G-6570174
Replaces
C.122520.2

03/31/09 13:29:03

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 Inquiry

Repair Number: RE00165513
Verify Repair

Serial: G6590174 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 3/31/2009 12:45:19 PM

Address Information

	Customer: (•) Received From	Return To: ( ) Received From
Name:	ISD ARMSROOM	ISD ARMSROOM
Address 1:	8TH DESERT STORM	8TH DESERT STORM
Address 2:	BLDG 5210 BAY DOOR #30 PO Box:	BLDG 5210 BAY DOOR #30 PO Box:
City:	FORT CAMPBELL	FORT CAMPBELL
State:	KY Zip Code: 42223 Country: US	KY Zip Code: 42223 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
A007	With Stud	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

naglet | 3/31/2009 | 1:29 PM | CAPS | NUM | INS | SCRL

start | 7 Microso... | Arms Servi... | Part Searc... | 4 Interne... | SAP Logon ... | 5 Microso... | MyLabelsPr... | 1:29 PM

Flash Sup

Sling

Serial Number: G6590174
Model: M24 SWS
RE00165513

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

R & E NUMBER 165 513
SERIAL NUMBER G6590174
LOG-IN DATE 3-31-09

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			4-23-09	RTC
505	RE-BARREL			4-15-09	RTC
420	ASSEMBLE			4-15-09	RTC
440	PROOF	MAGNA - FLUX		4-15-09	W W
460	CHECK HEADSPACE	APX		4-15-09	W W
470	DIS-ASSEMBLE GUN			4-15-09	RTC
480	MAGNAFLUX	OPERATOR (W)		4/18/09	(W)
510	DRILL AND TAP			4-15-09	SP
500	ROLLMARK CALIBER			4/20/09	RT
520	GOFF BLAST BBL / REC			4/21/09	Lim.
530 & 540	APPLY COATINGS			4/21	
560	FINAL ASSEMBLY			4-23-09	RTC
640	FUNCTION TEST AND	(PASS)	FAIL	4-23-09	RP
650	TARGET	(PASS)	FAIL	4-23-09	RP
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		4-23-09	LAD
670	FINAL INSPECTION A) HEADSPACE	(PASS)	FAIL	4-29-09	W W
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.84	2.90 2.84 2.84 2.78 4-29-09		W W
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5	5 5 4-29-09		W W
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5	2.5 2.5 4-29-09		W W
	I) FIRING PIN INDENT .020	.022	.022 .023 4-29-09		W W
690	PACK			5/14/09	Emg

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590174.__1
FILE DATE AND TIME: 04/24/2009 05:24

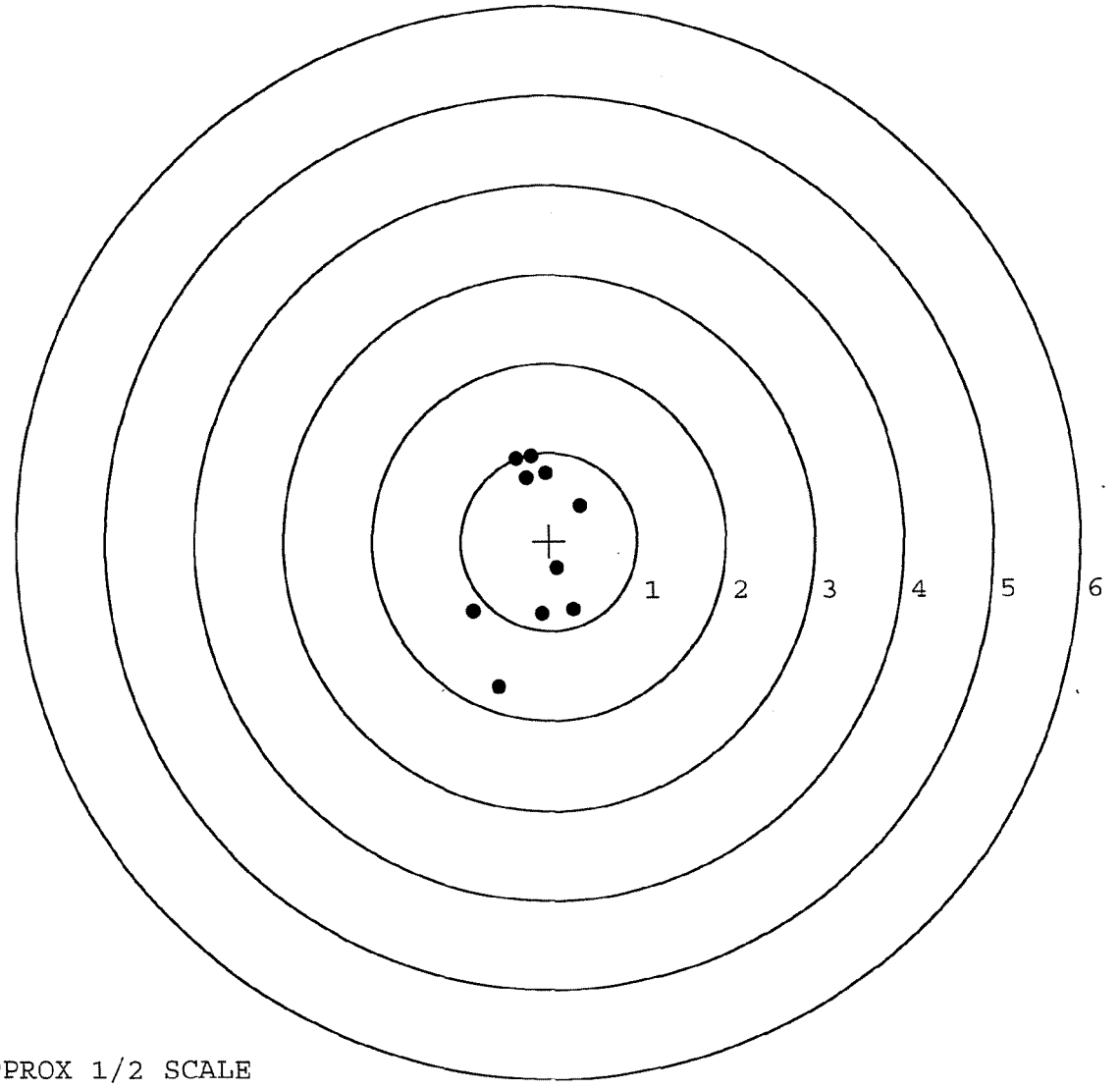
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	0.086
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.964
The Distance from POA to Centroid Target #1:	0.181
The Distance from Centroid Target #2 to Centroid Target #1:	0.405
The Distance from Centroid Target #3 to Centroid Target #1:	0.329
The Distance from Centroid Target #4 to Centroid Target #1:	0.469
The Distance from Centroid Target #5 to Centroid Target #1:	0.462

SERIAL NUMBER: G6590174.__1
TARGET NUMBER: 1
FILE DATE: 04/24/2009
FILE TIME: 05:24

X CENTROID:	-0.173
Y CENTROID:	-0.054
POA TO CENTROID:	0.181
HORZ SPREAD:	1.218
VERT SPREAD:	2.584
GROUP SPREAD:	2.613
MIN RADIUS:	0.359
MAX RADIUS:	1.629
MEAN RADIUS:	0.890
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.591	-1.628
2:	-0.868	-0.783
3:	-0.096	-0.816
4:	0.272	-0.764
5:	0.086	-0.302
6:	0.350	0.400
7:	-0.206	0.956
8:	-0.372	0.929
9:	-0.260	0.707
10:	-0.043	0.764

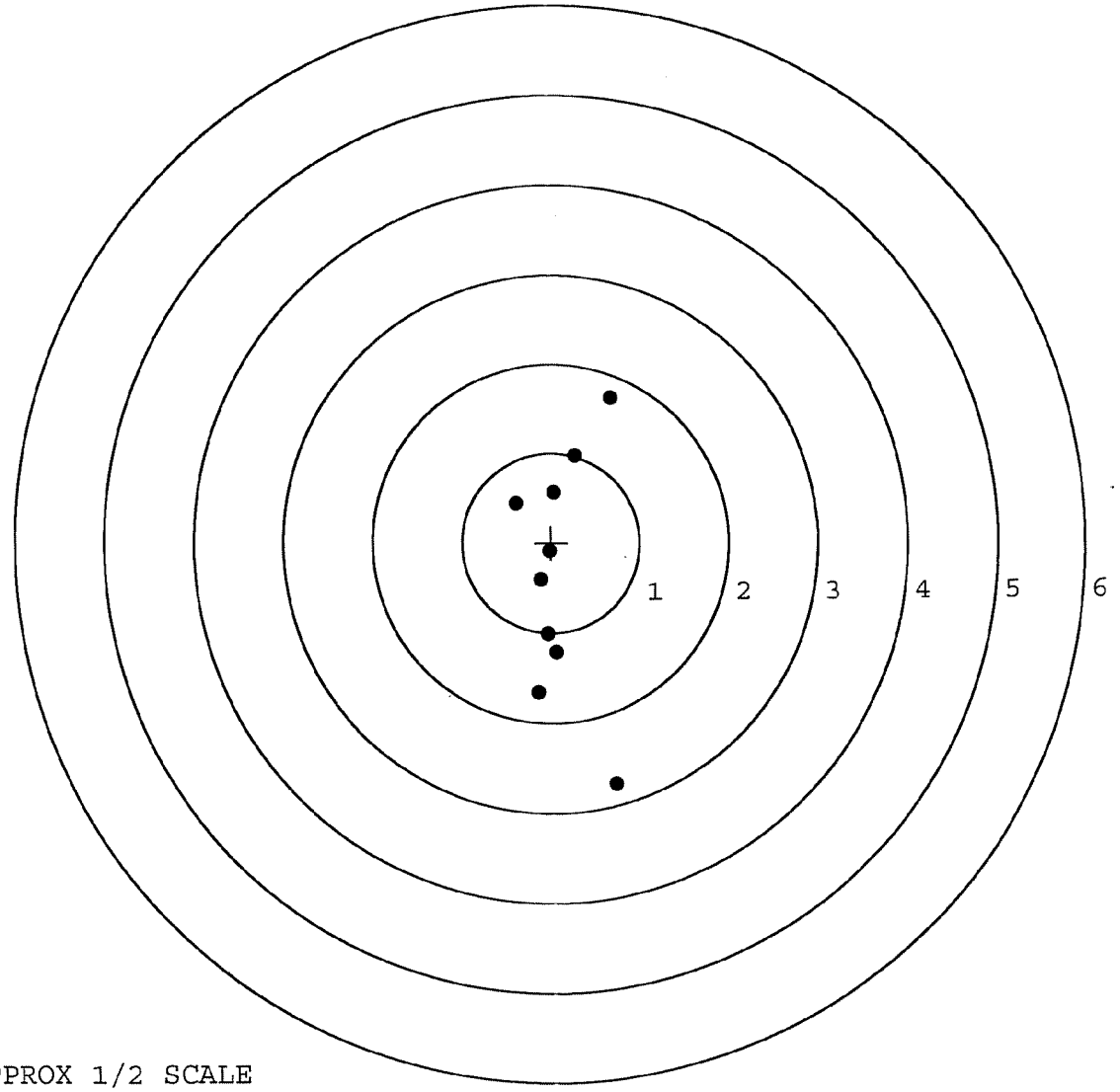


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__1
TARGET NUMBER: 2
FILE DATE: 04/24/2009
FILE TIME: 05:24

X CENTROID:	0.100
Y CENTROID:	-0.353
POA TO CENTROID:	0.367
HORZ SPREAD:	1.104
VERT SPREAD:	4.299
GROUP SPREAD:	4.299
MIN RADIUS:	0.233
MAX RADIUS:	2.406
MEAN RADIUS:	1.106
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.707	-2.682
2:	-0.163	-1.672
3:	0.048	-1.226
4:	-0.053	-1.018
5:	-0.124	-0.420
6:	-0.023	-0.099
7:	0.685	1.617
8:	0.279	0.968
9:	0.037	0.558
10:	-0.397	0.439

