTROID: -0.056

POA TO CENTROID: 0.104

HORZ SPREAD: 1.784

VERT SPREAD: 2.151

GROUP SPREAD: 2.188

MIN RADIUS: 0.102

MAX RADIUS: 1.446

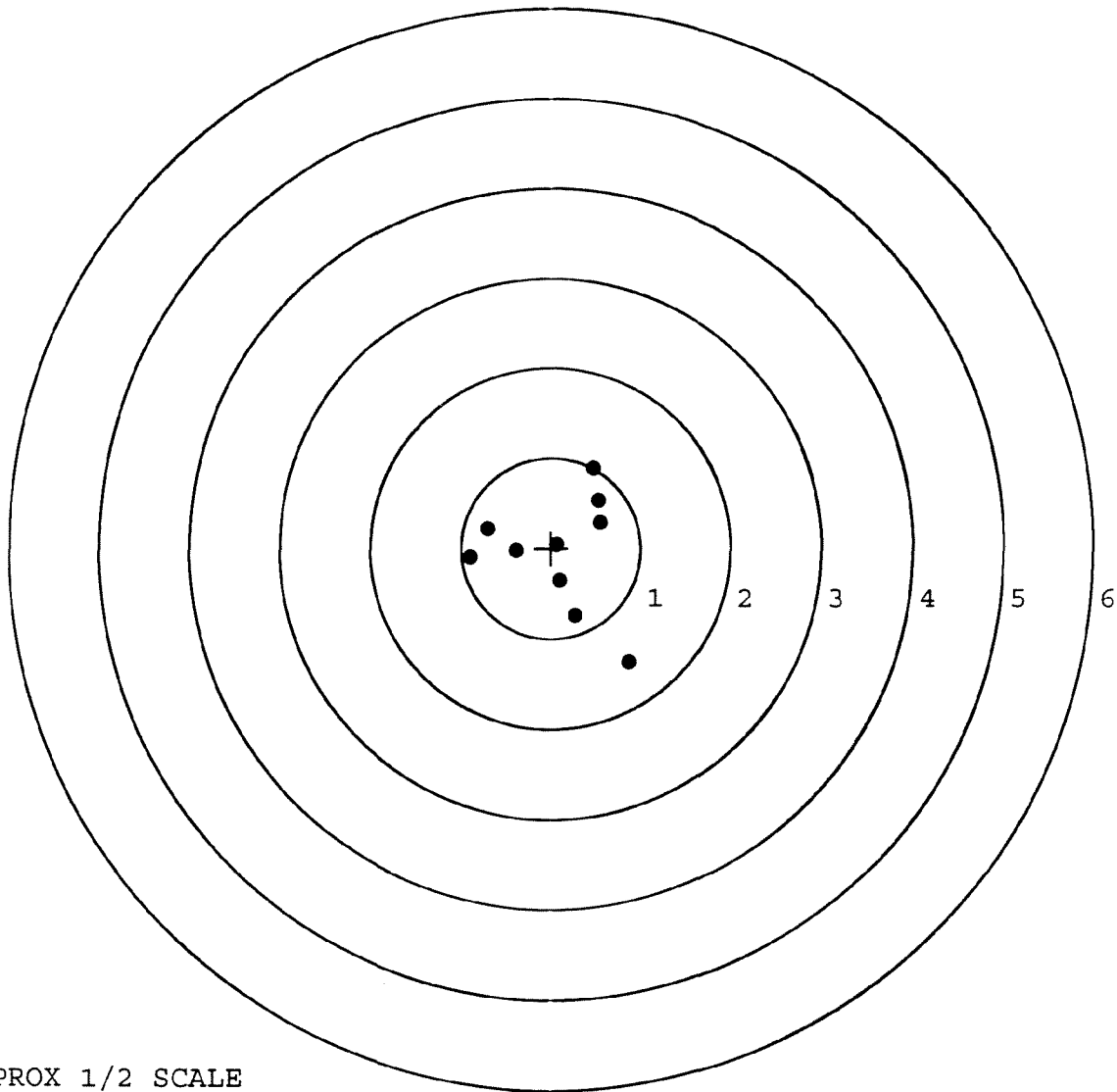
MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.478	0.885
2:	0.548	0.284
3:	-0.710	0.214
4:	-0.904	-0.102
5:	-0.389	-0.032
6:	0.061	0.043
7:	0.101	-0.363
8:	0.279	-0.751
9:	0.880	-1.266
10:	0.533	0.530



TARGET APPROX 1/2 SCALE

BARBER - M24 0006130

SERIAL NUMBER: C6523327. __0

TARGET NUMBER: 4

FILE DATE: 02/14/2008

FILE TIME: 13:04

X CENTROID: -0.012

Y CENTROID: 0.096

POA TO CENTROID: 0.097

HORZ SPREAD: 1.775

VERT SPREAD: 1.015

GROUP SPREAD: 1.838

MIN RADIUS: 0.105

MAX RADIUS: 1.067

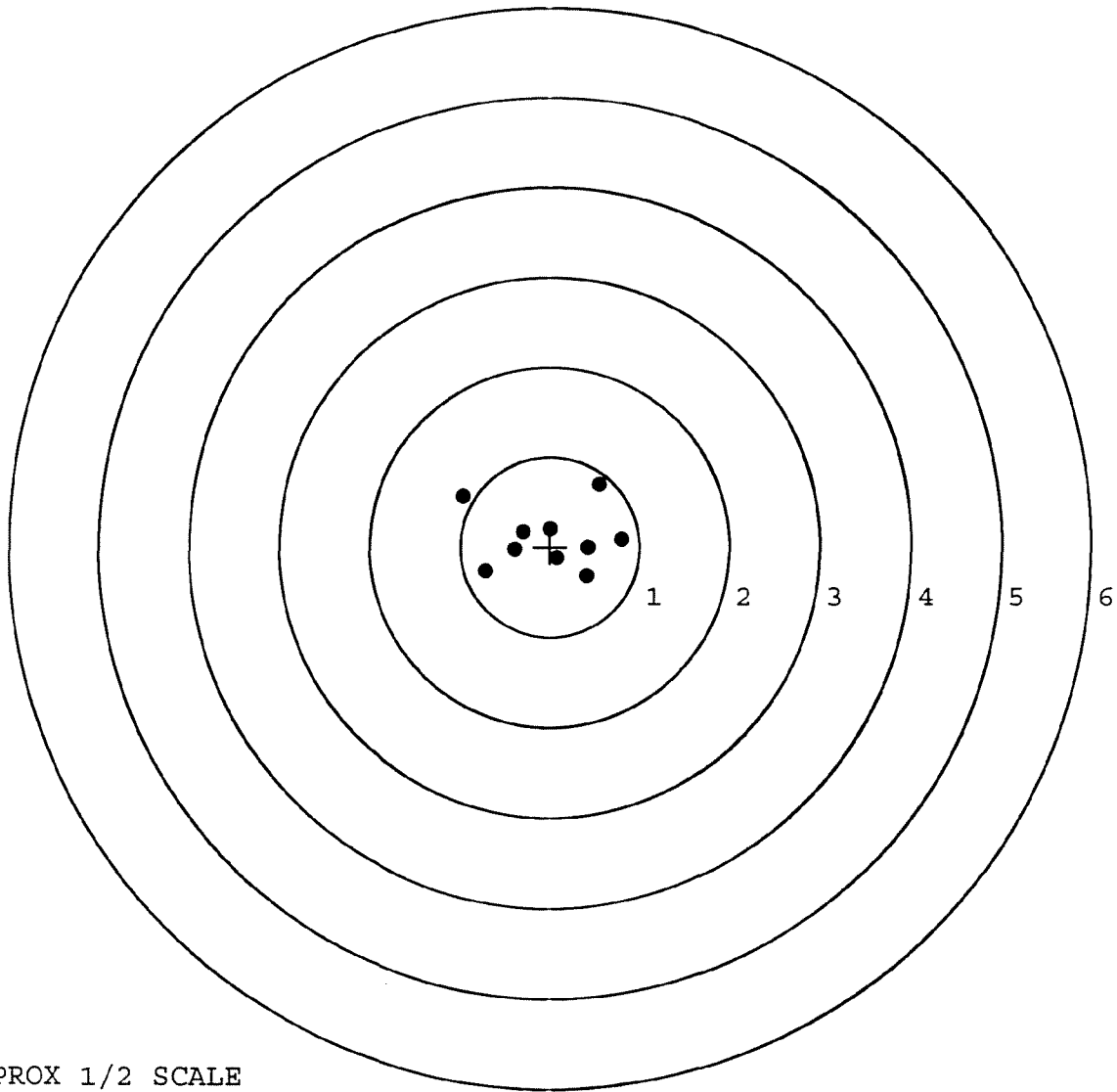
MEAN RADIUS: 0.559

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.551	0.690
2:	0.804	0.086
3:	0.419	-0.325
4:	0.424	-0.011
5:	0.076	-0.120
6:	-0.003	0.201
7:	-0.306	0.171
8:	-0.397	-0.028
9:	-0.716	-0.268
10:	-0.971	0.563



