C652239

MODEL 700™ M24

Model SWS™

Action

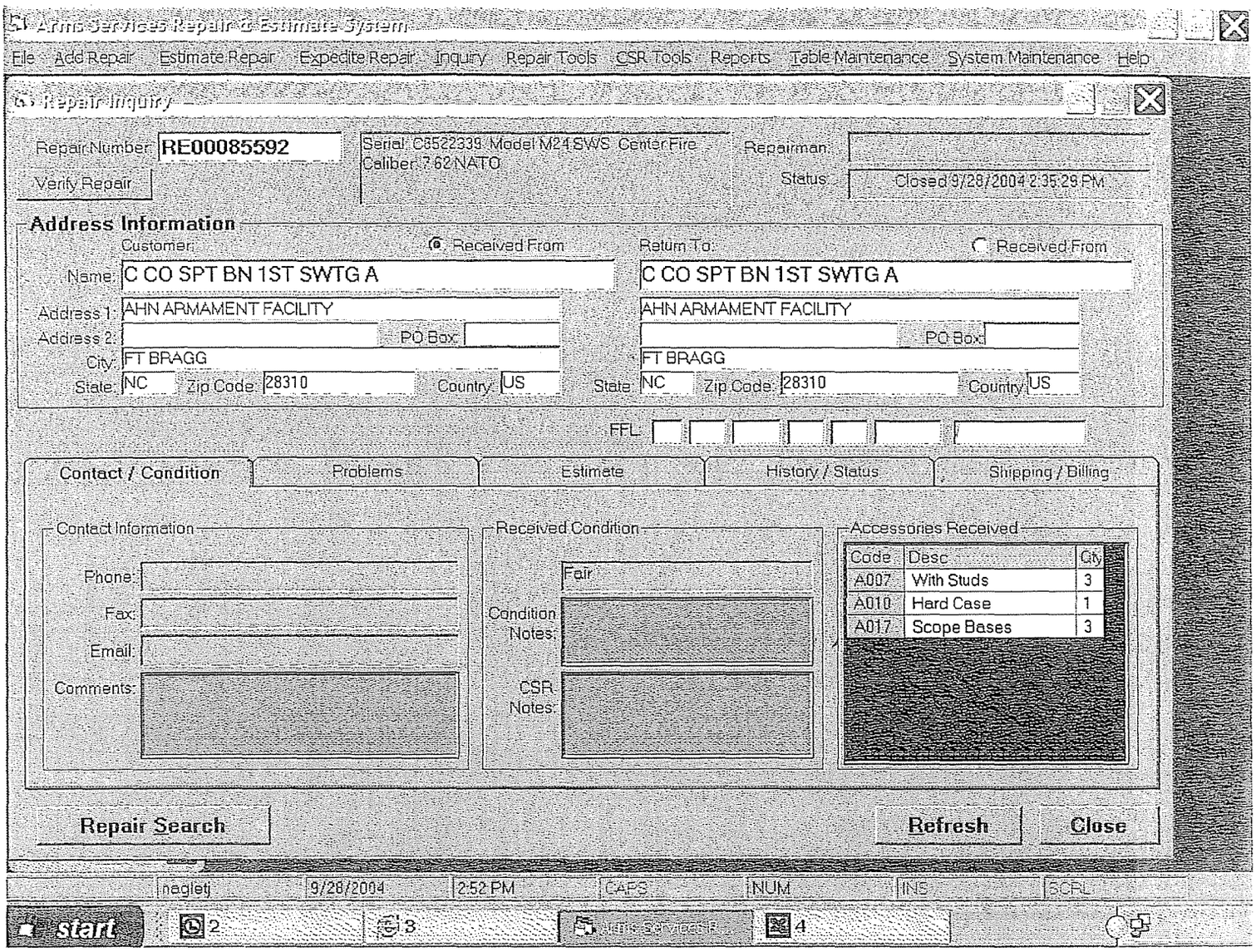
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


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: RE00085592
Verify Repair
Serial: C8522339 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 9/28/2004 2:35:29 PM
Address Information
Customer: Received From
Name: C CO SPT BN 1ST SWTG A
Address 1: AHN ARMAMENT FACILITY
Address 2: PO Box:
City: FT BRAGG
State: NC Zip Code: 28310 Country: US
Return To: Received From
C CO SPT BN 1ST SWTG A
AHN ARMAMENT FACILITY
PO Box:
FT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Studs 3
A010 Hard Case 1
A017 Scope Bases 3
Repair Search
Refresh
Close
naglelj 9/28/2004 2:52 PM CAPS NUM INS SCRL
start


Serial Number: C6522339
Model: M24 SWS
RE00085592

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522339.__0
FILE DATE AND TIME: 10/20/2004 06:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