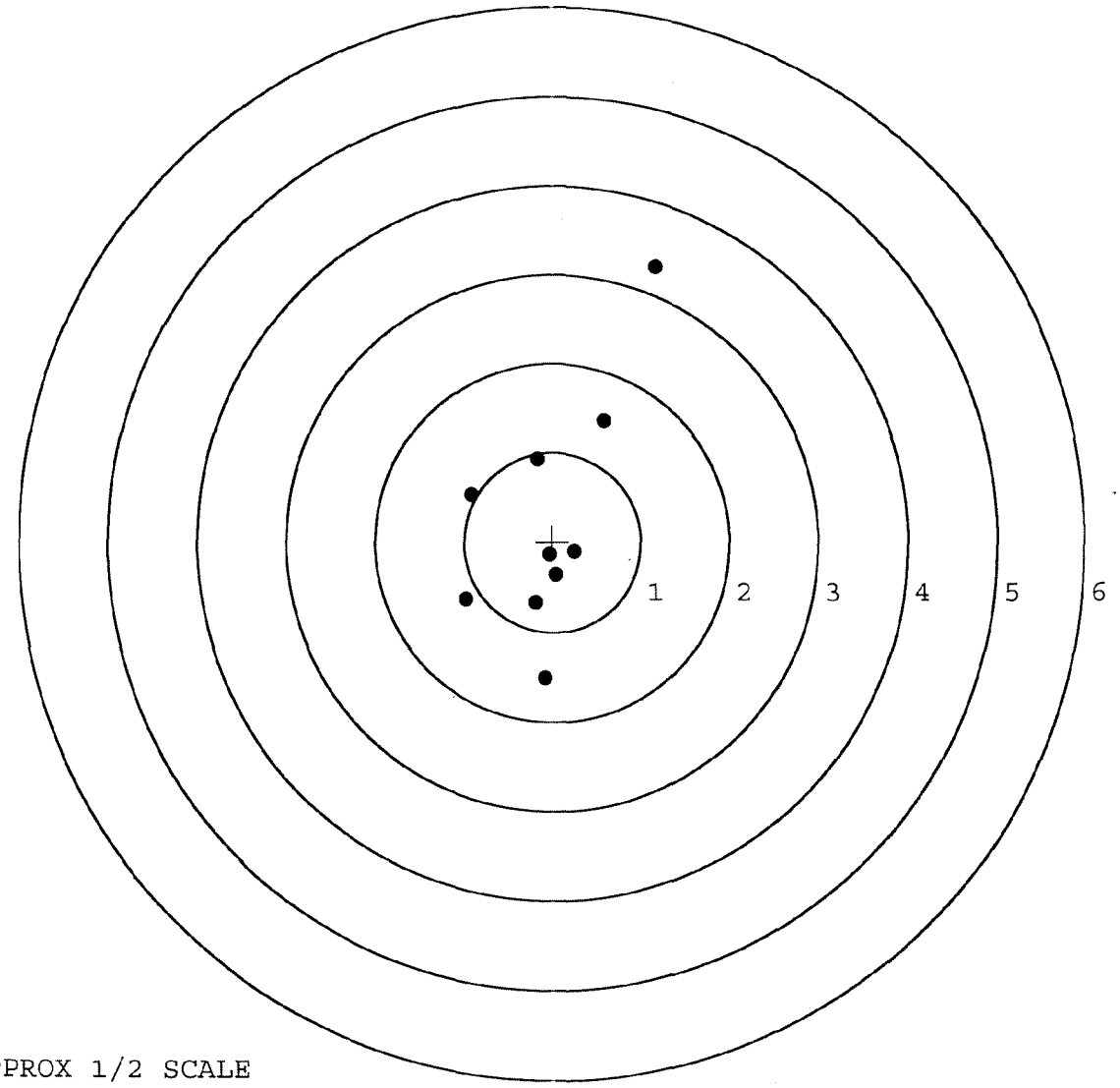


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__1
TARGET NUMBER: 3
FILE DATE: 04/24/2009
FILE TIME: 05:24

X CENTROID:	-0.034
Y CENTROID:	0.244
POA TO CENTROID:	0.247
HORZ SPREAD:	2.157
VERT SPREAD:	4.600
GROUP SPREAD:	4.771
MIN RADIUS:	0.385
MAX RADIUS:	3.088
MEAN RADIUS:	1.143
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.089	-1.515
2:	-0.981	-0.634
3:	-0.194	-0.680
4:	-0.916	0.528
5:	-0.172	0.920
6:	0.586	1.363
7:	1.176	3.085
8:	0.039	-0.372
9:	0.250	-0.110
10:	-0.038	-0.141

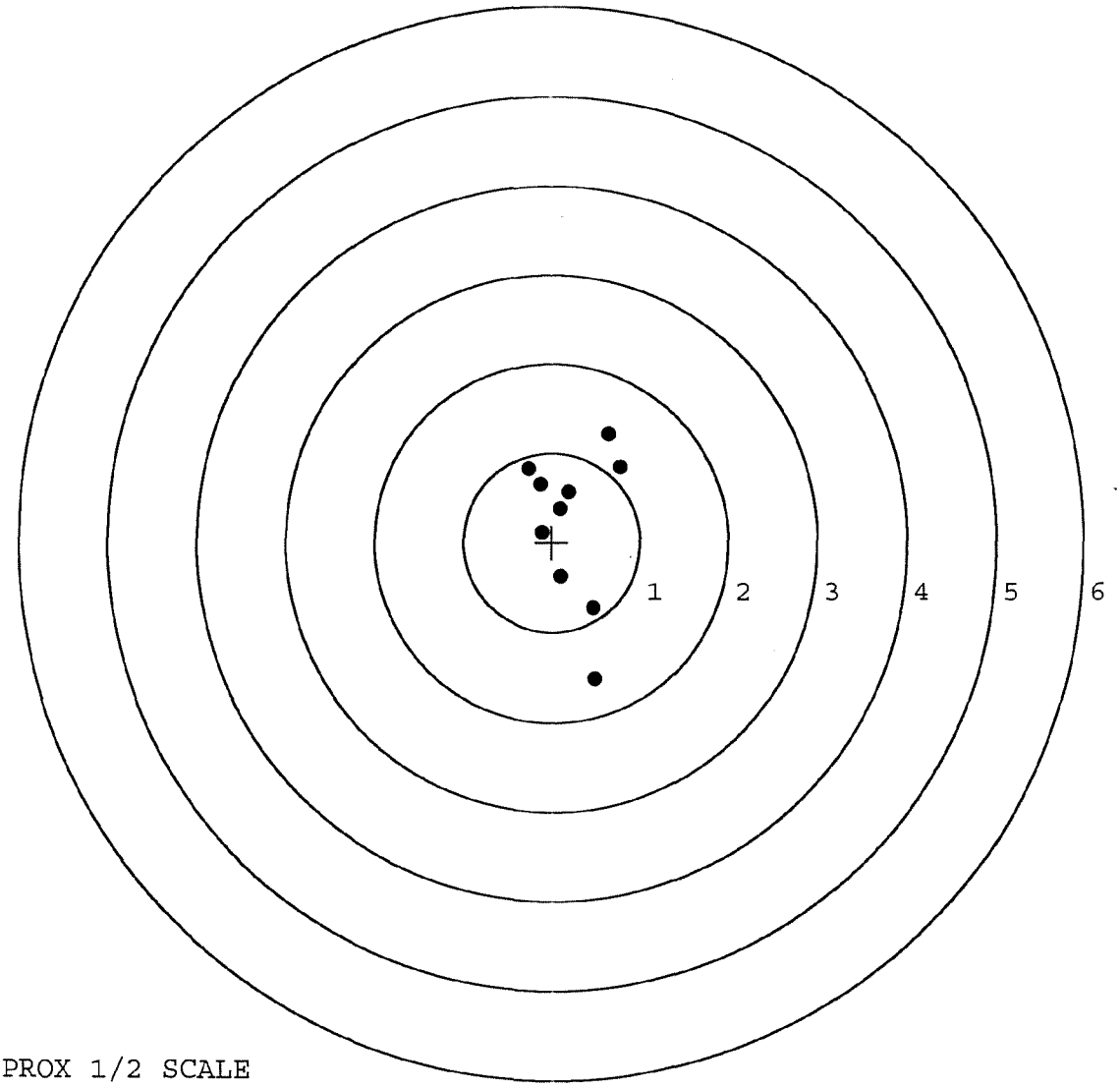


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__1
TARGET NUMBER: 4
FILE DATE: 04/24/2009
FILE TIME: 05:24

X CENTROID:	0.226
Y CENTROID:	0.193
POA TO CENTROID:	0.297
HORZ SPREAD:	1.041
VERT SPREAD:	2.727
GROUP SPREAD:	2.732
MIN RADIUS:	0.225
MAX RADIUS:	1.729
MEAN RADIUS:	0.756
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.482	-1.517
2:	0.469	-0.738
3:	0.104	-0.386
4:	0.653	1.210
5:	0.776	0.841
6:	-0.265	0.824
7:	0.187	0.560
8:	0.094	0.376
9:	-0.113	0.108
10:	-0.131	0.652

