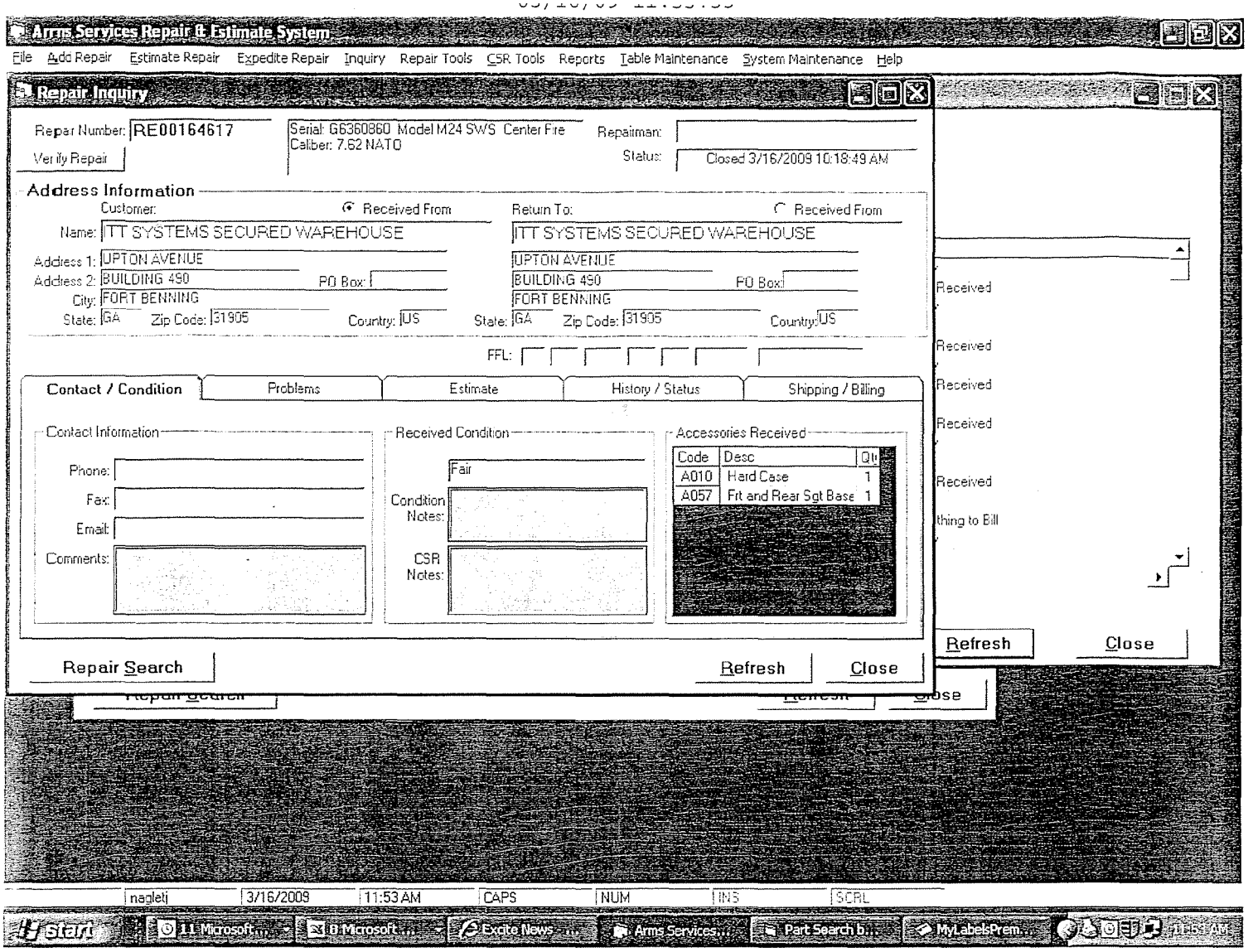
GC669 5400
Replaces
GC3608860

G 6360860
Replace
E 6413559



Scope Base
Studs 3

G 669 5400

~~G6360860~~

Model: M24 SWS

RE00164617

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER 1644617
SERIAL NUMBER GG695400
LOG-IN DATE 3-16-09

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			3-18-09	RTL
505	RE-BARREL			3-18-09	RTL
420	ASSEMBLE			3-18-09	RTL
440	PROOF	MAGNA - FLUX		3-19-09	TL
460	CHECK HEADSPACE			3-19-09	TL
470	DIS-ASSEMBLE GUN			3-19-09	RTL
480	MAGNAFLUX	OPERATOR		3/20/09	N
510	DRILL AND TAP			3-19-09	SP
500	ROLLMARK CALIBER			3/24/09	RT
520	GOFF BLAST BBL / REC			3-24	BL
530 & 540	APPLY COATINGS			3-31	
560	FINAL ASSEMBLY			4-2-09	RTL
640	FUNCTION TEST AND	(PASS)	FAIL	4-2-09	RP
650	TARGET	(PASS)	FAIL	4-2-09	RP
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		4-2-09	SP
670	FINAL INSPECTION A) HEADSPACE	(PASS)	FAIL	4-7-09	[illegible]
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	3.1 lbs	3.5 lbs	3.3 lbs	3.1 lbs	3.3 lbs	4-4-09	RW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	8.0	8.0	8.0				
	G) SAFETY OFF FORCE (2 LBS MIN)	4.0	4.0	4.0				
	I) FIRING PIN INDENT .020	.022	.021	.021				[illegible]
690	PACK						4/9/09	FM

F006 REV 1/2009

MAINTENANCE REQUEST	PG NO	NO PGS	REQMT CONTROL SYMBOL
	1	1	WON 2L58LA900102 902971

CUSTOMER DATA			MAINTENANCE ACTIVITY DATA		
UIC CUST	CUSTOMER UNIT NAME		EVAC WON	SHOP	PHONE NO
W2L58L	HHC 2/29 INF. REGT.		902971	I	4-2823
PHONE NO	SAMS-2 UIC	UTIL CD	UIC SUPPORT	SUPPORT UNIT NAME	
(706)544-1476	W2L5AA	K	W6CR07	ITT	

EQUIPMENT DATA

MNT CD	ID	NSN	MCSR	FDD	USAGECDE	CURRENT USAGE
1	A	012402136	S	D		0

MODEL	PROJ CD	APC	IN WARRANTY
M24RIFLE	05ZY	H9MF	N

NOUN	LEVEL WORK	ADMIN NO	ERC
RIFLE 7.62MM SNIP	F	M24-33	P

w/o scope

Original

ORG WON	QTY
2L58LA900102	1

SER NO	PD
G6360860	13

PD AUTHENTICATING SIGNATURE:

MALFUNCTION DESCRIPTION/REMARKS: ~~INITIAL~~ ~~INSPECTION~~ Stock Insp

TECHNICAL REFERENCES POC SGT PAIKE #544-6006

TASK / PART REQUIREMENTS

ACT CDE	TASK NO	ACT RQD	TASK DESCRIPTION	QTY RPR	WRK CTR	FAIL CODE	MH PROJ	M' EX.

ACT CDE	TASK NO	ID	REQUIRED NSN / PART NUMBER	SFX CDE	QTY RQD	QTY ISSUE	NM CS	FAIL CODE	STORAGE LOC	INIT	$COST

TOTAL MANHOURS	TOTAL MANHOURS COST$	TOTAL PARTS COST$

QTY RPR	QTY CONDEMN	QTY NRTS	EVAC WON	EVAC UNIT NAME

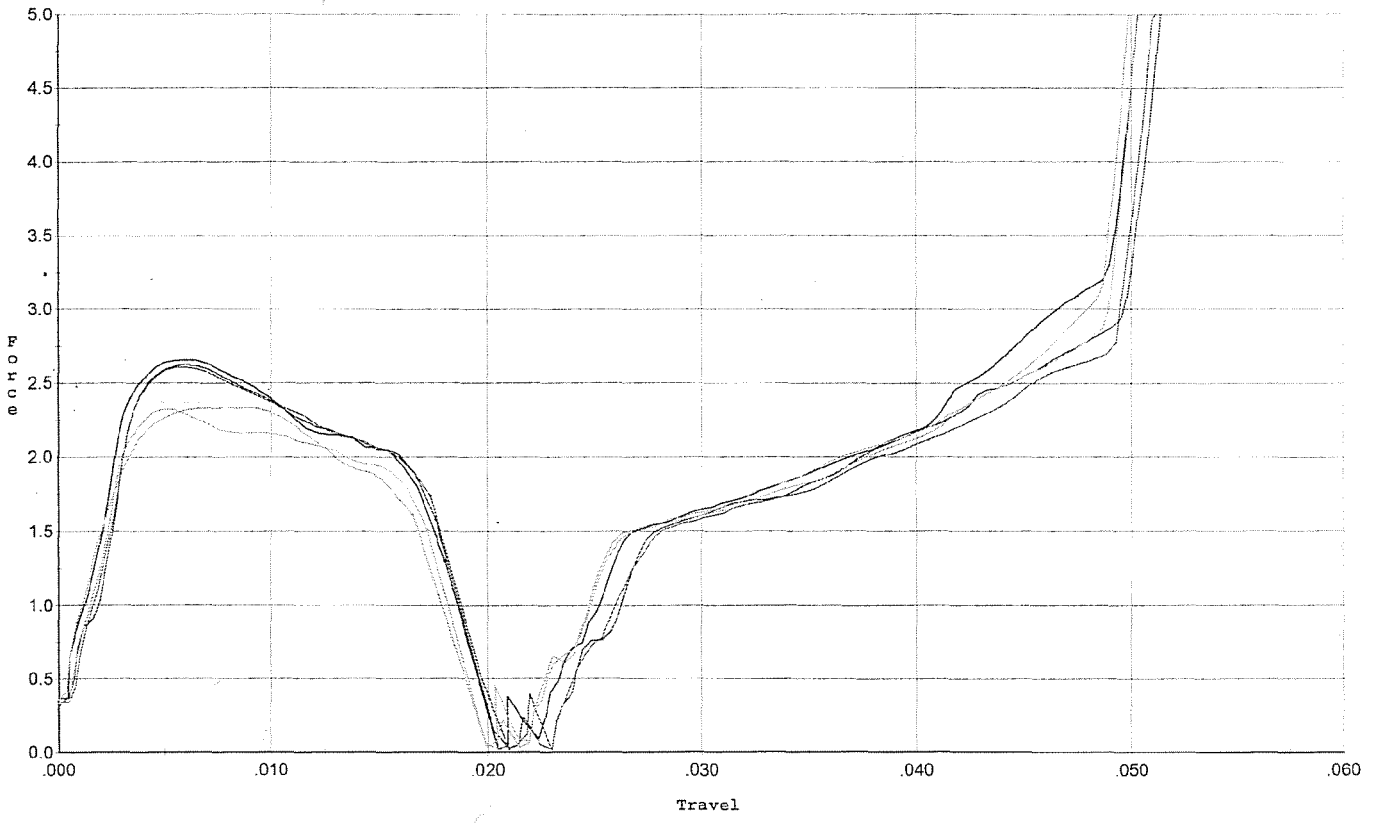
SUBMITTED BY	ACCEPTED BY	WORK STARTED BY	INSPECTED BY	PICKED UP BY
Anthony Paike	J. Santiago			

DATE	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME
09070	A	09070										

DA FORM 2407-E

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs ini +/- .50 lb
Note:	C Schults 3/17/2009		



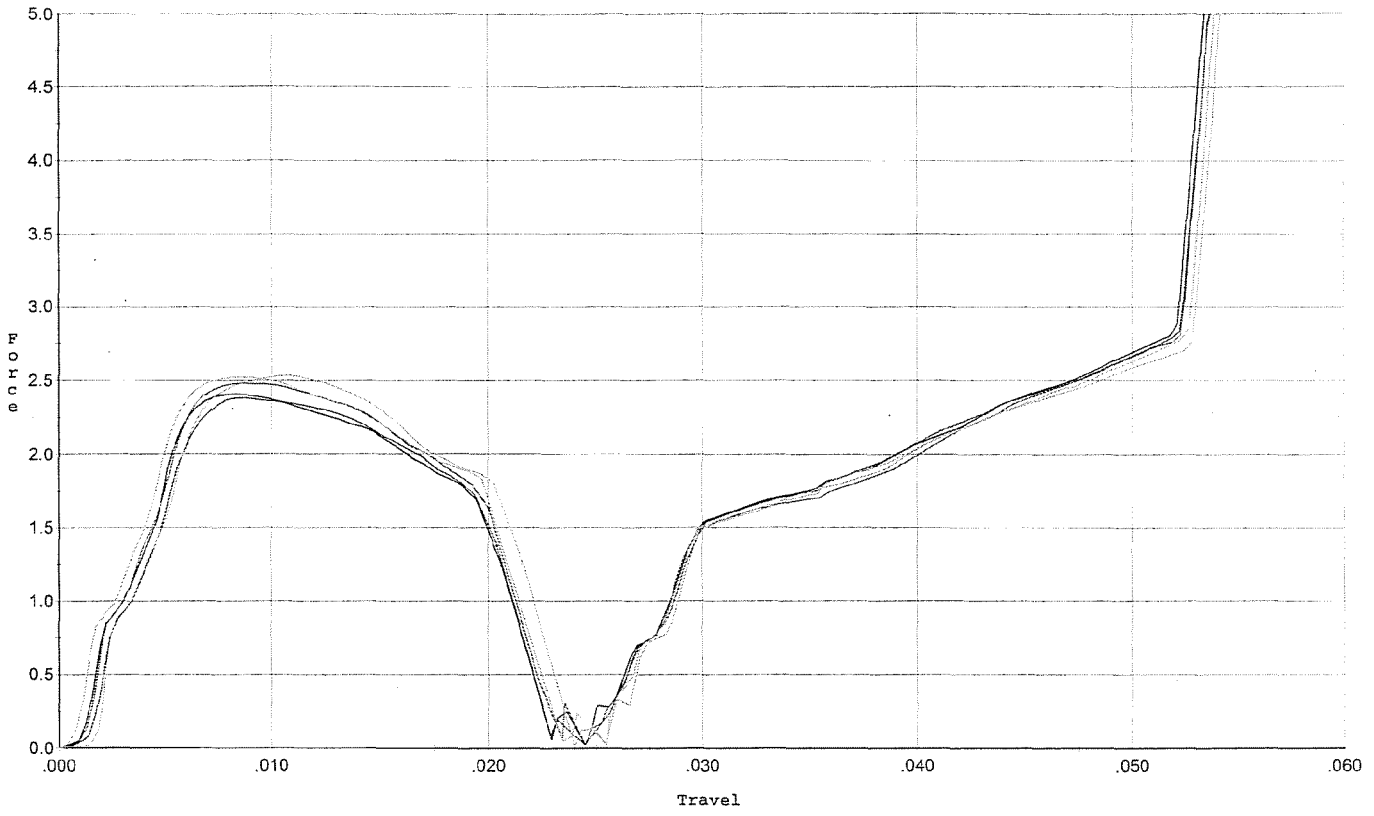
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.625	0.018	0.00	0.038	0.034		Set Trigger
2	2.657	0.018	0.00	0.037	0.036		Set Trigger
3	2.606	0.017	0.00	0.038	0.034		Set Trigger
4	2.326	0.017	0.00	0.037	0.031		Set Trigger
5	2.336	0.017	0.00	0.037	0.030		Set Trigger

A-2-10

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:17:12 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs after 50 cycles+/- .50 lb
Note:	C Schults 3/17/2009		



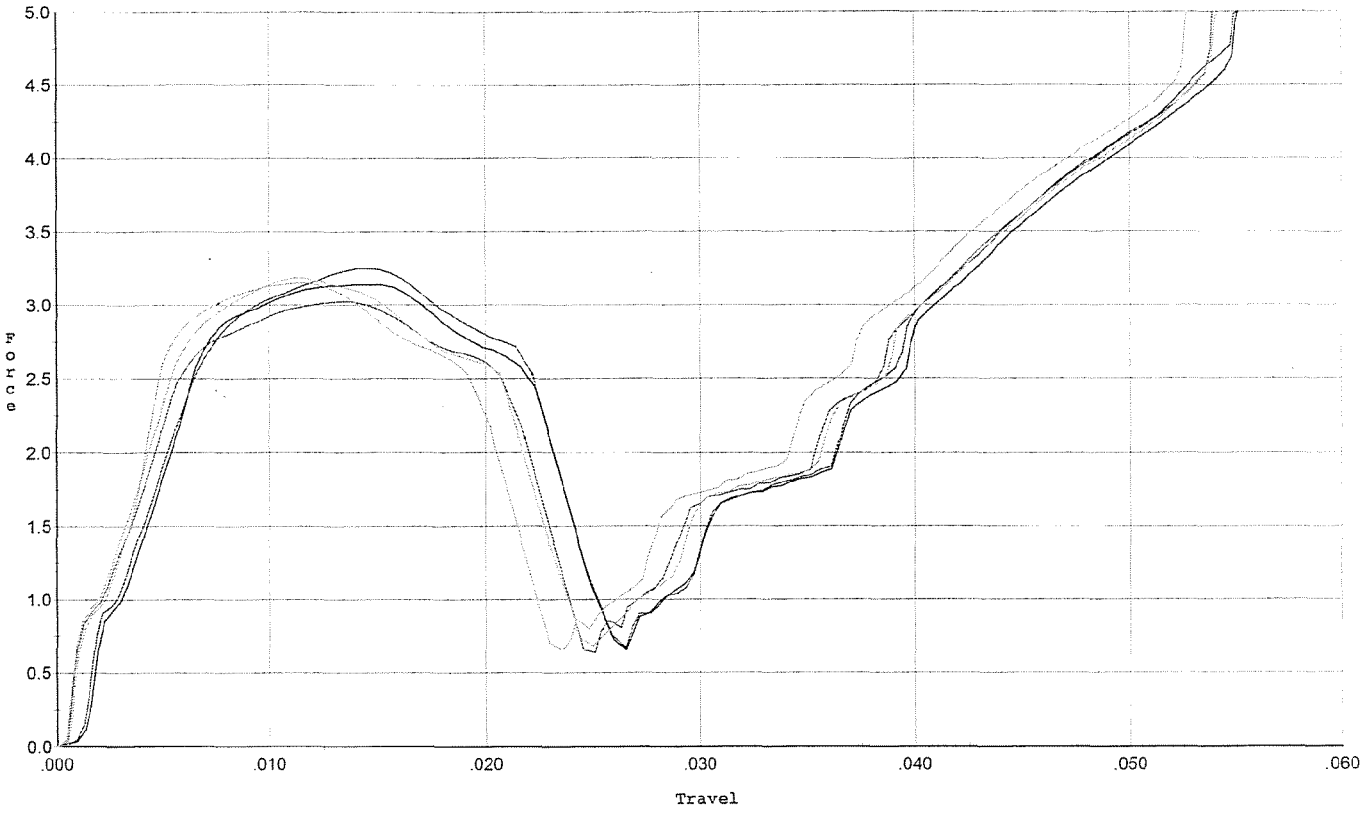
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.381	0.020	0.00	0.038	0.034		Set Trigger
2	2.404	0.021	0.00	0.038	0.035		Set Trigger
3	2.479	0.020	0.00	0.038	0.035		Set Trigger
4	2.522	0.020	0.00	0.039	0.036		Set Trigger
5	2.535	0.022	0.00	0.038	0.038		Set Trigger

A-2-46

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:19:19 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini +/- .75 lb
Note:	C Schults 3/17/2009		



