

C6348744

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



Arms Services Repair & Estimate System
BARBER - M24 0062954

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

Repair Inquiry

Repair Number: **RE00123767** Serial: **C6348744** Model **M24 SWS** Center Fire
 Verify Repair Caliber: **308** Repairman: Status: **Closed 1/17/2007 8:11:37 AM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **DEPT OF ARMY COO 2/1 SFG (A)** **DEPT OF ARMY COO 2/1 SFG (A)**
 Address 1: **ATTN SGT SHEPARD DONALD** **ATTN SGT SHEPARD DONALD**
 Address 2: **BOX 339500 MS 78** PO Box: **BOX 339500 MS 78** PO Box:
 City: **FORT LEWIS** **FORT LEWIS**
 State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

Repair Search Refresh Close

nagletj 1/17/2007 9:54 AM CAPS NUM INS SCRL

start 4 Mi... Arms Part 5... R Int... RACD... SAPL... 9:54 AM

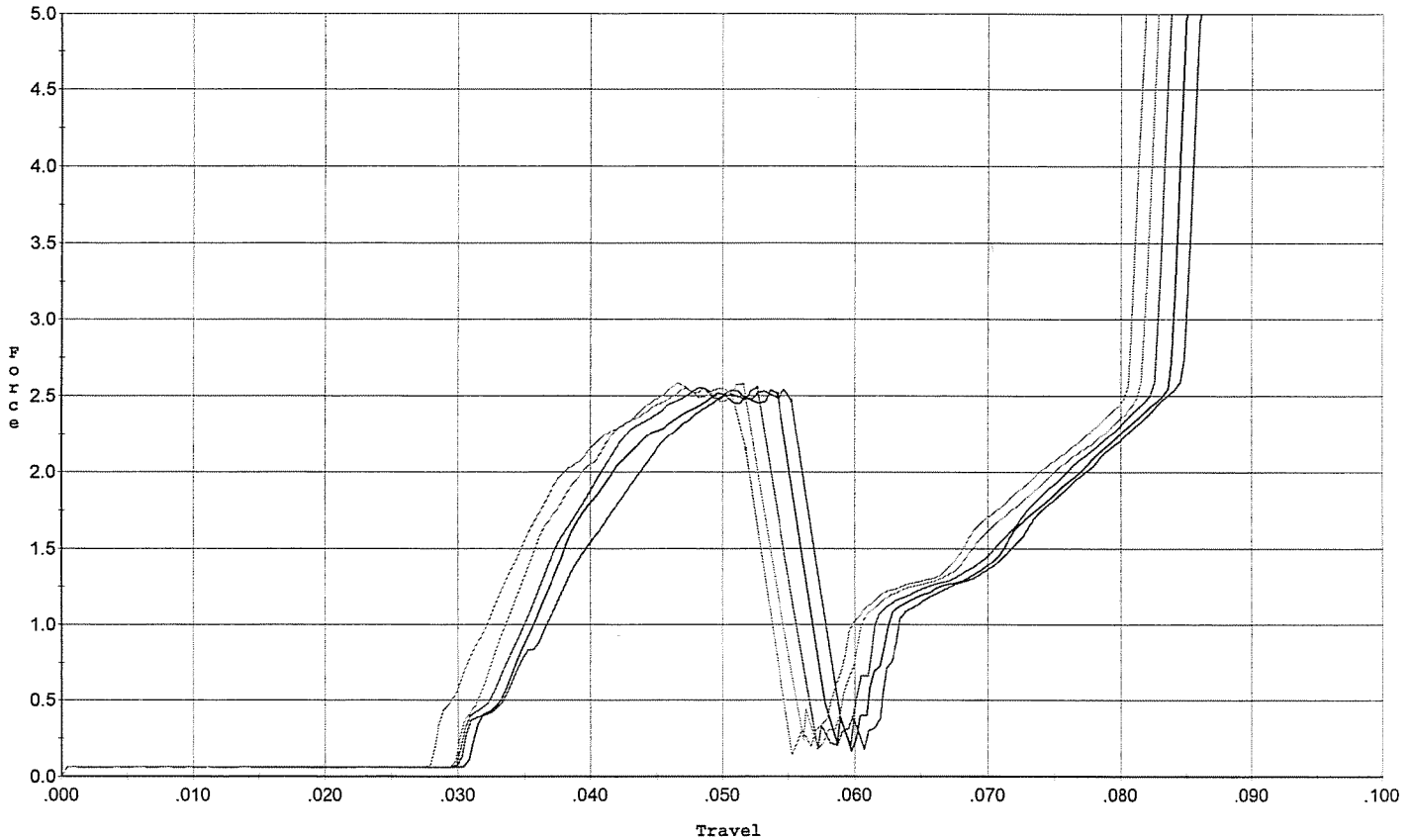
Serial Number: **C6348744**
 Model: **M24 SWS**

RE00123767

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/08/07

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



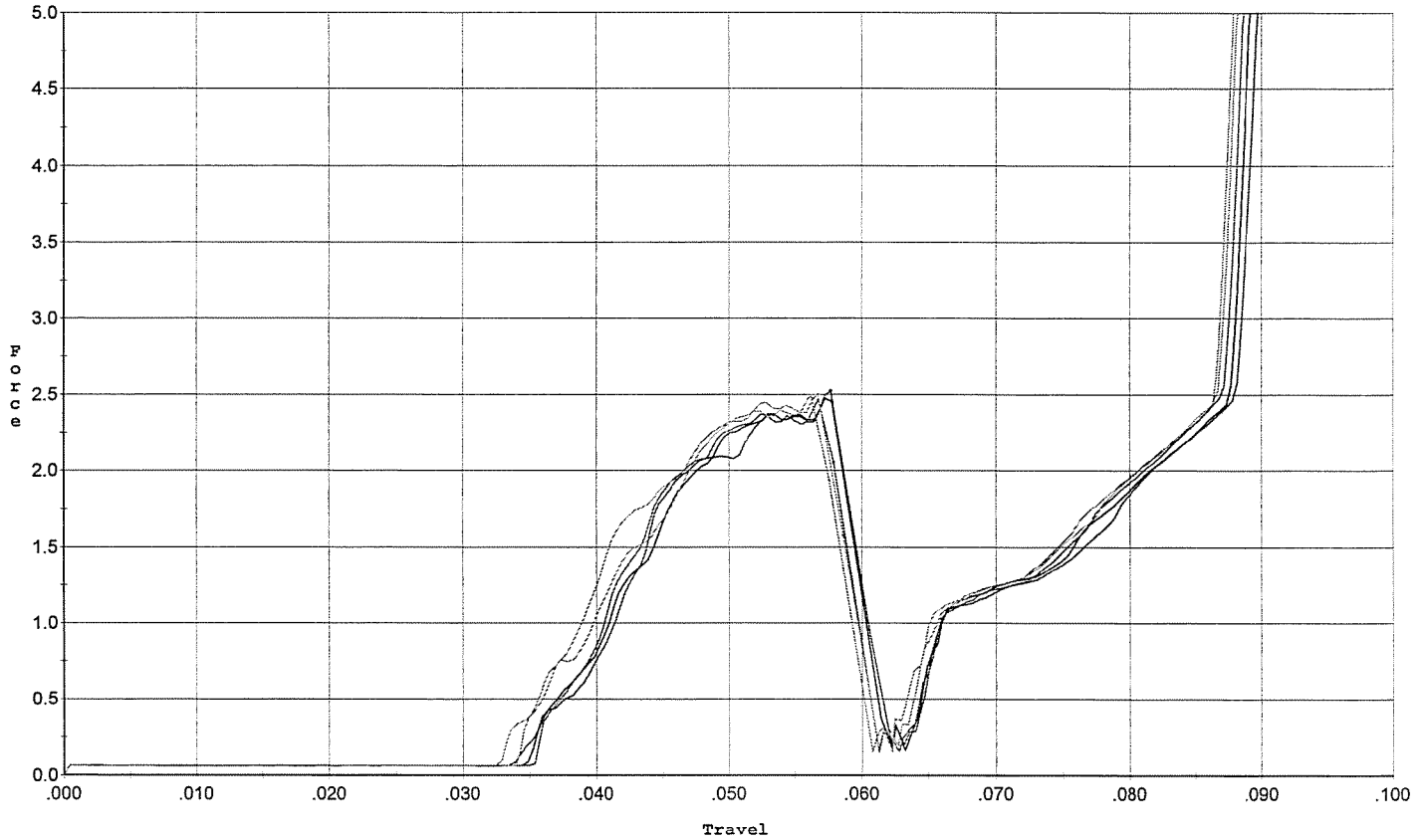
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.543	0.055	0.030	0.036	0.046		Set Trigger
2	2.539	0.054	0.031	0.036	0.046		Set Trigger
3	2.558	0.053	0.030	0.036	0.044		Set Trigger
4	2.577	0.052	0.030	0.035	0.045		Set Trigger
5	2.585	0.052	0.028	0.035	0.047		Set Trigger

Avg 2.56

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/08/07

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



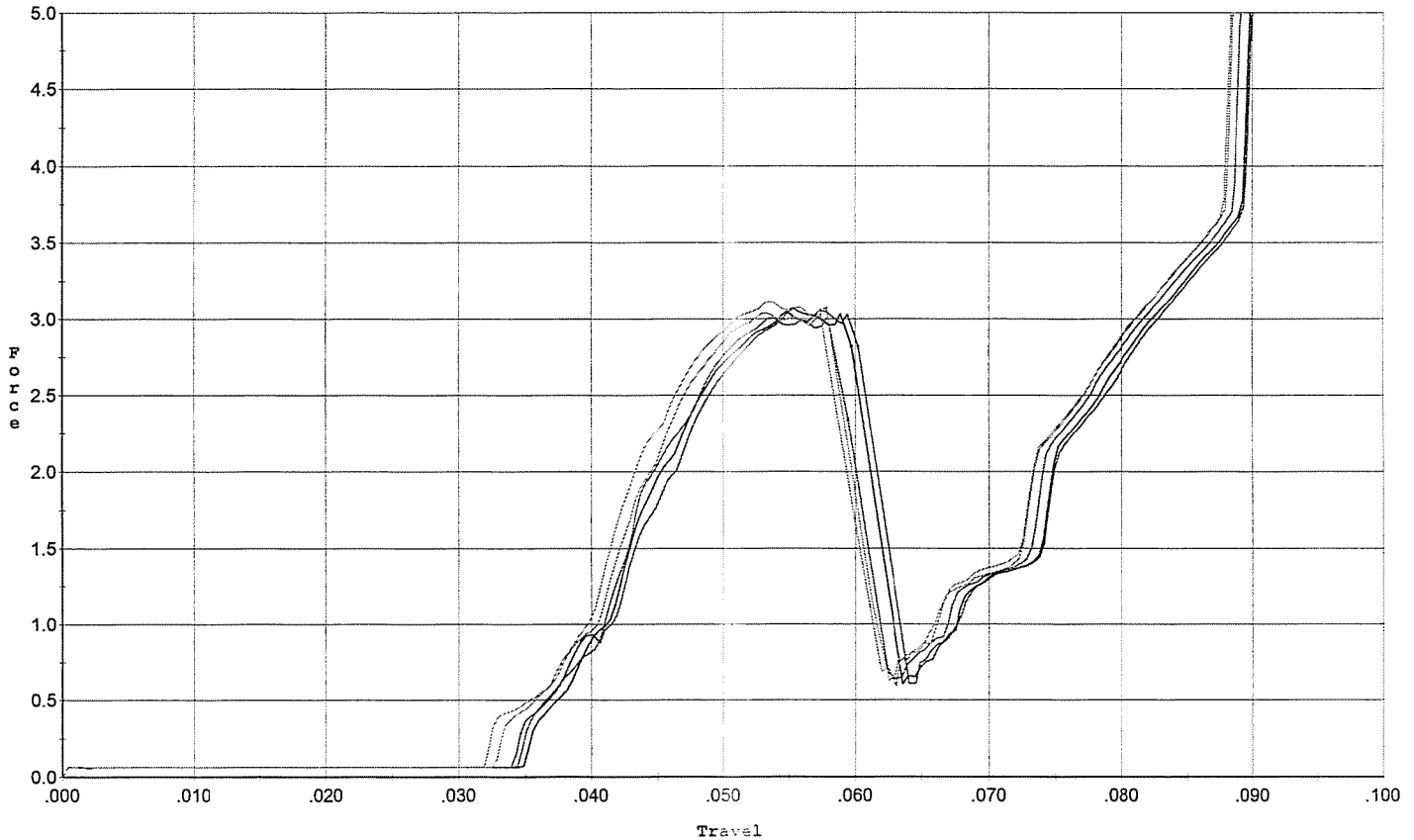
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.526	0.058	0.036	0.037	0.041		Set Trigger
2	2.475	0.058	0.035	0.037	0.042		Set Trigger
3	2.467	0.058	0.036	0.037	0.042		Set Trigger
4	2.510	0.059	0.033	0.036	0.044		Set Trigger
5	2.500	0.058	0.034	0.036	0.044		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/08/07