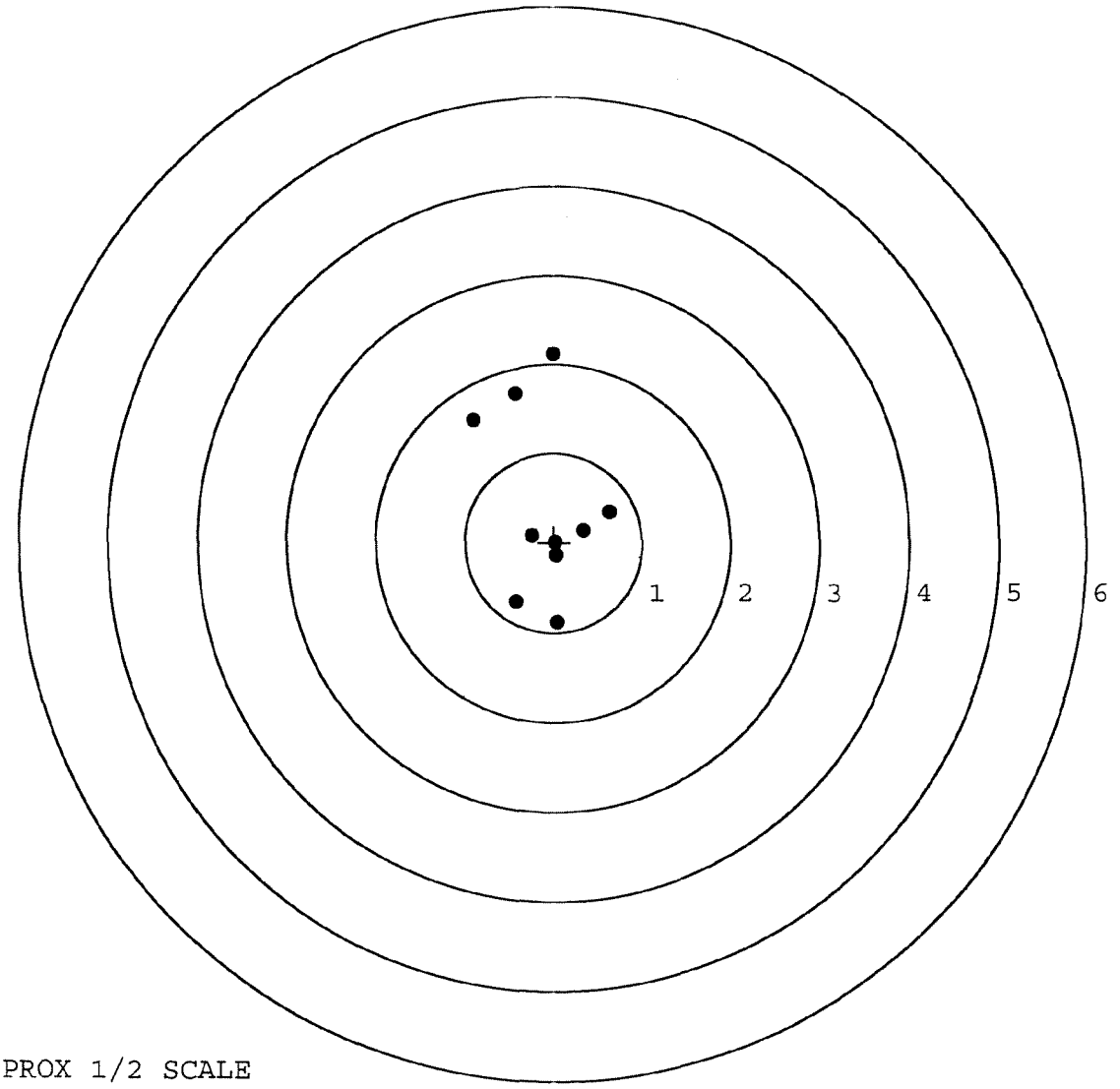


TARGET APPROX 1/2 SCALE

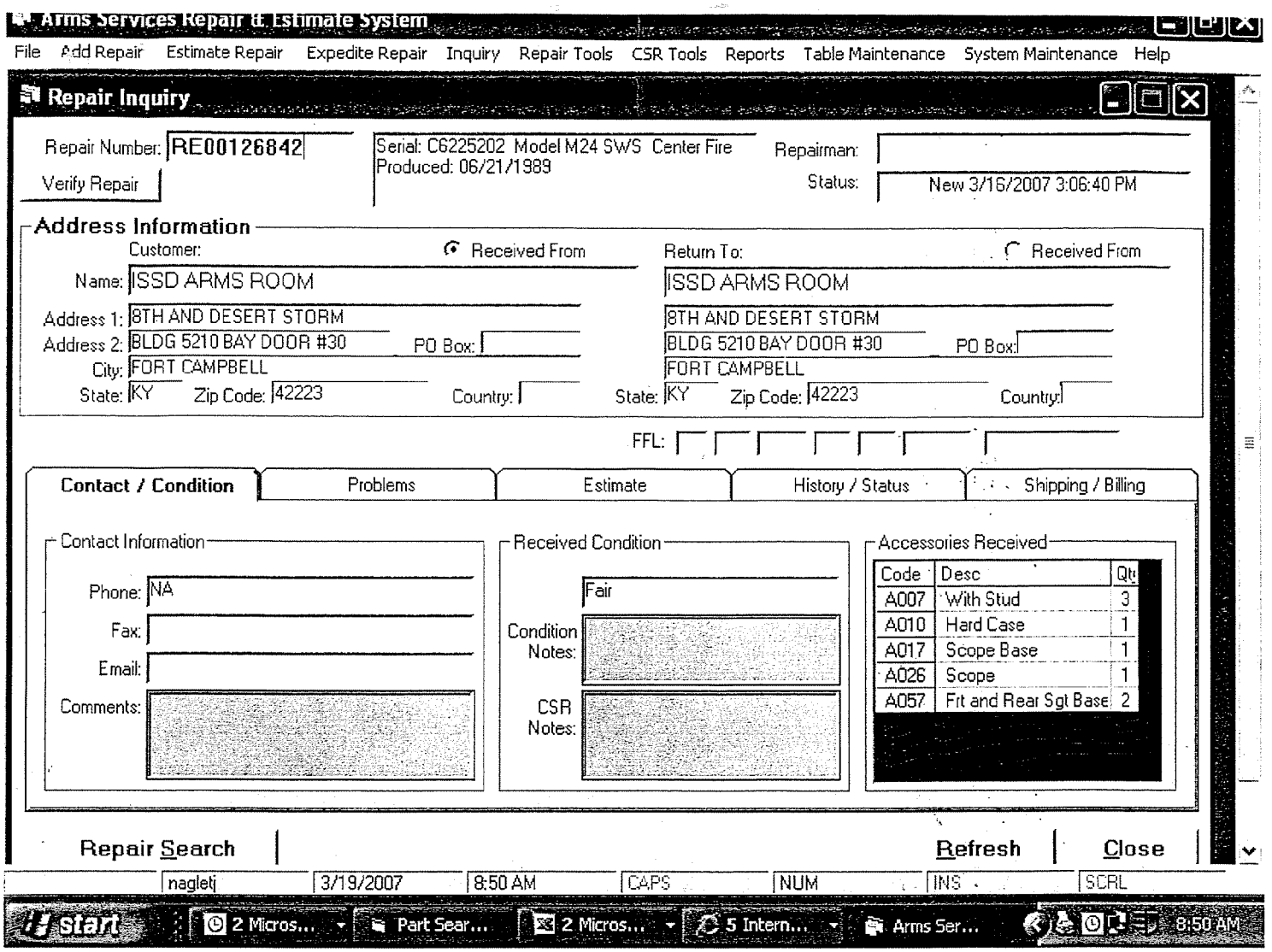
SERIAL NUMBER: G6590174.__1
TARGET NUMBER: 5
FILE DATE: 04/24/2009
FILE TIME: 05:24

X CENTROID:	-0.094
Y CENTROID:	0.402
POA TO CENTROID:	0.413
HORZ SPREAD:	1.535
VERT SPREAD:	2.995
GROUP SPREAD:	2.995
MIN RADIUS:	0.359
MAX RADIUS:	1.709
MEAN RADIUS:	0.927
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.020	0.002
2:	0.000	2.108
3:	-0.436	1.672
4:	-0.900	1.369
5:	0.045	-0.887
6:	-0.428	-0.658
7:	0.635	0.346
8:	0.341	0.137
9:	0.028	-0.146
10:	-0.246	0.077



TARGET APPROX 1/2 SCALE



C6590174 (New)

Serial Number: C6225202

Model: M24 SWS

RE00126842

Mar 4-03

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

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

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
HHC 2-502 INF	RIFLE 7.76MM SNIP M24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6225202/1005-01-240-2136					08 MAR 07	PMCS

7. APPLICABLE REFERENCE			
TM NUMBER	TM DATE	TM NUMBER	TM DATE

COLUMN a – Enter TM item number.

COLUMN b – Enter the applicable condition status symbol.

COLUMN c – Enter deficiencies and shortcomings.

COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
Victor K Ntembo				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	X	EXCEEDED ROUND COUNT		

DA FORM 2404, APR 79 — Replaces edition of 1 Jan 64, which will be used — USAPPC V1.1D

MAINTENANCE REQUEST
For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.

PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
WACQTO	HHC 2/502	

2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	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
	1 CO 526

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN
		1005-01-246021316

8. MODEL	~~RIFLE~~ M24
9. NOUN	RIFLE 7.76MM SNIPPER
10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
C6225202	001	

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	
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: H: R:

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

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)

EXCEEDED ROUND COUNT

25. REMARKS

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
Block 1b. Enter name of submitting organization.
Block 1c. Enter number to be called when maint. is completed.
Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION 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.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
Block 14. For DSU, GSU/AVIM, DEPOT use.
Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
Block 17. Enter the project code if one has been assigned. If not, leave blank.
Block 18. See DA Pamphlets 738-750 and 738-751.
Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
Block 21. For DSU/GSU/AVIM/Depot use.
Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
Block 25. Self-explanatory.

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE
J. Hewbo		

34b. DATE	35b. STATUS	35d. TIME
07067		

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

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590174.__0
FILE DATE AND TIME: 04/12/2007 15:04

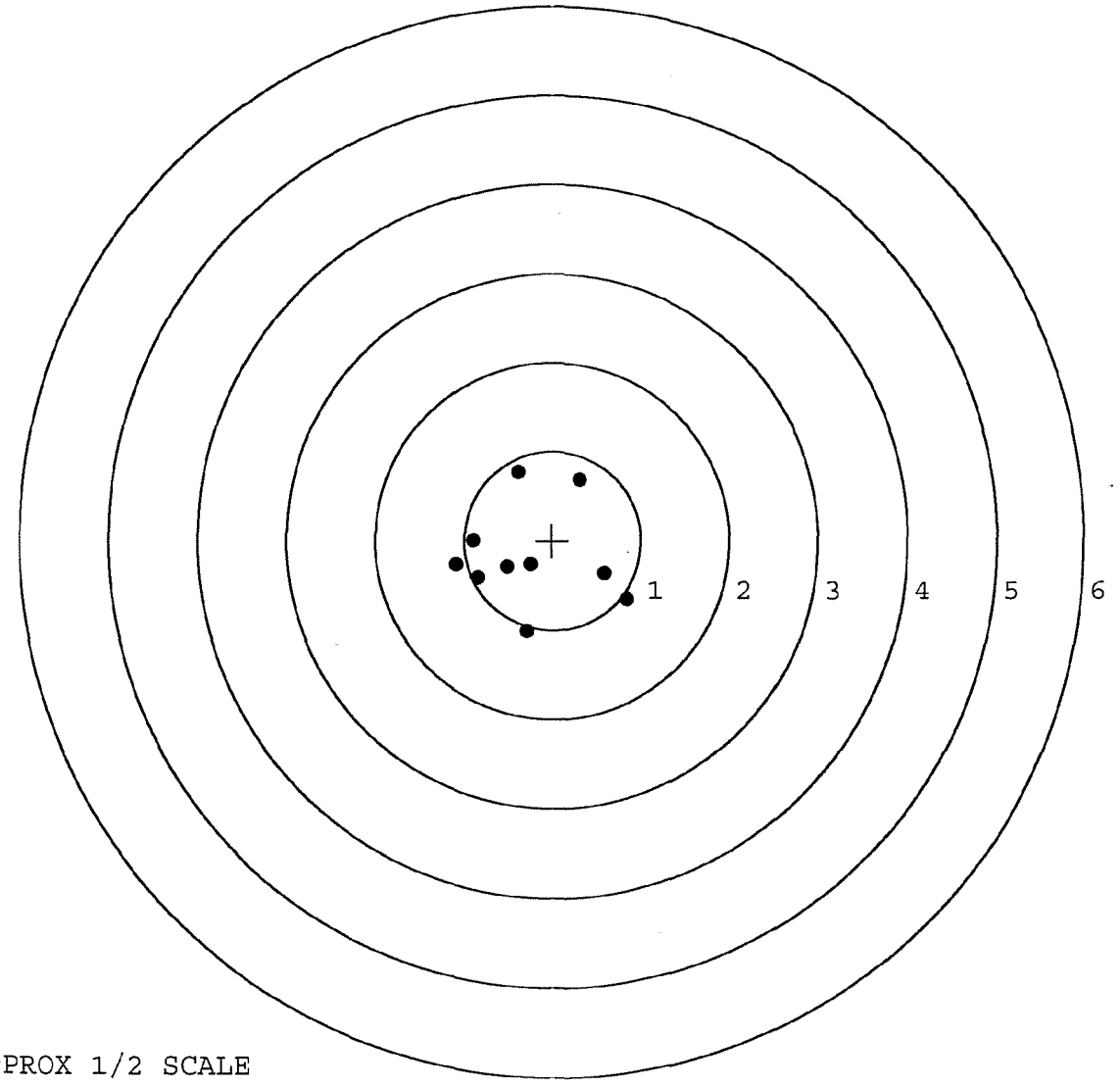
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.082
The Average Y Centroid of the Five Target Set:	-0.135
The Average Point of Impact of the Five Target Set:	0.158
The Average Mean Radius of the Five Target Set:	0.692
The Distance from POA to Centroid Target #1:	0.316
The Distance from Centroid Target #2 to Centroid Target #1:	0.420
The Distance from Centroid Target #3 to Centroid Target #1:	0.257
The Distance from Centroid Target #4 to Centroid Target #1:	0.216
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

SERIAL NUMBER: G6590174.__0
TARGET NUMBER: 1
FILE DATE: 04/12/2007
FILE TIME: 15:04

X CENTROID:	-0.255
Y CENTROID:	-0.186
POA TO CENTROID:	0.316
HORZ SPREAD:	1.928
VERT SPREAD:	1.782
GROUP SPREAD:	1.966
MIN RADIUS:	0.085
MAX RADIUS:	1.194
MEAN RADIUS:	0.739
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.841	-0.660
2:	0.587	-0.361
3:	-0.299	-1.021
4:	-0.250	-0.271
5:	-0.515	-0.294
6:	-0.899	-0.004
7:	-1.087	-0.273
8:	-0.845	-0.417
9:	0.310	0.681
10:	-0.393	0.761