TARGET APPROX 1/2 SCALE

BARBER - M24 0006131

SERIAL NUMBER: C6523327. 0

TARGET NUMBER: 5

FILE DATE: 02/14/2008

FILE TIME: 13:04

POINT#	X	Y
1:	1.086	-0.561
2:	0.662	0.148
3:	0.770	-0.097
4:	0.425	-0.202
5:	0.153	-0.485
6:	-0.275	-0.153
7:	-0.613	0.173
8:	-0.862	0.757
9:	-0.482	0.599
10:	0.763	0.650

X CENTROID: 0.163

Y CENTROID: 0.083

POA TO CENTROID: 0.183

HORZ SPREAD: 1.948

VERT SPREAD: 1.318

GROUP SPREAD: 2.352

MIN RADIUS: 0.387

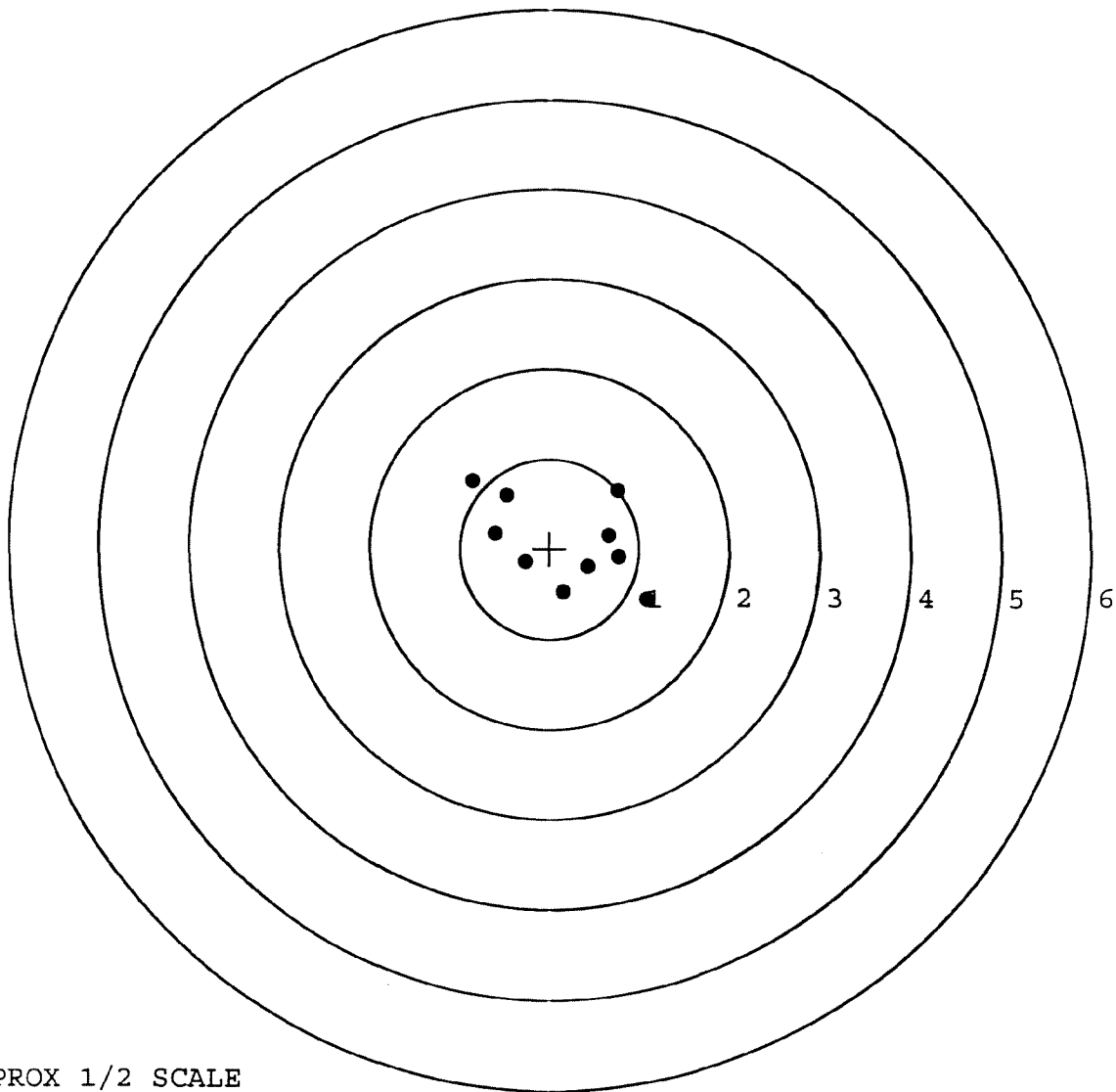
MAX RADIUS: 1.227

MEAN RADIUS: 0.737

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Service **BARBER - M24 0006132**

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

Repair Inquiry

Repair Number: **RE00092852** Serial: **C6523327** Model: **M24 SWS** Center Fire Caliber: **7.62 NATO** Produced: **12/18/1990** Repairman: Status: **Closed 2/10/2005 11:38:10 AM**

Verify Repair: **[REDACTED]**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: **[REDACTED]** **[REDACTED]**

Address 2: **[REDACTED]** PO Box: **[REDACTED]** **[REDACTED]** PO Box: **[REDACTED]**

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **[REDACTED]** Fax: **[REDACTED]** Email: **[REDACTED]** Comments: **[REDACTED]**

Received Condition: Good Condition Notes: **[REDACTED]** CSP Notes: **[REDACTED]**

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

negl 2/14/2005 9:21 AM CAPS INUM INS SCPL

start 5 2 4 Arms Service

Serial Number: **C6523327**

Model: **M24 SWS**



RE00092852

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523327.___0

FILE DATE AND TIME: 06/20/2005 09:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.157
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	0.841
The Distance from POA to Centroid Target #1:	0.063
The Distance from Centroid Target #2 to Centroid Target #1:	0.529
The Distance from Centroid Target #3 to Centroid Target #1:	0.266
The Distance from Centroid Target #4 to Centroid Target #1:	0.232
The Distance from Centroid Target #5 to Centroid Target #1:	0.120

BARBER - M24 0006134

SERIAL NUMBER: C6523327. __0

TARGET NUMBER: 1

FILE DATE: 06/20/2005

FILE TIME: 09:08

POINT#	X	Y
1:	0.560	-1.002
2:	0.635	-0.827
3:	0.401	-0.585
4:	0.068	-0.651
5:	-0.828	-0.529
6:	0.378	-0.101
7:	0.188	0.141
8:	0.112	1.546
9:	-0.647	0.787
10:	-1.474	1.047

