C 622531 1
Replaces
C 673862

07/17/08 08:10:21

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: RE00147682
Verify Repair

Serial: C6225311 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 7/17/2008 8:22:25 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	PBO 1/75 RANGER REGIMENT		PBO 1/75 RANGER REGIMENT
Address 1:	ATTN : W01 CURTIS B MATHIS		ATTN : W01 CURTIS B MATHIS
Address 2:	1036 LIBERATOR RD PO Box:		1036 LIBERATOR RD PO Box:
City:	HUNTER AAF		HUNTER AAF
State: / Zip Code: / Country:	GA / 31409 / US	State: / Zip Code: / Country:	GA / 31409 / 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	3
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 7/17/2008 | 8:10 AM | CAPS | NUM | INS | SCRL

Start | 10 Micr... | Excite Mai... | 8 Micros... | Arms Ser... | Part Sear... | 8:10 AM

G6738612 (New)

Number: C6225311 Reset

Model: M24 SWS

RE00147682

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

R & E NUMBER 147682
SERIAL NUMBER ~~C022531~~ G6738612 (New)
LOG-IN DATE 7-17-08

OPERATION #	OPERATION NAME				DATE	INITIAL
500	DIS-ASSEMBLE GUN				9-29-08	RTC
505	RE-BARREL				9-30-08	RTC
560	ASSEMBLE				9-30-08	RTC
600	PROOF				10-2-08	LPD.
605	CHECK HEADSPACE				10-2-08	LPD.
610	DIS-ASSEMBLE GUN				10-2-08	LPD.
612	MAGNAFLUX				10/8/08	(RH)
510	DRILL AND TAP				10-6-08	JG
615	ROLLMARK CALIBER				10/9/08	RT
618	ROTO-BLAST					
620	APPLY COATINGS				10 11	
625	FINAL ASSEMBLY				10-13-08	RTC
640	FUNCTION TEST AND	(PASS)	FAIL		10-16-08	TC
650	TARGET	(PASS)	FAIL		10-16-08	TC
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION			10-16-08	ESN
670	FINAL INSPECTION				10-22-08	L.M.
	A) HEADSPACE	(PASS)	FAIL		10-22-08	L.M.
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.27	2.28	2.27 2.33 2.24	10-17-08	TC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.0	4.0	4.0	10-21-08	LPD
	G) SAFETY OFF FORCE (2 LBS MIN)	6.0	6.0	6.0	10-21-08	LPD
	I) FIRING PIN INDENT .020	.023	.023	.024	10-21-08	L.M.
690	PACK				10/22/08	FM

N/A

MAGNA-FLUX
OCT 2008
OPERATOR

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 9-25-08

TESTER TAE

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	220	205		219	
PULL #2	212	205		216	
PULL #3	208	206		217	
PULL #4	213	242		214	
PULL #5	214	250		216	
TOTAL	1067	1108		1082	
AVERAGE	213	221		216	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	330	365		
PULL #2	328	351		
PULL #3	321	350		
PULL #4	319	353		
PULL #5	319	348		
TOTAL	1617	1767		
AVERAGE	323	353		

	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	476	475		475
PULL #2	481	472		459
PULL #3	482	479		465
PULL #4	442	476		461
PULL #5	487	475		451
TOTAL	2368	2377		2311
AVERAGE	473	475		462

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6738612.__0
FILE DATE AND TIME: 10/17/2008 06:12

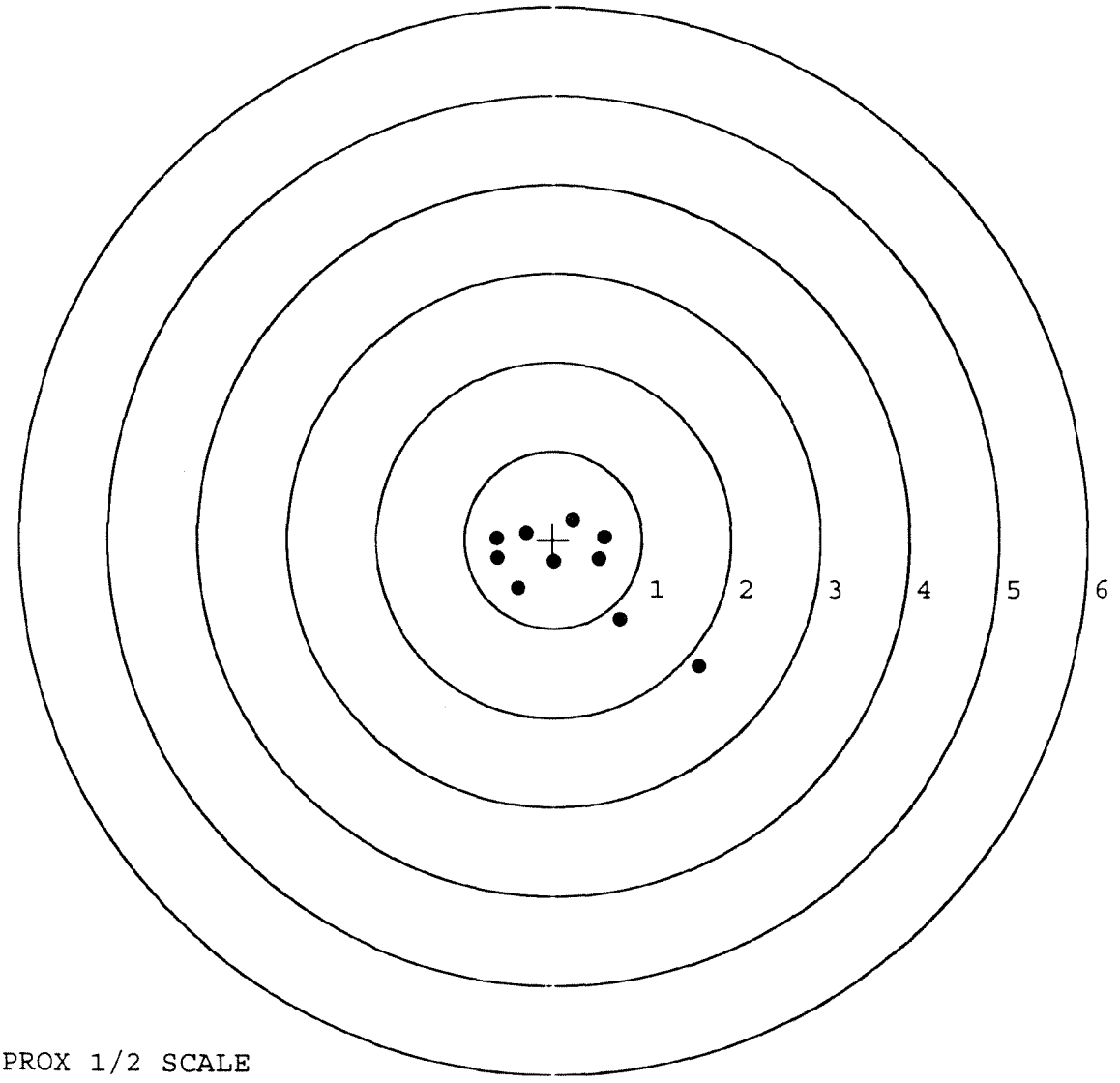
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.116
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.638
The Distance from POA to Centroid Target #1:	0.364
The Distance from Centroid Target #2 to Centroid Target #1:	0.297
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.571
The Distance from Centroid Target #5 to Centroid Target #1:	0.584

SERIAL NUMBER: G6738612.__0
TARGET NUMBER: 1
FILE DATE: 10/17/2008
FILE TIME: 06:12

X CENTROID:	0.176
Y CENTROID:	-0.319
POA TO CENTROID:	0.364
HORZ SPREAD:	2.270
VERT SPREAD:	1.645
GROUP SPREAD:	2.686
MIN RADIUS:	0.181
MAX RADIUS:	1.829
MEAN RADIUS:	0.720
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.635	-1.421
2:	0.747	-0.900
3:	0.522	-0.214
4:	0.580	0.038
5:	0.224	0.224
6:	0.009	-0.249
7:	-0.302	0.076
8:	-0.635	0.014
9:	-0.628	-0.211
10:	-0.397	-0.549

