C652326

MODEL 700™ M24

Model SWS™

Action

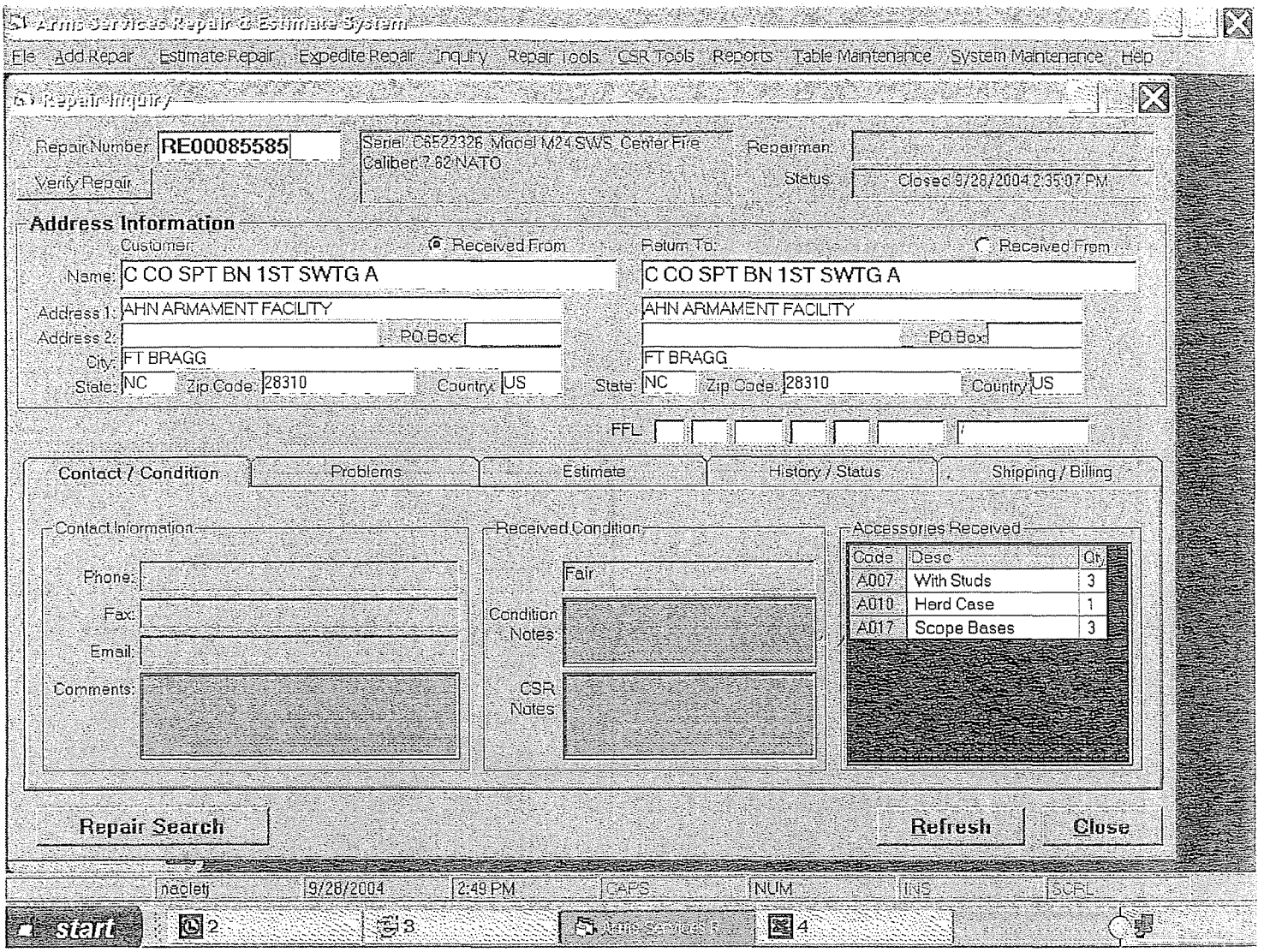
Barrel Length

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: RE00085585
Verify Repair
Serial: C8522326 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 9/28/2004 2:35:07 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
nacletj 9/28/2004 2:49 PM CAPS NUM INS SCRL
start


