C6348812

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

M2400064778

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: RE00142398

Verify Repair

Serial: C6348812 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1989

Repairman:

Status: Closed 3/3/2008 3:02:24 PM

Address Information

Customer: (Received From)	Return To: (Received From)
Name:	
Address 1:	
Address 2: PO Box:	PO Box:
City: FORT BRAGG	FORT BRAGG
State: NC Zip Code: 28310 Country: US	State: NC Zip Code: 28310 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	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj 3/4/2008 9:17 AM CAPS NUM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348812.__0
FILE DATE AND TIME: 04/08/2008 14:13

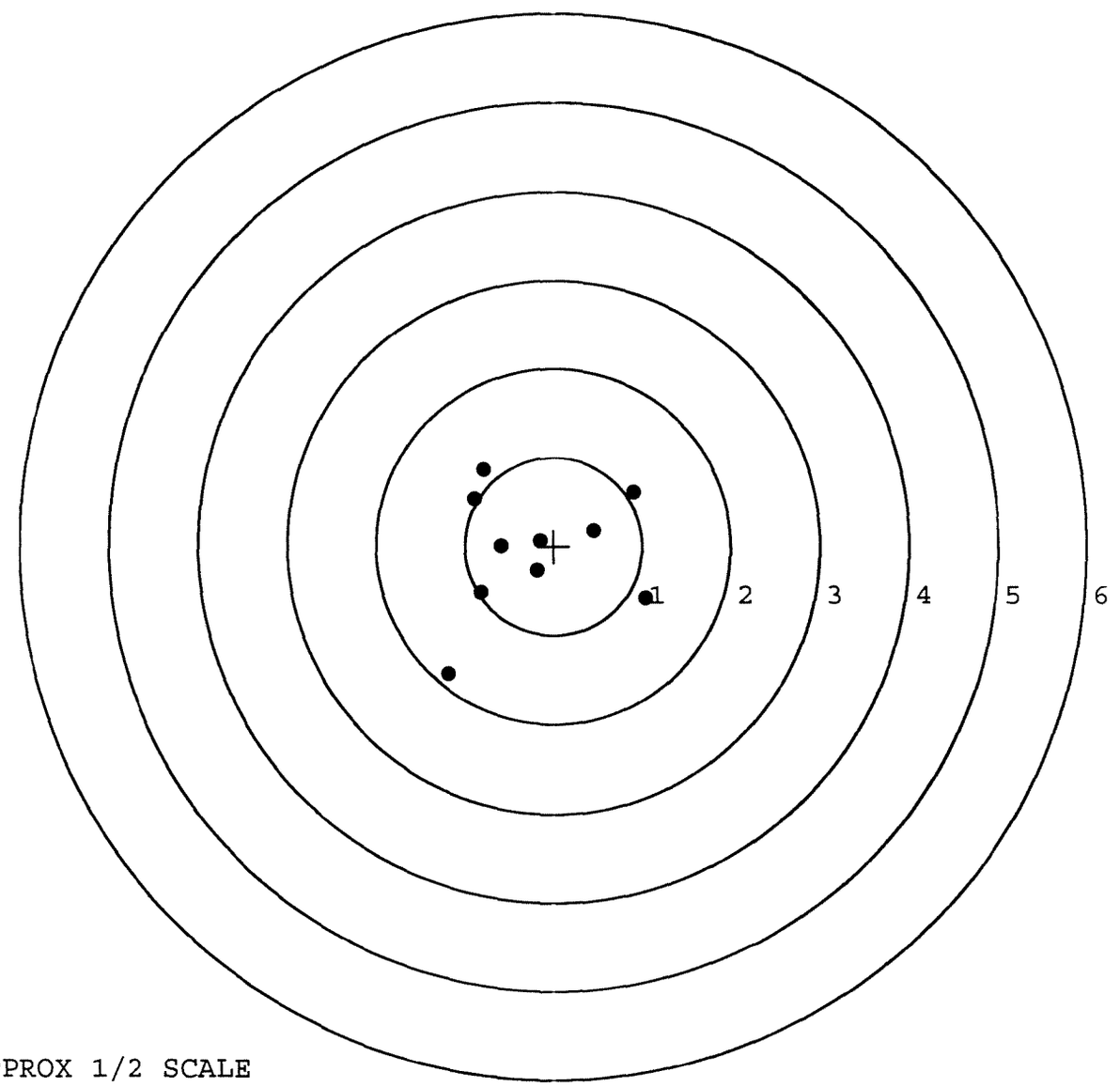
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.026
The Average Y Centroid of the Five Target Set:	0.007
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.747
The Distance from POA to Centroid Target #1:	0.233
The Distance from Centroid Target #2 to Centroid Target #1:	0.414
The Distance from Centroid Target #3 to Centroid Target #1:	0.335
The Distance from Centroid Target #4 to Centroid Target #1:	0.330
The Distance from Centroid Target #5 to Centroid Target #1:	0.376

SERIAL NUMBER: C6348812.__0
TARGET NUMBER: 1
FILE DATE: 04/08/2008
FILE TIME: 14:13

X CENTROID:	-0.225
Y CENTROID:	-0.061
POA TO CENTROID:	0.233
HORZ SPREAD:	2.235
VERT SPREAD:	2.302
GROUP SPREAD:	2.937
MIN RADIUS:	0.141
MAX RADIUS:	1.690
MEAN RADIUS:	0.856
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.790	0.858
2:	-0.895	0.531
3:	-0.599	-0.006
4:	-0.160	0.064
5:	-0.188	-0.279
6:	-0.821	-0.527
7:	-1.196	-1.444
8:	0.902	0.612
9:	0.456	0.177
10:	1.039	-0.593

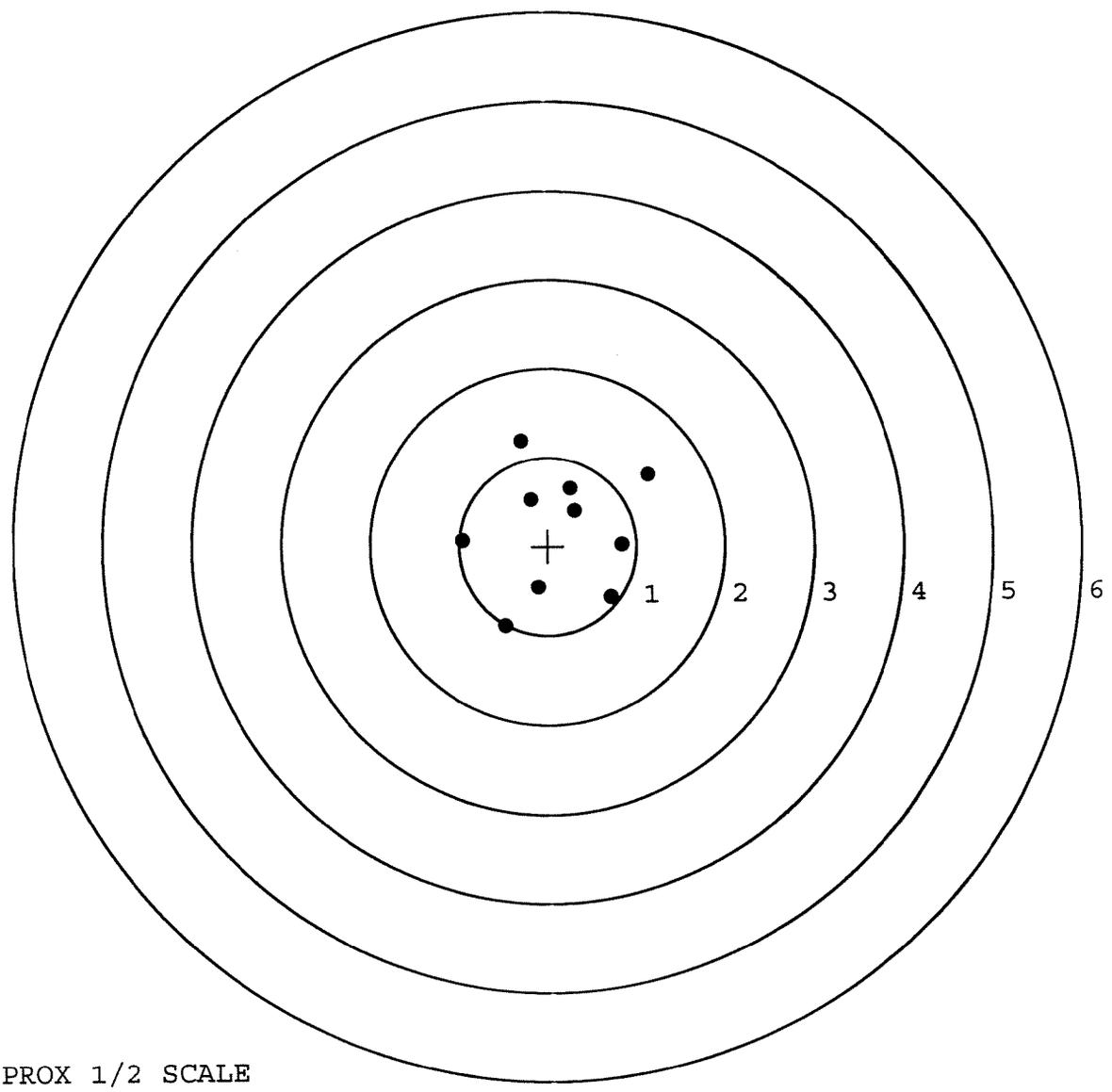


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348812.__0
TARGET NUMBER: 2
FILE DATE: 04/08/2008
FILE TIME: 14:13

