

BARBER - M24 0089024

G 653 4979

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

SERIAL NO.



66534979

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



DD FORM

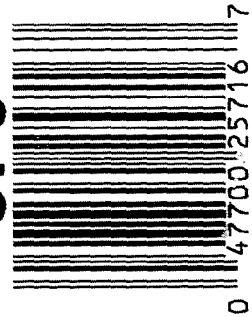
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6534979

UPC



08/13/08 08:26:59

Arms Services Repair & Estimate System

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

Repair Number: RE00148304	Serial: G6534979 Model M24 SWS Center Fire Caliber: 7.62 NATO Produced: 04/12/2006	Repairman:
Verify Repair: High Priority	Status: Closed 7/30/2008 2:39:38 PM	

Address Information

Customer: ☒ Received From	Return To: ☒ Received From
Name: EMBASSY OF THE USA	EMBASSY OF THE USA
Address 1: MUTUAL DEFENCE ASSISTANCE OFFICE	MUTUAL DEFENCE ASSISTANCE OFFICE
Address 2: UNIT 45004 BOX 225 PO Box:	UNIT 45004 BOX 225 PO Box:
City:	
State: Zip Code: APD Country: IT	State: Zip Code: APD Country: IT

 FFL:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
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Contact Information Phone: NN 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>A008</td> <td>With Swivel</td> <td>2</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</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>A045</td> <td>Bi Pod</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A008	With Swivel	2	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1
Code	Desc	Qty																					
A007	With Stud	3																					
A008	With Swivel	2																					
A010	Hard Case	1																					
A017	Scope Base	1																					
A026	Scope	1																					
A045	Bi Pod	1																					

Repair Search	Refresh	Close
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nagletj 8/13/2008 8:26 AM CAPS NUM INS SCRL

start 7 Mic... Arms S... Part S... 4 Mic... Grayb... Stock ... 8:26 AM

 Serial Number: **G6534979**

 Model: **M24 SWS**

RE00148304

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

R & E NUMBER

SERIAL NUMBER

C66534979

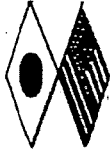
LOG-IN DATE

6-27-08

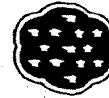
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN		
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
510	DRILL AND TAP		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL		
	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE		
	2 LBS MIN 10 LBS MAX		
	G) SAFETY OFF FORCE		
	2 LBS .020		
690	PACK		

Replace STOCK 8-13-08 RTZ

8/13/08 FM



EMBASSY OF THE UNITED STATES OF AMERICA
MUTUAL DEFENSE ASSISTANCE OFFICE, JAPAN
UNIT 45004, BOX 225
APO AP 96337-5004



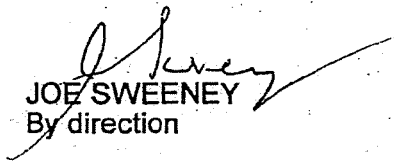
0809-04
Ser MDO-21:ak/0557
14 April 2008

From: Chief, Mutual Defense Assistance Office, Japan
To: Director, Import Division, Equipment Procurement and Construction Office,
Ministry of Defense

Subj: SDR - A0002-JA-B-XAX/001

Encl: (1) USASAC-NC (AMSAC-MA-CM-AP) memo of 31 Mar 08

1. Enclosure (1) is forwarded for your appropriate action.
2. POC is Joe Sweeney, LTC, USA; Director, Army Programs; e-mail jmsweeney@san.osd.mil, phone CM 03-3224-5406, fax 03-3224-5418.


JOE SWEENEY
By direction



DEPARTMENT OF THE ARMY
U.S. ARMY SECURITY ASSISTANCE COMMAND
54 M Avenue Suite 1
New Cumberland, PA 17070-5096

REPLY TO
ATTENTION OF

AMSAC-MA-CM-AP (12-12A)

31 MARCH 2008
s: 27 SEPTEMBER 2008

MEMORANDUM FOR CHIEF, MUTUAL DEFENSE ASSISTANCE OFFICE,
ATTN: MDO-21, UNIT 45004, BOX 225, APO AP 96337-5000

SUBJECT: Security Assistance Supply Discrepancy Report (SDR)

1. Reference Supply Discrepancy Report, Country Code JA, Case XAX, SDR Number A0002, NSN: 1005-01-240-2136, Requisition Number BJAB95 5357 9001, (encl 1).

2. Request the discrepant material, NSN: 1005-01-240-2136, SER#: 6534979, M24 SNIPER RIFLE, 7.62mm, Quantity: 1 EA, be returned to U.S. using the enclosed Issue Release/Receipt Document (encl 2) as authority for the return and as a source document for preparing bills of lading and other shipping papers. Ship under a Collect Commercial Bill of Lading (CCBL) via the most economic mode of transportation available to the address indicated below.

_____ Fleet and Industrial Supply Center, Ocean Terminal Division, ATTN: Code 302.1, Building CEP 201, Norfolk VA 23511-3392 for onward movement to the CONUS location indicated in block 3 of the enclosed Issue Release/Receipt Document (IRRD).

_____ Defense Distribution Depot San Joaquin, Receiving Warehouse 10, Attn: Branch Chief, 25600 South Chrisman Road, Tracy CA 95304-9150 for onward movement to the CONUS location indicated in block 3 of the enclosed Issue Release/Receipt Document (IRRD).

✓ Other. Directed Return. Air Mobility Command (AMC) Channel Airlift Authorized. Offer to the theater air clearance authority for AMC Channel Airlift from APOE to SUU. SUU Trans MVMT Office will forward shipment to DoDAAC: CMATDX.

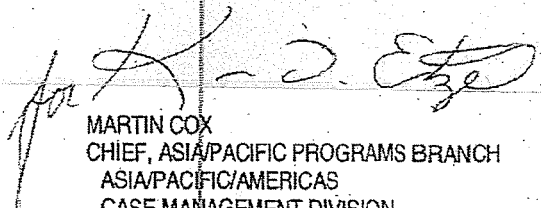
3. Since the enclosed IRRD contains essential data for reimbursing carriers, clearing Customs etc., one copy should be attached to outside of the shipment unit (box, skid, pallet etc.) used to return the material. One copy should also be attached to outside of the CCBL issued by the over ocean carrier for the return. One copy of the IRRD and the SDR should be placed inside the shipment unit. Do not mix individual returns in the same shipment unit; the entire unit must be forwarded intact to its final CONUS destination.