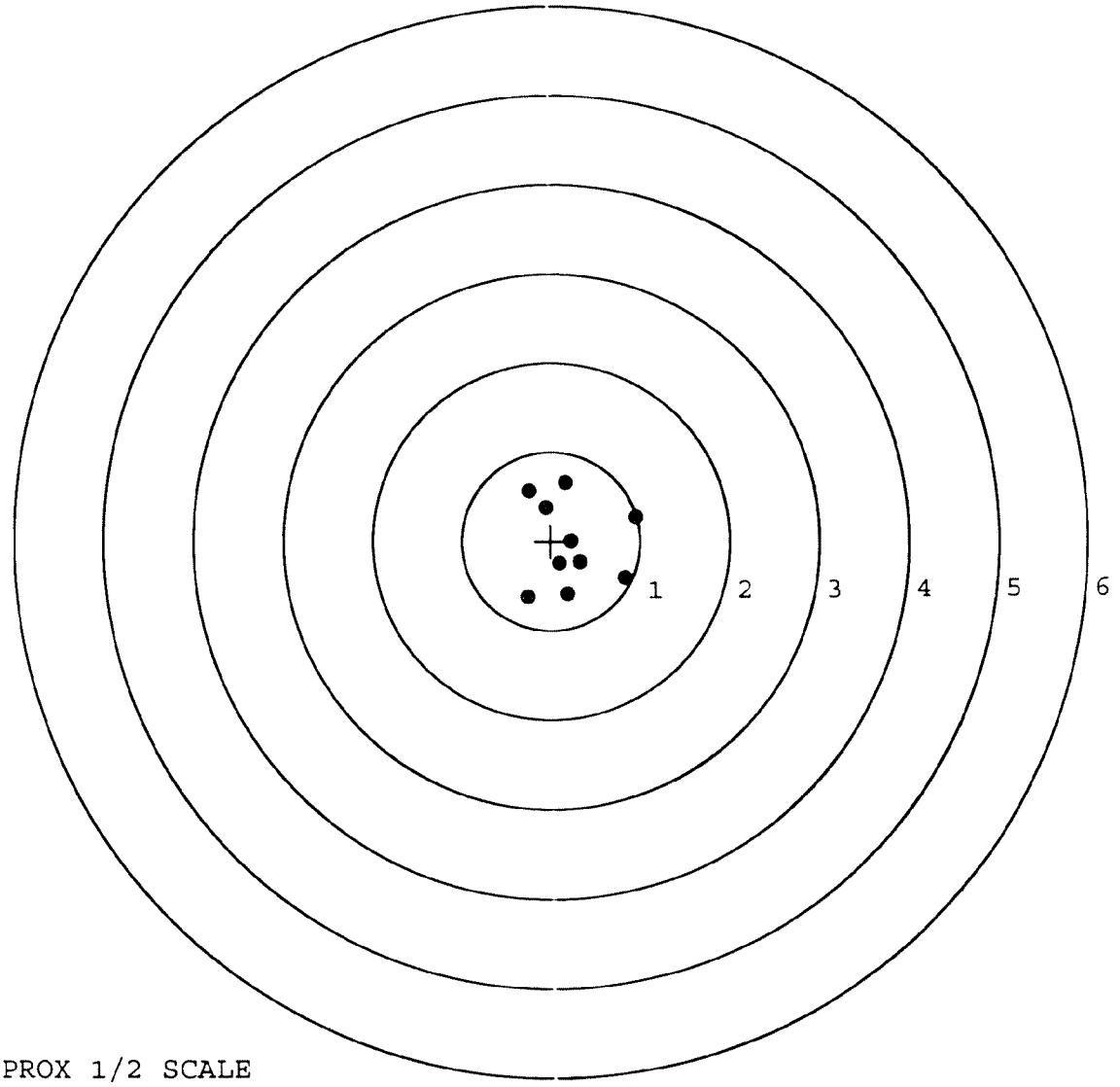


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612.__0
TARGET NUMBER: 2
FILE DATE: 10/17/2008
FILE TIME: 06:12

X CENTROID:	0.224
Y CENTROID:	-0.027
POA TO CENTROID:	0.226
HORZ SPREAD:	1.226
VERT SPREAD:	1.284
GROUP SPREAD:	1.516
MIN RADIUS:	0.030
MAX RADIUS:	0.790
MEAN RADIUS:	0.531
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.827	-0.419
2:	0.960	0.263
3:	0.173	0.655
4:	-0.245	0.564
5:	-0.058	0.380
6:	0.232	0.002
7:	0.333	-0.237
8:	0.097	-0.248
9:	0.192	-0.597
10:	-0.266	-0.629

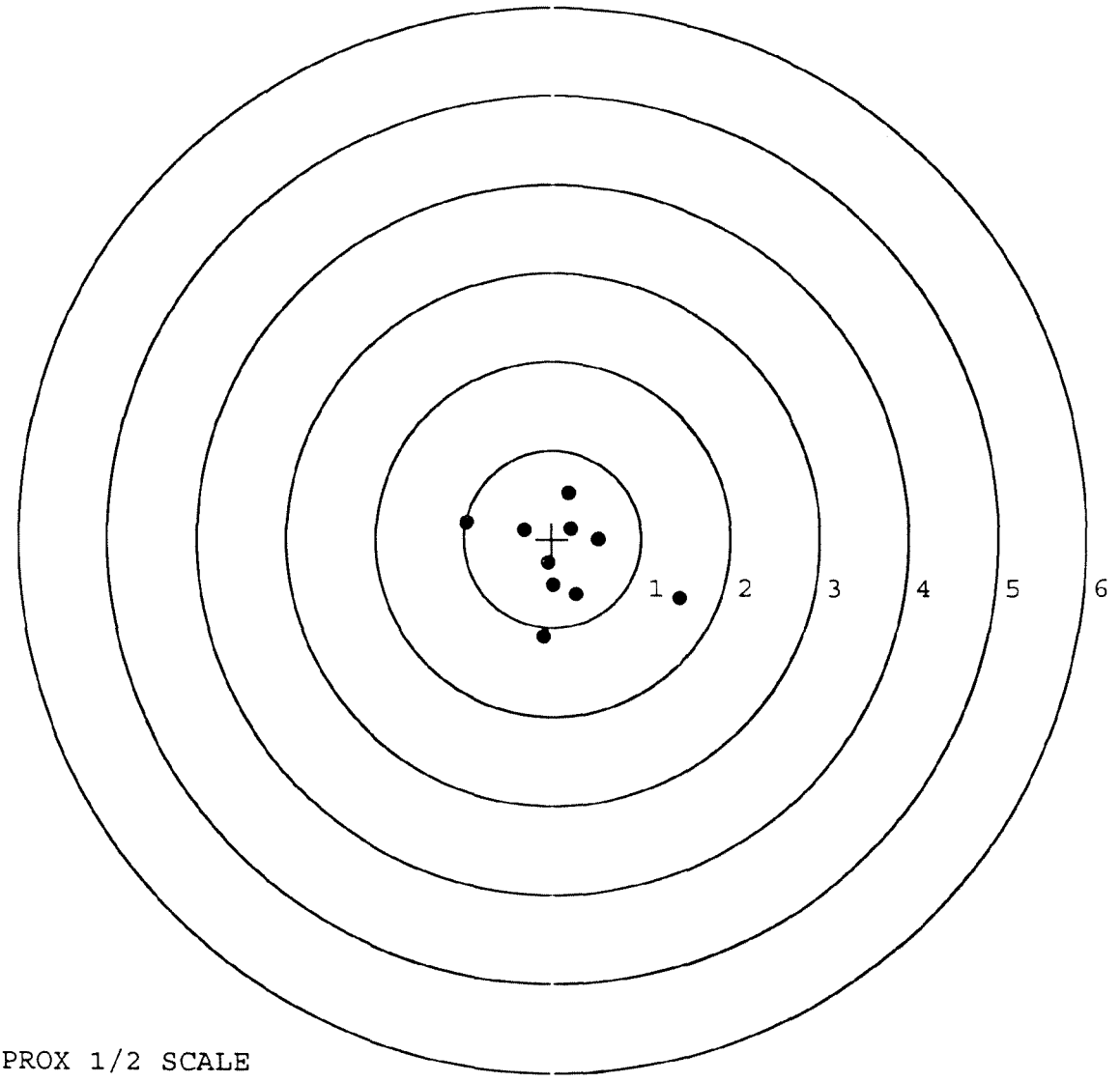


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612.__0
TARGET NUMBER: 3
FILE DATE: 10/17/2008
FILE TIME: 06:12

X CENTROID:	0.120
Y CENTROID:	-0.227
POA TO CENTROID:	0.257
HORZ SPREAD:	2.401
VERT SPREAD:	1.631
GROUP SPREAD:	2.549
MIN RADIUS:	0.175
MAX RADIUS:	1.385
MEAN RADIUS:	0.650
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.433	-0.669
2:	0.520	0.004
3:	0.215	0.116
4:	0.184	0.524
5:	-0.316	0.105
6:	-0.968	0.188
7:	-0.048	-0.273
8:	0.007	-0.526
9:	0.272	-0.629
10:	-0.096	-1.107