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



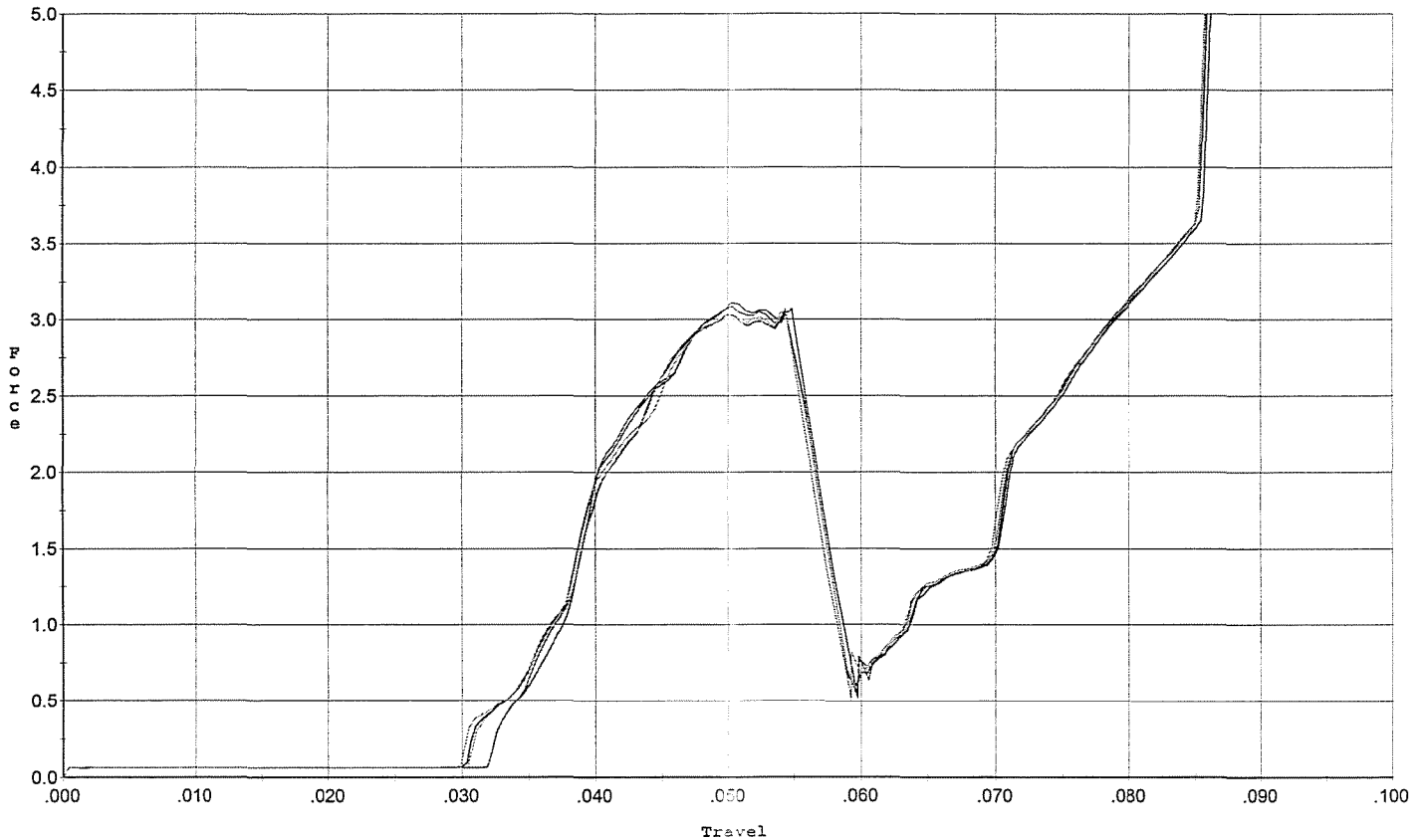
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.070	0.060	0.034	0.035	0.056		Set Trigger
2	3.049	0.060	0.035	0.035	0.055		Set Trigger
3	3.009	0.059	0.035	0.035	0.053		Set Trigger
4	3.113	0.058	0.033	0.035	0.056		Set Trigger
5	3.038	0.057	0.032	0.036	0.053		Set Trigger

Avg 3.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/08/07

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



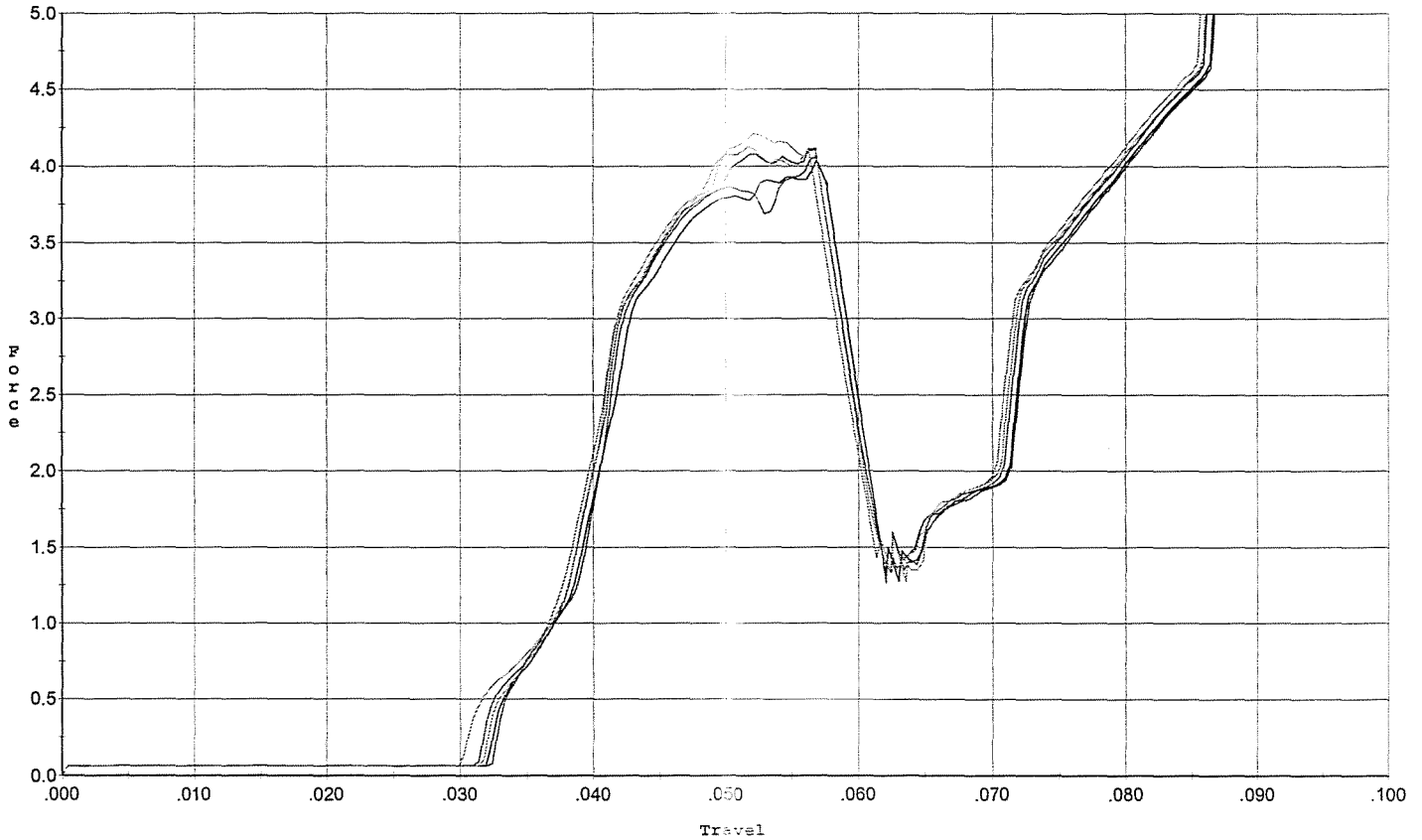
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.115	0.055	0.032	0.035	0.053		Set Trigger
2	3.065	0.056	0.031	0.035	0.054		Set Trigger
3	3.089	0.056	0.032	0.035	0.054		Set Trigger
4	3.076	0.056	0.030	0.035	0.054		Set Trigger
5	3.064	0.054	0.031	0.035	0.052		Set Trigger

Aug 3.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/08/07

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



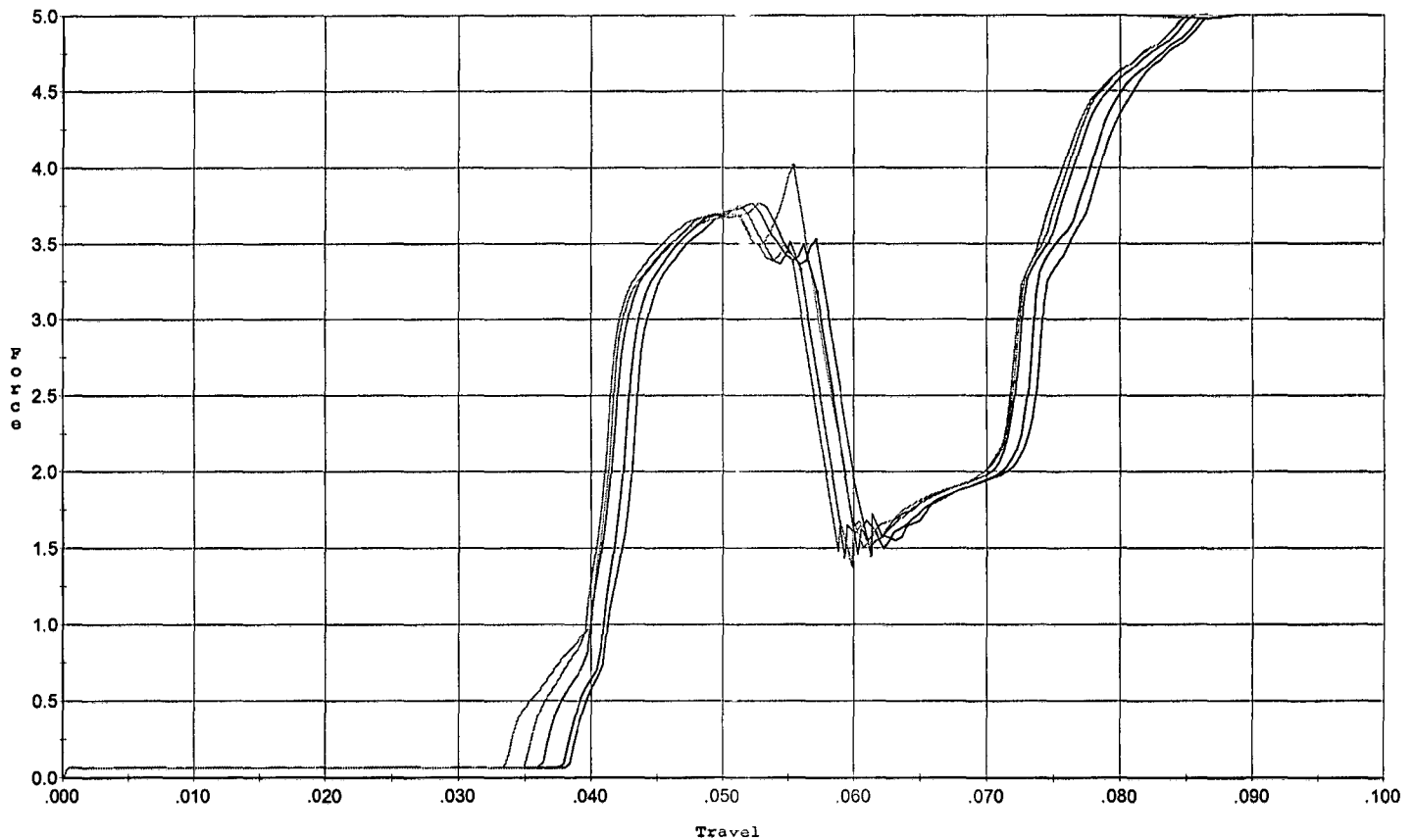
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.064	0.057	0.033	0.033	0.074		Set Trigger
2	4.039	0.058	0.032	0.033	0.075		Set Trigger
3	4.107	0.057	0.032	0.032	0.076		Set Trigger
4	4.215	0.057	0.032	0.032	0.077		Set Trigger
5	4.128	0.056	0.030	0.032	0.076		Set Trigger