4. A credit adjustment, if applicable, will be processed upon receipt of the material at the CONUS depot specified in the enclosed IRRD. The signed LOA under which this material was originally purchased imposes a 180 day limit from the date these instructions are issue to the date the material must be in U.S. Government custody. There this material must be in U.S. Government custody no later than 27 SEP 2008, the above suspense date. Otherwise, the SDR will be cancelled. The U.S. Government will not be responsible for any transportation or related costs if material is not received by this date. Debit billing will be processed for wrong items not returned within this time limit.

5. The U.S. Army Security Assistance Command (USASAC) point of contact regarding this SDR is

KIM D. ETZEL
E-mail: kim.etzel@usasac.army.mil
Phone: 717-770-6498 / DSN 771-6498

FOR THE COMMANDER

for 
MARTIN COX
CHIEF, ASIA/PACIFIC PROGRAMS BRANCH
ASIA/PACIFIC/AMERICAS
CASE MANAGEMENT DIVISION

2 Encls
CF (w/ encls):

AMSAC-O FL 815-A 19 MAY 05

1. TOTAL PRICE										2. SHIP FROM										3. SHIP TO DODAAC CMATDX: Remington Arms 14 Hoefler Ave, Ilion, NY 13357																																							
UNIT PRICE										DOLLARS										CTS																																							
DOLLARS										CTS										4. MARK FOR FMS SDR (JA-XAX/A0002) RETURN ATTN: Mr. TOM NAGLE																																							
6 4 1 4 4 0										6 4 1 4 4 0																																																	
B. DOC DATE										6. NMFC										7. FRT RATE										8. TYPE CARGO										9. PS																			
10. QTY. REC'D										11. UP										12. UNIT WEIGHT										13. UNIT CUBE										14. UFC										15. SL									
16. FREIGHT CLASSIFICATION NOMENCLATURE																																																											
17. ITEM NOMENCLATURE																																																											
M24 SNIPER RIFLE, 7.62mm																																																											
18. TY CONT										19. NO CONT										20. TOTAL WEIGHT										21. TOTAL CUBE																													
22. RECEIVED BY																				23. DATE RECEIVED																																							

25. DOCUMENT NUMBER & SUFFIX (30-44)		BJAB95 5357 9001 SDR JA-B-XAX-A0002 AEP'S SDR#: 196970	
25. NATIONAL STOCK NO. & ADD (18-22)		M24 SNIPER RIFLE SERIAL#: 6534979 NSN:1005-01-240-2136 RIC: BKZ	
26. RIC (4-6) UI (23-24) QTY (25-27) COST (28-30) DIST (31-33) UP (34-36)		RIC: BKZ UI/QTY: EA 00001 SDR: JA-B-XAXA0002	
27. ADDITIONAL DATA		This material is to be forwarded to DoDAAC: CMATDX (Mr. Tom Nagle) for repair and/or replacement action. BKZ DIRECTED RETURN. AIR MOBILITY COMMAND (AMC) CHANNEL AIRLIFT AUTHORIZED. OFFER TO THE THEATER AIR CLEARANCE AUTHORITY FOR AMC CHANNEL AIRLIFT FROM APOE OKO TO APOD SUU. SUU TRANS MYMT OFFICER WILL FORWARD SHIPMENT TO: DoDAAC: CMATDX; REMINGTON ARMS COMPANY INC., ATTN: TOM NAGLE, 14 HOEFLER AVENUE, ILION, NY 13357-1816. (TEL#: 315-423-8541) .MARK "SDR RETURN", ENCLOSE A COPY OF THIS SDR WITH THE RETURN MATERIAL. MUST USE TRACEABLE AND MOST ECONOMIC MEANS AVAILABLE. TRANS ACCT CODE (TAC) BIII APPLIES TO AMC CHANNEL MOVEMENT AND TO INLAND CONUS TRANSPORTATION FROM SUU TO DoDAAC: CMATDX. TRANSPORTATION CHARGEABLE TO FUND CITE: 97-11X8242.L009 8401 (JA) GBL 5843000 TAC CODE: BIII	

ATTN: Mr. Tom Nagle
COMMERCIAL TEL: (315) 895-3289; FAX: (315) 895-3209
EMAIL ADDR : Tom.Nagle@remington.com

PREVIOUS EDITION MAY BE USED

USAPA 1.03

3 3 普通第 7 4 9 号 (19. 6. 26) 18-5950 (19. 1. 12)

