

G6731479

replaces

C6594677

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: **RE00143979**

Serial: C6694677 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/3/2008 7:44:39 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

PO Box:

PO Box:

City: Mc GUIRE AFB

Mc GUIRE AFB

State: NJ

Zip Code: 08641

Country: US

State: NJ

Zip Code: 08641

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
A017	Scope Base	1
A026	Scope	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

4/3/2008

8:11 AM

CSF5

NUM

NS

30h



Serial Number: **C6694677** NEW 66731479
Model: M24 SWS
RE00143979
Reset

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

R & E NUMBER 00143979

SERIAL NUMBER ~~C6694677~~ NEW G6731479

LOG-IN DATE 4-3-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-3-08	RTZ
505	RE-BARREL	4-3-08	RTZ
560	ASSEMBLE	4-3-08	RTZ
600	PROOF	4-4-08	RTZ
605	CHECK HEADSPACE	4-4-08	RTZ
610	DIS-ASSEMBLE GUN	4-5-08	RTZ
612	MAGNAFLUX	4-7	RTZ
510	DRILL AND TAP	4-7	RTZ
615	ROLLMARK CALIBER	4-7	RTZ
618	ROTO-BLAST	4-7-08	DS
620	APPLY COATINGS	4-14-08	RTZ
625	FINAL ASSEMBLY	4-11-08	WM
640	FUNCTION TEST AND	(PASS) FAIL	4-15-08 TRW
650	TARGET	(PASS) FAIL	4-15-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-15-08 RP
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	4-17-08 TRW
	B) TRIGGER PULL	MIN 2.50 LBS MAX 4.0 LBS	2.87 3.49 2.51 2.24 2.34 4-17-08 TRW
	F) SAFETY ON FORCE	2 LBS MIN. 10 LBS MAX	8.5 8.0 8.0 4-17-08 TRW
	G) SAFETY OFF FORCE	2 LBS MAX	3.25 3.25 3.25 4-17-08 TRW
	I) FIRING PIN INDENT	.020	.020 ⁵ .021 .021 ⁵ 4-17-08 TRW
690	PACK		10/17/08 Em

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6731479.__0

FILE DATE AND TIME: 04/16/2008 12:57

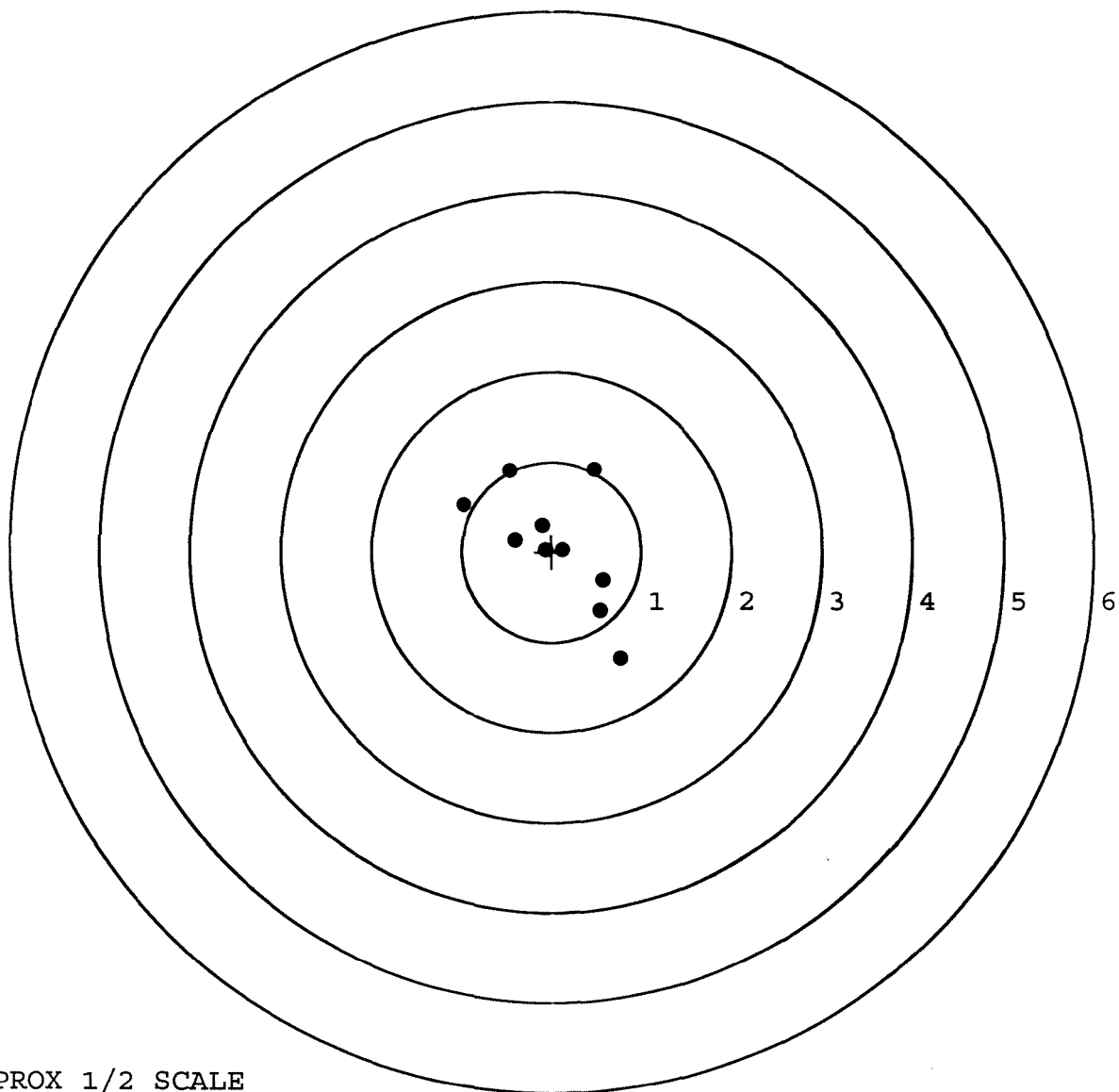
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.013
The Average Y Centroid of the Five Target Set:	0.063
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.952
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.047
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.266
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

SERIAL NUMBER: G6731479. __0
TARGET NUMBER: 1
FILE DATE: 04/16/2008
FILE TIME: 12:57

POINT#	X	Y
1:	0.767	-1.181
2:	0.546	-0.658
3:	0.574	-0.319
4:	-0.977	0.514
5:	-0.466	0.906
6:	0.485	0.916
7:	-0.400	0.127
8:	-0.108	0.291
9:	0.124	0.021
10:	-0.069	0.022

X CENTROID: 0.048
Y CENTROID: 0.064
POA TO CENTROID: 0.080
HORZ SPREAD: 1.744
VERT SPREAD: 2.097
GROUP SPREAD: 2.432
MIN RADIUS: 0.088
MAX RADIUS: 1.438
MEAN RADIUS: 0.697
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