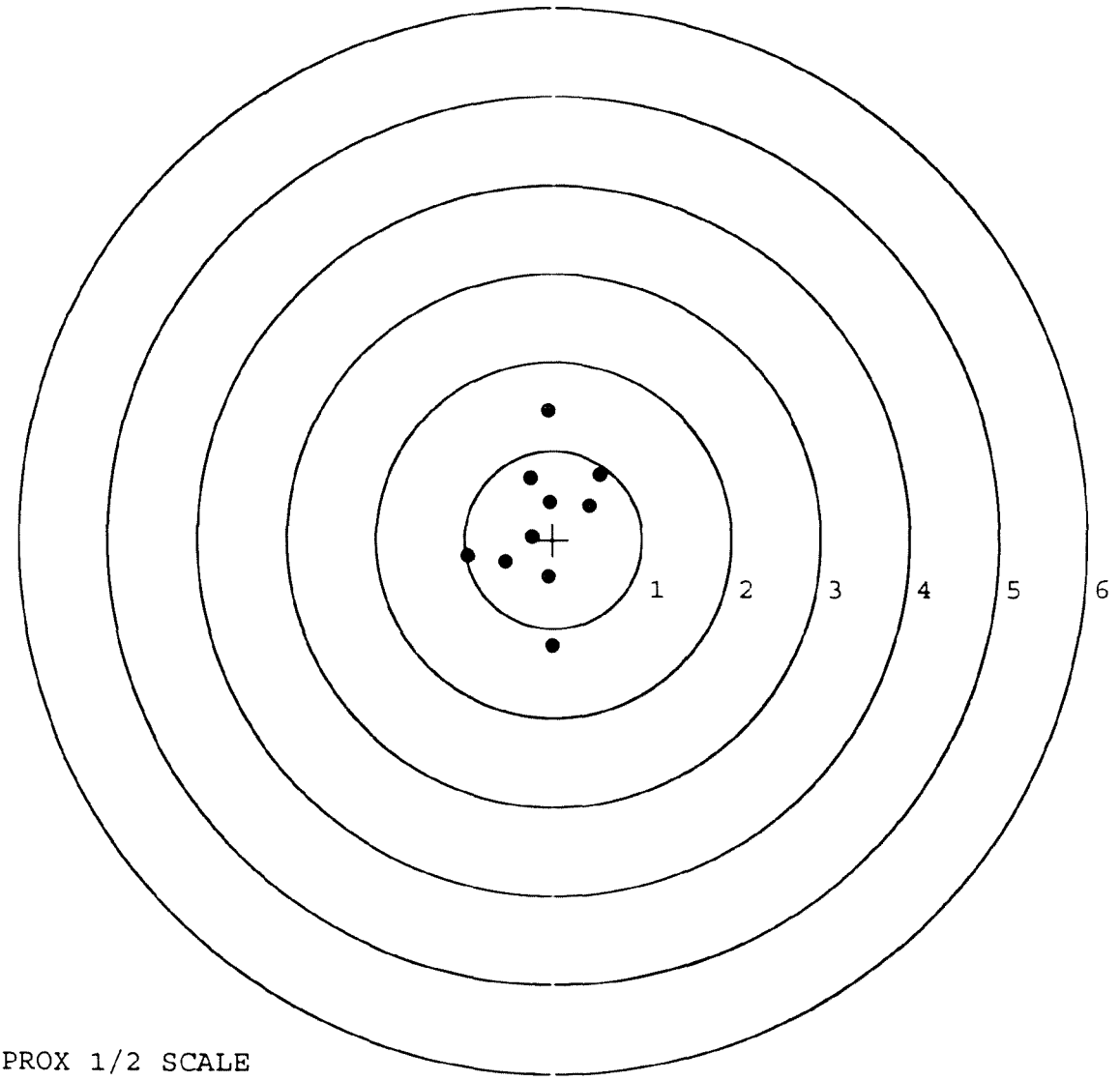


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612.__0
TARGET NUMBER: 4
FILE DATE: 10/17/2008
FILE TIME: 06:12

X CENTROID:	-0.123
Y CENTROID:	0.168
POA TO CENTROID:	0.208
HORZ SPREAD:	1.492
VERT SPREAD:	2.646
GROUP SPREAD:	2.647
MIN RADIUS:	0.175
MAX RADIUS:	1.371
MEAN RADIUS:	0.717
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.010	-1.198
2:	-0.057	-0.414
3:	-0.540	-0.248
4:	-0.961	-0.188
5:	-0.236	0.034
6:	-0.044	0.422
7:	-0.260	0.695
8:	0.412	0.392
9:	0.531	0.737
10:	-0.062	1.448

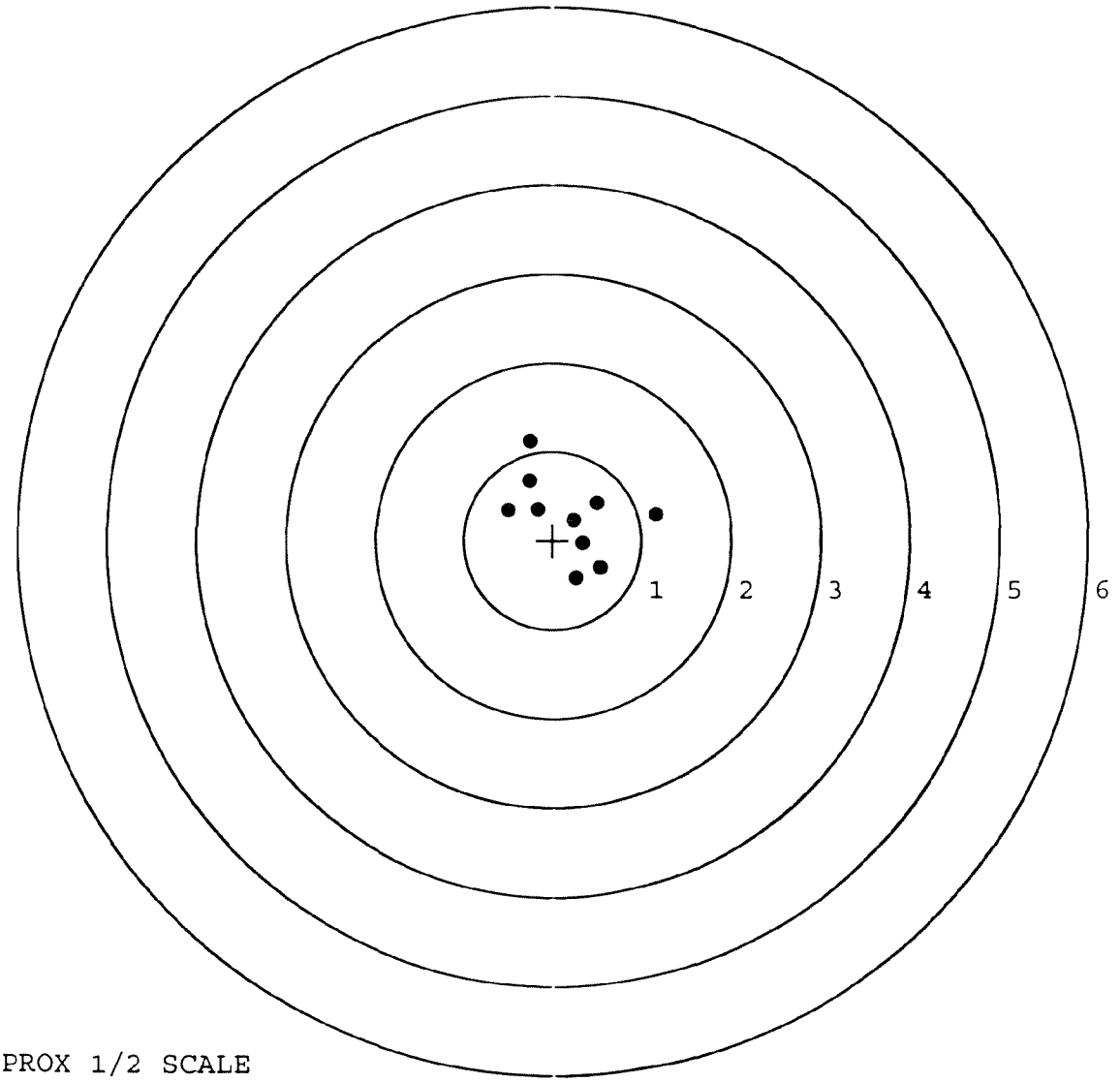


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738612.__0
TARGET NUMBER: 5
FILE DATE: 10/17/2008
FILE TIME: 06:12

X CENTROID:	0.184
Y CENTROID:	0.265
POA TO CENTROID:	0.323
HORZ SPREAD:	1.659
VERT SPREAD:	1.537
GROUP SPREAD:	1.660
MIN RADIUS:	0.062
MAX RADIUS:	0.973
MEAN RADIUS:	0.570
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.157	0.291
2:	-0.255	1.115
3:	-0.263	0.667
4:	-0.502	0.340
5:	-0.172	0.353
6:	0.235	0.229
7:	0.496	0.421
8:	0.342	-0.038
9:	0.536	-0.307
10:	0.267	-0.422