SUPPLY DISCREPANCY REPORT (SDR)		1. DATE OF PREPARATION		2. REPORT NUMBER	
☐ SHIPPING ☐ PACKAGING		JUL. - 4. 2007		A0002-JA-B-XAX/001	
3. TO (Name and address, include ZIP Code)		4. FROM (Name and address, include ZIP Code)			
Commander, U.S. Army Security Assistance Command ATTN: ANSAC-MA-CN-PA, 54M Avenue, Suite 1. New Cumberland, PA 17070-5096		Import Division, Equipment Procurement Office, Japan Defense Agency 5-1 Ichigayahonmura-cho, Shinjuku-ku, Tokyo, Japan 162-8860			
5a. SHIPPER'S NAME		5b. NUMBER AND DATE OF INVOICE		1. TRANSPORTATION DOCUMENT NUMBER	
REMINGTON ARMS COMPANY, INC 14 HOEFLER AVE ILION NY 13357 USA		19 Dec 2006		(GBL, V, 9, 11, TCN, etc.) DOCUMENT NUMBER: BJAB95 5357 9001 XBX	
7a. SHIPPER'S NUMBER (Purchase Order or Shipment Contract, etc.)		7b. OFFICE ADMINISTERING CONTRACT		8. REQUISITIONER'S NUMBER (Request, Purchase Request, etc.)	
				BJAB95 5357 9001	
9. SHIPMENT, BILLING, AND RECEIPT DATA			10. DISCREPANCY DATA		
NSN: 1005-01-240-2136 M24 SNIPER RIFLE 7.62MM			UNIT OF ISSUE: EA QUANTITY SHIPPED/BILLED: 100 (157) QUANTITY RECEIVED: 100 (157) QUANTITY: 1 UNIT PRICE: 6,379.12 TOTAL COST: 6,414.40 CODE: Q1 ACTION CODE: 1Z		
12. REMARKS (Continue on separate sheet of paper if necessary)					
FMS Case: JA-B-XAX Q1: 1EA Sniper Rifle (Serial #6534979) has discrepancy. After 110 shots, found 3 cracks in the stock. 1Z: Request for exchanging the defective material. The material will be held by the KANTO Depot. JGSDF can be returned to 374 AW, YOKOTA AB, Japan for transshipment. TCN: BJAB95 5357 9001 XBX ATTACH: DD FORM 1348-1A, photos					
DISCREPANCY CODES			ACTION CODES		
CONDITION OF MATERIAL C1 - In condition other than that indicated on release/receipt document C2 - Expired shelf life C3 - Damaged parcel post shipment SUPPLY DOCUMENTATION D1 - Not received D2 - Illegible or mutilated D3 - Incomplete improper or without authority (Only when receipt cannot be properly processed) MISDIRECTED MATERIAL M1 - Addressed to wrong activity OVERAGE/DUPLICATE SHIPMENTS O1 - Quantity in excess of that on receipt document O2 - Quantity in excess of that requested (Other than null of issue book) O3 - Quantity duplicates shipment PACKING DISCREPANCY P1 - Improper preservation P2 - Improper packing P3 - Improper marking P4 - Improper unitization			PRODUCT QUALITY DEFICIENCIES Q1 - Deficient material (Applicable to Great Aid and FMS documents only) SHORTAGE OF MATERIAL S1 - Quantity less than that on receipt document S2 - Quantity less than that requested (Other than null of issue book) S3 - Non-receipt of parcel post shipment ITEM TECHNICAL DATA MARKING T1 - Missing T2 - Illegible or mutilated T3 - Precautionary operational marking missing T4 - Inspection data missing or incomplete T5 - Serviceability operating data missing or incomplete T6 - Warranty data missing WRONG ITEM (Identify requested item as a separate copy in item 9 above) W1 - Incorrect item received W2 - Unacceptable substitute OTHER DISCREPANCIES Z1 - See remarks		
13. FUNDING AND ACCOUNTING DATA			06 JUL 2007		
14a. TYPED OR PRINTED NAME, TITLE, AND PHONE NUMBER OR PREPARING OFFICIAL			14b. SIGNATURE		
Hiroshi Oda Director, Import Div. EPO/MOD					
15. DISTRIBUTION ADDRESSEES FOR COPIES					

354-103

7540-00-159-4442

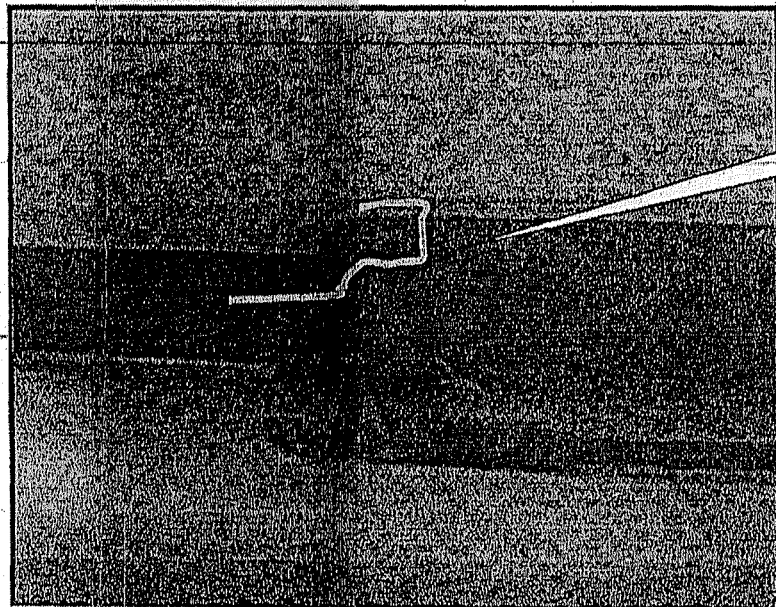
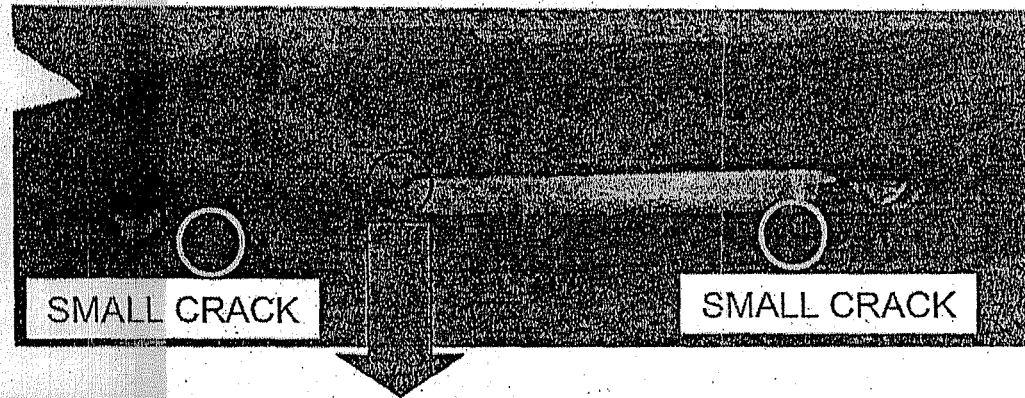
(Previous edition is obsolete.)

