



C6523533

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00147454

Serial: C6523533 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/9/2008 12:37:37 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 4/4 ID ATTN: POST ARMS ROOM

4/4 ID ATTN: POST ARMS ROOM

Address 1: POC: BARRY COKER CENT RECEIVING POINT

POC: BARRY COKER CENT RECEIVING POINT

Address 2: 4885 CHILES AVENUE

PO Box:

4885 CHILES AVENUE

PO Box:

City: FT CARSON

FT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

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
A010	Hard Case	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglej

7/9/2008

3:37 PM

CAPS

NUM

INE

SCRL



3:37 PM

Number: C6523533

Model: M24 SWS



RE00147454

"CAN"

Remove Butt Pad/ship

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 06299229831

CAN

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.				PAGE NO 1	NO OF PAGES 1	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WASP, 0	1b. CUSTOMER UNIT NAME Dco 1-12 INF	1c. PHONE NO 526-6355	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-1/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M24 Sniper	9. NOUN Rifle 7.62 MM		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		
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) Service Inspection			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)			23. SIGNATURE <i>[Signature]</i>				
25. REMARKS RESET							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I				SECTION III (Cont'd)			
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-1/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II							
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III							
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY <i>[Signature]</i>	35a. ACCEPTED BY	35c. DATE					
34b. DATE	35b. STATUS	35d. TIME					
			Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.				

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

DA FORM 2407, JUL 94

NMP COPY 2

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE			
600	XXXXXX	Clean + Inspect	7-17-08	RTC
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	PASS FAIL	7-17-08	TRW
650	TARGET	PASS FAIL	7-17-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	7/17/08 7/18/08 7/18/08	med Fm Fm
	B) TRIGGER PULL	+1.5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3.5 4 4	7/18/08 Fm
	G) SAFETY OFF FORCE	2 LBS	2 2 2	7/18/08 Fm
	I) FIRING PIN INDENT	.020	.022 .022 .022	7/18/08 Fm
690	PACK			7/18/08 Fm

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: **RE00108323** Serial: C6523533 Model M24 SWS Center Fire
 Verify Repair: **High Priority** Caliber: 7 62 NATO Repairman: Status: Closed 2/13/2006 2:28:14 PM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **B CO 2 BSB SHOP OFFICE** **B CO 2 BSB SHOP OFFICE**

Address 1: **2D BDE 21.D** **2D BDE 21.D**

Address 2: PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																					
Contact Information Phone: 719 524 5365 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>A016</td> <td>Scope Rings</td> <td>2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A016	Scope Rings	2	A017	Scope Base	1	A026	Scope	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																							
A007	With Stud	3																							
A010	Hard Case	1																							
A016	Scope Rings	2																							
A017	Scope Base	1																							
A026	Scope	1																							
A057	Fit and Rear Sgt Base	1																							

Repair Search Refresh Close

naglej 2/13/2006 3:18 PM CAPS NUM INS SCRL

start [Inbox - Mi...] [Arms Serv...] [3 Intern...] [Part Search...] [Microsoft ...] 3:18 PM

Serial Number: **C6523533**

Model: **M24 SWS**



RE00108323

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 CSGLD-1047(R1)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER <i>W.A. 0</i>	1b. CUSTOMER UNIT NAME <i>Bco 285B</i>	1c. PHONE NO <i>719 524 1727</i>	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL <i>m24</i>			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 <i>7.62 Rifle</i>			H R			
10a. ORG WON/DOC NO <i>UT 7.62 Rifle</i>		10b. EIC				
11. SERIAL NUMBER <i>6523333</i>		12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N)		20. ADMIN NO	
			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)						
25. REMARKS <i>Upgrade A2</i>						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
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34b. DATE	35b. STATUS	35d. TIME				

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523533.__1
FILE DATE AND TIME: 04/24/2006 08:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

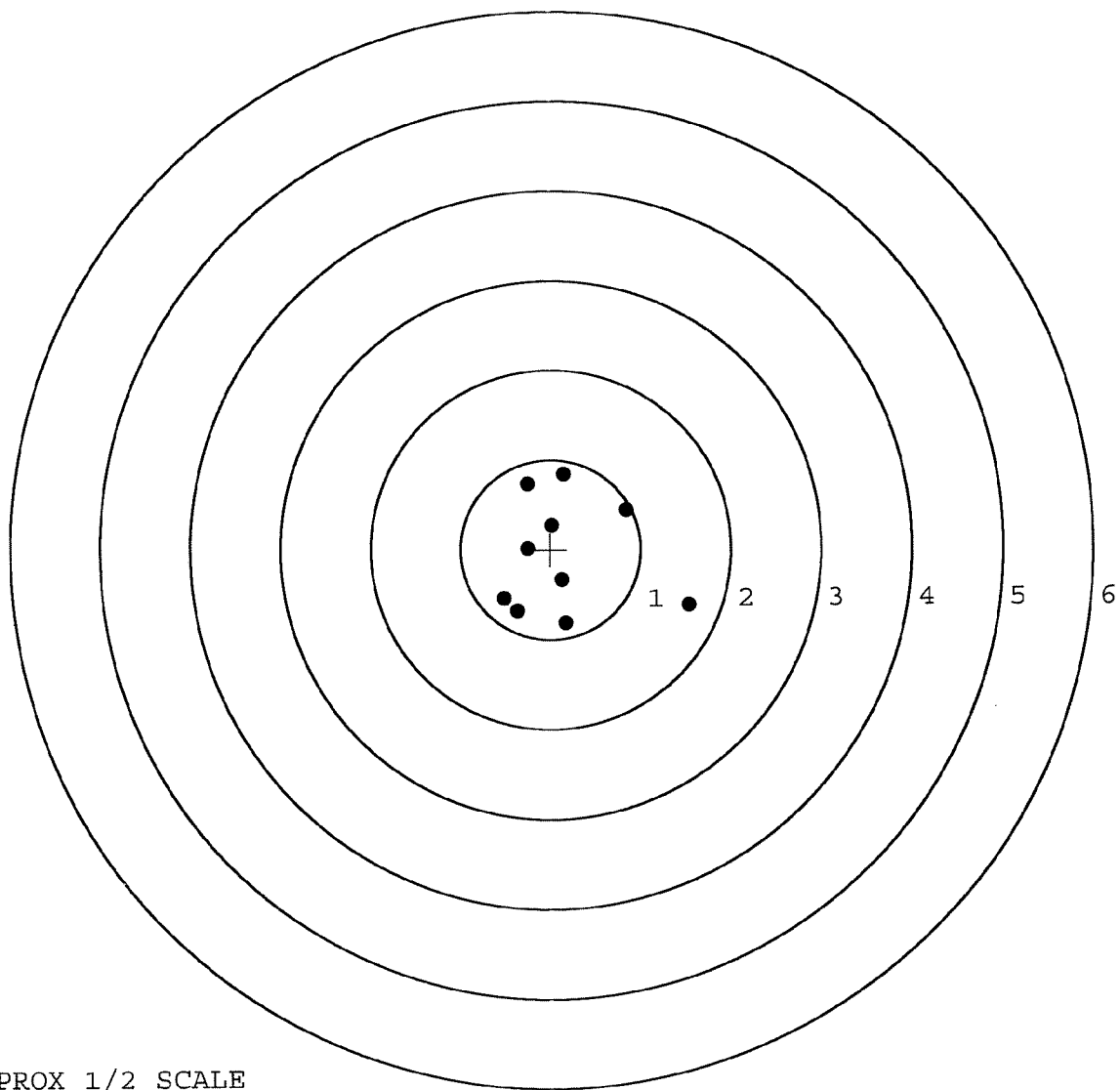
The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.092
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.795
The Distance from POA to Centroid Target #1:	0.163
The Distance from Centroid Target #2 to Centroid Target #1:	0.501
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.312
The Distance from Centroid Target #5 to Centroid Target #1:	0.312

BARBER - M24 0029800

SERIAL NUMBER: C6523533. __1
 TARGET NUMBER: 1
 FILE DATE: 04/24/2006
 FILE TIME: 08:29

POINT#	X	Y
1:	1.533	-0.631
2:	0.846	0.434
3:	0.151	0.838
4:	-0.259	0.728
5:	0.017	0.270
6:	-0.259	0.009
7:	0.127	-0.344
8:	0.172	-0.823
9:	-0.369	-0.687
10:	-0.518	-0.553

X CENTROID: 0.144
 Y CENTROID: -0.076
 POA TO CENTROID: 0.163
 HORZ SPREAD: 2.051
 VERT SPREAD: 1.661
 GROUP SPREAD: 2.249
 MIN RADIUS: 0.269
 MAX RADIUS: 1.496
 MEAN RADIUS: 0.759
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