TARGET APPROX 1/2 SCALE

Scope II
1184

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225311

OP.#	OP. NAME	READINGS	DATE	INITIAI
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	RJC
	Magnaflux Bolt		9-14-88	RJC
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A)Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/7/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/7/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		8NOV88	JH
	F) Safety on Force	4 4 4	14NOV88	JH
	G) Safety off Force	3 3 3	14NOV88	JH
	H) Trigger Pull Test & Retainabilty		8NOV88	JH
	I) Firing Pin Indent	.020 .020 .020	14NOV88	JH
	J) Assemble Stock		11/14/88	RW
	K) Assemble Swivel Studs		30NOV88	JH
	L) Attach Front & Rear Sight Assemblies		11/14/88	RW
	M) Iron Sight Alignment		11/14/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/14/88	RW
	0) Attach Scope to Rifle		11/14/88	W.B.
	P) Detach & Attach Scope 20 times		11/14/88	W.B.
640	Gallery Target & Test	57R 96L	11/16/88	DH
	A) Optical Clearity of Scope		11/16/88	DH
645	Inspect for Live Ammo		11/16/88	DH
655	Final Inspection A) Headspace		30NOV88	JH
	B) Trigger Pull		30NOV88	JH
	C) Function		30NOV88	JH
660	Pack		15Dec88	JH

6.2

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6226311

DATE 11-8-88

TESTER J.V.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.47	2.58	2.64	MIN. SETTING,
PULL #2	2.54	2.50	2.59	2.67	NO AVG. OF 5
PULL #3	2.53	2.49	2.57	2.65	READINGS ACCEPT-
PULL #4	2.52	2.48	2.63	2.61	ABLE LESS THAN 2#
PULL #5	2.51	2.51	2.59	2.65	
TOTAL	12.61	12.45	12.96	13.22	
AVG.	2.522	2.490	2.592	2.644	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.08		
PULL #2	3.15	3.11		
PULL #3	3.13	3.11		
PULL #4	3.15	3.12		
PULL #5	3.10	3.13		
TOTAL	15.63	15.55		
AVG.	3.126	3.110		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.26		4.05
PULL #2	4.33	4.37		4.16
PULL #3	4.31	4.27		4.18
PULL #4	4.31	4.34		4.20
PULL #5	4.30	4.27		4.23
TOTAL	21.63	21.51		20.82
AVG.	4.326	4.302		4.164

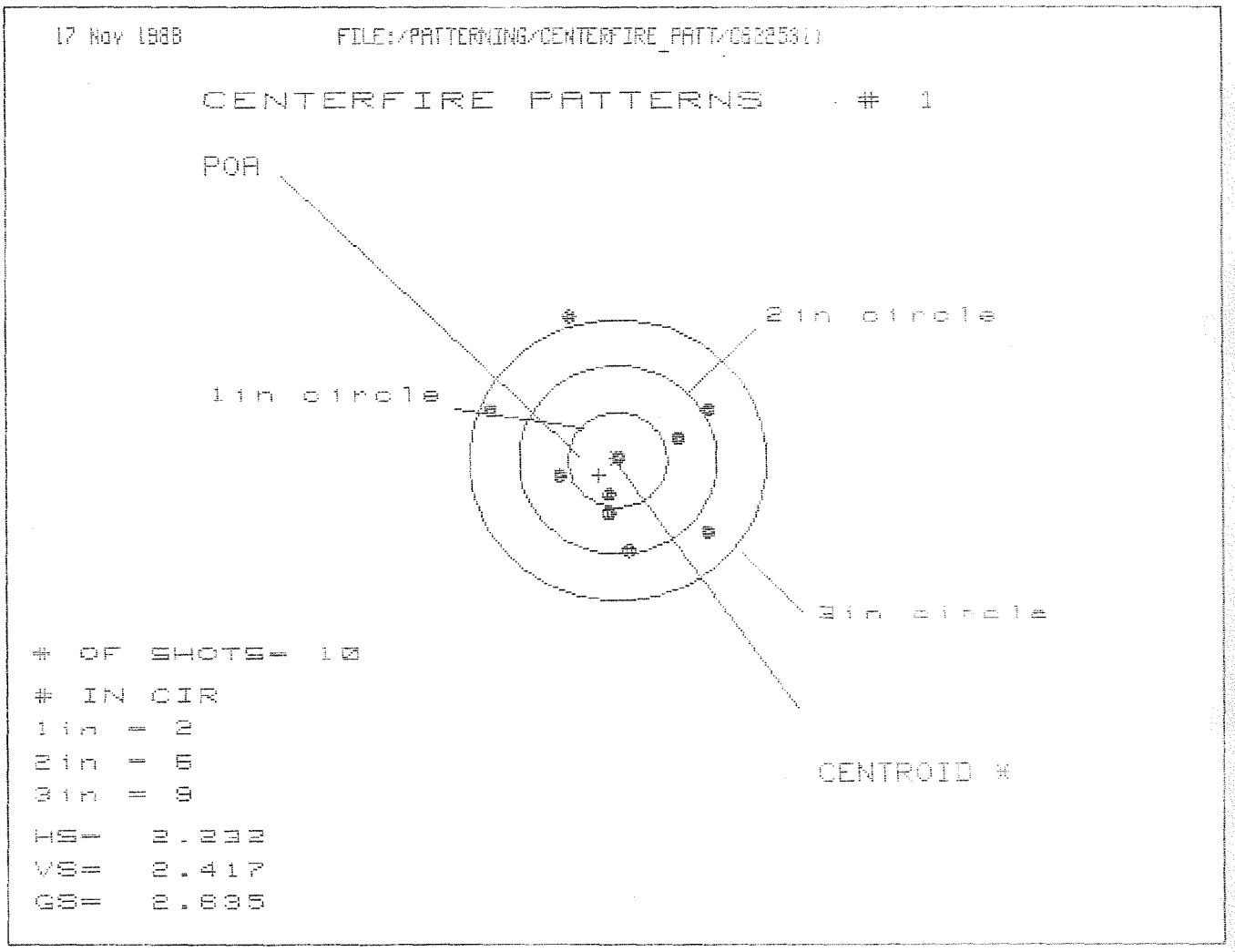
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225311

CENTROIDAL DISTANCES

0	TO	1	.250138
1	TO	2	.280863
1	TO	3	.237968
1	TO	4	.124101
1	TO	5	.405031

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115708

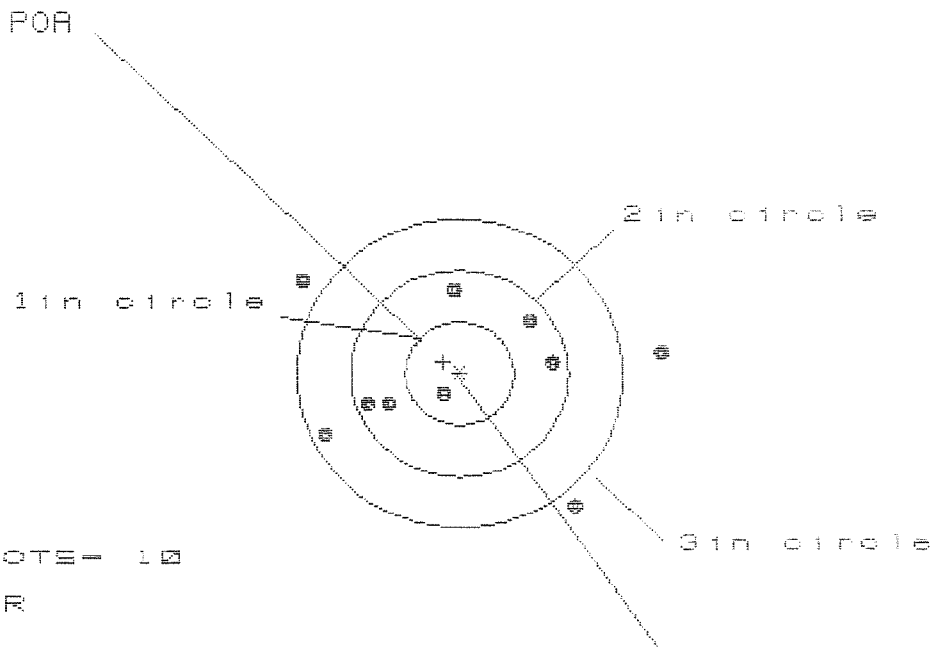
THE AMR FOR THIS RIFLE IS: .9682



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.929	.873	.703
MINIMUM X	:	-1.303	-1.359	-.815
MAXIMUM Y	:	1.489	.707	.788
MINIMUM Y	:	-.928	-.762	-.674
CENTROID X	:	.188	.244	.414
CENTROID Y	:	.165	-.001	-.089
POA TO CENTROID in.	:	.250	.244	.423
MIN RADIUS	:	.043	.170	.302
MEAN RADIUS	:	.843	.736	.637
MAX RADIUS	:	1.571	1.532	1.056
HORIZONTAL SPREAD	:	2.232	2.232	1.518
VERTICAL SPREAD	:	2.417	1.469	1.462
EXTREME SPREAD	:	2.635	2.542	1.699
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/CS225311