Serial Number: C6522326
Model: M24 SWS
RE00085585

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522326.__0
FILE DATE AND TIME: 10/18/2004 06:55

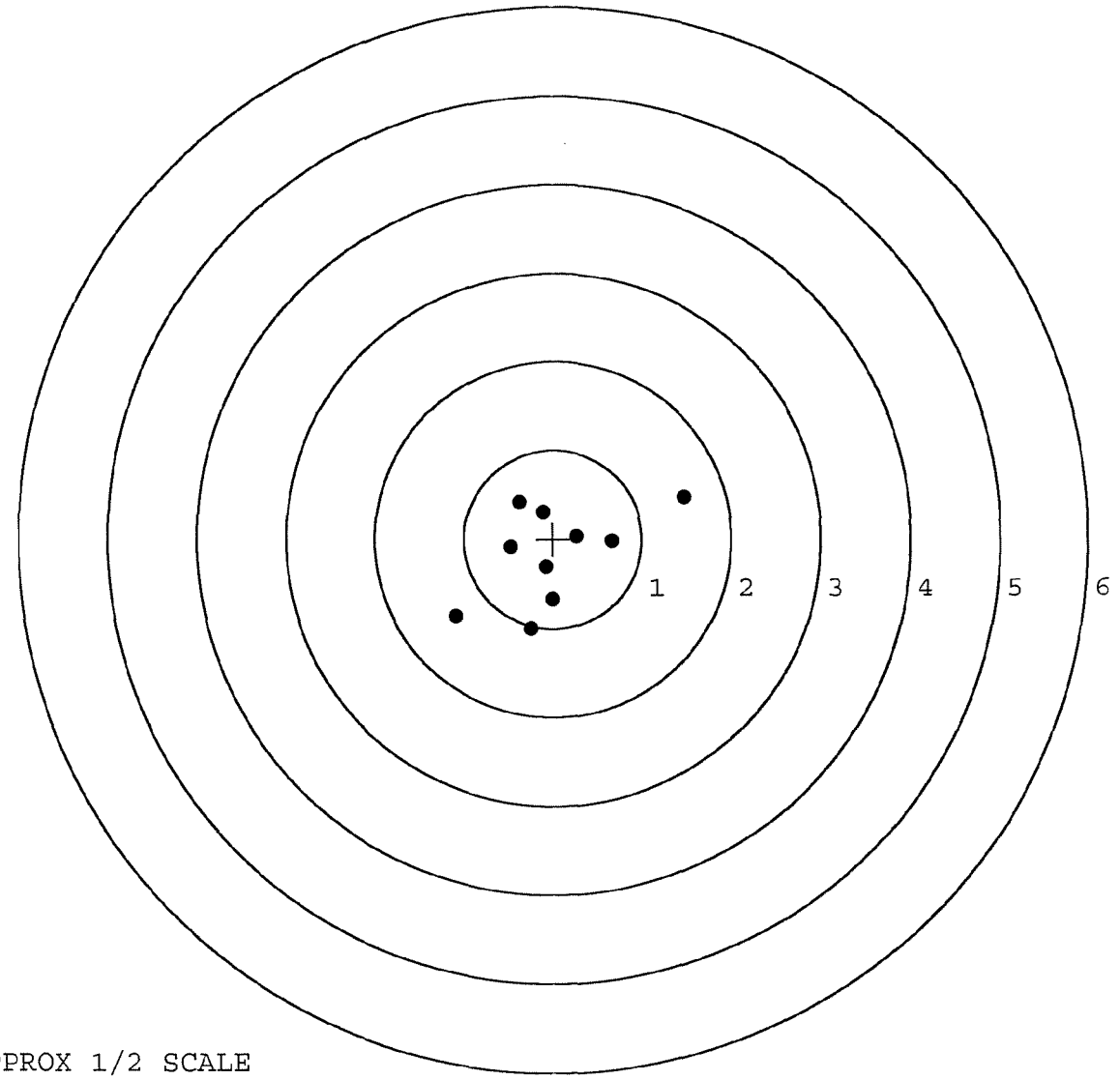
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.019
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.045
The Average Mean Radius of the Five Target Set:	0.738
The Distance from POA to Centroid Target #1:	0.178
The Distance from Centroid Target #2 to Centroid Target #1:	0.097
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.457
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