Avg 4.11

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/08/07

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



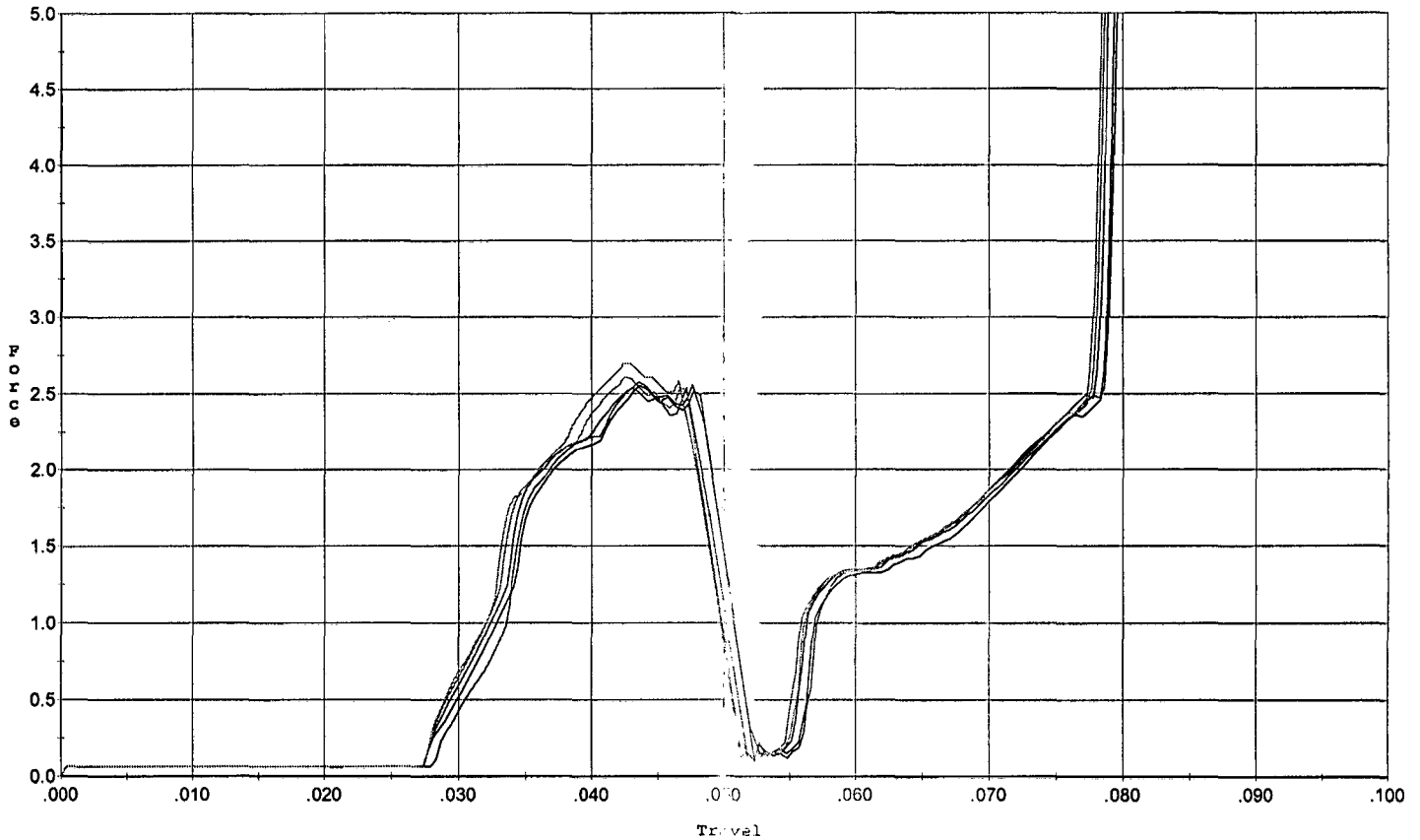
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.767	0.057	0.039	0.035	0.060		Set Trigger
2	3.764	0.057	0.038	0.035	0.060		Set Trigger
3	3.754	0.056	0.037	0.035	0.060		Set Trigger
4	4.014	0.055	0.034	0.034	0.063		Set Trigger
5	3.739	0.055	0.035	0.035	0.060		Set Trigger

Avg 3.80

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 1/08/07

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

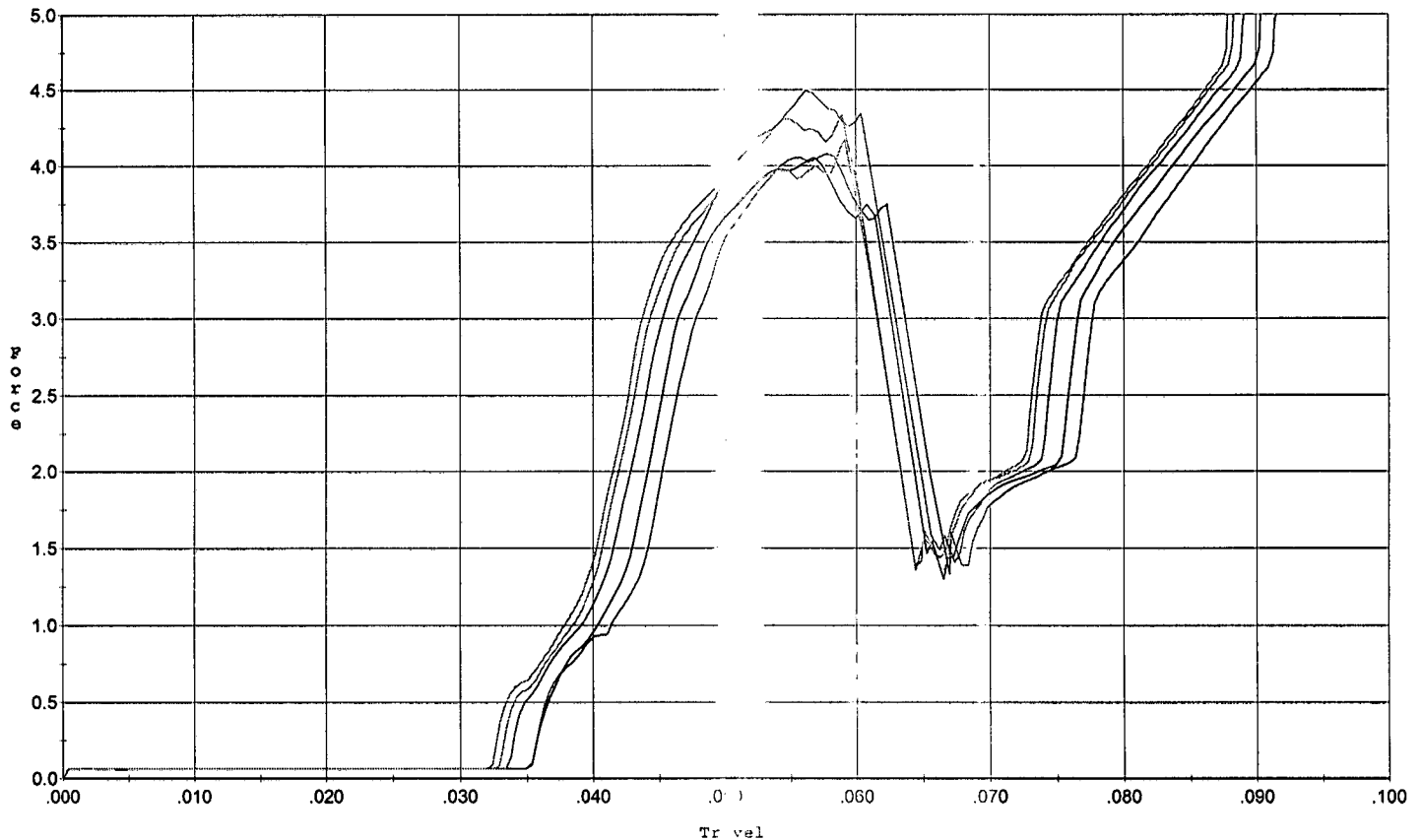


AVG 2.59

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/08/07

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	4.080	0.062	0.036	0.033	0.078		Set Trigger
2	4.058	0.061	0.036	0.033	0.077		Set Trigger
3	4.494	0.063	0.034	0.031	0.089		Set Trigger
4	4.177	0.061	0.033	0.032	0.082		Set Trigger
5	4.334	0.060	0.033	0.031	0.085		Set Trigger

AVG 4.22

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348744.___0
FILE DATE AND TIME: 01/31/2007 13:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

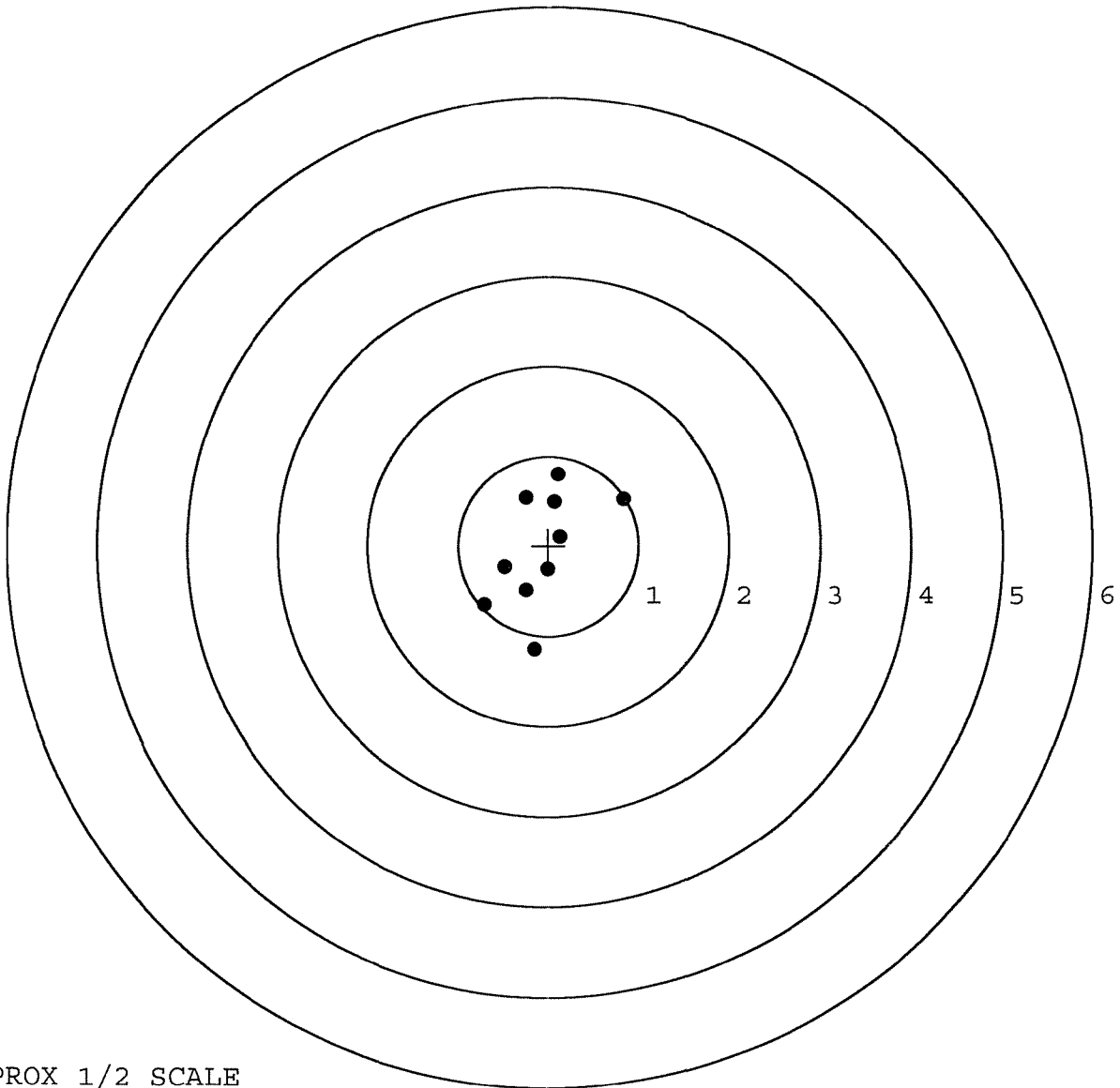
The Average X Centroid of the Five Target Set:	0.013
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.020
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.219
The Distance from Centroid Target #3 to Centroid Target #1:	0.094
The Distance from Centroid Target #4 to Centroid Target #1:	0.168
The Distance from Centroid Target #5 to Centroid Target #1:	0.048

BARBER - M24 0062925

```
SERIAL NUMBER: C6348744.__0
TARGET NUMBER: 1
FILE DATE: 01/31/2007
FILE TIME: 13:16
```

X CENTROID:	-0.071
Y CENTROID:	-0.036
POA TO CENTROID:	0.080
HORZ SPREAD:	1.549
VERT SPREAD:	1.941
GROUP SPREAD:	1.959
MIN RADIUS:	0.238
MAX RADIUS:	1.115
MEAN RADIUS:	0.649
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.837	0.518
2:	0.108	0.794
3:	-0.247	0.538
4:	0.072	0.492
5:	0.129	0.100
6:	-0.012	-0.266
7:	-0.248	-0.494
8:	-0.481	-0.239
9:	-0.712	-0.654
10:	-0.159	-1.147