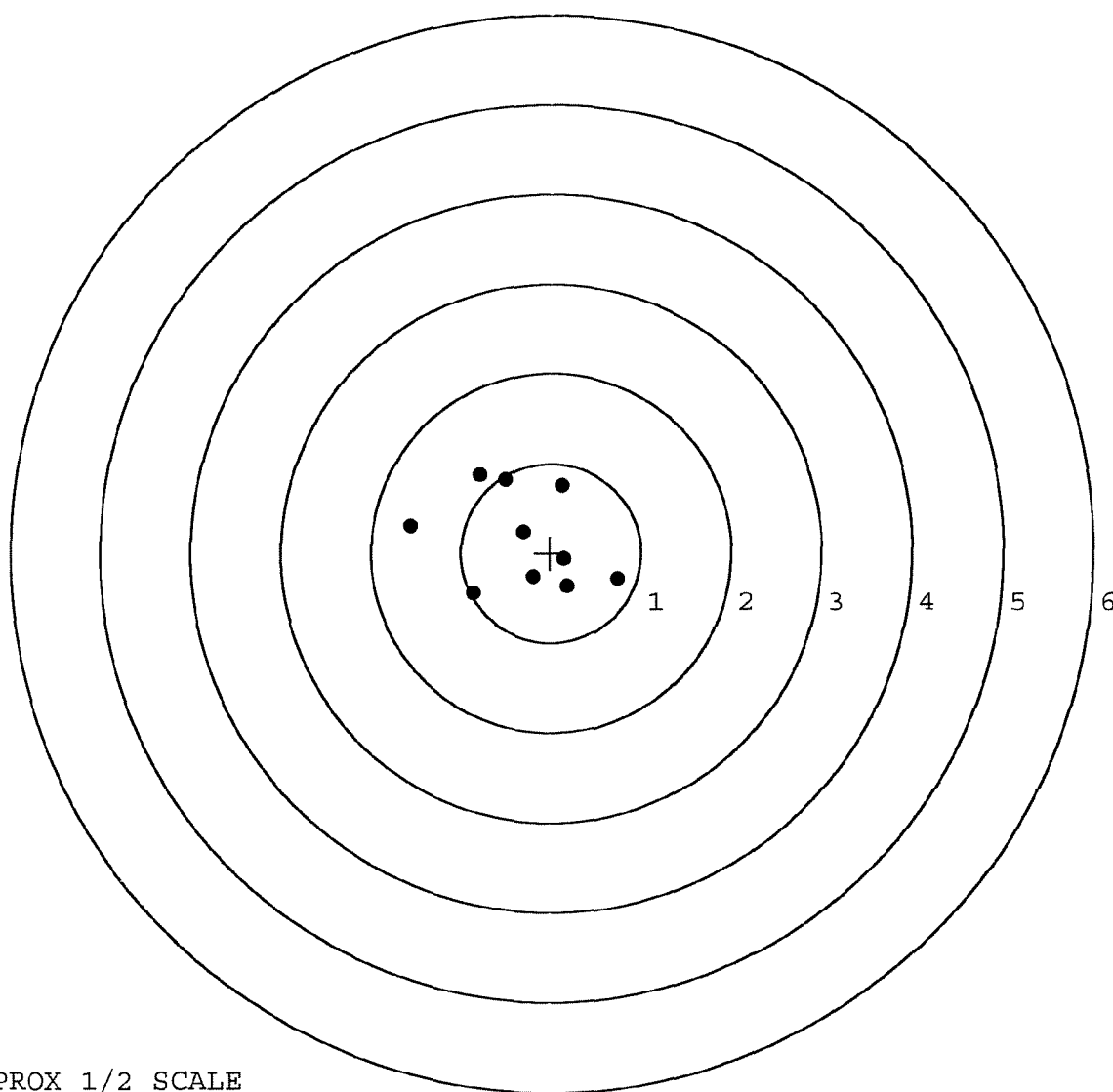
TARGET APPROX 1/2 SCALE

BARBER - M24 0029801

SERIAL NUMBER: C6523533. __1
 TARGET NUMBER: 2
 FILE DATE: 04/24/2006
 FILE TIME: 08:29

POINT#	X	Y
1:	0.745	-0.290
2:	-0.861	-0.457
3:	0.127	0.759
4:	-0.502	0.819
5:	-0.791	0.868
6:	-1.564	0.299
7:	-0.313	0.238
8:	-0.198	-0.267
9:	0.186	-0.378
10:	0.152	-0.072

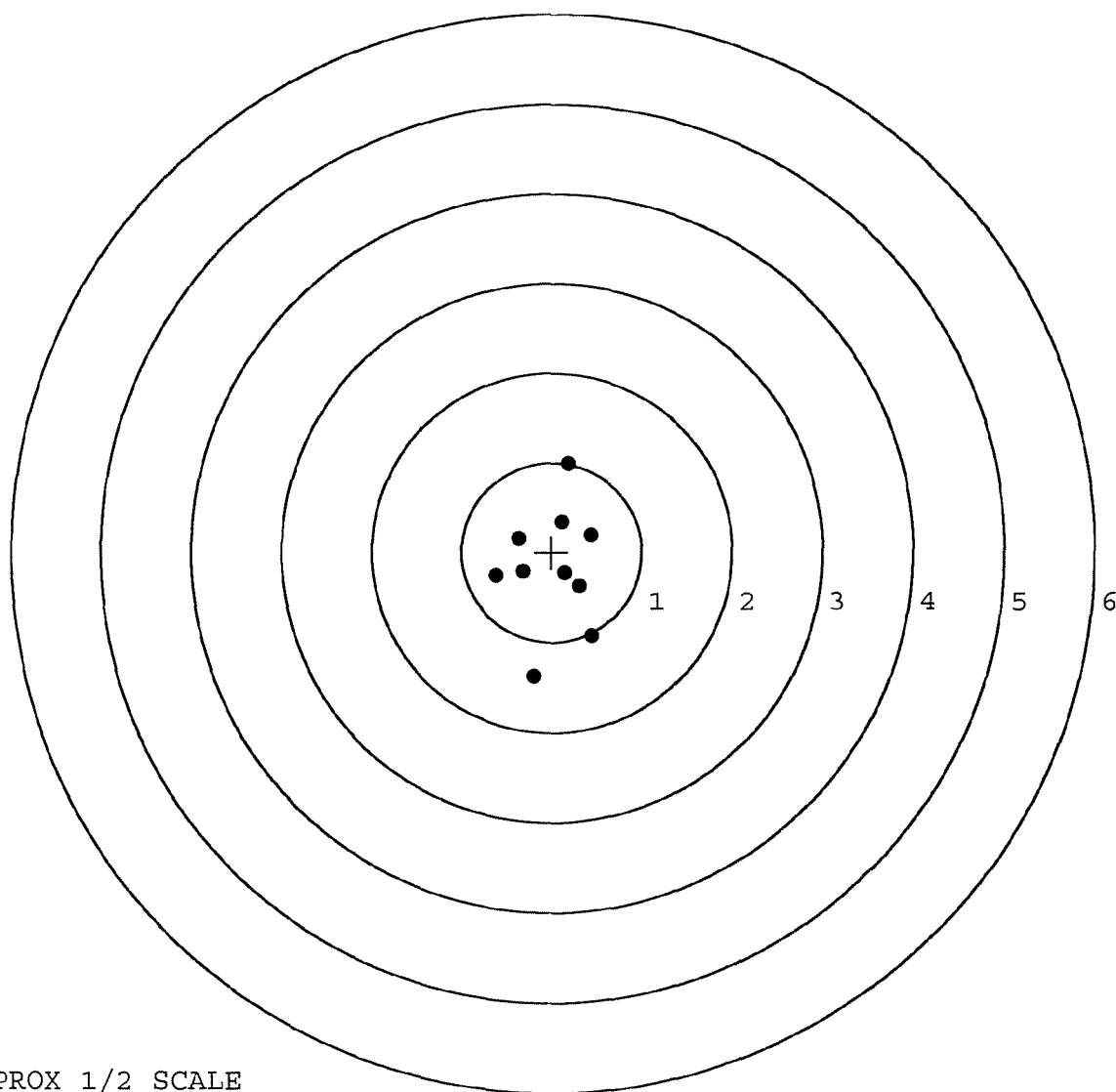
X CENTROID: -0.302
 Y CENTROID: 0.152
 POA TO CENTROID: 0.338
 HORZ SPREAD: 2.309
 VERT SPREAD: 1.325
 GROUP SPREAD: 2.383
 MIN RADIUS: 0.087
 MAX RADIUS: 1.271
 MEAN RADIUS: 0.729
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0029802

SERIAL NUMBER: C6523533. _1	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.187	-1.383
FILE DATE: 04/24/2006	2:	0.448	-0.939
FILE TIME: 08:29	3:	0.311	-0.380
	4:	0.148	-0.238
X CENTROID: 0.015	5:	0.437	0.187
Y CENTROID: -0.177	6:	0.118	0.338
POA TO CENTROID: 0.177	7:	0.183	0.989
HORZ SPREAD: 1.064	8:	-0.373	0.148
VERT SPREAD: 2.372	9:	-0.319	-0.220
GROUP SPREAD: 2.401	10:	-0.616	-0.270
MIN RADIUS: 0.146			
MAX RADIUS: 1.223			
MEAN RADIUS: 0.635			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