X CENTROID:	0.120
Y CENTROID:	0.168
POA TO CENTROID:	0.206
HORZ SPREAD:	2.101
VERT SPREAD:	2.077
GROUP SPREAD:	2.348
MIN RADIUS:	0.298
MAX RADIUS:	1.225
MEAN RADIUS:	0.825
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.139	0.797
2:	0.310	0.397
3:	0.260	0.648
4:	-0.188	0.524
5:	-0.297	1.183
6:	-0.962	0.068
7:	-0.114	-0.473
8:	-0.490	-0.894
9:	0.835	0.014
10:	0.710	-0.586

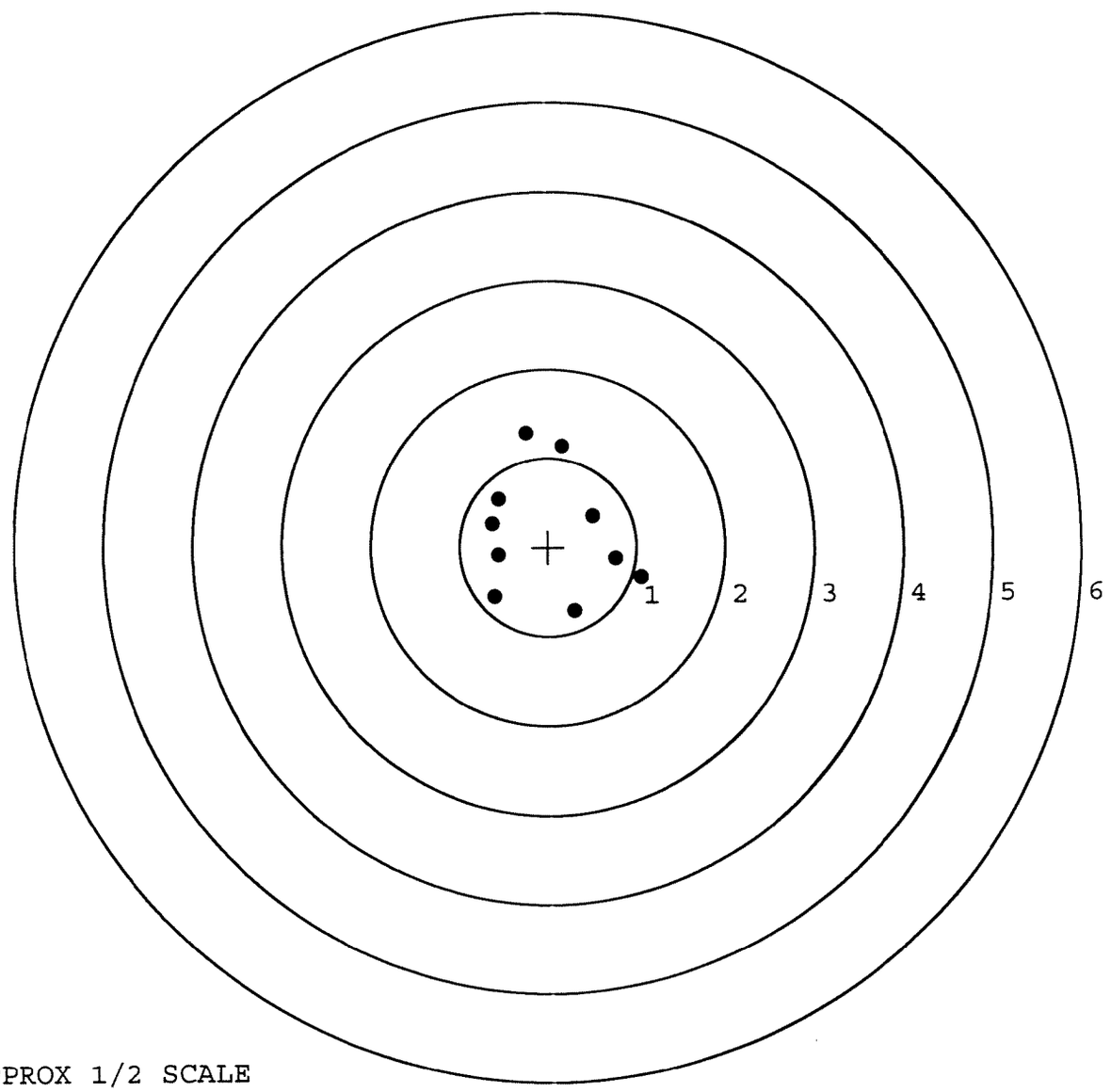


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348812.__0
TARGET NUMBER: 3
FILE DATE: 04/08/2008
FILE TIME: 14:13

X CENTROID:	0.019
Y CENTROID:	0.168
POA TO CENTROID:	0.170
HORZ SPREAD:	1.681
VERT SPREAD:	1.998
GROUP SPREAD:	2.080
MIN RADIUS:	0.519
MAX RADIUS:	1.155
MEAN RADIUS:	0.847
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.245	1.275
2:	0.171	1.133
3:	-0.558	0.534
4:	-0.631	0.264
5:	-0.562	-0.093
6:	-0.608	-0.560
7:	0.300	-0.723
8:	0.508	0.343
9:	0.766	-0.135
10:	1.050	-0.353

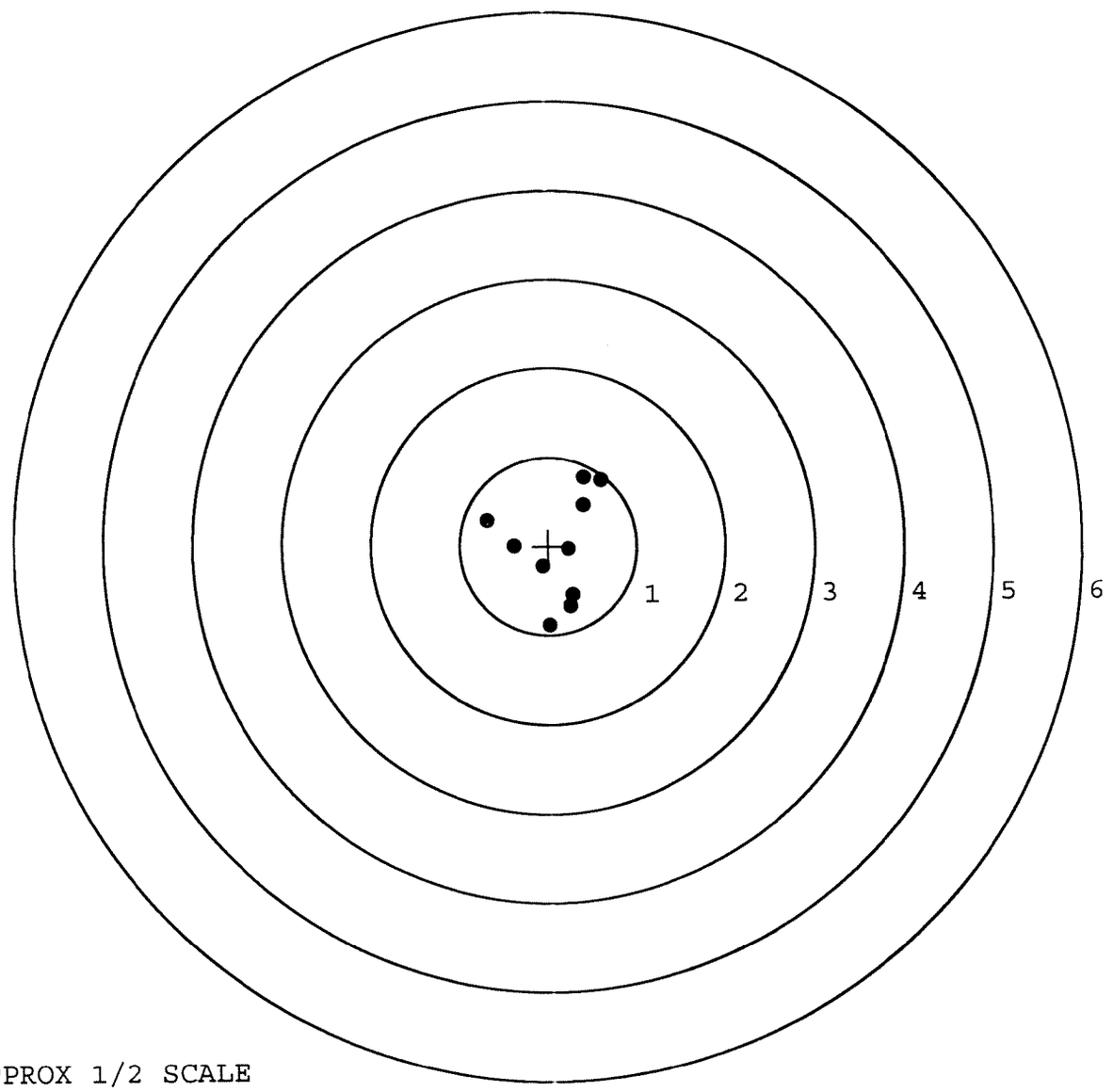


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348812.__0
TARGET NUMBER: 4
FILE DATE: 04/08/2008
FILE TIME: 14:13