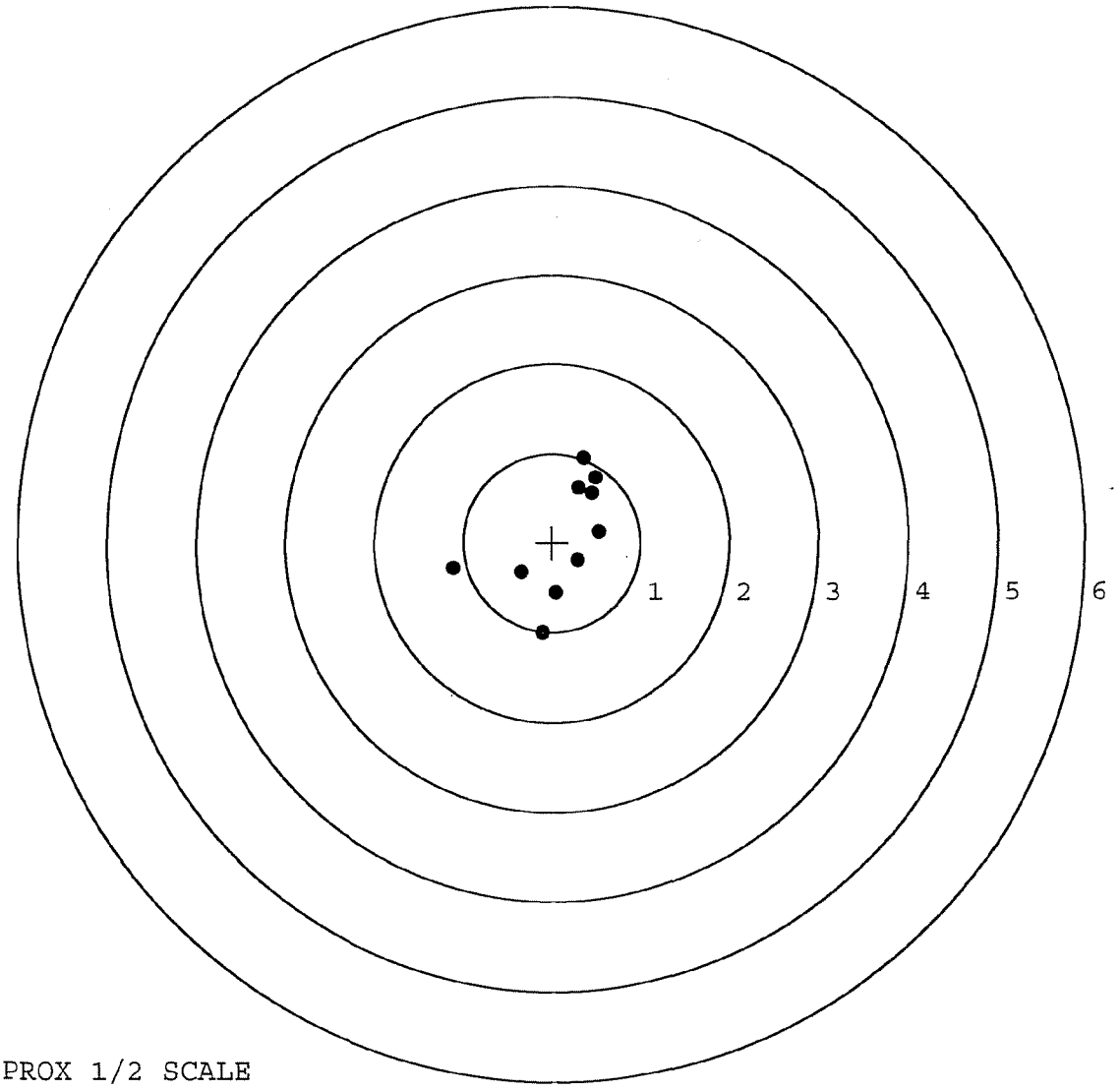


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__0
TARGET NUMBER: 2
FILE DATE: 04/12/2007
FILE TIME: 15:04

X CENTROID:	0.087
Y CENTROID:	0.057
POA TO CENTROID:	0.105
HORZ SPREAD:	1.640
VERT SPREAD:	1.961
GROUP SPREAD:	1.930
MIN RADIUS:	0.329
MAX RADIUS:	1.253
MEAN RADIUS:	0.726
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.118	-1.011
2:	0.042	-0.567
3:	0.288	-0.203
4:	0.523	0.125
5:	0.294	0.618
6:	0.491	0.729
7:	0.365	0.950
8:	-0.347	-0.339
9:	-1.117	-0.287
10:	0.452	0.560

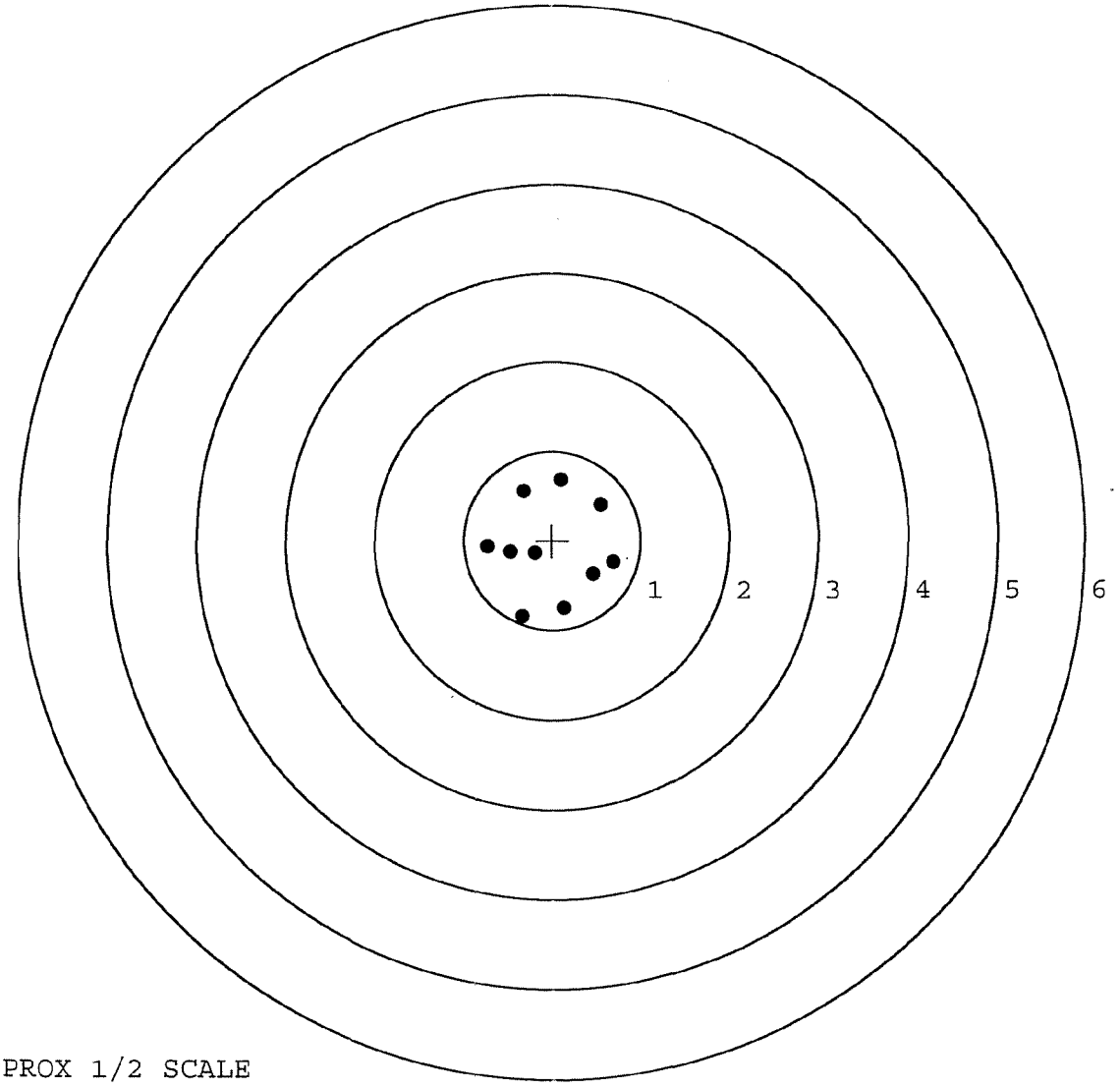


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__0
TARGET NUMBER: 3
FILE DATE: 04/12/2007
FILE TIME: 15:04

X CENTROID:	-0.015
Y CENTROID:	-0.094
POA TO CENTROID:	0.095
HORZ SPREAD:	1.414
VERT SPREAD:	1.539
GROUP SPREAD:	1.601
MIN RADIUS:	0.186
MAX RADIUS:	0.830
MEAN RADIUS:	0.640
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.687	-0.244
2:	0.462	-0.374
3:	0.131	-0.760
4:	-0.342	-0.857
5:	0.545	0.401
6:	0.099	0.682
7:	-0.333	0.555
8:	-0.194	-0.145
9:	-0.480	-0.127
10:	-0.727	-0.068

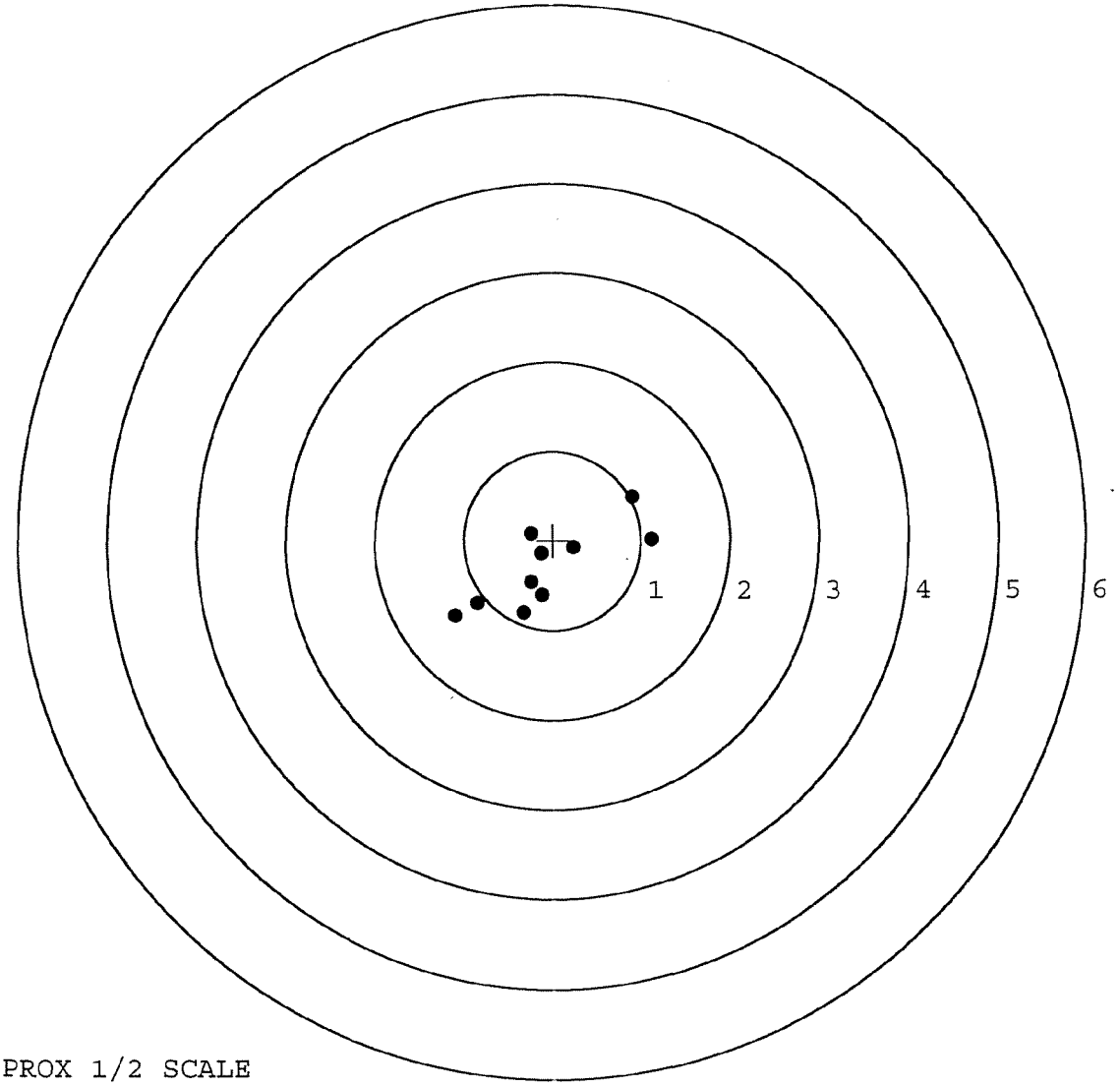


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__0
TARGET NUMBER: 4
FILE DATE: 04/12/2007
FILE TIME: 15:04