SERIAL NUMBER: C6522326.__0
TARGET NUMBER: 1
FILE DATE: 10/18/2004
FILE TIME: 06:55

X CENTROID:	-0.002
Y CENTROID:	-0.178
POA TO CENTROID:	0.178
HORZ SPREAD:	2.564
VERT SPREAD:	1.480
GROUP SPREAD:	2.892
MIN RADIUS:	0.159
MAX RADIUS:	1.606
MEAN RADIUS:	0.714
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.469	0.468
2:	-1.095	-0.869
3:	-0.248	-1.012
4:	-0.013	-0.685
5:	-0.084	-0.314
6:	-0.478	-0.089
7:	-0.380	0.414
8:	-0.119	0.306
9:	0.265	0.027
10:	0.666	-0.024

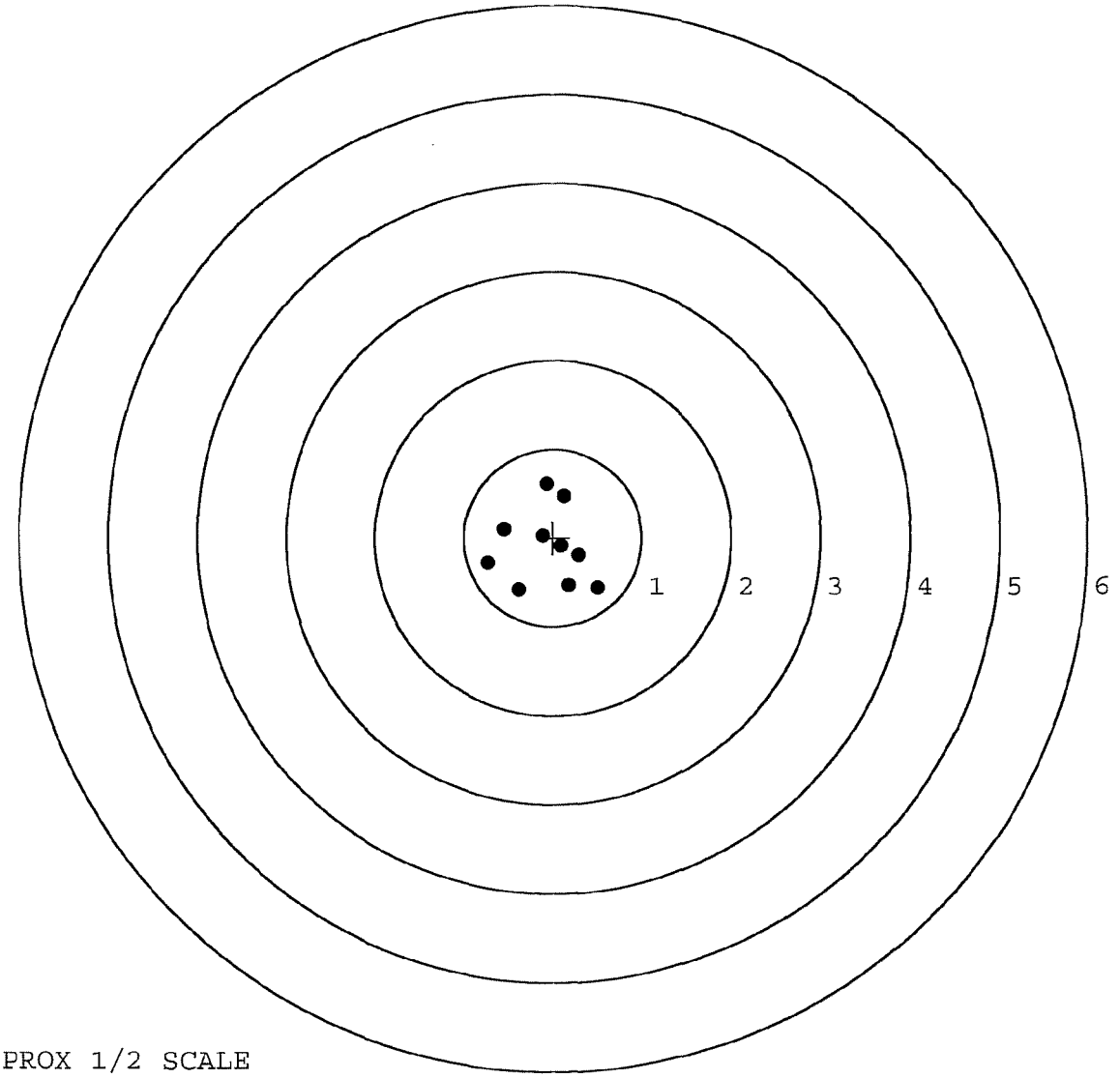


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522326.__0
TARGET NUMBER: 2
FILE DATE: 10/18/2004
FILE TIME: 06:55

X CENTROID:	-0.068
Y CENTROID:	-0.107
POA TO CENTROID:	0.127
HORZ SPREAD:	1.236
VERT SPREAD:	1.202
GROUP SPREAD:	1.315
MIN RADIUS:	0.140
MAX RADIUS:	0.736
MEAN RADIUS:	0.502
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.505	-0.568
2:	0.174	-0.540
3:	0.291	-0.198
4:	0.093	-0.095
5:	-0.387	-0.592
6:	-0.731	-0.281
7:	-0.553	0.103
8:	0.123	0.467
9:	-0.079	0.610
10:	-0.119	0.023