X CENTROID:	0.101
Y CENTROID:	-0.015
POA TO CENTROID:	0.103
HORZ SPREAD:	1.294
VERT SPREAD:	1.662
GROUP SPREAD:	1.736
MIN RADIUS:	0.130
MAX RADIUS:	0.903
MEAN RADIUS:	0.618
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.409	0.767
2:	0.603	0.736
3:	0.401	0.454
4:	-0.691	0.290
5:	-0.392	0.006
6:	0.229	-0.038
7:	-0.073	-0.229
8:	0.275	-0.555
9:	0.247	-0.682
10:	0.007	-0.895

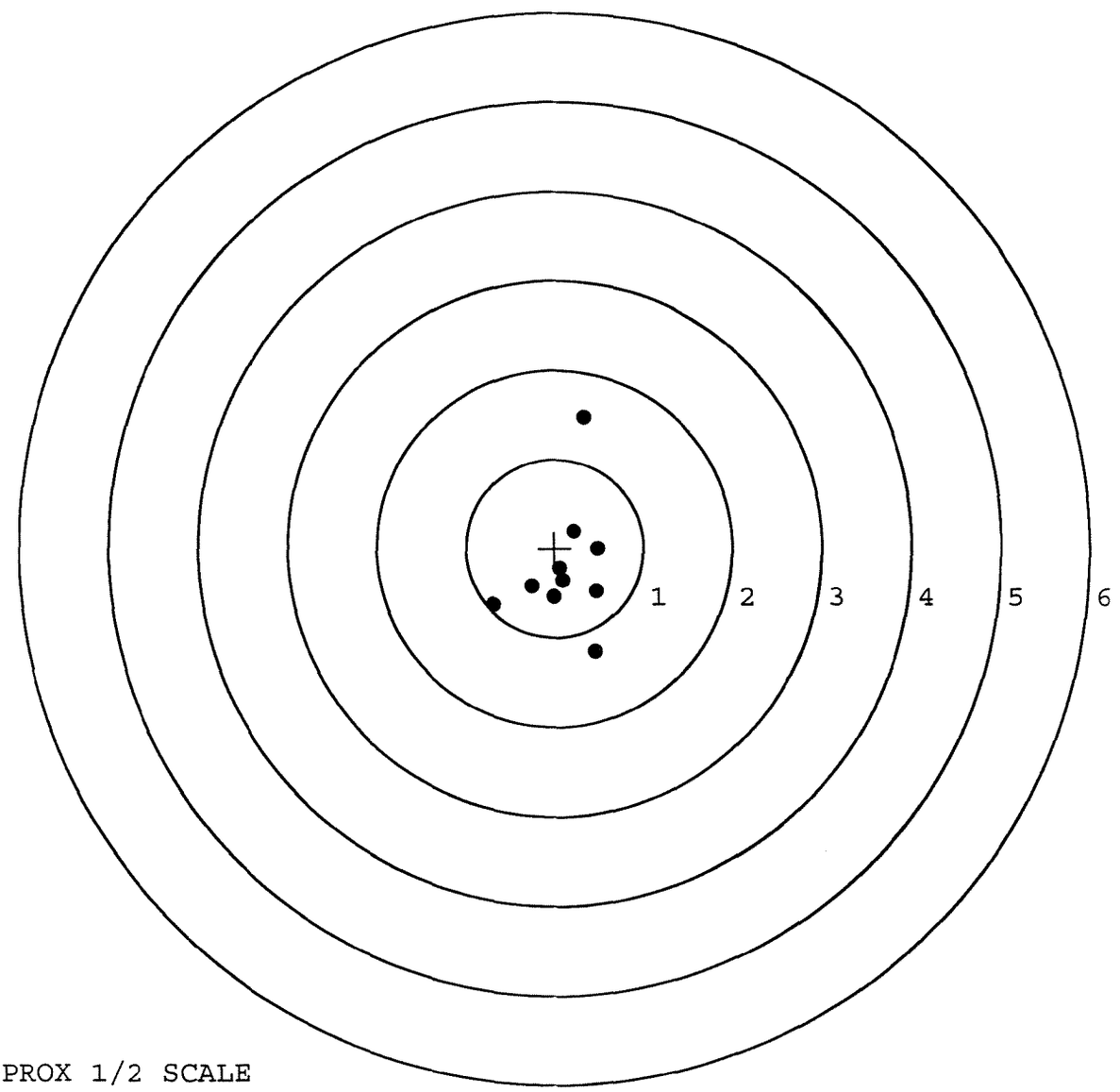


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348812.__0
TARGET NUMBER: 5
FILE DATE: 04/08/2008
FILE TIME: 14:13

X CENTROID:	0.113
Y CENTROID:	-0.224
POA TO CENTROID:	0.251
HORZ SPREAD:	1.182
VERT SPREAD:	2.634
GROUP SPREAD:	2.637
MIN RADIUS:	0.058
MAX RADIUS:	1.706
MEAN RADIUS:	0.591
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.333	1.468
2:	0.215	0.189
3:	0.486	-0.013
4:	0.056	-0.230
5:	0.092	-0.370
6:	-0.019	-0.550
7:	-0.265	-0.434
8:	-0.696	-0.644
9:	0.472	-0.489
10:	0.459	-1.166



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00142398

SERIAL NUMBER C6348812

LOG-IN DATE 3-3-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-11-08	L.P.D.
505	RE-BARREL		3-12-08	L.P.D.
560	ASSEMBLE		3-12-08	L.P.D.
600	PROOF	MAGNA - FLUX MAR - 4 2008	3-13-08	TRW
605	CHECK HEADSPACE		3-13-08	TRW
610	DIS-ASSEMBLE GUN		3-13-08	L.P.D.
612	MAGNAFLUX	OPERATOR unms	3/14/08	unms
510	DRILL AND TAP		3-13-08	FM
615	ROLLMARK CALIBER		3-13-08	CW
618	ROTO-BLAST		3-14-08	DG
620	APPLY COATINGS		3/20/08	HP
625	FINAL ASSEMBLY		3-31-08	RTR
640	FUNCTION TEST AND	(PASS) FAIL	4-8-08	SD
650	TARGET	(PASS) FAIL	4-8-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-8-08	TRW
670	FINAL INSPECTION			
	A) HEADSPACE	(PASS) FAIL	4/8/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.47 2.38 2.45 2.46 2.43	4/8/08	FM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5 5 5	4/8/08	FM
	G) SAFETY OFF FORCE (2 LBS MIN)	4 4 3 5	4/8/08	FM
	I) FIRING PIN INDENT .020	.022 .022 .023	4/8/08	FM
690	PACK		4/8/08	FM

U.S. GOVERNMENT PRINTING OFFICE 2004-312-257

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
W1Ø1BØ	B co 3/7TH SFG(A)	9104321486
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**	

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN
		1005014940236

- 8. MODEL:
- 9. NOUN: Rifle 7.62mm Sniper M24
- 10a ORG WON/DOC NO:
- 10b. EIC:
- 11. SERIAL NUMBER: 063498102
- 12. QTY: 1
- 13. PD:
- 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*)