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

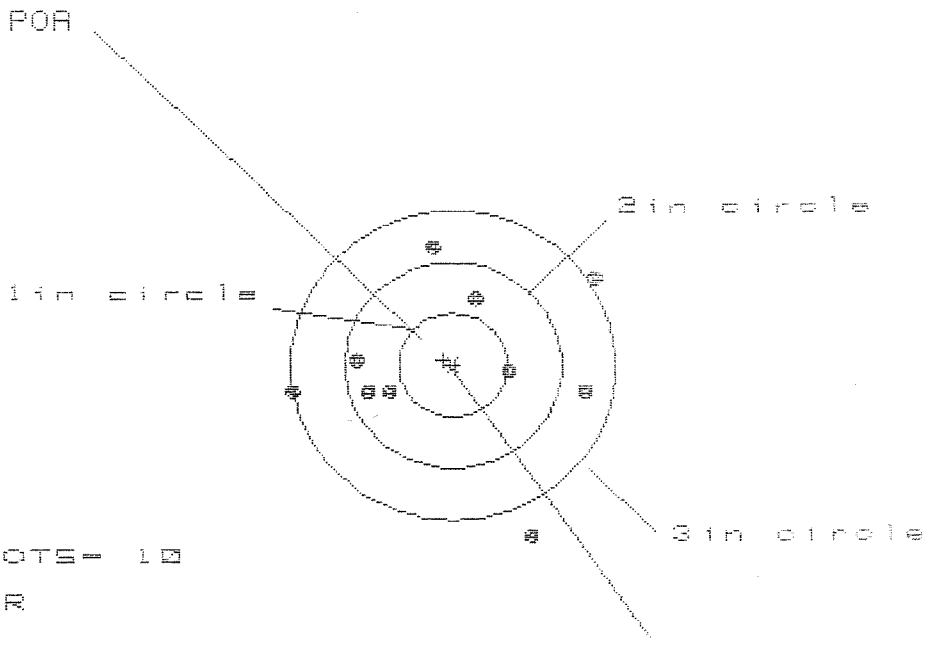
# IN CIR
1in = 1
2in = 6
3in = 7

HS= 3.258
VS= 2.199
GS= 3.334

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.845	1.281	1.130
MINIMUM X	:	-1.413	-1.208	-1.230
MAXIMUM Y	:	.921	.945	.906
MINIMUM Y	:	-1.278	-1.254	-1.136
CENTROID X	:	.148	-.057	.094
CENTROID Y	:	-.113	-.137	-.255
POA TO CENTROID in.	:	.186	.148	.272
MIN RADIUS	:	.238	.183	.099
MEAN RADIUS	:	1.095	.982	.910
MAX RADIUS	:	1.857	1.793	1.602
HORIZONTAL SPREAD	:	3.258	2.489	2.360
VERTICAL SPREAD	:	2.199	2.199	2.042
EXTREME SPREAD	:	3.334	3.321	2.454
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

17 Nov 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C822538[1]

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

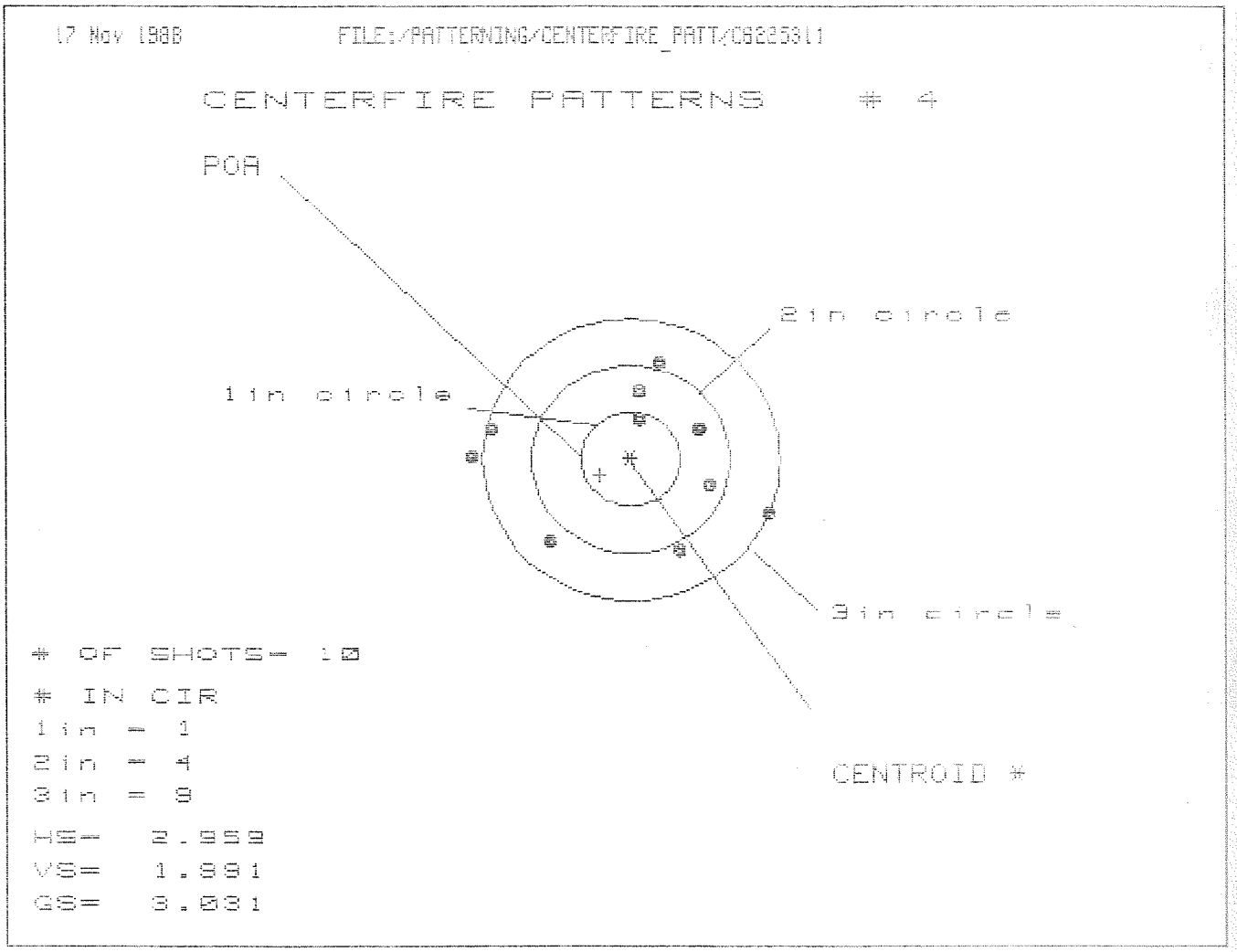
# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.748
VS= 2.799
GS= 2.939

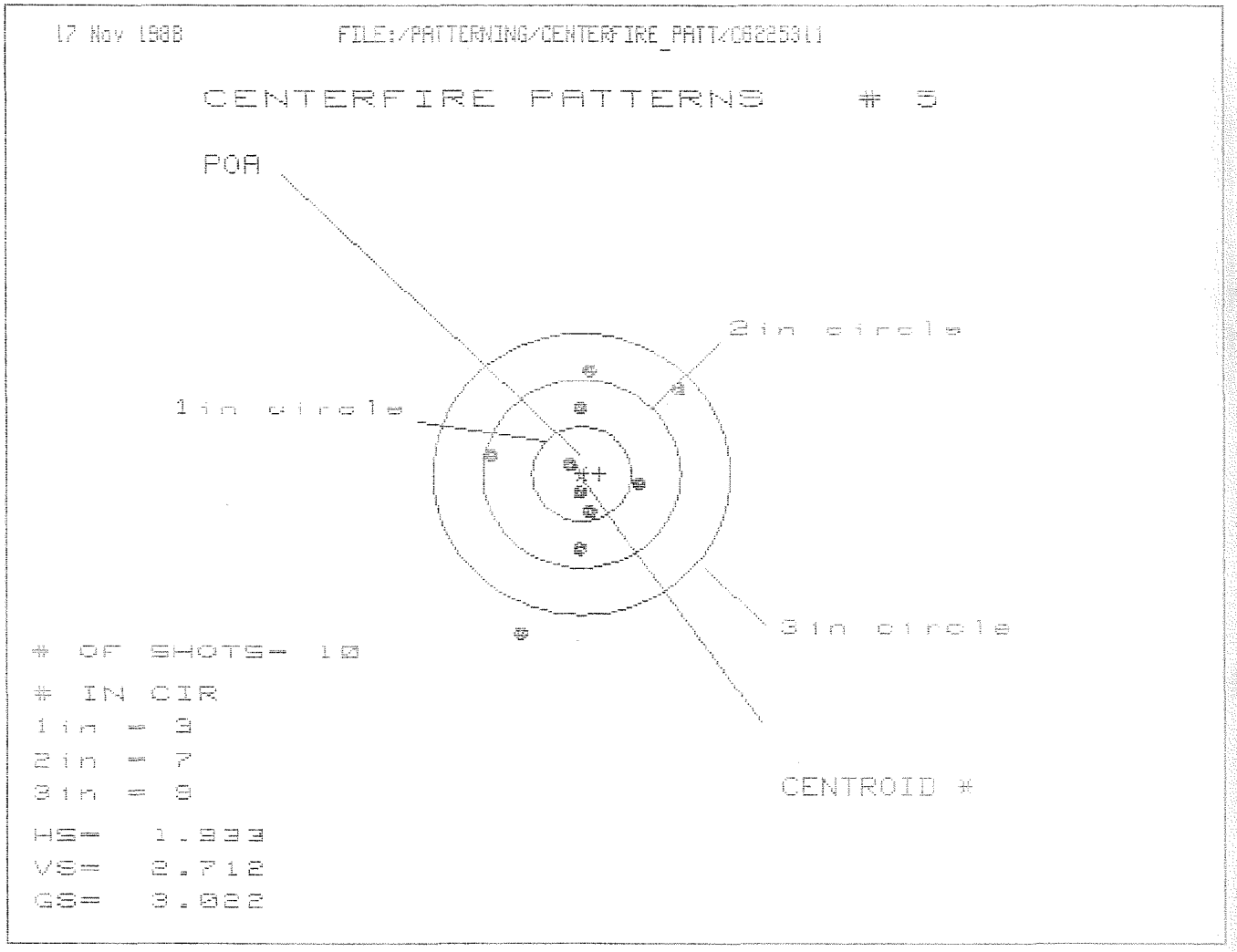
PATTERN # : 3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.288	1.363	1.411
MINIMUM X	-1.460	-1.385	-1.214
MAXIMUM Y	1.182	1.002	1.080
MINIMUM Y	-1.617	-.458	-.380
CENTROID X	.086	.011	-.160
CENTROID Y	-.050	.130	.052
POA TO CENTROID in.	.099	.131	.168
MIN RADIUS	.472	.559	.492
MEAN RADIUS	1.058	.965	.872
MAX RADIUS	1.754	1.501	1.452
HORIZONTAL SPREAD	2.748	2.748	2.625
VERTICAL SPREAD	2.799	1.460	1.460
EXTREME SPREAD	2.939	2.939	2.625