STANDARD FORM 364 (REV. 8-80)

Defective material for M24 Sniper Rifle



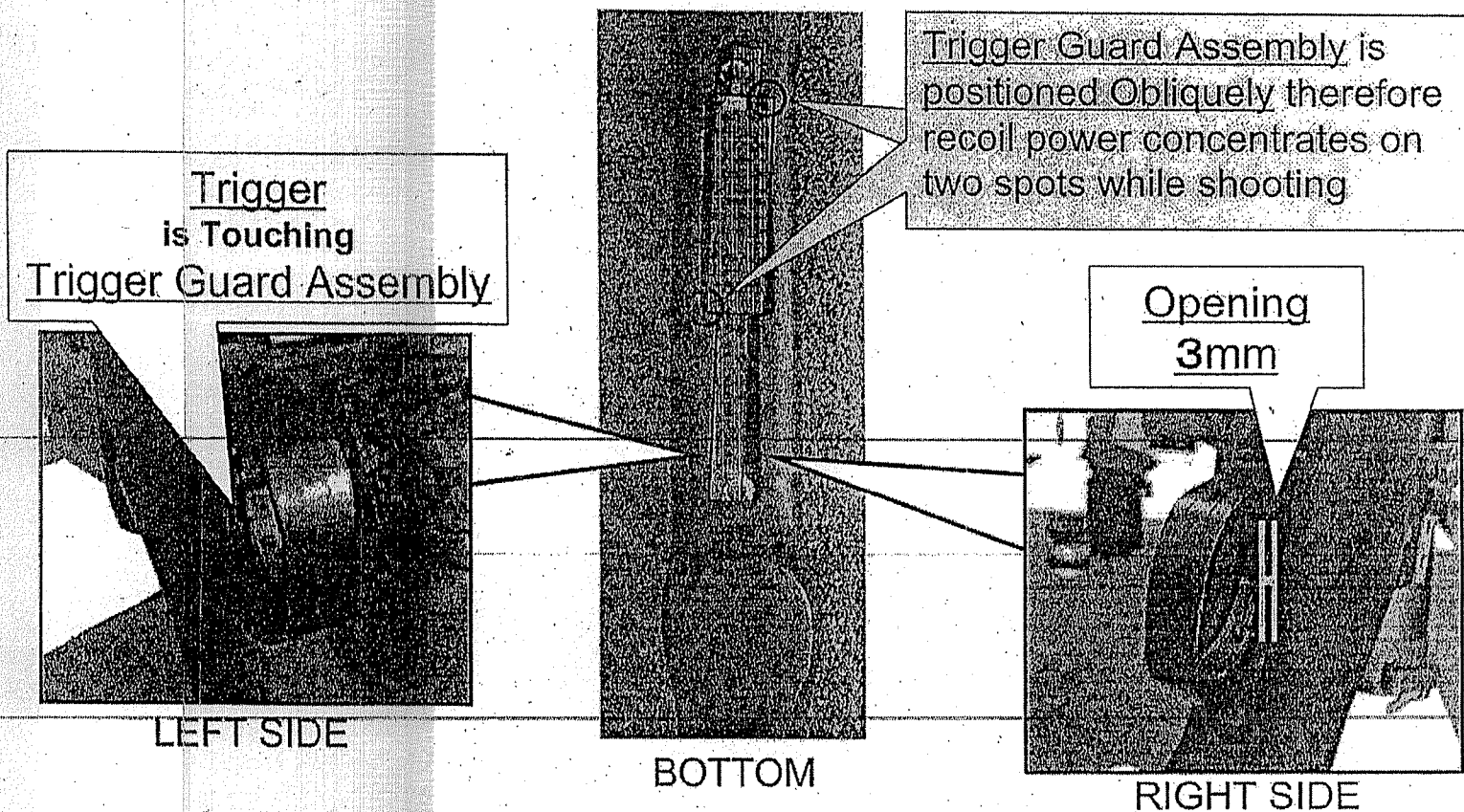
CRACKS



length : about 30mm
depth : about 5mm

- not found before shooting
- may cause by impact when shooting

CAUSE (supposed)



Trigger is touching Trigger Guard Assembly (left side) since received (not after shots)
(Suppose that positions of each Parts' screw holes are not matched)

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6534979

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/3/05	CD
440	PROOF		11/3/05	CD
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	11/3/05	CD
470	DIS-ASSEMBLE ACTION		11/3/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 & 490	1/9/06	verma
500	ROLLMARK CALIBER		1/9/06	CW
510	DRILL AND TAP SIGHT HOLES		1-6-06	TRW
520	GOFF BLAST BBL / REC		1-9-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/11	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-16-06	Ac
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-16-06	A
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-16-06	A
	D) OIL FIRING PIN ASSEMBLY		2-22-06	mm
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2-22-06	mm

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.2</u> <u>5.2</u> <u>5.2</u>	1-29-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.2</u> <u>2.2</u> <u>2.2</u>	1-29-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		2-22-06	MTM
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	2-22-06	MTM
	J) ASSEMBLE STOCK		1-17-06	BG
	K) ASSEMBLE SWIVEL STUDS		2-22-06	MTM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-17-06	BG
	M) IRON SIGHT ALIGNMENT		1-17-06	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-17-06	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/17/06	MTM
	MALFUNCTION ^{Bolt closes hard when magazine is full}	CORRECTION OK	1-24-06	TRW
	MALFUNCTION BAC	CORRECTION OK	1-24-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-17-06	MTM
670	FINAL INSPECTION A) HEADSPACE		2-22-06	MTM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.80</u> <u>2.79</u> <u>2.82</u> <u>2.70</u> <u>2.75</u>	1-29-06	DA
	C) FUNCTION		2-22-06	MTM
690	PACK		4-11-06	DA

BARBER - M24 0089038AVERAGE 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 1-16-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.59		2.46	
PULL #2	2.57	2.61		2.65	
PULL #3	2.55	2.63		2.43	
PULL #4	2.59	2.63		2.39	
PULL #5	2.64	2.42		2.55	
TOTAL	12.96	12.88		12.48	
AVERAGE	2.59	2.57		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	2.84		
PULL #2	3.18	3.18		
PULL #3	3.23	3.09		
PULL #4	3.08	3.29		
PULL #5	3.11	3.29		
TOTAL	15.60	15.69		
AVERAGE	3.12	3.13		