X CENTROID: -0.061

Y CENTROID: -0.017

POA TO CENTROID: 0.063

HORZ SPREAD: 2.109

VERT SPREAD: 2.548

GROUP SPREAD: 2.887

MIN RADIUS: 0.295

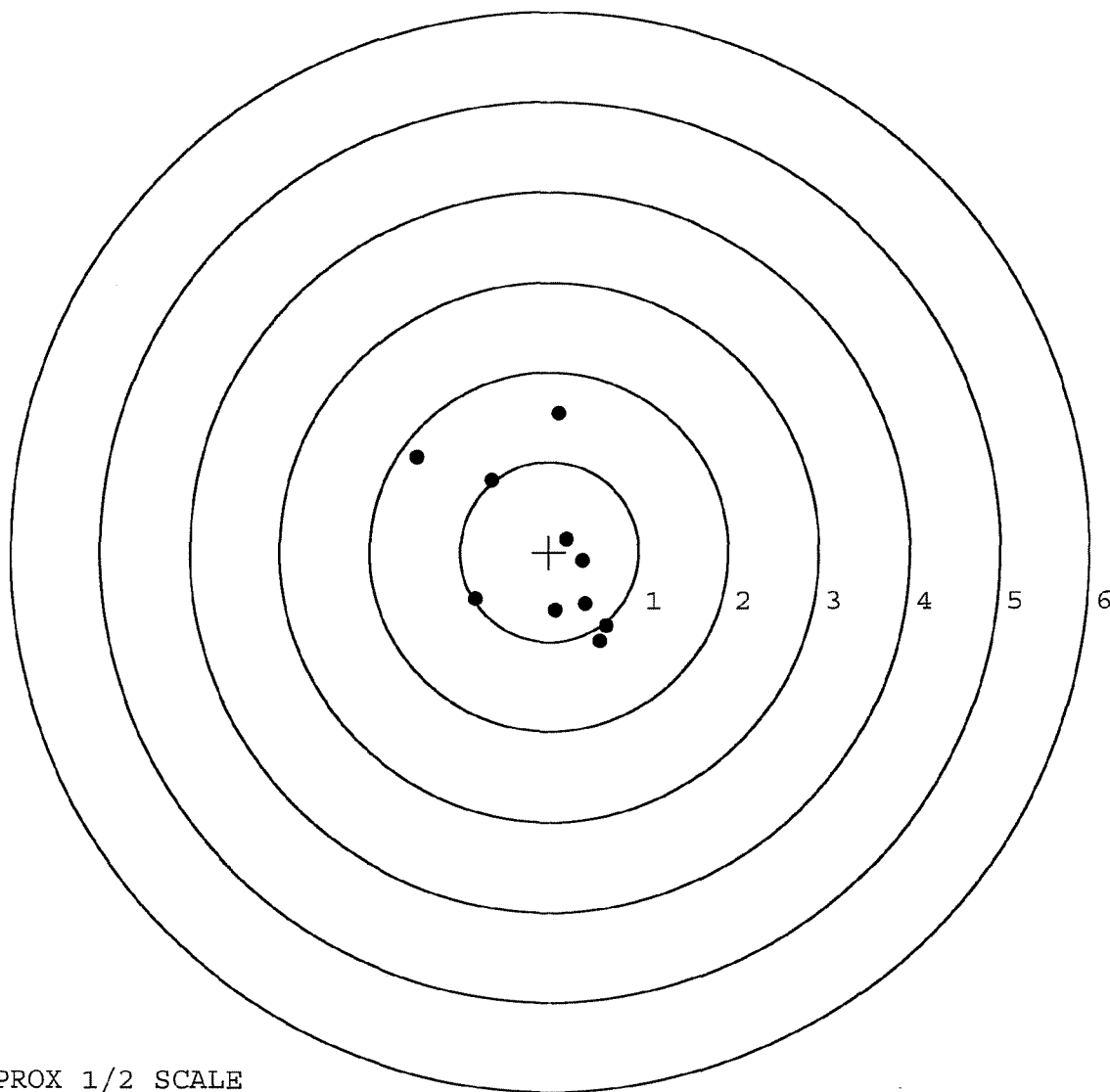
MAX RADIUS: 1.769

MEAN RADIUS: 0.961

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0006135

SERIAL NUMBER: C6523327. __ 0

TARGET NUMBER: 2

FILE DATE: 06/20/2005

FILE TIME: 09:08

POINT#	X	Y
1:	1.352	-0.270
2:	0.734	-0.328
3:	0.102	-0.249
4:	-0.056	-0.595
5:	-0.629	-1.133
6:	-0.402	-0.332
7:	-0.281	0.033
8:	-0.423	0.477
9:	-0.989	-0.124
10:	2.111	-2.498

X CENTROID: 0.152

Y CENTROID: -0.502

POA TO CENTROID: 0.524

HORZ SPREAD: 3.100

VERT SPREAD: 2.975

GROUP SPREAD: 3.908

MIN RADIUS: 0.228

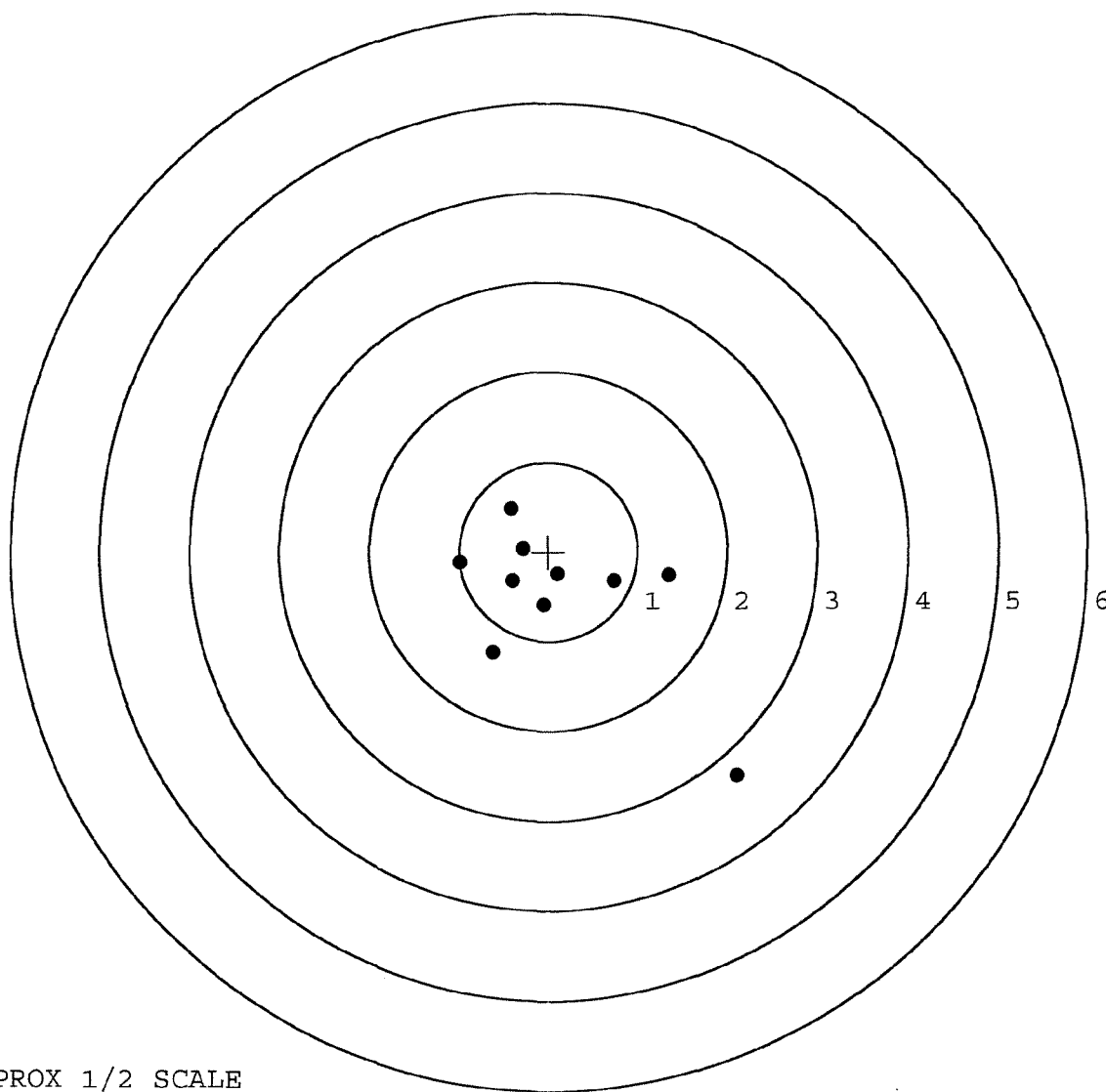
MAX RADIUS: 2.797

MEAN RADIUS: 0.972

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0006136

SERIAL NUMBER: C6523327. __0

TARGET NUMBER: 3

FILE DATE: 06/20/2005

FILE TIME: 09:08

POINT#	X	Y
1:	1.455	-0.345
2:	0.927	0.035
3:	0.502	0.658
4:	0.046	1.139
5:	-0.412	0.827
6:	-0.748	0.434
7:	0.274	-0.257
8:	0.181	-0.384
9:	-0.039	-0.505
10:	-0.394	-0.623