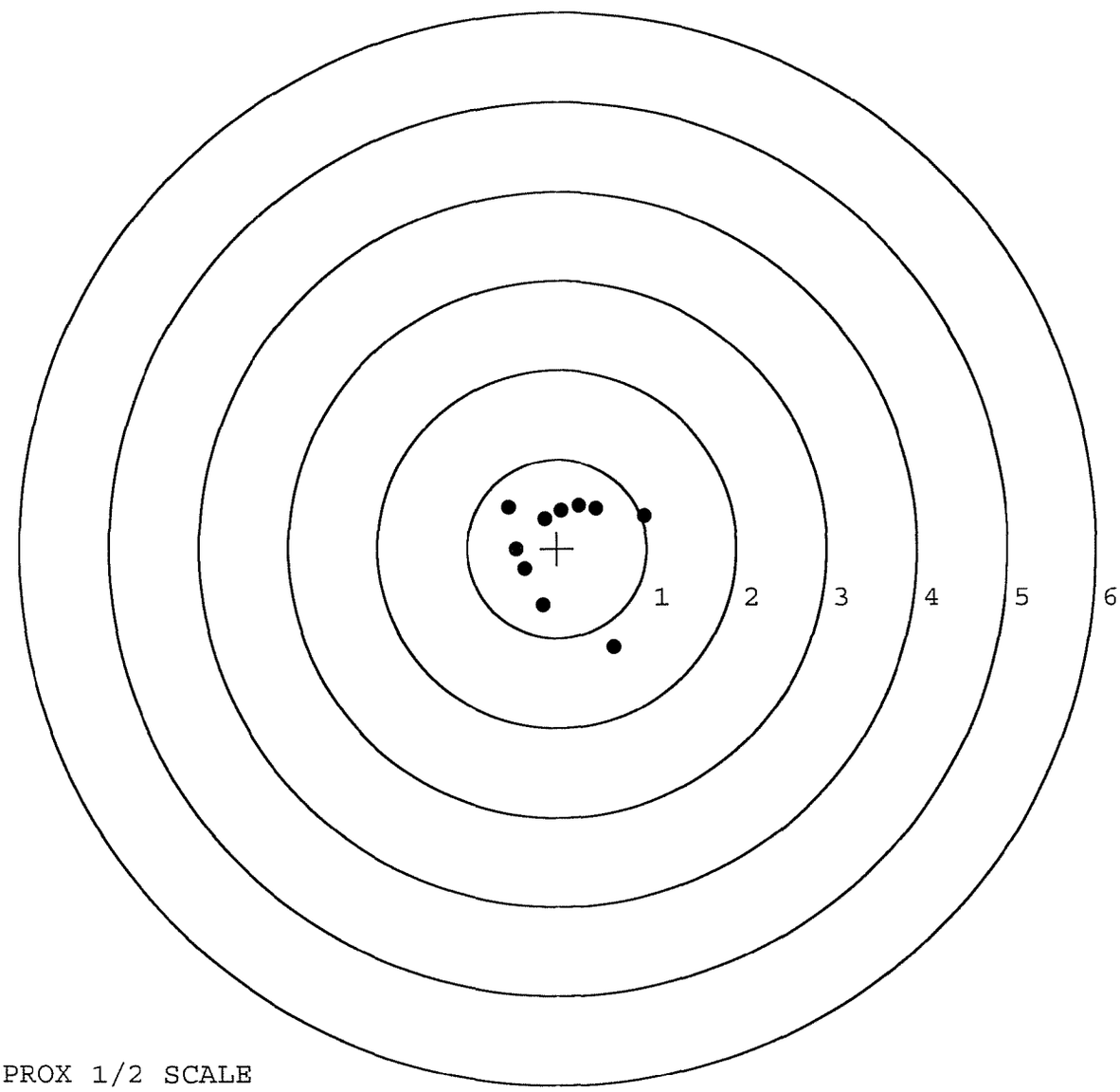
The Average X Centroid of the Five Target Set:	-0.030
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.034
The Average Mean Radius of the Five Target Set:	0.696
The Distance from POA to Centroid Target #1:	0.083
The Distance from Centroid Target #2 to Centroid Target #1:	0.211
The Distance from Centroid Target #3 to Centroid Target #1:	0.106
The Distance from Centroid Target #4 to Centroid Target #1:	0.230
The Distance from Centroid Target #5 to Centroid Target #1:	0.190

BARBER - M24 0005418

SERIAL NUMBER: C6522339.__0
TARGET NUMBER: 1
FILE DATE: 10/20/2004
FILE TIME: 06:59

X CENTROID:	0.065
Y CENTROID:	0.052
POA TO CENTROID:	0.083
HORZ SPREAD:	1.512
VERT SPREAD:	1.586
GROUP SPREAD:	1.967
MIN RADIUS:	0.347
MAX RADIUS:	1.292
MEAN RADIUS:	0.648
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.638	-1.106
2:	0.967	0.364
3:	0.434	0.453
4:	0.240	0.480
5:	0.042	0.421
6:	-0.146	0.328
7:	-0.545	0.465
8:	-0.456	-0.010
9:	-0.365	-0.230
10:	-0.162	-0.644