	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	4.17	3.93		4.11
PULL #2	4.27	3.99		4.24
PULL #3	4.24	4.01		4.16
PULL #4	4.17	3.97		4.29
PULL #5	4.06	4.08		4.21
TOTAL	20.91	19.98		21.01
AVERAGE	4.18	3.99		4.20

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534979.___0
FILE DATE AND TIME: 01/17/2006 22:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

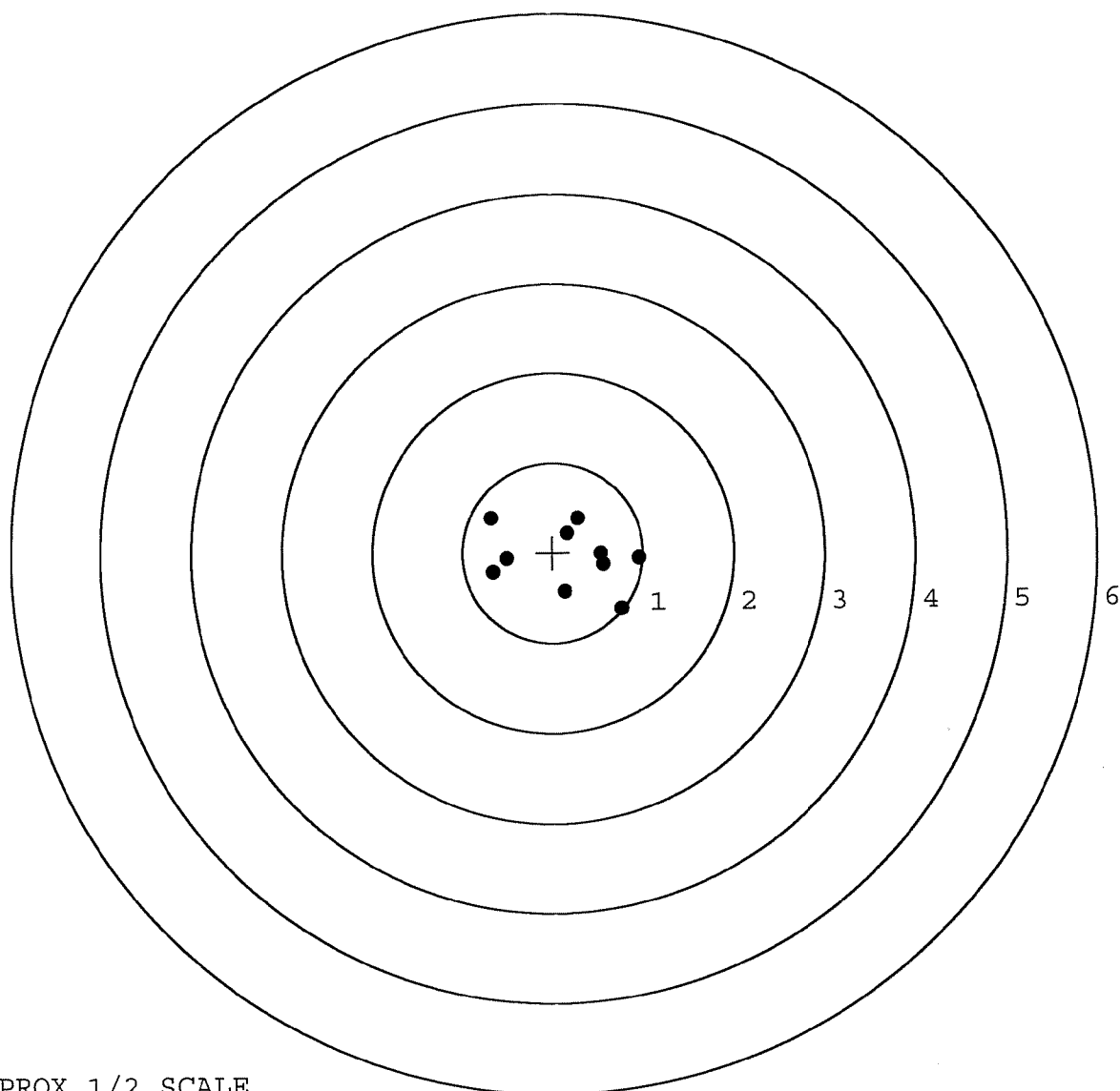
The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	0.068
The Average Point of Impact of the Five Target Set:	0.068
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.262
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.444
The Distance from Centroid Target #5 to Centroid Target #1:	0.379

BARBER - M24 0089040

SERIAL NUMBER: G6534979. __0
 TARGET NUMBER: 1
 FILE DATE: 01/17/2006
 FILE TIME: 22:46

POINT#	X	Y
1:	-0.682	0.391
2:	-0.511	-0.072
3:	-0.662	-0.217
4:	0.281	0.385
5:	0.164	0.219
6:	0.534	-0.014
7:	0.955	-0.069
8:	0.760	-0.632
9:	0.138	-0.435
10:	0.560	-0.138

X CENTROID: 0.154
 Y CENTROID: -0.058
 POA TO CENTROID: 0.164
 HORZ SPREAD: 1.637
 VERT SPREAD: 1.023
 GROUP SPREAD: 1.768
 MIN RADIUS: 0.277
 MAX RADIUS: 0.949
 MEAN RADIUS: 0.599
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