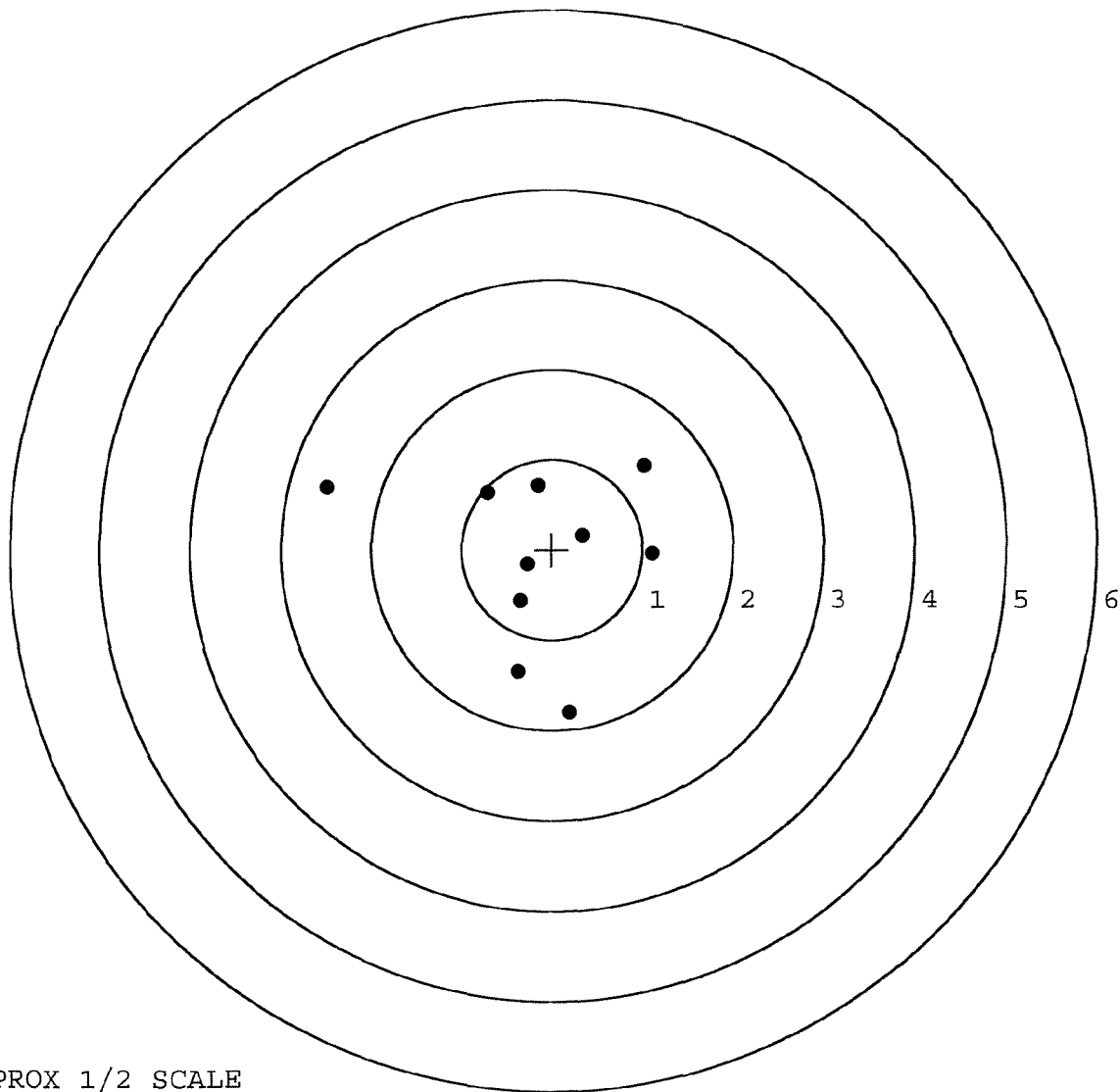
TARGET APPROX 1/2 SCALE

BARBER - M24 0029803

SERIAL NUMBER: C6523533. __1
 TARGET NUMBER: 4
 FILE DATE: 04/24/2006
 FILE TIME: 08:29

POINT#	X	Y
1:	1.113	-0.045
2:	1.017	0.932
3:	0.205	-1.813
4:	0.340	0.160
5:	-0.157	0.710
6:	-0.715	0.632
7:	-0.272	-0.163
8:	-0.347	-0.569
9:	-0.367	-1.358
10:	-2.498	0.674

X CENTROID: -0.168
 Y CENTROID: -0.084
 POA TO CENTROID: 0.188
 HORZ SPREAD: 3.611
 VERT SPREAD: 2.745
 GROUP SPREAD: 3.682
 MIN RADIUS: 0.131
 MAX RADIUS: 2.450
 MEAN RADIUS: 1.126
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0029804

SERIAL NUMBER: C6523533. __1

TARGET NUMBER: 5

FILE DATE: 04/24/2006

FILE TIME: 08:29

POINT#	X	Y
1:	0.508	-0.540
2:	0.512	-0.076
3:	0.733	0.069
4:	0.297	0.412
5:	-0.484	0.425
6:	-0.293	-0.016
7:	-0.578	-0.044
8:	-0.148	-0.418
9:	-0.474	-1.234
10:	-1.023	-1.347

X CENTROID: -0.095

Y CENTROID: -0.277

POA TO CENTROID: 0.293

HORZ SPREAD: 1.756

VERT SPREAD: 1.772

GROUP SPREAD: 2.256

MIN RADIUS: 0.151

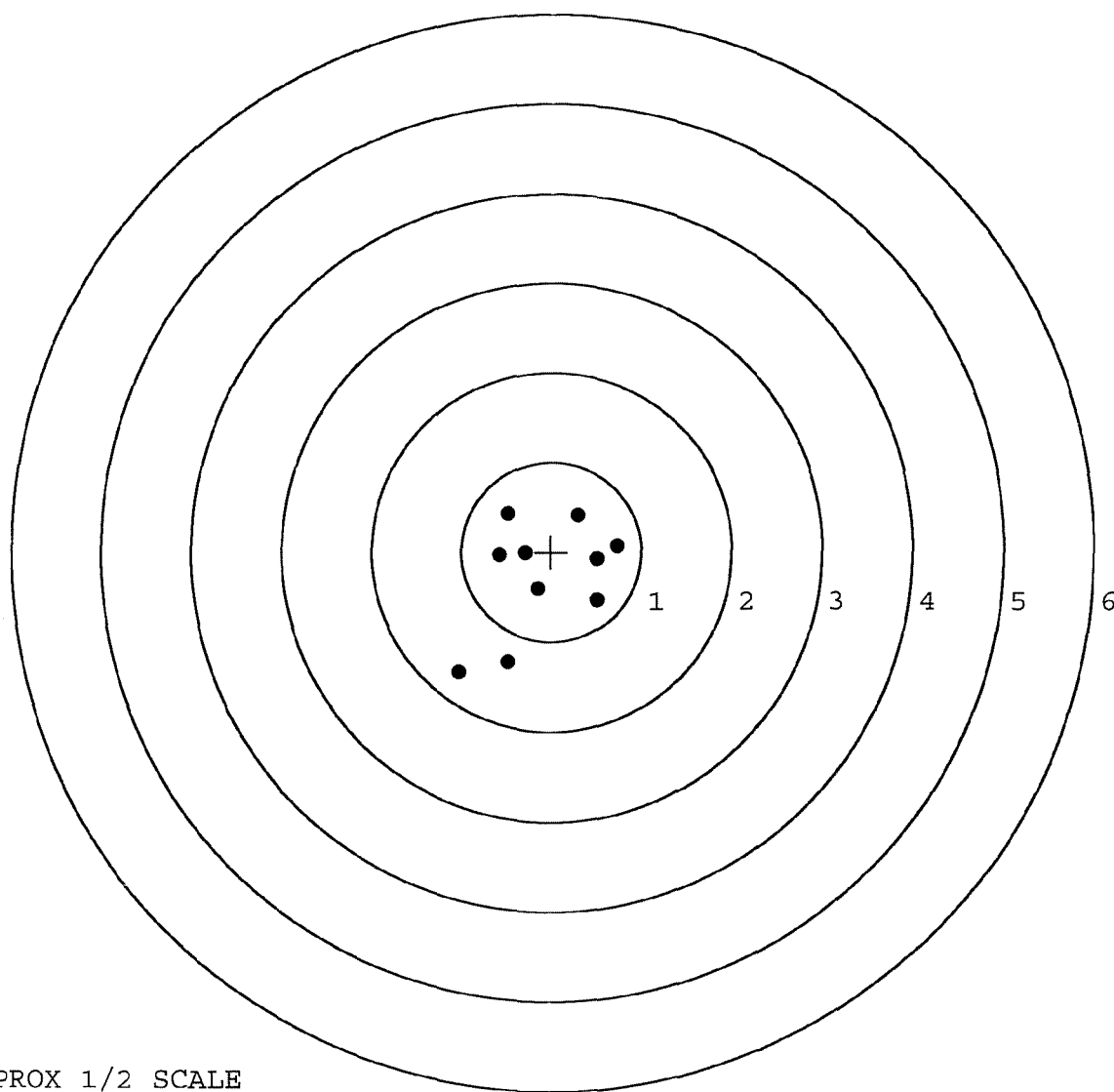
MAX RADIUS: 1.416

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 4-19-06

TESTER R.R.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	249	243		258	
PULL #2	247	247		255	
PULL #3	248	256		260	
PULL #4	248	256		260	
PULL #5	247	253		247	
TOTAL	1239	1255		1280	
AVERAGE	247	251		256	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	311	302		
PULL #2	306	298		
PULL #3	302	300		
PULL #4	299	295		
PULL #5	299	301		
TOTAL	1517	1496		
AVERAGE	303	299		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.08	4.00		4.03
PULL #2	4.10	4.17		4.02
PULL #3	4.07	4.22		4.00
PULL #4	4.15	4.17		4.12
PULL #5	4.12	4.20		4.04
TOTAL	20.52	20.76		20.21
AVERAGE	4.10	4.15		4.04