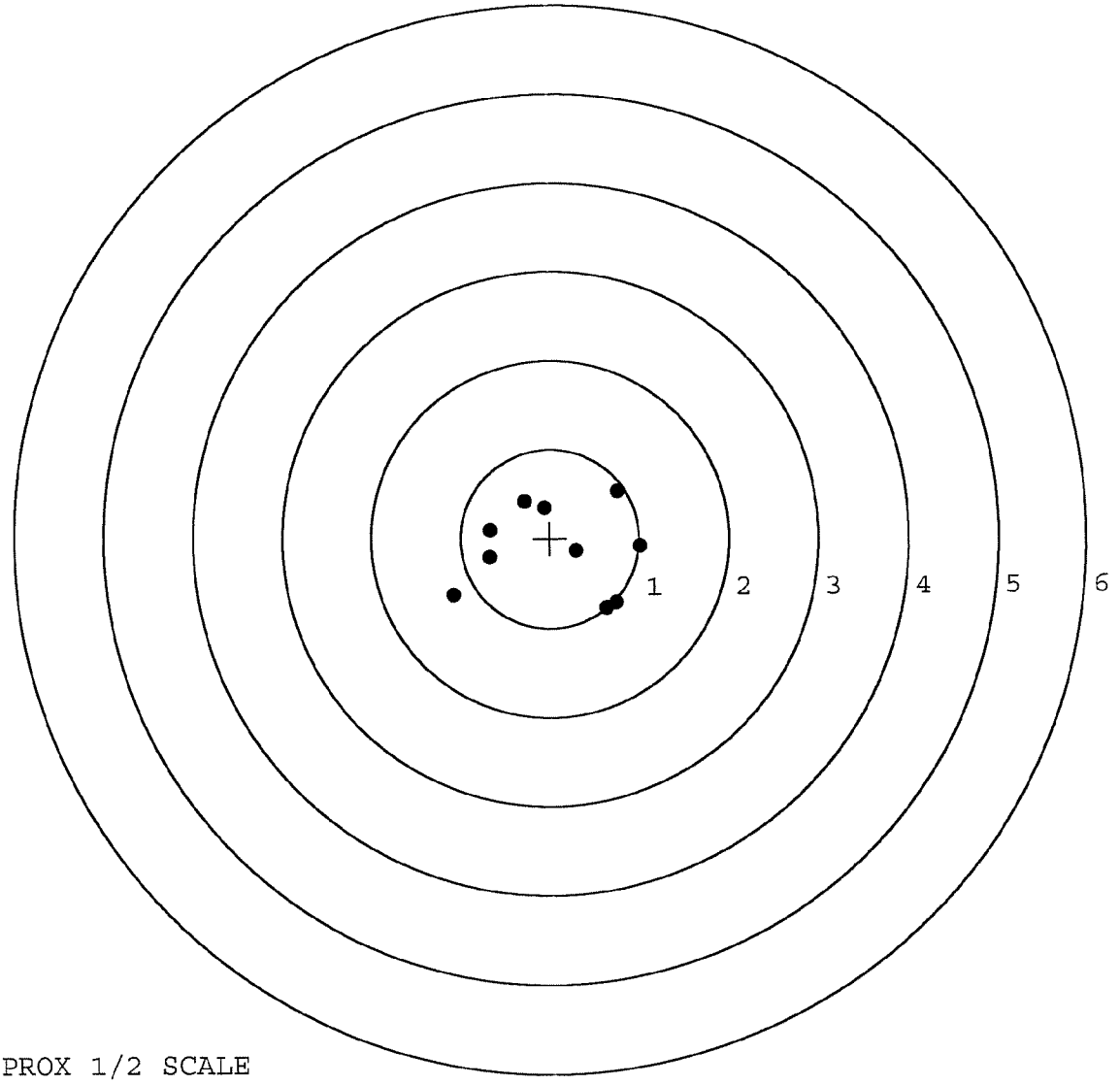


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522326.__0
TARGET NUMBER: 3
FILE DATE: 10/18/2004
FILE TIME: 06:55

X CENTROID:	0.065
Y CENTROID:	-0.120
POA TO CENTROID:	0.137
HORZ SPREAD:	2.095
VERT SPREAD:	1.308
GROUP SPREAD:	2.170
MIN RADIUS:	0.226
MAX RADIUS:	1.256
MEAN RADIUS:	0.778
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.632	-0.782
2:	0.738	-0.721
3:	1.013	-0.099
4:	0.754	0.526
5:	0.290	-0.146
6:	-0.062	0.345
7:	-0.284	0.417
8:	-0.667	0.098
9:	-0.678	-0.208
10:	-1.082	-0.631