X CENTROID: 0.179

Y CENTROID: 0.098

POA TO CENTROID: 0.204

HORZ SPREAD: 2.203

VERT SPREAD: 1.762

GROUP SPREAD: 2.337

MIN RADIUS: 0.367

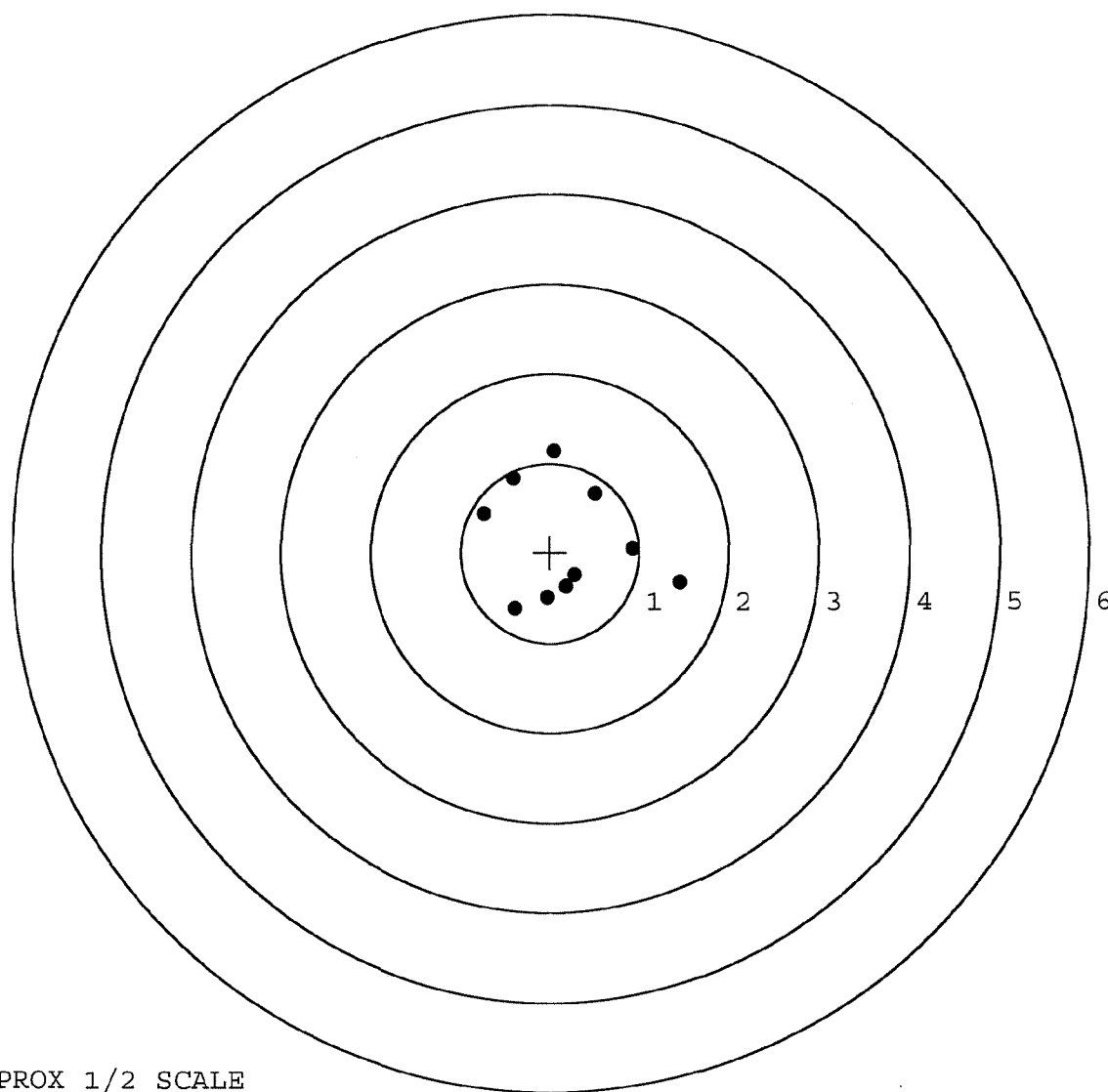
MAX RADIUS: 1.350

MEAN RADIUS: 0.813

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



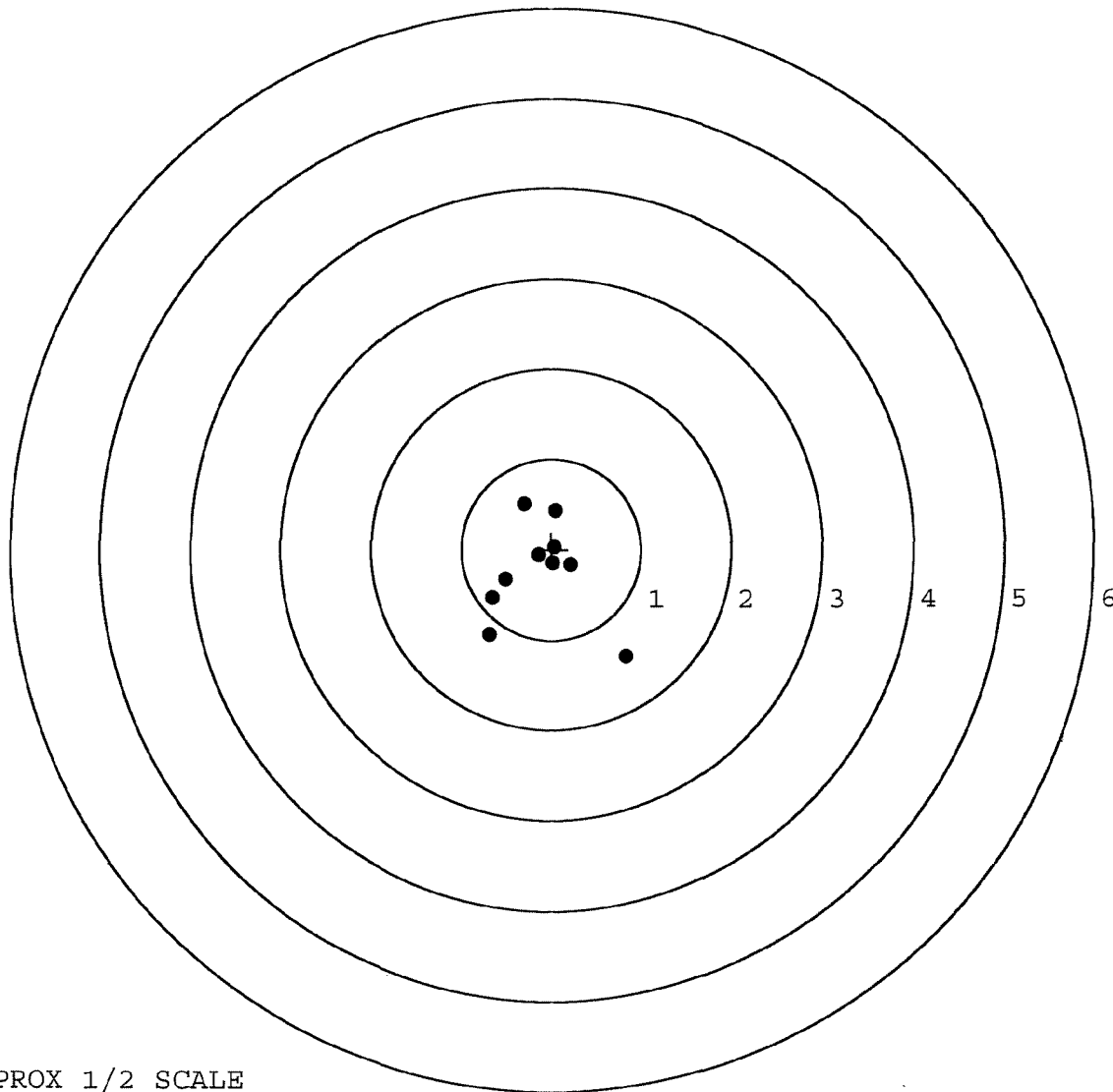
TARGET APPROX 1/2 SCALE

BARBER - M24 0006137

SERIAL NUMBER: C6523327. __0
 TARGET NUMBER: 4
 FILE DATE: 06/20/2005
 FILE TIME: 09:08

POINT#	X	Y
1:	-0.695	-0.943
2:	-0.662	-0.537
3:	-0.514	-0.328
4:	0.830	-1.190
5:	-0.312	0.502
6:	0.041	0.428
7:	-0.144	-0.063
8:	0.015	-0.151
9:	0.215	-0.169
10:	0.037	0.031

X CENTROID: -0.119
 Y CENTROID: -0.242
 POA TO CENTROID: 0.270
 HORZ SPREAD: 1.525
 VERT SPREAD: 1.692
 GROUP SPREAD: 2.041
 MIN RADIUS: 0.162
 MAX RADIUS: 1.341
 MEAN RADIUS: 0.573
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0006138