X CENTROID:	-0.077
Y CENTROID:	-0.310
POA TO CENTROID:	0.319
HORZ SPREAD:	2.219
VERT SPREAD:	1.337
GROUP SPREAD:	2.412
MIN RADIUS:	0.170
MAX RADIUS:	1.268
MEAN RADIUS:	0.660
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.118	0.010
2:	0.906	0.491
3:	0.230	-0.083
4:	-1.101	-0.846
5:	-0.852	-0.701
6:	-0.332	-0.807
7:	-0.122	-0.616
8:	-0.241	-0.472
9:	-0.127	-0.147
10:	-0.253	0.074

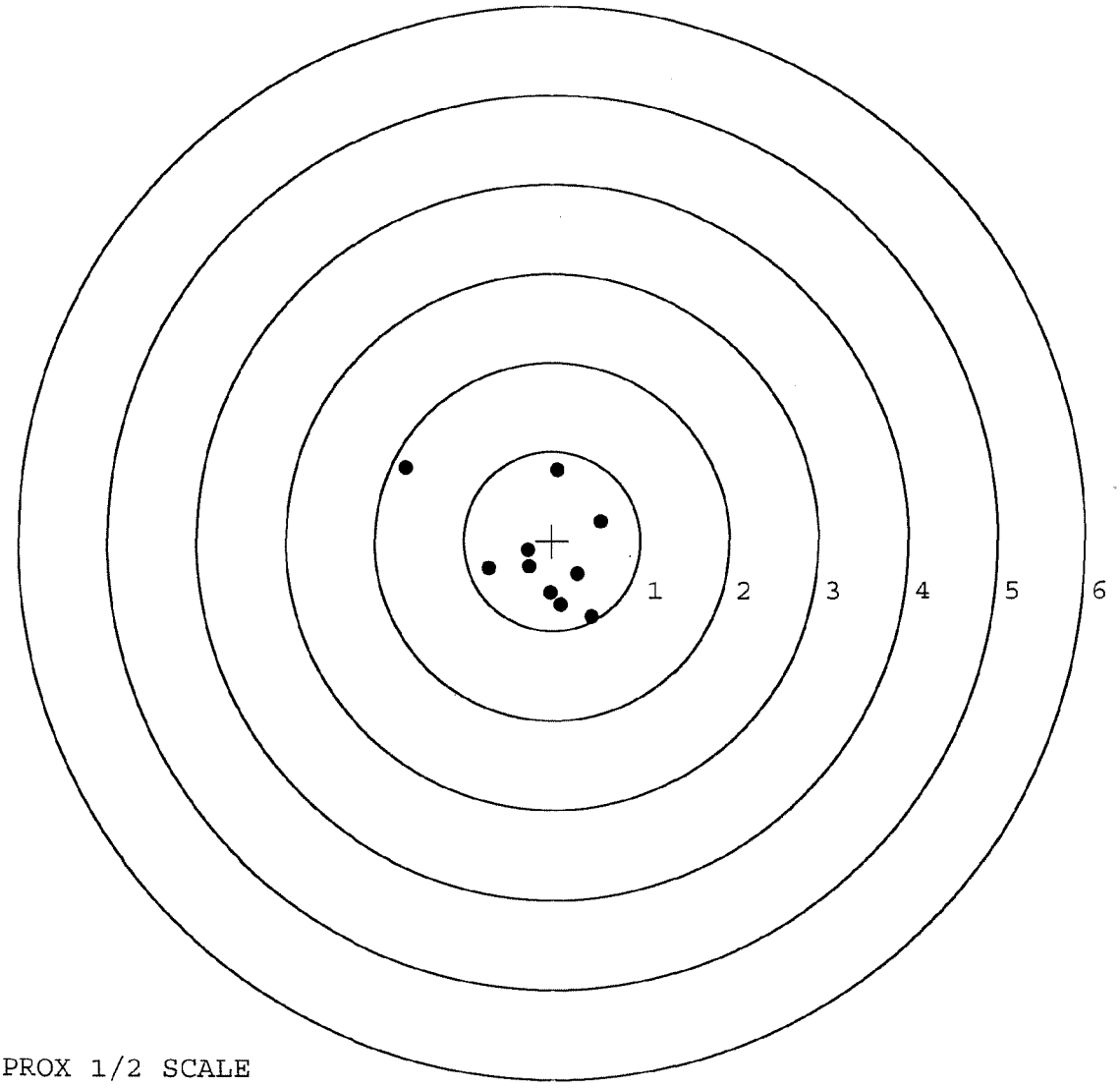


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590174.__0
TARGET NUMBER: 5
FILE DATE: 04/12/2007
FILE TIME: 15:04

X CENTROID:	-0.150
Y CENTROID:	-0.141
POA TO CENTROID:	0.206
HORZ SPREAD:	2.201
VERT SPREAD:	1.671
GROUP SPREAD:	2.684
MIN RADIUS:	0.129
MAX RADIUS:	1.784
MEAN RADIUS:	0.694
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.655	0.818
2:	0.058	0.793
3:	0.546	0.218
4:	0.446	-0.853
5:	0.283	-0.372
6:	0.095	-0.720
7:	-0.022	-0.585
8:	-0.261	-0.288
9:	-0.276	-0.112
10:	-0.717	-0.311



TARGET APPROX 1/2 SCALE

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

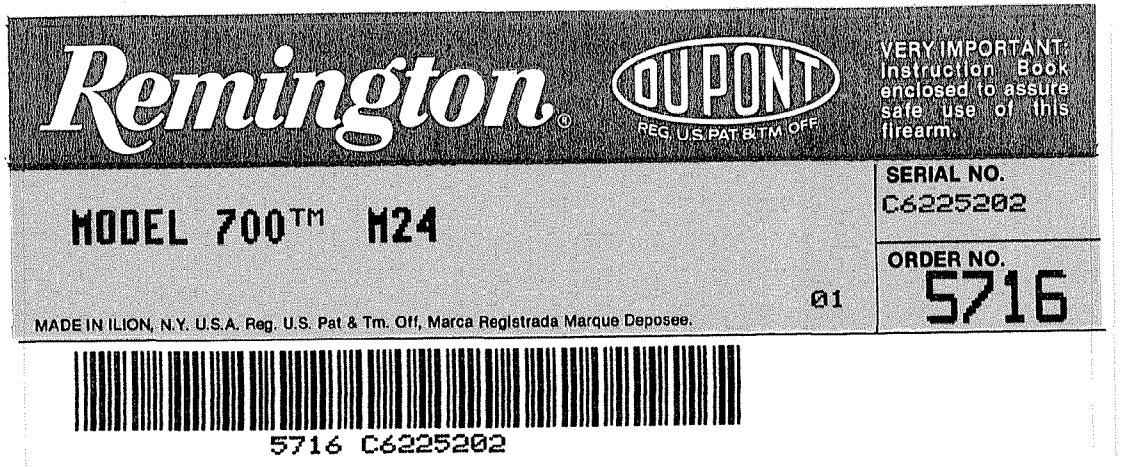
R & E NUMBER 126842

SERIAL NUMBER ~~C622520Z~~ C659017 4 (NEW)

LOG-IN DATE 3-16-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-28-07	RTL
505	RE-BARREL		4-3-07	RTL
560	ASSEMBLE		4-3-07	RTL
600	PROOF		4-3-07	TRW
605	CHECK HEADSPACE	INSPECTED	4-3-07	TRW
610	DIS-ASSEMBLE GUN	APR 05 2007	4-4-07	RTL
612	MAGNAFLUX	OPERATOR	4-5-07	
510	DRILL AND TAP		4-4-07	TRW
615	ROLLMARK CALIBER		4507	CW
618	ROTO-BLAST		4-5-07	LB
620	APPLY COATINGS		4/9/07	ZS
625	FINAL ASSEMBLY		4-12-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL	4-12-07	TRW
650	TARGET	(PASS) FAIL	4-12-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-12-07	FM
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL		
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.55 2.55 2.39 2.44 2.49	4/19/07	mm
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.5 5.0 5.25	4/19/07	mm
	G) SAFETY OFF FORCE (2 LBS MIN)	3.0 3.0 3.75	4/19/07	mm
	I) FIRING PIN INDENT (.020)	.023 .022 .022	4/19/07	mm
690	PACK		4/24/07	EM

N/A



RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 1 OF 4 W/HARD CASE

ORDER: R 99-16330

INITIAL	CUSTOMER ORDER NO.
SWS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
08/20/99	08/24/99	AJ 3/89	C6225202		700 7.62NAT M24 SWS

ACCESSORIES: W/STUDS SCOPE BASE W/ADJ BUTT PLATE

FROM:

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL KY 42223

SHIP TO:

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL KY 42223

CUST NO: 061543 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	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

BBL 96003
Stock 96018

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW		11-22-99	11-23-99	11-23-99	

OFFICE COPY

RD6925 REV. 7/97

Poc PFC Addicks
798-3314

DATE: 19990802 MAINTENANCE REQUEST DA FORM 5990-E

---------- CUSTOMER DATA ----------

UIC: WACQAA 2/502 INF PHONE: (502)798-2433
UTIL CODE: 0

---------- AC ----------

SUP WON: 2696 B C PHONE: 798-2871
SUP UIC: WFJ3B0 SHOP SEC: A

TYPE MNT REQ: 1 MODEL: M24

NOUN: RIFLE, 7.62 QTY: 00001

ORG WON: ED: F

MI/ UNDS:

IN WAR IN NUM:

DEPARTMENT OF THE ARMY
COMMANDER
FT CAMPBELL, KY 42223-5000
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

DA Label 18-1, Sep 63
Edition of Oct 74 will be used until exhausted.

REMINGTON ARMS Co. INC
14 HOEFLER AVE
P.O. BOX 179
ILION, NY 13357

SUBMITTED BY: DATE: 99215 MIL TIME:

ACCEPTED BY: # ORD DATE: 99215 MIL TIME:

ARMT
2 26 FEB SB

---------- TION DATA ----------

WORK STARTED BY: QS STATUS: E ORD DATE: MIL TIME:

INSPECTED BY: 053 STATUS: R ORD DATE: MIL TIME:

PICKED UP BY: Rodger Addicks STATUS: L ORD DATE: MIL TIME:

---------- COMPLETION DATA ----------

QTY RPR: QTY CONDEMNED: NRTS:

EVAC WON: EVAC UNIT NAME:

NSN 1005-01-240-2136

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

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

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
HHC 2-502 IN	M24 - 7.62mm Sniper Weapon System

3. REGISTRATION/SERIAL/NSN	4a. MILES	4b. HOURS	4c. ROUNDS FIRED	4d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6225202			5500+/-		30 JUL 99	Q-PMCS

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	JUNE 89 w/C7		

COLUMN a — Enter TM item number.

COLUMN b — Enter the applicable condition status symbol.

COLUMN c — Enter deficiencies and shortcomings.

COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e — Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X"—Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT-Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
William N. Mercer				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	X	Due for 5,000rd. Service		
		(Round Count over 5,000)		

DA FORM 1 APR 79 2404 — Replaces edition of 1 Jan 64, which will be used

TM ITEM NO. *a*	STATUS *b*	DEFICIENCIES AND SHORTCOMINGS *c*	CORRECTIVE ACTION *d*	INITIAL WHEN CORRECTED *e*

*U.S. Government Printing Office: 1996 - 409-184

21 DAY TURN - AROUND

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

R&E NO. **SERIAL NO.** C6225202

	LOG IN DATE: / /	DATE	INIT.
	INSPECT & VERIFY:	8-24-99	RW
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	8-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-20-99	RW
605	CHECK HEADSPACE	10-20-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	10-21-99	RW
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	11-18-99	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-23-99	RW
655	FINAL INSPECT	12-7-99	RW
660	PACK		
	QAR INSPECTION	SHIP DATE	

Final Inspection

S/N: C6225202	DATE REC'D: 8-20-99	DATE RET'D:

AUDITOR: RW

Item:

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

Scope Assy.
- ___ Scope
- ___ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

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

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

Remington Test Lab, Ilion, N.Y.