TARGET APPROX 1/2 SCALE

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

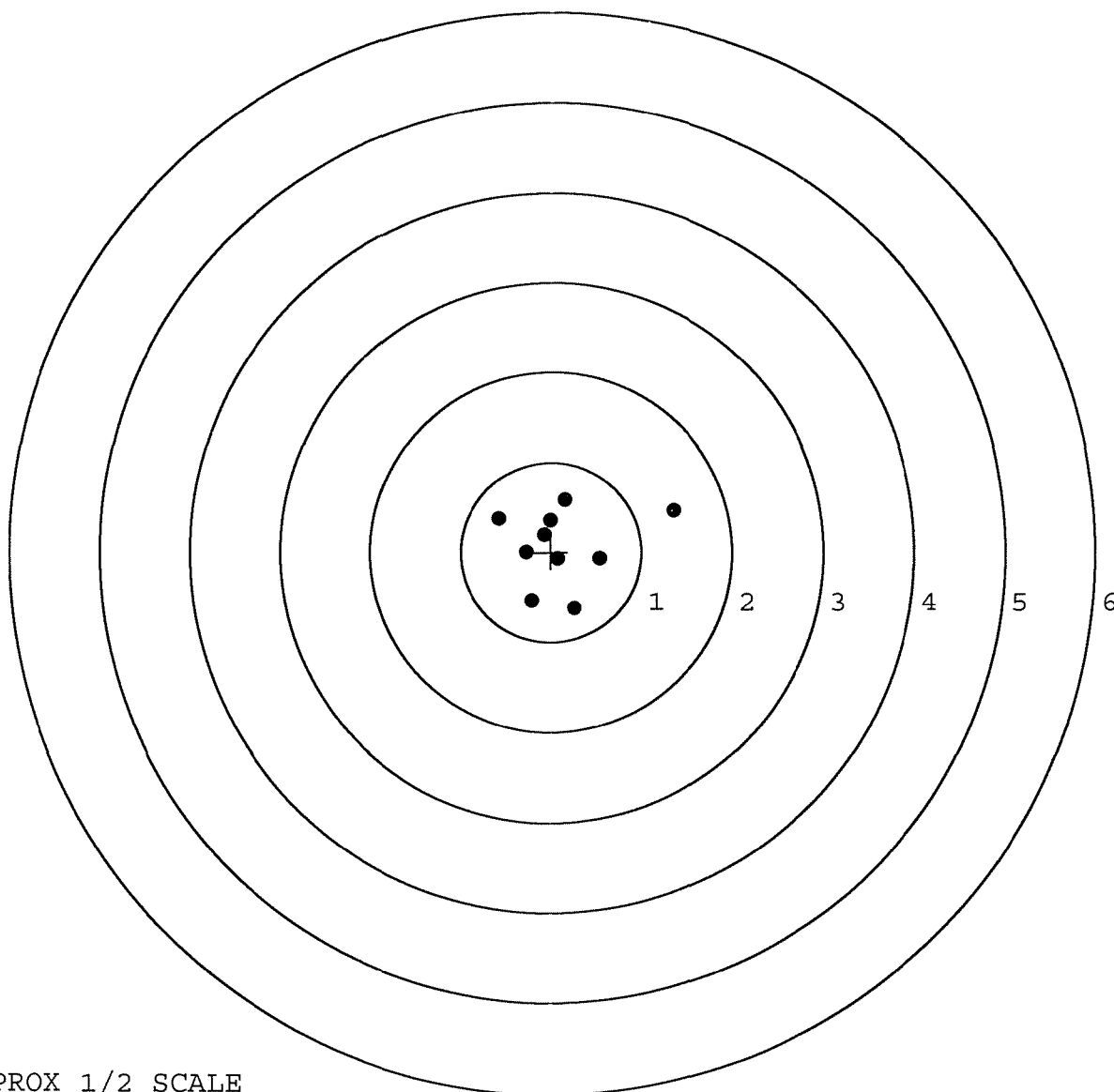
BARBER - M24 ~~0062925~~ **M24000962964**

BARBER - M24 0062926

SERIAL NUMBER: C6348744. __0
TARGET NUMBER: 2
FILE DATE: 01/31/2007
FILE TIME: 13:16

X CENTROID: 0.123
Y CENTROID: 0.064
POA TO CENTROID: 0.139
HORZ SPREAD: 1.935
VERT SPREAD: 1.209
GROUP SPREAD: 1.937
MIN RADIUS: 0.150
MAX RADIUS: 1.295
MEAN RADIUS: 0.554
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.355	0.463
2:	0.262	-0.629
3:	0.542	-0.074
4:	-0.580	0.375
5:	0.159	0.580
6:	-0.012	0.355
7:	-0.217	-0.542
8:	-0.279	-0.005
9:	0.076	-0.079
10:	-0.074	0.195



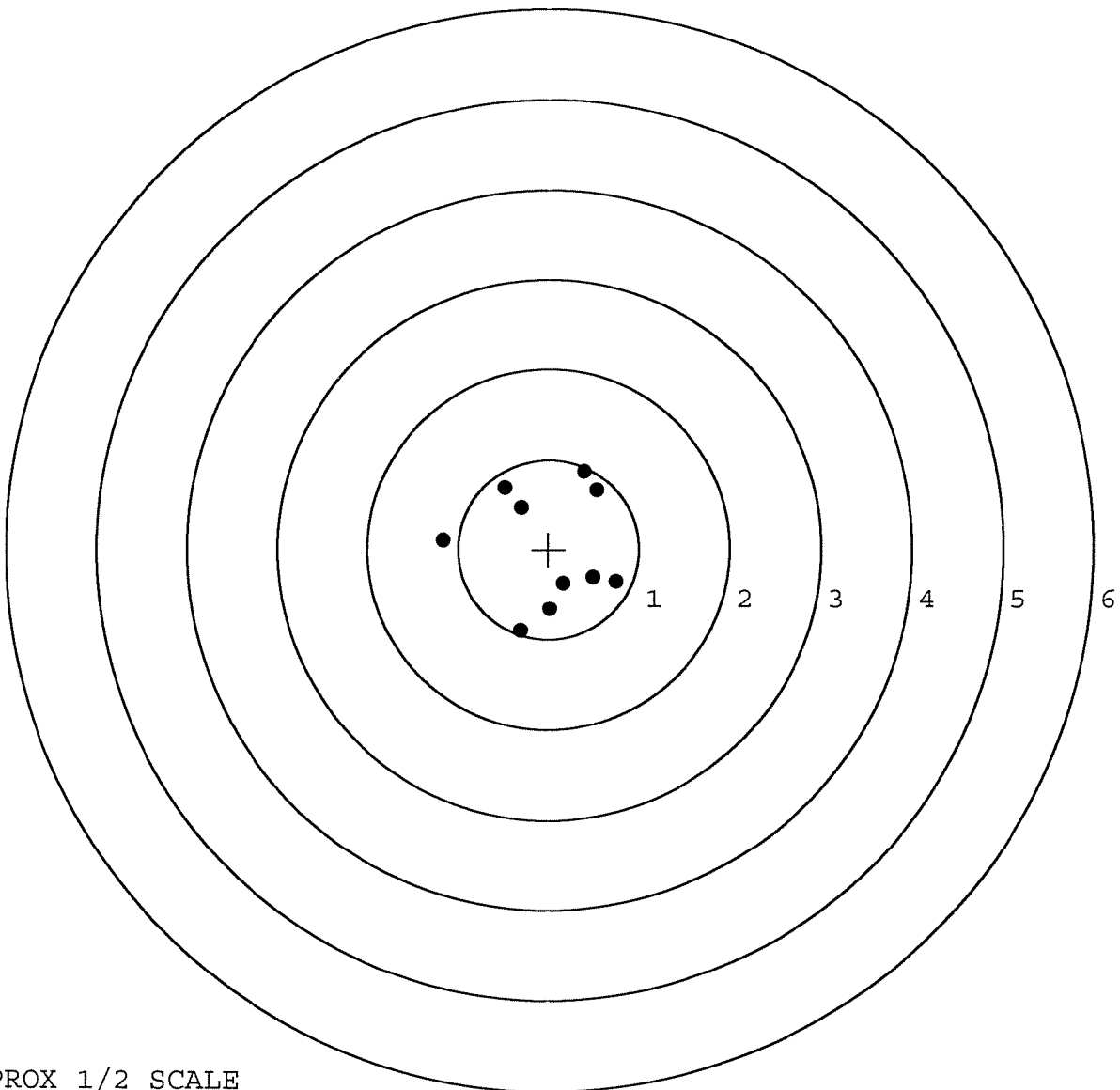
TARGET APPROX 1/2 SCALE

BARBER - M24 0062927

SERIAL NUMBER: C6348744.____0
TARGET NUMBER: 3
FILE DATE: 01/31/2007
FILE TIME: 13:16

X CENTROID: 0.009
Y CENTROID: 0.014
POA TO CENTROID: 0.016
HORZ SPREAD: 1.922
VERT SPREAD: 1.779
GROUP SPREAD: 1.977
MIN RADIUS: 0.425
MAX RADIUS: 1.184
MEAN RADIUS: 0.784
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.172	0.104
2:	-0.480	0.686
3:	-0.302	0.464
4:	0.396	0.868
5:	0.534	0.657
6:	0.750	-0.361
7:	0.495	-0.318
8:	0.162	-0.383
9:	0.020	-0.671
10:	-0.313	-0.911

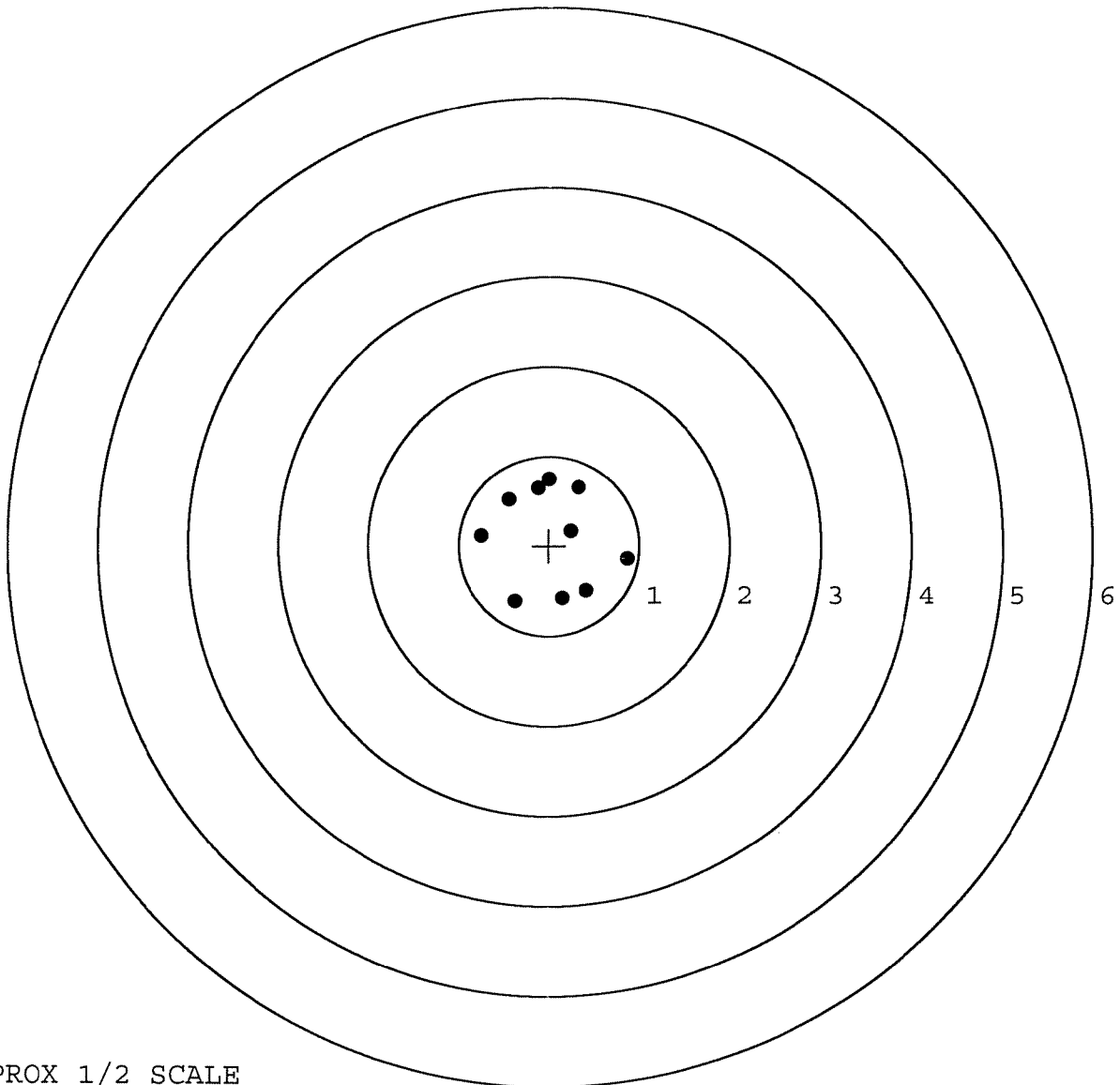


TARGET APPROX 1/2 SCALE

BARBER - M24 0062928

SERIAL NUMBER: C6348744. __0
TARGET NUMBER: 4
FILE DATE: 01/31/2007
FILE TIME: 13:16

	POINT#	X	Y
	1:	-0.379	-0.625
	2:	0.152	-0.587
	3:	0.414	-0.503
	4:	0.869	-0.148
X CENTROID:	5:	0.246	0.164
Y CENTROID:	6:	0.331	0.648
POA TO CENTROID:	7:	0.003	0.742
HORZ SPREAD:	8:	-0.121	0.642
VERT SPREAD:	9:	-0.444	0.517
GROUP SPREAD:	10:	-0.749	0.110
MIN RADIUS:			0.224
MAX RADIUS:			0.872
MEAN RADIUS:			0.659
# IN 1 IN DIAMETER:			1
# IN 2 IN DIAMETER:			10
# in 3 IN DIAMETER:			10