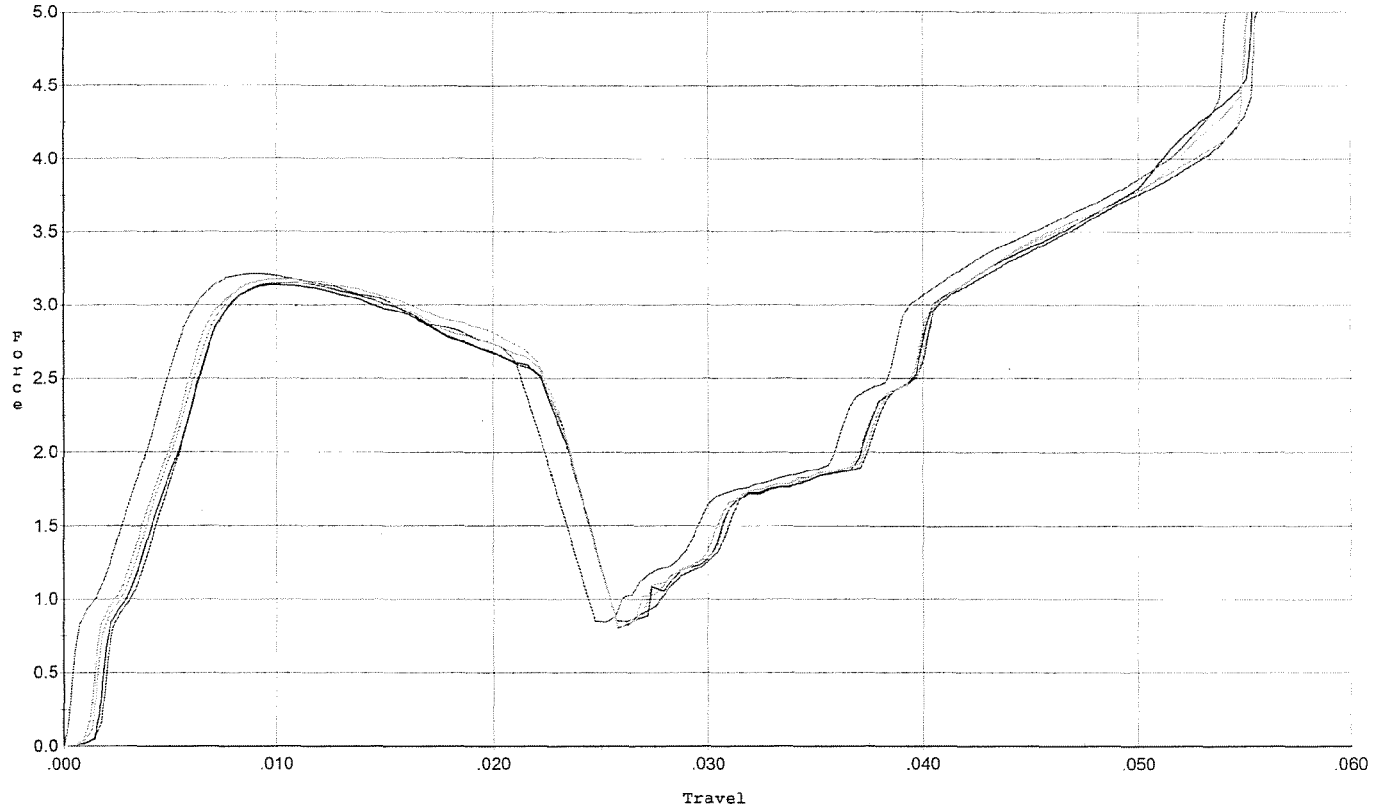
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.250	0.022	0.00	0.036	0.051		Set Trigger
2	3.139	0.022	0.00	0.036	0.050		Set Trigger
3	3.024	0.022	0.00	0.036	0.049		Set Trigger
4	3.185	0.021	0.00	0.036	0.048		Set Trigger
5	3.153	0.020	0.00	0.035	0.046		Set Trigger

A-3.15

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:20:33 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs after 20 cycles+/- .75 lb
Note:	C Schults 3/17/2009		



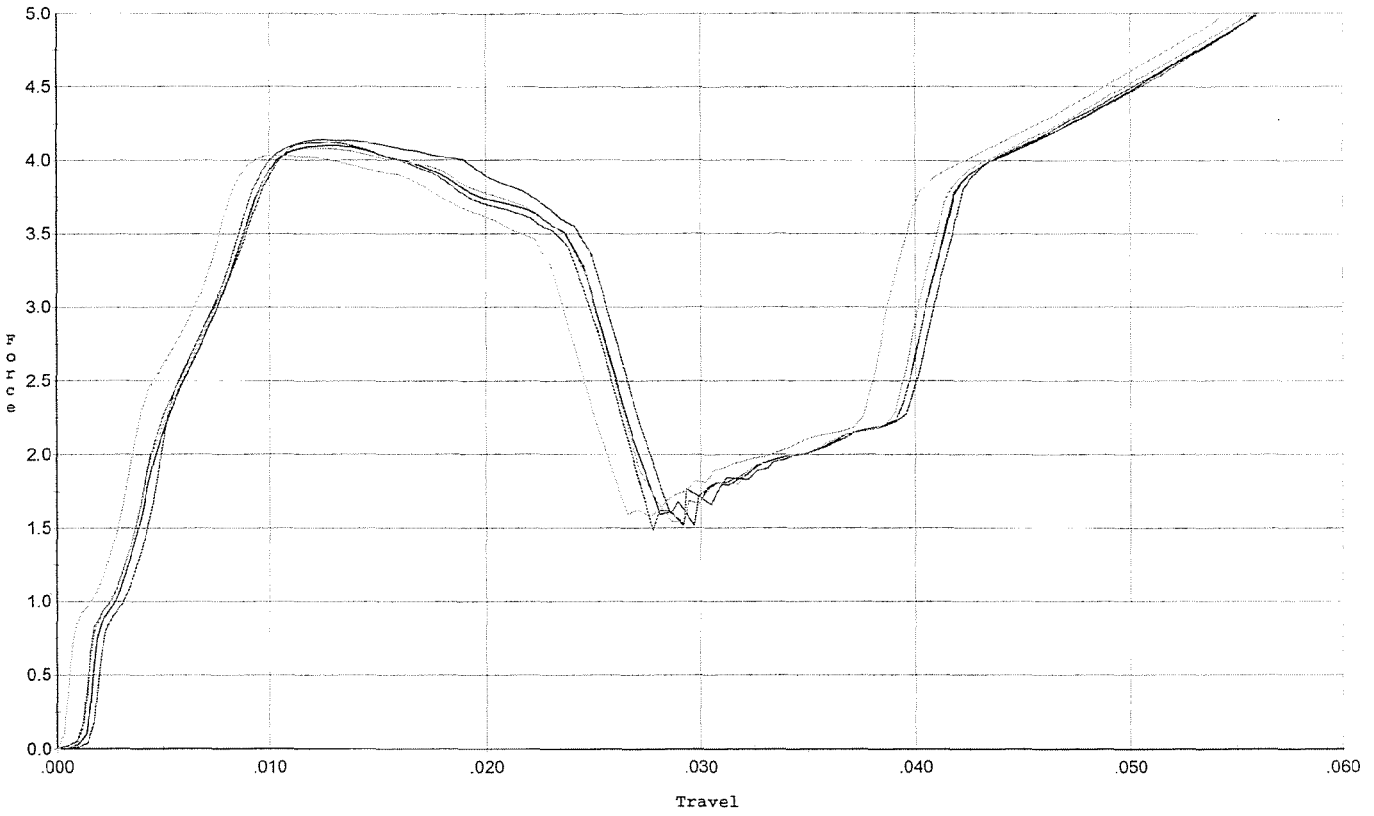
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.150	0.023	0.00	0.036	0.052		Set Trigger
2	3.136	0.023	0.00	0.036	0.052		Set Trigger
3	3.213	0.023	0.00	0.036	0.055		Set Trigger
4	3.176	0.023	0.00	0.036	0.053		Set Trigger
5	3.179	0.023	0.00	0.036	0.054		Set Trigger

A-3.17

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:22:42 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs ini +/- 1.0 lb
Note:	C Schults 3/17/2009		



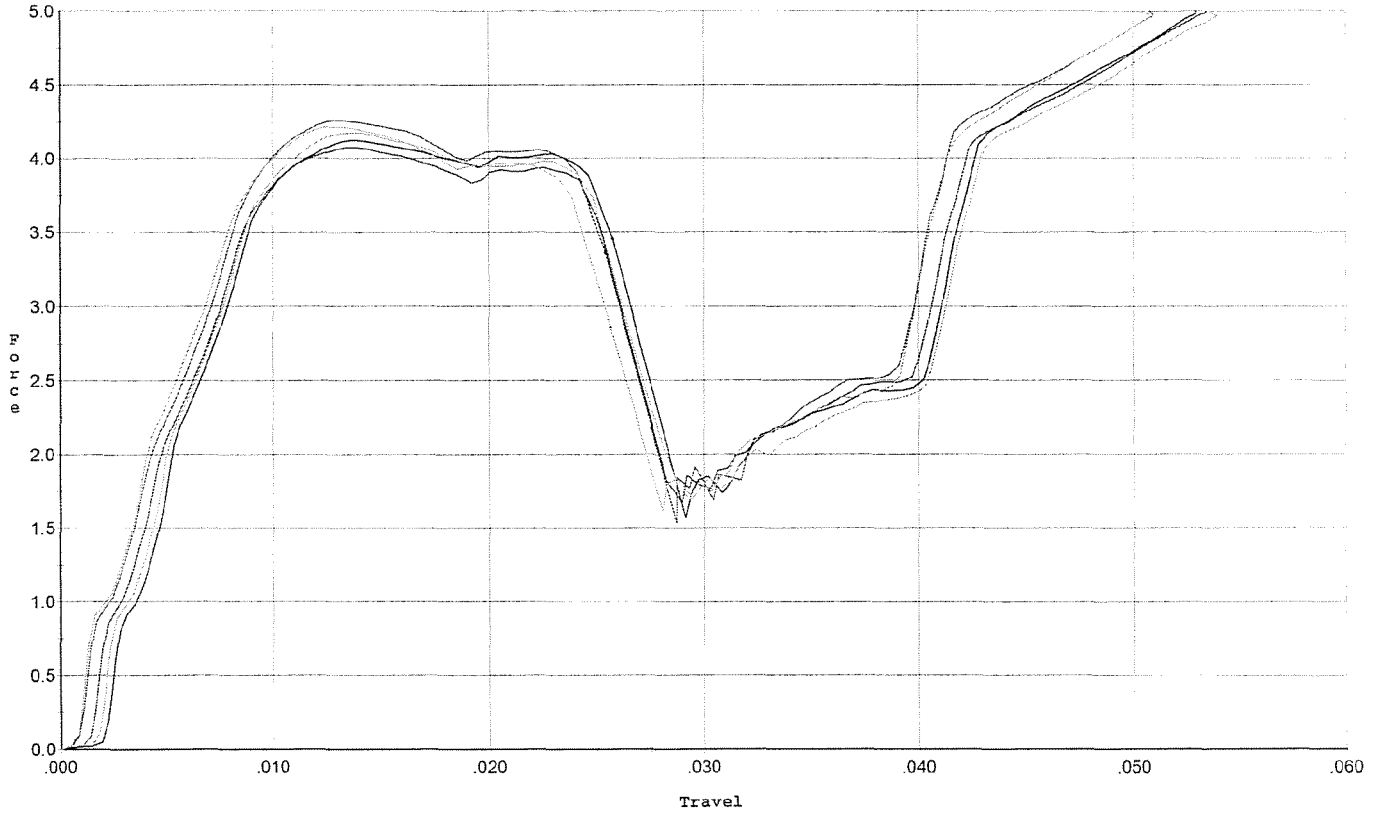
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.142	0.025	0.00	0.033	0.072		Set Trigger
2	4.101	0.025	0.00	0.033	0.070		Set Trigger
3	4.124	0.025	0.00	0.033	0.073		Set Trigger
4	4.031	0.023	0.00	0.033	0.068		Set Trigger
5	4.082	0.025	0.00	0.033	0.071		Set Trigger

A.4.09

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:24:43 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs after 20 cycles +/- 1.0 lb
Note:	C Schults 3/17/2009		



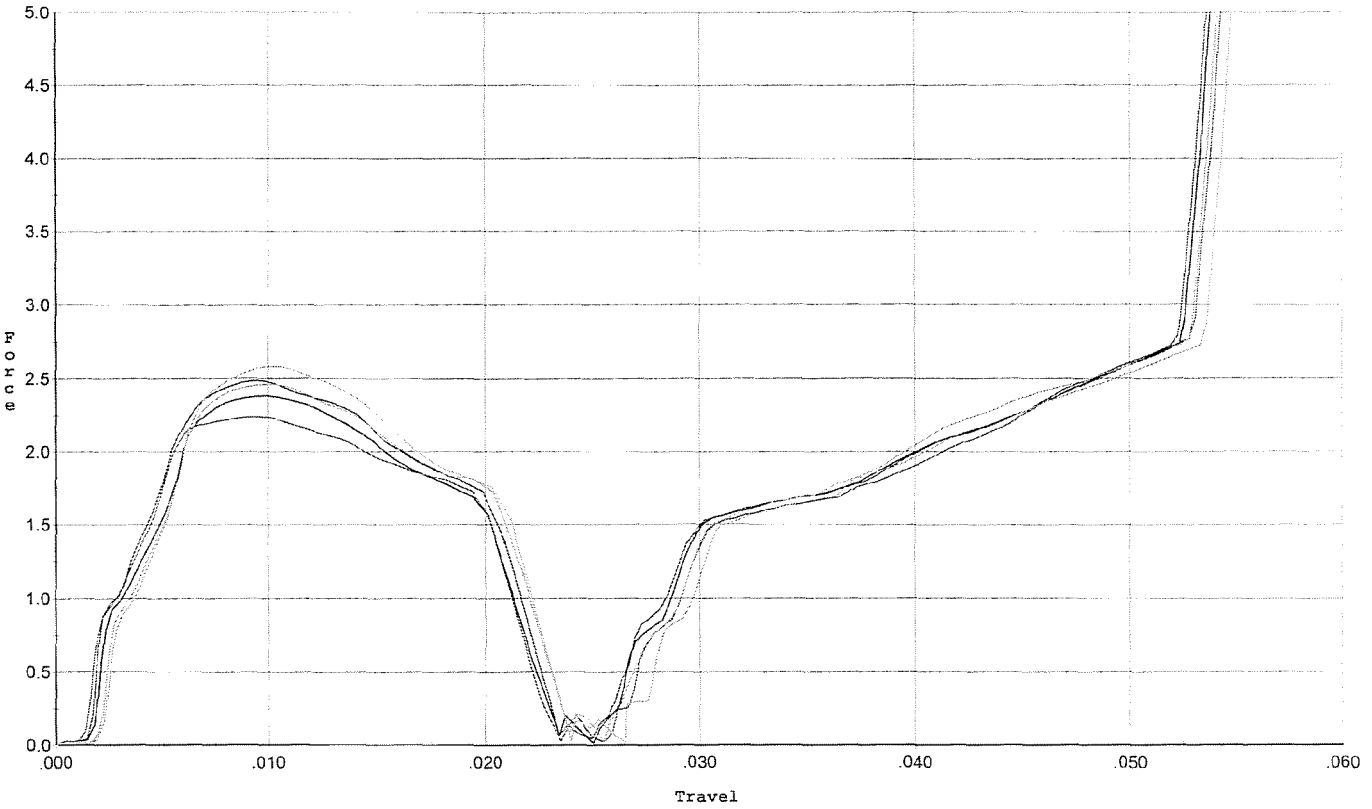
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.074	0.025	0.00	0.032	0.073		Set Trigger
2	4.124	0.026	0.002	0.032	0.075		Set Trigger
3	4.259	0.025	0.00	0.032	0.078		Set Trigger
4	4.173	0.025	0.002	0.033	0.073		Set Trigger
5	4.217	0.026	0.00	0.032	0.078		Set Trigger

4.16

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:43:02 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs +/- .50 lb for final test
Note:	C Schults 3/17/2009		



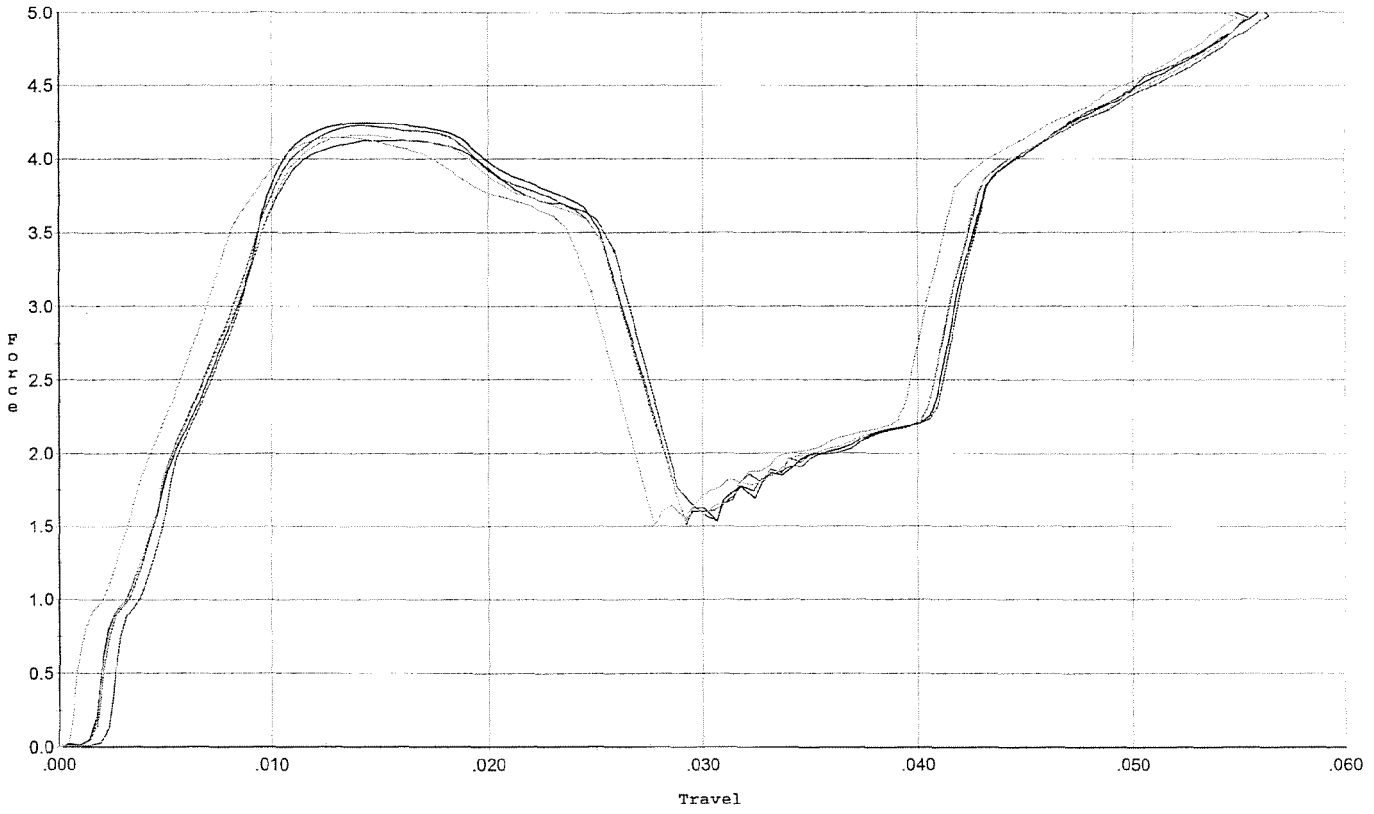
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.488	0.021	0.00	0.038	0.036		Set Trigger
2	2.385	0.020	0.00	0.038	0.033		Set Trigger
3	2.239	0.020	0.00	0.039	0.033		Set Trigger
4	2.582	0.021	0.002	0.038	0.037		Set Trigger
5	2.461	0.022	0.002	0.038	0.036		Set Trigger

A-2-43

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:44:40 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs +/- 1.0 lb for target & accuracy
Note:	C Schults 3/17/2009		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.125	0.026	0.002	0.033	0.073		Set Trigger
2	4.247	0.027	0.00	0.033	0.079		Set Trigger
3	4.225	0.025	0.00	0.033	0.073		Set Trigger
4	4.168	0.025	0.00	0.033	0.072		Set Trigger
5	4.150	0.025	0.00	0.033	0.074		Set Trigger