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

5043

R & E NUMBER	108323				
SERIAL NUMBER	06523533				
LOG-IN DATE	2-13-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		2-15-06	RTZ	
505	RE-BARREL		4-13-06	RTZ	
560	ASSEMBLE		4-17-06	RTZ	
600	PROOF	MAGNA-FLUX INSPECTED	4-19-06	RTZ	
605	CHECK HEADSPACE		4-19-06	RTZ	
610	DIS-ASSEMBLE GUN		4-19-06	RTZ	
612	MAGNAFLUX	APR 20 2006	4-20-06	APD	
510	DRILL AND TAP	N/A	4-20-06	CW	
615	ROLLMARK CALIBER		4-20-06	LB	
618	ROTO-BLAST		4-20-06	HP	
620	APPLY COATINGS				
625	FINAL ASSEMBLY		4-24-06	RTZ	
640	FUNCTION TEST AND	PASS	FAIL	4-24-06	TRW
650	TARGET	PASS	FAIL	4-24-06	TRW
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		4-24-06	RP	
	A) HEADSPACE	PASS	FAIL	4-26-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.25 2.25 2.10 2.20 2.25	4-25-06	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6.0 6.0 5.25	4-25-06	TRW
	G) SAFETY OFF FORCE	2 LBS	2.0 2.0 2.0	4-25-06	TRW
	I) FIRING PIN INDENT	.020	.021 .0215 .022	4-25-06	TRW
690	PACK			4-26-06	RTZ

Ams 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: **RE00043046** Serial: C6523533 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 3/11/02 10:43:32 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 1/503RD INFANTRY REGIMENT** **HHC 1/503RD INFANTRY REGIMENT**

Address 1: **UNIT 15059** **UNIT 15059**

Address 2: **PO Box:** **PO Box:**

City: **APD** **APD**

State: **CA** Zip Code: **96224** Country: **US** State: **CA** Zip Code: **96224** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Cond:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1

Repair Search **Refresh** **Close**

magley 3/11/02 10:58 AM CAPS NUM INS SCRL

Start Inbo... SW RAC SW M-24 Ar Print... 10:58 AM

Serial Number: **C6523533**

Model: **700**



RE00043046

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. _____

DATE 1/30/02TESTER D.N.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.35		2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.71	2.51		2.72	
PULL #3	2.65	2.52		2.52	
PULL #4	2.59	2.65		2.44	
PULL #5	2.68	2.61		2.30	
TOTAL	13.26	12.64			
AVG.	2.65	2.53			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.15		SS SS
PULL #2	3.19	3.11		
PULL #3	2.96	3.27		
PULL #4	3.02	3.37		
PULL #5	3.16	3.32		
TOTAL	15.42	16.22		
AVG.	3.08	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.49		4.05
PULL #2	4.04	4.39		3.81
PULL #3	4.18	4.29		4.03
PULL #4	4.24	4.23		4.05
PULL #5	4.22	4.29		4.10
TOTAL	20.93	21.69		20.04
AVG.	4.19	4.34		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523533.___0

FILE DATE AND TIME: 03/26/2002 18:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.104
The Average Y Centroid of the Five Target Set:	-0.075
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.887
The Distance from POA to Centroid Target #1:	0.207
The Distance from Centroid Target #2 to Centroid Target #1:	0.357
The Distance from Centroid Target #3 to Centroid Target #1:	0.235
The Distance from Centroid Target #4 to Centroid Target #1:	0.369
The Distance from Centroid Target #5 to Centroid Target #1:	0.358

BARBER - M24 0029810

SERIAL NUMBER: C6523533. 0

TARGET NUMBER: 1

FILE DATE: 03/26/2002

FILE TIME: 18:17

POINT#	X	Y
1:	1.517	-1.617
2:	0.981	-1.519
3:	0.491	-1.181
4:	-0.874	-1.052
5:	0.608	0.467
6:	-0.261	0.971
7:	-0.473	0.809
8:	-0.431	1.258
9:	-0.342	0.088
10:	-0.338	-0.100