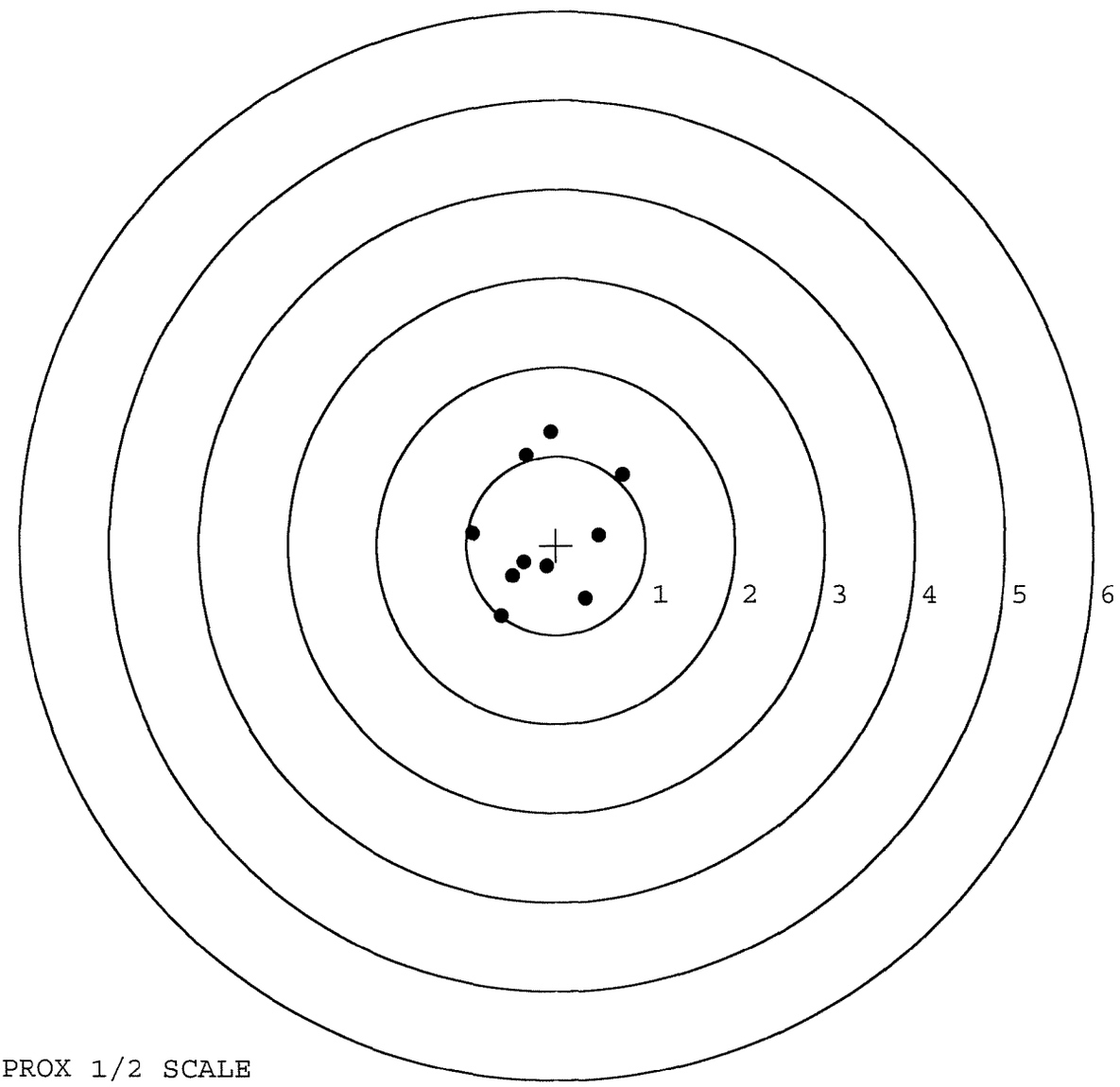
TARGET APPROX 1/2 SCALE

BARBER - M24 0005419

SERIAL NUMBER: C6522339.__0
TARGET NUMBER: 2
FILE DATE: 10/20/2004
FILE TIME: 06:59

X CENTROID:	-0.137
Y CENTROID:	0.116
POA TO CENTROID:	0.179
HORZ SPREAD:	1.673
VERT SPREAD:	2.058
GROUP SPREAD:	2.132
MIN RADIUS:	0.353
MAX RADIUS:	1.158
MEAN RADIUS:	0.779
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.330	-0.600
2:	0.481	0.116
3:	0.742	0.788
4:	-0.065	1.271
5:	-0.337	1.007
6:	-0.931	0.136
7:	-0.112	-0.237
8:	-0.365	-0.192
9:	-0.491	-0.346
10:	-0.620	-0.787



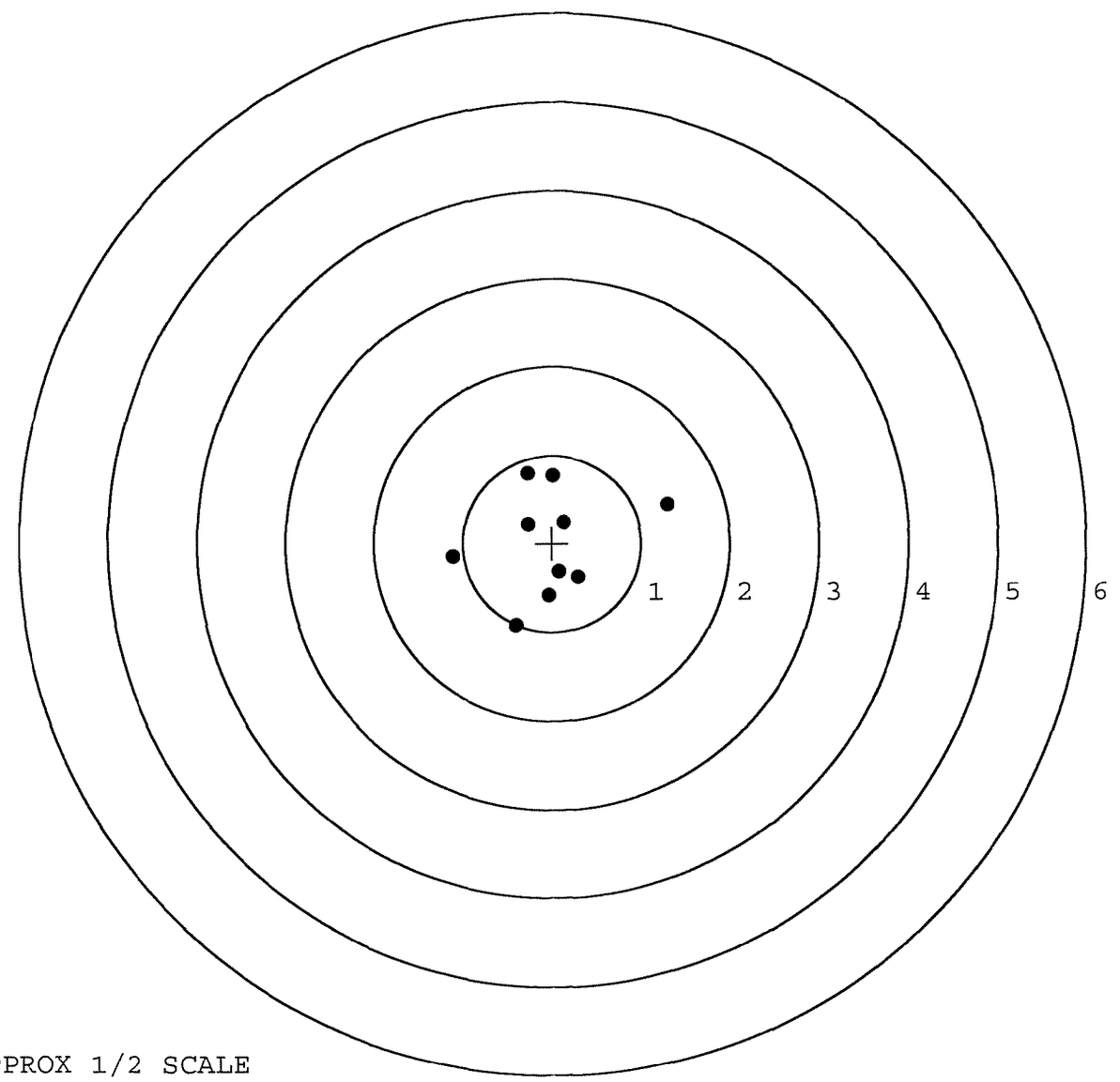
TARGET APPROX 1/2 SCALE

BARBER - M24 0005420

SERIAL NUMBER: C6522339.__0
TARGET NUMBER: 3
FILE DATE: 10/20/2004
FILE TIME: 06:59

X CENTROID:	-0.032
Y CENTROID:	0.007
POA TO CENTROID:	0.032
HORZ SPREAD:	2.414
VERT SPREAD:	1.726
GROUP SPREAD:	2.486
MIN RADIUS:	0.282
MAX RADIUS:	1.394
MEAN RADIUS:	0.716
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.295	0.434
2:	-1.119	-0.159
3:	-0.407	-0.928
4:	-0.276	0.798
5:	0.007	0.771
6:	-0.277	0.217
7:	0.132	0.237
8:	0.076	-0.323
9:	0.299	-0.380
10:	-0.045	-0.599