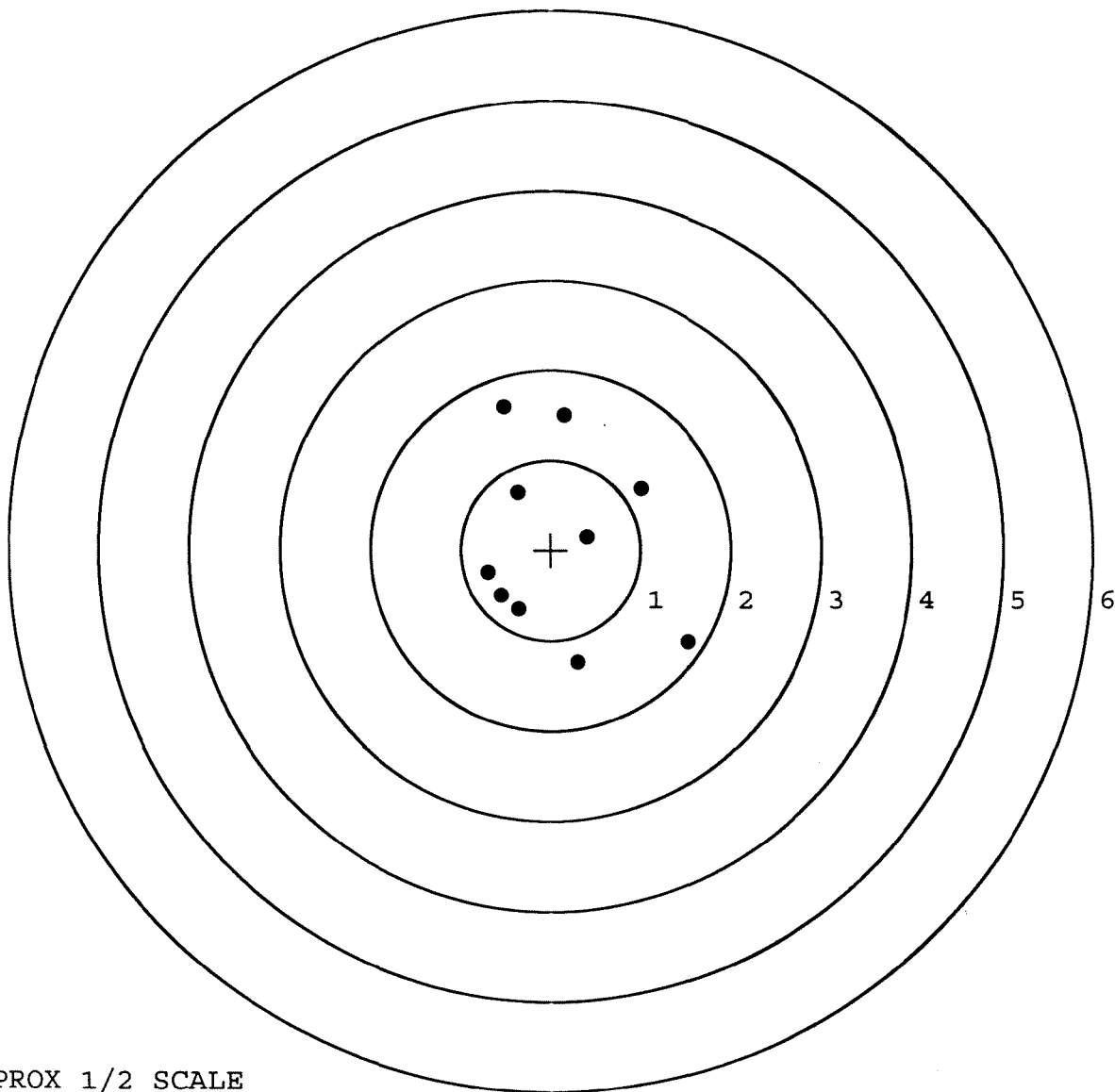


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731479. __0
TARGET NUMBER: 2
FILE DATE: 04/16/2008
FILE TIME: 12:57

POINT#	X	Y
1:	-0.526	1.589
2:	0.149	1.499
3:	1.008	0.676
4:	0.408	0.144
5:	-0.365	0.636
6:	-0.697	-0.253
7:	-0.553	-0.506
8:	-0.355	-0.655
9:	0.300	-1.246
10:	1.525	-1.021

X CENTROID: 0.089
Y CENTROID: 0.086
POA TO CENTROID: 0.124
HORZ SPREAD: 2.222
VERT SPREAD: 2.835
GROUP SPREAD: 3.319
MIN RADIUS: 0.324
MAX RADIUS: 1.813
MEAN RADIUS: 1.092
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

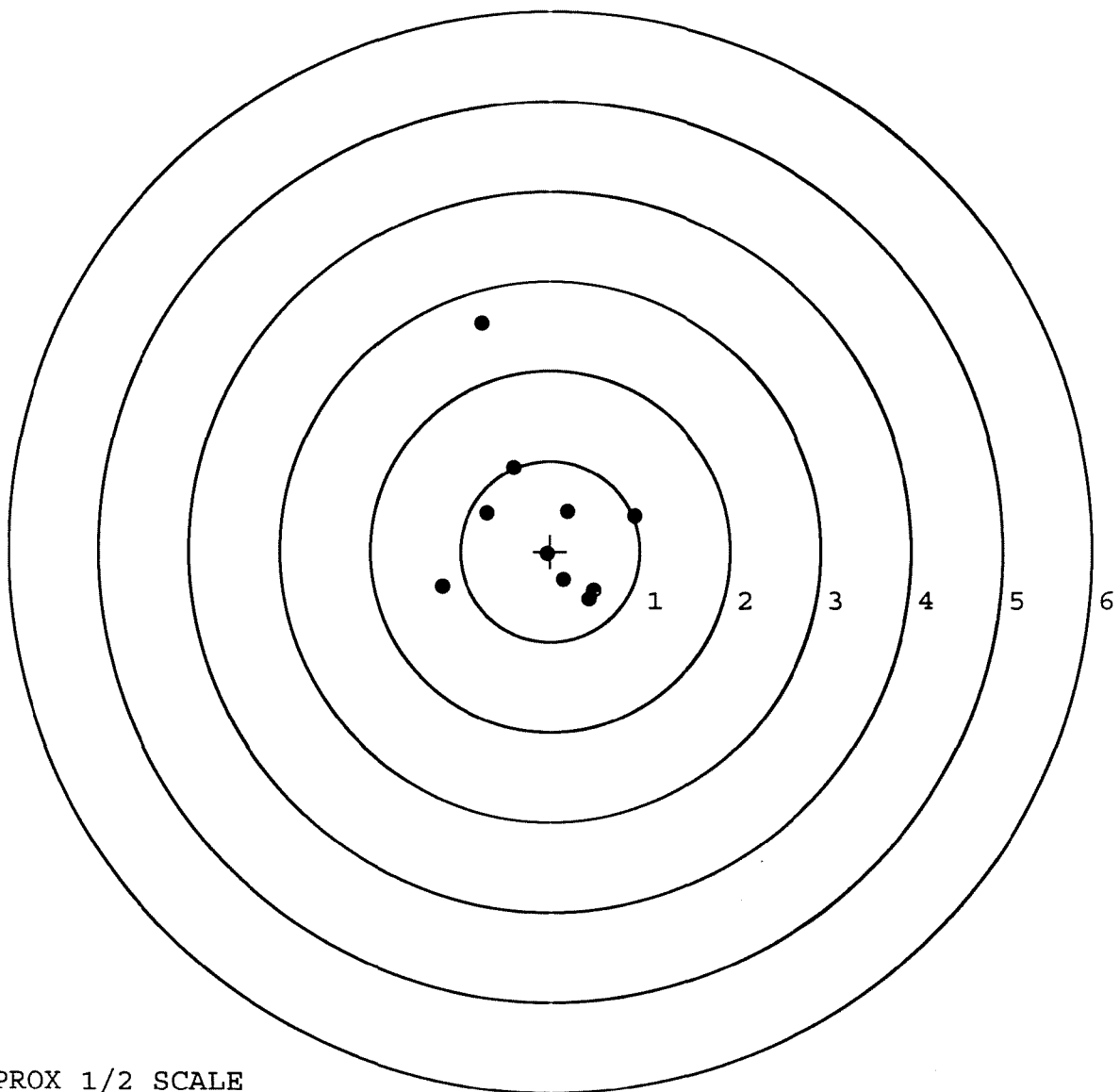


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731479. __0
TARGET NUMBER: 3
FILE DATE: 04/16/2008
FILE TIME: 12:57

POINT#	X	Y
1:	0.942	0.382
2:	0.491	-0.437
3:	0.153	-0.318
4:	-0.034	-0.030
5:	0.197	0.436
6:	-1.205	-0.388
7:	-0.705	0.423
8:	-0.402	0.921
9:	-0.754	2.527
10:	0.438	-0.540

X CENTROID: -0.088
Y CENTROID: 0.298
POA TO CENTROID: 0.310
HORZ SPREAD: 2.147
VERT SPREAD: 3.067
GROUP SPREAD: 3.290
MIN RADIUS: 0.317
MAX RADIUS: 2.327
MEAN RADIUS: 0.923
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