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.349	1.170	.705
MINIMUM X	:	-1.610	-1.550	-1.404
MAXIMUM Y	:	.993	1.000	.925
MINIMUM Y	:	-.998	-.991	-1.066
CENTROID X	:	.312	.491	.345
CENTROID Y	:	.170	.163	.238
POA TO CENTROID in.	:	.355	.518	.419
MIN RADIUS	:	.398	.413	.327
MEAN RADIUS	:	1.048	.953	.906
MAX RADIUS	:	1.611	1.590	1.431
HORIZONTAL SPREAD	:	2.959	2.720	2.109
VERTICAL SPREAD	:	1.991	1.991	1.991
EXTREME SPREAD	:	3.031	2.880	2.326
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.980	.911	.618
MINIMUM X	:	-.953	-1.022	-.988
MAXIMUM Y	:	1.061	.878	.969
MINIMUM Y	:	-1.651	-.938	-.847
CENTROID X	:	-.181	-.112	-.226
CENTROID Y	:	-.002	.181	.099
POA TO CENTROID in.	:	.181	.213	.243
MIN RADIUS	:	.151	.156	.050
MEAN RADIUS	:	.797	.696	.609
MAX RADIUS	:	1.763	1.168	.975
HORIZONTAL SPREAD	:	1.933	1.933	1.526
VERTICAL SPREAD	:	2.712	1.816	1.816
EXTREME SPREAD	:	3.022	2.045	1.818
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS: M24 W/ULTRA 10X-M3A SCOPE, BROKEN BIPOD, AND DEPLOYMENT KIT Scope S/N 88 1130

ORDER: R 96-17175

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/24/96	07/24/96	DI 9-88	C6225311		700 7.62 NATO

ACCESSORIES: SLING STRAP W/STUDS W/SWIVELS SCOPE MNTS SCOPE BASE W/HARD CASE

FROM:

CDR 1/75TH RGR REGT
ATTN PBO CW3 HUMES
HAAF GA 31409

SHIP TO:

CDR 1/75TH RGR REGT
ATTN PBO CW3 HUMES
HAAF GA 31409

CUST NO: 119494 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					R646169641

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

W52H096243H242

PARTS

Barrel 96003
Stock 96018
Bi-pod - 96117

COMMENTS

Refinish Coat Trigger Guard Assy, Front & Rear Sight Bases
Reblue Scope Base Rings Swivels & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	9/9/96	9/24/96	9/27/96	9/27/96	

OFFICE COPY

RD6925 REV. 1/94

*U.S.GPO:1994-381-861

MAINTENANCE REQUEST

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

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

DEPARTMENT OF THE ARMY
CDR 1/75 RGR
ATTN: PRO CW3 HUMES
HUNTER AAF, GA 31409-5120
OFFICIAL BUSINESS
5120

58

See DA Pamphlets 738-750 and

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
WH3LAA.0	A 1/75 RGR	5572

2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSE

SECT

5. TYPE MNT REQ CODE	6. ID	7. NSN
		1005012402136

8. MODEL	M24
9. NOUN	7.62 SNIPER RIF

10a ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
C6225319	01	02

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

15. 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*)

BARREL LIFE EXPIRED W/BIPOD SCOPE 10X

25. REMARKS SER# C6225319 CLEANING KIT, CARRY/KILL/UPER STOCK
R95387 POC SSG MASON DSN 971 5572

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.

SSG MASON

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

34b. DATE	35b. STATUS	35d. TIME
96201		

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

DATE: 07/19/96 ASSET ADJUSTMENT TIME: 10:57:02

KEY IN DATA

(01-03)	DIC.....	ZRI
(04-09)	UIC.....	WH3LA0
(10)	PBIC.....	8
(11-16)	LIN/NSLIN.....	R95387
(17-22)	SUBLIN/SUBNSLIN.....	
(23-37)	NSN/MCN.....	1005012402136
(38-39)	EQUIPMENT CONC SITE.....	
(43-50)	DOCUMENT NUMBER.....	6201-0001
(51-54)	FORM NUMBER.....	2765
(55)	TYPE CHANGE CD.....	3
(56-60)	QUANTITY.....	1
(61-66)	GAIN/LOSING DODAAC.....	W33GJ1
(80)	TYPE ACTION CD.....	D

PRESS ENTER

LAST AUTOMATED DOCUMENT NUMBER WAS 62010000
WARNING LEAVE DOCUMENT NUMBER BLANK FOR AUTOMATED FUNCTION
ACTION: SCREEN 648
PRESS (ALT-H) = HELP, RETURN = PREVIOUS MENU, MENU = TOP MENU, SO = STOP

DATE: 07/19/96 ASSET ADJUSTMENT TIME: 10:59:11

KEY IN DATA

(01-03)	DIC.....	ZRI
(04-09)	UIC.....	WH3LA0
(10)	PBIC.....	8
(11-16)	LIN/NSLIN.....	R95387
(17-22)	SUBLIN/SUBNSLIN.....	
(23-37)	NSN/MCN.....	1005012402136
(38-39)	EQUIPMENT CONC SITE.....	
(43-50)	DOCUMENT NUMBER.....	6201-0002
(51-54)	FORM NUMBER.....	2765
(55)	TYPE CHANGE CD.....	3
(56-60)	QUANTITY.....	1
(61-66)	GAIN/LOSING DODAAC.....	W33GJI
(80)	TYPE ACTION CD.....	I

PRESS ENTER

LAST AUTOMATED DOCUMENT NUMBER WAS 62010001
WARNING LEAVE DOCUMENT NUMBER BLANK FOR AUTOMATED FUNCTION
ACTION: SCREEN 648
PRESS (ALT-H) = HELP, RETURN = PREVIOUS MENU, MENU = TOP MENU, SO = STOP


M24
work order
5504

WEAPON RECORD DATA

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

REQUIREMENT CONTROL SYMBOL CSGLD—1051

1. TUBE SERIAL NO.	2. CANNON TYPE, MODEL OR SERIES	3. ORGANIZATION *(UIC)*	4. SPECIAL LIFE DATA
C6225311*	M24 7.62 SWS	WH3 HAD A60475	10,000 rd.

5. END ITEM IDENTIFICATION	6. RDS/EFC COMPUTATION
Sniper Weapon System	N/A

7. CANNON SERIAL NO.	8. RETUBINGS	9. REBUSHINGS
	N/A	N/A

10. Date *a*	Projectile Type *b*	Zone or Charge *c*	Rounds Fired *d*	EFC RDS Fired *e*	Cumulative RDS Fired *f*	Cumulative EFC RDS *g*	Remaining Life (EFC RDS) *h*	Remarks: Recoil Exercise (RE), Gage or Velocity Reading, Safety Inspection (SI) *i*	Signature *j*
10Apr 96	*(Previous DA Form 2408-4 final entries)*				9951		49		J.OBrien CPT
May 96	M118 7.62		80		10031		∅		Albert A Byrne SFC
					10 June 96				J.O'Brien CPT

CONTINUE ON REVERSE

DA FORM 1 JAN 79 **2408-4**

EDITION OF 1 DEC 77 WILL BE USED

10.