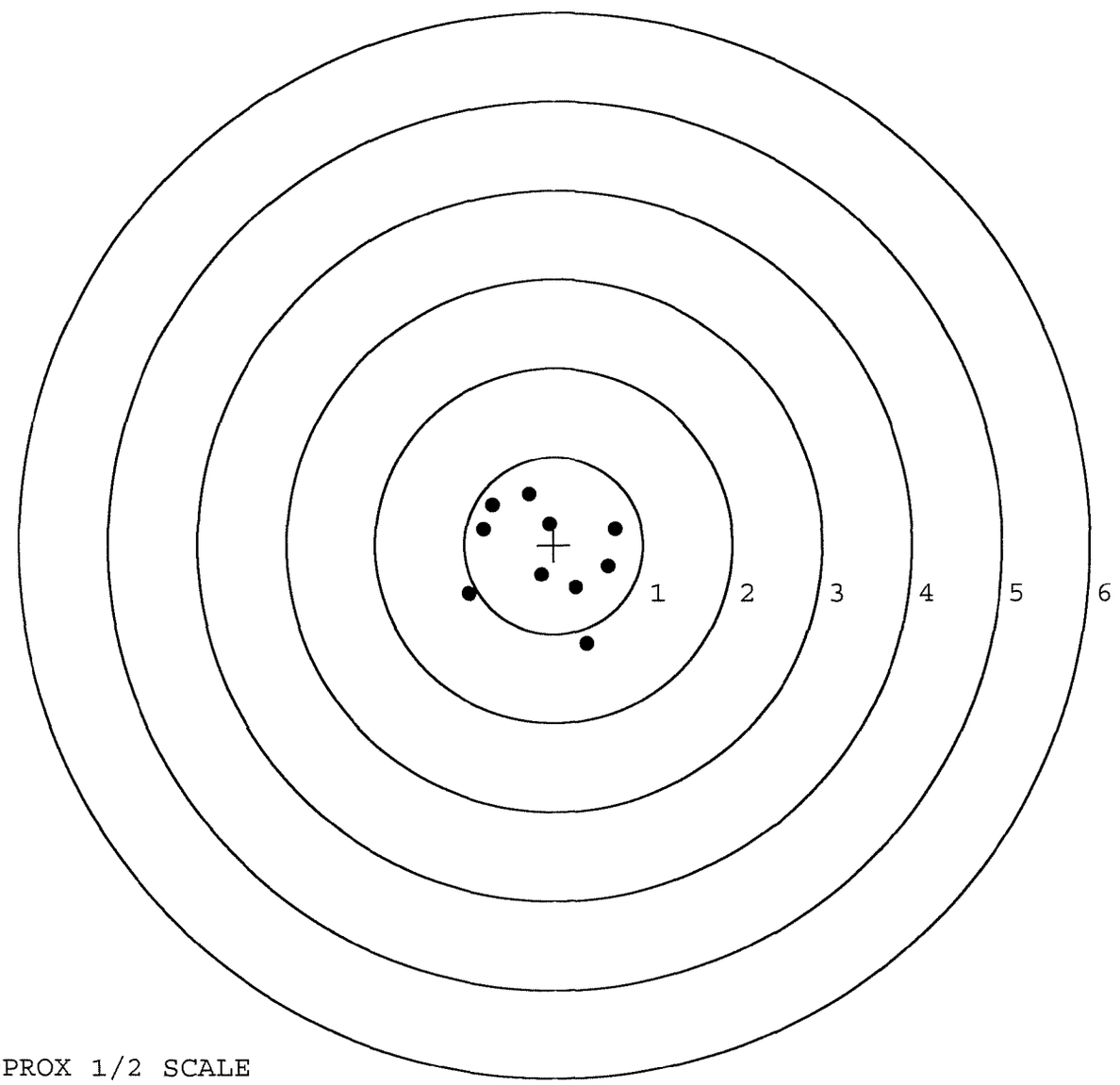
TARGET APPROX 1/2 SCALE

BARBER - M24 0005421

SERIAL NUMBER: C6522339.__0
TARGET NUMBER: 4
FILE DATE: 10/20/2004
FILE TIME: 06:59

X CENTROID:	-0.098
Y CENTROID:	-0.110
POA TO CENTROID:	0.148
HORZ SPREAD:	1.636
VERT SPREAD:	1.686
GROUP SPREAD:	1.891
MIN RADIUS:	0.238
MAX RADIUS:	1.104
MEAN RADIUS:	0.700
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.374	-1.108
2:	0.687	0.185
3:	0.611	-0.244
4:	0.252	-0.484
5:	-0.141	-0.344
6:	-0.949	-0.558
7:	-0.786	0.180
8:	-0.691	0.455
9:	-0.053	0.237
10:	-0.284	0.578