25. REMARKS: barrel change

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

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

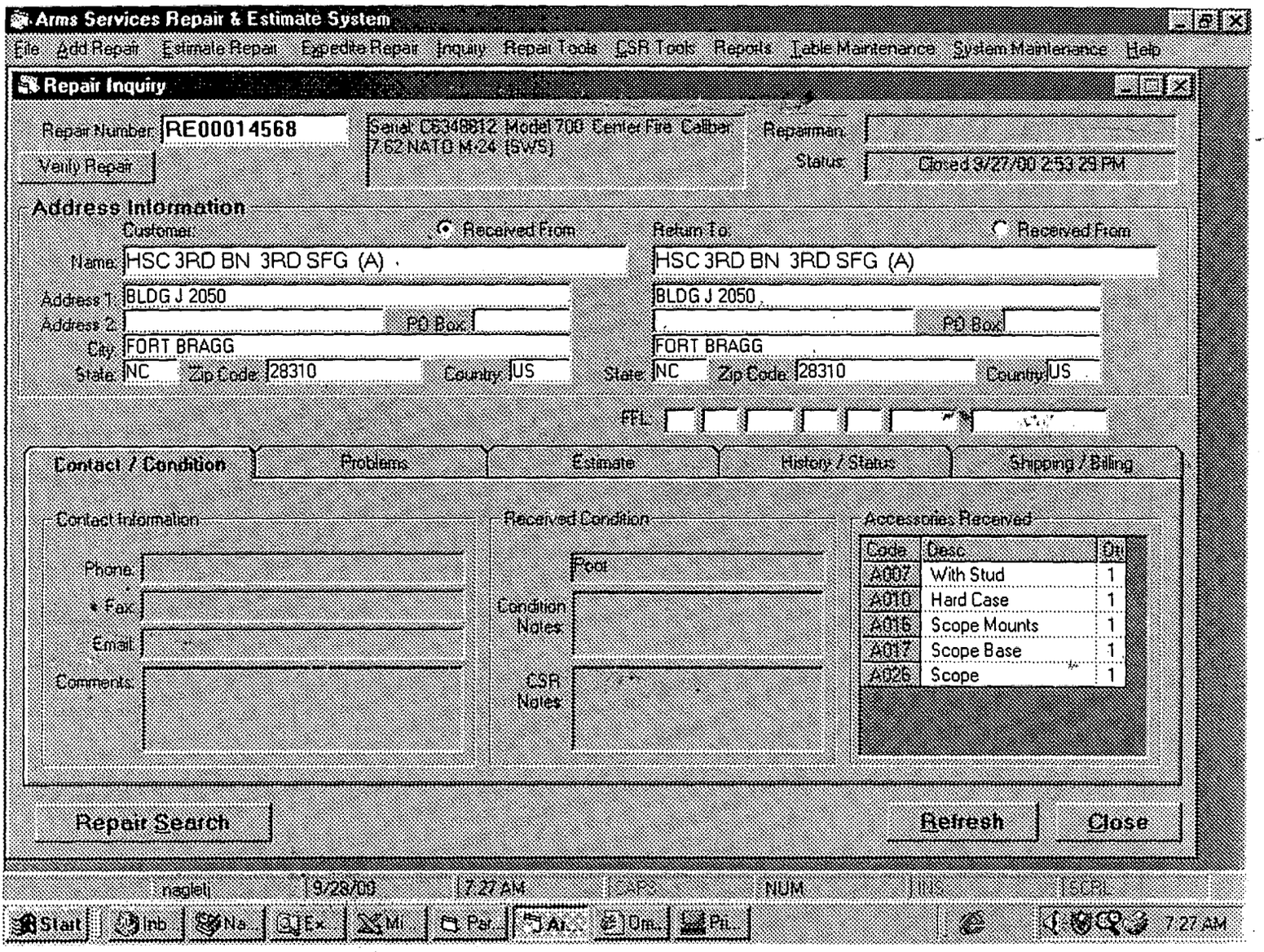
SECTION VII - ACTION SIGNATURES

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY
JWI	FM	28 FEB 08			

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



Serial Number: C6348812

Model: 700

BBL 96003

RE00014568

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400064788

Final Inspection

S/N: C6348872	DATE REC'D: 9-26-00	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
- ___ Deployment Kit

Trigger

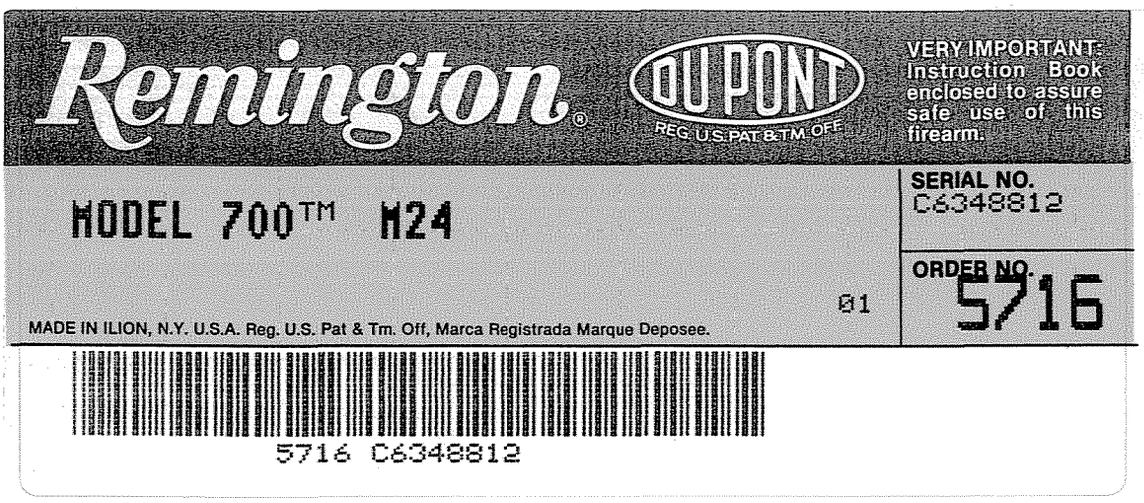
- ✓ Safety Operation
- ✓ Set
- ___

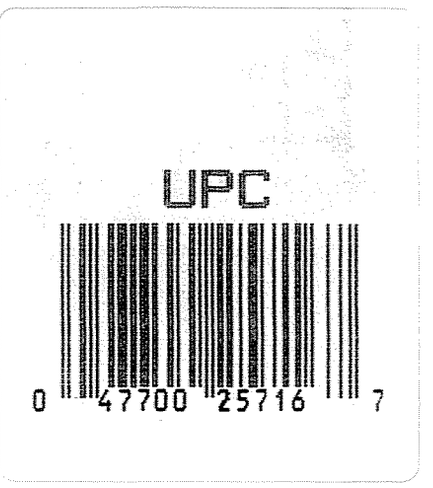
Comments: ___

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

R & E NUMBER	14568
SERIAL NUMBER	C634812
LOG-IN DATE	9-26-00

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-3-00	RW
605	CHECK HEADSPACE	10-3-00	CK
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		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-17-00	RW
655	FINAL INSPECT	10-25-00	CK
660	PACK		
	QAR INSPECTION DATE	SHIP DATE	


Remington®
DU PONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO.
C6348812
ORDER NO.
5716
Ø1
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6348812


UPC
0 47700 25716 7

M-24

Scan 0102

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348812

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt		7/13	KCR
615	Rollmark Caliber		7/13	DS
617	Drill and Tap Sight Holes	7 13 89		TB
618	Polish Barrel RB	7 13 89		BT
620	Apply Coatings (Barrel Action)		7-14-89	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/26/89	DD

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	3/Feb/89	GS
	G) Safety Off Force	3 | 3 | 3	3/Feb/89	GS
	H) Trigger Pull Test & Retainability		3/Feb/89	GS
	I) Firing Pin Indent	.021 | .021 | .022	3/Feb/89	GS
	J) Assemble Stock	NEW STOCK - RESHOT 9/11/89	8/1/89	RW
	K) Assemble Swivel Studs		2Aug89	GS
	L) Attach Front and Rear Sight Assemblies		8/1/89	RW
	M) Iron Sight Alignment		8/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container		8/1/89	RW
	O) Attach Scope to Rifle		8/1/89	WB
	P) Detach & Attach Scope 20 Times		8/1/89	WB
640	Gallery Target & Test	77 R 72 L	8-2-89	E
	A) Time		8-2-89	E
	B) Malfunctions		8-2-89	E
	C) Pierced Primers		8-2-89	E
	D) Optical Clearity of Scope		8-2-89	E
645	Inspect for Live Ammo		8-2-89	E
655	Final Inspection A) Headspace		2Aug89	GS
	B) Trigger Pull	2.27 | 2.32 | 2.46 | 2.17 | 2.68	2Aug89	GS
	C) Function		2Aug89	GS
660	Pack		20Sep89	SW

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348812

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.17	2.29	2.18		MIN. SETTING,
PULL #2	2.14	2.25	2.28		NO AVG. OF 5
PULL #3	2.16	2.28	2.30		READINGS ACCEPT-
PULL #4	2.13	2.25	2.34		ABLE LESS THAN 2#
PULL #5	2.20	2.31	2.29		
TOTAL	10.80	11.38	11.39		
AVG.	2.16	2.27	2.27		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.38		
PULL #2	3.30	3.40		
PULL #3	3.33	3.31		
PULL #4	3.31	3.36		
PULL #5	3.34	3.42		
TOTAL	16.63	16.87		
AVG.	3.32	3.37		

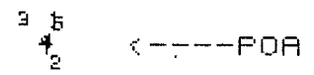
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.32		
PULL #2	4.31	4.24		
PULL #3	4.33	4.32		
PULL #4	4.42	4.30		
PULL #5	4.39	4.32		
TOTAL	21.74	21.50		
AVG.	4.34	4.30		