Date *a*	Projectile Type *b*	Zone or Charge *c*	Rounds Fired *d*	EFC RDS Fired *e*	Cumulative RDS Fired *f*	Cumulative EFC RDS *g*	Remaining Life (EFC RDS) *h*	Remarks: Recoil Exercise (RE), Gage or Velocity Reading, Safety Inspection (SI) *i*	Signature *j*

NOTE: START A NEW FORM BEFORE MAILING THIS ONE

GPO : 1990 O - 268-783

21 DAY TURN - AROUND Barrel & Stock

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

R&E NO. **SERIAL NO.** C6225311

		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	9/9/96	RW
605		CHECK HEADSPACE	9/9/96	RW
610		DIS-ASSEMBLE		
612		MAGNAFLUX		
615		ROLLMARK CALIBER		
618		ROTO-BLAST		
620		APPLY COATINGS		
625	A	FINAL ASSEMBLY	9/24/96	RW
	B	TRIGGER PULL TEST		
	C	SAFETY ON FORCE		
	D	SAFETY OFF FORCE		
	E	FIRING PIN INDENT		
640		TARGET	9/27/96	AT
655		FINAL INSPECT	10/1/96	RW
660		PACK		
		QAR INSPECTION	SHIP DATE	

SWS/Repair

Final Inspection

Sn: C6225311 | Date Rec'd: 7/24/96 | Date Ret'd:

Auditor: AW

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
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225311
4 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	.176182
1	TO	2	.375293
1	TO	3	.261905
1	TO	4	.360451
1	TO	5	.4414

5 3/4 2 <-----POA

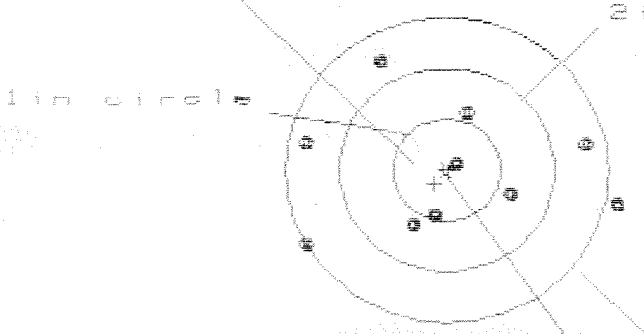
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0648
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0744
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0986631

THE AMR FOR THIS RIFLE IS: .9452

4 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225311

CENTERFIRE PATTERNS # 1

POA

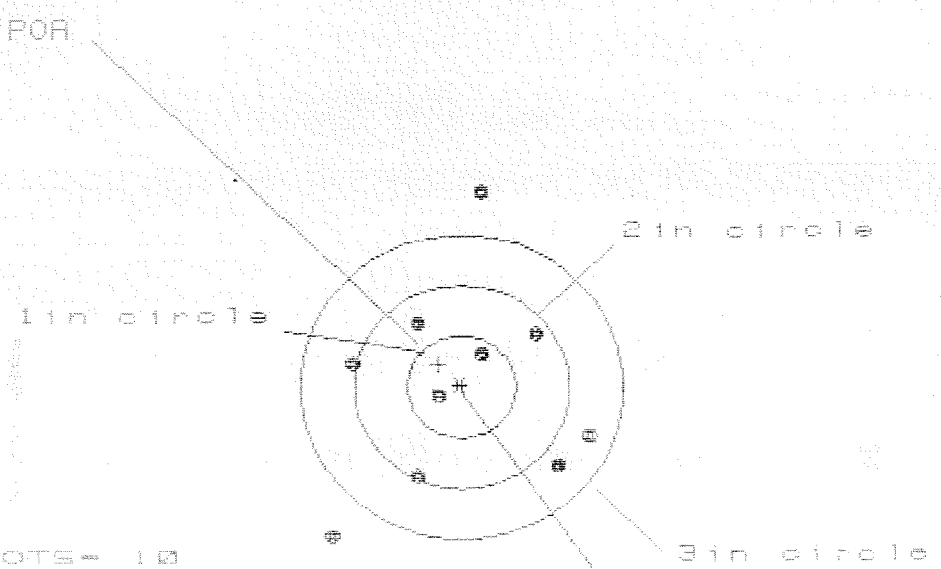


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 5
3in = 9
HS= 2.881
VS= 1.790
GS= 2.951

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.500	1.480	1.341
MINIMUM X	:	-1.301	-1.125	-1.264
MAXIMUM Y	:	1.041	1.001	.902
MINIMUM Y	:	-.749	-.789	-.697
CENTROID X	:	.112	-.064	.074
CENTROID Y	:	.136	.176	.275
POA TO CENTROID in.	:	.176	.187	.285
MIN RADIUS	:	.152	.300	.164
MEAN RADIUS	:	.949	.882	.802
MAX RADIUS	:	1.622	1.503	1.352
HORIZONTAL SPREAD	:	2.881	2.605	2.605
VERTICAL SPREAD	:	1.790	1.790	1.599
EXTREME SPREAD	:	2.951	2.793	2.605
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

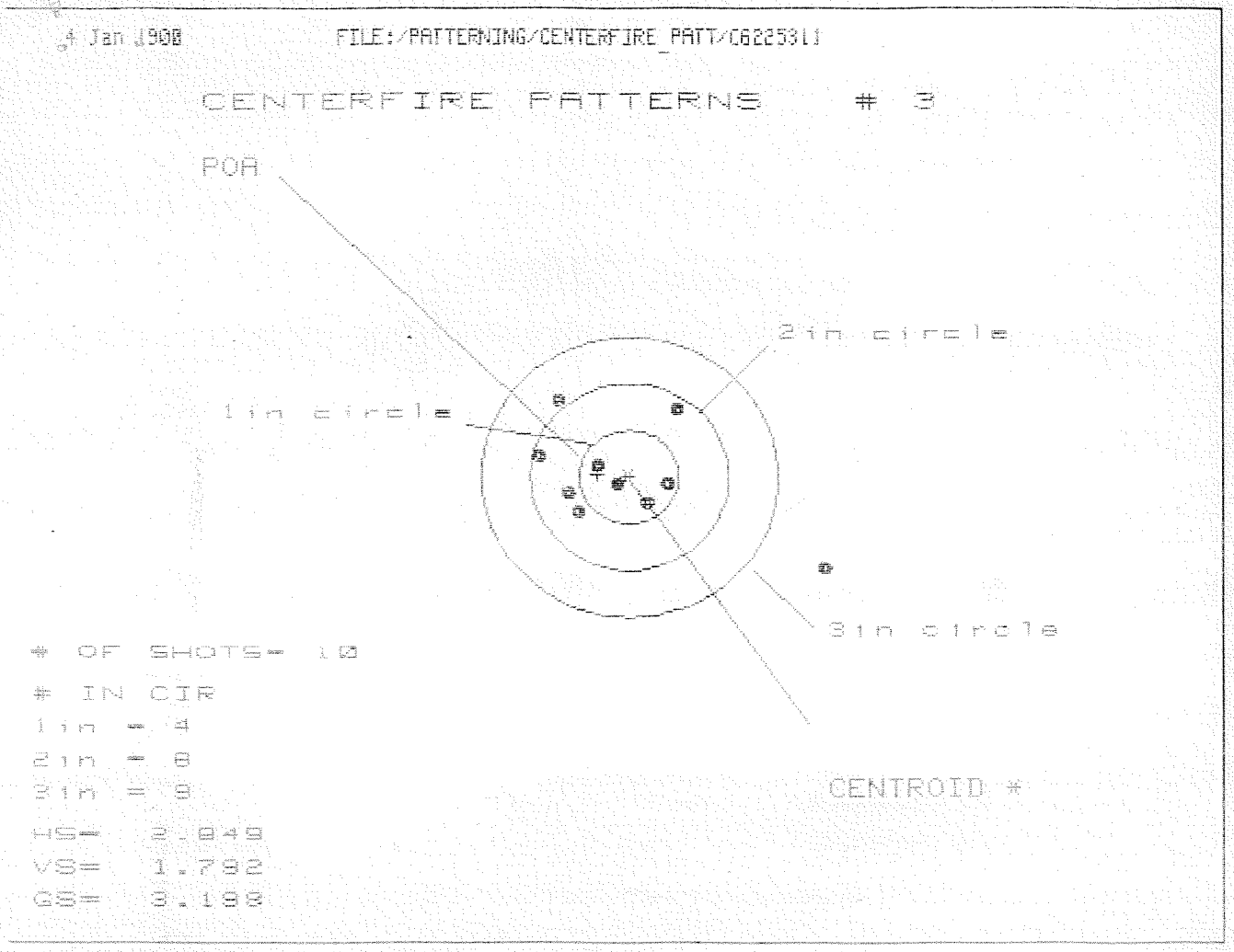
4 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/CG225311