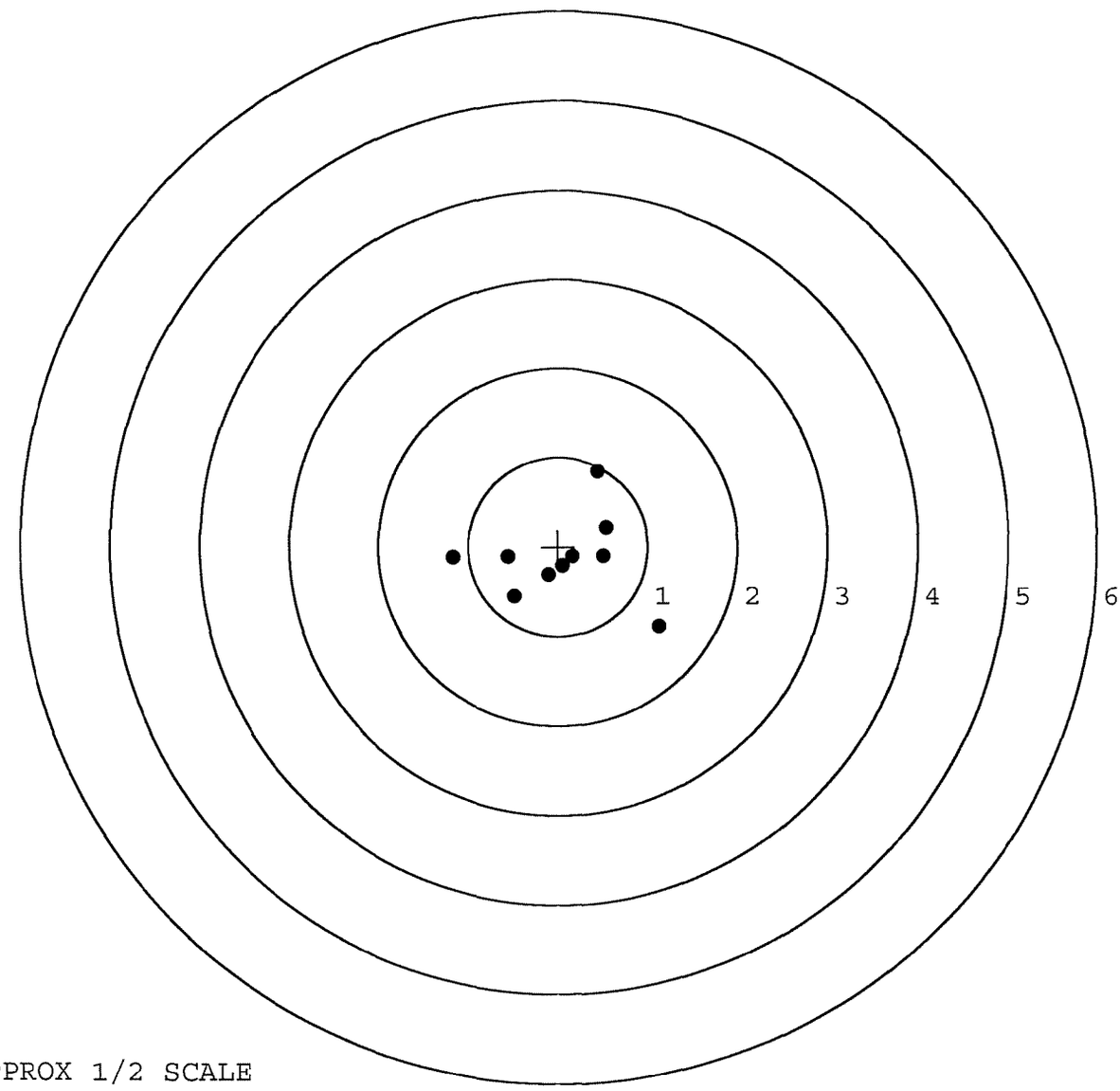
TARGET APPROX 1/2 SCALE

BARBER - M24 0005422

SERIAL NUMBER: C6522339.__0
TARGET NUMBER: 5
FILE DATE: 10/20/2004
FILE TIME: 06:59

X CENTROID:	0.050
Y CENTROID:	-0.137
POA TO CENTROID:	0.146
HORZ SPREAD:	2.290
VERT SPREAD:	1.742
GROUP SPREAD:	2.416
MIN RADIUS:	0.078
MAX RADIUS:	1.313
MEAN RADIUS:	0.638
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.121	-0.897
2:	0.443	0.845
3:	0.539	0.219
4:	0.512	-0.100
5:	0.162	-0.109
6:	0.047	-0.215
7:	-0.112	-0.318
8:	-0.488	-0.559
9:	-0.554	-0.109
10:	-1.169	-0.126



TARGET APPROX 1/2 SCALE

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
USAJFKSWCS, ARMAMENT FACILITY	RIFLE, SNIPER 7.62MM / M24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6522339			10,000		20 AUG 2004	W

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
[signature]	1039			

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	(-)	10,000 ROUNDS COUNT		

DA FORM 2404, APR 79 — Replaces edition of 1 Jan 64, which will be used — USAPPC V1.10

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

R & E NUMBER	85592		
SERIAL NUMBER	C6522339		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-6-04	RTL
605	CHECK HEADSPACE	10-6-04	RTL
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-04	SB/CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/14/04	HP
625 A	FINAL ASSEMBLY	10-17-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-20-04	TRW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	DA
		SHIP DATE	
	QAR INSPECTION 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. C6522339