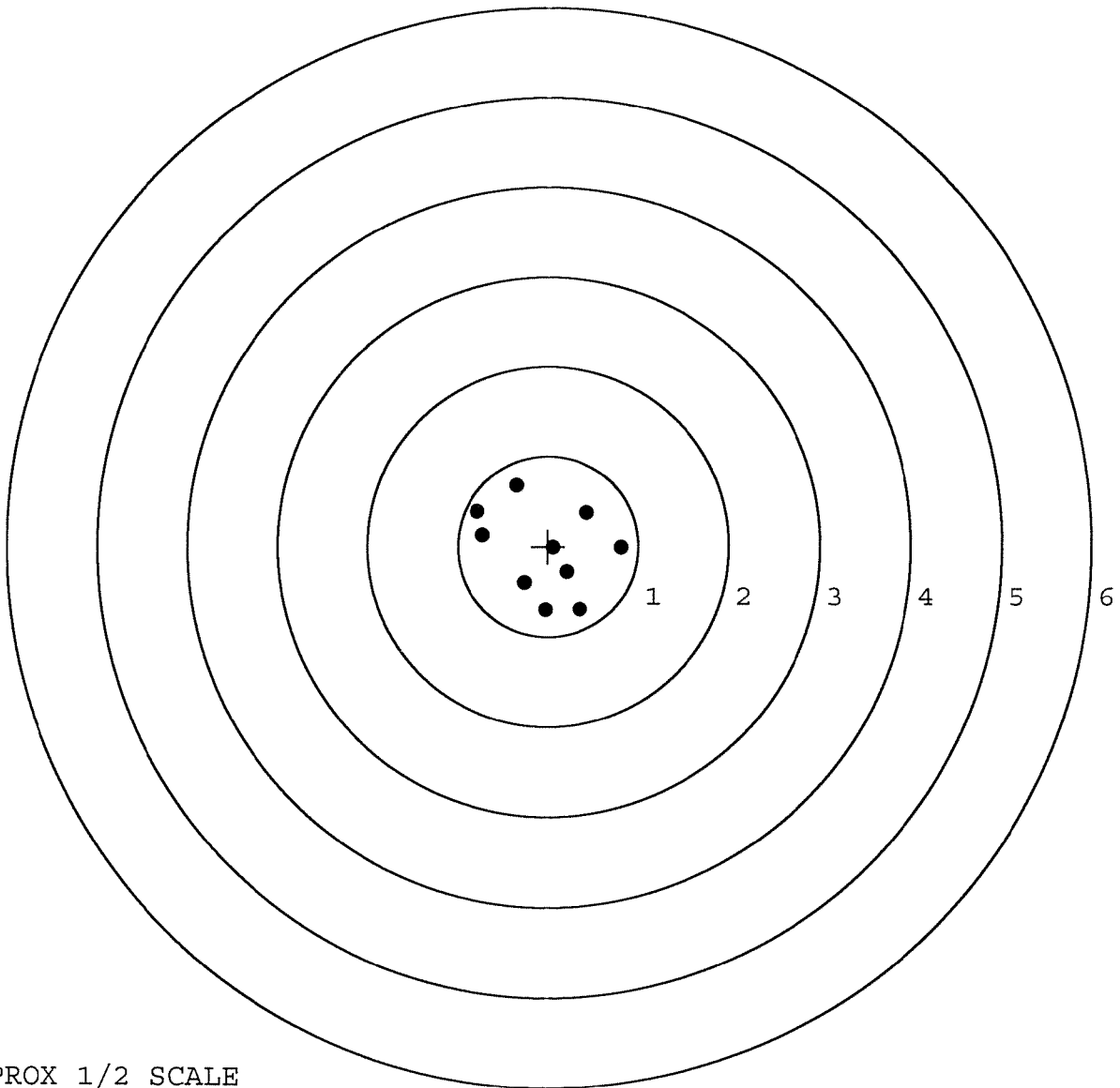
TARGET APPROX 1/2 SCALE

BARBER - M24 0062929

SERIAL NUMBER: C6348744.____0
TARGET NUMBER: 5
FILE DATE: 01/31/2007
FILE TIME: 13:16

	POINT#	X	Y
	1:	-0.351	0.670
	2:	-0.787	0.383
	3:	-0.727	0.122
	4:	-0.027	-0.708
	5:	-0.264	-0.400
	6:	0.358	-0.703
	7:	0.209	-0.281
	8:	0.059	-0.019
	9:	0.809	-0.017
	10:	0.432	0.373

X CENTROID: -0.029
Y CENTROID: -0.058
POA TO CENTROID: 0.065
HORZ SPREAD: 1.596
VERT SPREAD: 1.378
GROUP SPREAD: 1.645
MIN RADIUS: 0.096
MAX RADIUS: 0.877
MEAN RADIUS: 0.610
IN 1 IN DIAMETER: 3
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	123767		
SERIAL NUMBER	C6348744		
LOG-IN DATE	123767 1-17-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-18-07	RTZ
505	RE-BARREL	1-19-07	RTZ
420	ASSEMBLE	1-19-07	RTZ
440	PROOF	MAGNA-FLUX INSPECTED	
460	CHECK HEADSPACE	1-19-07	RP
470	DIS-ASSEMBLE GUN	JAN 23 2007 1-22-07	RTZ
480	MAGNAFLUX	OPERATOR <u>CPD</u> 1-23-07	APD
510	DRILL AND TAP	1-22-07	FM
500	ROLLMARK CALIBER	1-23-07	CW
520	GOFF BLAST BBL / REC	1-23-07	LB
530 & 540	APPLY COATINGS	1-25-07	W
560	FINAL ASSEMBLY	1-30-07	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	1-31-07 TRW
650	TARGET	<u>PASS</u> FAIL	1-31-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-31-07	FM
	A) HEADSPACE	<u>PASS</u> FAIL	1-31-07 RTZ
	B) TRIGGER PULL	248 2.60 2.43 2.43 2.36 1-31-07	TRW
680	F) SAFETY ON FORCE	4.0 4.0 4.0 1-31-07	DA
	G) SAFETY OFF FORCE	3.0 2.5 2.5 1-31-07	DA
690	I) FIRING PIN INDENT	.020 1.022 1.022 1.022 1-31-07	DA
	PACK	2-1-07	DA

F006 REV 5/2006

BARREL ASSEMBLY

BARREL_____
RECEIVER_____
FRONT SIGHT BASE_____
REAR SIGHT BASE_____
SCREWS_____
FINISH

STOCK ASSEMBLY

STOCK_____
SLING SWIVEL STUDS_____
BUTT PATE_____
LOCK NUTS_____
BARREL CLEARANCE_____
COLOR / FINISH

SCOPE ASSEMBLY

SCOPE_____
SCOPE RINGS_____
MOUNTING SCREWS_____
MOUNTING BASE_____
SCREWS_____
FINISH_____
CLARITY

SYSTEM CASE

SCOPE CASE_____
IRON SIGHTS_____
DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION_____
RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

01 BARBER M24 0062932 Thomas 967 8755

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSG 100707(A) DS/GS ARMS SHOP					
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA FT. LEWIS, WA							
1a. UIC CUSTOMER W.H. 15AA	1b. CUSTOMER UNIT NAME ODA 162	1c. PHONE NO. 967 8755	3a. WORK ORDER NUMBER (WON) 7004-01	3b. SHOP DS/6-5	3c. PHONE NO. 253 967 8777						
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT W.DSLAA	4b. SUPPORT UNIT NAME DS/6-5 arms shop							
SECTION III - EQUIPMENT DATA											
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005-01-2402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751								
8. MODEL M24			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K						
9. NOUN SNIPER WEAPON SYSTEM					H R						
10a. ORG WON/DOC NO 7004-01	10b. EIC										
11. SERIAL NUMBER	12. QTY 01	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY (enter Y or N)	20. ADMIN NO					
14. MALFUNCTION DESCRIPTION (for DSU, GSUI/AVIM, DEPOT use)			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)								
			22. LEVEL OF WORK	23. SIGNATURE							
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Failed headspace (no go)											
25. REMARKS return to Remington for repairs											
26. TECHNICAL REFERENCES											
SECTION IV - TASK REQUIREMENTS DATA											
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. SNR			
	A01	F	INITIAL	1	arms	070					
	A02	J	TEST			070					
	A03	A	FINAL			070					
SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					
SECTION VI - COMPLETION DATA											
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME			
SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY 2/1		35a. ACCEPTED BY don		35c. DATE		36a. WORK STARTED BY don		37a. INSPECTED BY don		38a. PICKED UP BY	
34b. DATE 4 JAN 07		35b. STATUS C		35d. TIME		36b. STATUS B		36c. DATE 4 JAN 07		36d. TIME	
37b. STATUS R		37c. DATE 4 JAN 07		37d. TIME		38b. STATUS U		38c. DATE 4 JAN 07		38d. TIME	

DA FORM 2407, JUL 94

Return To Remington for
repairs **code F**

1-NMCS COPY (A)
DS/GS ARMS SHOP
FT. LEWIS, WA



NRTS
1st SPECIAL FORCES
GROUP (A)
ARMAMENT

DATE

INSP

donabb

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0062932 2971

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: RE00052519		Serial: C6348744 Model 700 Center Fire Caliber 7.62 NATO M-24 (SW/S)		Repairman:												
Verify Repair				Status:		Closed 9/19/02 6:47:43 AM										
Address Information																
Customer:		☒ Received From		Return To:		☐ Received From										
Name: MATERIAL MOVEMENT SECTION				MATERIAL MOVEMENT SECTION												
Address 1: BLDG 9630				BLDG 9630												
Address 2:		PO Box:				PO Box:										
City: FORT LEWIS				FORT LEWIS												
State: WA Zip Code: 98433 Country: US				State: WA Zip Code: 98433 Country: US												
FFL: ☐ ☐ ☐ ☐ ☐ ☐																
Contact / Condition		Problems		Estimate		History / Status										
Contact Information		Received Condition		Accessories Received												
Phone:		Poor		<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>1</td></tr><tr><td>X</td><td>FRT & REAR SGT BA</td><td>1</td></tr></tbody></table>				Code	Desc	Qty	A007	With Stud	1	X	FRT & REAR SGT BA	1
Code	Desc	Qty														
A007	With Stud	1														
X	FRT & REAR SGT BA	1														
Fax:		Condition Notes:														
Email:		CSR Notes:														
Comments:																
Repair Search				Refresh		Close										
naglej 9/19/02 7:15 AM CAPS NUM NS SCFL																
Start Inbox - Microsoft Outlook Arms Services Repair... 7:15 AM																

Serial Number: C6348744

Model: 700



RE00052519

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348744.___0
FILE DATE AND TIME: 10/15/2002 13:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.154
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.236
The Distance from Centroid Target #2 to Centroid Target #1:	0.167
The Distance from Centroid Target #3 to Centroid Target #1:	0.107
The Distance from Centroid Target #4 to Centroid Target #1:	0.237
The Distance from Centroid Target #5 to Centroid Target #1:	0.078