SERIAL NUMBER: C6523327. 0

TARGET NUMBER: 5

FILE DATE: 06/20/2005

FILE TIME: 09:08

POINT#	X	Y
1:	0.634	-1.146
2:	0.393	-0.903
3:	0.724	-0.273
4:	0.262	-0.198
5:	-1.646	-1.117
6:	0.097	0.628
7:	-0.465	1.191
8:	-0.600	0.273
9:	-0.500	0.050
10:	-0.102	0.285

X-CENTROID: -0.120

Y-CENTROID: -0.121

POA TO CENTROID: 0.171

HORZ SPREAD: 2.370

VERT SPREAD: 2.337

GROUP SPREAD: 2.593

MIN RADIUS: 0.390

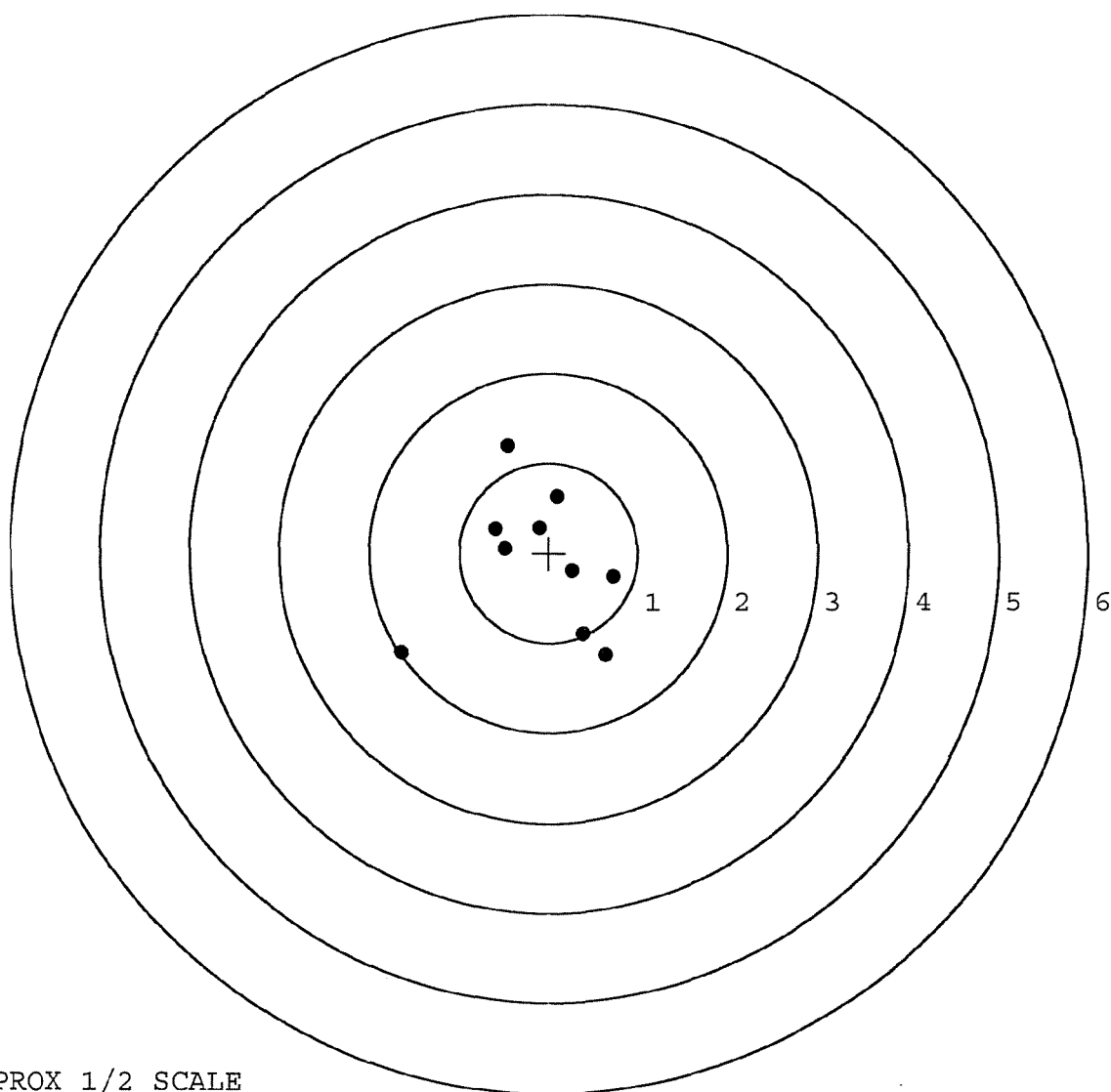
MAX RADIUS: 1.822

MEAN RADIUS: 0.886

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
 CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92852				
SERIAL NUMBER	06523327				
LOG-IN DATE	2-10-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN				
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE	6-21-05	AC		
D	SAFETY "OFF" FORCE	6-21-05	AC		
E	FIRING PIN INDENT	6-21-05	AC		
640	TARGET	6-20-05	TRW		
655	FINAL INSPECT	6-21-05	AC		
660	PACK	7-11-05	RAA		
		SHIP DATE			
		QAR INSPECTION DATE			

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

Remington®

MODEL 700™ M24

RES. U.S. PAT. & TM. OFF.

DUPONT

SERIAL NO.
C6523327

ORDER NO.
5716

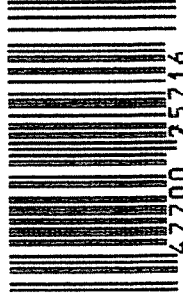
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6523327

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523327

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	L.S.
617	Drill and Tap Sight Holes		9/28/90	WB
618	Polish Barrel RWB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	JA
	Apply Coating (Bolt)		10-5-90	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10-10-90	JA

op. #	BARBER - M24 0006142 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/11/90	WLB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			10/11/90	WLB
	H) Trigger Pull Test & Retainability						10-10-90	YH
	I) Firing Pin Indent	.023	.023	.023			10/11/90	WLB
	J) Assemble Stock						10/11/90	RW
	K) Assemble Swivel Studs						11/19/90	JS
	L) Attach Front and Rear Sight Assemblies						10/11/90	RW
	M) Iron Sight Alignment						10/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/11/90	RW
	O) Attach Scope to Rifle						10/11/90	RW
	P) Detach & Attach Scope 20 Times						10/11/90	RW
640	Gallery Target & Test						10/15/90	AF
	A) Time						10/15/90	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10/15/90	AF
655	Final Inspection						11/19/90	JS
	A) Headspace						11/19/90	JS
	B) Trigger Pull	2.28	2.57	2.51	2.51	2.44	11/19/90	JS
	C) Function						11/19/90	JS
660	Pack						10-18-90	DH

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector Hole Polish Ejector	10
TEST		30
TGT		90 Ru
PROOF	11-19 100 P.L. check D/H	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. M24 GA. 308 GUN #C6523327
 CAL. 308

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
VF	1st	Ejector Hangs Up Brass in Ejector Note	RW
	10/15		
	2nd		
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523327

DATE 10- - 90

TESTER gji

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.41	2.26	228	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.47	2.40	257	
PULL #3	2.42	2.50	2.20	251	
PULL #4	2.36	2.43	2.25	251	
PULL #5	2.37	2.21	2.25	244	
TOTAL	13.47	12.02	11.36		
AVG.	2.794	2.404	2.272		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.27		
PULL #2	3.25	3.30		
PULL #3	3.28	3.32		
PULL #4	3.24	3.30		
PULL #5	3.30	3.18		
TOTAL	16.41	16.37		
AVG.	3.282	3.274		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.30		4.21
PULL #2	4.18	4.22		4.25
PULL #3	4.18	4.27		4.09
PULL #4	4.28	4.24		4.24
PULL #5	4.20	4.21		4.20
TOTAL	21.09	21.24		20.99
AVG.	4.218	4.248		4.198

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523327
16 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.225282
1 TO	2	.168003
1 TO	3	.195133
1 TO	4	.300167
1 TO	5	.142274