New Stock

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348812
8 Sep 1989

CENTROIDAL DISTANCES

0	TO	1	.486338
1	TO	2	.787017
1	TO	3	.529306
1	TO	4	.378566
1	TO	5	.108559

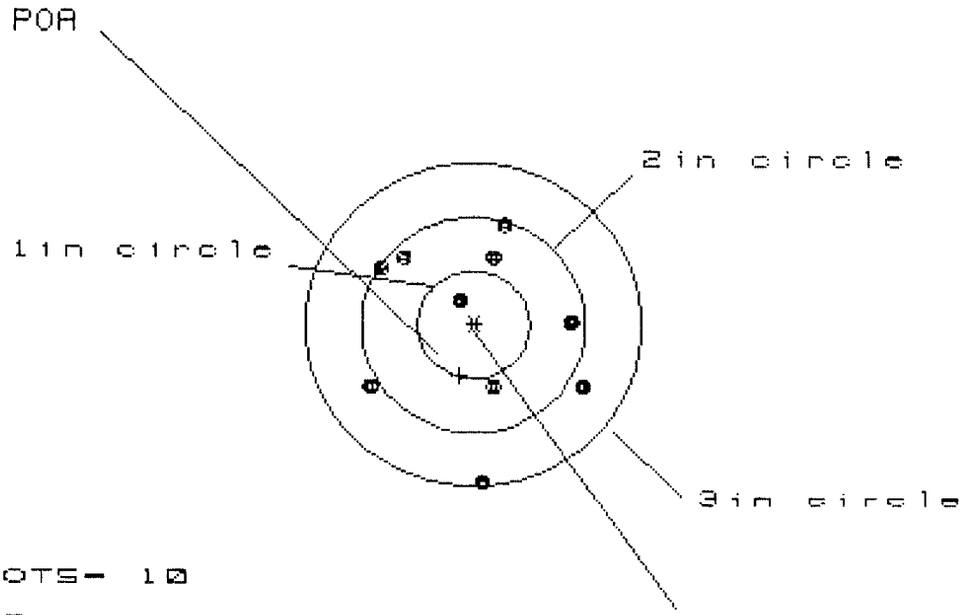


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .025
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .233741

THE EMP FOR THIS RIFLE IS: .9372

8 Sep 1999 FILE:/PATTERNING/CENTERFIRE_PATT/C6346812.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 10

HS= 1.884
VS= 2.417
GS= 2.425

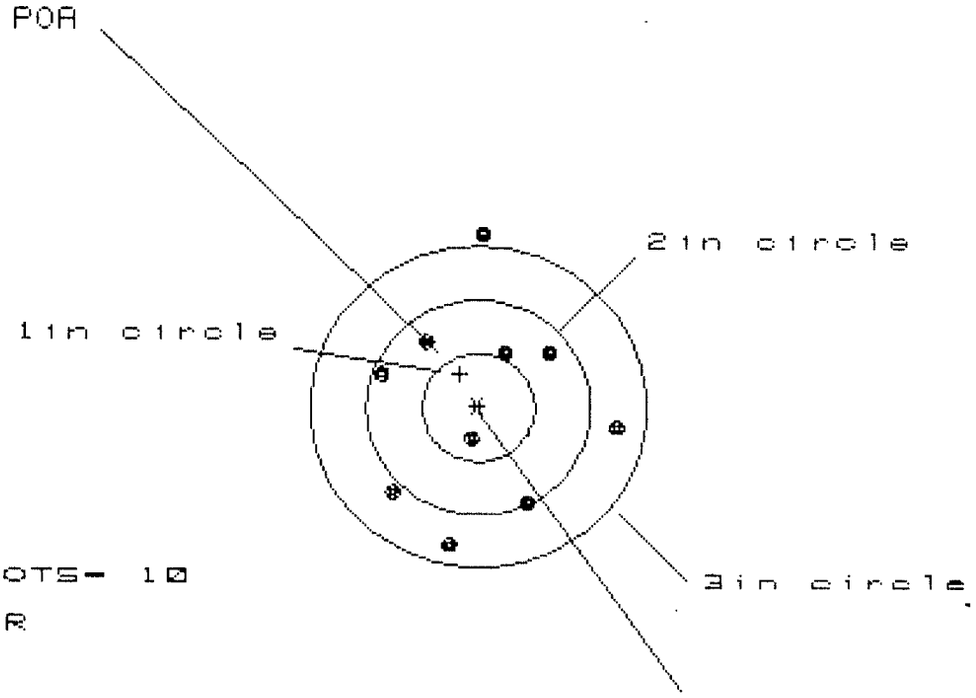
PATTERN # : 1

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.006	1.014	.978
MINIMUM X :	-.878	-.870	-.744
MAXIMUM Y :	.962	.800	.709
MINIMUM Y :	-1.455	-.731	-.802
CENTROID X :	.125	.117	-.009
CENTROID Y :	.470	.632	.723
POA TO CENTROID in.:	.486	.643	.723
MIN RADIUS :	.270	.148	.020
MEAN RADIUS :	.890	.796	.708
MAX RADIUS :	1.456	1.250	1.091
HORIZONTAL SPREAD :	1.884	1.884	1.722
VERTICAL SPREAD :	2.417	1.531	1.511
EXTREME SPREAD :	2.425	2.161	1.886

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

8 Sep 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6348812.1

CENTERFIRE PATTERNS # 2

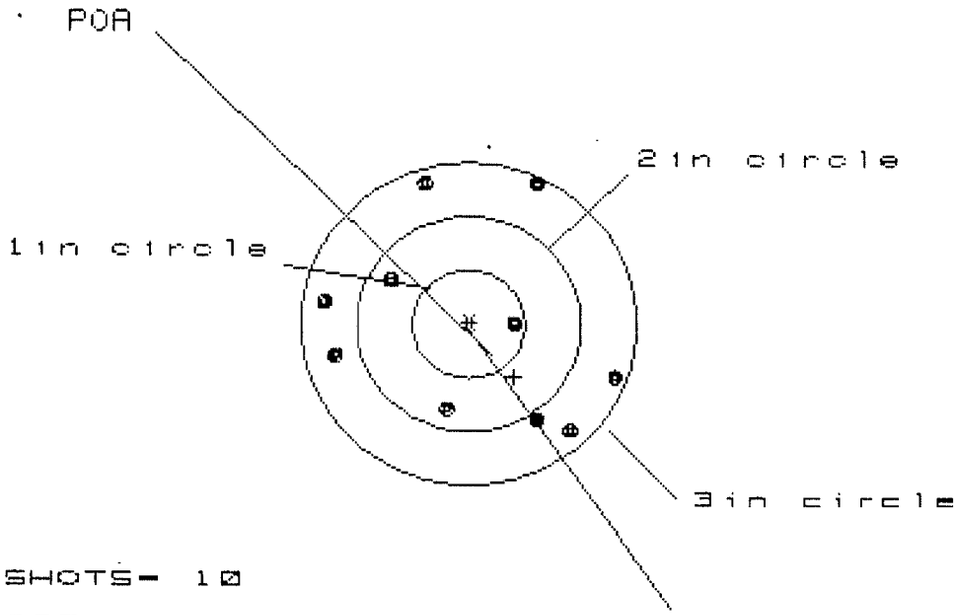


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 6
3in = 9
HS= 2.007
VS= 2.911
GS= 2.926

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	1.185	1.147
MINIMUM X	:	-.822	-.822	-.861
MAXIMUM Y	:	1.589	.758	.615
MINIMUM Y	:	-1.322	-1.145	-.845
CENTROID X	:	.165	.165	.204
CENTROID Y	:	-.316	-.493	-.350
POA TO CENTROID in.	:	.357	.520	.405
MIN RADIUS	:	.331	.167	.312
MEAN RADIUS	:	.952	.868	.823
MAX RADIUS	:	1.589	1.185	1.154
HORIZONTAL SPREAD	:	2.007	2.007	2.007
VERTICAL SPREAD	:	2.911	1.903	1.460
EXTREME SPREAD	:	2.926	2.067	2.057
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Sep 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C634B812.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