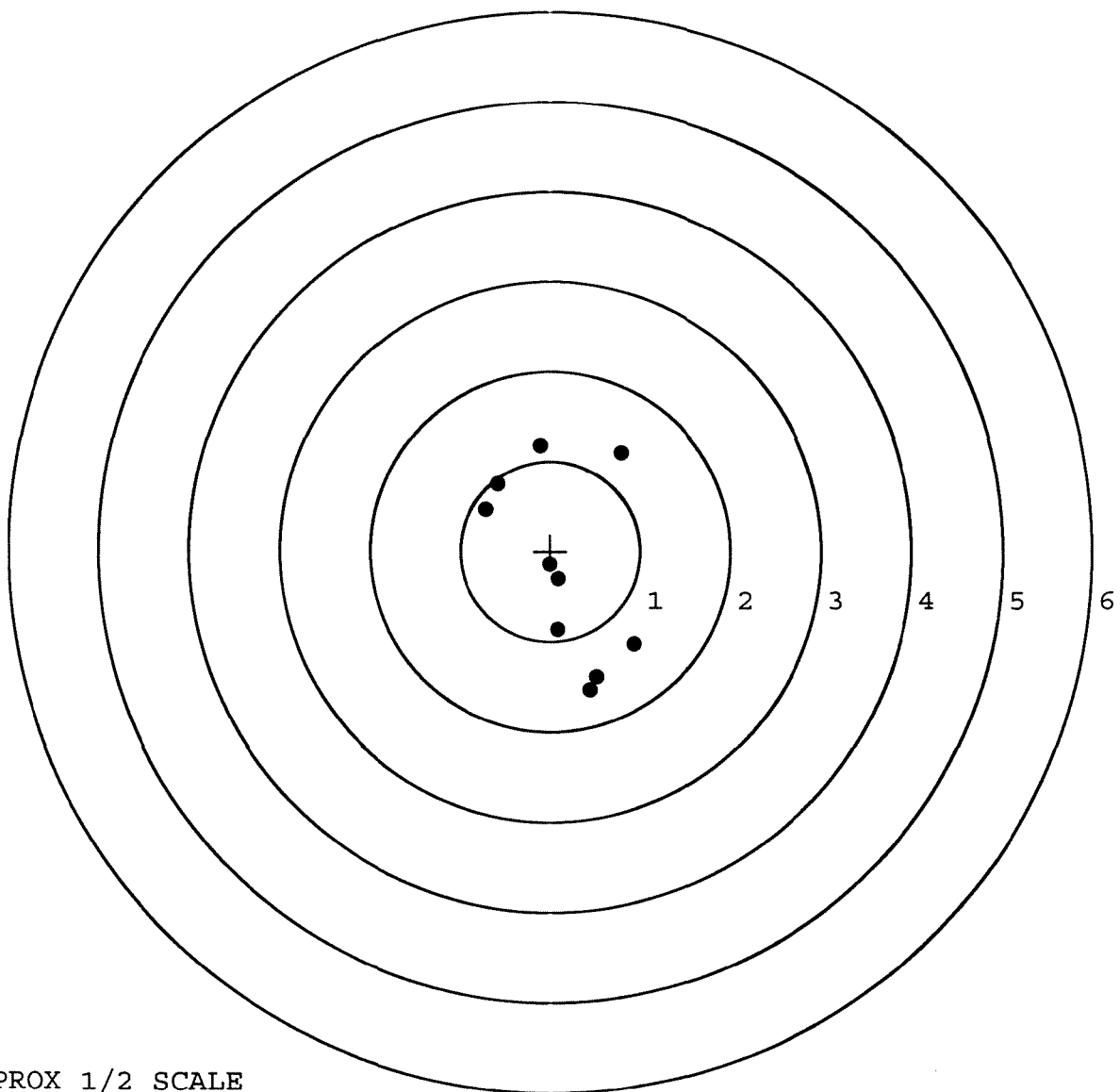


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731479. __0
TARGET NUMBER: 4
FILE DATE: 04/16/2008
FILE TIME: 12:57

POINT#	X	Y
1:	-0.012	-0.153
2:	0.088	-0.310
3:	0.084	-0.880
4:	0.932	-1.035
5:	0.442	-1.544
6:	-0.716	0.466
7:	-0.581	0.749
8:	-0.113	1.169
9:	0.794	1.088
10:	0.515	-1.396

X CENTROID: 0.143
Y CENTROID: -0.185
POA TO CENTROID: 0.234
HORZ SPREAD: 1.648
VERT SPREAD: 2.713
GROUP SPREAD: 2.655
MIN RADIUS: 0.137
MAX RADIUS: 1.429
MEAN RADIUS: 0.988
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 10

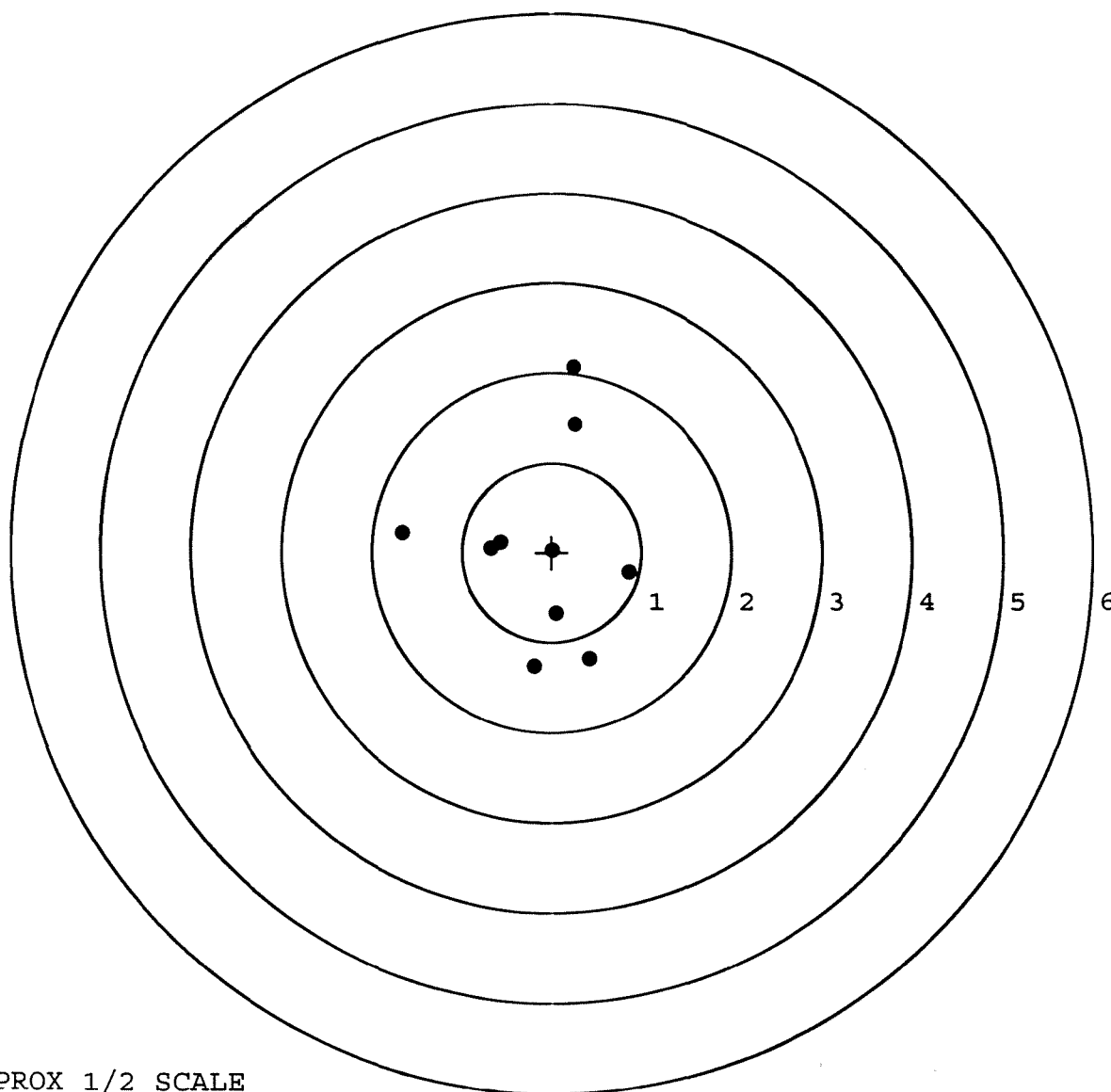


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6731479. __0
TARGET NUMBER: 5
FILE DATE: 04/16/2008
FILE TIME: 12:57

POINT#	X	Y
1:	-0.569	0.117
2:	0.249	2.059
3:	0.261	1.425
4:	-1.661	0.222
5:	0.865	-0.226
6:	0.422	-1.188
7:	-0.205	-1.268
8:	0.048	-0.692
9:	0.007	0.025
10:	-0.675	0.050

X CENTROID: -0.126
Y CENTROID: 0.052
POA TO CENTROID: 0.136
HORZ SPREAD: 2.526
VERT SPREAD: 3.327
GROUP SPREAD: 3.358
MIN RADIUS: 0.136
MAX RADIUS: 2.041
MEAN RADIUS: 1.062
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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: **RE00107794** Serial: C6594677 Model M24 SWS Center Fire Caliber: 7 62 NATO Repairman: Status: Closed 2/2/2006 10:36:04 AM