X CENTROID: 0.088

Y CENTROID: -0.188

POA TO CENTROID: 0.207

HORZ SPREAD: 2.391

VERT SPREAD: 2.875

GROUP SPREAD: 3.473

MIN RADIUS: 0.435

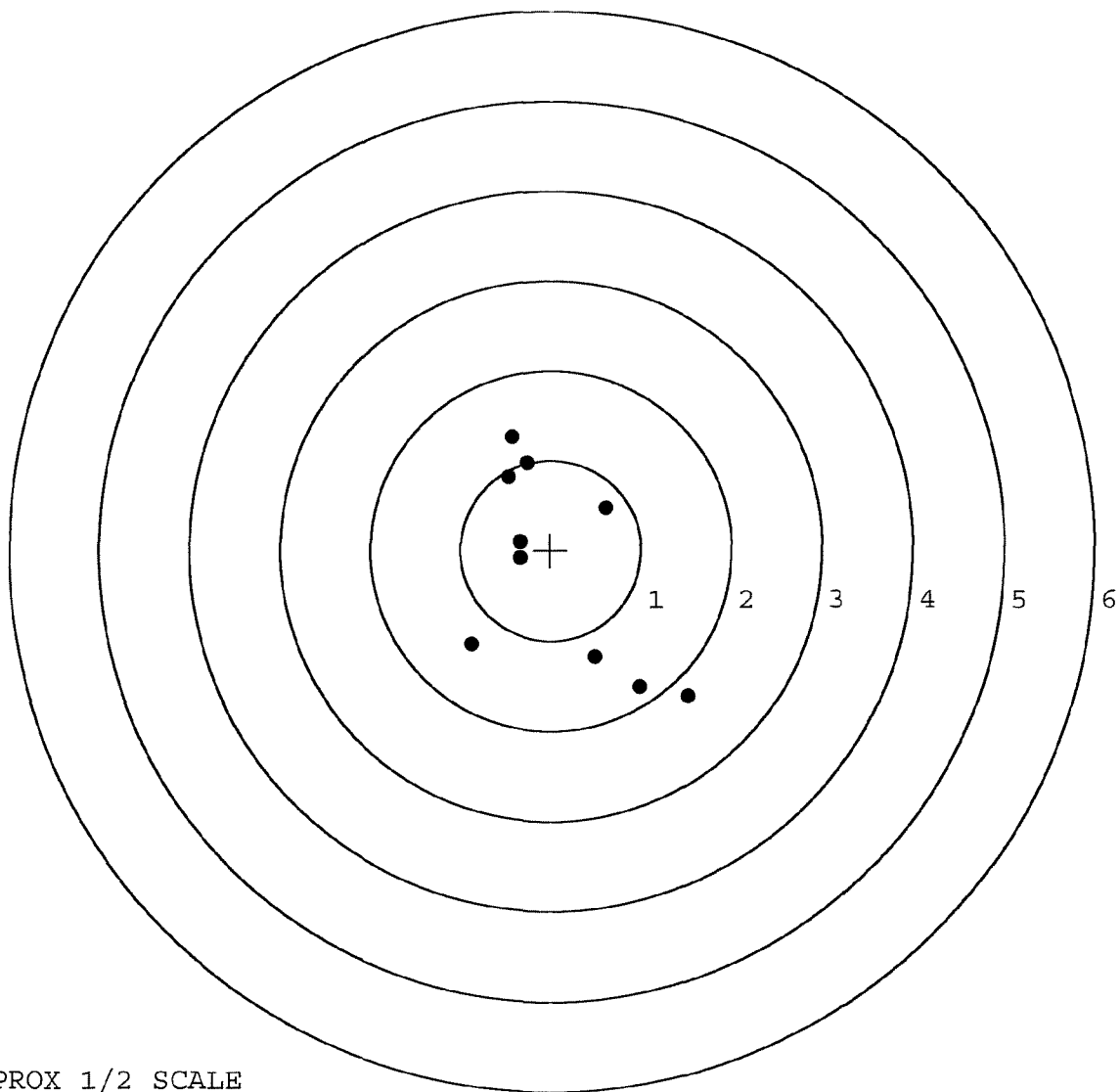
MAX RADIUS: 2.021

MEAN RADIUS: 1.166

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7



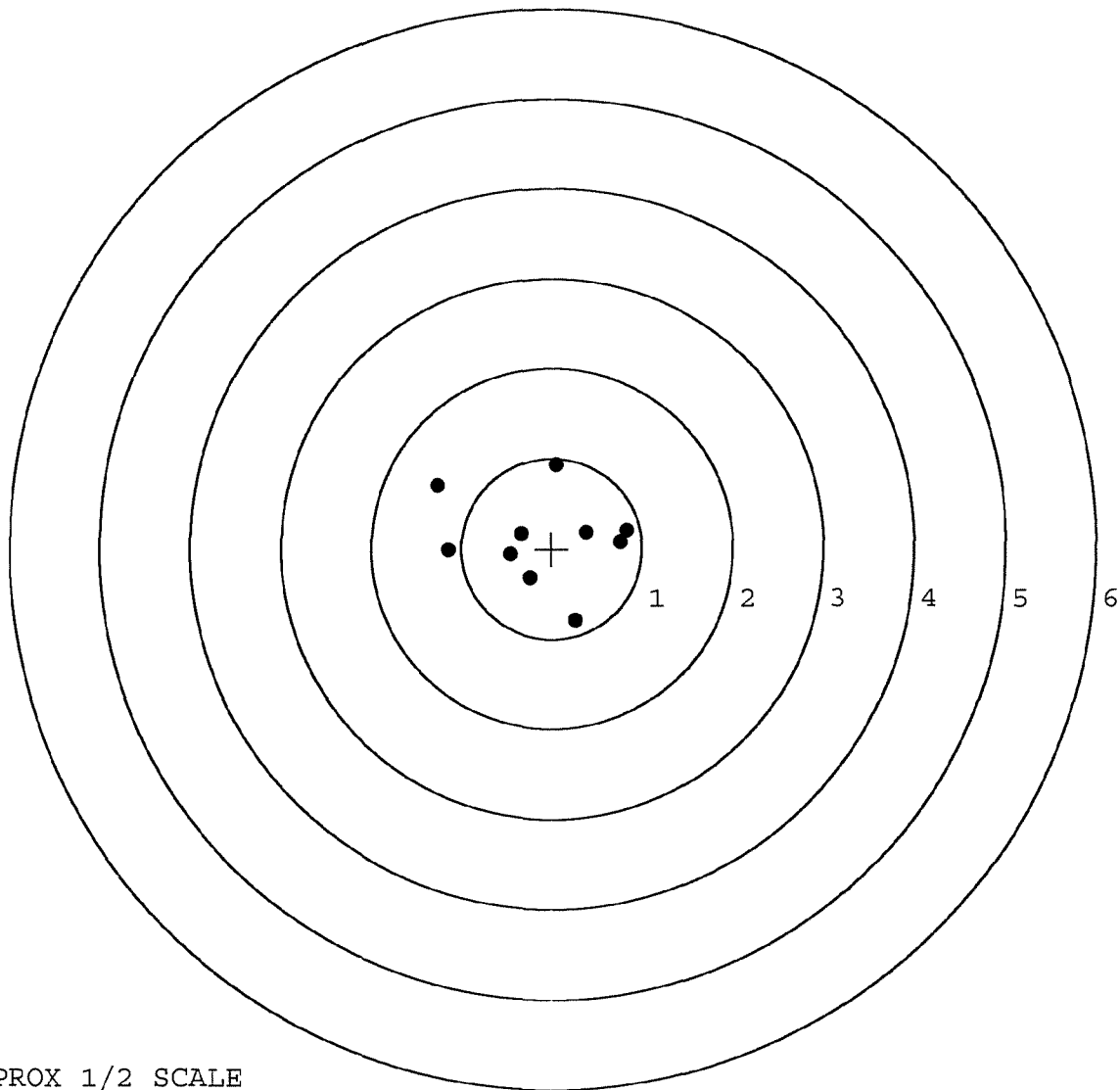
TARGET APPROX 1/2 SCALE

BARBER - M24 0029811

SERIAL NUMBER: C6523533. __0
 TARGET NUMBER: 2
 FILE DATE: 03/26/2002
 FILE TIME: 18:17

POINT#	X	Y
1:	0.263	-0.795
2:	0.821	0.206
3:	0.376	0.183
4:	0.047	0.931
5:	-1.140	-0.023
6:	-1.271	0.689
7:	-0.343	0.162
8:	-0.456	-0.073
9:	-0.245	-0.324
10:	0.757	0.074

X CENTROID: -0.119
 Y CENTROID: 0.103
 POA TO CENTROID: 0.157
 HORZ SPREAD: 2.092
 VERT SPREAD: 1.726
 GROUP SPREAD: 2.147
 MIN RADIUS: 0.232
 MAX RADIUS: 1.292
 MEAN RADIUS: 0.752
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

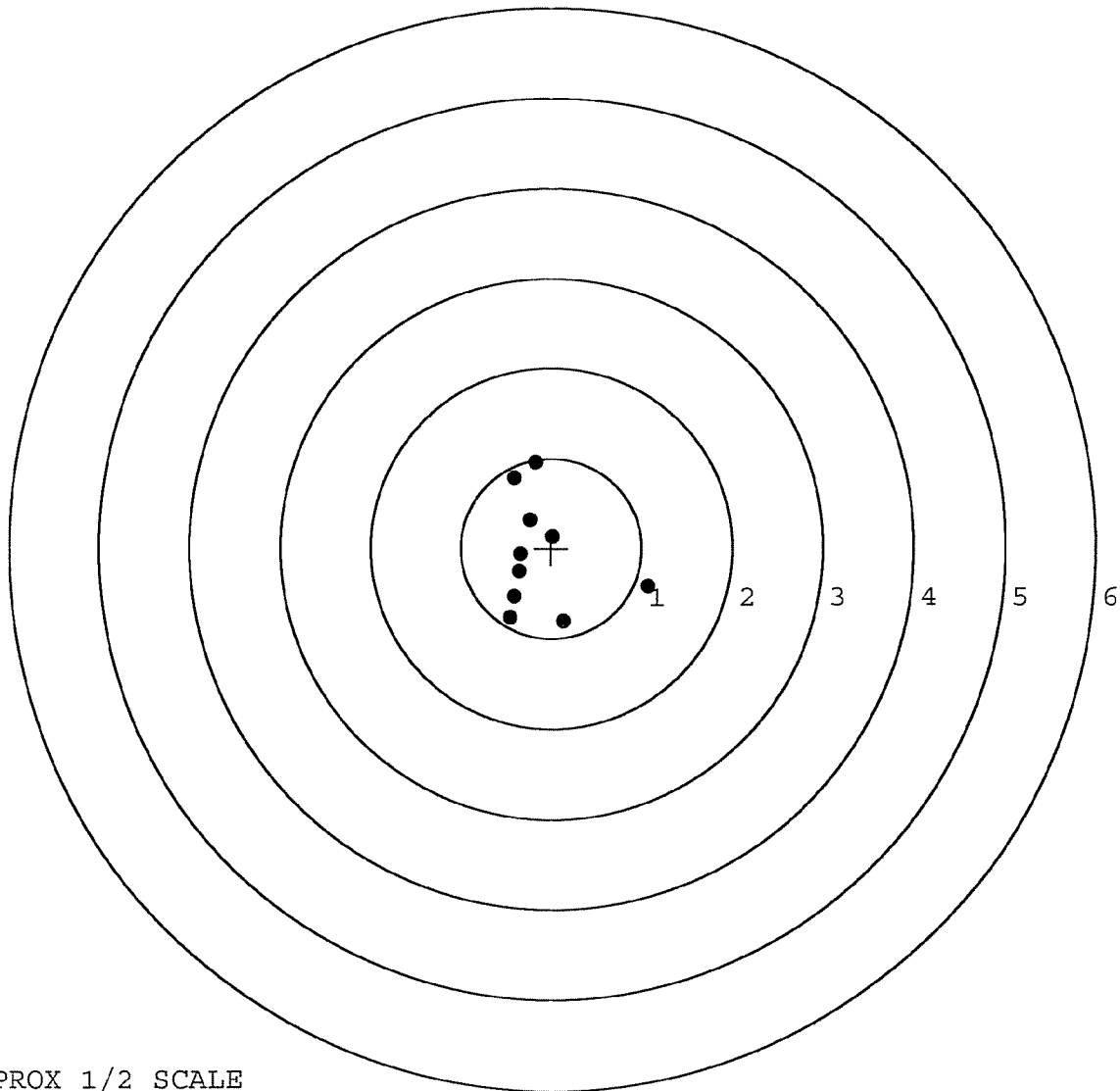


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523533. __0
 TARGET NUMBER: 3
 FILE DATE: 03/26/2002
 FILE TIME: 18:17