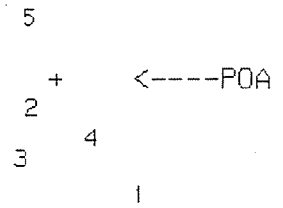
Centroidal distance calculations for Rifle # c6225202
6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3026
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .305052

THE AMR FOR THIS RIFLE IS: 1.225

CENTROIDAL DISTANCES

0	TO	1	.96696
1	TO	2	.940496
1	TO	3	.848156
1	TO	4	.505128
1	TO	5	1.41536



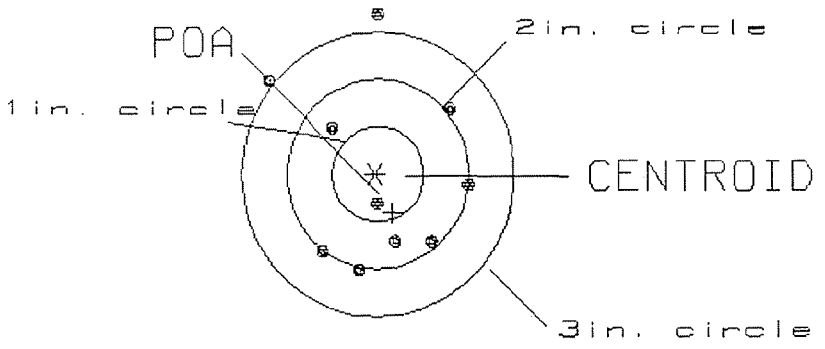
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.454
MIN RADIUS	:	.300
MEAN RADIUS	:	.995
MAX RADIUS	:	1.642
CENTROID X	:	-.194
CENTROID Y	:	.410

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225202

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 2.21	1
VS= 2.68	5
GS= 2.69	8

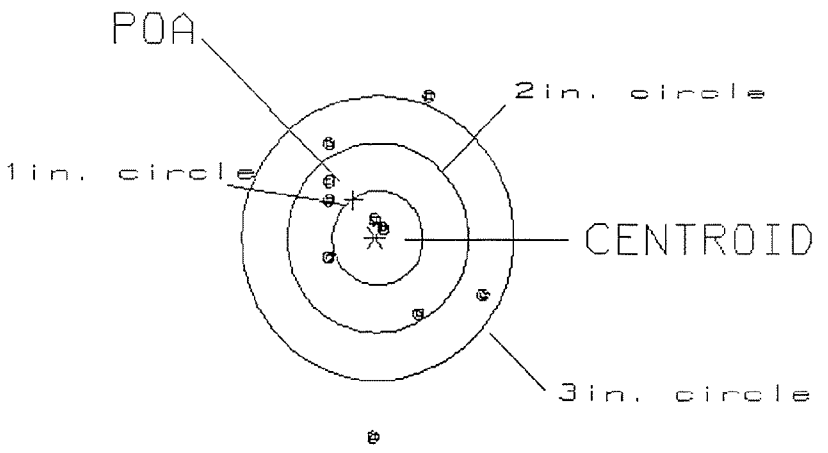
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.465
MIN RADIUS	:	.129
MEAN RADIUS	:	.951
MAX RADIUS	:	2.123
CENTROID X	:	.239
CENTROID Y	:	-.399

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225202

CENTERFIRE PATTERN # 2

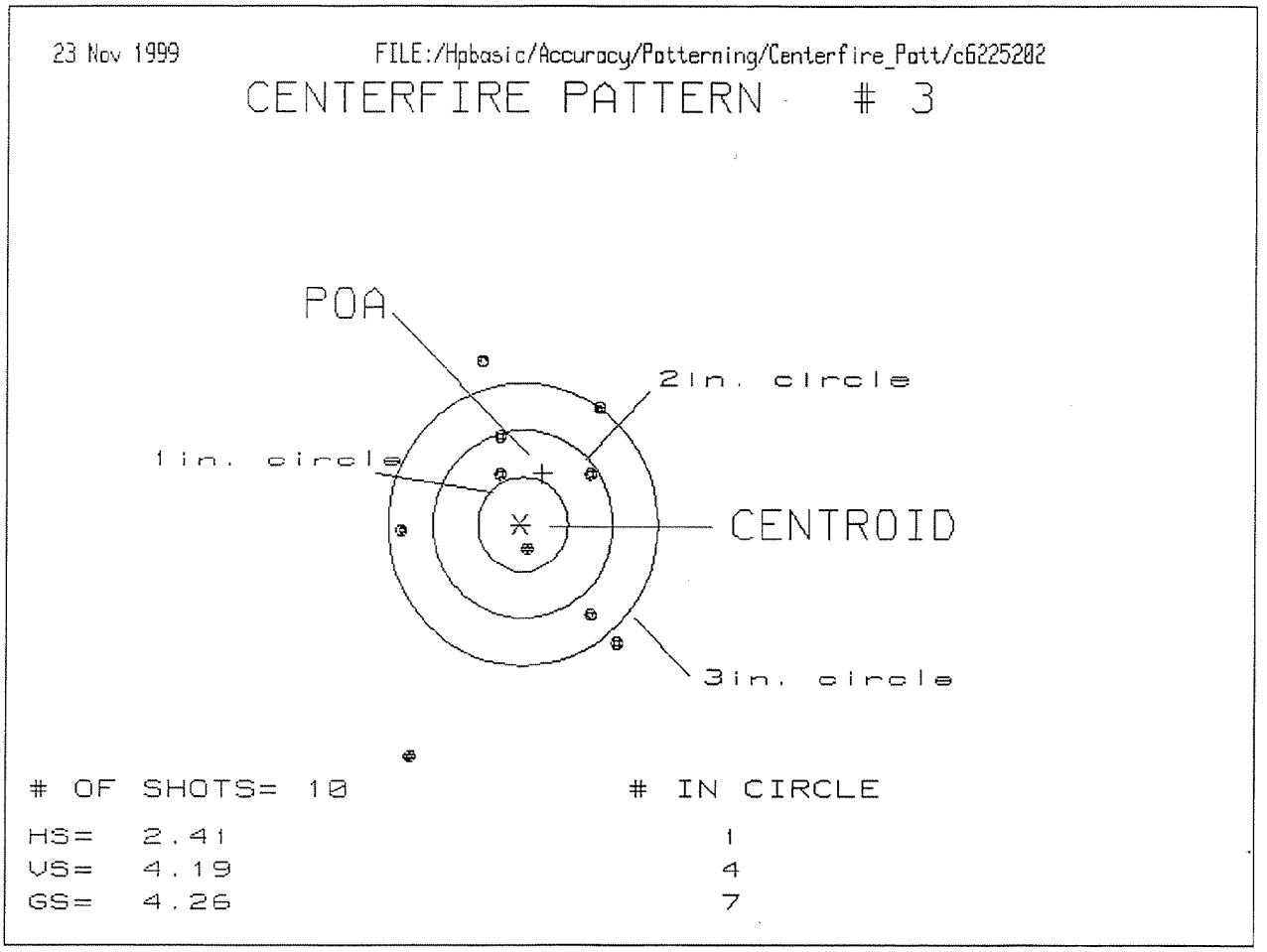


# OF SHOTS= 10	# IN CIRCLE
HS= 1.72	2
VS= 3.62	6
GS= 3.66	8

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

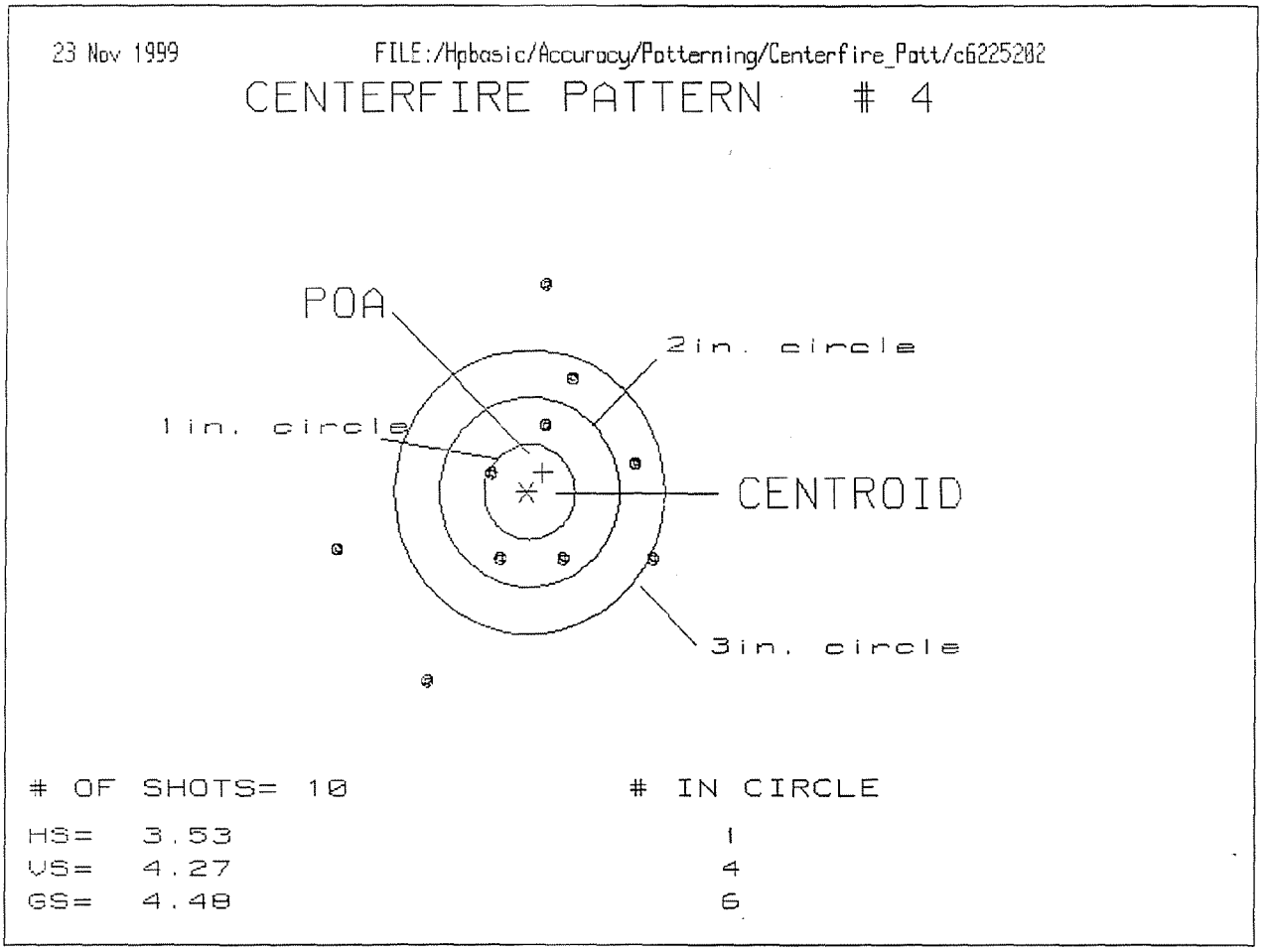
PATTERN #: 3

POA TO CENTROID:		.593
MIN RADIUS	:	.322
MEAN RADIUS	:	1.307
MAX RADIUS	:	2.713
CENTROID X	:	-.246
CENTROID Y	:	-.539



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

PATTERN #:	4
POA TO CENTROID:	.265
MIN RADIUS :	.436
MEAN RADIUS :	1.364
MAX RADIUS :	2.324
CENTROID X :	-.172
CENTROID Y :	-.201



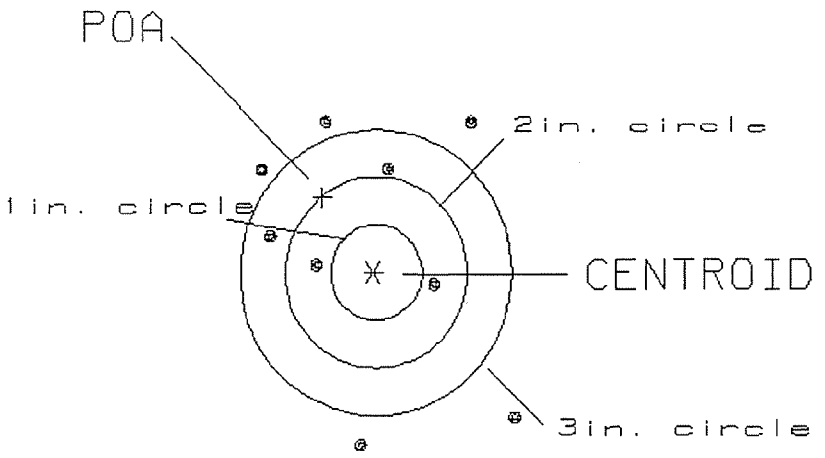
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID	:	.967
MIN RADIUS	:	.634
MEAN RADIUS	:	1.509
MAX RADIUS	:	2.359
CENTROID X	:	.566
CENTROID Y	:	-.784