Verify Repair **High Priority**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 2-4 BLDG 1158E** **HHC 2-4 BLDG 1158E**

Address 1: Address 2: PO Box: PO Box:

City: **FORT POLK** **FORT POLK**

State: **LA** Zip Code: **71459** Country: **US** State: **LA** Zip Code: **71459** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **337 531 8711**

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
A057	Frt and Rear Sgt Base	1

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

naglel 2/2/2006 11:44 AM CAPS NUM INS SCRL

start 4 Microsof... RAC0179-R... SAP Logon... My Documents Arms Servic... 11:44 AM

Serial Number: **C6594677**

Model: **M24 SWS**



RE00107794

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 2-1-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.54		2.63	
PULL #2	2.30	2.33		2.59	
PULL #3	2.47	2.39		2.56	
PULL #4	2.52	2.42		2.55	
PULL #5	2.55	2.47		2.52	
TOTAL	12.44	12.15		12.85	
AVERAGE	2.48	2.43		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.04		
PULL #2	3.06	3.05		
PULL #3	3.08	3.10		
PULL #4	3.07	3.04		
PULL #5	3.00	2.93		
TOTAL	15.31	15.16		
AVERAGE	3.06	3.03		

	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	4.09	4.00		4.16
PULL #2	4.14	3.98		4.06
PULL #3	4.16	3.96		4.11
PULL #4	4.17	3.91		4.08
PULL #5	4.11	3.92		4.13
TOTAL	20.67	19.77		20.54
AVERAGE	4.13	3.95		4.10

Untitled

Dear Sir,s

Please rebuild these weapon,s as needed.Barrel,s must be replaced as shot count nas been lost. If you have any question,s please feel free to call AECOM small arm,s ph# (337)53

1-

1501 ask for John or Rodnev.Thank's

PH# 531-1501

Page 1

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594677.___0

FILE DATE AND TIME: 02/15/2006 05:01

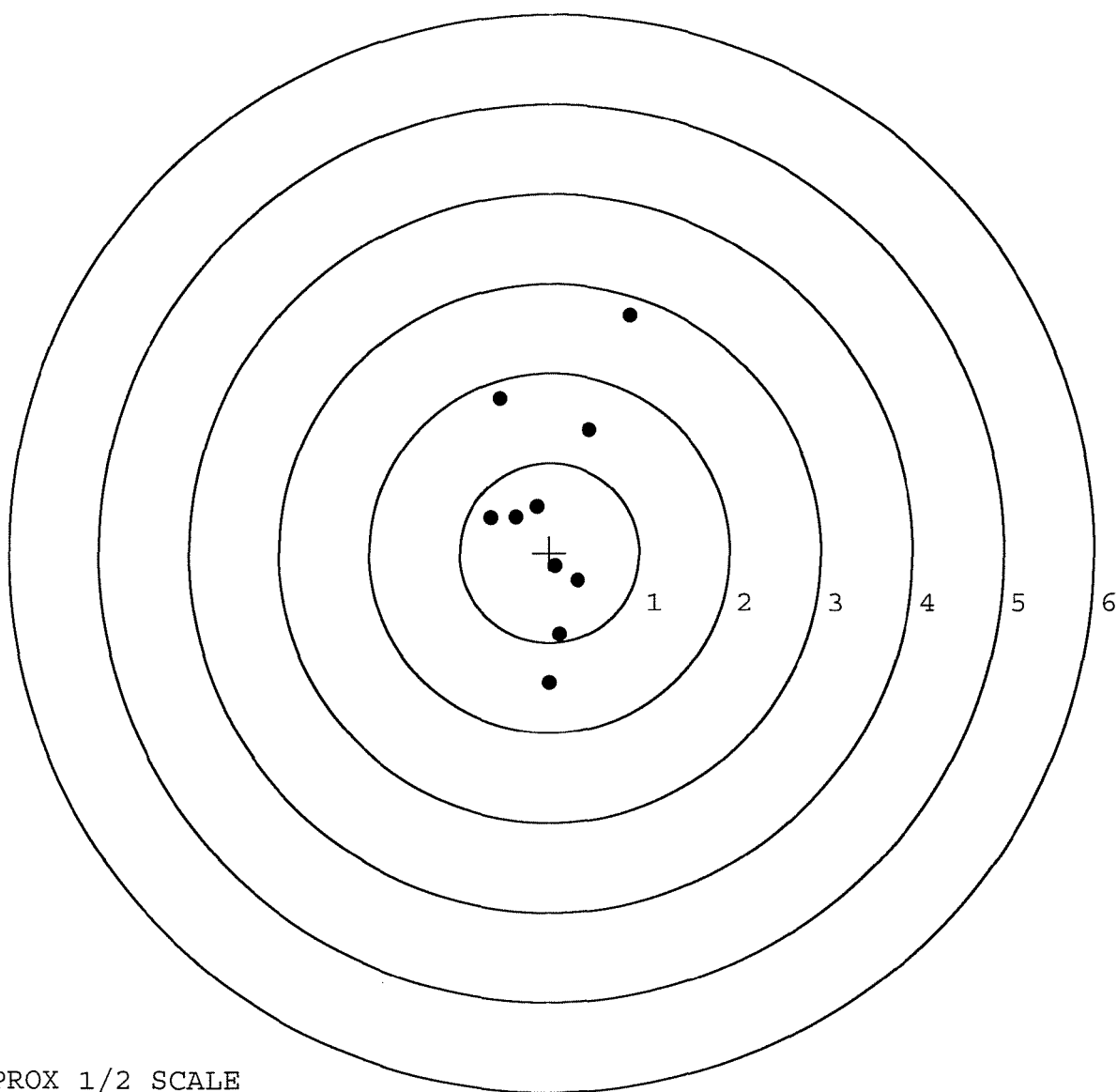
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.038
The Average Y Centroid of the Five Target Set:	0.117
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	0.885
The Distance from POA to Centroid Target #1:	0.420
The Distance from Centroid Target #2 to Centroid Target #1:	0.381
The Distance from Centroid Target #3 to Centroid Target #1:	0.478
The Distance from Centroid Target #4 to Centroid Target #1:	0.611
The Distance from Centroid Target #5 to Centroid Target #1:	0.061

SERIAL NUMBER: C6594677.____0
TARGET NUMBER: 1
FILE DATE: 02/15/2006
FILE TIME: 05:01

X CENTROID: 0.009
Y CENTROID: 0.420
POA TO CENTROID: 0.420
HORZ SPREAD: 1.551
VERT SPREAD: 4.100
GROUP SPREAD: 4.195
MIN RADIUS: 0.179
MAX RADIUS: 2.395
MEAN RADIUS: 1.066
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.004	-1.454
2:	0.111	-0.917
3:	0.314	-0.307
4:	0.064	-0.150
5:	-0.145	0.511
6:	-0.377	0.397
7:	-0.658	0.389
8:	0.440	1.373
9:	-0.558	1.716
10:	0.893	2.646