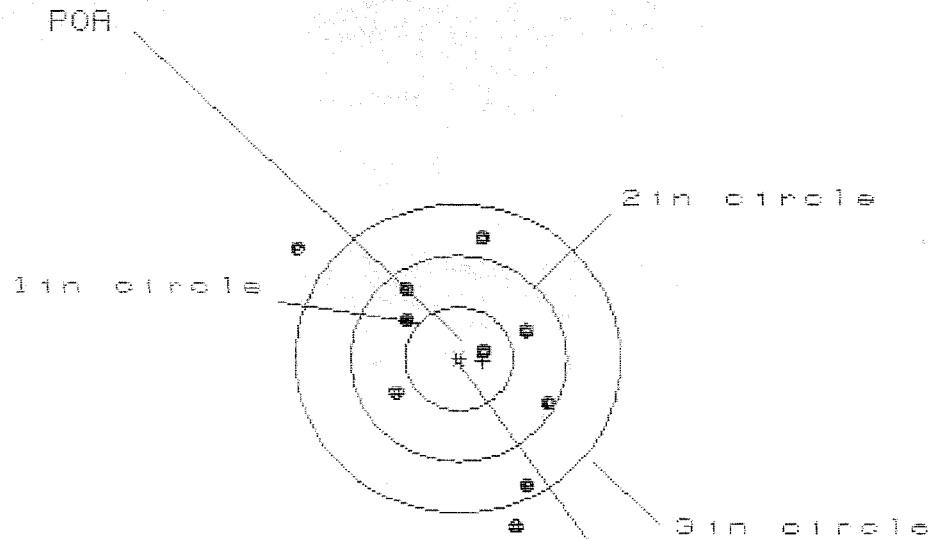
³
24 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .189207
THE AMR FOR THIS RIFLE IS: .9486

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523327

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.320

VS= 2.877

GS= 3.408

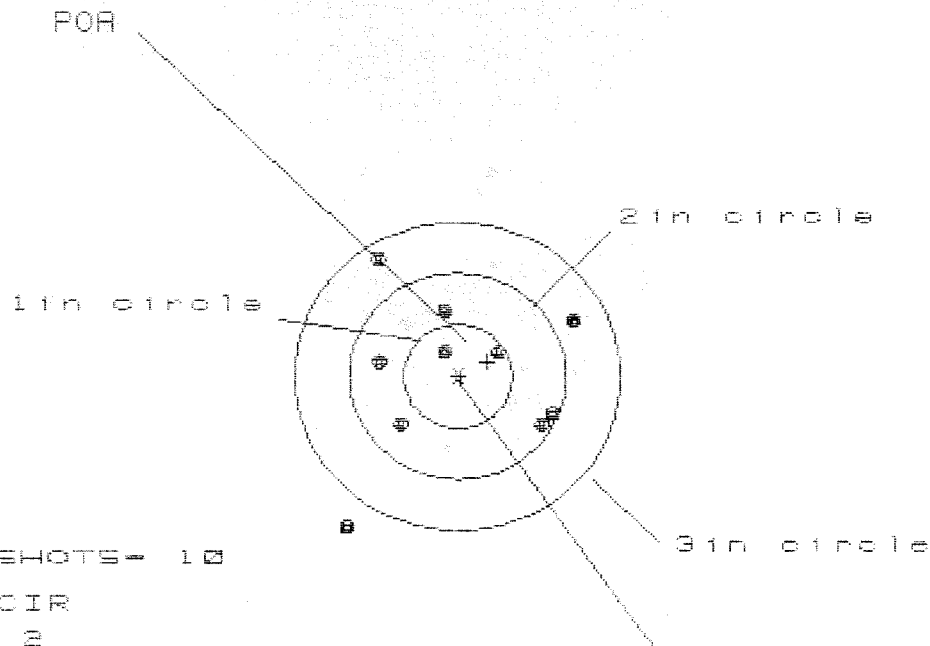
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.830	.664	.706
MINIMUM X	-1.490	-.784	-.742
MAXIMUM Y	1.211	1.333	1.141
MINIMUM Y	-1.666	-1.544	-1.270
CENTROID X	-.224	-.058	-.100
CENTROID Y	.024	-.098	.095
POA TO CENTROID in.	.225	.114	.138
MIN RADIUS	.238	.236	.096
MEAN RADIUS	1.026	.931	.811
MAX RADIUS	1.852	1.580	1.383
HORIZONTAL SPREAD	2.320	1.448	1.448
VERTICAL SPREAD	2.877	2.877	2.411
EXTREME SPREAD	3.408	2.888	2.448
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

16 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523327

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.068

VS = 2.629

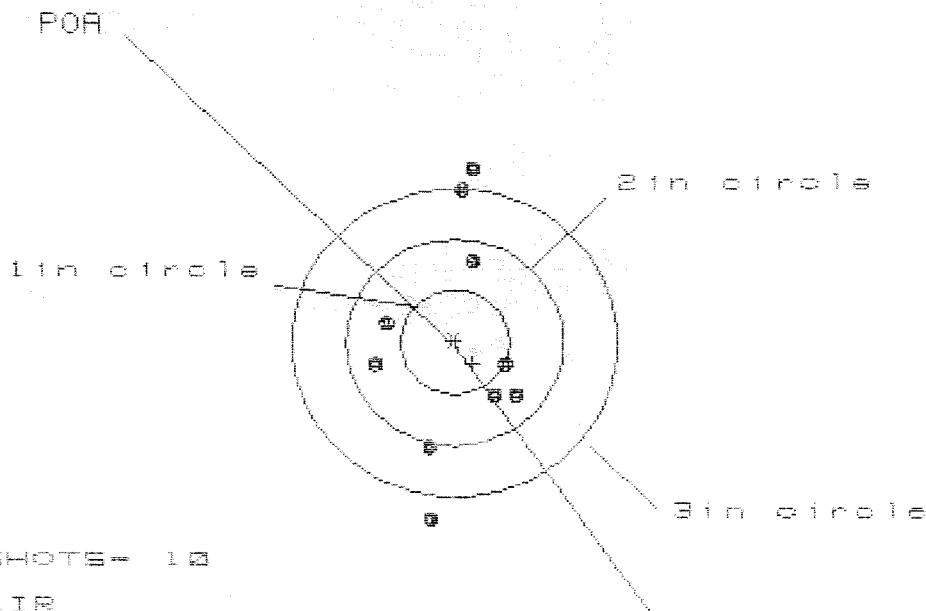
GS = 2.869

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.074	.963	.859
MINIMUM X	-.994	-.860	-.964
MAXIMUM Y	1.167	1.004	.621
MINIMUM Y	-1.462	-.666	-.540
CENTROID X	-.272	-.161	-.057
CENTROID Y	-.137	.026	-.100
POA TO CENTROID in.	.304	.163	.115
MIN RADIUS	.226	.224	.244
MEAN RADIUS	.907	.787	.720
MAX RADIUS	1.768	1.303	.989
HORIZONTAL SPREAD	2.068	1.823	1.923
VERTICAL SPREAD	2.629	1.670	1.161
EXTREME SPREAD	2.869	2.271	1.876
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06529327

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 1.306

VS= 3.386

GS= 3.405

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.555	.573	.549
MINIMUM X	-.751	-.733	-.757
MAXIMUM Y	1.711	1.707	1.522
MINIMUM Y	-1.675	-1.485	-1.022
CENTROID X	-.165	-.183	-.160
CENTROID Y	.210	.020	.205
POA TO CENTROID in.	.267	.184	.260
MIN RADIUS	.509	.472	.502
MEAN RADIUS	1.005	.897	.829
MAX RADIUS	1.719	1.710	1.524
HORIZONTAL SPREAD	1.306	1.306	1.306
VERTICAL SPREAD	3.386	3.192	2.544
EXTREME SPREAD	3.405	3.204	2.559
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523327