A. 4.18

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 3/17/2009 11:47:12 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695400.__0
FILE DATE AND TIME: 04/04/2009 06:40

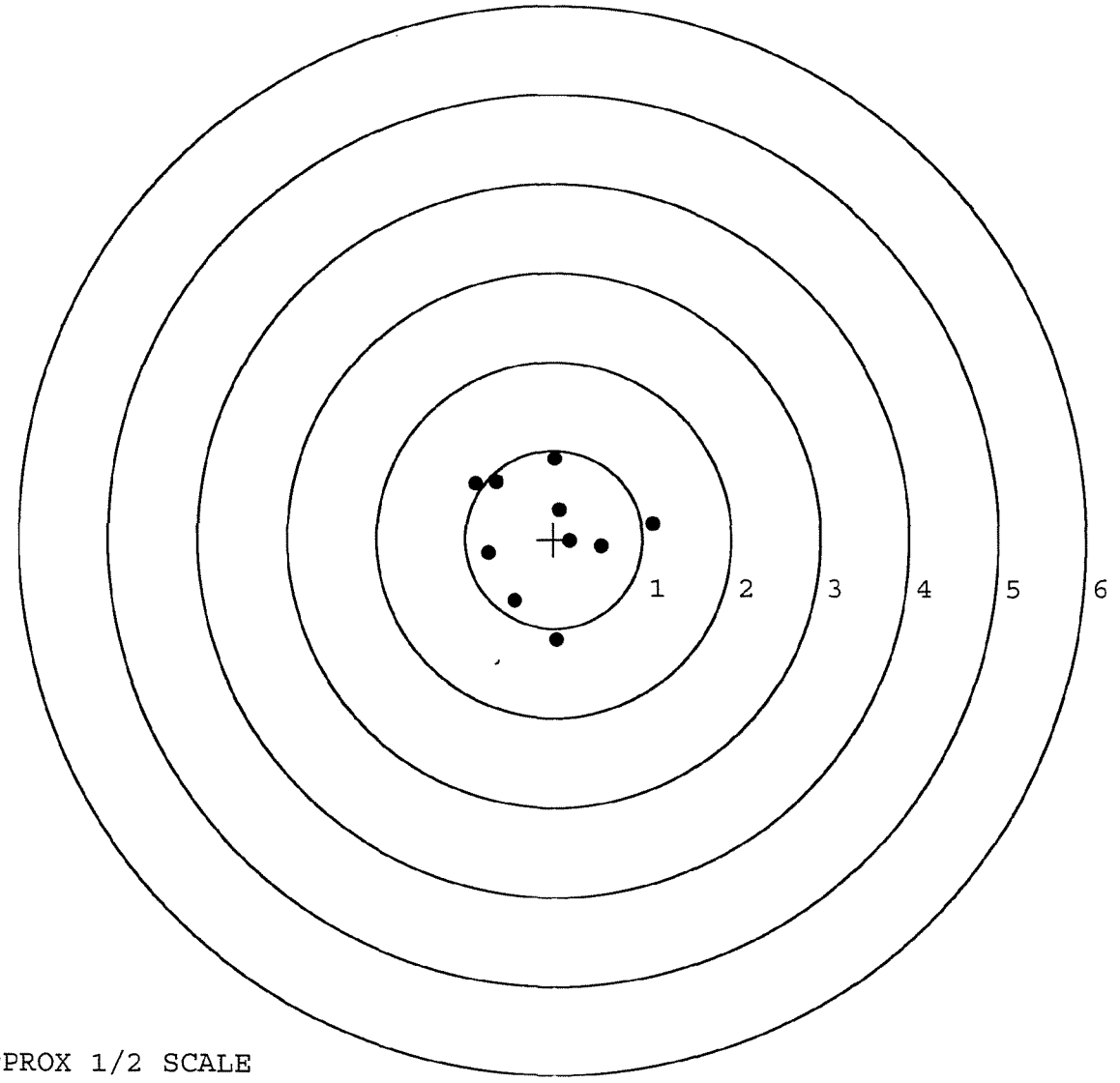
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.010
The Average Y Centroid of the Five Target Set:	0.079
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.726
The Distance from POA to Centroid Target #1:	0.097
The Distance from Centroid Target #2 to Centroid Target #1:	0.238
The Distance from Centroid Target #3 to Centroid Target #1:	0.214
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.192

SERIAL NUMBER: G6695400.__0
TARGET NUMBER: 1
FILE DATE: 04/04/2009
FILE TIME: 06:40

X CENTROID:	-0.077
Y CENTROID:	0.058
POA TO CENTROID:	0.097
HORZ SPREAD:	1.989
VERT SPREAD:	2.042
GROUP SPREAD:	2.042
MIN RADIUS:	0.271
MAX RADIUS:	1.195
MEAN RADIUS:	0.778
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.649	0.643
2:	-0.881	0.623
3:	-0.739	-0.161
4:	-0.445	-0.694
5:	0.032	-1.132
6:	1.108	0.173
7:	0.537	-0.084
8:	0.181	-0.024
9:	0.066	0.328
10:	0.019	0.910

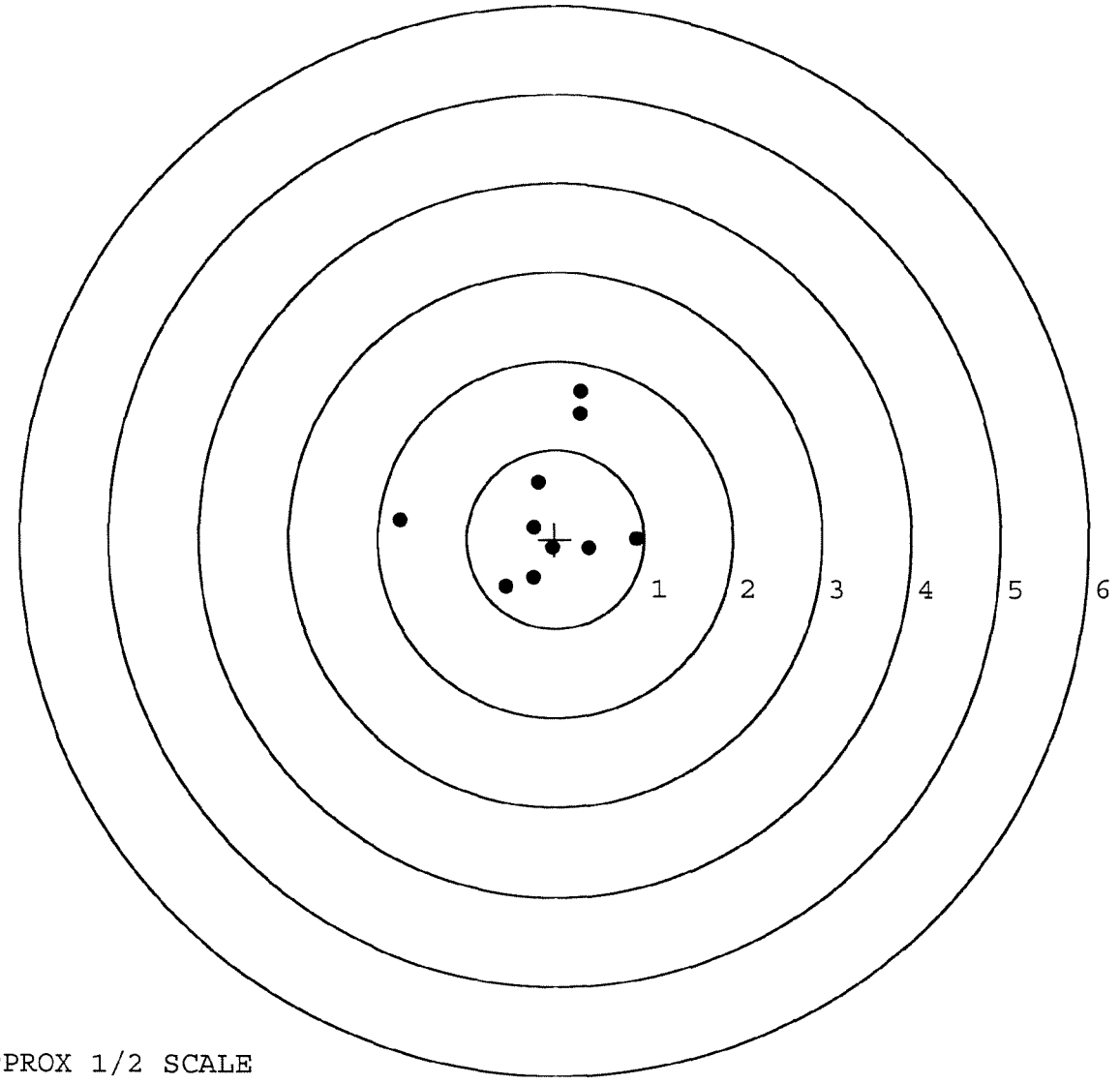


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695400.__0
TARGET NUMBER: 2
FILE DATE: 04/04/2009
FILE TIME: 06:40

X CENTROID:	-0.113
Y CENTROID:	0.293
POA TO CENTROID:	0.314
HORZ SPREAD:	2.668
VERT SPREAD:	2.182
GROUP SPREAD:	2.677
MIN RADIUS:	0.199
MAX RADIUS:	1.638
MEAN RADIUS:	0.856
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.289	1.654
2:	0.282	1.411
3:	-1.750	0.225
4:	-0.187	0.646
5:	-0.234	0.135
6:	-0.558	-0.528
7:	-0.244	-0.427
8:	-0.030	-0.094
9:	0.381	-0.098
10:	0.918	0.007

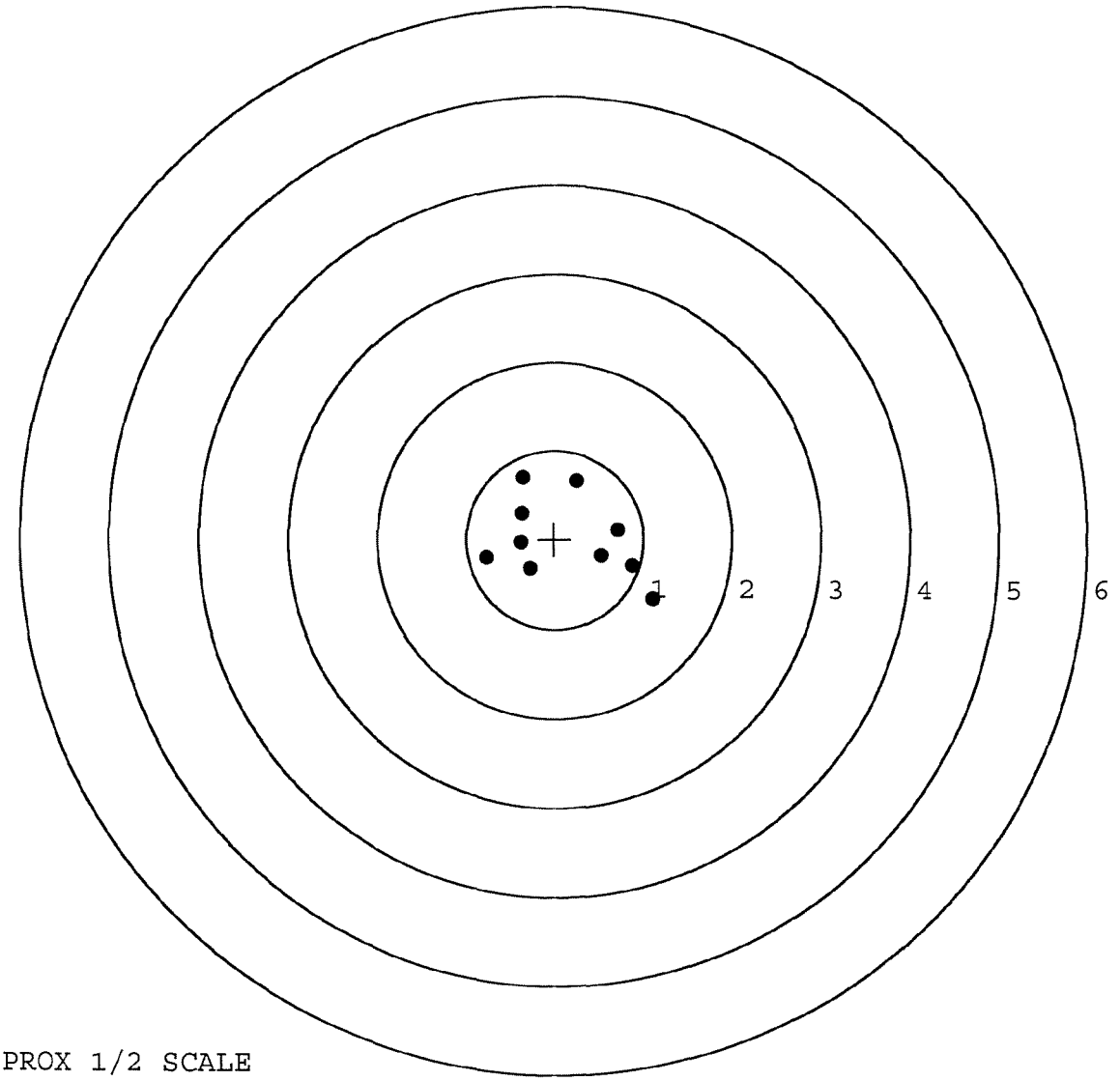


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695400.__0
TARGET NUMBER: 3
FILE DATE: 04/04/2009
FILE TIME: 06:40

X CENTROID:	0.130
Y CENTROID:	0.005
POA TO CENTROID:	0.131
HORZ SPREAD:	1.870
VERT SPREAD:	1.366
GROUP SPREAD:	1.996
MIN RADIUS:	0.441
MAX RADIUS:	1.180
MEAN RADIUS:	0.707
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.100	-0.667
2:	0.874	-0.294
3:	0.530	-0.182
4:	0.708	0.113
5:	0.248	0.660
6:	-0.355	0.699
7:	-0.373	0.296
8:	-0.378	-0.034
9:	-0.280	-0.328
10:	-0.770	-0.208

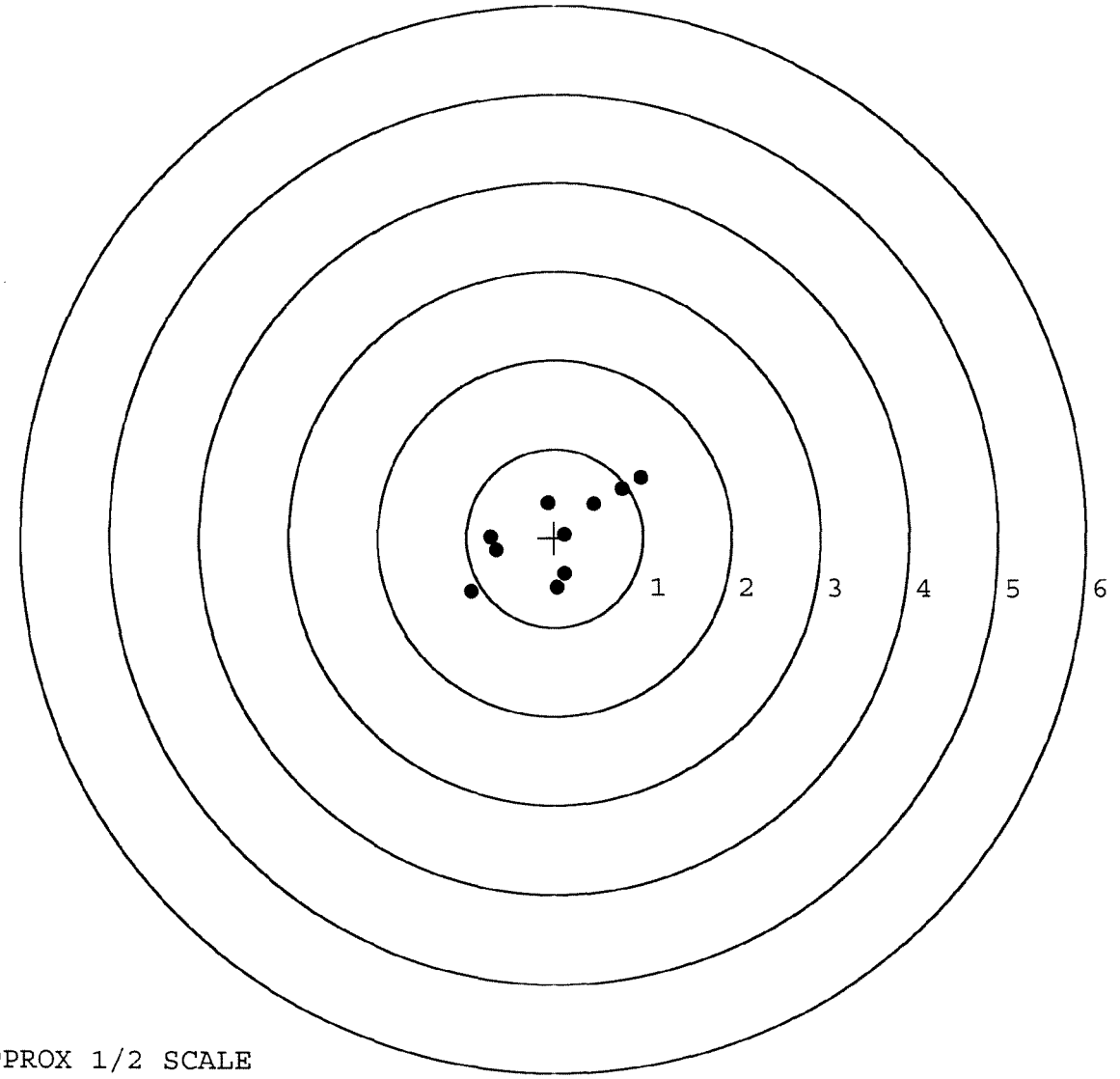


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695400.__0
TARGET NUMBER: 4
FILE DATE: 04/04/2009
FILE TIME: 06:40

X CENTROID:	0.004
Y CENTROID:	0.031
POA TO CENTROID:	0.031
HORZ SPREAD:	1.921
VERT SPREAD:	1.290
GROUP SPREAD:	2.314
MIN RADIUS:	0.112
MAX RADIUS:	1.168
MEAN RADIUS:	0.674
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.723	0.008
2:	-0.655	-0.145
3:	-0.944	-0.613
4:	0.031	-0.566
5:	0.117	-0.410
6:	0.116	0.034
7:	-0.080	0.388
8:	0.977	0.677
9:	0.760	0.552
10:	0.444	0.386