23 Nov 1999 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225202

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.73	0
VS= 3.91	2
GS= 4.01	4

M-24

Scope 0073

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225202

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3.17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	3 17	89	RW
610	Dis-assemble Gun	3.17	8	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	GS
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT
620	Apply Coatings (Barrel Action)		3-31-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/3/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/3/89	RW
	C) Inspect Ejector Hole for Chamfer		4/3/89	RW
	D) Oil Firing Pin Ass'y		4/3/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-3-89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			4-7-89	JH
	G) Safety Off Force	3	3	3			4-7-89	JH
	H) Trigger Pull Test & Retainability						4-3-89	G.S.
	I) Firing Pin Indent	.020	.020	.021			4-7-89	JH.
	J) Assemble Stock						4/12/89	RW
	K) Assemble Swivel Studs						17 April 89	GS
	L) Attach Front and Rear Sight Assemblies						4/12/89	RW
	M) Iron Sight Alignment						4/12/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/12/89	RW
	O) Attach Scope to Rifle						4/12/89	JH
	P) Detach & Attach Scope 20 Times						4/13/89	JH.
640	Gallery Target & Test	58 R	93 L				4/14/89	DH
	A) Time						4/14/89	DH
	B) Malfunctions						4/14/89	DH
	C) Pierced Primers						4/14/89	DH
	D) Optical Clearity of Scope						4/14/89	DH
645	Inspect for Live Ammo						4/14/89	DH
655	Final Inspection A) Headspace						17 April 89	GS
	B) Trigger Pull	2.18	2.37	2.27	2.34	2.30	17 April 89	GS
	C) Function						17 April 89	GS
660	Pack						20 June 89	GS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225202
DATE 4-4-90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.38		2.49	MIN. SETTING,
PULL #2	2.30	2.34		2.31	NO AVG. OF 5
PULL #3	2.33	2.34		2.21	READINGS ACCEPT-
PULL #4	2.32	2.44		2.36	ABLE LESS THAN 2#
PULL #5	2.40	2.32		2.30	
TOTAL	11.76	11.82		11.67	
AVG.	2.352	2.364		2.334	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.25		
PULL #2	3.54	3.43		
PULL #3	3.50	3.34		
PULL #4	3.45	3.32		
PULL #5	3.44	3.41		
TOTAL	17.45	16.75		
AVG.	3.49	3.35		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.11		
PULL #2	4.18	4.25		
PULL #3	4.38	4.35		
PULL #4	4.33	4.30		
PULL #5	4.33	4.37		
TOTAL	21.49	21.38		
AVG.	4.298	4.276		

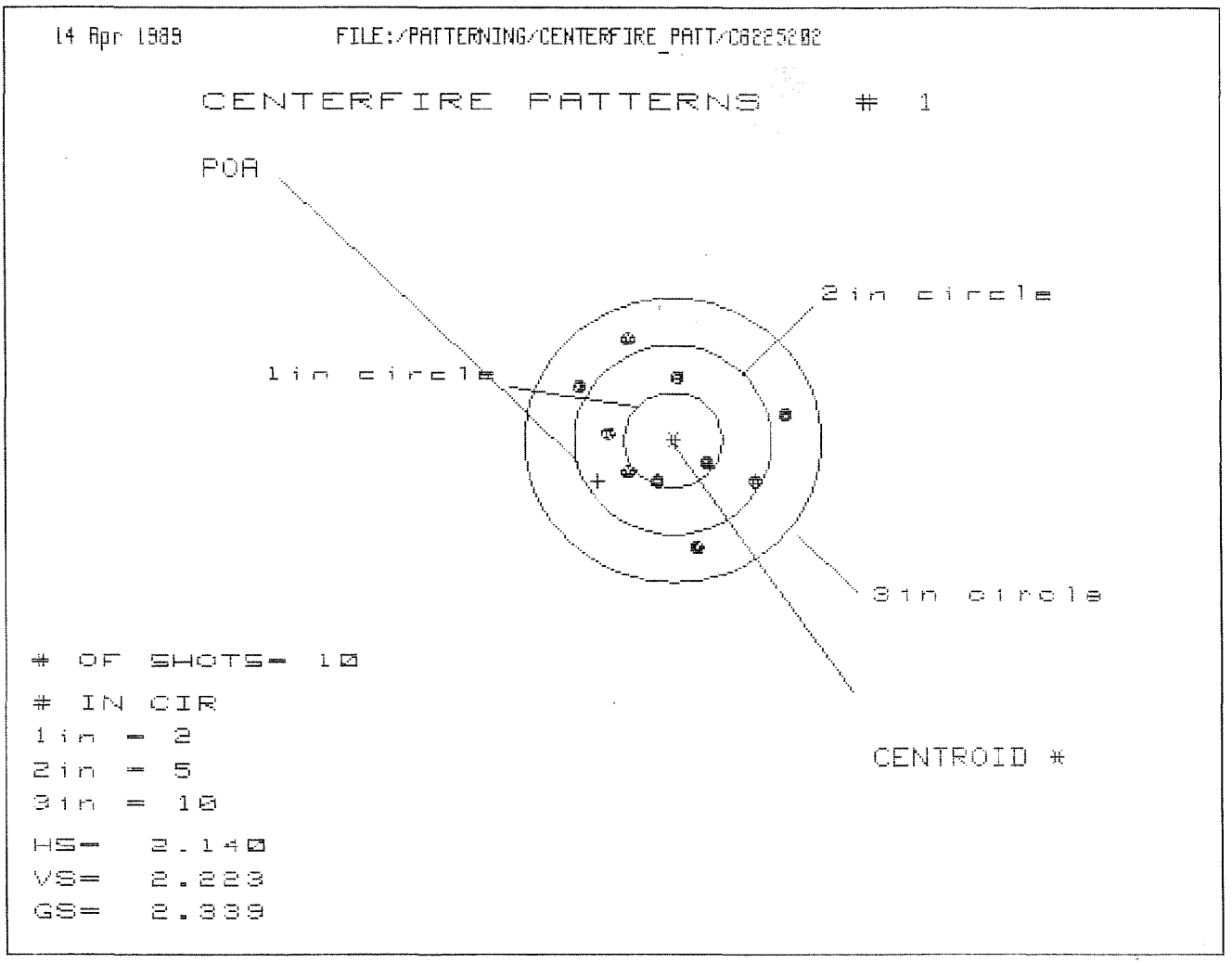
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225202
17 Apr 1989

CENTROIDAL DISTANCES

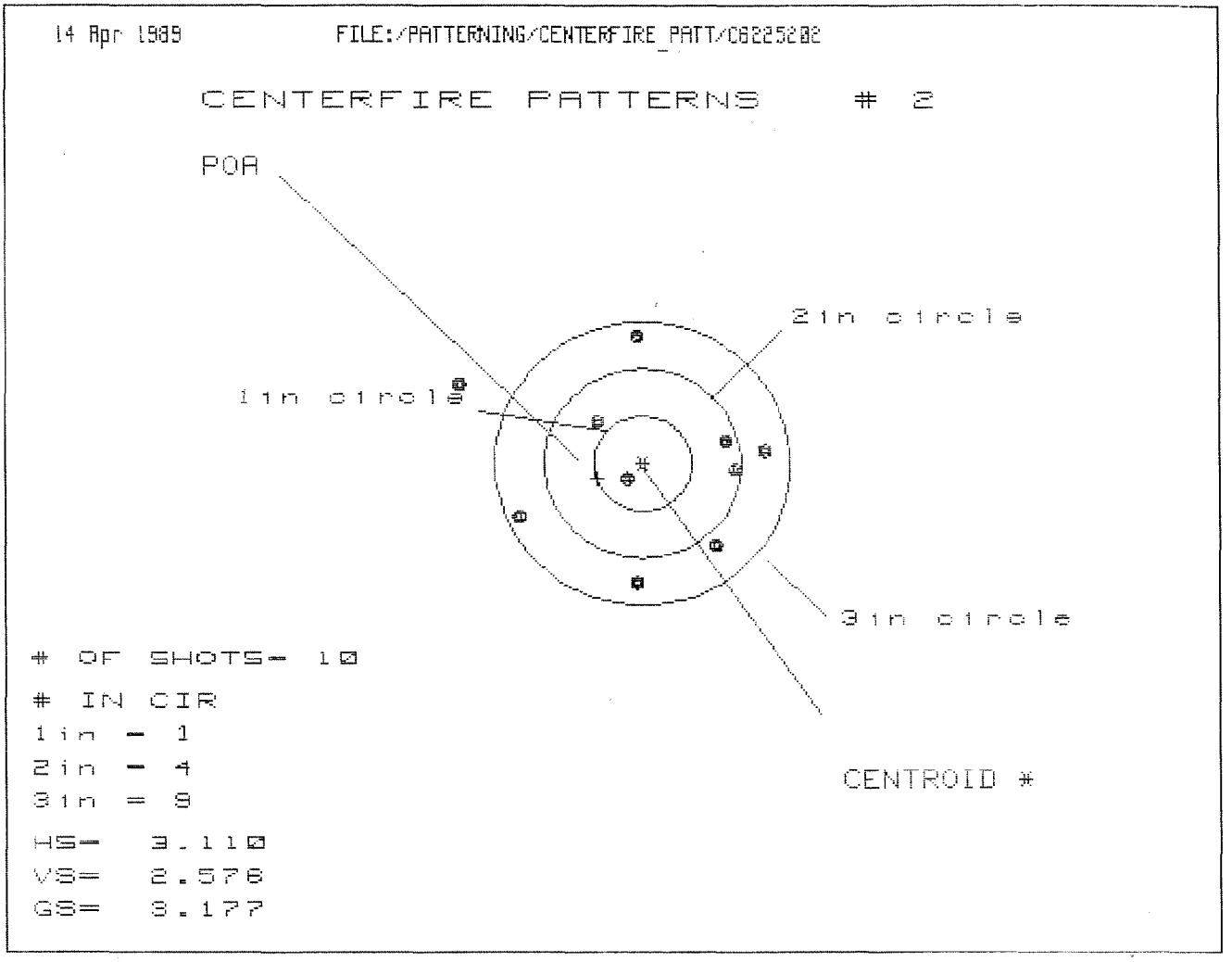
0	TO	1	.876316
1	TO	2	.405098
1	TO	3	.171143
1	TO	4	.244659
1	TO	5	.310696

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5778
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .704687