ORDER NO. 5716

01

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

5716 C6522339

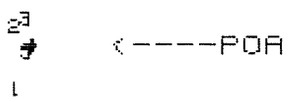
UPC

0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522339
13 Aug 1990

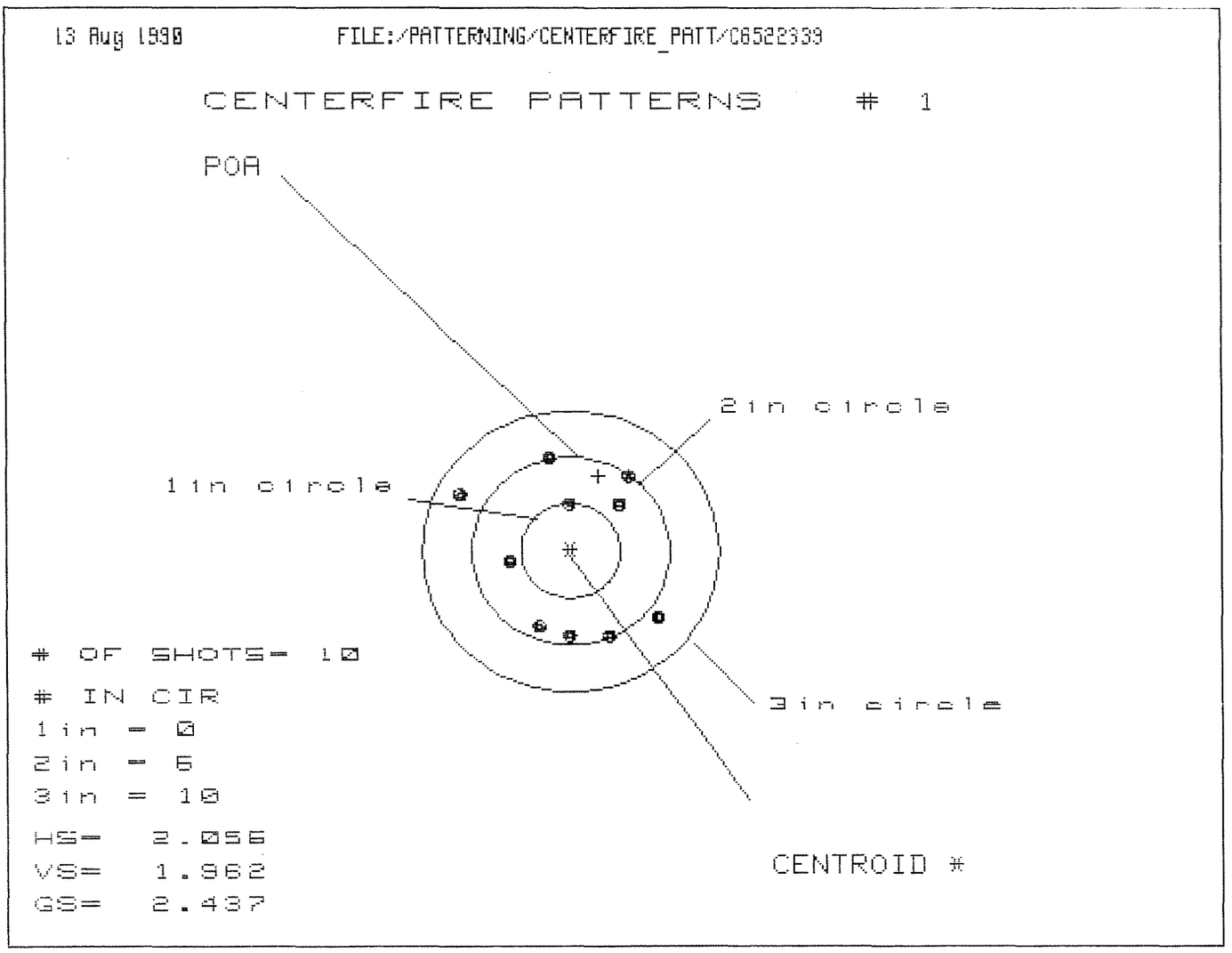
CENTROIDAL DISTANCES

Ø	TO	1	.848644
1	TO	2	1.15
1	TO	3	1.31571
1	TO	4	.87537
1	TO	5	.72654

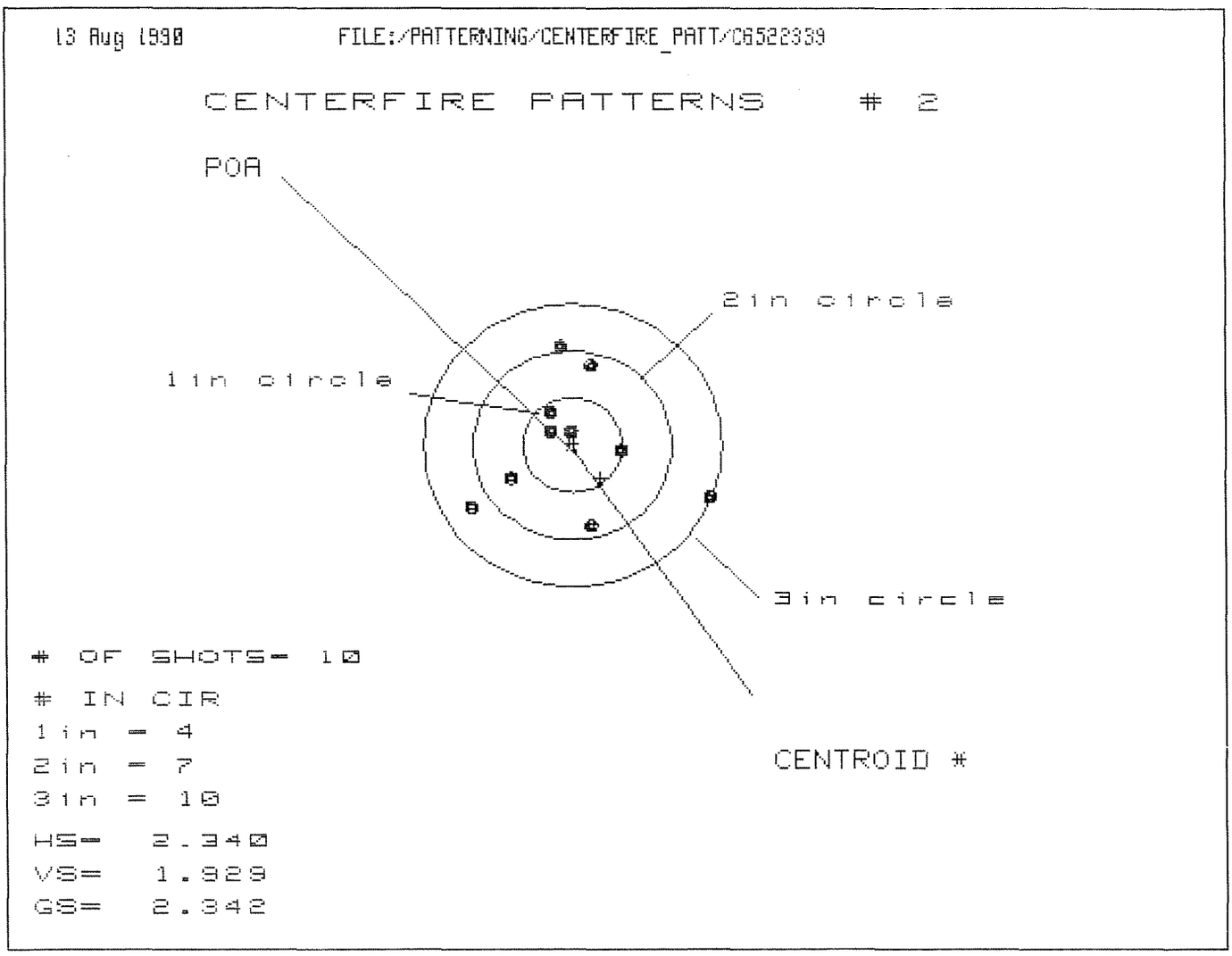


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.008
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135436