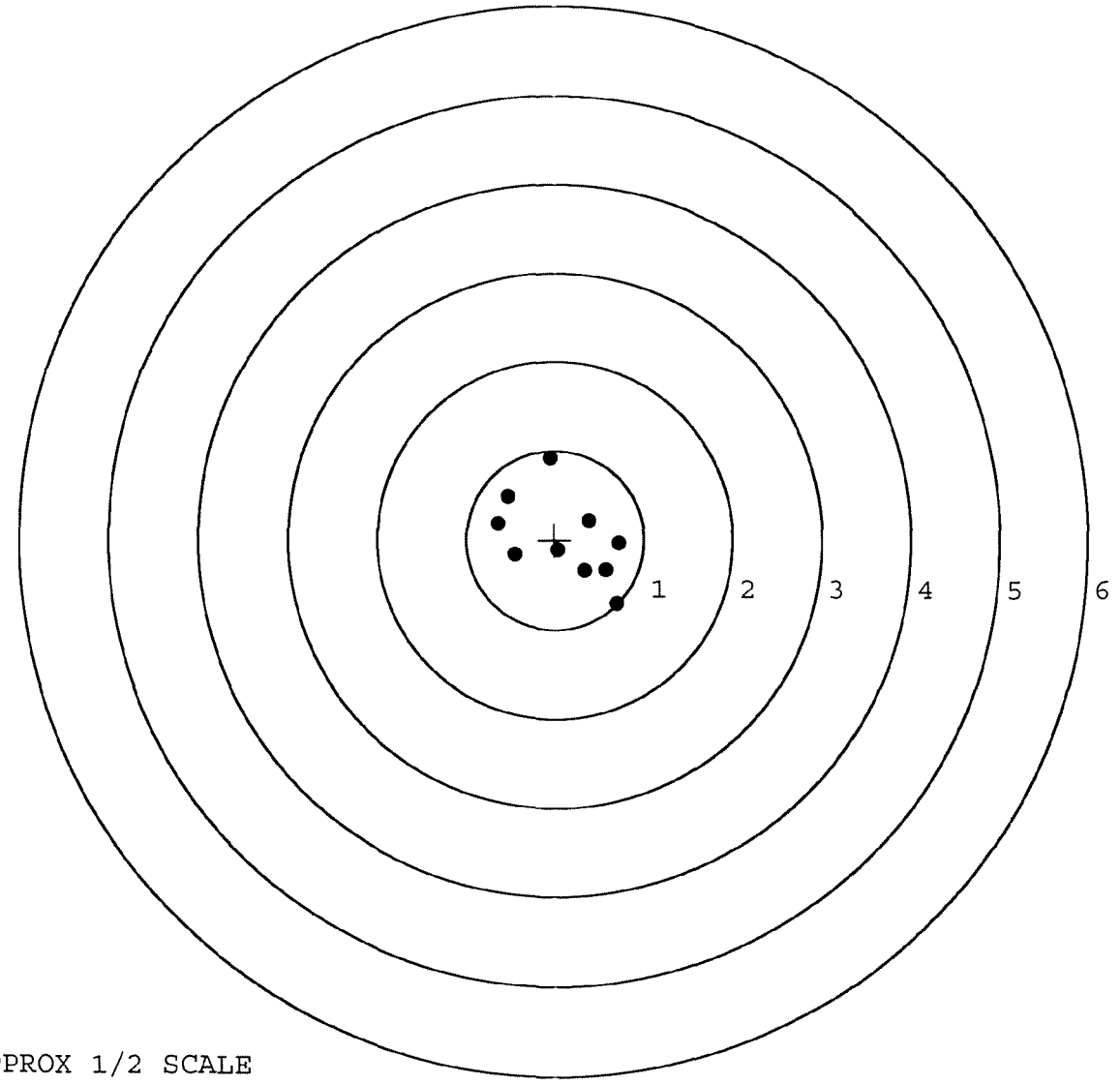


TARGET APPROX 1/2 SCALE

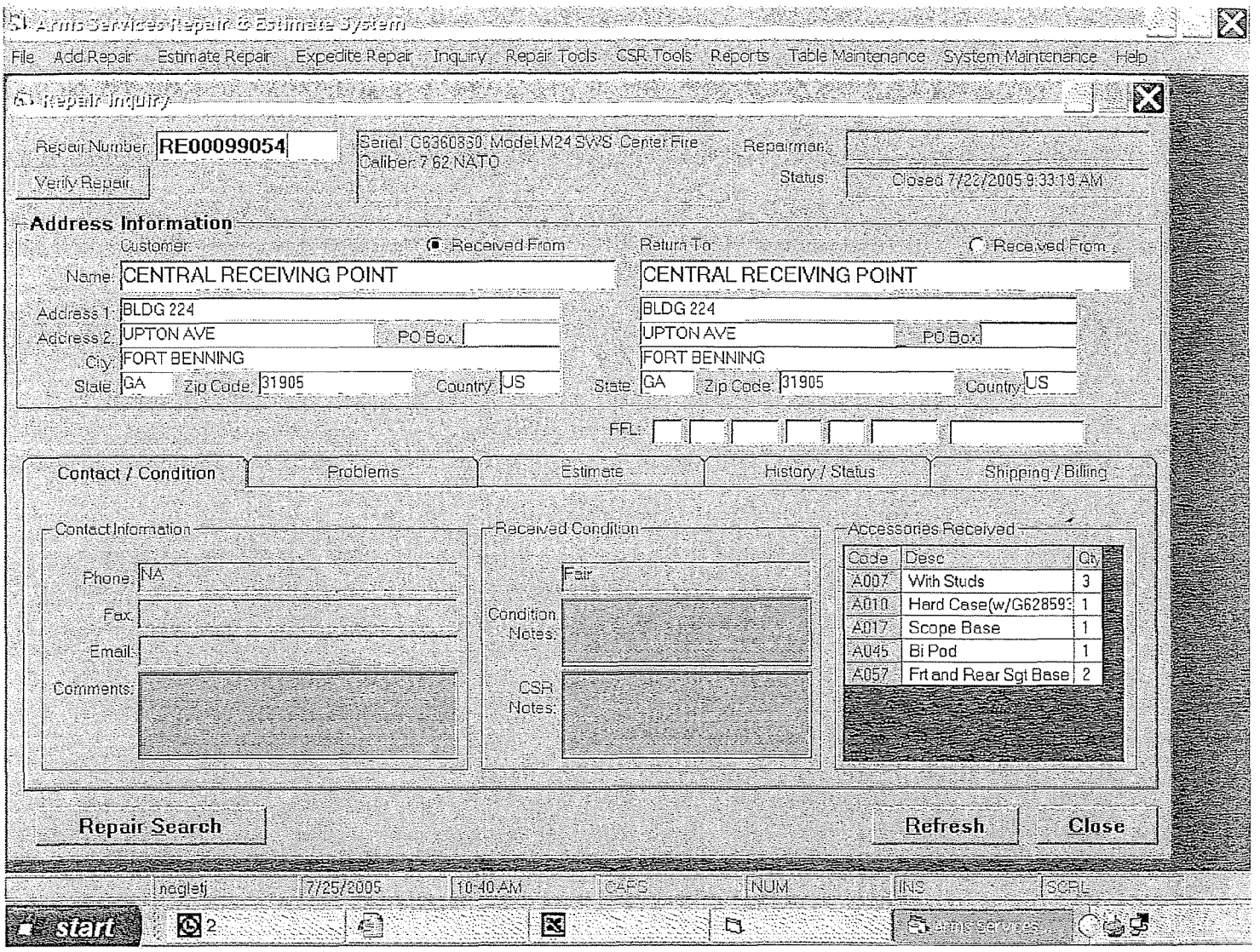
SERIAL NUMBER: G6695400.__0
TARGET NUMBER: 5
FILE DATE: 04/04/2009
FILE TIME: 06:40

X CENTROID:	0.108
Y CENTROID:	0.006
POA TO CENTROID:	0.108
HORZ SPREAD:	1.364
VERT SPREAD:	1.631
GROUP SPREAD:	1.794
MIN RADIUS:	0.142
MAX RADIUS:	0.930
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.051	0.917
2:	-0.531	0.483
3:	-0.641	0.185
4:	-0.450	-0.171
5:	0.696	-0.714
6:	0.335	-0.352
7:	0.579	-0.342
8:	0.723	-0.042
9:	0.038	-0.117
10:	0.383	0.217



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: RE00099054
Verify Repair
Serial: G6360860 Model:M24 SWS Center Fire Caliber: 7.62 NATO
Repairman:
Status: Closed 7/22/2005 9:33:19 AM
Address Information
Customer
Received From
Name: CENTRAL RECEIVING POINT
Address 1: BLDG 224
Address 2: UPTON AVE
PO Box:
City: FORT BENNING
State: GA Zip Code: 31905 Country: US
Return To
Received From
CENTRAL RECEIVING POINT
BLDG 224
UPTON AVE
PO Box:
FORT BENNING
State: GA Zip Code: 31905 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
Code Desc Qty
A007 With Studs 3
A010 Hard Case(w/G628595 1
A017 Scope Base 1
A045 Bi Pod 1
A057 Frt and Rear Sgt Base 2
Repair Search
Refresh
Close
negletj 7/25/2005 10:40 AM CAPS NUM INS SCRL
start


Serial Number:
G6360860
Model: M24 SWS
RE00099054

567B47

MAINTENANCE REQUEST
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

PAGE NO: 1 | NO OF PAGES: 1 | REQUIREMENT CONTROL SYMBOL CSGLD-1047(*R1*)

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER: W3L5S1P | 1b. CUSTOMER UNIT NAME: C 2/16 | 1c. PHONE NO: 575-9256

2a. SAMS-2 UIC/SAMS-I/TDA | 2b. UTILIZATION CODE: Ø | 2c. MCSR

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (*WON*) | 3b. SHOP | 3c. PHONE NO

4a. UIC SUPPORT UNIT | 4b. SUPPORT UNIT NAME

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE: 1 | 6. ID: A | 7. NSN: 1005012404136

8. MODEL: M-24

9. NOUN: Sniper Weapon System

10a ORG WON/DOC NO | 10b. EIC

11. SERIAL NUMBER: G 636086 D | 12. QTY: 00001 | 13. PD: 03

14. MALFUNCTION DESCRIPTION (*for DSU, GSU/AVIM, DEPOT use*)

15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (*Enter code*) See DA Pamphlets 738-750 and 738-751: F

15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (*Enter Code*) See DA Pamphlets 738-750 and 738-751: 099

16. MILES/KILOMETERS/HOURS/ROUNDS: M | K | H | R

17. PROJECT CODE (*if assigned*): SQD | 18. ACCOUNT PROCESSING CODE: M19W2M | 19. IN WARRANTY? (*enter Y or N*): Y | 20. ADMIN NO

21. REIMBURSABLE CUSTOMER (*if Intransit customer enter Y or N*): N

22. LEVEL OF WORK: F | 23. SIGNATURE: [signature]

24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (*Do not prescribe repairs*)

Front action screw stripped

25. REMARKS

no scope POC SGT [illegible] 575-9256

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. MH EXP
A	WAR	M	Warranty	1	KYAB	020		

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: [signature] | 35a. ACCEPTED BY | 35c. DATE | 36a. WORK STARTED BY | 37a. INSPECTED BY | 38a. PICKED UP BY

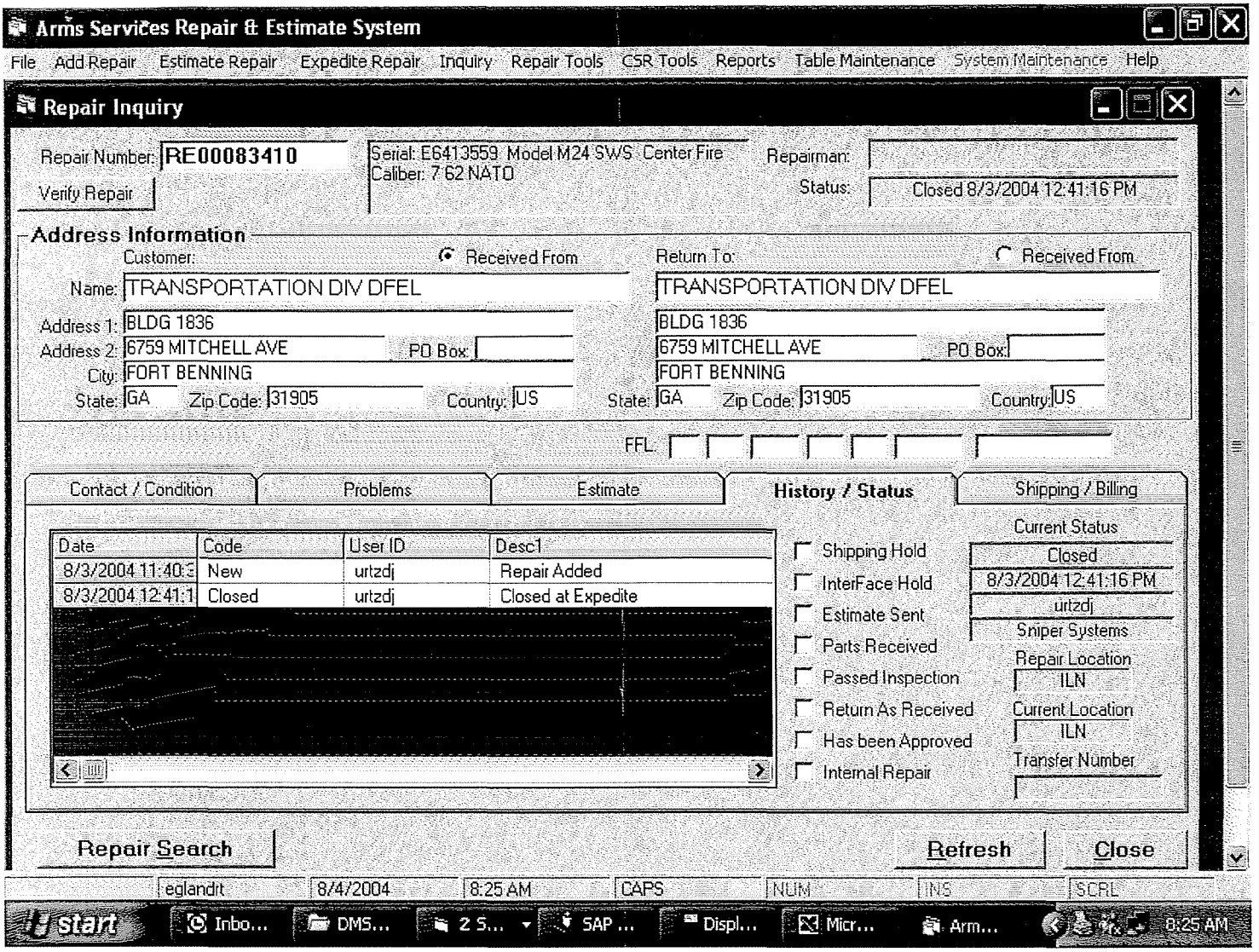
34b. DATE | 35b. STATUS | 35d. TIME | 36b. STATUS | 36c. DATE | 36d. TIME | 37b. STATUS | 37c. DATE | 37d. TIME | 38b. STATUS | 38c. DATE | 38d. TIME

DA FORM 2407, JUL 94

NMP COPY 2

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

R & E NUMBER	99054		
SERIAL NUMBER	CG3600860		
LOG-IN DATE	7-22-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-17-05	AC
D	SAFETY "OFF" FORCE	8-17-05	AC
E	FIRING PIN INDENT	8-17-05	AC
640	~~TARGET~~ Clean & Test	8-12-05	TRW
655	FINAL INSPECT	8-17-05	AC
660	PACK	8-30-05	DH
	Replace Front Guard Screw	8-8-05	RJC
		SHIP DATE	
	QAR INSPECTION DATE		



G63608600 New

Serial Number: E6413559

Model: M24 SWS

RE00083410

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)

SERIAL NO. _____

DATE 7-19-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.28	2.53		2.56	
PULL #2	2.41	2.66		2.49	
PULL #3	2.27	2.82		2.42	
PULL #4	2.58	2.63		2.80	
PULL #5	2.61	2.75		2.73	
TOTAL	12.15	13.39		13.00	
AVERAGE	2.43	2.67		2.60	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.03		
PULL #2	3.19	3.03		
PULL #3	3.41	3.01		
PULL #4	3.31	3.00		
PULL #5	3.28	3.09		
TOTAL	16.56	15.16		
AVERAGE	3.31	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	4.31	4.37		4.41
PULL #2	4.15	3.92		4.63
PULL #3	4.40	4.13		4.65
PULL #4	4.23	3.86		4.63
PULL #5	4.25	4.02		4.68
TOTAL	21.34	20.30		2300
AVERAGE	4.26	4.06		4.60

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360860.__0
FILE DATE AND TIME: 08/17/2004 05:59

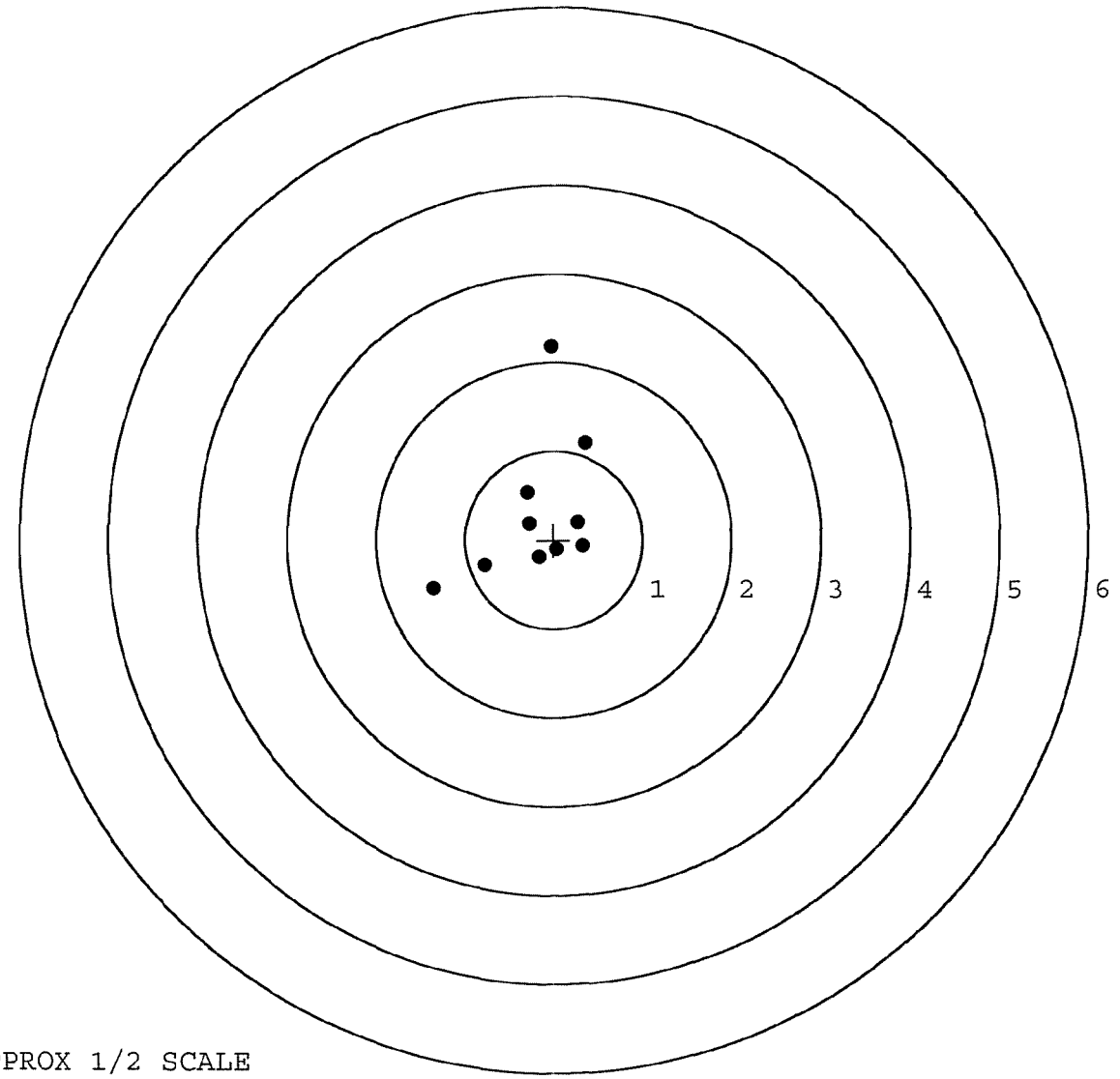
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	0.105
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.711
The Distance from POA to Centroid Target #1:	0.355
The Distance from Centroid Target #2 to Centroid Target #1:	0.373
The Distance from Centroid Target #3 to Centroid Target #1:	0.468
The Distance from Centroid Target #4 to Centroid Target #1:	0.276
The Distance from Centroid Target #5 to Centroid Target #1:	0.349

SERIAL NUMBER: G6360860.__0
TARGET NUMBER: 1
FILE DATE: 08/17/2004
FILE TIME: 05:59

X CENTROID:	-0.191
Y CENTROID:	0.299
POA TO CENTROID:	0.355
HORZ SPREAD:	1.716
VERT SPREAD:	2.727
GROUP SPREAD:	3.035
MIN RADIUS:	0.140
MAX RADIUS:	1.883
MEAN RADIUS:	0.758
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.356	1.089
2:	-0.027	2.175
3:	-1.360	-0.552
4:	-0.776	-0.286
5:	-0.299	0.540
6:	-0.275	0.188
7:	-0.164	-0.197
8:	0.039	-0.100
9:	0.329	-0.067
10:	0.269	0.204