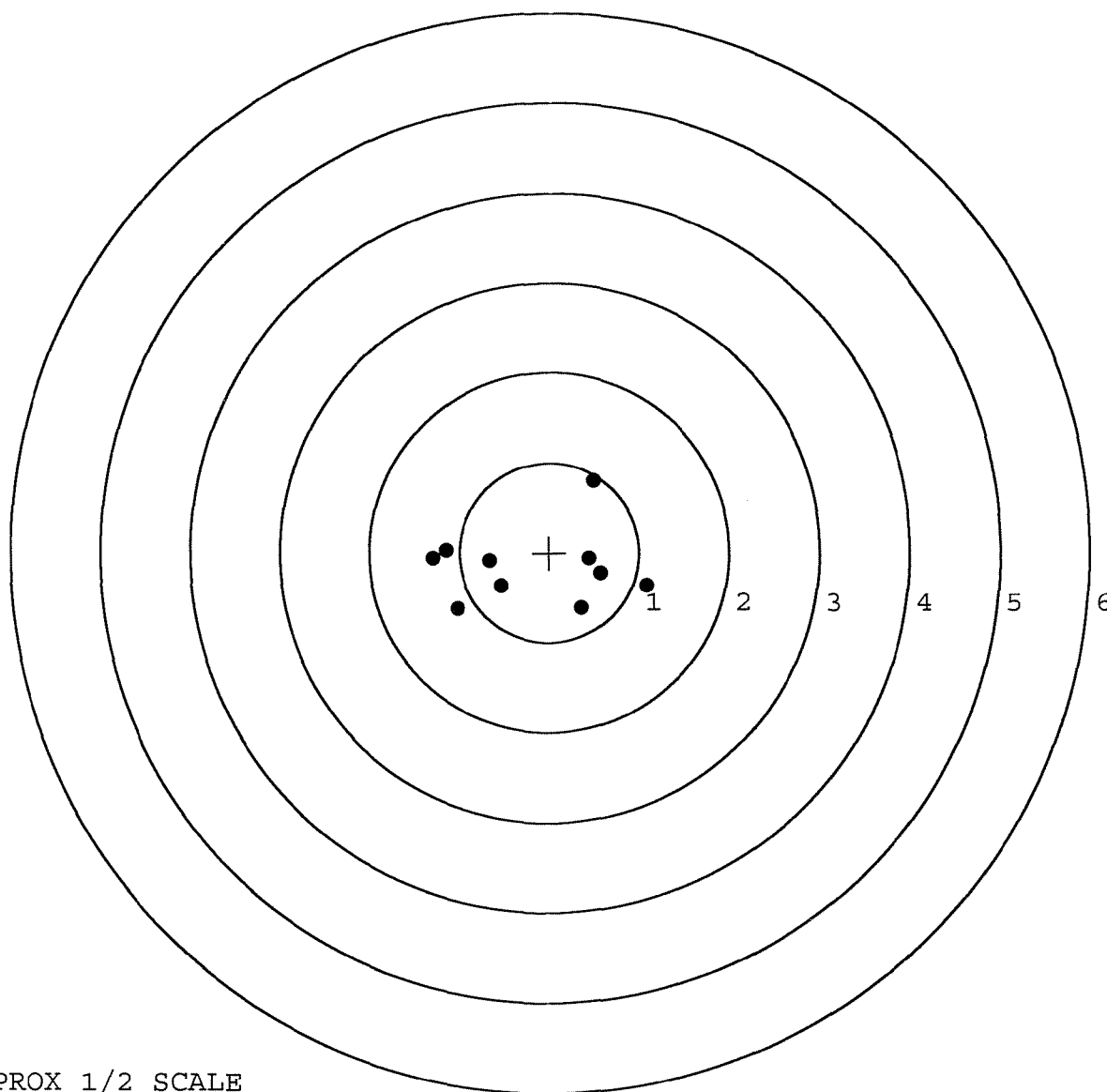
BARBER - M24 0062935

SERIAL NUMBER: C6348744. __0
TARGET NUMBER: 1
FILE DATE: 10/15/2002
FILE TIME: 13:58

X CENTROID: -0.169
Y CENTROID: -0.165
POA TO CENTROID: 0.236
HORZ SPREAD: 2.376
VERT SPREAD: 1.428
GROUP SPREAD: 2.395
MIN RADIUS: 0.423
MAX RADIUS: 1.267
MEAN RADIUS: 0.854

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.081	-0.372
2:	0.577	-0.237
3:	0.447	-0.068
4:	0.371	-0.622
5:	0.499	0.797
6:	-0.536	-0.375
7:	-0.665	-0.099
8:	-1.148	0.026
9:	-1.295	-0.070
10:	-1.018	-0.631



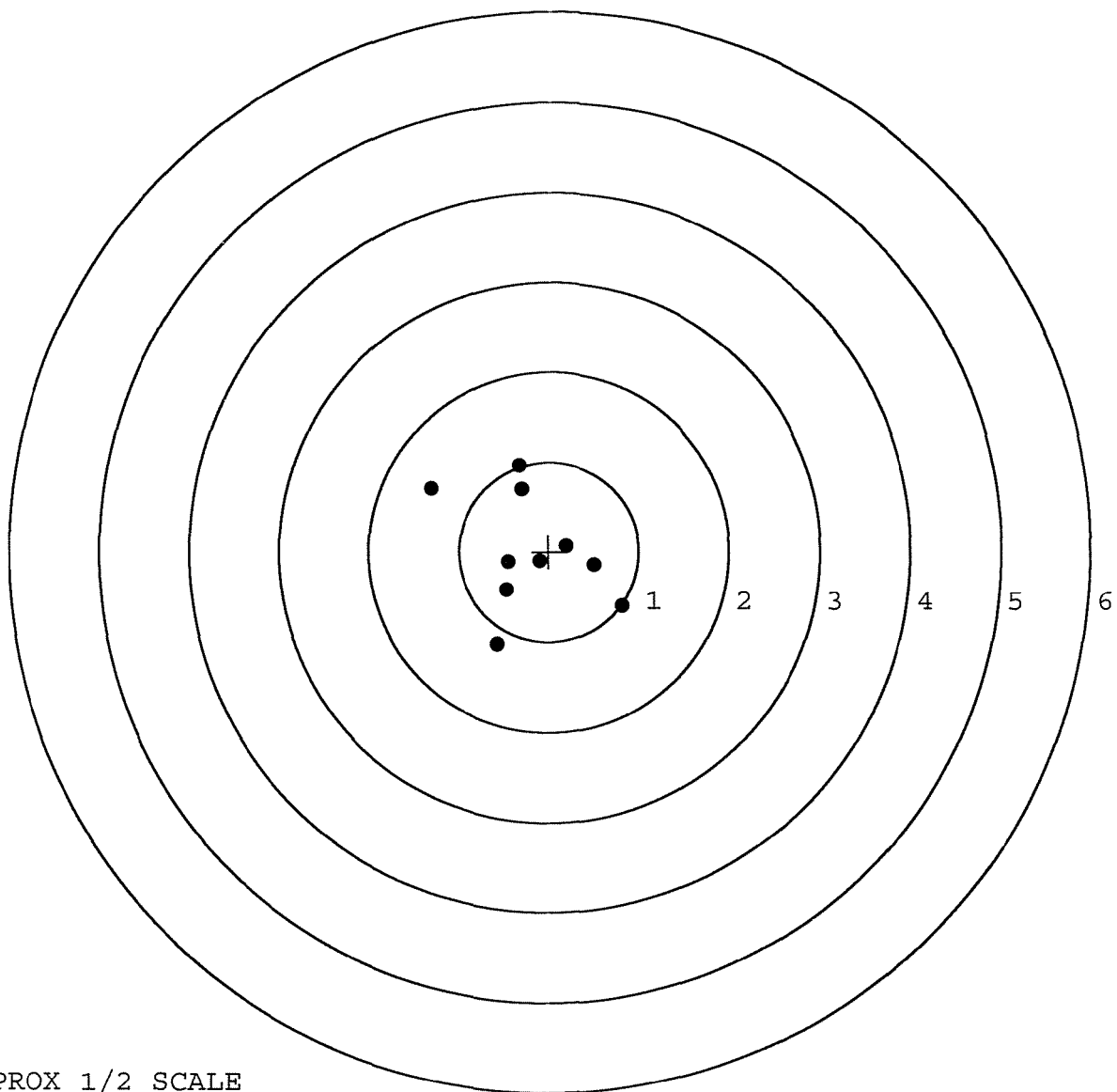
TARGET APPROX 1/2 SCALE

BARBER - M24 0062936

SERIAL NUMBER: C6348744. __0
TARGET NUMBER: 2
FILE DATE: 10/15/2002
FILE TIME: 13:58

X CENTROID: -0.202
Y CENTROID: -0.002
POA TO CENTROID: 0.202
HORZ SPREAD: 2.124
VERT SPREAD: 1.991
GROUP SPREAD: 2.496
MIN RADIUS: 0.146
MAX RADIUS: 1.312
MEAN RADIUS: 0.732
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.815	-0.609
2:	-0.571	-1.028
3:	0.510	-0.152
4:	0.194	0.066
5:	-0.301	0.697
6:	-0.332	0.963
7:	-1.309	0.702
8:	-0.106	-0.111
9:	-0.453	-0.119
10:	-0.471	-0.429



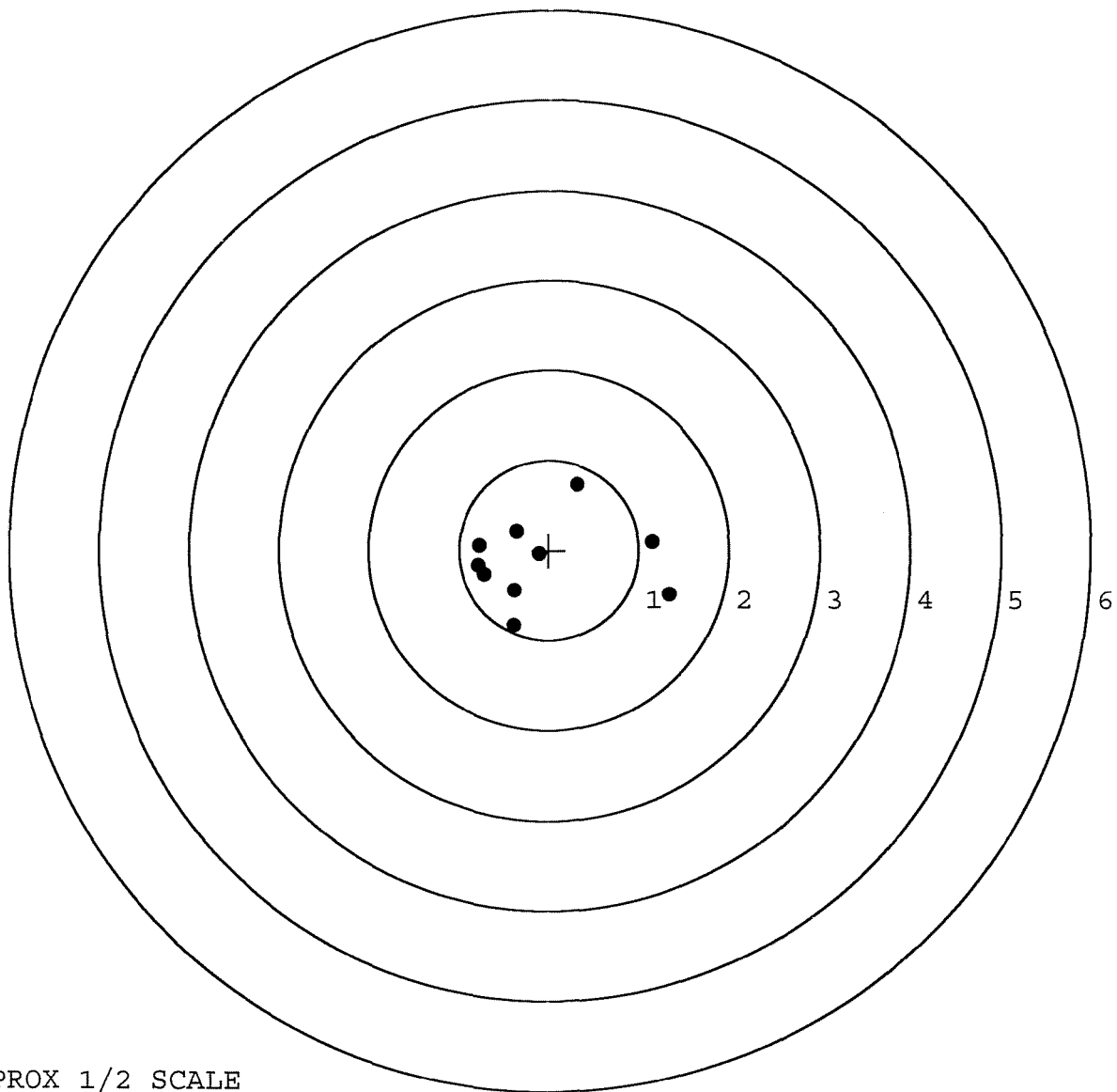
TARGET APPROX 1/2 SCALE

BARBER - M24 0062937

SERIAL NUMBER: C6348744. __0
 TARGET NUMBER: 3
 FILE DATE: 10/15/2002
 FILE TIME: 13:58

X CENTROID: -0.072
 Y CENTROID: -0.119
 POA TO CENTROID: 0.139
 HORZ SPREAD: 2.120
 VERT SPREAD: 1.568
 GROUP SPREAD: 2.179
 MIN RADIUS: 0.088
 MAX RADIUS: 1.458
 MEAN RADIUS: 0.749
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.336	-0.497
2:	1.147	0.099
3:	0.317	0.724
4:	-0.393	-0.844
5:	-0.381	-0.448
6:	-0.112	-0.040
7:	-0.365	0.207
8:	-0.771	0.057
9:	-0.784	-0.170
10:	-0.718	-0.273