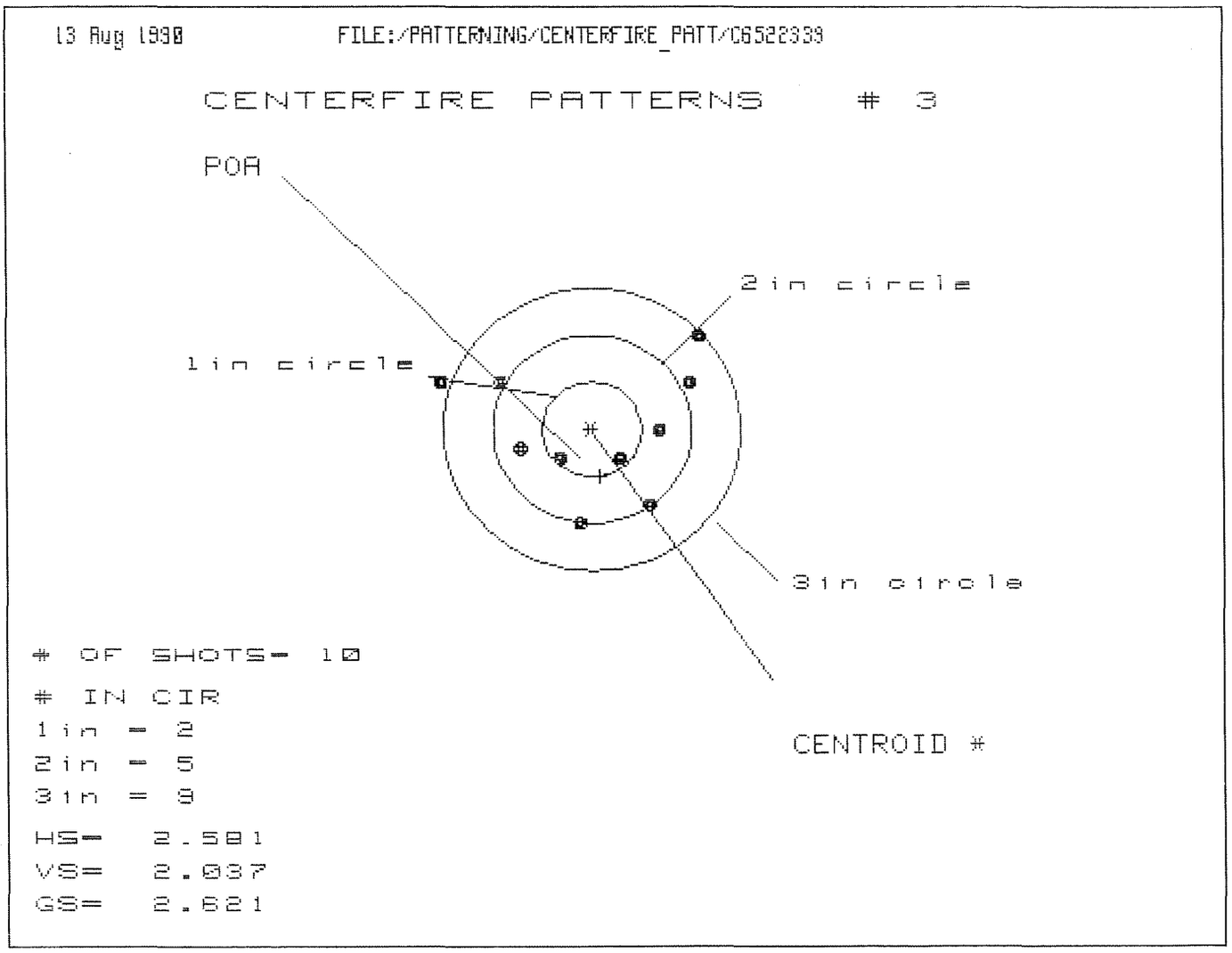
THE AMR FOR THIS RIFLE IS: .8726



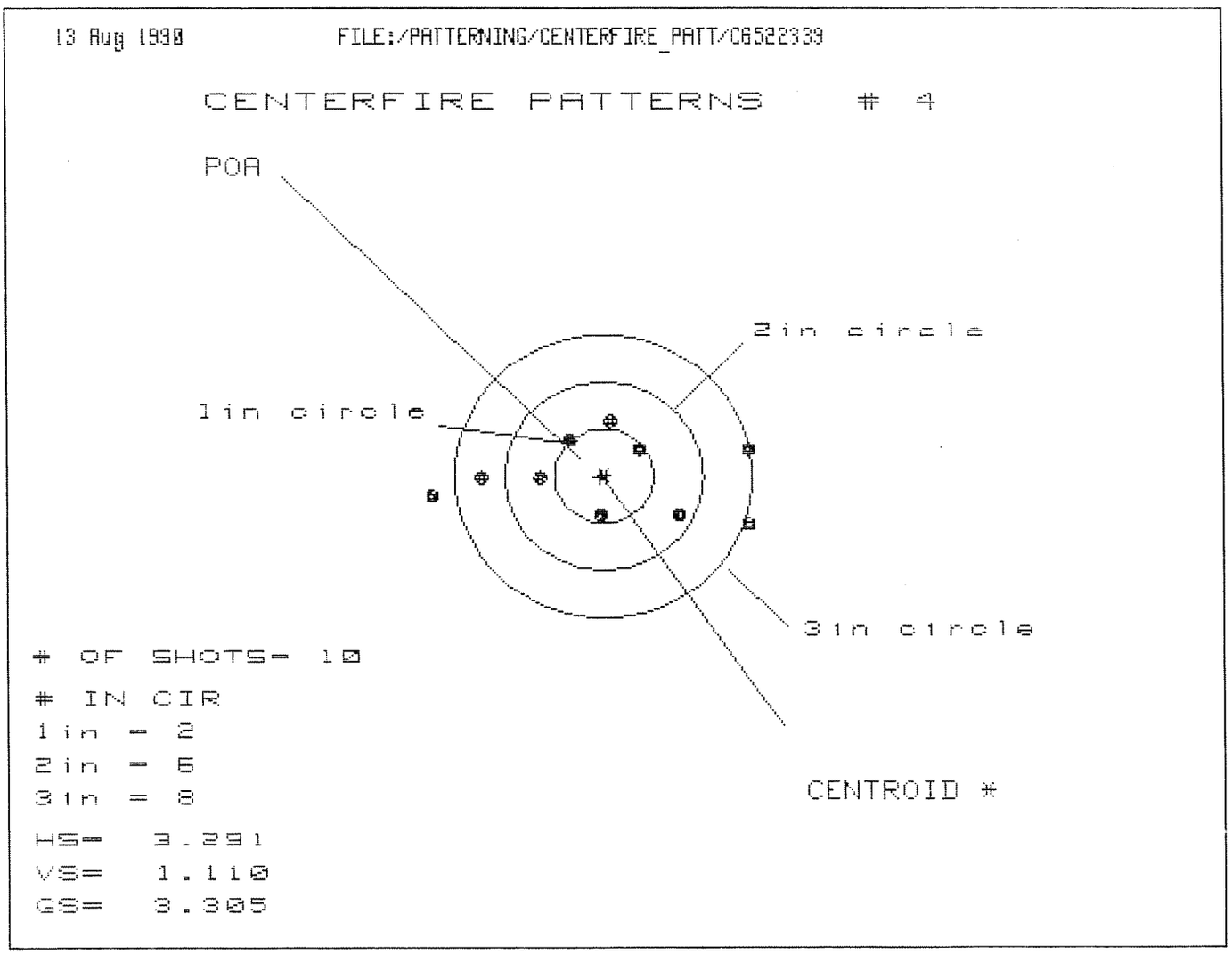
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.896	.767	.523
MINIMUM X	:	-1.160	-.744	-.648
MAXIMUM Y	:	1.013	1.084	1.010
MINIMUM Y	:	-.949	-.878	-.952
CENTROID X	:	-.286	-.157	-.253
CENTROID Y	:	-.799	-.870	-.796
POA TO CENTROID in.	:	.848	.884	.835
MIN RADIUS	:	.536	.632	.537
MEAN RADIUS	:	.915	.864	.838
MAX RADIUS	:	1.326	1.150	1.050
HORIZONTAL SPREAD	:	2.056	1.511	1.171
VERTICAL SPREAD	:	1.962	1.962	1.962
EXTREME SPREAD	:	2.437	2.072	2.072
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.348	.600	.494
MINIMUM X	:	-.992	-.842	-.579
MAXIMUM Y	:	1.070	1.010	.923
MINIMUM Y	:	-.859	-.919	-1.006
CENTROID X	:	-.283	-.433	-.327
CENTROID Y	:	.351	.411	.498
POA TO CENTROID in.	:	.451	.597	.596
MIN RADIUS	:	.123	.104	.044
MEAN RADIUS	:	.742	.639	.564
MAX RADIUS	:	1.452	1.094	1.028
HORIZONTAL SPREAD	:	2.340	1.442	1.073
VERTICAL SPREAD	:	1.929	1.929	1.929
EXTREME SPREAD	:	2.342	1.943	1.943
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