POINT#	X	Y
1:	1.071	-0.427
2:	0.140	-0.817
3:	-0.456	-0.778
4:	-0.408	-0.544
5:	-0.356	-0.261
6:	-0.178	0.954
7:	-0.407	0.785
8:	0.017	0.127
9:	-0.239	0.318
10:	-0.346	-0.068

X CENTROID: -0.116
 Y CENTROID: -0.071
 POA TO CENTROID: 0.136
 HORZ SPREAD: 1.527
 VERT SPREAD: 1.771
 GROUP SPREAD: 1.911
 MIN RADIUS: 0.230
 MAX RADIUS: 1.239
 MEAN RADIUS: 0.648
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

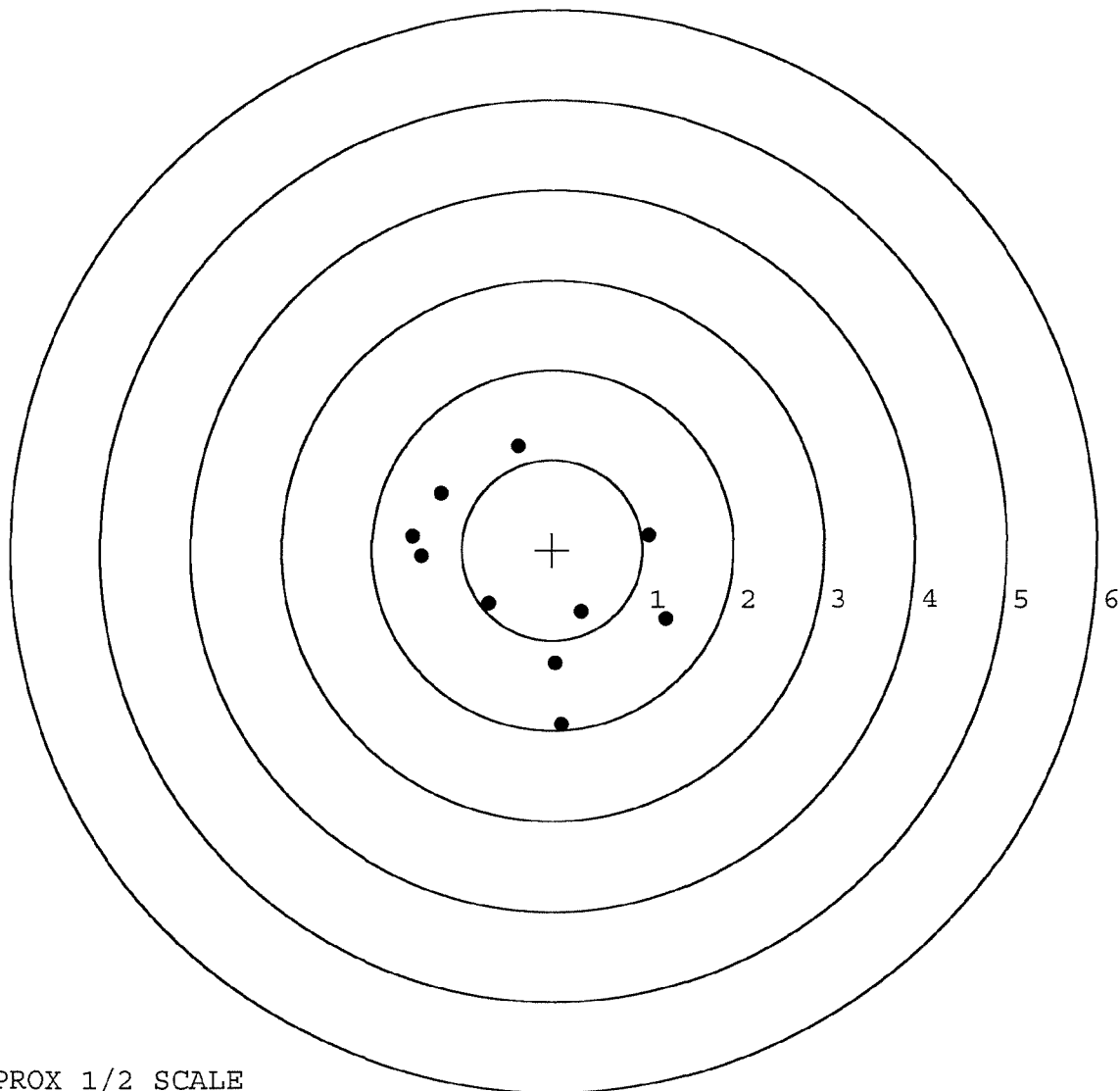


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523533. __0
 TARGET NUMBER: 4
 FILE DATE: 03/26/2002
 FILE TIME: 18:17

POINT#	X	Y
1:	0.105	-1.940
2:	0.037	-1.263
3:	0.321	-0.690
4:	1.254	-0.771
5:	1.069	0.165
6:	-0.701	-0.598
7:	-0.385	1.147
8:	-1.238	0.623
9:	-1.559	0.149
10:	-1.449	-0.077

X CENTROID: -0.255
 Y CENTROID: -0.326
 POA TO CENTROID: 0.413
 HORZ SPREAD: 2.813
 VERT SPREAD: 3.087
 GROUP SPREAD: 3.126
 MIN RADIUS: 0.523
 MAX RADIUS: 1.654
 MEAN RADIUS: 1.228
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0029814

SERIAL NUMBER: C6523533. __0

TARGET NUMBER: 5

FILE DATE: 03/26/2002

FILE TIME: 18:17

POINT#	X	Y
1:	0.600	-0.600
2:	0.399	0.246
3:	-0.160	0.904
4:	-0.337	0.698
5:	-0.727	0.210
6:	-0.602	0.052
7:	-0.308	-0.529
8:	0.029	-0.431
9:	0.218	-0.234
10:	-0.302	0.732