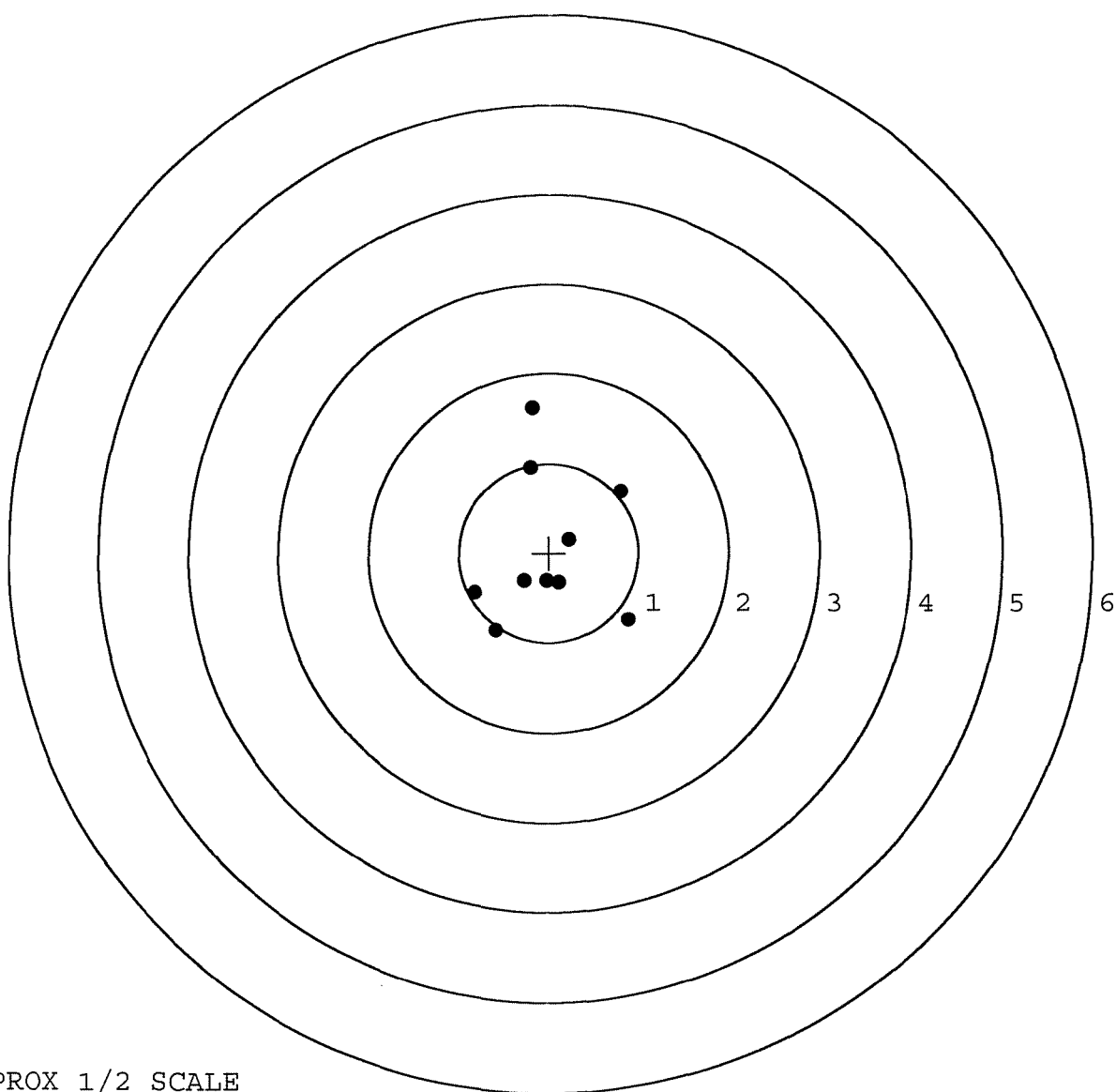


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594677. __0
 TARGET NUMBER: 2
 FILE DATE: 02/15/2006
 FILE TIME: 05:01

X CENTROID: -0.006
 Y CENTROID: 0.039
 POA TO CENTROID: 0.040
 HORZ SPREAD: 1.708
 VERT SPREAD: 2.487
 GROUP SPREAD: 2.603
 MIN RADIUS: 0.257
 MAX RADIUS: 1.588
 MEAN RADIUS: 0.822
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.888	-0.753
2:	0.801	0.688
3:	-0.200	0.956
4:	-0.188	1.617
5:	0.225	0.152
6:	0.114	-0.328
7:	-0.273	-0.312
8:	-0.587	-0.870
9:	-0.820	-0.445
10:	-0.021	-0.311

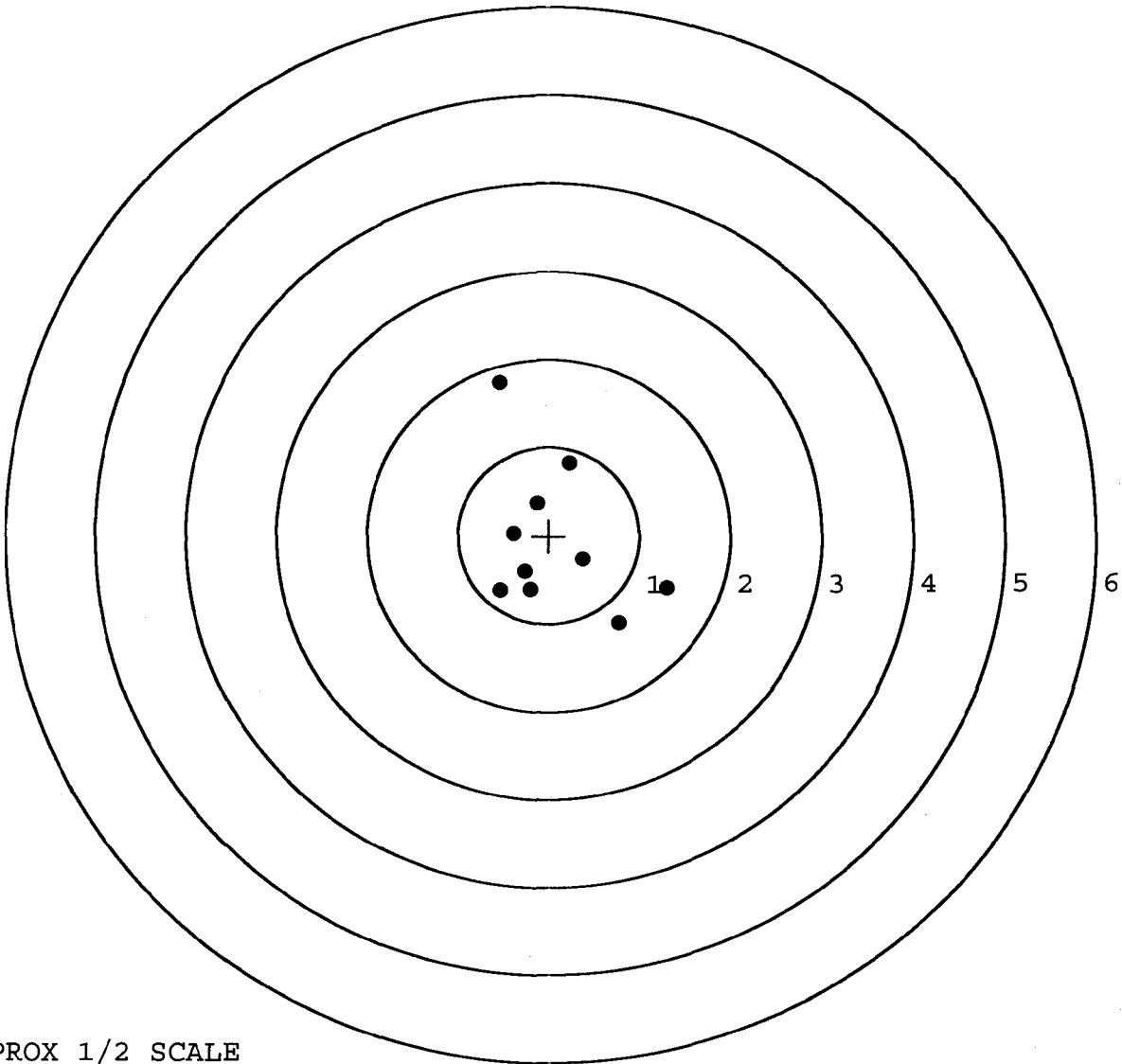


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594677. __0
TARGET NUMBER: 3
FILE DATE: 02/15/2006
FILE TIME: 05:01

X CENTROID: 0.064
Y CENTROID: -0.055
POA TO CENTROID: 0.084
HORZ SPREAD: 1.844
VERT SPREAD: 2.731
GROUP SPREAD: 3.033
MIN RADIUS: 0.381
MAX RADIUS: 1.890
MEAN RADIUS: 0.854
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.301	-0.599
2:	0.777	-0.996
3:	0.379	-0.269
4:	0.235	0.818
5:	-0.124	0.372
6:	-0.386	0.027
7:	-0.543	1.735
8:	-0.200	-0.613
9:	-0.535	-0.618
10:	-0.265	-0.403