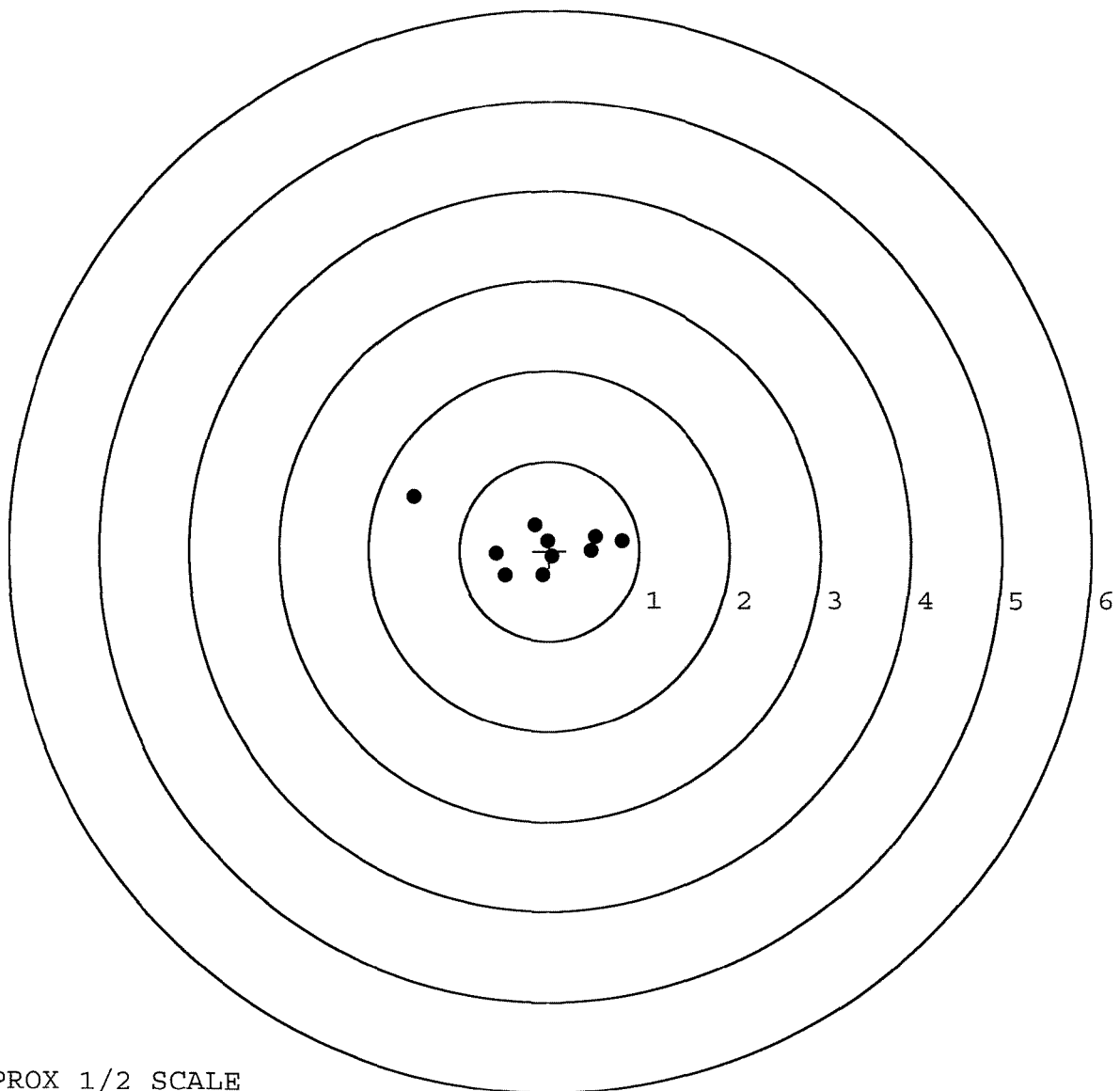
TARGET APPROX 1/2 SCALE

BARBER - M24 0062938

SERIAL NUMBER: C6348744. __0
TARGET NUMBER: 4
FILE DATE: 10/15/2002
FILE TIME: 13:58

POINT#	X	Y
1:	0.807	0.113
2:	0.515	0.155
3:	-0.593	-0.038
4:	-0.493	-0.278
5:	-1.503	0.602
6:	-0.162	0.293
7:	-0.076	-0.268
8:	0.027	-0.063
9:	-0.021	0.110
10:	0.468	-0.004

X CENTROID: -0.103
Y CENTROID: 0.062
POA TO CENTROID: 0.120
HORZ SPREAD: 2.310
VERT SPREAD: 0.880
GROUP SPREAD: 2.361
MIN RADIUS: 0.095
MAX RADIUS: 1.500
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9



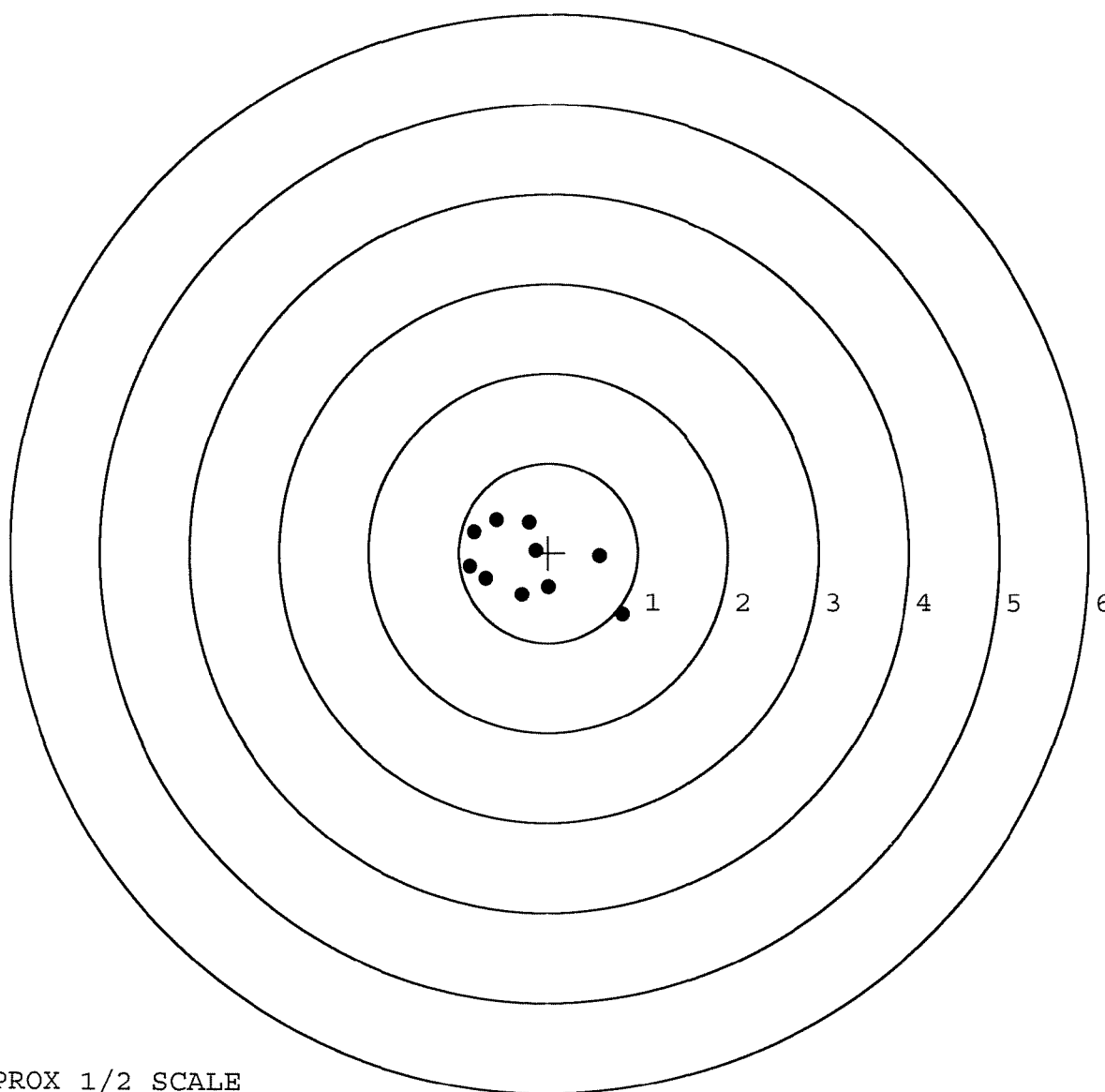
TARGET APPROX 1/2 SCALE

BARBER - M24 0062939

SERIAL NUMBER: C6348744. __0
TARGET NUMBER: 5
FILE DATE: 10/15/2002
FILE TIME: 13:58

X CENTROID: -0.222
Y CENTROID: -0.108
POA TO CENTROID: 0.247
HORZ SPREAD: 1.704
VERT SPREAD: 1.054
GROUP SPREAD: 1.896
MIN RADIUS: 0.156
MAX RADIUS: 1.202
MEAN RADIUS: 0.577
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.828	-0.693
2:	0.576	-0.046
3:	0.004	-0.382
4:	-0.296	-0.467
5:	-0.695	-0.290
6:	-0.876	-0.155
7:	-0.217	0.335
8:	-0.141	0.025
9:	-0.579	0.361
10:	-0.828	0.231



TARGET APPROX 1/2 SCALE

Final Inspection

D: C6348744

DATE REC'D: 9/17/12

DATE RET'D:

EDITOR: 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:

R & E NUMBER	52519		
SERIAL NUMBER	C6348744		
LOG-IN DATE	9/18/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-21-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	9/27/02	RL
615	ROLLMARK CALIBER	9/27/02	TD
618	ROTO-BLAST	9/30/02	KG
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/10/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-14-02	A
655	FINAL INSPECT	10-14-02	RW
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

GUN SERIAL # C6348744

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	AC
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	10/13/89		KCR
	Magnaflux Bolt	10/13/89		KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	10 1689		YB
618	Polish Barrel RB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		31 Oct 89	JS

BARBER - M24 0062943

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/31/89	92
	G) Safety Off Force	4	4	4			10/31/89	92
	H) Trigger Pull Test & Retainability						3/6/89	92
	I) Firing Pin Indent	.0215	.0225	.022			10/31/89	92
	J) Assemble Stock						11/1/89	RW
	K) Assemble Swivel Studs						7/10/89	92
	L) Attach Front and Rear Sight Assemblies						11/1/89	RW
	M) Iron Sight Alignment						11/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/1/89	RW
	O) Attach Scope to Rifle						11/1/89	92
	P) Detach & Attach Scope 20 Times						11/1/89	92
640	Gallery Target & Test						11-2-89	D/H
	A) Time						11-2-89	D/H
	B) Malfunctions						11-2-89	D/H
	C) Pierced Primers						11-2-89	D/H
	D) Optical Clarity of Scope						11-2-89	D/H
645	Inspect for Live Ammo						11-2-89	D/H
655	Final Inspection A) Headspace						7/10/89	92
	B) Trigger Pull	258	270	264	257	262	7/10/89	92
	C) Function						7/10/89	92
660	Pack						14/00/89	92

SWS TRIGGER PULL TEST

BARBER - M24 0062944

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 46348744

DATE 3-28-90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.46		2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.42		2.36	
PULL #3	2.42	2.44		2.40	
PULL #4	2.45	2.43		2.42	
PULL #5	2.39	2.43		2.43	
TOTAL	12.16	12.18		12.05	
AVG.	2.432	2.436		2.41	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.52		
PULL #2	3.51	3.49		
PULL #3	3.45	3.43		
PULL #4	3.47	3.47		
PULL #5	3.53	3.52		
TOTAL	17.47	17.43		
AVG.	3.494	3.486		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.41		
PULL #2	4.40	4.40		
PULL #3	4.34	4.40		
PULL #4	4.40	4.41		
PULL #5	4.44	4.43		
TOTAL	21.69	22.05		
AVG.	4.338	4.41		

MOD.		GA. CAL.	GUN #	ASSEM. #
#	DATE	C6348744		
TEST	DATE	MALFUNCTION/DEFECT		
	1st	shove brass don't eject		
	2nd	Polish Ejector Ream Ejector Able		RW
	3rd			
	4th			
		FUNCTION		RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	11-6-89 shot 100 Rb OK DH	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348744
2 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.963049
1 TO	2	.538628
1 TO	3	.386964
1 TO	4	.183505
1 TO	5	.553011

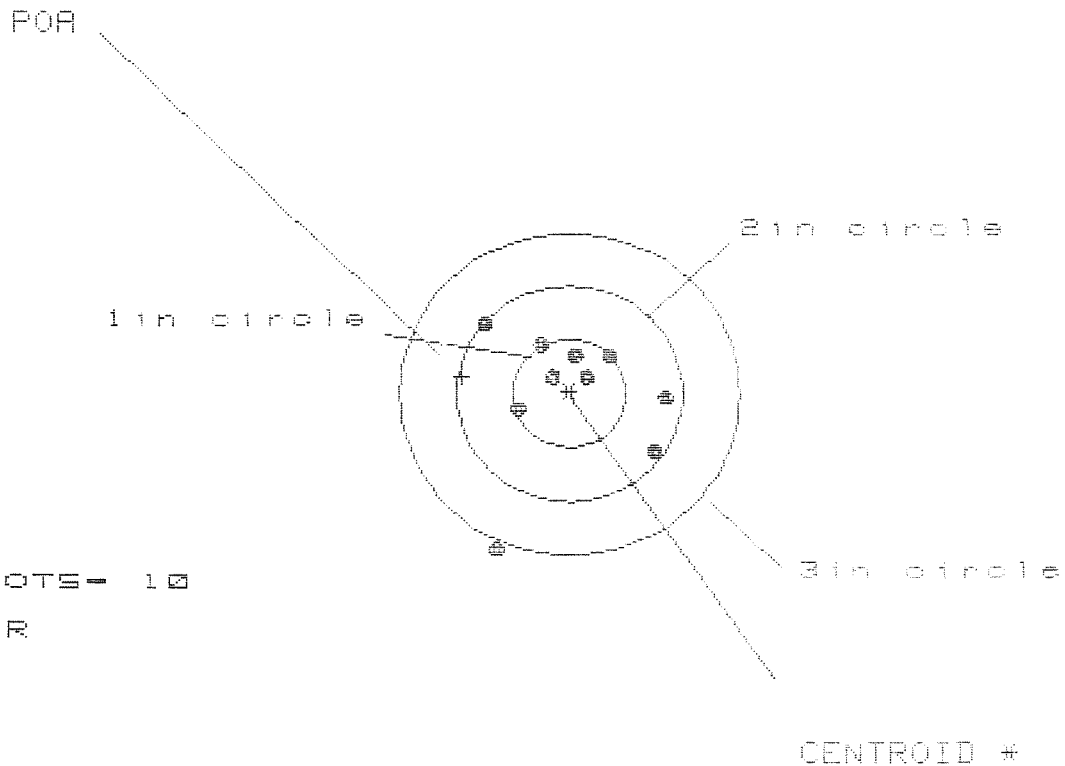
+ 5² C----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .832
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1292
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .841972
THE AMR FOR THIS RIFLE IS: .8362