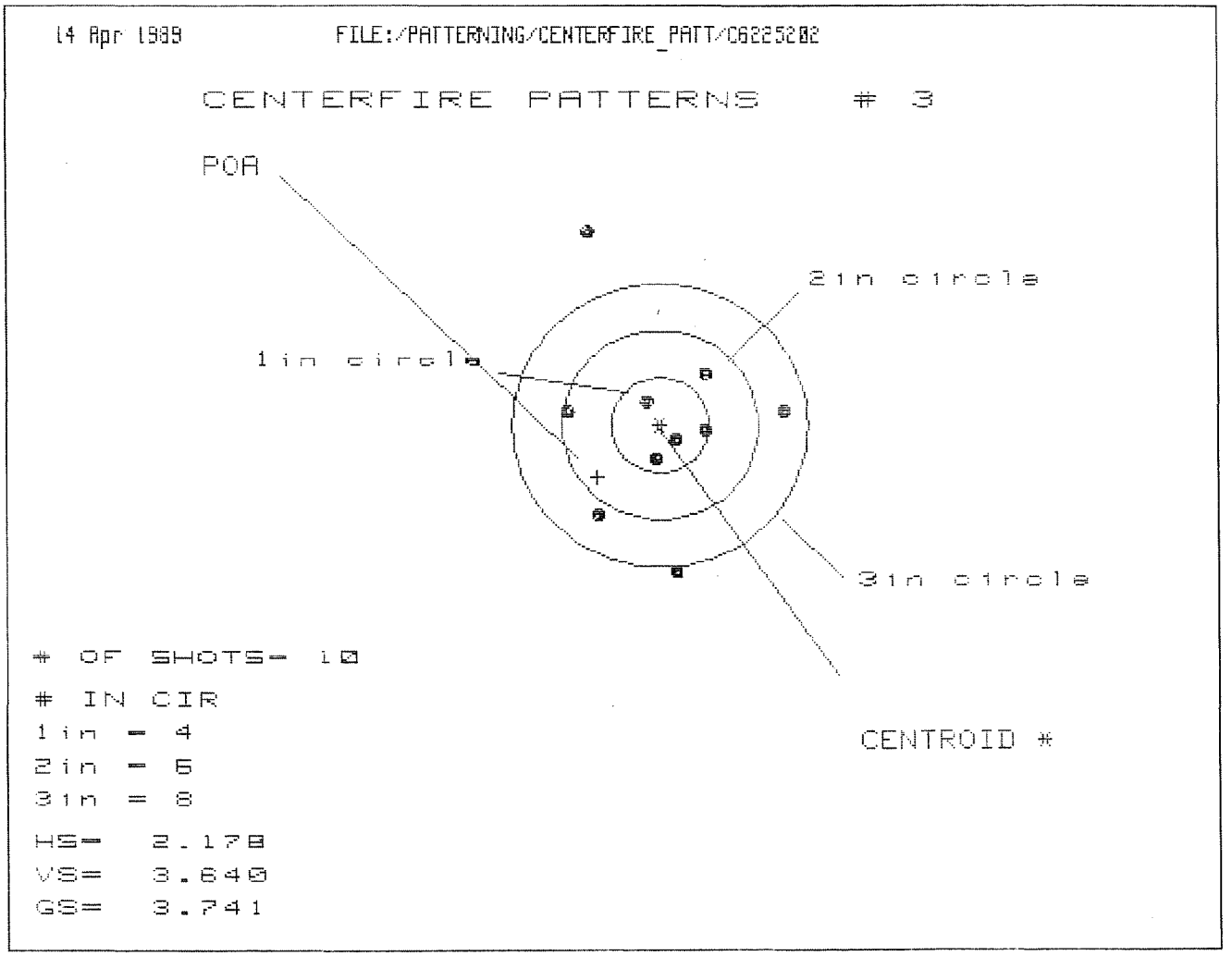
THE AMR FOR THIS RIFLE IS: .9982



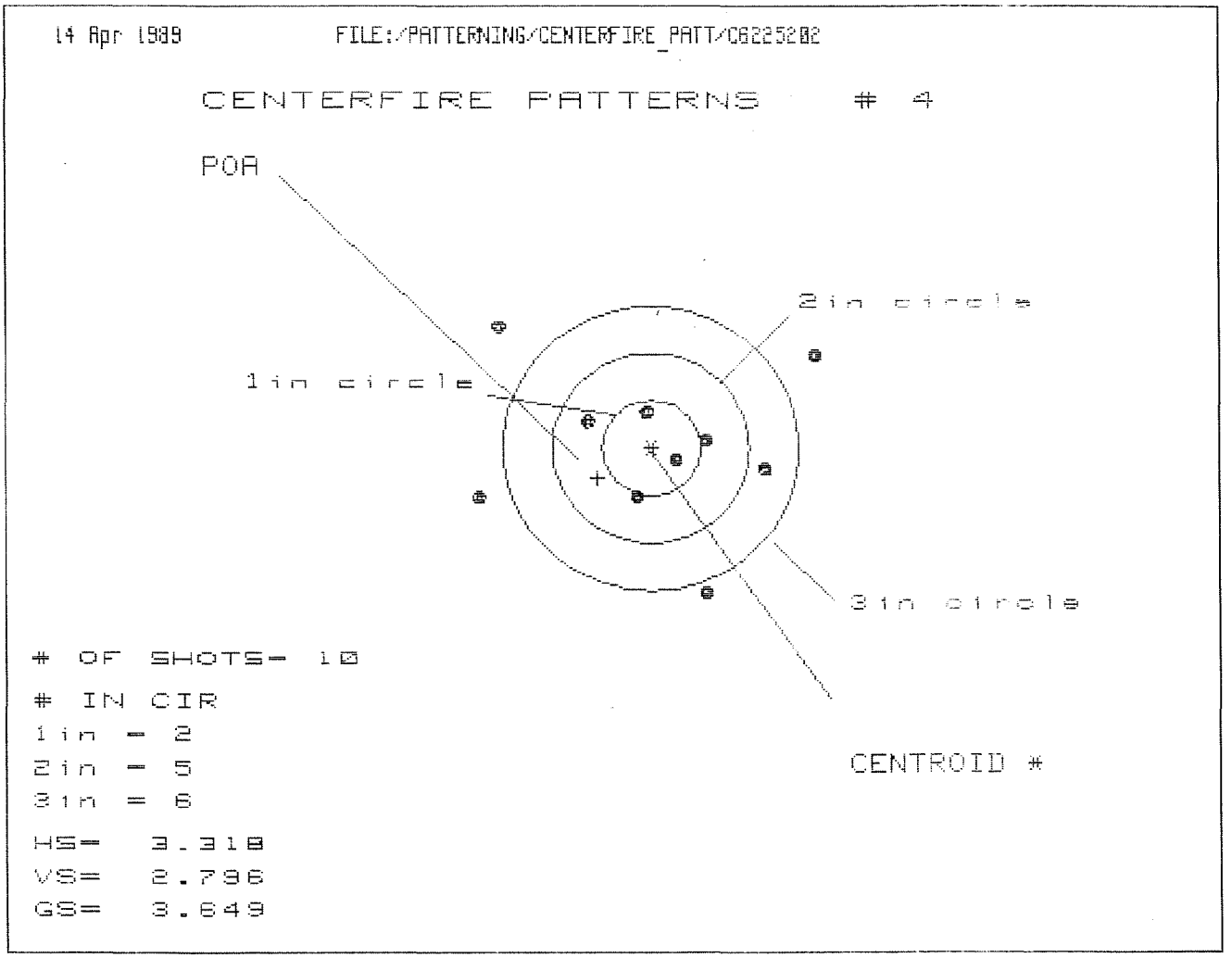
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.180	1.012	.970
MINIMUM X	:	-.960	-.829	-.871
MAXIMUM Y	:	1.098	1.126	.832
MINIMUM Y	:	-1.125	-1.097	-.956
CENTROID X	:	.763	.632	.674
CENTROID Y	:	.431	.403	.262
POA TO CENTROID in.	:	.876	.749	.723
MIN RADIUS	:	.370	.409	.270
MEAN RADIUS	:	.840	.784	.712
MAX RADIUS	:	1.207	1.176	1.124
HORIZONTAL SPREAD	:	2.140	1.841	1.841
VERTICAL SPREAD	:	2.223	2.223	1.788
EXTREME SPREAD	:	2.339	2.339	2.105
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.224	1.015	.837
MINIMUM X	:	-1.886	-1.422	-.845
MAXIMUM Y	:	1.308	1.397	1.334
MINIMUM Y	:	-1.268	-1.179	-1.242
CENTROID X	:	.461	.670	.848
CENTROID Y	:	.161	.072	.135
POA TO CENTROID in.	:	.488	.674	.859
MIN RADIUS	:	.242	.404	.558
MEAN RADIUS	:	1.111	.987	.898
MAX RADIUS	:	2.048	1.509	1.415
HORIZONTAL SPREAD	:	3.110	2.437	1.682
VERTICAL SPREAD	:	2.576	2.576	2.576
EXTREME SPREAD	:	3.177	2.577	2.577
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.236	1.155	1.162
MINIMUM X	:	-.942	-1.023	-1.016
MAXIMUM Y	:	2.064	.732	.564
MINIMUM Y	:	-1.576	-1.346	-.911
CENTROID X	:	.640	.721	.714
CENTROID Y	:	.550	.320	.488
POA TO CENTROID in.	:	.844	.789	.865
MIN RADIUS	:	.253	.112	.158
MEAN RADIUS	:	.905	.735	.645
MAX RADIUS	:	2.188	1.347	1.174
HORIZONTAL SPREAD	:	2.178	2.178	2.178
VERTICAL SPREAD	:	3.640	2.078	1.475
EXTREME SPREAD	:	3.741	2.180	2.180
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.612	1.437	1.199
MINIMUM X	:	-1.706	-1.881	-1.702
MAXIMUM Y	:	1.256	1.134	.663
MINIMUM Y	:	-1.540	-1.401	-1.259
CENTROID X	:	.546	.721	.542
CENTROID Y	:	.318	.179	.037
POA TO CENTROID in.	:	.632	.743	.543
MIN RADIUS	:	.262	.038	.247
MEAN RADIUS	:	1.110	.975	.888
MAX RADIUS	:	2.020	1.920	1.719
HORIZONTAL SPREAD	:	3.318	3.318	2.901
VERTICAL SPREAD	:	2.796	2.535	1.922
EXTREME SPREAD	:	3.649	3.649	2.914
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		

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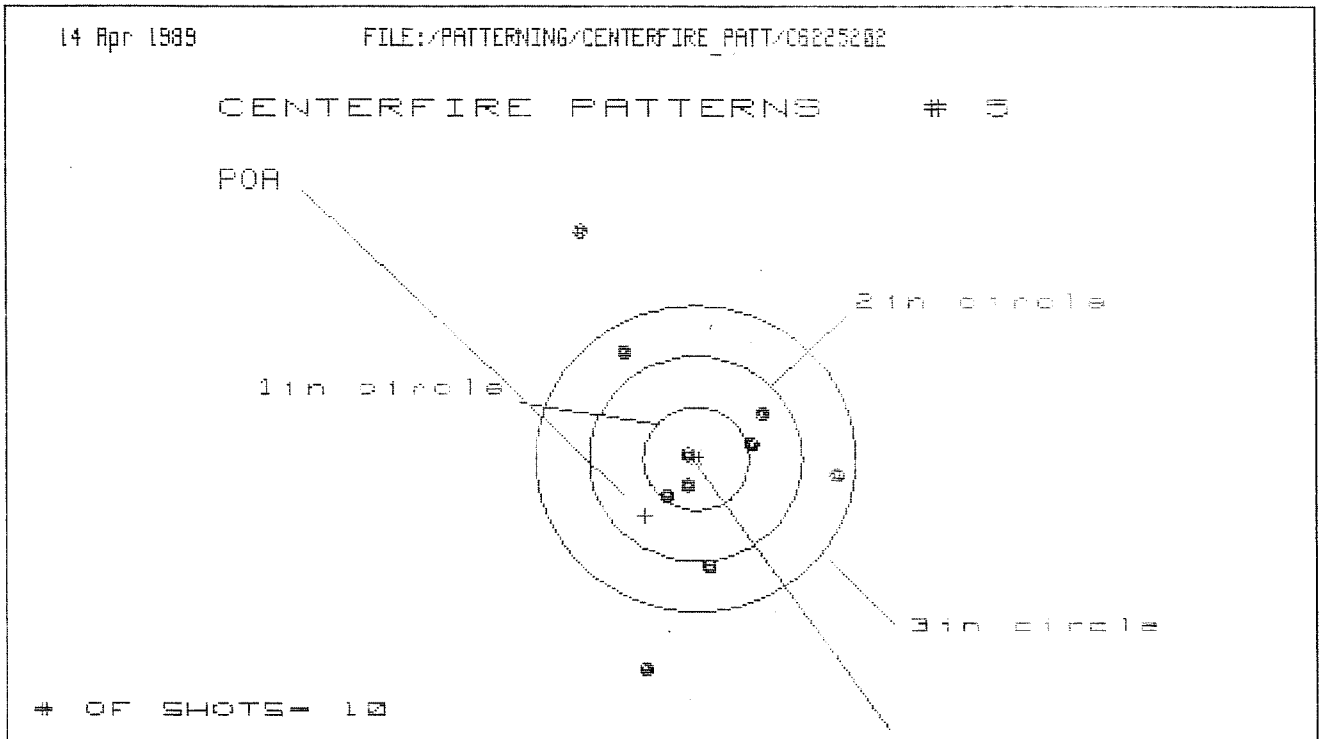
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 4
2in = 5
3in = 8

HS= 2.346
VS= 4.309
GS= 4.346

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.294	1.177	1.102
MINIMUM X	:	-1.052	-.760	-.835
MAXIMUM Y	:	2.256	1.264	1.038
MINIMUM Y	:	-2.053	-1.802	-1.022
CENTROID X	:	.479	.596	.671
CENTROID Y	:	.557	.306	.532
POA TO CENTROID in.	:	.734	.670	.856
MIN RADIUS	:	.098	.168	.262
MEAN RADIUS	:	1.025	.852	.701
MAX RADIUS	:	2.489	1.899	1.332
HORIZONTAL SPREAD	:	2.346	1.937	1.937
VERTICAL SPREAD	:	4.309	3.066	2.060
EXTREME SPREAD	:	4.346	3.070	2.274
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	