X CENTROID: -0.119

Y CENTROID: 0.105

POA TO CENTROID: 0.159

HORZ SPREAD: 1.327

VERT SPREAD: 1.504

GROUP SPREAD: 1.685

MIN RADIUS: 0.478

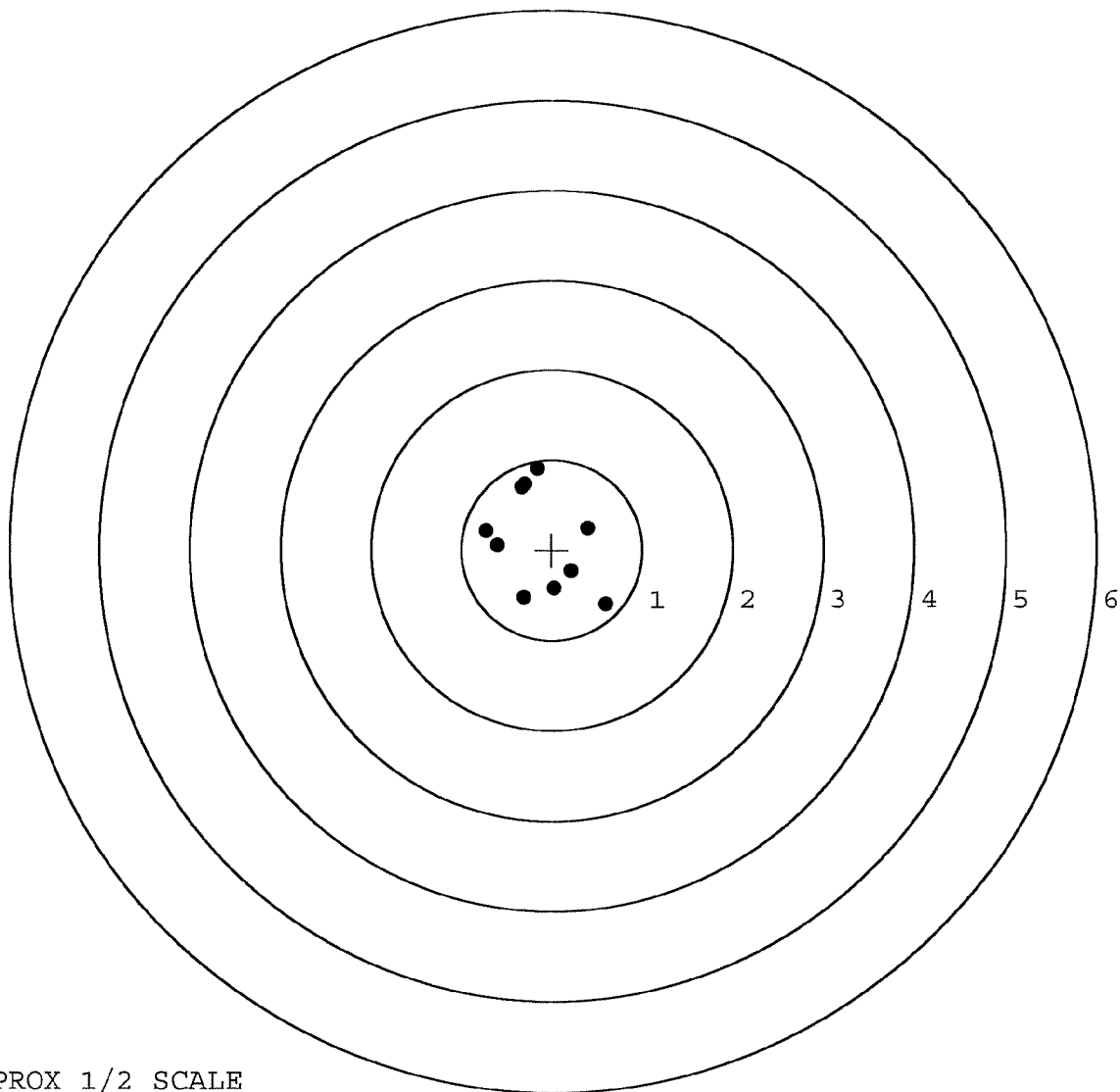
MAX RADIUS: 1.007

MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 43046			
SERIAL NUMBER C6523533			
LOG-IN DATE 3/11/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/15/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/18/02	BWT
B	DRILL AND TAP	3/18/02	BWT
C	POLISH		
575	ASSEMBLE	3/18/02	RH
600	PROOF	3/18/02	RW
605	CHECK HEADSPACE	3/18/02	RW
610	DIS-ASSEMBLE GUN	3/18/02	RW
612	MAGNAFLUX		OPERATOR
615	ROLLMARK CALIBER	3/19/02	TU
618	ROTO-BLAST		
620	APPLY COATINGS	3-21-02	TA
625 A	FINAL ASSEMBLY	3/22/02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-26-02	AC
655	FINAL INSPECT	3-27-02	RH
660	PACK	3-27-02	WA
		SHIP DATE	
		QAR INSPECTION DATE	

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

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

DUPONT

MODEL 700™ H24

SERIAL NO.
C6523533

ORDER NO.
5716

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

Ø1



5716 C6523533

UPC



0 47700 25716 7

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector Hole	10/30
TEST	Polish Ejector	46 Ru
TGT		
PROOF	Not OK	DH
TEST	10340 100 RE	
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. M24 GA. 308 GUN # 2533
CAL. 308

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
TEST	1st		
NF	10/15	Shaver Brass	RW
	2nd		
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523533

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	LS
617	Drill and Tap Sight Holes		9/28/90	LB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TA
	Apply Coating (Bolt)			
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	RM

op. #	BARBER - M24 0029820		READINGS					DATE	INIT
	OP. NAME								
625 cont.	F) Safety On Force		4	4	4			10/10/90	JK
	G) Safety Off Force		3	3	3			10/10/90	JK
	H) Trigger Pull Test & Retainability							10/10/90	JK
	I) Firing Pin Indent		.020	.0205	.0205			10/11/90	JK
	J) Assemble Stock							10/11/90	RW
	K) Assemble Swivel Studs							11-20-90	DH
	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							"	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								
	A) Headspace							11-20-90	DH
	B) Trigger Pull		280	271	278	273	273	11-20-90	DH
	C) Function							11-20-90	DH
660	Pack							12/14/90	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6523533

DATE 10/10/90

TESTER JFL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.25	2.27	2.80	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.22	2.25	2.71	
PULL #3	2.38	2.29	2.30	2.78	
PULL #4	2.24	2.19	2.20	2.73	
PULL #5	2.36	2.21	2.20	2.73	
TOTAL	11.87	11.16	11.22		
AVG.	2.374	2.232	2.244		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.22		
PULL #2	3.31	3.19		
PULL #3	3.39	3.22		
PULL #4	3.50	3.19		
PULL #5	3.16	3.21		
TOTAL	16.87	16.03		
AVG.	3.374	3.206		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.24		4.10
PULL #2	4.29	4.27		4.23
PULL #3	4.32	4.17		4.16
PULL #4	4.30	4.19		4.10
PULL #5	4.28	4.26		4.10
TOTAL	21.36	21.13		20.69
AVG.	4.272	4.226		4.138

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523533
16 Oct 1990

CENTROIDAL DISTANCES

Ø TO	1	.402404
1 TO	2	.714822
1 TO	3	.316571
1 TO	4	.123321
1 TO	5	.606

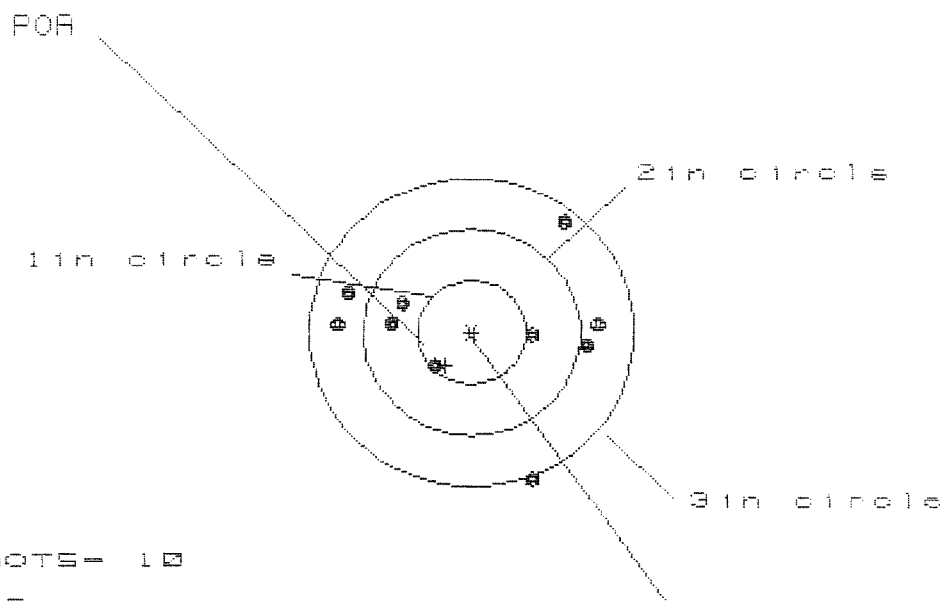
5.2¹⁴ <----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .130614
THE AMR FOR THIS RIFLE IS: .8618

15 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523533

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 8

HS = 2.398

VS = 2.501

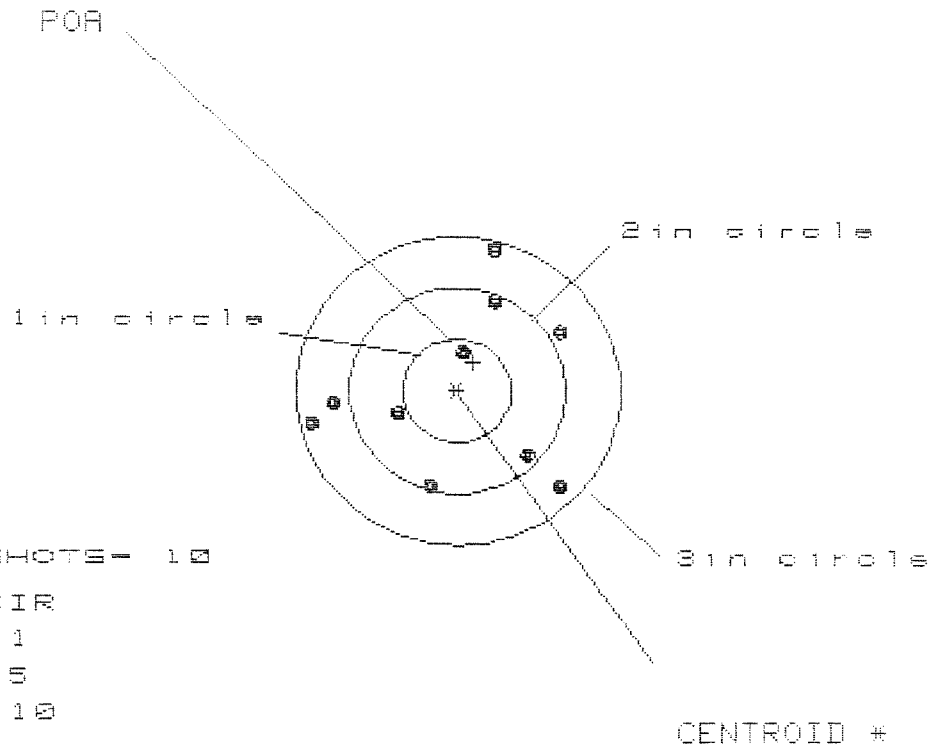
GS = 2.521

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.186	1.248	1.359
MINIMUM X	-1.212	-1.150	-1.039
MAXIMUM Y	1.071	.912	.344
MINIMUM Y	-1.430	-.519	-.405
CENTROID X	.240	.178	.067
CENTROID Y	.323	.482	.368
POA TO CENTROID in.	.402	.513	.374
MIN RADIUS	.503	.594	.442
MEAN RADIUS	1.002	.935	.862
MAX RADIUS	1.536	1.272	1.360
HORIZONTAL SPREAD	2.398	2.398	2.398
VERTICAL SPREAD	2.501	1.431	.749
EXTREME SPREAD	2.521	2.399	2.399
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