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.821

VS= 2.527

GS= 2.688

CENTROID #

PATTERN #

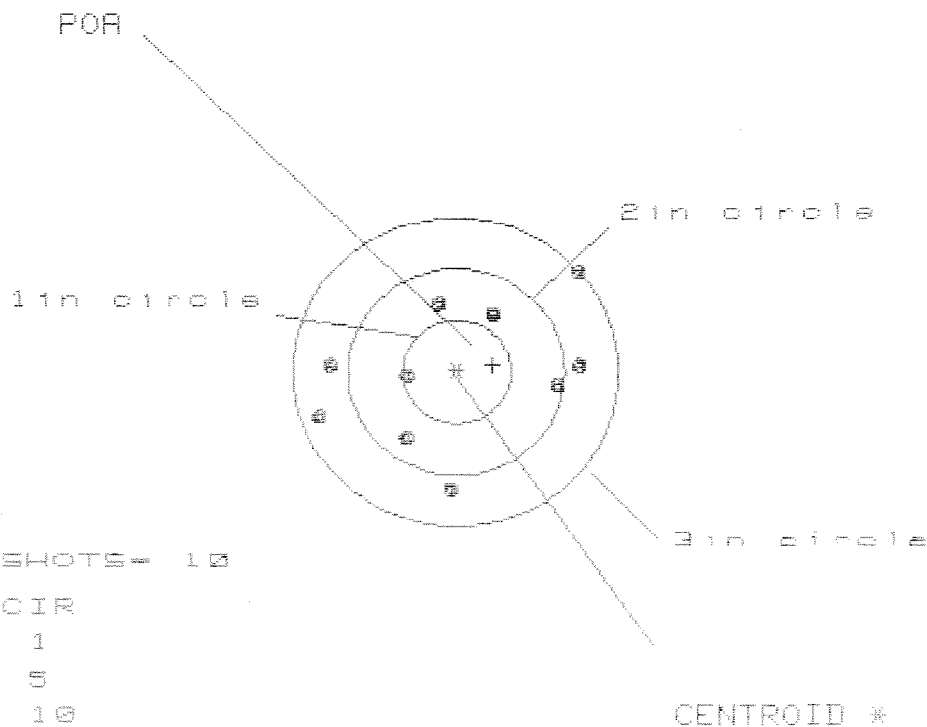
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.852	.788	.756
MINIMUM X	-.969	-1.033	-1.065
MAXIMUM Y	1.172	1.032	.846
MINIMUM Y	-1.355	-1.495	-.727
CENTROID X	.052	.116	.148
CENTROID Y	-.094	.046	.232
POA TO CENTROID in.	.107	.125	.275
MIN RADIUS	.127	.116	.110
MEAN RADIUS	.837	.734	.631
MAX RADIUS	1.382	1.516	1.099
HORIZONTAL SPREAD	1.821	1.821	1.821
VERTICAL SPREAD	2.527	2.527	1.573
EXTREME SPREAD	2.688	2.636	1.914
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523327

CENTERFIRE PATTERNS # 5



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	1.280	1.135
MINIMUM X	-1.282	-1.161	-1.190
MAXIMUM Y	.950	.761	.714
MINIMUM Y	-1.134	-1.028	-1.075
CENTROID X	-.335	-.456	-.311
CENTROID Y	-.065	-.171	-.124
POA TO CENTROID in.	.341	.487	.335
MIN RADIUS	.435	.308	.453
MEAN RADIUS	.568	.898	.860
MAX RADIUS	1.448	1.294	1.199
HORIZONTAL SPREAD	2.441	2.441	2.325
VERTICAL SPREAD	2.084	1.789	1.789
EXTREME SPREAD	2.771	2.505	2.325
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

RECEIVING AND ESTIMATING REPORT

BARBER M24 0006152

COMMENTS

ORDER

R 94-18210

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 89-0687

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6523327 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

CUST NO: 098397 C.D.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	PROM. DATE	ESTIMATED	VIA
				FRT
GUN CONDITION		REPAIR CHARGE		
☐ NEW ☐ LIGHTLY WORN ☐ WORN ☐ VERY WORN ☐ UNREPAIRABLE ☐ MARRED		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

ARTS COMMENTS

✓ Barrel \$643.45
 ✓ Stock 471.11
 Trigger Assy 173.31
 Firing pin Assy 9.96
 Mag Spring 1.70
 C.T.I. 50.00
 \$1349.50

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			WB	WB	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			2/29/96	2/29/96	

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0006152

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

SERIAL NO. C6523327DATE 11-15-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.76	2.83	2.66		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.87	2.77		
PULL #3	2.59	2.90	2.78		
PULL #4	2.79	2.91	2.74		
PULL #5	2.80	2.89	2.78		
TOTAL	13.55	14.40	13.78		
AVG.	2.71	2.88	2.74		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.01		
PULL #2	3.14	3.08		
PULL #3	3.05	3.20		
PULL #4	3.10	3.04		
PULL #5	3.05	3.07		
TOTAL	15.41	15.40		
AVG.	3.08	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.10
PULL #2	4.25	4.27		4.22
PULL #3	4.20	4.27		4.00
PULL #4	4.00	4.00		4.00
PULL #5	4.00	4.26		4.15
TOTAL	20.50	20.80		20.47
AVG.	4.10	4.16		4.09

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C65 23327

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

op. #	BARBER - M24 0006155 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			3/7	AC
	G) Safety Off Force	3 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.0235	.023			3/7	AC
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	296	292	260	259	269	3/1/96	W3
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523327
2 Jan 1988

CENTROIDAL DISTANCES

0 TO	1	.687835
1 TO	2	.393022
1 TO	3	.100344
1 TO	4	.315634
1 TO	5	.225897


 + <----POA

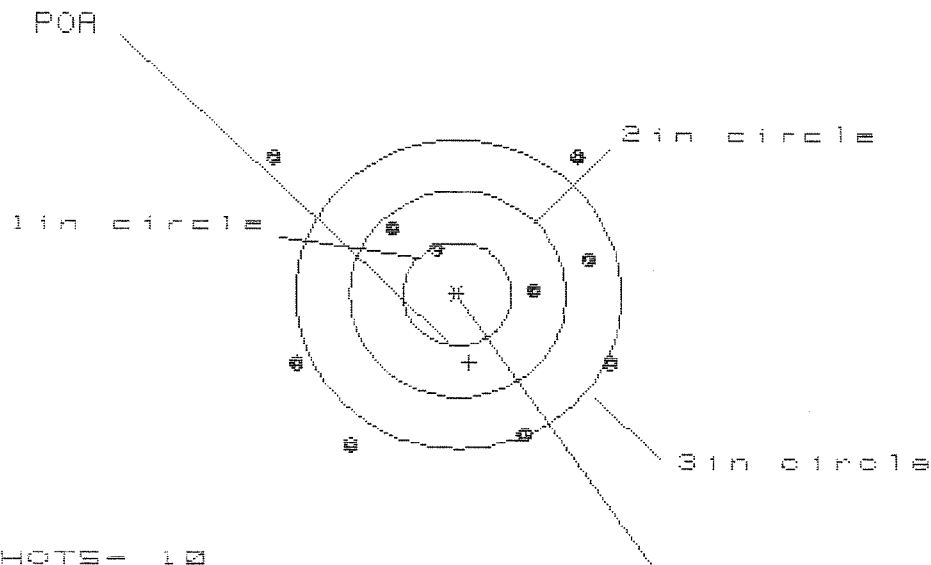
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0084
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8108
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .815285

THE AMR FOR THIS RIFLE IS: 1.111

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6523327.1

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

HS = 2.069

VS = 2.881

GS = 3.684

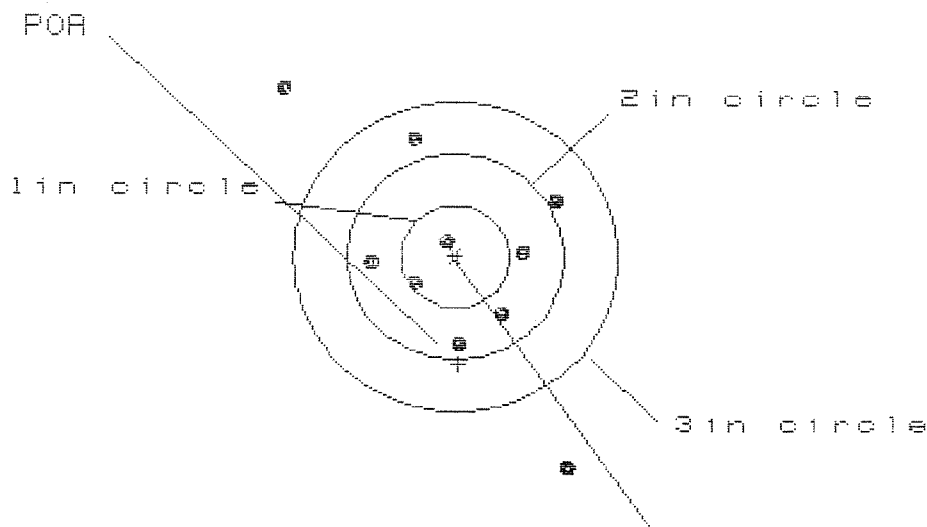
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.421	1.238	1.085
MINIMUM X	-1.648	-1.664	-1.817
MAXIMUM Y	1.388	1.538	1.370
MINIMUM Y	-1.493	-1.343	-1.386
CENTROID X	-.102	.081	.234
CENTROID Y	.660	.510	.678
POR TO CENTROID in.	.668	.516	.717
MIN RADIUS	.511	.529	.348
MEAN RADIUS	1.373	1.275	1.163
MAX RADIUS	2.134	1.817	1.931
HORIZONTAL SPREAD	3.069	2.902	2.902
VERTICAL SPREAD	2.881	2.881	2.756
EXTREME SPREAD	3.684	3.582	3.270
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6523327.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.617