CENTERFIRE PATTERNS # 2



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= 2.389
VS= 3.421
GS= 3.670

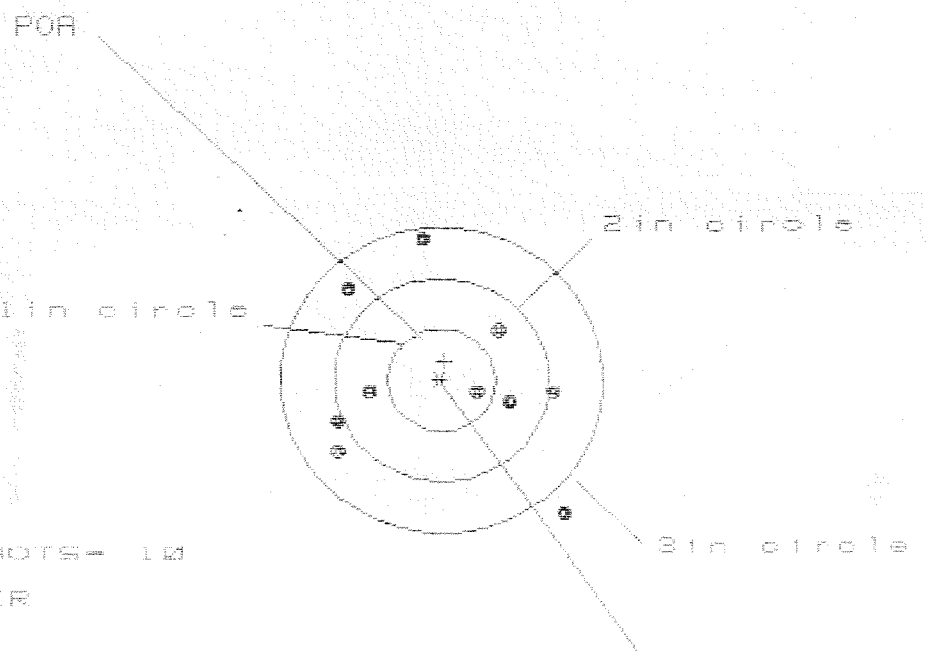
PATTERN #	:	2	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.222	1.240	1.096
MINIMUM X	:	-1.167	-1.149	-1.096
MAXIMUM Y	:	1.913	.865	.704
MINIMUM Y	:	-1.508	-1.296	-.817
CENTROID X	:	.211	.193	.337
CENTROID Y	:	-.226	-.438	-.276
POA TO CENTROID in.	:	.309	.479	.436
MIN RADIUS	:	.164	.235	.289
MEAN RADIUS	:	1.050	.967	.844
MAX RADIUS	:	1.920	1.732	1.183
HORIZONTAL SPREAD	:	2.389	2.389	2.192
VERTICAL SPREAD	:	3.421	2.161	1.520
EXTREME SPREAD	:	3.670	2.769	2.307
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.944	.694	.633
MINIMUM X	:	-.905	-.689	-.750
MAXIMUM Y	:	.825	.717	.713
MINIMUM Y	:	-.967	-.484	-.394
CENTROID X	:	.317	.101	.162
CENTROID Y	:	-.027	.081	-.009
POA TO CENTROID in.	:	.318	.129	.163
MIN RADIUS	:	.125	.105	.131
MEAN RADIUS	:	.747	.559	.505
MAX RADIUS	:	2.171	.933	.933
HORIZONTAL SPREAD	:	2.849	1.383	1.383
VERTICAL SPREAD	:	1.792	1.201	1.107
EXTREME SPREAD	:	3.198	1.483	1.483
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

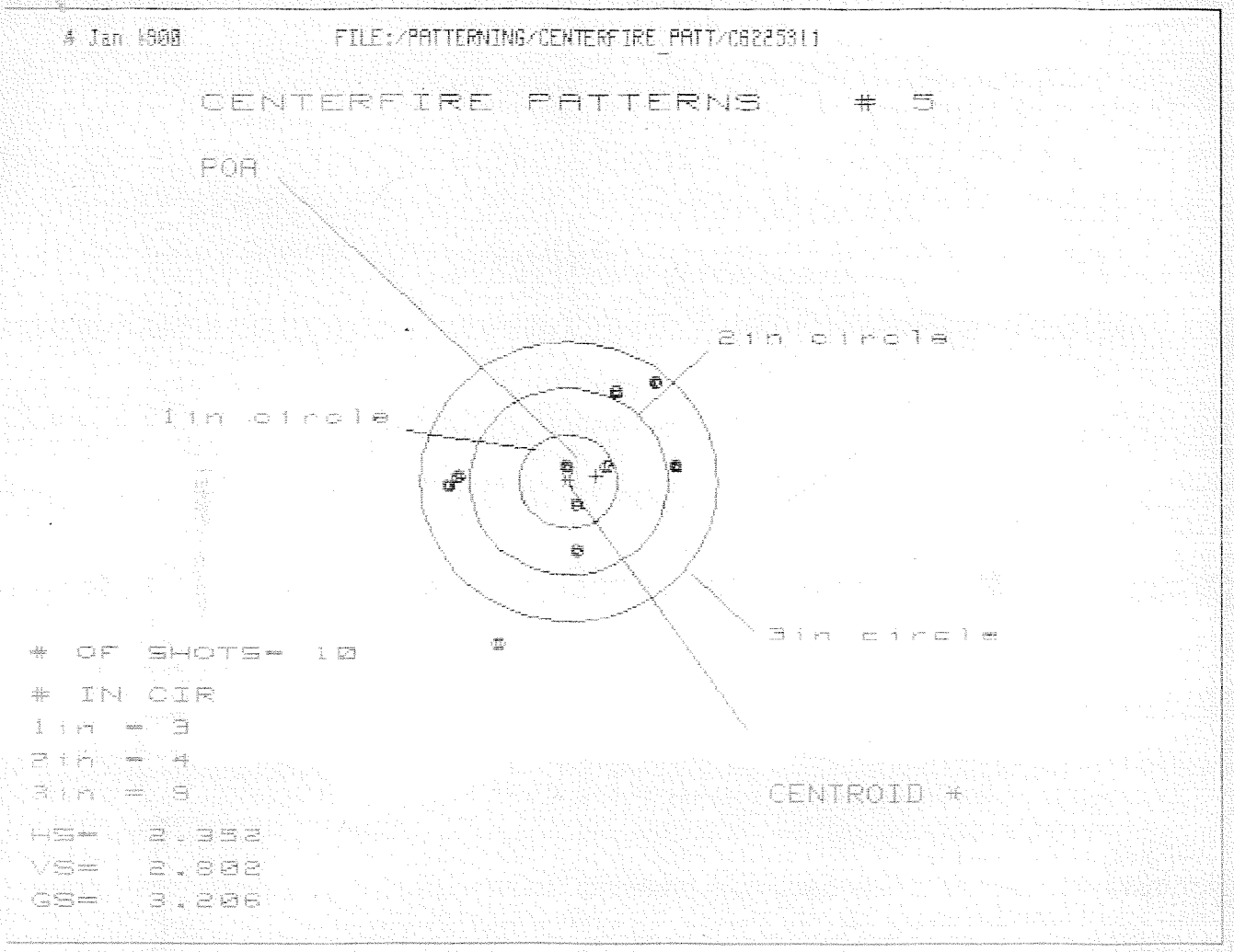
9 Jan 0908 FILE:/PATTERNING/CENTERFIRE_PATT/C6225311

CENTERFIRE PATTERNS # 4



# OF SHOTS= 10
# IN CIR
1in = 1
2in = 4
3in = 8
HS= 2.118
VS= 2.748
GS= 3.040

PATTERN #	:	4	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.103	1.193	1.184
MINIMUM X	:	-1.015	-.893	-.902
MAXIMUM Y	:	1.436	1.290	.956
MINIMUM Y	:	-1.312	-.857	-.696
CENTROID X	:	-.033	-.155	-.146
CENTROID Y	:	-.194	-.048	-.209
POA TO CENTROID in.	:	.196	.162	.255
MIN RADIUS	:	.380	.545	.488
MEAN RADIUS	:	1.022	.946	.886
MAX RADIUS	:	1.714	1.292	1.208
HORIZONTAL SPREAD	:	2.118	2.086	2.086
VERTICAL SPREAD	:	2.748	2.147	1.652
EXTREME SPREAD	:	3.040	2.274	2.174
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.098	1.023	1.123
MINIMUM X	:	-1.254	-1.329	-1.229
MAXIMUM Y	:	1.093	.904	.890
MINIMUM Y	:	-1.709	-.948	-.835
CENTROID X	:	-.283	-.208	-.306
CENTROID Y	:	-.061	.128	.016
POA TO CENTROID in.	:	.290	.244	.308
MIN RADIUS	:	.209	.058	.139
MEAN RADIUS	:	.958	.835	.792
MAX RADIUS	:	1.839	1.344	1.232
HORIZONTAL SPREAD	:	2.352	2.352	2.352
VERTICAL SPREAD	:	2.802	1.852	1.725
EXTREME SPREAD	:	3.206	2.400	2.359
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	