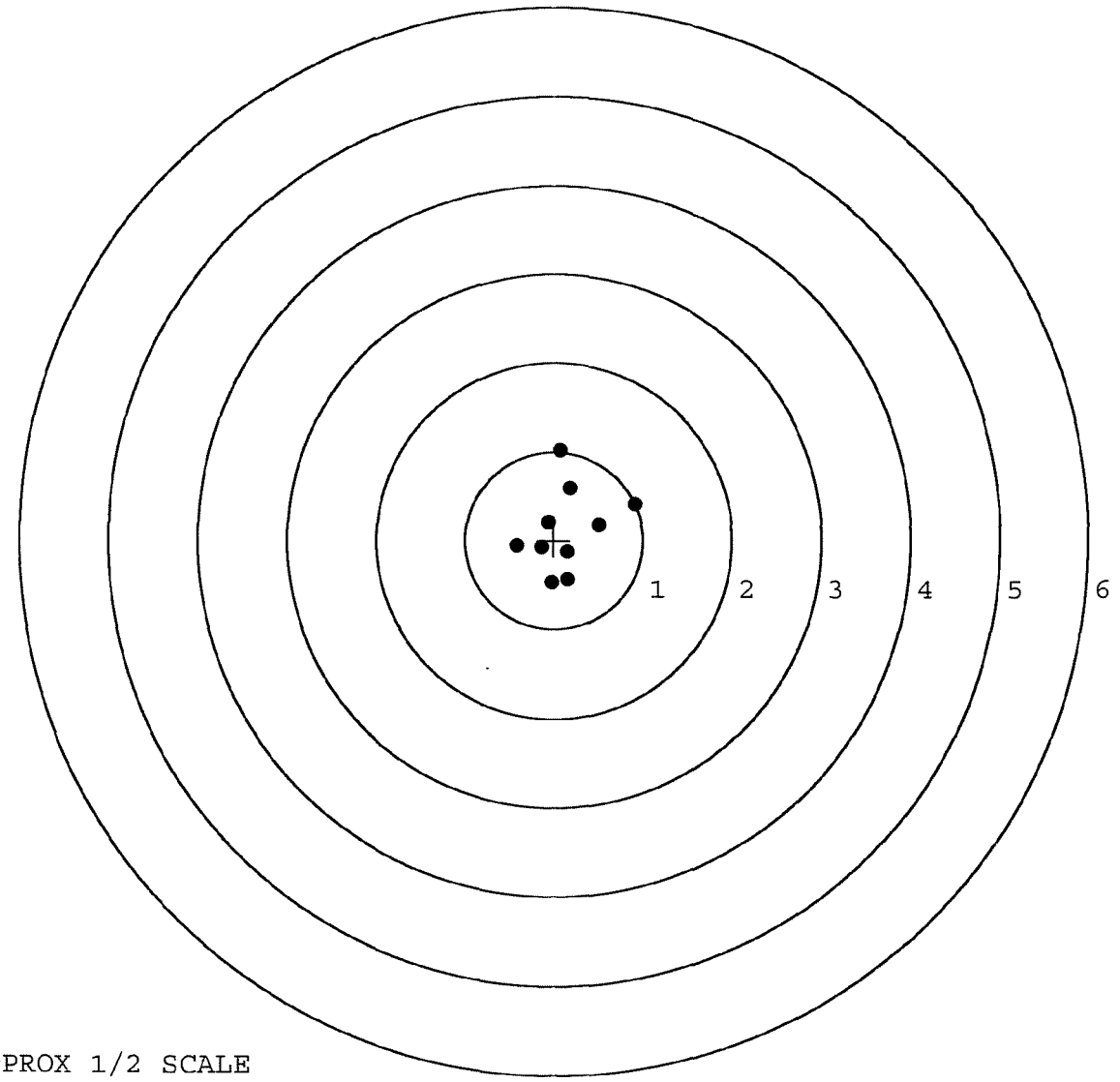


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360860.__0
TARGET NUMBER: 2
FILE DATE: 08/17/2004
FILE TIME: 05:59

X CENTROID:	0.136
Y CENTROID:	0.119
POA TO CENTROID:	0.180
HORZ SPREAD:	1.327
VERT SPREAD:	1.500
GROUP SPREAD:	1.503
MIN RADIUS:	0.209
MAX RADIUS:	0.900
MEAN RADIUS:	0.516
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.912	0.412
2:	0.182	0.593
3:	0.078	1.017
4:	0.156	-0.449
5:	-0.024	-0.483
6:	-0.415	-0.061
7:	0.507	0.177
8:	-0.055	0.204
9:	0.156	-0.136
10:	-0.139	-0.085

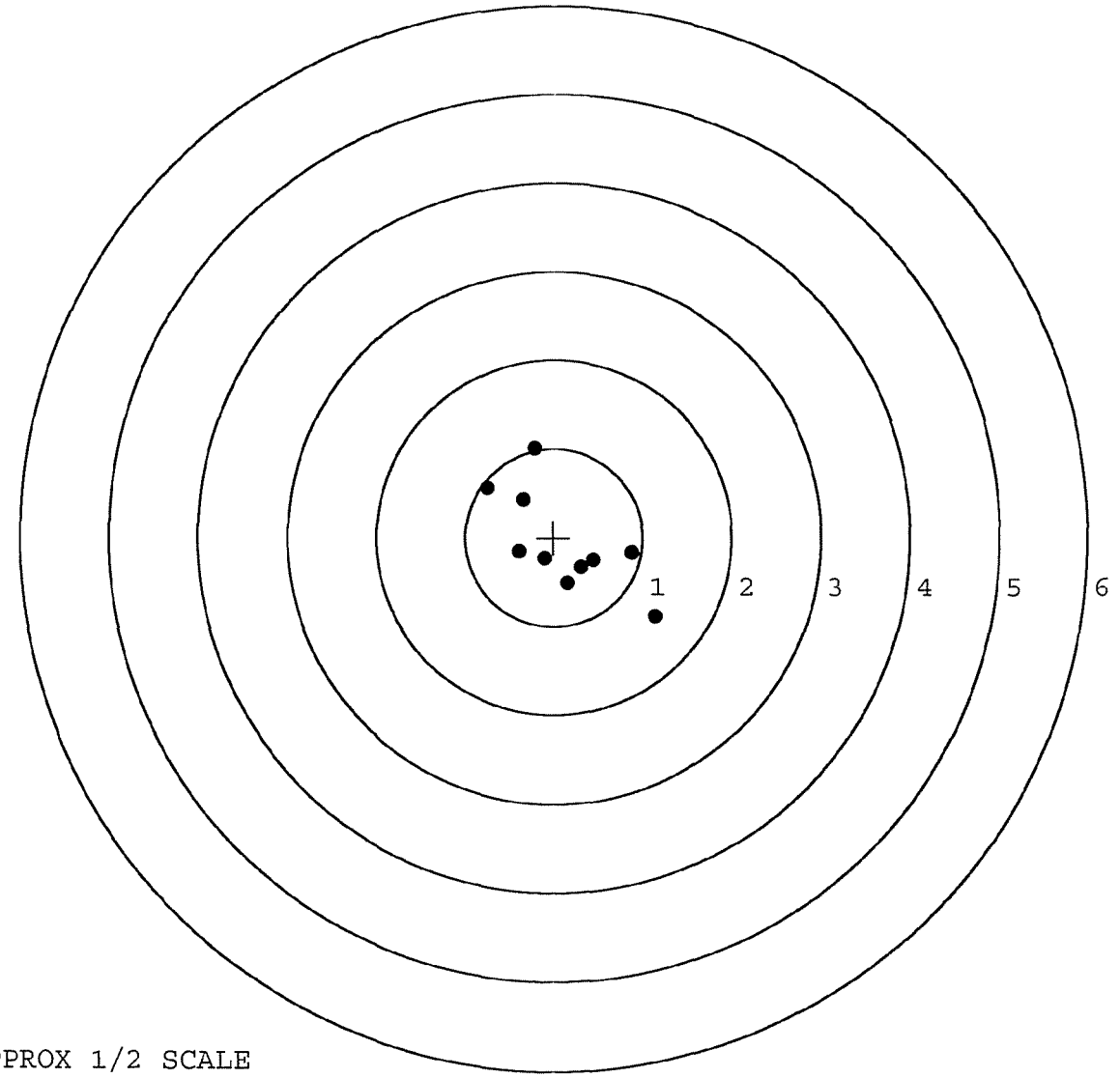


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360860.__0
TARGET NUMBER: 3
FILE DATE: 08/17/2004
FILE TIME: 05:59

X CENTROID:	0.112
Y CENTROID:	-0.057
POA TO CENTROID:	0.126
HORZ SPREAD:	1.890
VERT SPREAD:	1.895
GROUP SPREAD:	2.385
MIN RADIUS:	0.279
MAX RADIUS:	1.323
MEAN RADIUS:	0.693
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.138	-0.892
2:	0.880	-0.168
3:	0.448	-0.255
4:	0.309	-0.336
5:	0.159	-0.519
6:	-0.101	-0.236
7:	-0.391	-0.158
8:	-0.346	0.431
9:	-0.752	0.562
10:	-0.220	1.003

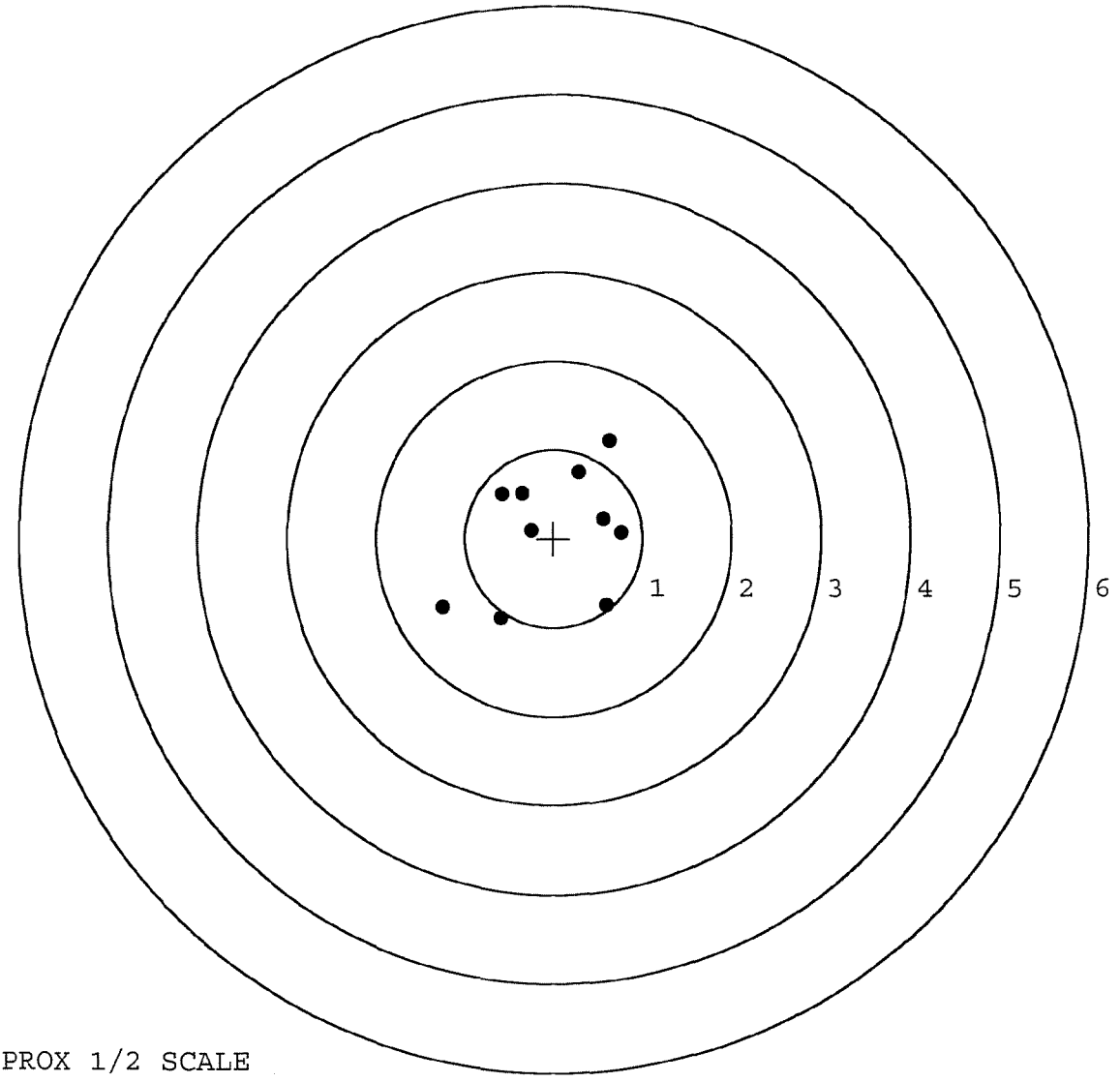


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360860.__0
TARGET NUMBER: 4
FILE DATE: 08/17/2004
FILE TIME: 05:59

X CENTROID:	-0.021
Y CENTROID:	0.083
POA TO CENTROID:	0.085
HORZ SPREAD:	2.013
VERT SPREAD:	2.001
GROUP SPREAD:	2.661
MIN RADIUS:	0.231
MAX RADIUS:	1.499
MEAN RADIUS:	0.847
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.594	-0.751
2:	-0.599	-0.895
3:	-1.249	-0.776
4:	0.764	0.069
5:	0.557	0.224
6:	0.632	1.106
7:	0.286	0.741
8:	-0.581	0.503
9:	-0.358	0.513
10:	-0.251	0.093

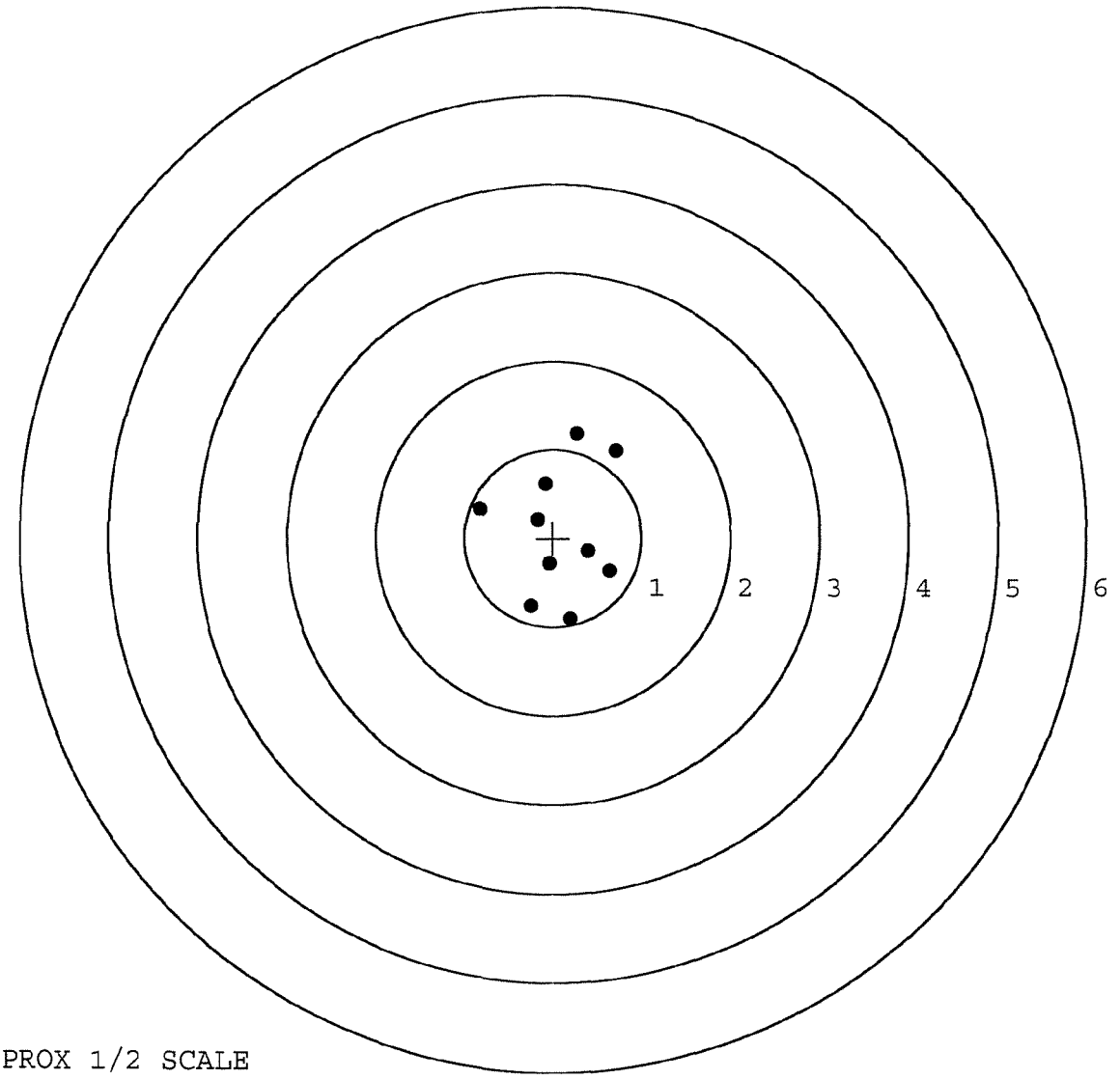


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360860.__0
TARGET NUMBER: 5
FILE DATE: 08/17/2004
FILE TIME: 05:59

X CENTROID:	0.082
Y CENTROID:	0.082
POA TO CENTROID:	0.116
HORZ SPREAD:	1.541
VERT SPREAD:	2.094
GROUP SPREAD:	2.095
MIN RADIUS:	0.289
MAX RADIUS:	1.111
MEAN RADIUS:	0.743
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

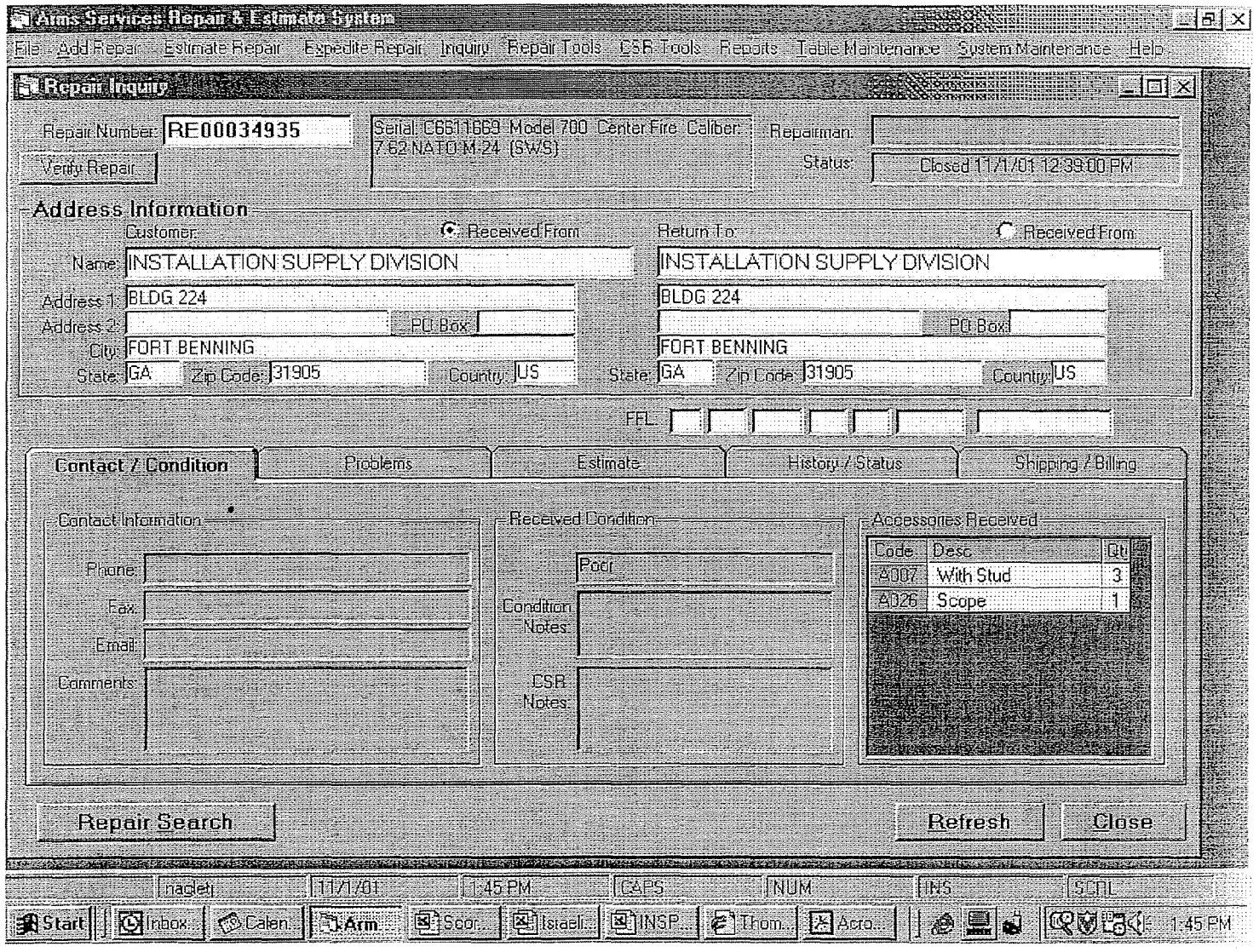
POINT#	X	Y
1:	0.641	-0.370
2:	0.397	-0.149
3:	0.200	-0.917
4:	-0.252	-0.772
5:	-0.040	-0.291
6:	-0.178	0.208
7:	-0.832	0.331
8:	-0.088	0.612
9:	0.268	1.177
10:	0.709	0.990