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346744

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.571

VS= 2.106

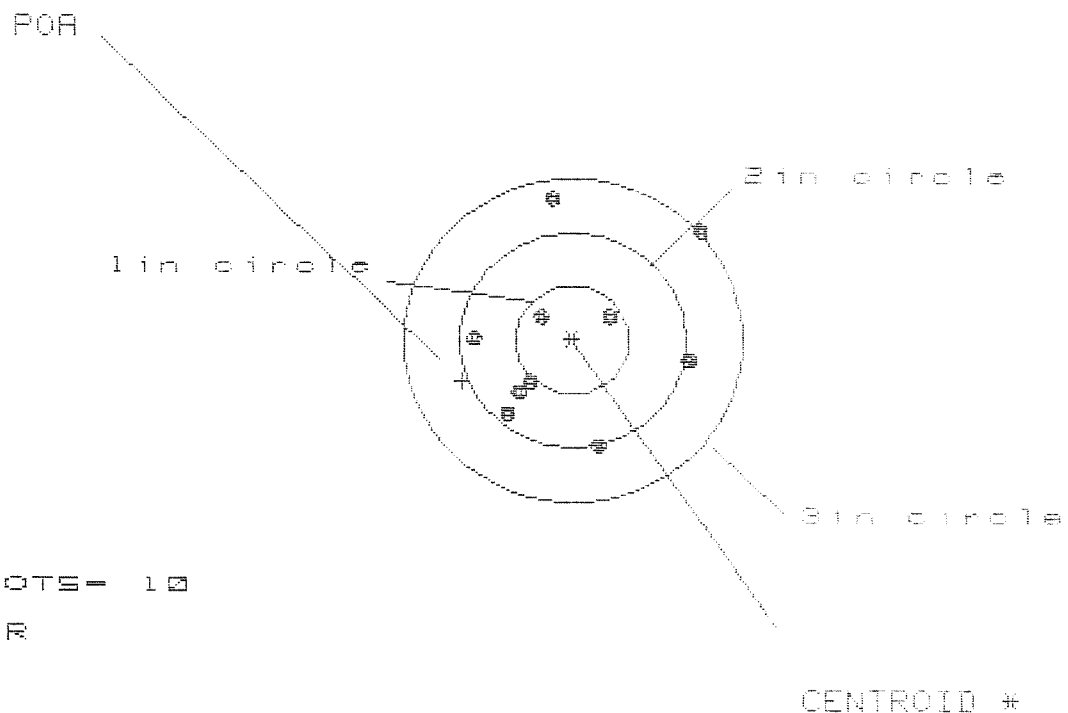
GS= 2.110

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.831	.763	.662
MINIMUM X	:	-.740	-.808	-.624
MAXIMUM Y	:	.707	.551	.332
MINIMUM Y	:	-1.399	-.726	-.657
CENTROID X	:	.950	1.018	1.119
CENTROID Y	:	-.158	-.002	-.071
POA TO CENTROID in.	:	.963	1.018	1.121
MIN RADIUS	:	.208	.102	.064
MEAN RADIUS	:	.663	.522	.473
MAX RADIUS	:	1.526	.991	.873
HORIZONTAL SPREAD	:	1.571	1.571	1.286
VERTICAL SPREAD	:	2.106	1.277	.989
EXTREME SPREAD	:	2.110	1.957	1.392
NUMBER IN ONE INCH CIRCLE =	:	5		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	9		

2 Nov 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08346744

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.047

VS = 2.287

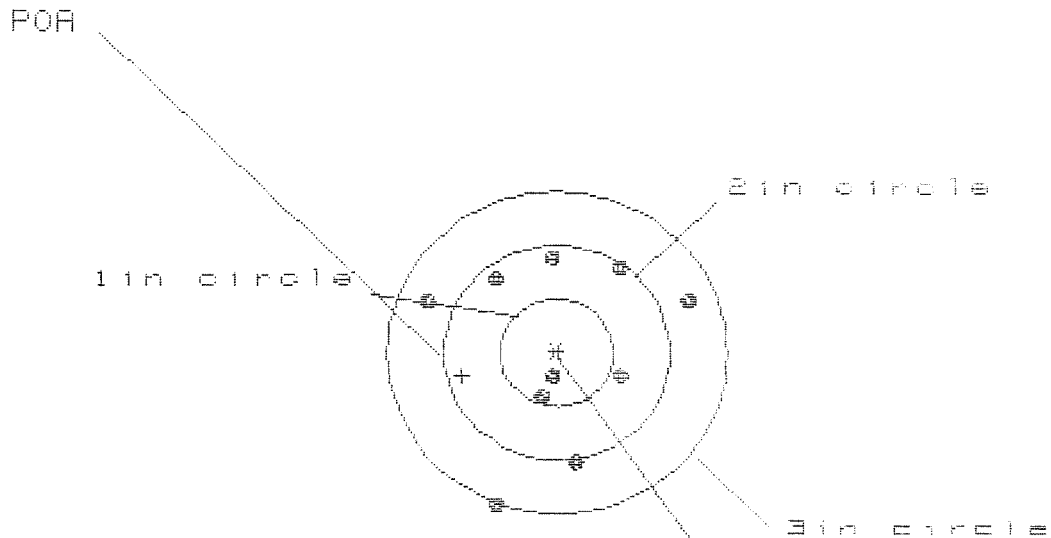
GS = 2.406

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.133	1.183	1.176
MINIMUM X	:	-.914	-.788	-.795
MAXIMUM Y	:	1.289	1.407	.476
MINIMUM Y	:	-.998	-.880	-.705
CENTROID X	:	.976	.850	.857
CENTROID Y	:	.380	.262	.087
POA TO CENTROID in.	:	1.047	.889	.861
MIN RADIUS	:	.348	.342	.264
MEAN RADIUS	:	.868	.755	.653
MAX RADIUS	:	1.552	1.408	1.180
HORIZONTAL SPREAD	:	2.047	1.971	1.971
VERTICAL SPREAD	:	2.287	2.287	1.181
EXTREME SPREAD	:	2.406	2.322	1.980
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348744

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.315

VS= 2.335

GS= 2.546

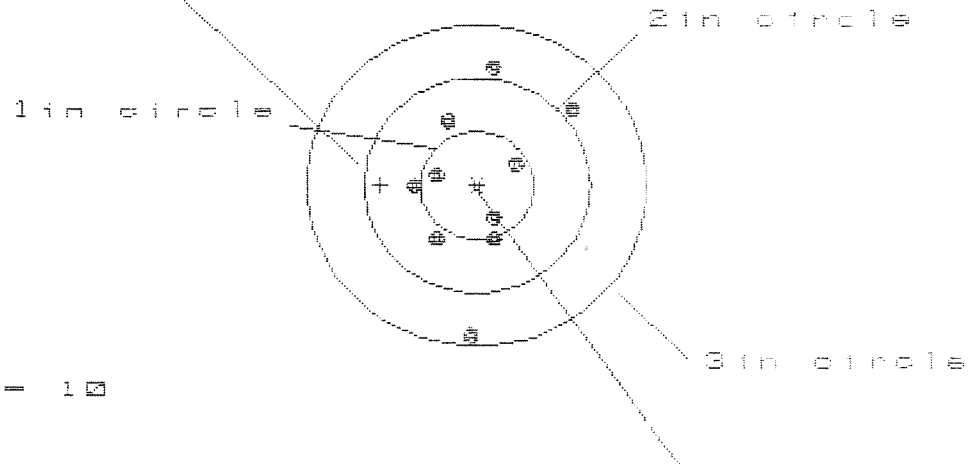
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.158	1.098	.946
MINIMUM X	:	-1.157	-1.217	-.735
MAXIMUM Y	:	.888	.727	.767
MINIMUM Y	:	-1.447	-1.181	-1.141
CENTROID X	:	.848	.900	1.052
CENTROID Y	:	.213	.374	.334
POA TO CENTROID in.	:	.867	.974	1.104
MIN RADIUS	:	.196	.365	.394
MEAN RADIUS	:	.906	.838	.773
MAX RADIUS	:	1.543	1.259	1.143
HORIZONTAL SPREAD	:	2.315	2.315	1.681
VERTICAL SPREAD	:	2.335	1.908	1.908
EXTREME SPREAD	:	2.546	2.315	1.922
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348744

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.405

VS= 2.506

GS= 2.514

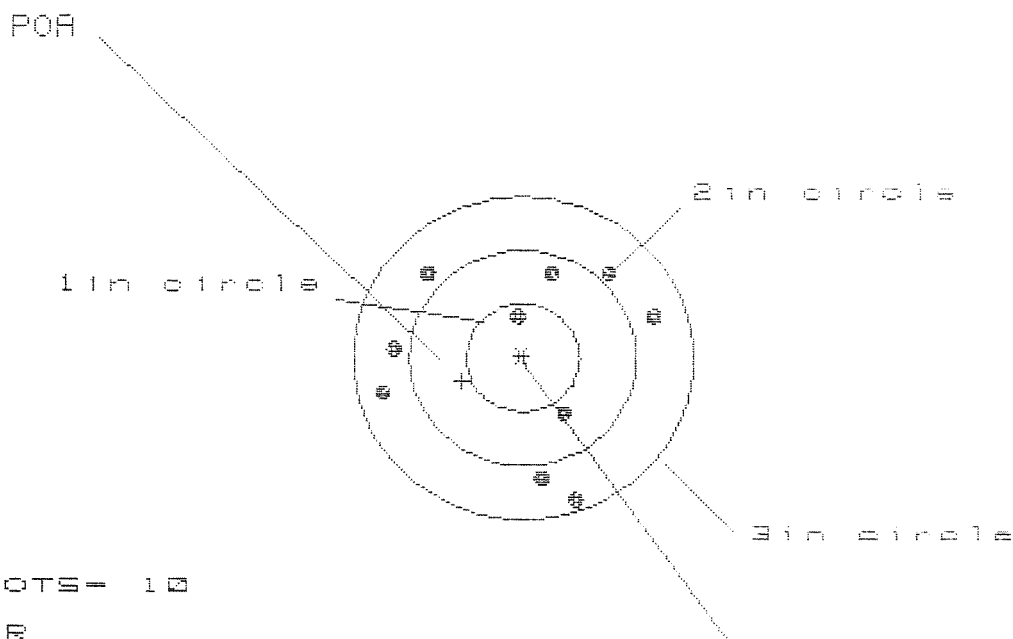
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.830	.821	.836
MINIMUM X	:	-.575	-.584	-.569
MAXIMUM Y	:	1.110	.955	.699
MINIMUM Y	:	-1.396	-.662	-.543
CENTROID X	:	.855	.864	.849
CENTROID Y	:	-.001	.154	.035
POA TO CENTROID in.	:	.855	.877	.850
MIN RADIUS	:	.318	.318	.351
MEAN RADIUS	:	.701	.625	.564
MAX RADIUS	:	1.398	1.005	1.090
HORIZONTAL SPREAD	:	1.405	1.405	1.405
VERTICAL SPREAD	:	2.506	1.617	1.242
EXTREME SPREAD	:	2.514	1.725	1.725
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348744

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.418

VS= 2.086

GS= 2.512

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.181	1.234	1.086
MINIMUM X	-1.237	-1.184	-1.216
MAXIMUM Y	.812	.670	.612
MINIMUM Y	-1.274	-1.215	-1.273
CENTROID X	.539	.486	.634
CENTROID Y	.212	.354	.412
POA TO CENTROID in.	.579	.601	.756
MIN RADIUS	.359	.216	.308
MEAN RADIUS	1.013	.953	.893
MAX RADIUS	1.360	1.273	1.276
HORIZONTAL SPREAD	2.418	2.418	2.362
VERTICAL SPREAD	2.086	1.885	1.885
EXTREME SPREAD	2.512	2.512	2.321
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

BARBER - M24 0062992
Remington®



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

MODEL 700™ H24

SERIAL NO.

C6348744

ORDER NO.

5716

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

01



5716 C6348744

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0062992
M2400062992