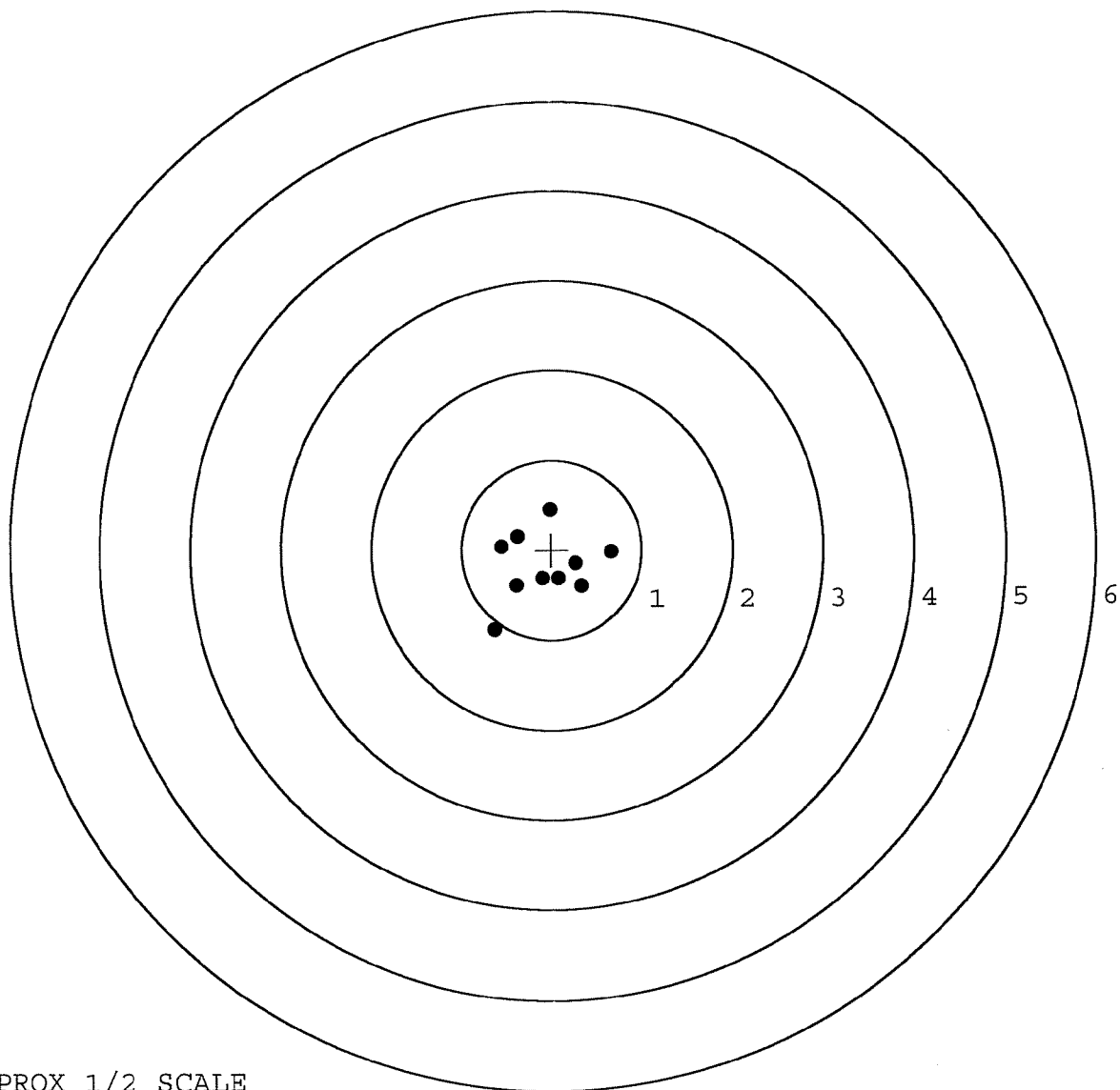
TARGET APPROX 1/2 SCALE

BARBER - M24 0089041

SERIAL NUMBER: G6534979. __0
TARGET NUMBER: 2
FILE DATE: 01/17/2006
FILE TIME: 22:46

X CENTROID: -0.073
Y CENTROID: -0.190
POA TO CENTROID: 0.204
HORZ SPREAD: 1.302
VERT SPREAD: 1.345
GROUP SPREAD: 1.562
MIN RADIUS: 0.134
MAX RADIUS: 0.901
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.019	0.453
2:	-0.377	0.150
3:	-0.554	0.036
4:	-0.388	-0.405
5:	0.078	-0.323
6:	0.335	-0.413
7:	0.273	-0.158
8:	0.665	-0.029
9:	-0.637	-0.892
10:	-0.102	-0.321