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	83410		
SERIAL NUMBER	~~E6443559~~	G6360860 New	
LOG-IN DATE	8-3-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-04	RTL
560 A	RE-BARREL	8-9-04	RTL
B	DRILL AND TAP	~~8-9-04~~	TRW
575	ASSEMBLE	8-10-04	RTL
600	PROOF MAGNA-FLUX INSPECTED	8-10-04	RTL
605	CHECK HEADSPACE AUG 11 2004	8-10-04	RTL
610	DIS-ASSEMBLE GUN OPERATOR	8-10-04	RTL
612	MAGNAFLUX	—	—
615	ROLLMARK CALIBER	8/11/04	AB
618	ROTO-BLAST	8/12/04	DG
620	APPLY COATINGS	8/12	HP
625 A	FINAL ASSEMBLY	8-16-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-17-04	
655	FINAL INSPECT	9-24-04	RL
660	PACK	9-24-04	DH
		SHIP DATE	
	QAR INSPECTION DATE		



Serial Number: C6611669

Model: 700

E6413559

RE00034935

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413559.__0
FILE DATE AND TIME: 11/27/2001 11:17

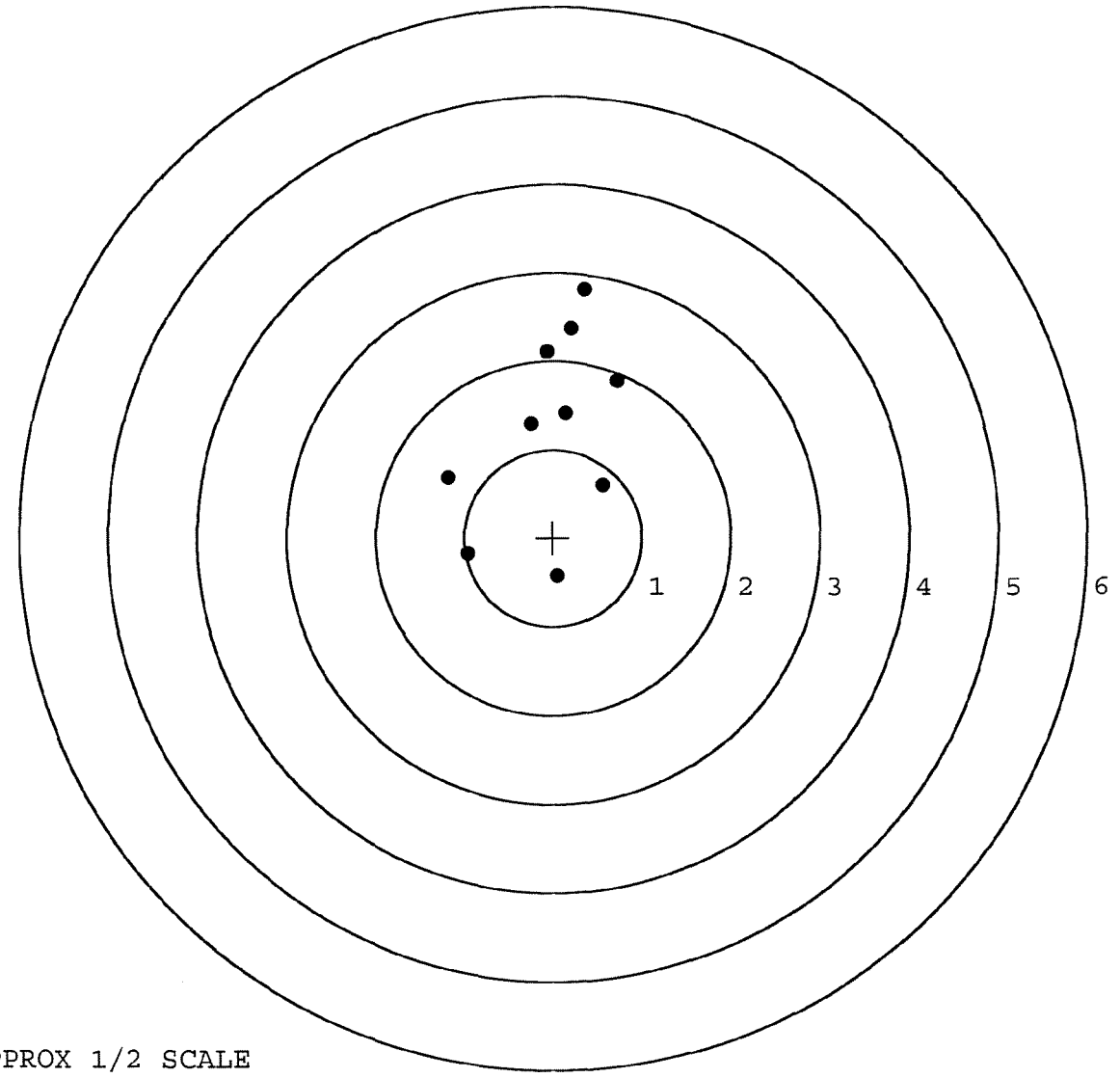
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	0.197
The Average Point of Impact of the Five Target Set:	0.197
The Average Mean Radius of the Five Target Set:	1.106
The Distance from POA to Centroid Target #1:	1.243
The Distance from Centroid Target #2 to Centroid Target #1:	1.570
The Distance from Centroid Target #3 to Centroid Target #1:	1.182
The Distance from Centroid Target #4 to Centroid Target #1:	1.511
The Distance from Centroid Target #5 to Centroid Target #1:	1.009

SERIAL NUMBER: E6413559.__0
TARGET NUMBER: 1
FILE DATE: 11/27/2001
FILE TIME: 11:17

X CENTROID:	-0.042
Y CENTROID:	1.242
POA TO CENTROID:	1.243
HORZ SPREAD:	1.902
VERT SPREAD:	3.241
GROUP SPREAD:	3.262
MIN RADIUS:	0.217
MAX RADIUS:	1.692
MEAN RADIUS:	1.055
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.355	2.805
2:	0.207	2.366
3:	-0.067	2.103
4:	-0.253	1.291
5:	0.141	1.412
6:	0.562	0.600
7:	0.053	-0.436
8:	-0.956	-0.182
9:	-1.181	0.683
10:	0.721	1.779

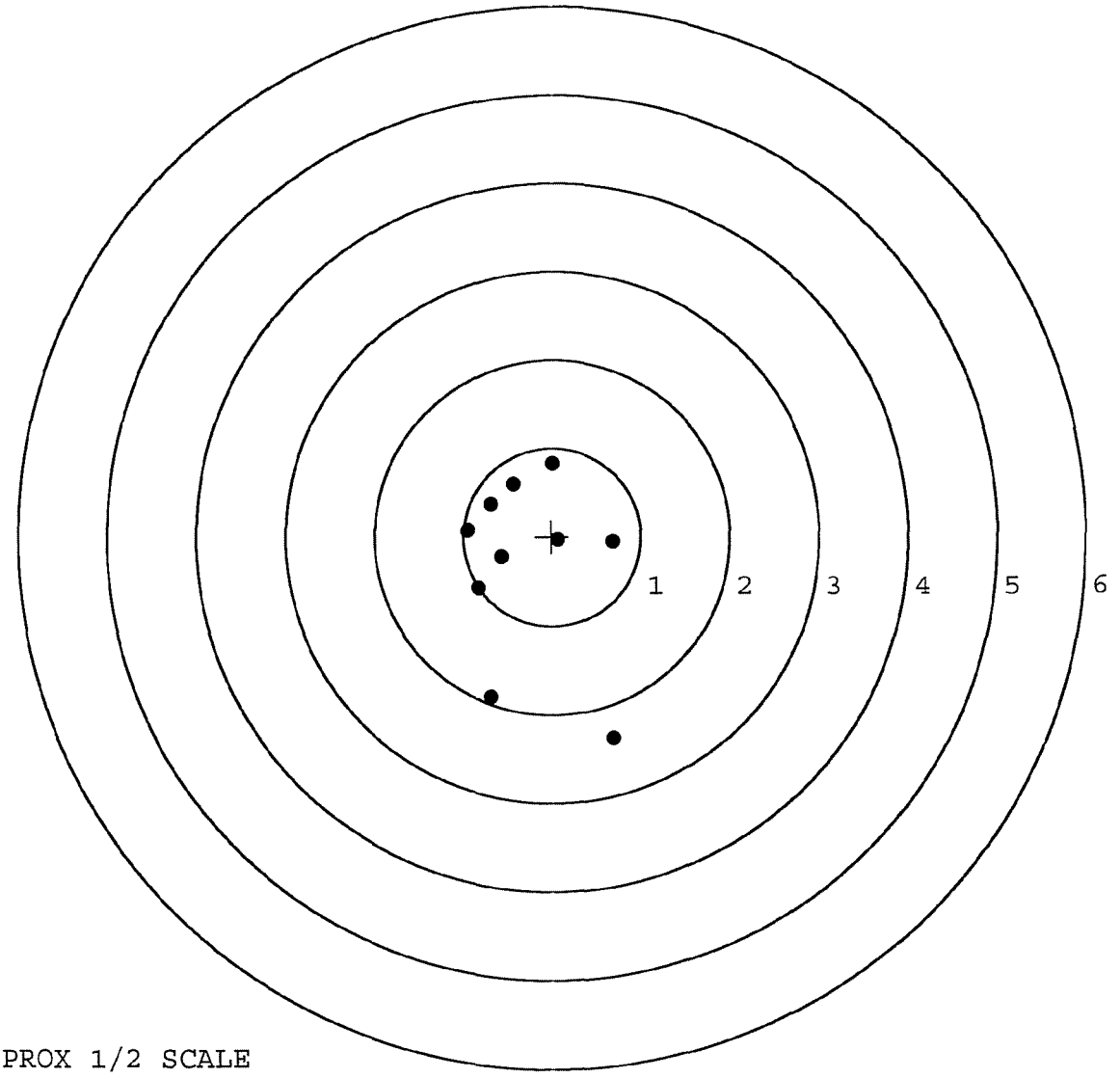


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413559.__0
TARGET NUMBER: 2
FILE DATE: 11/27/2001
FILE TIME: 11:17

X CENTROID:	-0.270
Y CENTROID:	-0.311
POA TO CENTROID:	0.412
HORZ SPREAD:	1.640
VERT SPREAD:	3.097
GROUP SPREAD:	3.171
MIN RADIUS:	0.309
MAX RADIUS:	2.183
MEAN RADIUS:	0.976
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.008	0.826
2:	-0.434	0.594
3:	0.068	-0.036
4:	0.691	-0.055
5:	0.691	-2.271
6:	-0.690	-1.802
7:	-0.830	-0.579
8:	-0.569	-0.231
9:	-0.949	0.070
10:	-0.688	0.370

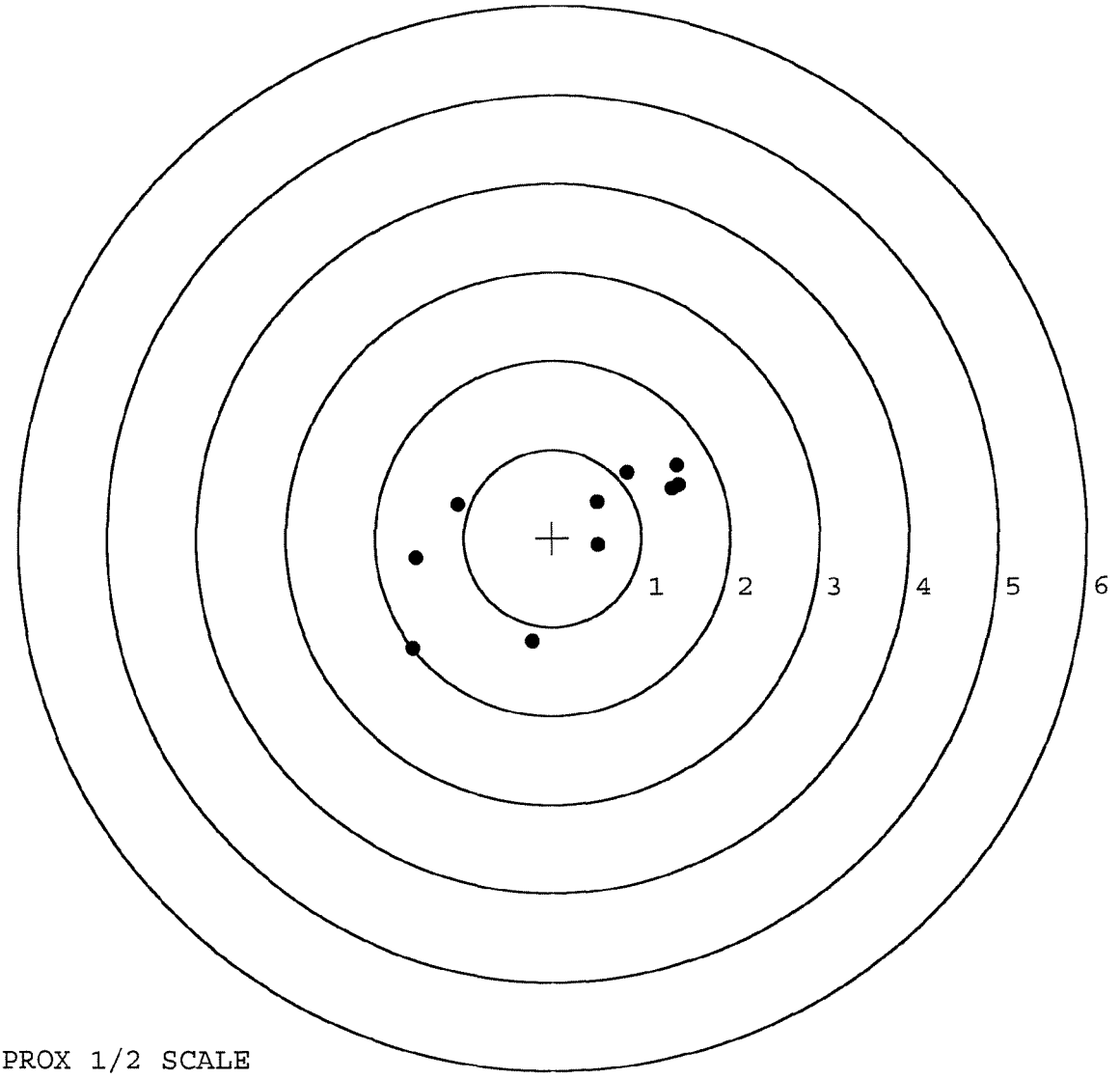


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413559.__0
TARGET NUMBER: 3
FILE DATE: 11/27/2001
FILE TIME: 11:17

X CENTROID:	0.161
Y CENTROID:	0.078
POA TO CENTROID:	0.179
HORZ SPREAD:	2.981
VERT SPREAD:	2.062
GROUP SPREAD:	3.609
MIN RADIUS:	0.393
MAX RADIUS:	2.175
MEAN RADIUS:	1.237
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.341	0.555
2:	1.395	0.819
3:	0.843	0.744
4:	0.501	0.410
5:	0.519	-0.085
6:	-0.226	-1.173
7:	-1.567	-1.243
8:	-1.538	-0.227
9:	-1.072	0.377
10:	1.414	0.599

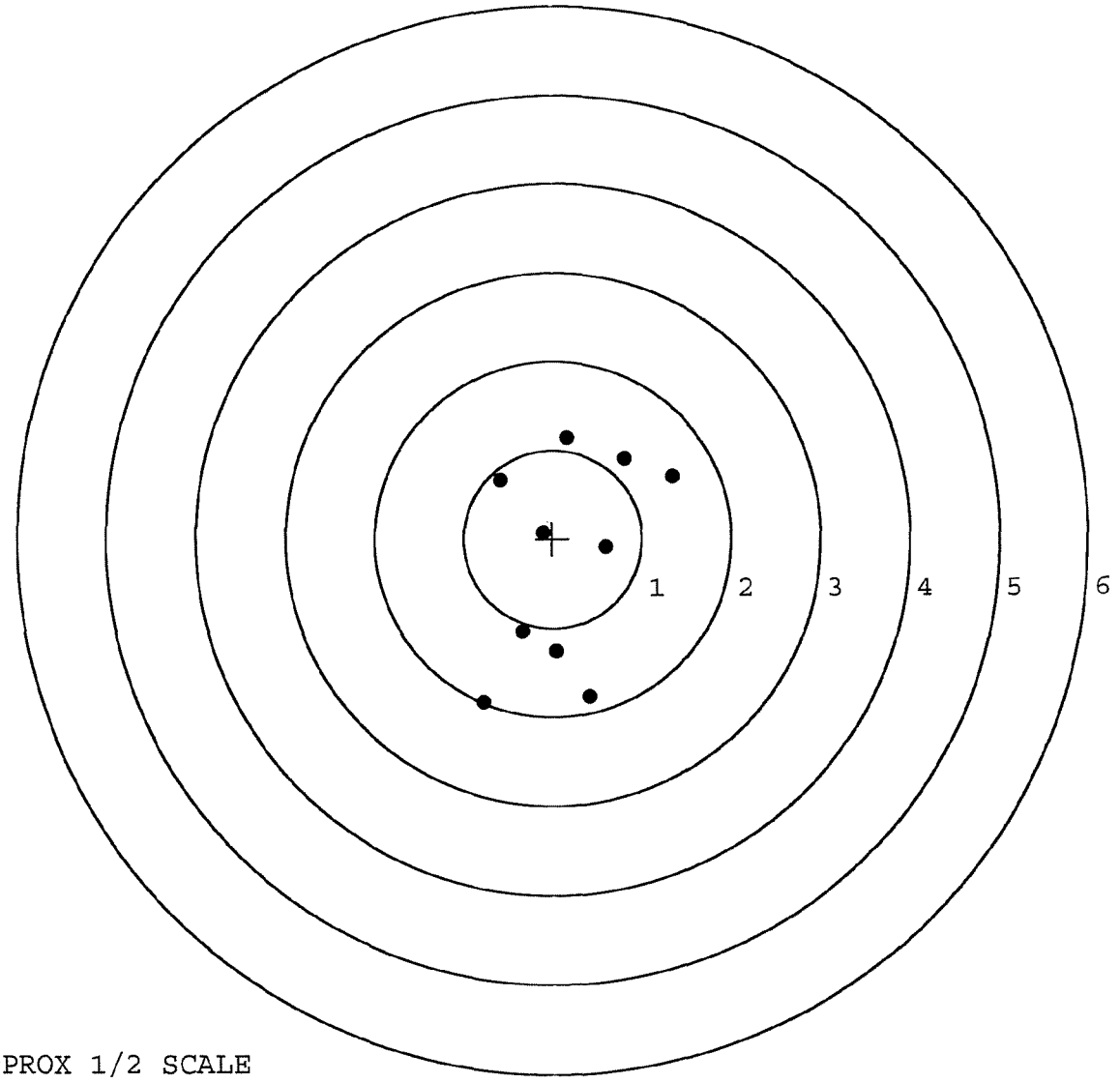


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413559.__0
TARGET NUMBER: 4
FILE DATE: 11/27/2001
FILE TIME: 11:17