16 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523533

CENTERFIRE PATTERNS # 2

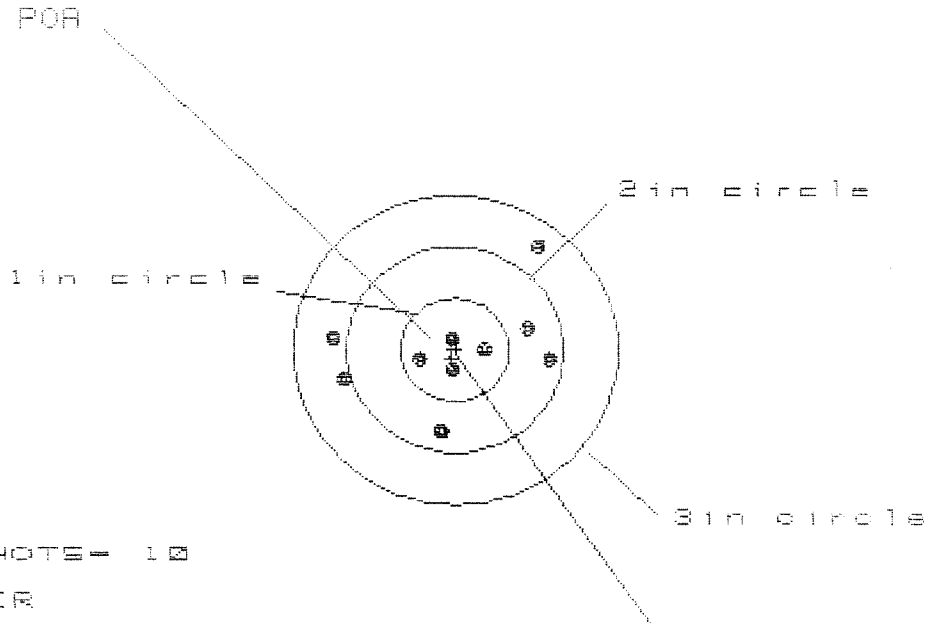


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.951	.992	.828
MINIMUM X	:	-1.353	-1.311	-1.235
MAXIMUM Y	:	1.364	1.000	.981
MINIMUM Y	:	-.957	-.805	-.824
CENTROID X	:	-.147	-.189	-.025
CENTROID Y	:	-.278	-.430	-.411
POA TO CENTROID in.	:	.315	.469	.412
MIN RADIUS	:	.346	.474	.474
MEAN RADIUS	:	.997	.945	.891
MAX RADIUS	:	1.413	1.319	1.237
HORIZONTAL SPREAD	:	2.303	2.303	2.063
VERTICAL SPREAD	:	2.321	1.805	1.805
EXTREME SPREAD	:	2.417	2.417	2.235
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8583533

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

ME = 1.895

VS = 1.728

GS = 2.167

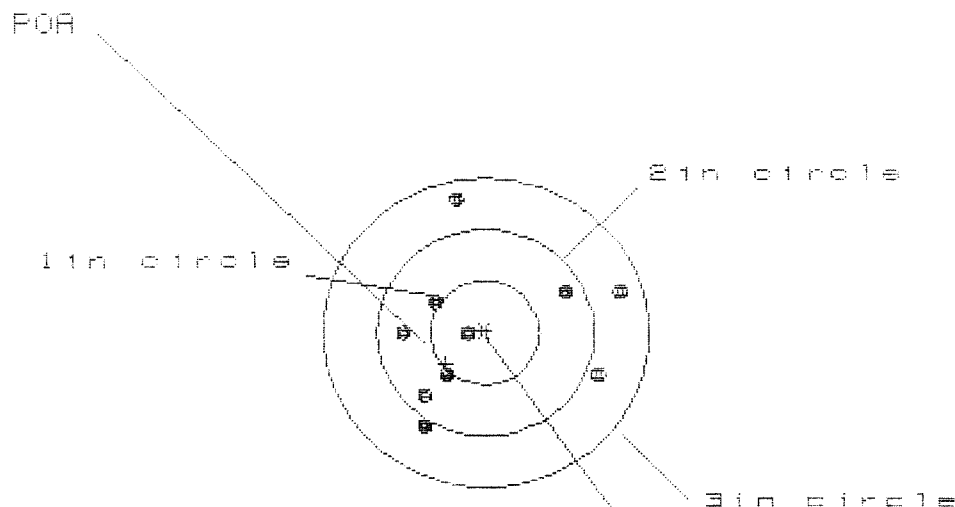
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.887	.971	.843
MINIMUM X	:	-1.108	-1.024	-1.048
MAXIMUM Y	:	.984	.286	.312
MINIMUM Y	:	-.744	-.635	-.609
CENTROID X	:	.029	-.055	.073
CENTROID Y	:	.087	-.022	-.048
POB TO CENTROID in.	:	.092	.060	.087
MIN RADIUS	:	.114	.050	.122
MEAN RADIUS	:	.668	.592	.537
MAX RADIUS	:	1.241	1.045	1.058
HORIZONTAL SPREAD	:	1.995	1.995	1.891
VERTICAL SPREAD	:	1.728	.921	.921
EXTREME SPREAD	:	2.167	2.007	1.898
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523533

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.993

VS= 2.231

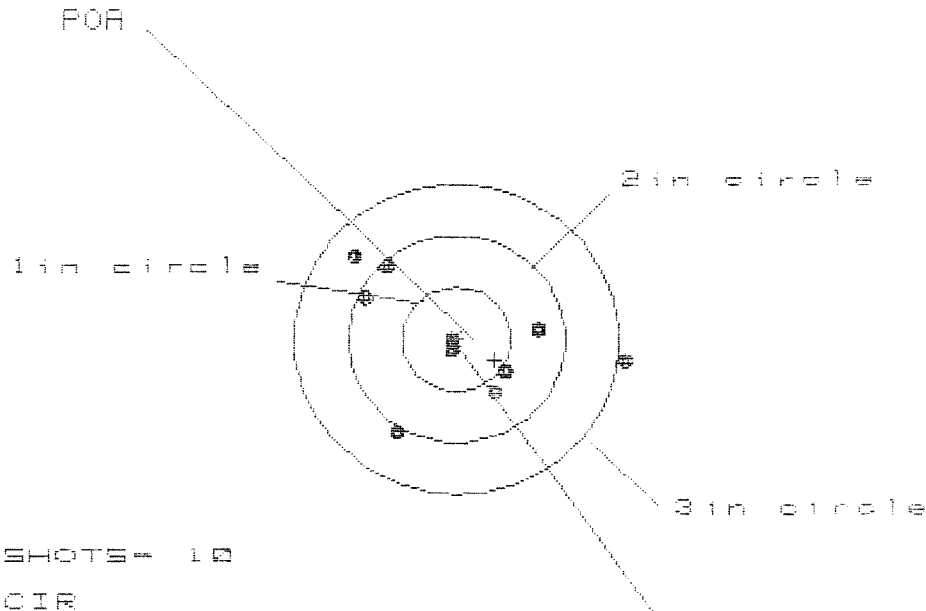
GS= 2.246

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.216	1.149
MINIMUM X	:	-.749	-.777	-.625
MAXIMUM Y	:	1.287	.553	.605
MINIMUM Y	:	-.944	-.801	-.731
CENTROID X	:	.362	.390	.238
CENTROID Y	:	.305	.162	.092
POA TO CENTROID in.	:	.473	.422	.255
MIN RADIUS	:	.200	.263	.214
MEAN RADIUS	:	.846	.789	.671
MAX RADIUS	:	1.312	1.336	1.174
HORIZONTAL SPREAD	:	1.993	1.993	1.774
VERTICAL SPREAD	:	2.231	1.354	1.336
EXTREME SPREAD	:	2.246	2.221	1.838
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/085E3533

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 0

HS= 2.568

VS= 1.792

GS= 2.784

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.588	.970	.869
MINIMUM X	:	-.988	-.813	-.734
MAXIMUM Y	:	.842	.816	.774
MINIMUM Y	:	-.950	-.976	-.874
CENTROID X	:	-.354	-.529	-.428
CENTROID Y	:	.263	.229	.127
POA TO CENTROID in.	:	.488	.577	.446
MIN RADIUS	:	.058	.110	.035
MEAN RADIUS	:	.796	.717	.622
MAX RADIUS	:	1.597	1.152	.983
HORIZONTAL SPREAD	:	2.568	1.783	1.603
VERTICAL SPREAD	:	1.792	1.792	1.648
EXTREME SPREAD	:	2.784	1.918	1.708
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	