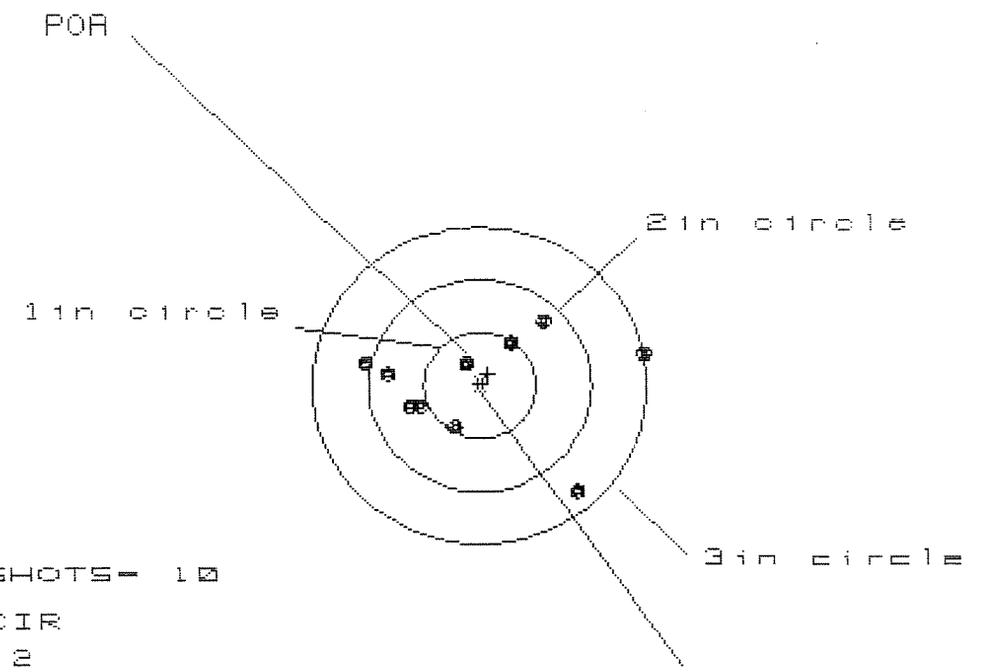
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.093	.927	.896
MINIMUM X	:	-1.488	-1.046	-.930
MAXIMUM Y	:	1.007	1.068	.731
MINIMUM Y	:	-1.030	-.969	-.836
CENTROID X	:	-.077	.089	-.027
CENTROID Y	:	.500	.439	.305
POA TO CENTROID in.	:	.506	.448	.307
MIN RADIUS	:	.370	.229	.214
MEAN RADIUS	:	.938	.840	.743
MAX RADIUS	:	1.586	1.414	1.183
HORIZONTAL SPREAD	:	2.581	1.973	1.826
VERTICAL SPREAD	:	2.037	2.037	1.567
EXTREME SPREAD	:	2.621	2.351	1.952
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.507	1.309	1.403
MINIMUM X	:	-1.784	-1.418	-1.254
MAXIMUM Y	:	.616	.594	.530
MINIMUM Y	:	-.494	-.516	-.535
CENTROID X	:	.041	.239	.075
CENTROID Y	:	.013	.035	.099
POA TO CENTROID in.	:	.043	.242	.125
MIN RADIUS	:	.454	.317	.403
MEAN RADIUS	:	.962	.863	.773
MAX RADIUS	:	1.794	1.419	1.421
HORIZONTAL SPREAD	:	3.291	2.727	2.657
VERTICAL SPREAD	:	1.110	1.110	1.065
EXTREME SPREAD	:	3.305	2.768	2.678
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Aug 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6522339

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 9
HS= 2.507
VS= 1.601
GS= 2.510

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.498	1.054	.910
MINIMUM X	:	-1.009	-.843	-.711
MAXIMUM Y	:	.594	.631	.509
MINIMUM Y	:	-1.007	-.970	-.526
CENTROID X	:	-.071	-.237	-.369
CENTROID Y	:	-.105	-.142	-.021
POA TO CENTROID in.	:	.127	.277	.370
MIN RADIUS	:	.249	.243	.198
MEAN RADIUS	:	.806	.686	.564
MAX RADIUS	:	1.534	1.433	1.043
HORIZONTAL SPREAD	:	2.507	1.897	1.621
VERTICAL SPREAD	:	1.601	1.601	1.035
EXTREME SPREAD	:	2.510	2.257	1.664
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

SWS TRIGGER PULL TEST

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

SERIAL NO C6522339
DATE 9-7-90
TESTER JC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.23	2.19	2.35	MIN. SETTING,
PULL #2	2.29	2.17	2.14	2.19	NO AVG. OF 5
PULL #3	2.36	2.20	2.17	2.24	READINGS ACCEPT-
PULL #4	2.42	2.13	2.18	2.44	ABLE LESS THAN 2#
PULL #5	2.28	2.14	2.20	2.31	
TOTAL	11.62	10.87	10.88	11.53	
AVG.	2.324	2.174	2.176	2.306	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.30		
PULL #2	3.19	3.21		
PULL #3	3.26	3.14		
PULL #4	3.26	3.38		
PULL #5	3.32	3.47		
TOTAL	16.33	16.50		
AVG.	3.266	3.3		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.47		4.47
PULL #2	4.37	4.50		4.30
PULL #3	4.48	4.36		4.50
PULL #4	4.35	4.30		4.39
PULL #5	4.40	4.47		4.30
TOTAL	22.05	22.10		21.94
AVG.	4.41	4.42		4.388

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522339

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	G.S.
617	Drill and Tap Sight Holes		7/13/90	KB
618	Polish Barrel RB		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-7-90	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/2/90	JH
	G) Safety Off Force	3	3	3			8/2/90	JH
	H) Trigger Pull Test & Retainability						9-7-90	JH
	I) Firing Pin Indent	.023	.023	.0225			8/2/90	JH
	J) Assemble Stock						8/9/90	RW
	K) Assemble Swivel Studs						8/9/90	RW
	L) Attach Front and Rear Sight Assemblies						8/9/90	RW
	M) Iron Sight Alignment						8/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/9/90	RW
	O) Attach Scope to Rifle						8/9/90	RW
	P) Detach & Attach Scope 20 Times						8/9/90	RW
640	Gallery Target & Test						8-13-90	DH
	A) Time						8-13-90	DH
	B) Malfunctions						8-13-90	DH
	C) Pierced Primers						~~FS~~ 8-13-90	DH
	D) Optical Clearity of Scope						8-13-90	DH
645	Inspect for Live Ammo						8-13-90	DH
655	Final Inspection A) Headspace						9/9/90	JS
	B) Trigger Pull	2.35	2.19	2.24	2.44	2.31	9-7-90	JH
	C) Function						9/9/90	JS
660	Pack						9-18-90	JH