X CENTROID:	0.155
Y CENTROID:	-0.256
POA TO CENTROID:	0.300
HORZ SPREAD:	2.130
VERT SPREAD:	2.972
GROUP SPREAD:	3.306
MIN RADIUS:	0.408
MAX RADIUS:	1.836
MEAN RADIUS:	1.164
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.345	0.694
2:	0.813	0.901
3:	0.162	1.138
4:	-0.592	0.662
5:	-0.102	0.060
6:	0.599	-0.096
7:	0.413	-1.775
8:	0.042	-1.273
9:	-0.345	-1.041
10:	-0.785	-1.834

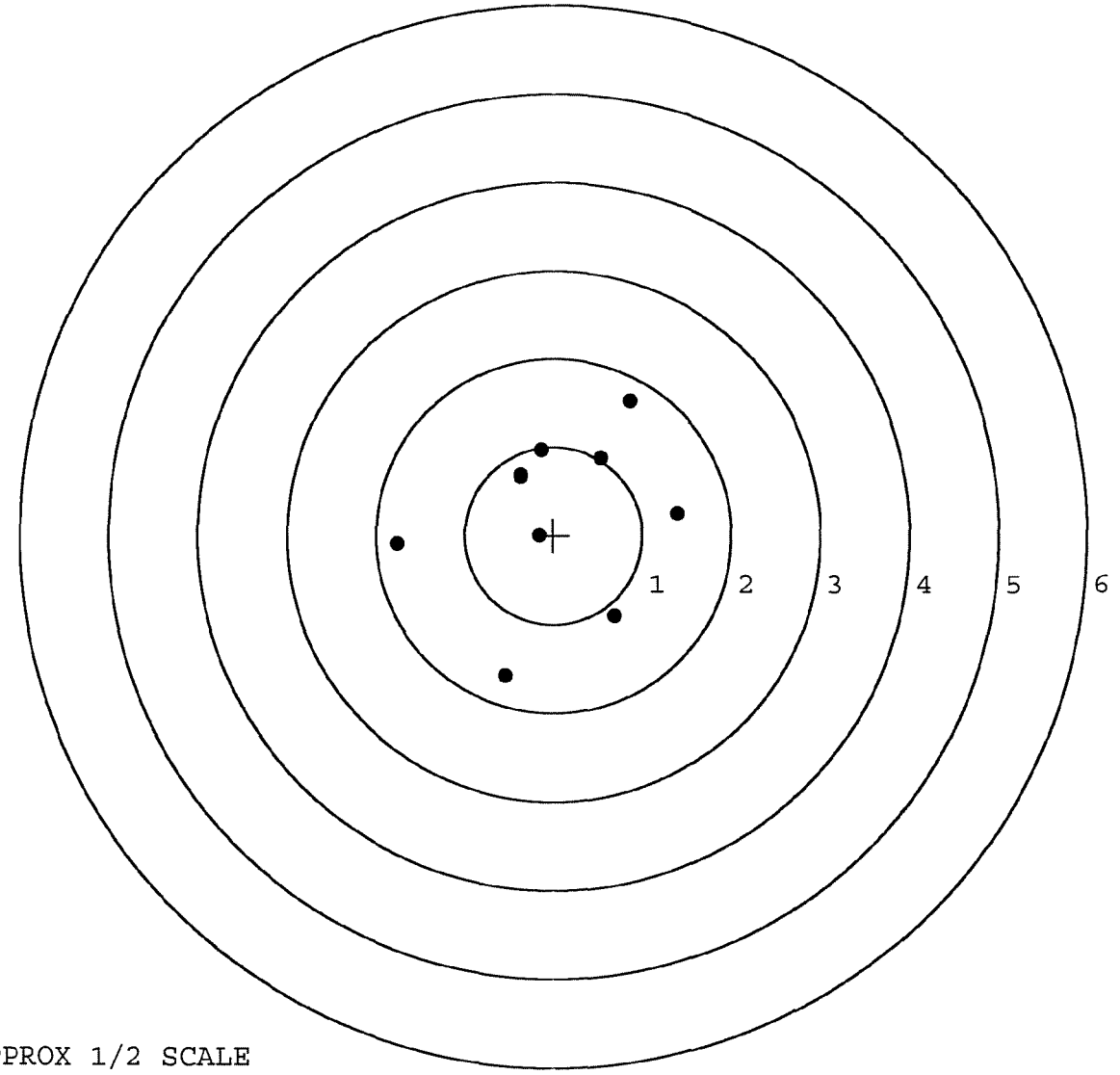


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413559.__0
TARGET NUMBER: 5
FILE DATE: 11/27/2001
FILE TIME: 11:17

X CENTROID:	0.014
Y CENTROID:	0.235
POA TO CENTROID:	0.235
HORZ SPREAD:	3.153
VERT SPREAD:	3.100
GROUP SPREAD:	3.404
MIN RADIUS:	0.292
MAX RADIUS:	1.901
MEAN RADIUS:	1.097
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.861	1.518
2:	0.537	0.879
3:	-0.136	0.960
4:	-0.368	0.680
5:	-0.156	-0.003
6:	1.387	0.242
7:	0.690	-0.912
8:	-0.546	-1.582
9:	-1.766	-0.095
10:	-0.367	0.661



TARGET APPROX 1/2 SCALE

SWS/Repair

[redacted]

Final Inspection

In: E6413559	Date Rec'd: 11-1-01	Date Ret'd: 11-28-01

Editor: RH

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
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

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

R & E NUMBER	34935		
SERIAL NUMBER	C6611669	E0413559	
LOG-IN DATE			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11/6/01	RH
560 A	RE-BARREL	11/8	BWT
B	DRILL AND TAP	11/8	BWT
575	ASSEMBLE	11-9-01	RH
600	PROOF	11-9-01	RH
605	CHECK HEADSPACE	11-9-01	RH
610	DIS-ASSEMBLE GUN	11-9-01	RH
612	MAGNAFLUX OPERATOR DRD		
615	ROLLMARK CALIBER	11/12	RH
618	ROTO-BLAST	11/14	RO
620	APPLY COATINGS	11-15	TH
625 A	FINAL ASSEMBLY	11-26-01	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	AC
655	FINAL INSPECT	11-28-01	RH
660	PACK	11-28-01	RH
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FLUX
INSPECTED
NOV 12 2001

RECEIVING AND ESTIMATING REPORT

COMMENTS: M/24 W/SCOPE, W/HARD CASE

ORDER: R 99-20512

INITIAL	CUSTOMER ORDER NO.
SWS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
10/18/99	10/20/99		C6611669		700 7.62 NATO

ACCESSORIES: W/STUDS W/SWIVELS SCOPE BASE

Scope S/N 87-1146

FROM:

U S ARMY
CO O 2/29 INF REGT
BLDG 73
FT BENNING GA 31905

SHIP TO:

U S ARMY
CO O 2/29 INF REGT
BLDG 73
FT BENNING GA 31905

CUST NO: 187354 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					UPS

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	F3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS		COMMENTS
BBL	96003	
Stock	96018	
Bolt Asy	96025	
Scope Ring Assy (2)	96082	
EXTractor	91816	

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW		1-26-00	1-31-00	1-31-00	

OFFICE COPY

RD6925 REV. 7/97

Remington Test Lab, Ilion, N.Y.

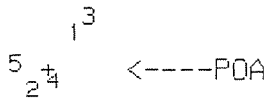
Centroidal distance calculations for Rifle # c6611669
4 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0318
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0848
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0905664

THE AMR FOR THIS RIFLE IS: 1.152

CENTROIDAL DISTANCES

0	TO	1	.301438
1	TO	2	.470619
1	TO	3	.146755
1	TO	4	.348488
1	TO	5	.45529



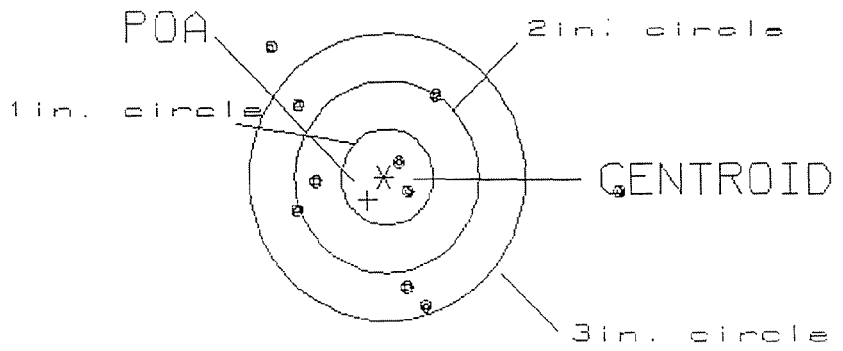
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.302
MIN RADIUS	:	.189
MEAN RADIUS	:	1.145
MAX RADIUS	:	2.502
CENTROID X	:	.177
CENTROID Y	:	.244

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT c6611669

CENTERFIRE PATTERN # 1



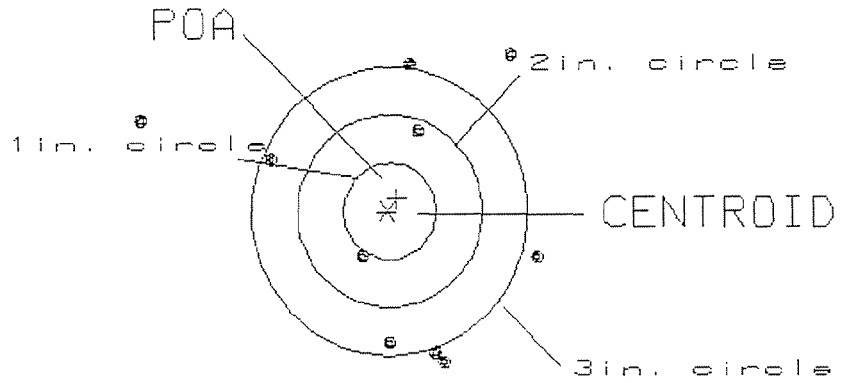
# OF SHOTS= 10	# IN CIRCLE
HS= 3.74	2
VS= 2.65	3
GS= 4.02	8

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		2
POA TO CENTROID:		.169
MIN RADIUS	:	.575
MEAN RADIUS	:	1.561
MAX RADIUS	:	2.893
CENTROID X	:	-.102
CENTROID Y	:	-.135

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT c6611669

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 4.35	0
VS= 3.22	2
GS= 4.58	4

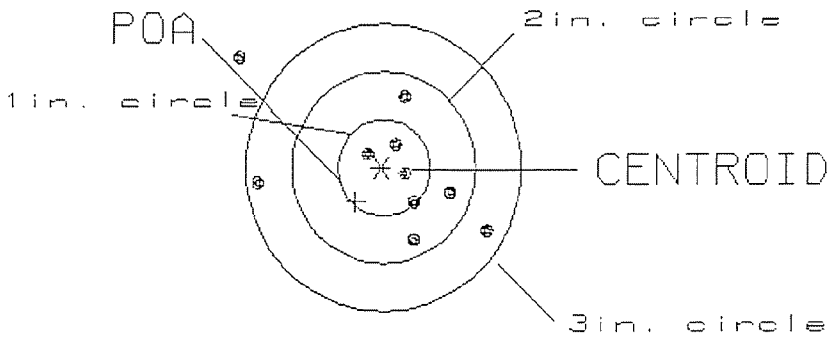
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.448
MIN RADIUS	:	.200
MEAN RADIUS	:	.833
MAX RADIUS	:	1.977
CENTROID X	:	.273
CENTROID Y	:	.355

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT c6611669

CENTERFIRE PATTERN # 3



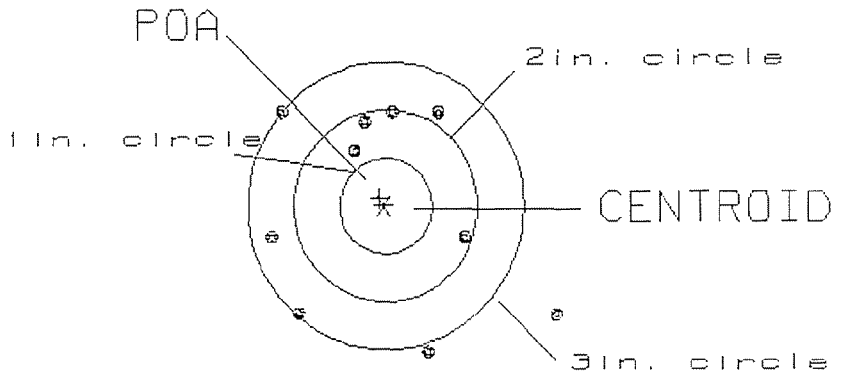
# OF SHOTS= 10	# IN CIRCLE
HS= 2.72	3
VS= 1.89	7
GS= 3.25	9

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		4
POA TO CENTROID:		.085
MIN RADIUS	:	.637
MEAN RADIUS	:	1.268
MAX RADIUS	:	2.199
CENTROID X	:	.039
CENTROID Y	:	-.076

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT c6611669

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.13	0
VS= 2.54	4
GS= 3.72	7

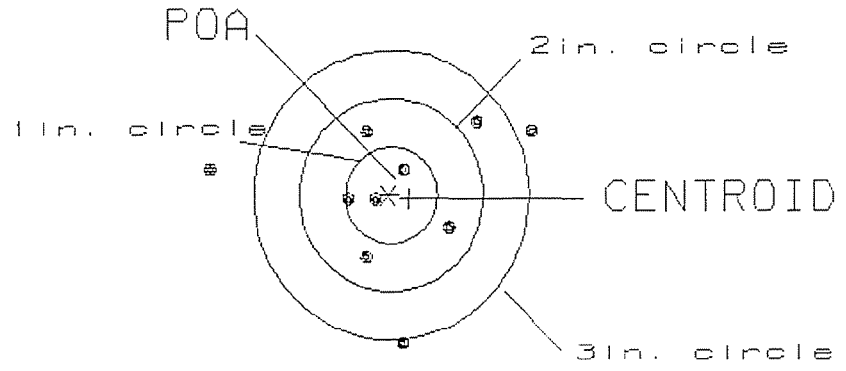
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.230
MIN RADIUS	:	.212
MEAN RADIUS	:	.955
MAX RADIUS	:	2.028
CENTROID X	:	-.228
CENTROID Y	:	.036

4 Feb 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT c6611669

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 3.56	2
VS= 2.28	6
GS= 3.58	7

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. SERIAL NO. C6611669

	LOG IN DATE: / /	DATE	INIT.
	INSPECT & VERIFY:		
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-12-99	RW
605	CHECK HEADSPACE	12-12-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-31-00	RW
655	FINAL INSPECT	2-8-00	RW
660	PACK		
	QAR INSPECTION	SHIP DATE	

Final Inspection

Sn: C6611669	DATE REC'D: 10-18-99	DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:

Stock Assy.

- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.

- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case

- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger

- ✓ Safety Operation
- ✓ Set
- ___

Misc.

- ___ DD-250
- ___ Bar Code
- ___ Packaging

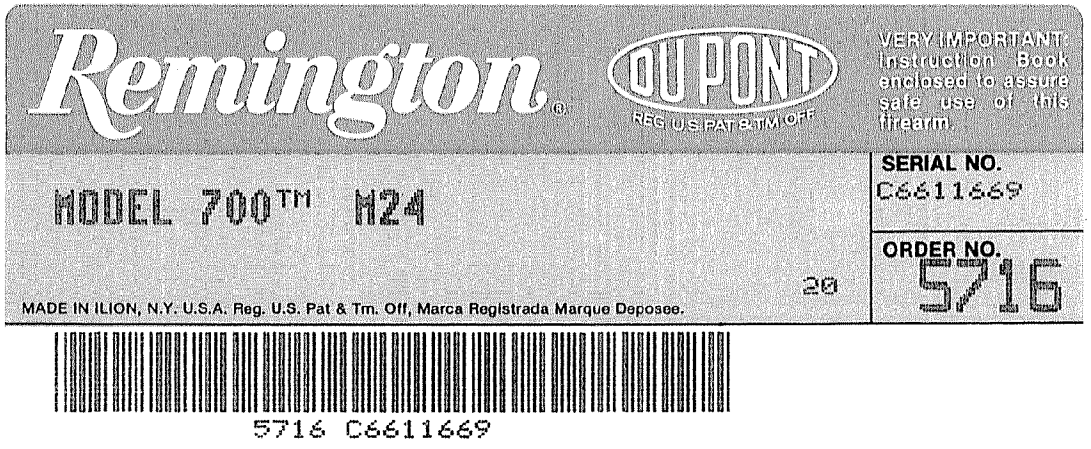
Comments: _____

MOD. _____ GA. CAL. _____ GUN # 1669

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
NF	4/3	Ejector Binds Back Brass Buildup!	KS
	2nd	POLISHED EJECTOR	4/4/
		OK ON BENCH TEST	KS
	3rd	100 Rd test OK 4-9-91	OK AC
	4th		

FUNCTION RD 6654 Rev 1

TEST	INIT.	ACTION TO CORRECT	ASSEM. #
PROOF			
TEST			
TGT			
PROOF			
TEST			
TGT			
PROOF		ENGINEER	
TEST			
TGT			
PROOF		ENGINEER	
TEST			
TGT			



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611669

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18	91	KR
615	Rollmark Caliber	1 1	91	GS
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		1/15/91	KS
	Apply Coating (Bolt)	2	1/15/91	KS
625	Final Assembly A) Clean inside of Bolt Assembly		3/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KA
	C) Inspect Ejector Hole for Chamfer		3/8/91	KA
	D) Oil Firing Pin Ass'y		3/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/25/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3-28-91	[illegible]
	G) Safety Off Force	2	2	2			3-28-91	[illegible]
	H) Trigger Pull Test & Retainability						3/25/91	WS
	I) Firing Pin Indent	.020	.020	.020			3-28-91	AC
	J) Assemble Stock						4-2-91	KS
	K) Assemble Swivel Studs						4-8-91	DH
	L) Attach Front and Rear Sight Assemblies						4-2-91	KS
	M) Iron Sight Alignment						4-2-91	KS
	N) Detach Front & Rear Sights & place in numbered container						4-2-91	KS
	O) Attach Scope to Rifle						4-2-91	KS
	P) Detach & Attach Scope 20 Times						4-2-91	KS
640	Gallery Target & Test						4-3-91	[illegible]
	A) Time						"	[illegible]
	B) Malfunctions						"	[illegible]
	C) Pierced Primers						"	[illegible]
	D) Optical Clearity of Scope						"	[illegible]
645	Inspect for Live Ammo						4-3-91	[illegible]
655	Final Inspection A) Headspace						4-8-91	DH
	B) Trigger Pull	2.30	2.18	2.19	2.18	2.16	4/5/91	[illegible]
	C) Function						4-8-91	DH
660	Pack						4-14-91	[illegible]