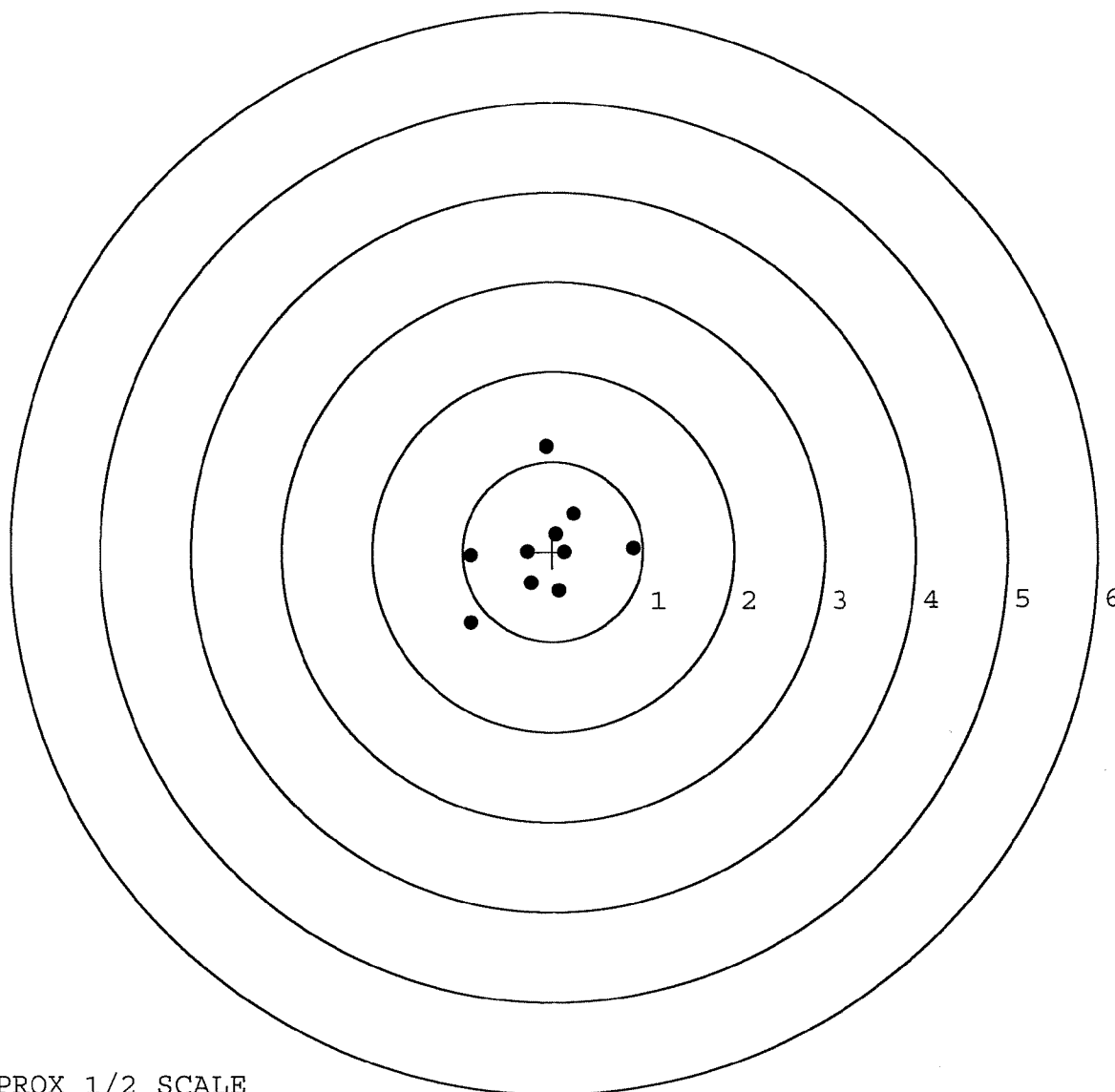
TARGET APPROX 1/2 SCALE

BARBER - M24 0089042

SERIAL NUMBER: G6534979. __0
 TARGET NUMBER: 3
 FILE DATE: 01/17/2006
 FILE TIME: 22:46

X CENTROID: -0.105
 Y CENTROID: 0.021
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.799
 VERT SPREAD: 1.959
 GROUP SPREAD: 2.132
 MIN RADIUS: 0.177
 MAX RADIUS: 1.149
 MEAN RADIUS: 0.615
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.888	0.035
2:	-0.069	1.169
3:	-0.909	-0.038
4:	-0.911	-0.790
5:	0.069	-0.437
6:	-0.244	-0.347
7:	-0.281	0.000
8:	0.133	-0.010
9:	0.036	0.199
10:	0.238	0.426