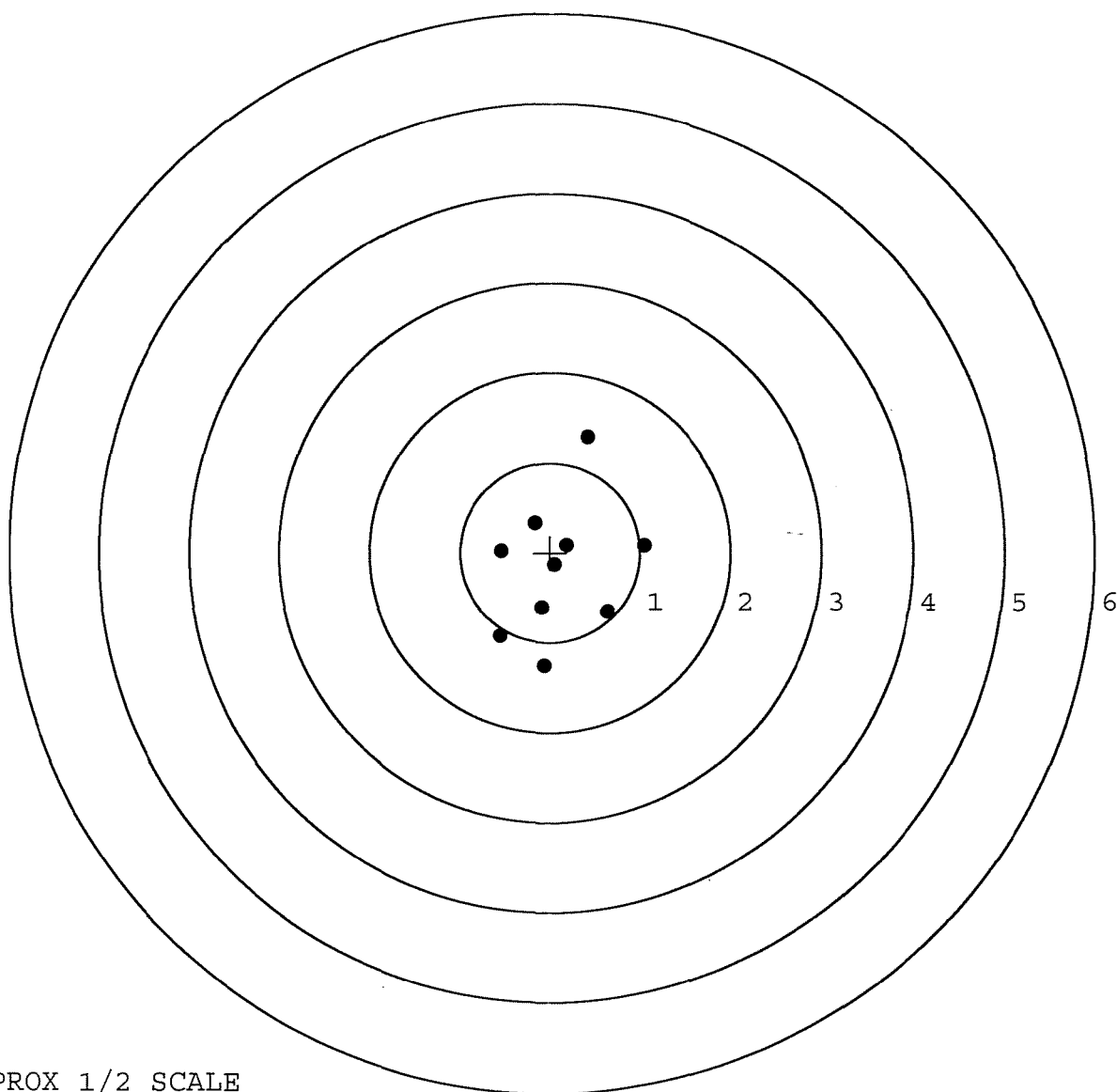


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594677. 0
TARGET NUMBER: 4
FILE DATE: 02/15/2006
FILE TIME: 05:01

X CENTROID: 0.092
Y CENTROID: -0.185
POA TO CENTROID: 0.207
HORZ SPREAD: 1.602
VERT SPREAD: 2.549
GROUP SPREAD: 2.594
MIN RADIUS: 0.064
MAX RADIUS: 1.502
MEAN RADIUS: 0.736
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.643	-0.661
2:	1.050	0.076
3:	-0.063	-1.268
4:	-0.098	-0.620
5:	-0.552	-0.939
6:	0.420	1.281
7:	-0.172	0.322
8:	-0.540	0.016
9:	0.052	-0.135
10:	0.184	0.080

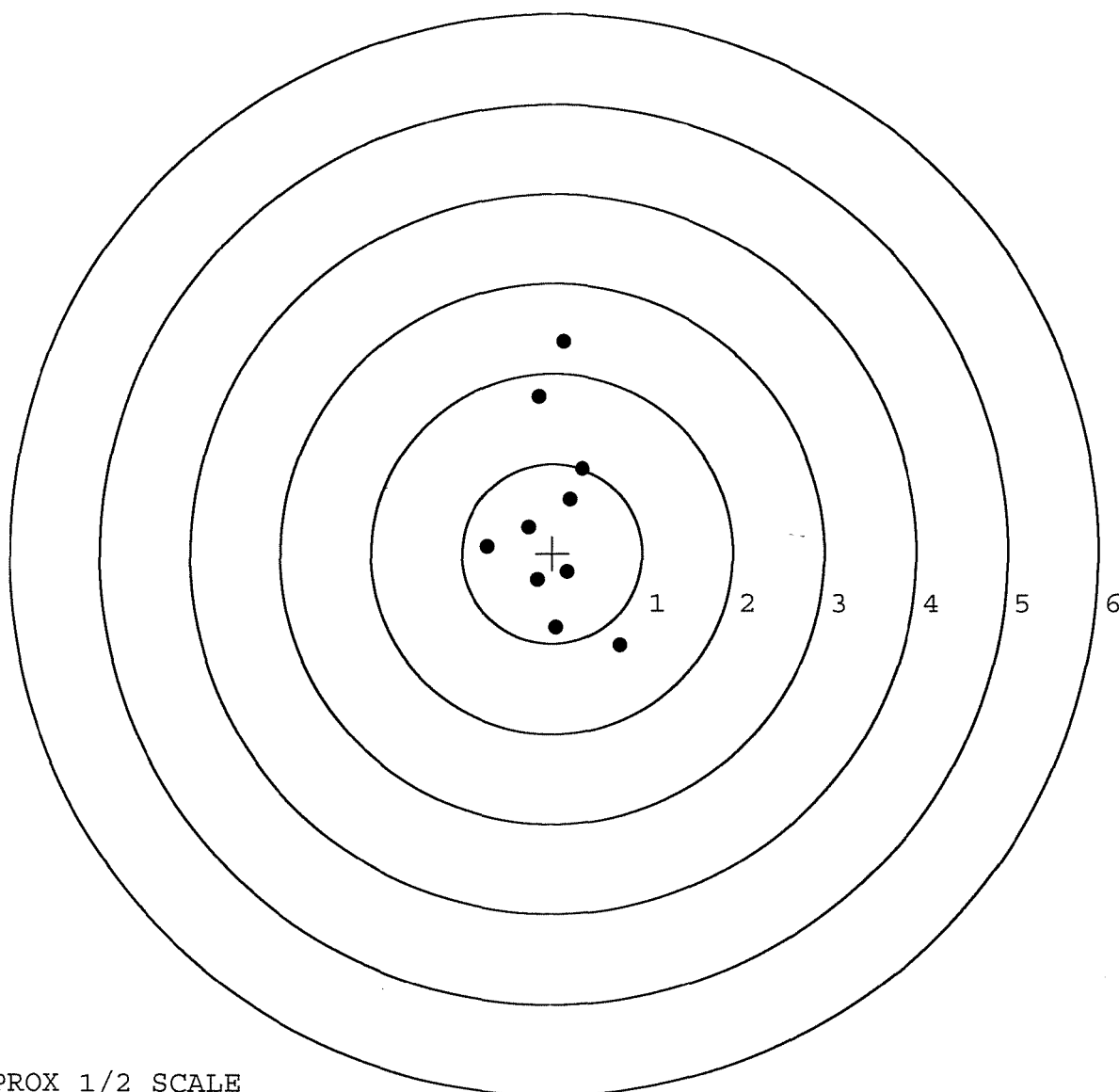


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594677. __0
TARGET NUMBER: 5
FILE DATE: 02/15/2006
FILE TIME: 05:01

X CENTROID: 0.032
Y CENTROID: 0.364
POA TO CENTROID: 0.365
HORZ SPREAD: 1.484
VERT SPREAD: 3.376
GROUP SPREAD: 3.436
MIN RADIUS: 0.285
MAX RADIUS: 1.989
MEAN RADIUS: 0.947
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.758	-1.025
2:	0.045	-0.829
3:	0.169	-0.212
4:	-0.162	-0.295
5:	-0.726	0.079
6:	-0.263	0.291
7:	0.195	0.597
8:	0.338	0.941
9:	-0.154	1.741
10:	0.118	2.351