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611669

DATE 3/25/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.32	2.33	2.30	MIN. SETTING,
PULL #2	2.26	2.34	2.31	2.18	NO AVG. OF 5
PULL #3	2.30	2.21	2.27	2.19	READINGS ACCEPT-
PULL #4	2.27	2.32	2.25	2.18	ABLE LESS THAN 2#
PULL #5	2.24	2.23	2.32	2.16	
TOTAL	11.32	11.42	11.48		
AVG.	2.26	2.38	2.30		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.32		
PULL #2	3.31	3.28		
PULL #3	3.27	3.30		
PULL #4	3.25	3.32		
PULL #5	3.26	3.22		
TOTAL	16.48	16.44		
AVG.	3.29	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.07		4.07
PULL #2	4.20	4.10		4.12
PULL #3	4.04	4.12		4.09
PULL #4	4.19	4.05		4.12
PULL #5	4.11	4.00		4.09
TOTAL	20.68	20.44		20.49
AVG.	4.13	4.09		4.10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611669
4 Apr 1991

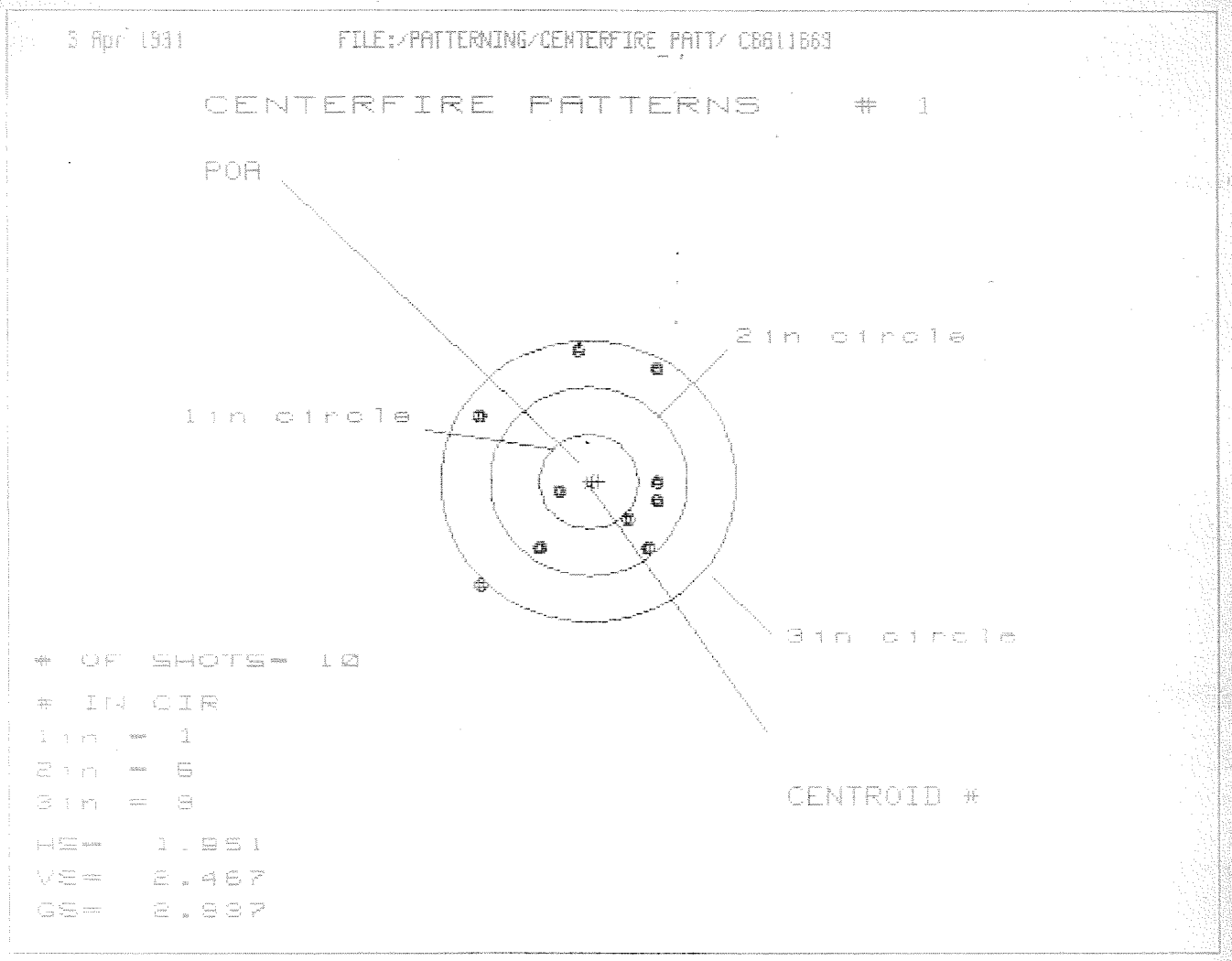
CENTROIDAL DISTANCES

0	TO	1	.0960052
1	TO	2	.293061
1	TO	3	.0880057
1	TO	4	.243081
1	TO	5	.275327

<----POA

THE X-COORDINATE FOR THIS RIFLE IS: .0604
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0706
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0925114

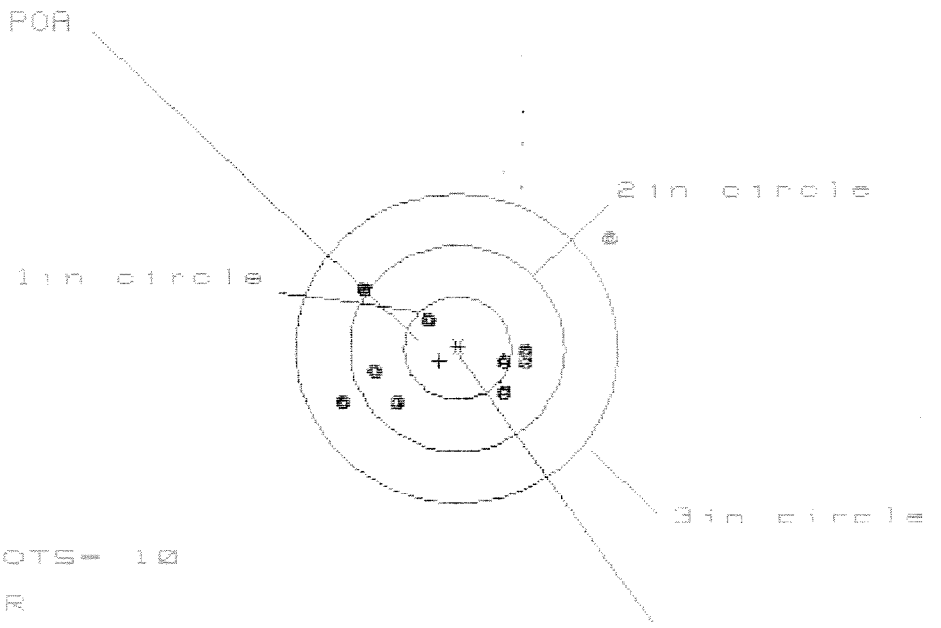
THE MOA FOR THIS RIFLE IS: .9082



PATTERN #	:	1		
SHOTS (REST OF)	:	10	9	8
MAXIMUM X	:	.731	.607	.675
MINIMUM X	:	-1.121	-1.244	-1.176
MAXIMUM Y	:	1.354	1.230	1.367
MINIMUM Y	:	-1.113	-.866	-.729
CENTROID X	:	-.096	.028	-.040
CENTROID Y	:	.001	.125	-.012
POA TO CENTROID in.	:	.096	.128	.042
MIN RADIUS	:	.280	.445	.329
MEAN RADIUS	:	.977	.911	.843
MAX RADIUS	:	1.574	1.366	1.377
HORIZONTAL SPREAD	:	1.851	1.851	1.851
VERTICAL SPREAD	:	2.467	2.096	2.096
EXTREME SPREAD	:	2.937	2.261	2.243
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/ C8811869

CENTERFIRE PATTERNS # 2

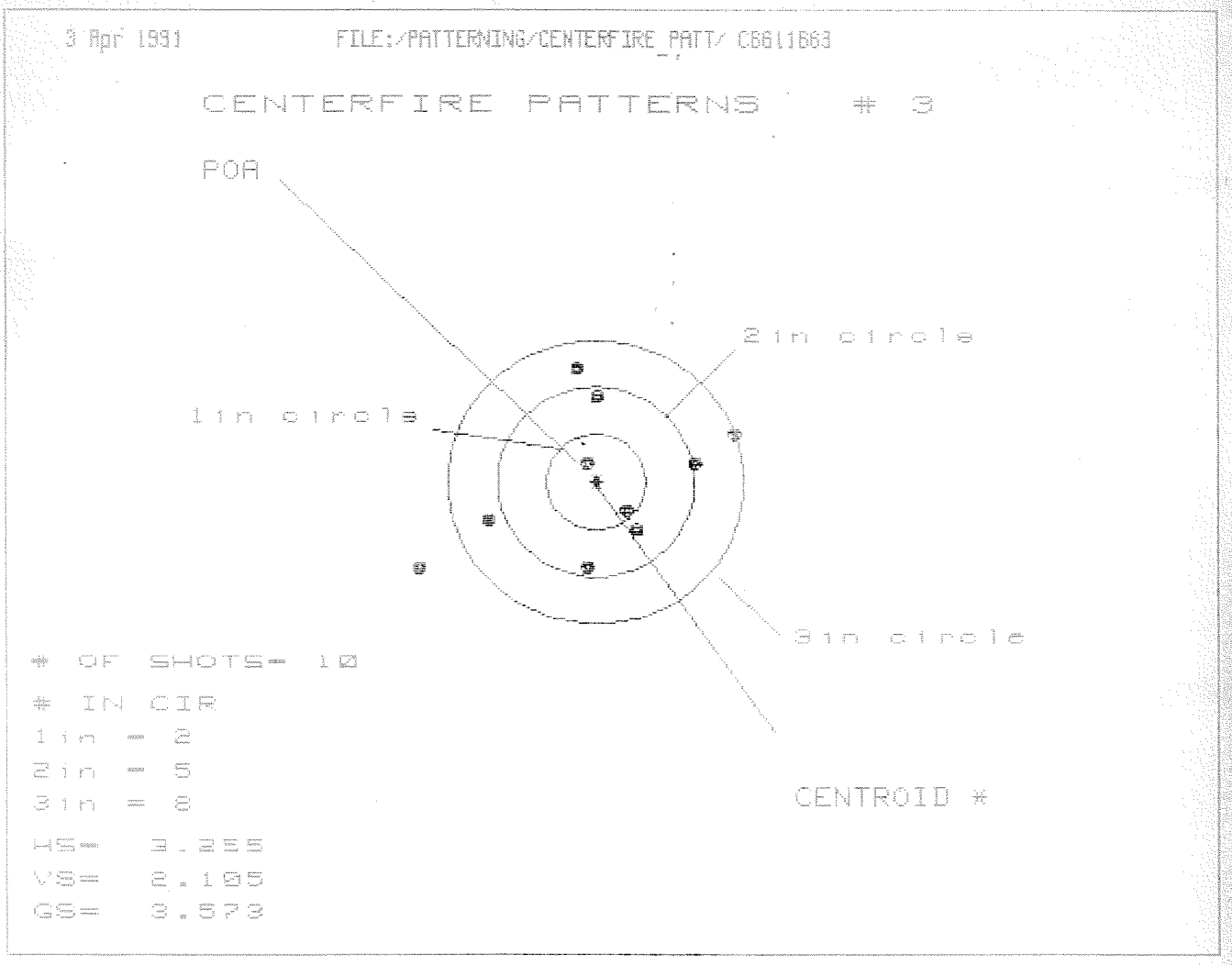


\# OF SHOTS= 10

# IN CIR	
1in =	2
2in =	7
3in =	9

HS= 2.578
VS= 1.597
GS= 3.033

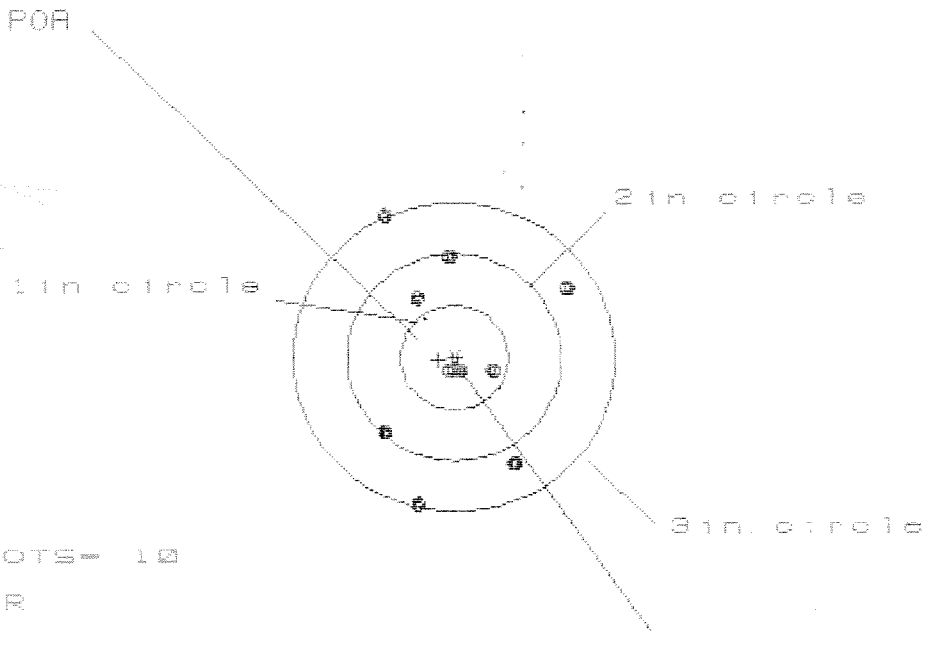
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.473	.816	.698
MINIMUM X	:	-1.105	-.942	-.819
MAXIMUM Y	:	1.053	.660	.606
MINIMUM Y	:	-.544	-.427	-.466
CENTROID X	:	.170	.007	.124
CENTROID Y	:	.124	.007	.061
POA TO CENTROID in.	:	.211	.010	.138
MIN RADIUS	:	.404	.444	.432
MEAN RADIUS	:	.834	.719	.663
MAX RADIUS	:	1.810	1.034	1.019
HORIZONTAL SPREAD	:	2.578	1.758	1.518
VERTICAL SPREAD	:	1.597	1.087	1.072
EXTREME SPREAD	:	3.033	1.836	1.617
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.251	1.006
MINIMUM X	:	-1.803	-1.299	-1.143
MAXIMUM Y	:	1.166	1.062	1.116
MINIMUM Y	:	-.939	-1.043	-.989
CENTROID X	:	-.008	.193	.036
CENTROID Y	:	.000	.104	.050
POA TO CENTROID in.	:	.008	.219	.062
MIN RADIUS	:	.238	.301	.212
MEAN RADIUS	:	1.008	.874	.808
MAX RADIUS	:	2.033	1.399	1.234
HORIZONTAL SPREAD	:	3.255	2.550	2.149
VERTICAL SPREAD	:	2.105	2.105	2.105
EXTREME SPREAD	:	3.573	2.722	2.238
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/ C6611669

CENTERFIRE PATTERNS # 4

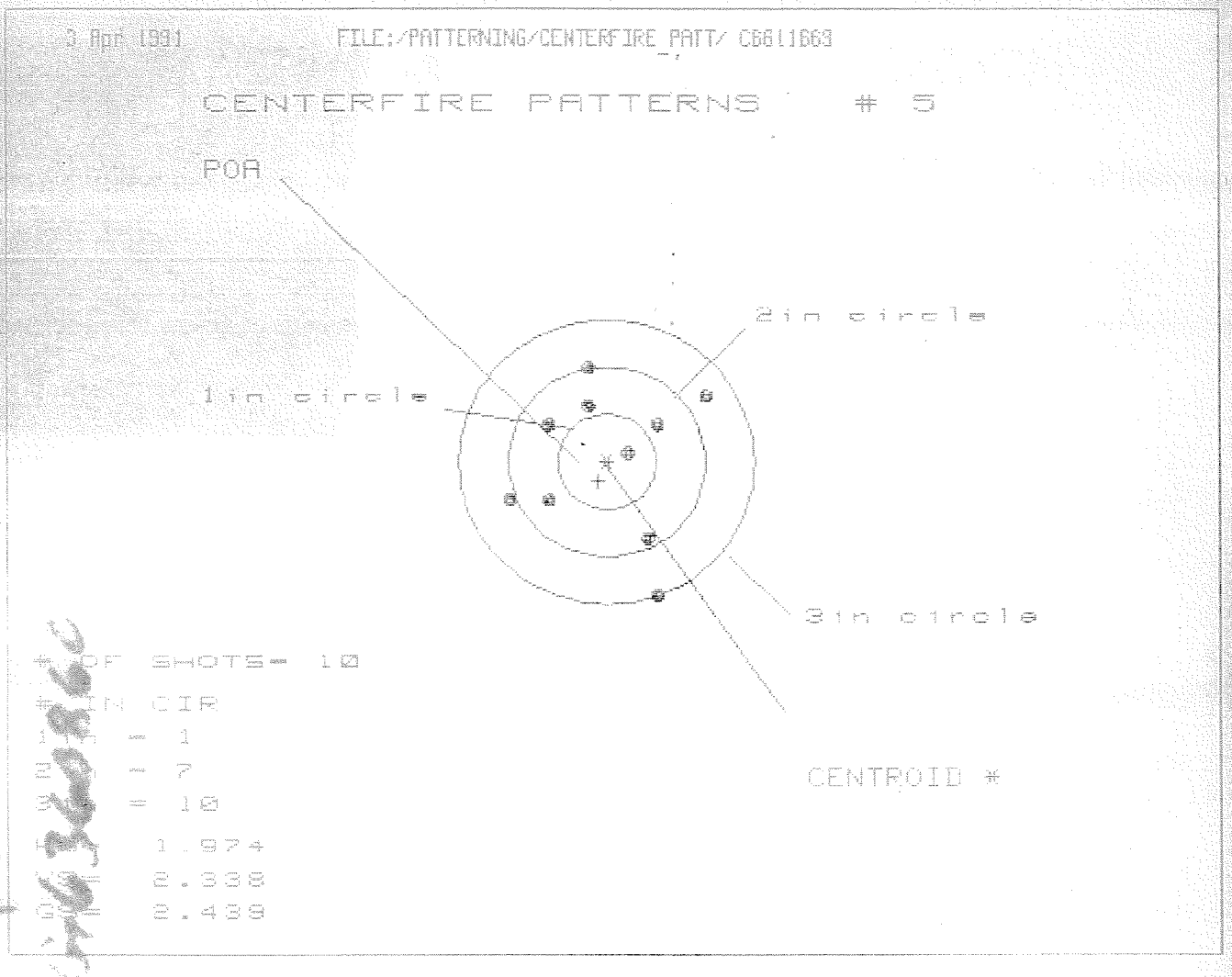


OF SHOTS= 10

# IN CIR	
1in	= 3
2in	= 6
3in	= 9

HS= 1.723
VS= 2.774
GS= 2.802

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.030	.953	.906
MINIMUM X	:	-.693	-.751	-.798
MAXIMUM Y	:	1.383	1.120	.965
MINIMUM Y	:	-1.391	-1.237	-1.028
CENTROID X	:	.146	.223	.270
CENTROID Y	:	.024	-.130	.025
POA TO CENTROID in.	:	.148	.258	.271
MIN RADIUS	:	.159	.022	.155
MEAN RADIUS	:	.865	.757	.704
MAX RADIUS	:	1.547	1.293	1.121
HORIZONTAL SPREAD	:	1.723	1.704	1.704
VERTICAL SPREAD	:	2.774	2.357	1.993
EXTREME SPREAD	:	2.802	2.419	2.151
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.962	1.023	.659
MINIMUM X	:	-1.012	-.951	-.823
MAXIMUM Y	:	.977	.826	.892
MINIMUM Y	:	-1.360	-.964	-.898
CENTROID X	:	.090	.029	-.099
CENTROID Y	:	.204	.356	.290
POA TO CENTROID in.	:	.223	.357	.307
MIN RADIUS	:	.225	.299	.410
MEAN RADIUS	:	.857	.768	.722
MAX RADIUS	:	1.468	1.150	1.081
HORIZONTAL SPREAD	:	1.974	1.974	1.482
VERTICAL SPREAD	:	2.338	1.790	1.790
EXTREME SPREAD	:	2.439	2.270	1.874
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	