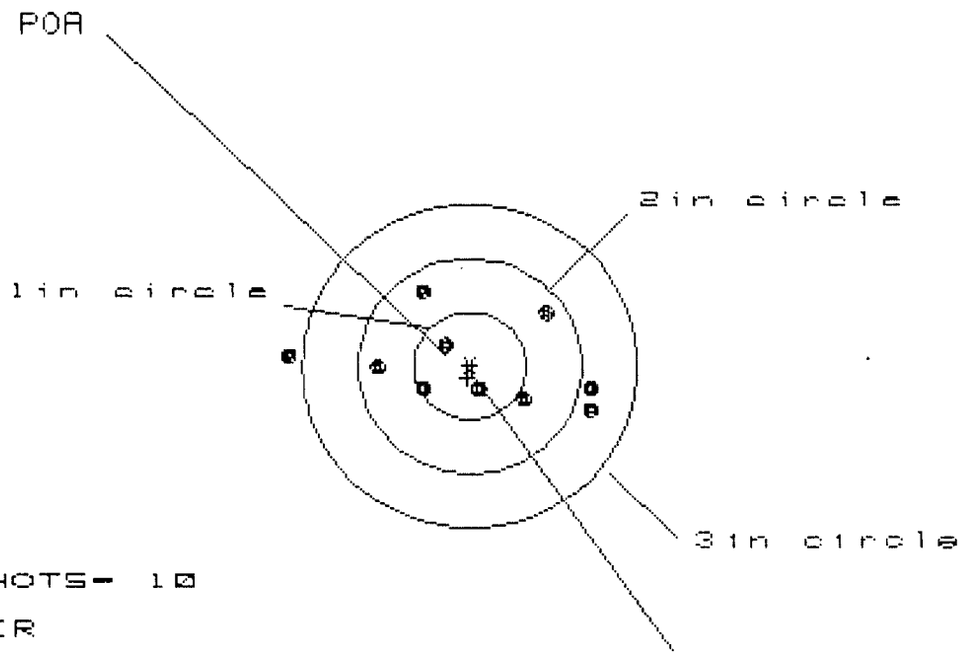
# IN CIR
1in = 1
2in = 3
3in = 9

HS= 2.585
VS= 2.302
GS= 2.673

PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.269	1.341	1.304
MINIMUM X	:	-1.316	-1.244	-1.281
MAXIMUM Y	:	1.358	1.500	.795
MINIMUM Y	:	-.945	-.794	-.606
CENTROID X	:	-.404	-.476	-.439
CENTROID Y	:	.488	.338	.150
POA TO CENTROID in.	:	.634	.583	.464
MIN RADIUS	:	.423	.513	.426
MEAN RADIUS	:	1.125	1.067	.983
MAX RADIUS	:	1.503	1.529	1.388
HORIZONTAL SPREAD	:	2.585	2.585	2.585
VERTICAL SPREAD	:	2.302	2.294	1.401
EXTREME SPREAD	:	2.673	2.673	2.673
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Sep 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C634B812.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

HS= 2.719
VS= 1.100
GS= 2.769

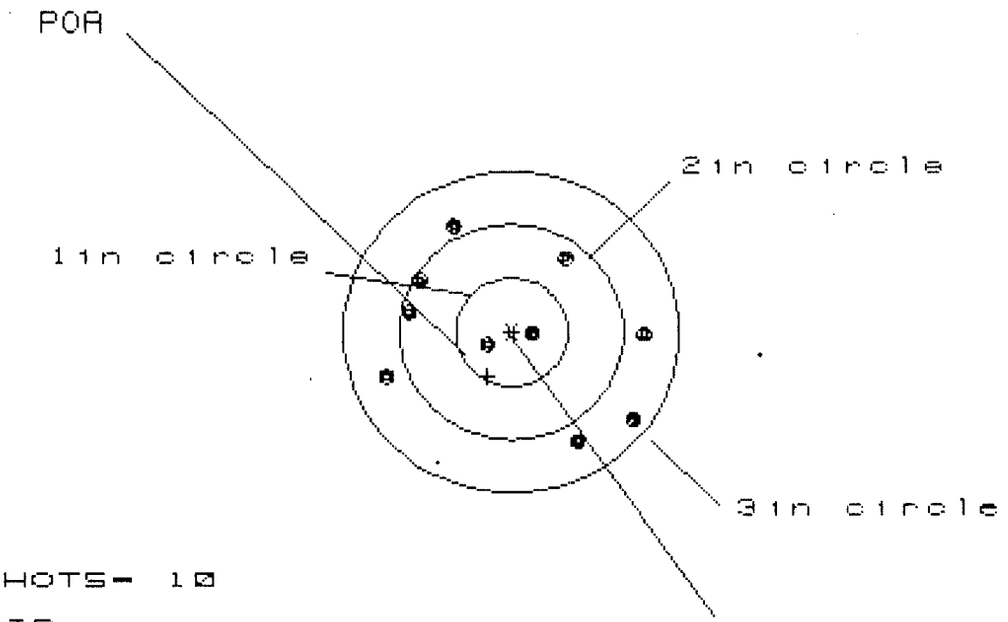
PATTERN # : 4

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.115	.936	.995
MINIMUM X :	-1.604	-1.024	-.907
MAXIMUM Y :	.648	.655	.600
MINIMUM Y :	-.452	-.445	-.347
CENTROID X :	.021	.200	.083
CENTROID Y :	.106	.099	.154
POA TO CENTROID in.:	.109	.223	.175
MIN RADIUS :	.213	.183	.233
MEAN RADIUS :	.784	.688	.633
MAX RADIUS :	1.606	1.037	1.022
HORIZONTAL SPREAD :	2.719	1.960	1.902
VERTICAL SPREAD :	1.100	1.100	.947
EXTREME SPREAD :	2.769	2.009	1.910

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 9

8 Sep 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6346812.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 10

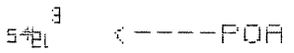
HS= 2.324
VS= 2.021
GS= 2.464

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.231	1.354	.905
MINIMUM X	:	-1.093	-.970	-.801
MAXIMUM Y	:	1.013	.918	.906
MINIMUM Y	:	-1.008	-1.103	-1.115
CENTROID X	:	.218	.095	-.074
CENTROID Y	:	.414	.509	.521
POA TO CENTROID in.	:	.468	.518	.526
MIN RADIUS	:	.166	.237	.261
MEAN RADIUS	:	.935	.875	.802
MAX RADIUS	:	1.400	1.357	1.436
HORIZONTAL SPREAD	:	2.324	2.324	1.706
VERTICAL SPREAD	:	2.021	2.021	2.021
EXTREME SPREAD	:	2.464	2.358	2.306
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348812
3 Aug 1989

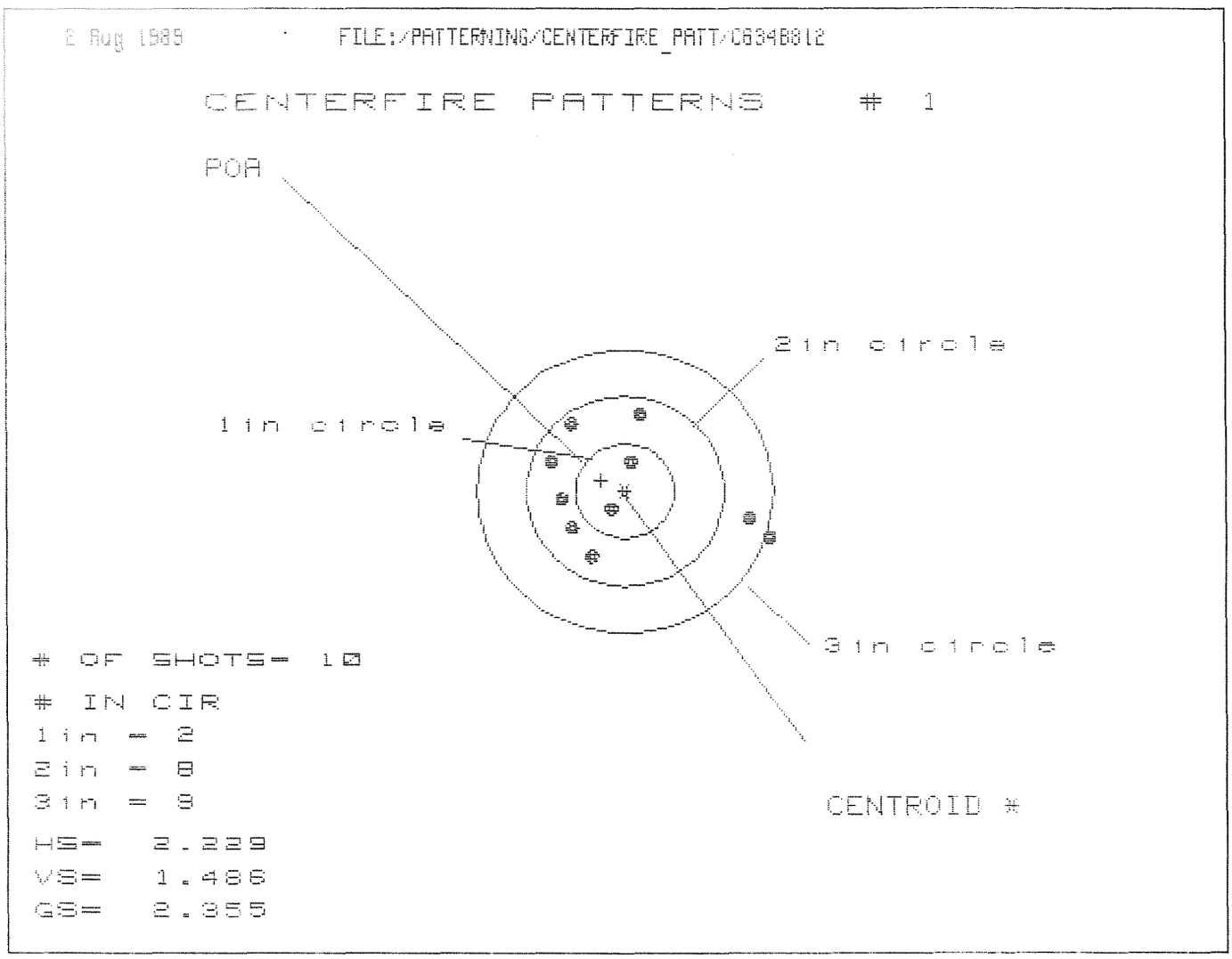
CENTROIDAL DISTANCES

0	TO	1	.267989
1	TO	2	.13537
1	TO	3	.498401
1	TO	4	.368098
1	TO	5	.584785



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0716
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0728802