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	107794		
SERIAL NUMBER	C6594677		
LOG-IN DATE	2-2-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-6-06	RTZ
505	RE-BARREL	2-8-06	RTZ
560	ASSEMBLE	2-8-06	RTZ
600	PROOF	2-8-06	RTZ
605	CHECK HEADSPACE	2-8-06	RTZ
610	DIS-ASSEMBLE GUN	2-8-06	RTZ
612	MAGNAFLUX	2-9-06	mmB
510	DRILL AND TAP	2-9-06	TRW
615	ROLLMARK CALIBER	2-10-06	CW
618	ROTO-BLAST	2-10-06	LB
620	APPLY COATINGS	2-14-06	TRB
625	FINAL ASSEMBLY	2-14-06	AK
640	FUNCTION TEST AND	PASS FAIL	2-14-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		2-15-06 R.P.
	A) HEADSPACE	PASS FAIL	2-15-06 AG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2-15-06
		2.17 2.18 2.13 2.15 2.20	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	2-15-06
		4.5 4.0 4.0	
	G) SAFETY OFF FORCE	2 LBS	2-15-06
		2.2 2.2 2.2	
	I) FIRING PIN INDENT	.020	2-15-06
690	PACK	1.020 1.020 1.020	2-15-06 RA

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proposing 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 W6M5.T0	1b. CUSTOMER UNIT NAME HHC 2-4 inf.	1c. PHONE NO 531-8711	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 1005012402136		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 rifle						H R	
10a. ORG WON/DOC NO	10b. EIC						
11. SERIAL NUMBER C6594677	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, GSU/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)							
25. REMARKS Buttstock Cracked / Barrel was "hand-me-down" no round count P.O.C. SGT KEIPE 531-8711							
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-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.				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		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

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400000788



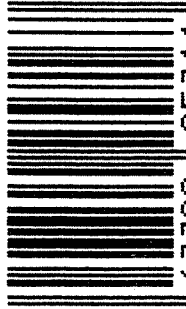

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24	SERIAL NO. C6594677
	ORDER NO. 5716

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

20

UPC



0 47700 25716 7



5716 C6594677

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594677

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/20/90	K.S.
600	Proof		12/20/90	K.S.
607	Check Headspace		12/20/90	K.S.
610	Dis-assemble Gun		12/20/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	BB.
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/4/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/4/91	KA
	C) Inspect Ejector Hole for Chamfer		2/4/91	KA
	D) Oil Firing Pin Ass'y		2/4/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/5/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 ³ / ₄	5 ¹ / ₂	5 ³ / ₄			2/5/91	WB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			2/5/91	WB
	H) Trigger Pull Test & Retainability						2/5/91	JH
	I) Firing Pin Indent	.020	.0205	.0205			2/5/91	WB
	J) Assemble Stock						2/6/91	KH
	K) Assemble Swivel Studs						2-26-91	K
	L) Attach Front and Rear Sight Assemblies						2/6/91	KH
	M) Iron Sight Alignment						2/6/91	KH
	N) Detach Front & Rear Sights & place in numbered container						2/6/91	KH
	O) Attach Scope to Rifle						2/6/91	KH
	P) Detach & Attach Scope 20 Times						2/6/91	KH
640	Gallery Target & Test						2-7-91	AC
	A) Time						2-7-91	AC
	B) Malfunctions						2-7-91	AC
	C) Pierced Primers						2-7-91	AC
	D) Optical Clarity of Scope						2-7-91	AC
645	Inspect for Live Ammo						2-7-91	AC
655	Final Inspection							
	A) Headspace						2-26-91	K
	B) Trigger Pull	2.55	2.54	2.46	2.39	2.50	2-25-91	JH
	C) Function						2-26-91	AC
660	Pack						3-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594677

DATE 2-5-91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.42	2.25	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.41	2.30	2.54	
PULL #3	2.35	2.38	2.33	2.46	
PULL #4	2.44	2.36	2.38	2.39	
PULL #5	2.23	2.36	2.38	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.20		
PULL #2	3.39	3.16		
PULL #3	3.37	3.36		
PULL #4	3.23	3.48		
PULL #5	3.30	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.25		4.16
PULL #2	4.38	4.49		4.44
PULL #3	4.50	4.34		4.31
PULL #4	4.20	4.32		4.23
PULL #5	4.31	4.25		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594677
8 Feb 1991

CENTROIDAL DISTANCES

0 TO 1	.246479
1 TO 2	.358950
1 TO 3	.248202
1 TO 4	.635412
1 TO 5	.545004

54
41 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .189
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1588
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .246857
THE AMR FOR THIS RIFLE IS: .8282

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08534677

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 3

2in - 8

3in = 10

HS= 1.726

VS= 1.821

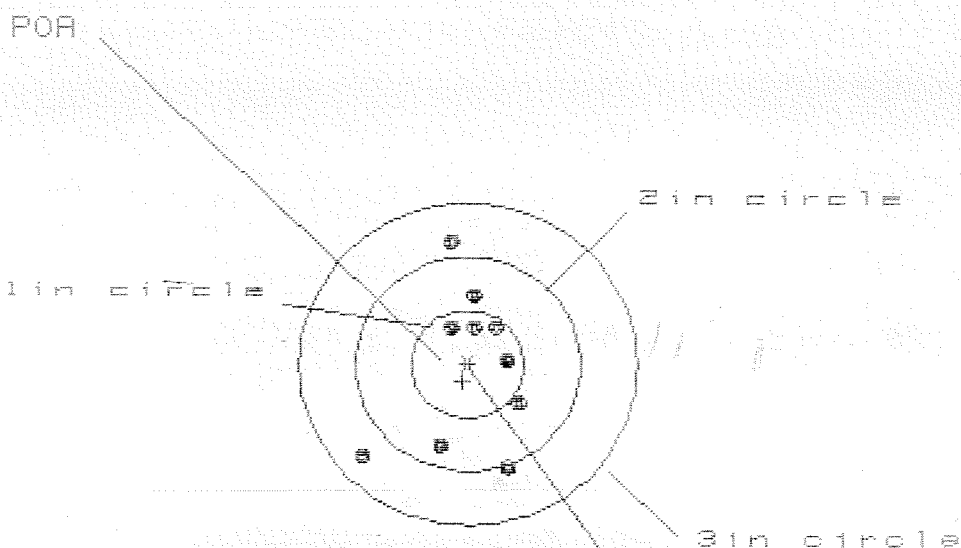
GS= 2.026

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.804	.702	.664
MINIMUM X	-.922	-.641	-.554
MAXIMUM Y	.863	.756	.643
MINIMUM Y	-.958	-.902	-.796
CENTROID X	.164	.266	.179
CENTROID Y	-.184	-.077	.036
POA TO CENTROID in.	.246	.277	.182
MIN RADIUS	.094	.185	.296
MEAN RADIUS	.707	.620	.548
MAX RADIUS	1.330	1.143	.969
HORIZONTAL SPREAD	1.726	1.343	1.218
VERTICAL SPREAD	1.821	1.658	1.439
EXTREME SPREAD	2.026	1.889	1.504
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

B Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594677

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.467

VS= 2.046

GS= 2.118

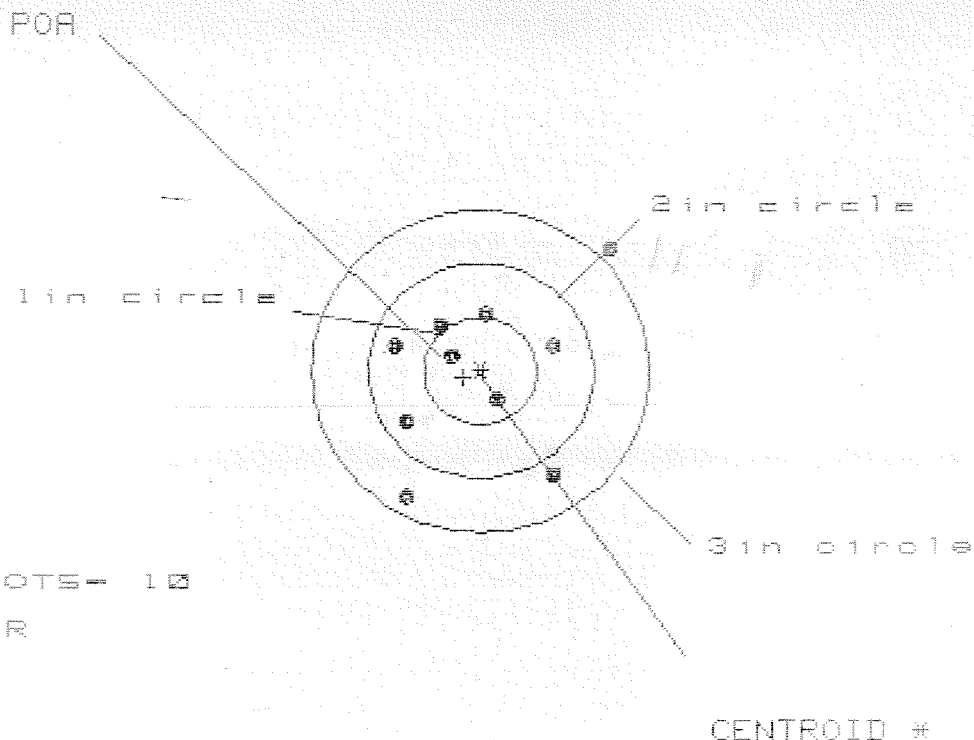
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.498	.390	.356
MINIMUM X	:	-.970	-.386	-.420
MAXIMUM Y	:	1.121	1.031	.697
MINIMUM Y	:	-.925	-1.015	-.887
CENTROID X	:	.046	.154	.188
CENTROID Y	:	.155	.245	.117
POA TO CENTROID in.	:	.162	.290	.221
MIN RADIUS	:	.322	.224	.190
MEAN RADIUS	:	.693	.593	.547
MAX RADIUS	:	1.266	1.065	.920
HORIZONTAL SPREAD	:	1.467	.776	.776
VERTICAL SPREAD	:	2.046	2.046	1.584
EXTREME SPREAD	:	2.118	2.118	1.628
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594677

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.911

VS= 2.276

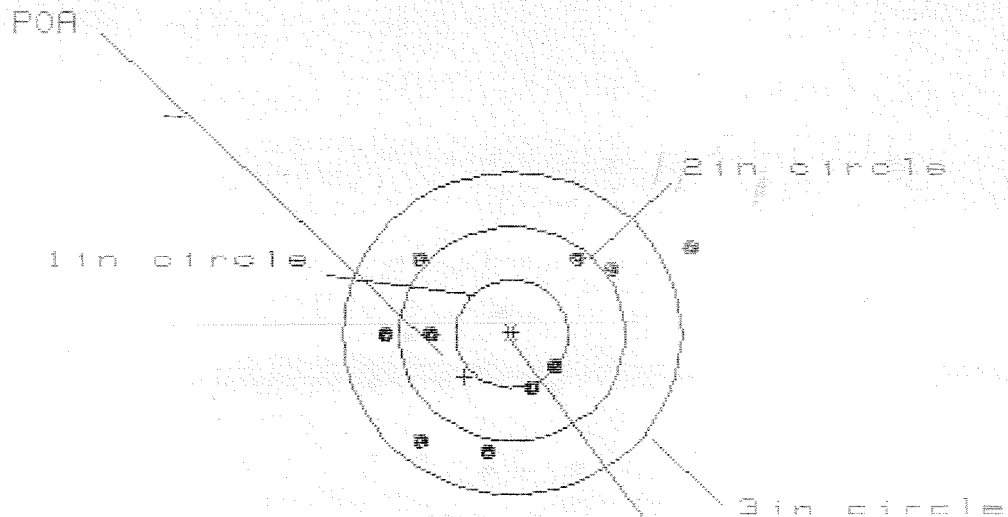
GS= 2.878

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	.757	.695
MINIMUM X	:	-.770	-.643	-.705
MAXIMUM Y	:	1.159	.621	.498
MINIMUM Y	:	-1.117	-.988	-.969
CENTROID X	:	.154	.027	.089
CENTROID Y	:	.064	-.065	.058
POA TO CENTROID in.	:	.167	.071	.106
MIN RADIUS	:	.246	.239	.189
MEAN RADIUS	:	.793	.696	.622
MAX RADIUS	:	1.627	1.135	1.193
HORIZONTAL SPREAD	:	1.911	1.400	1.400
VERTICAL SPREAD	:	2.276	1.609	1.467
EXTREME SPREAD	:	2.878	1.879	1.879
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08534677

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.719

VS= 1.926

GS= 2.954

CENTROID #

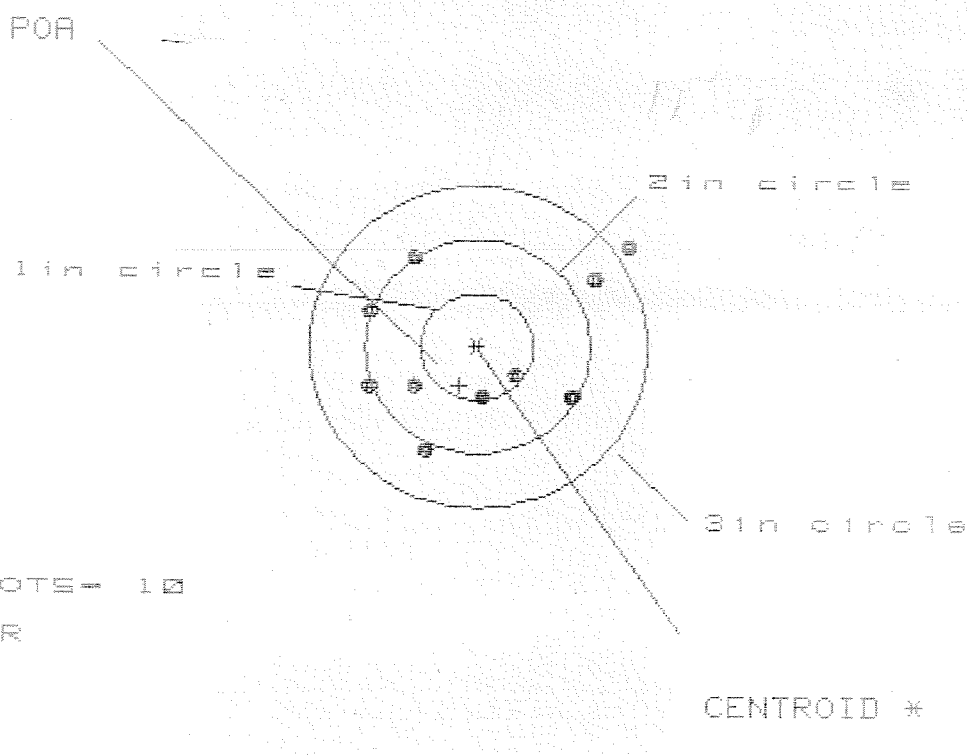
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.564	1.012	.936
MINIMUM X	:	-1.155	-.981	-1.057
MAXIMUM Y	:	.839	.801	.692
MINIMUM Y	:	-1.087	-.994	-1.103
CENTROID X	:	.419	.245	.321
CENTROID Y	:	.398	.305	.414
POA TO CENTROID in.	:	.578	.391	.523
MIN RADIUS	:	.489	.526	.581
MEAN RADIUS	:	1.004	.901	.879
MAX RADIUS	:	1.775	1.215	1.113
HORIZONTAL SPREAD	:	2.719	1.993	1.993
VERTICAL SPREAD	:	1.926	1.795	1.795
EXTREME SPREAD	:	2.954	2.233	2.066

NUMBER IN TWO INCH CIRCLE = 4
 NUMBER IN THREE INCH CIRCLE = 9

B Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594677

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.330

VS= 1.889

GS= 2.651

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X : 1.345 1.206 1.090

MINIMUM X : -.985 -.836 -.685

MAXIMUM Y : .971 .946 1.042

MINIMUM Y : -.918 -.810 -.714

CENTROID X : .162 .013 -.138

CENTROID Y : .361 .253 .157

POA TO CENTROID in. : .396 .253 .208

MIN RADIUS : .427 .374 .266

MEAN RADIUS : .944 .828 .719

MAX RADIUS : 1.659 1.432 1.123

HORIZONTAL SPREAD : 2.330 2.042 1.735

VERTICAL	SPREAD :	1.889	1.756	1.756
EXTREME	SPREAD :	2.651	2.253	1.959
NUMBER IN ONE	INCH CIRCLE =		2	
NUMBER IN TWO	INCH CIRCLE =		4	
NUMBER IN THREE	INCH CIRCLE =		9	