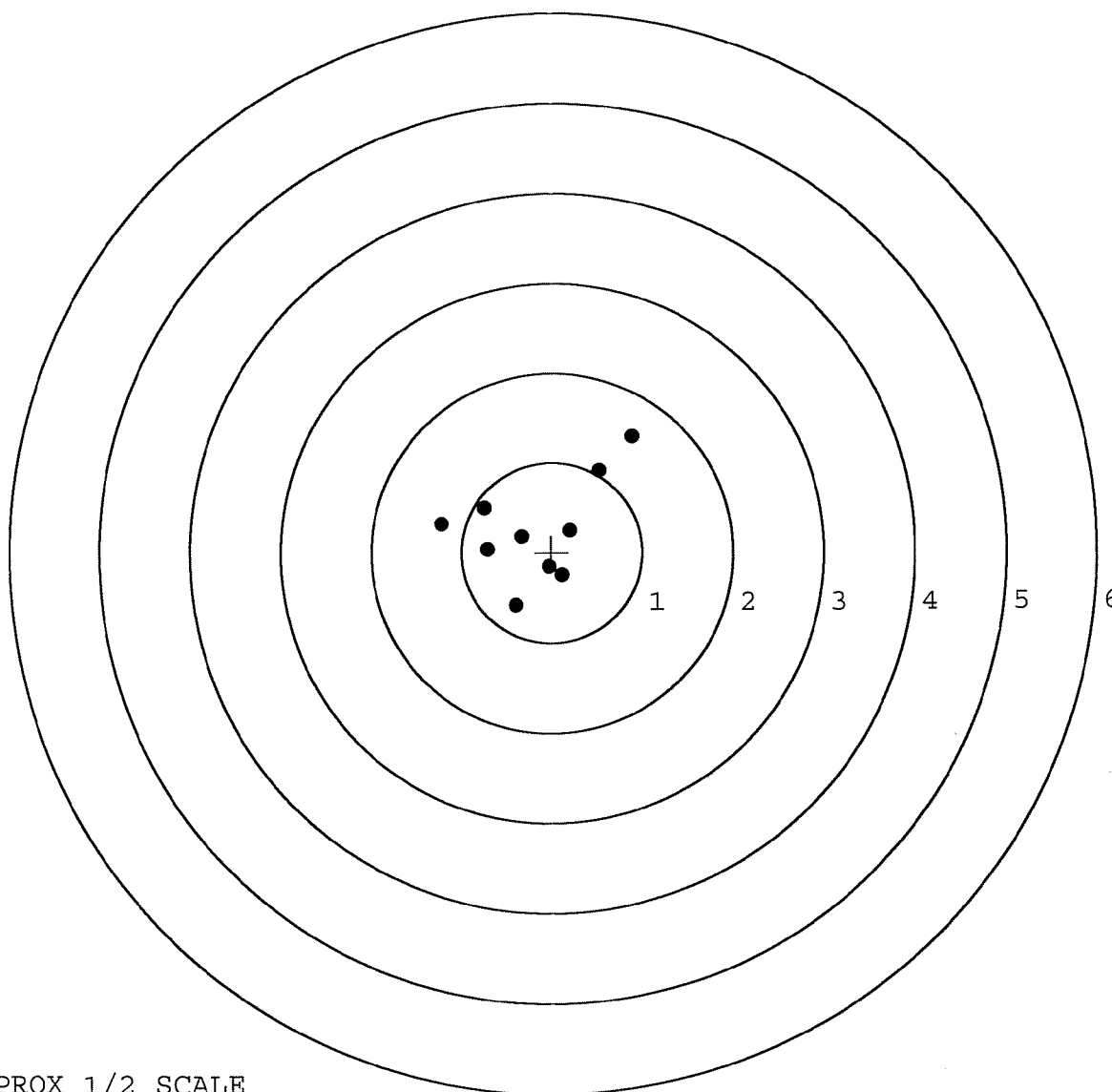
TARGET APPROX 1/2 SCALE

BARBER - M24 0089043

SERIAL NUMBER: G6534979. __0
 TARGET NUMBER: 4
 FILE DATE: 01/17/2006
 FILE TIME: 22:46

X CENTROID: -0.169
 Y CENTROID: 0.247
 POA TO CENTROID: 0.300
 HORZ SPREAD: 2.112
 VERT SPREAD: 1.875
 GROUP SPREAD: 2.321
 MIN RADIUS: 0.174
 MAX RADIUS: 1.486
 MEAN RADIUS: 0.713
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.892	1.288
2:	0.533	0.907
3:	-0.746	0.494
4:	-1.220	0.326
5:	-0.713	0.039
6:	-0.395	-0.587
7:	-0.328	0.177
8:	-0.033	-0.160
9:	0.118	-0.257
10:	0.201	0.245



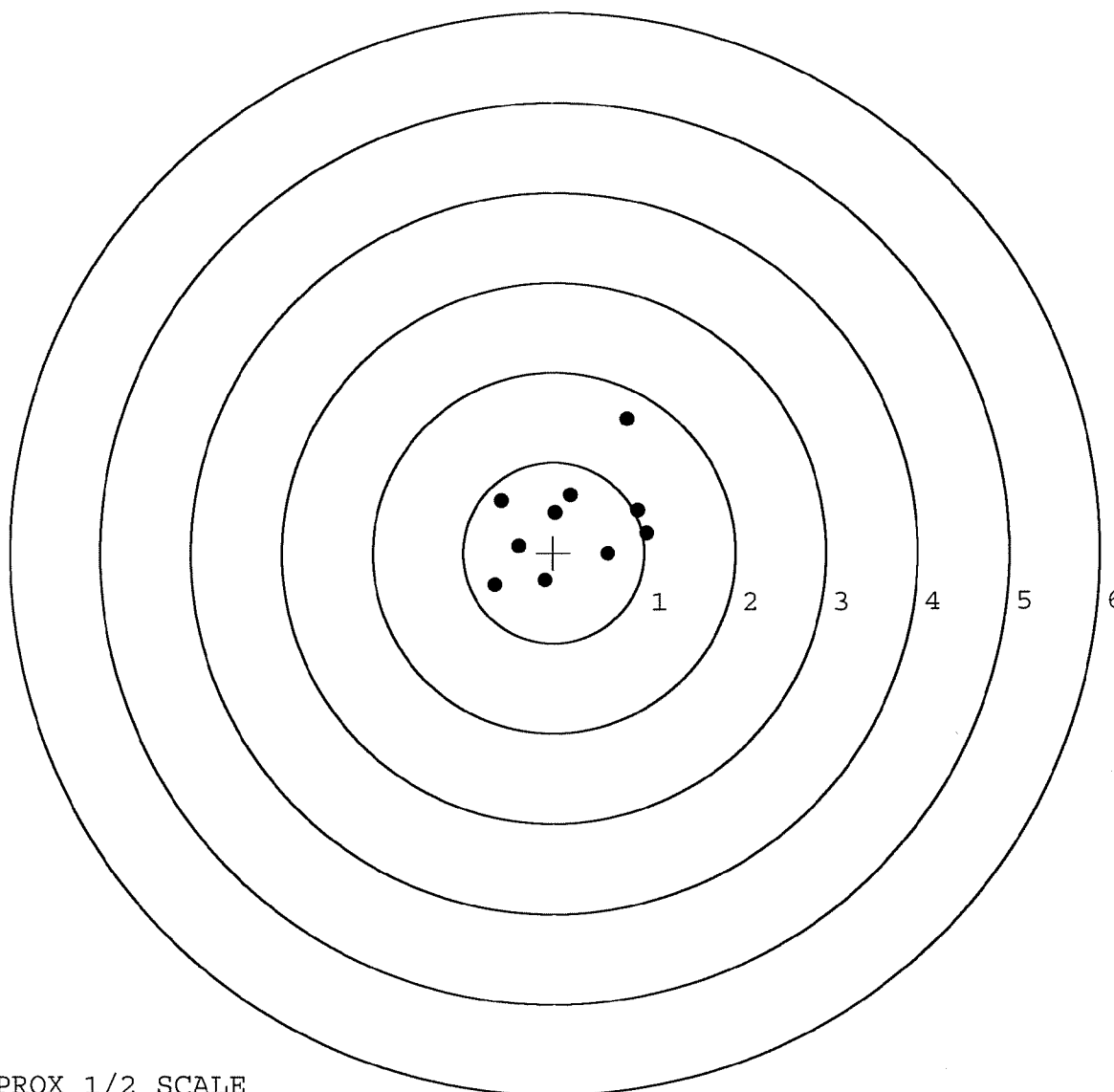
TARGET APPROX 1/2 SCALE

BARBER - M24 0089044

SERIAL NUMBER: G6534979. __0
 TARGET NUMBER: 5
 FILE DATE: 01/17/2006
 FILE TIME: 22:46

X CENTROID: 0.189
 Y CENTROID: 0.319
 POA TO CENTROID: 0.371
 HORZ SPREAD: 1.681
 VERT SPREAD: 1.835
 GROUP SPREAD: 2.351
 MIN RADIUS: 0.210
 MAX RADIUS: 1.317
 MEAN RADIUS: 0.719
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.818	1.476
2:	0.932	0.465
3:	1.030	0.207
4:	0.606	-0.019
5:	0.021	0.446
6:	0.188	0.640
7:	-0.575	0.577
8:	-0.386	0.075
9:	-0.095	-0.313
10:	-0.651	-0.359



TARGET APPROX 1/2 SCALE