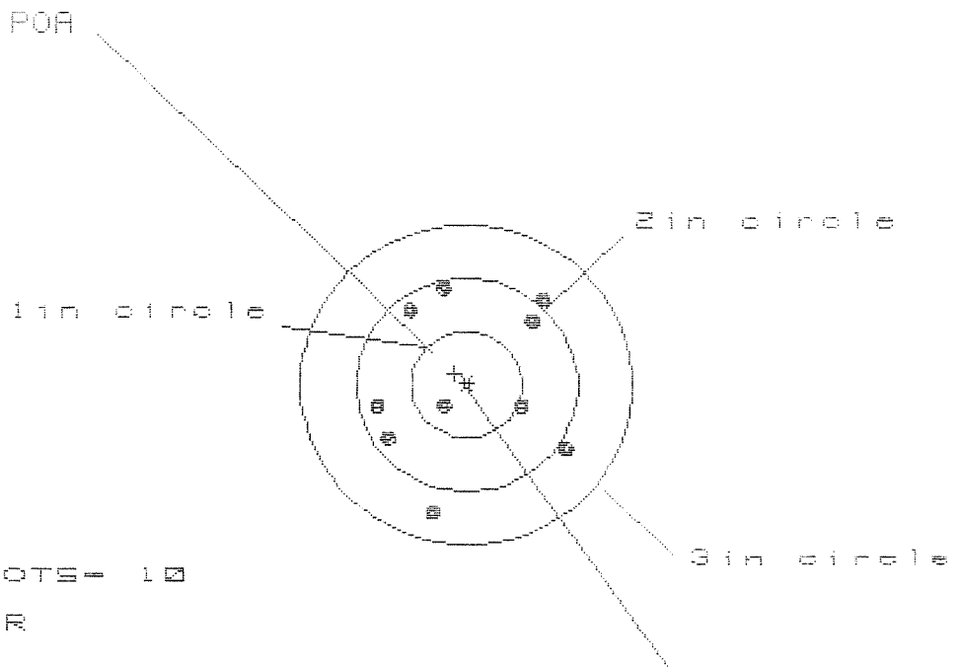
THE AMP FOR THIS RIFLE IS: .975



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.406	.460
MINIMUM X	:	-.777	-.616	-.440
MAXIMUM Y	:	.812	.762	.724
MINIMUM Y	:	-.674	-.724	-.762
CENTROID X	:	.243	.082	-.094
CENTROID Y	:	-.113	-.063	-.025
POA TO CENTROID in.	:	.268	.103	.098
MIN RADIUS	:	.262	.290	.327
MEAN RADIUS	:	.787	.668	.548
MAX RADIUS	:	1.521	1.438	.858
HORIZONTAL SPREAD	:	2.229	2.022	.900
VERTICAL SPREAD	:	1.486	1.486	1.486
EXTREME SPREAD	:	2.355	2.098	1.553
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