VS= 3.628

GS= 4.473

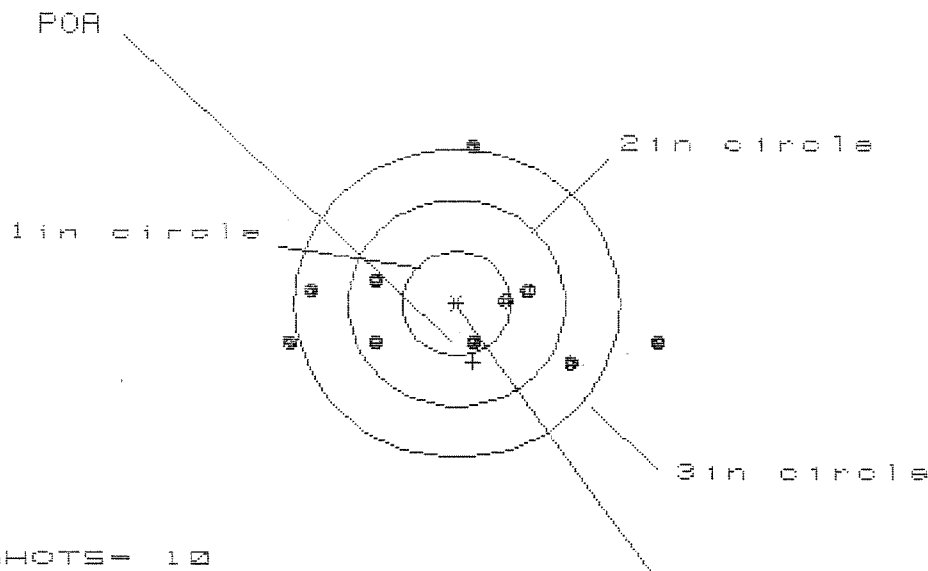
CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.037	.862	.901
MINIMUM X	-1.580	-.918	-.811
MAXIMUM Y	1.621	1.374	1.145
MINIMUM Y	-2.007	-1.827	-.889
CENTROID X	-.023	.152	.045
CENTROID Y	1.045	.865	1.093
POA TO CENTROID in.	1.045	.878	1.094
MIN RADIUS	.212	.438	.206
MEAN RADIUS	1.047	.906	.746
MAX RADIUS	2.263	2.020	1.243
HORIZONTAL SPREAD	2.617	1.780	1.712
VERTICAL SPREAD	3.628	3.201	2.035
EXTREME SPREAD	4.473	3.515	2.090
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

2 Jan 1988

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 3.451

VS= 2.155

GS= 3.452

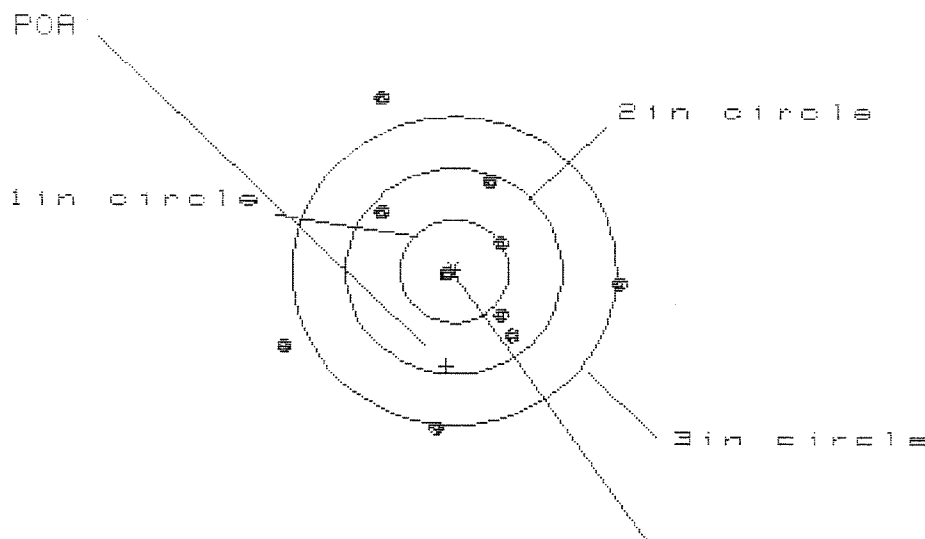
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.889	1.310	1.141
MINIMUM X	-1.562	-1.352	-1.346
MAXIMUM Y	1.542	1.498	1.450
MINIMUM Y	-.613	-.657	-.785
CENTROID X	-.152	-.362	-.193
CENTROID Y	.573	.617	.665
POA TO CENTROID in.	.593	.715	.692
MIN RADIUS	.356	.511	.457
MEAN RADIUS	1.078	.983	.916
MAX RADIUS	1.930	1.549	1.468
HORIZONTAL SPREAD	3.451	2.662	2.487
VERTICAL SPREAD	2.155	2.155	2.155
EXTREME SPREAD	3.452	2.676	2.583
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

2 Jan 1988

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS = 3.055

VS = 3.225

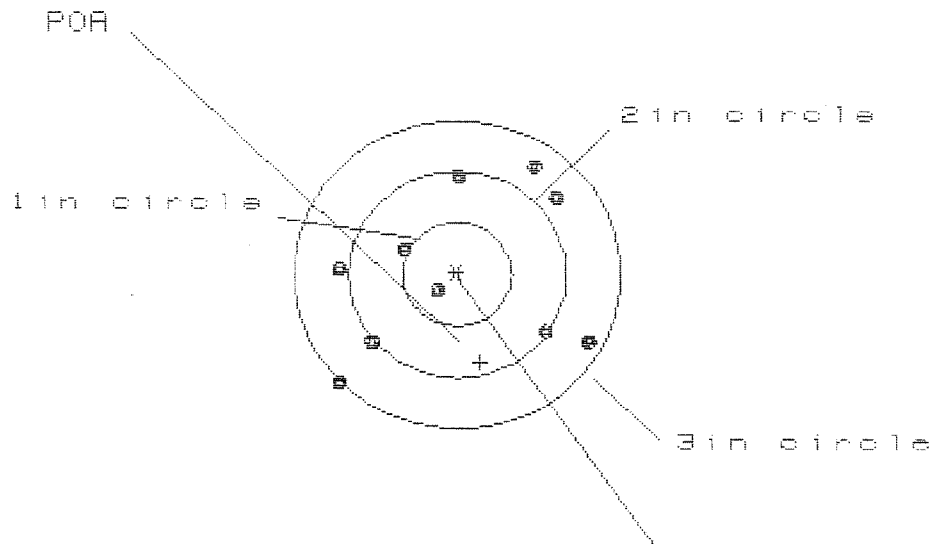
GS = 3.262

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.492	1.422	1.218
MINIMUM X	-1.563	-1.633	-1.968
MAXIMUM Y	1.701	1.072	1.006
MINIMUM Y	-1.524	-1.336	-1.402
CENTROID X	.071	.141	.345
CENTROID Y	.924	.736	.802
POA TO CENTROID in.	.927	.749	.873
MIN RADIUS	.114	.268	.372
MEAN RADIUS	1.047	.958	.833
MAX RADIUS	1.812	1.718	1.462
HORIZONTAL SPREAD	3.055	3.055	2.186
VERTICAL SPREAD	3.225	2.408	2.408
EXTREME SPREAD	3.262	3.112	2.444
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

2 Jan 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.362

VS= 2.030

GS= 2.673

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.229	1.110	.919
MINIMUM X	-1.133	-1.252	-1.113
MAXIMUM Y	1.015	.902	.805
MINIMUM Y	-1.015	-.783	-.852
CENTROID X	-.211	-.092	-.231
CENTROID Y	.852	.965	1.062
POA TO CENTROID in.	.878	.969	1.087
MIN RADIUS	.251	.414	.431
MEAN RADIUS	1.012	.963	.892
MAX RADIUS	1.475	1.358	1.142
HORIZONTAL SPREAD	2.362	2.362	2.032
VERTICAL SPREAD	2.030	1.685	1.657
EXTREME SPREAD	2.673	2.463	2.201
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		