2 Aug 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C634B012

CENTERFIRE PATTERNS # 2

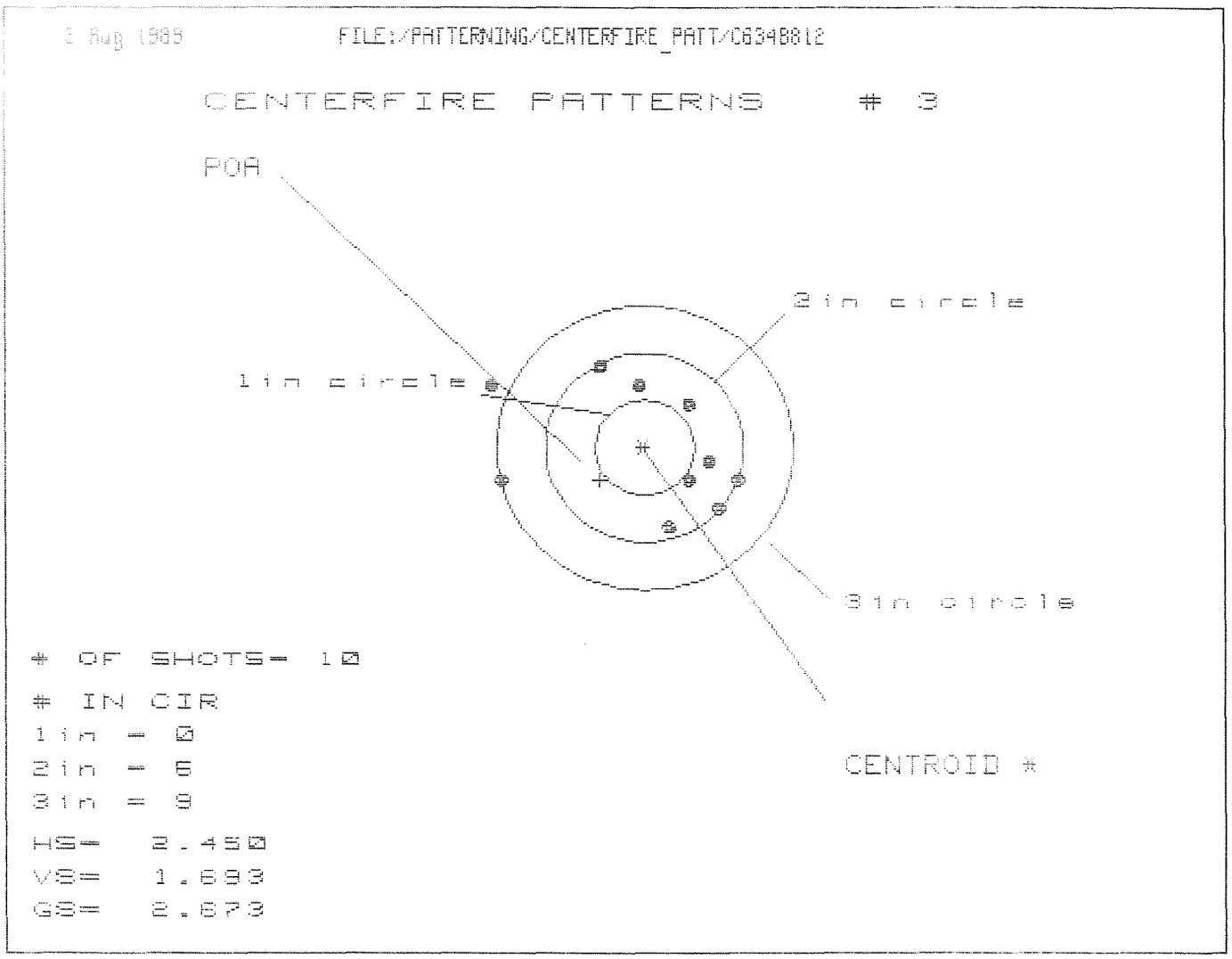


OF SHOTS= 10

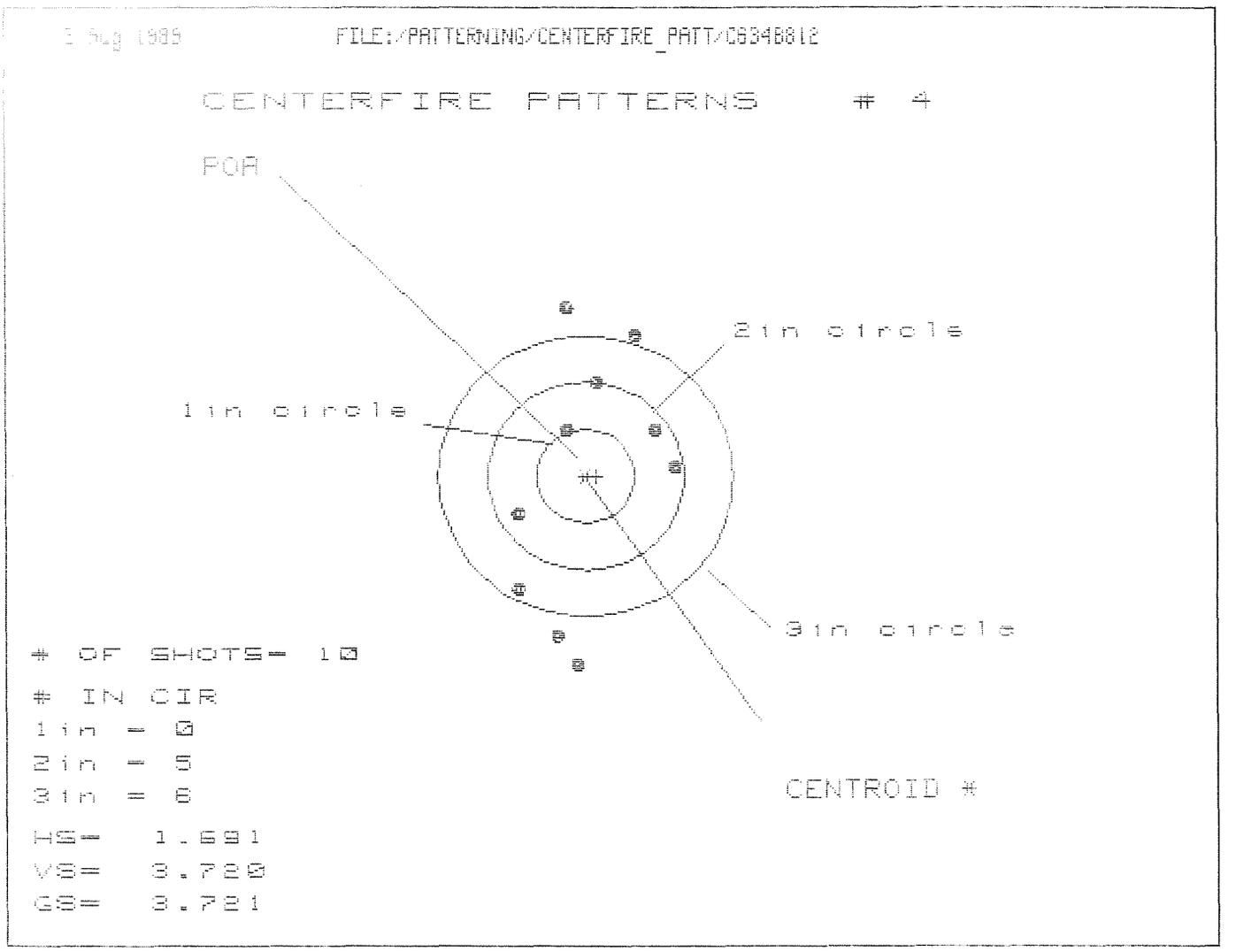
# IN CIR	
1in =	1
2in =	7
3in =	10

HS= 1.778
VS= 2.031
GS= 2.188

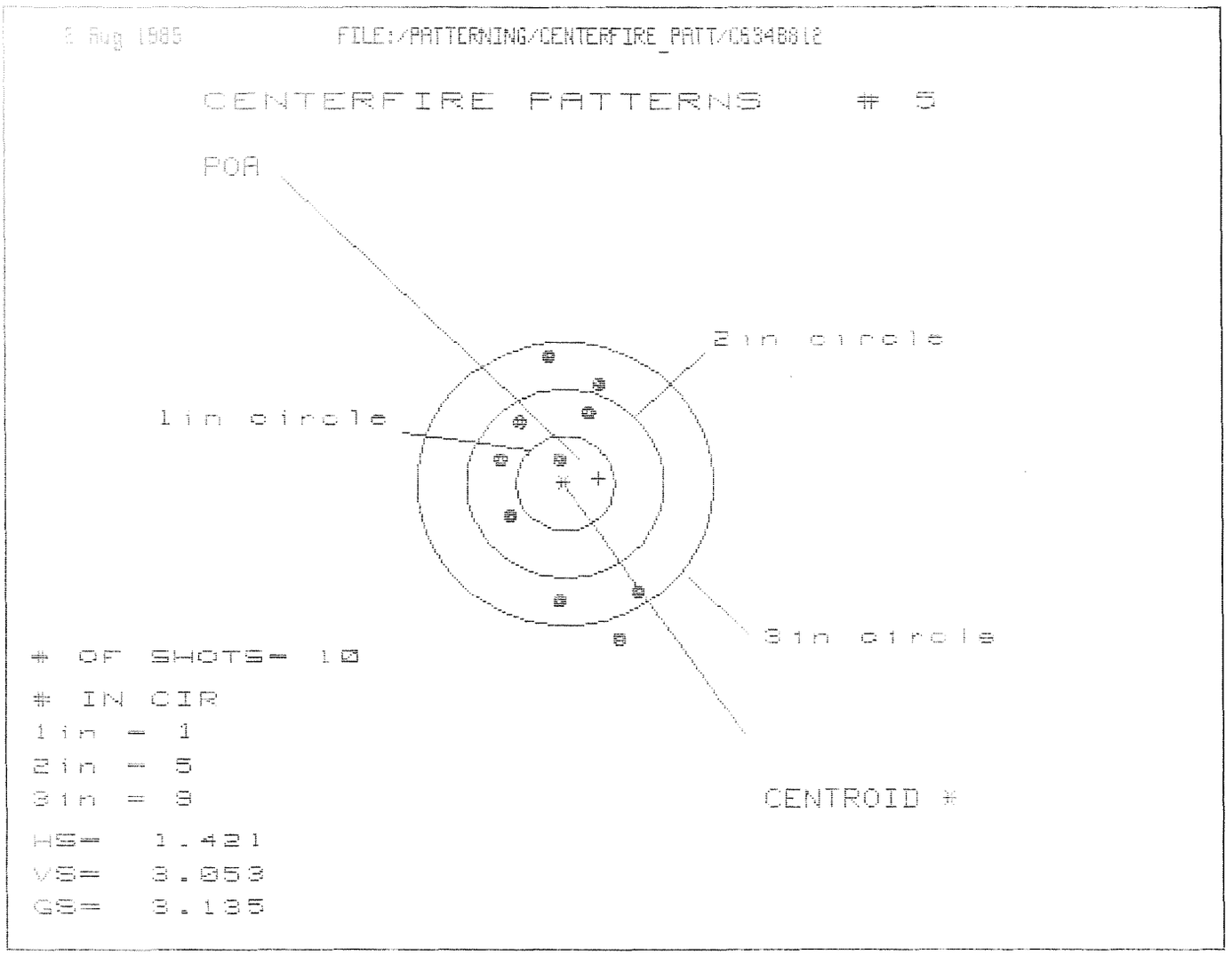
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.934	.904	.726
MINIMUM X	:	-.844	-.874	-.761
MAXIMUM Y	:	.875	.746	.651
MINIMUM Y	:	-1.156	-.767	-.697
CENTROID X	:	.108	.138	.025
CENTROID Y	:	-.103	.026	.121
POA TO CENTROID in.	:	.149	.141	.124
MIN RADIUS	:	.264	.389	.441
MEAN RADIUS	:	.853	.813	.756
MAX RADIUS	:	1.188	1.185	.946
HORIZONTAL SPREAD	:	1.778	1.778	1.487
VERTICAL SPREAD	:	2.031	1.513	1.348
EXTREME SPREAD	:	2.188	1.961	1.880
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	.772	.574
MINIMUM X	:	-1.510	-1.584	-.858
MAXIMUM Y	:	.851	.929	.901
MINIMUM Y	:	-.842	-.764	-.792
CENTROID X	:	.453	.621	.819
CENTROID Y	:	.339	.261	.289
POA TO CENTROID in.	:	.566	.673	.868
MIN RADIUS	:	.556	.382	.307
MEAN RADIUS	:	.953	.825	.676
MAX RADIUS	:	1.666	1.599	1.244
HORIZONTAL SPREAD	:	2.450	2.356	1.432
VERTICAL SPREAD	:	1.693	1.693	1.693
EXTREME SPREAD	:	2.673	2.357	1.973
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.942	.916
MINIMUM X	:	-.737	-.749	-.775
MAXIMUM Y	:	1.766	1.548	1.480
MINIMUM Y	:	-1.954	-1.933	-1.739
CENTROID X	:	-.107	-.095	-.069
CENTROID Y	:	.001	.219	.025
POA TO CENTROID in.	:	.107	.238	.074
MIN RADIUS	:	.542	.364	.538
MEAN RADIUS	:	1.268	1.149	1.114
MAX RADIUS	:	1.958	1.957	1.770
HORIZONTAL SPREAD	:	1.691	1.691	1.691
VERTICAL SPREAD	:	3.720	3.481	3.219
EXTREME SPREAD	:	3.721	3.483	3.319
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.779	.843	.833
MINIMUM X	:	-.641	-.578	-.588
MAXIMUM Y	:	1.401	1.217	1.036
MINIMUM Y	:	-1.652	-1.404	-1.251
CENTROID X	:	-.339	-.403	-.393
CENTROID Y	:	-.056	.128	-.025
POA TO CENTROID in.	:	.344	.422	.394
MIN RADIUS	:	.316	.122	.274
MEAN RADIUS	:	1.014	.873	.858
MAX RADIUS	:	1.747	1.593	1.460
HORIZONTAL SPREAD	:	1.421	1.421	1.421
VERTICAL SPREAD	:	3.053	2.621	2.287
EXTREME SPREAD	:	3.135	2.730	2.323
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	