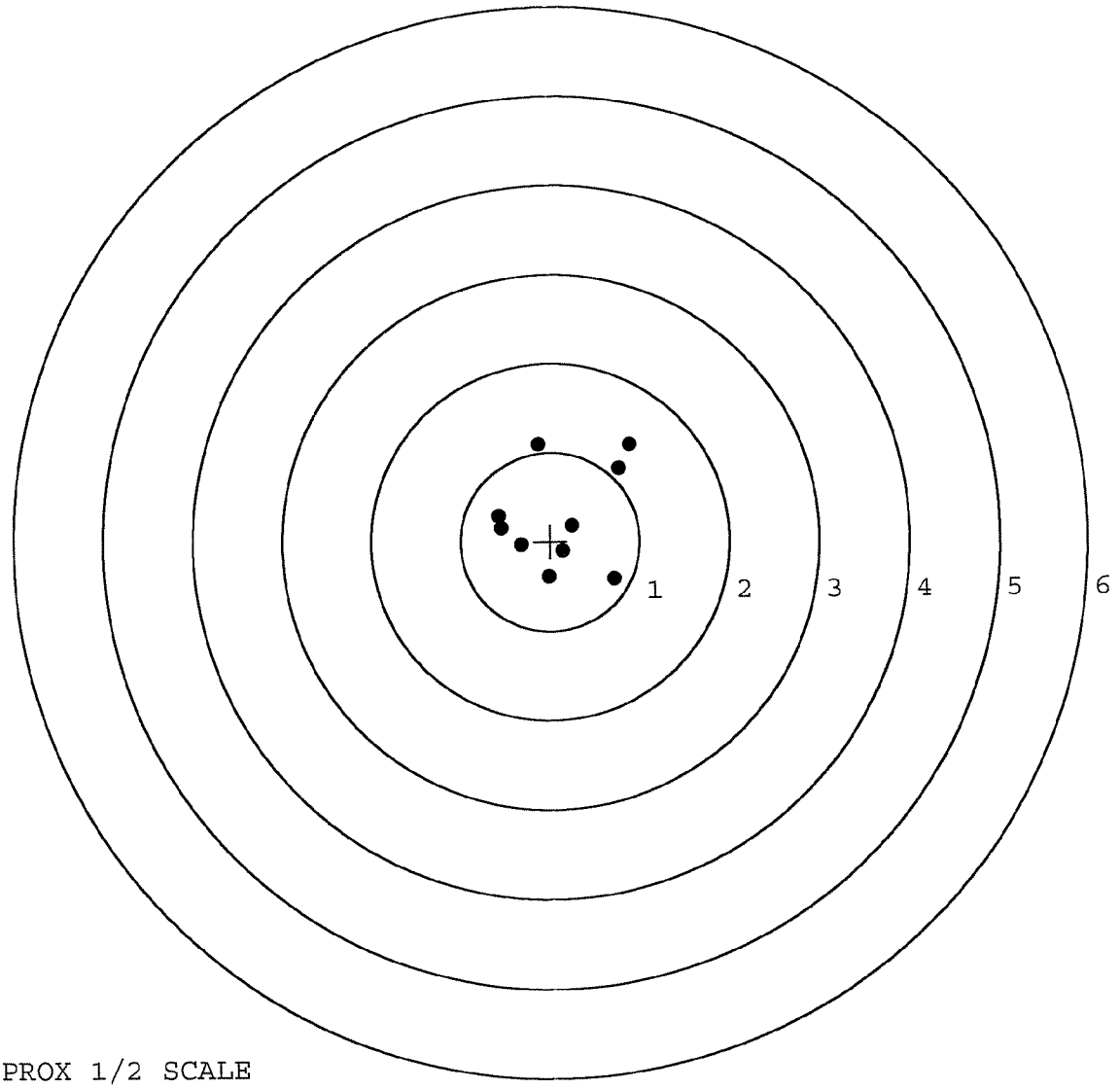


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522326.__0
TARGET NUMBER: 4
FILE DATE: 10/18/2004
FILE TIME: 06:55

X CENTROID:	0.113
Y CENTROID:	0.264
POA TO CENTROID:	0.288
HORZ SPREAD:	1.471
VERT SPREAD:	1.508
GROUP SPREAD:	1.735
MIN RADIUS:	0.155
MAX RADIUS:	1.128
MEAN RADIUS:	0.686
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.707	-0.420
2:	0.767	0.820
3:	0.891	1.082
4:	-0.128	1.088
5:	-0.580	0.290
6:	-0.548	0.154
7:	0.240	0.175
8:	-0.021	-0.394
9:	-0.333	-0.037
10:	0.138	-0.113

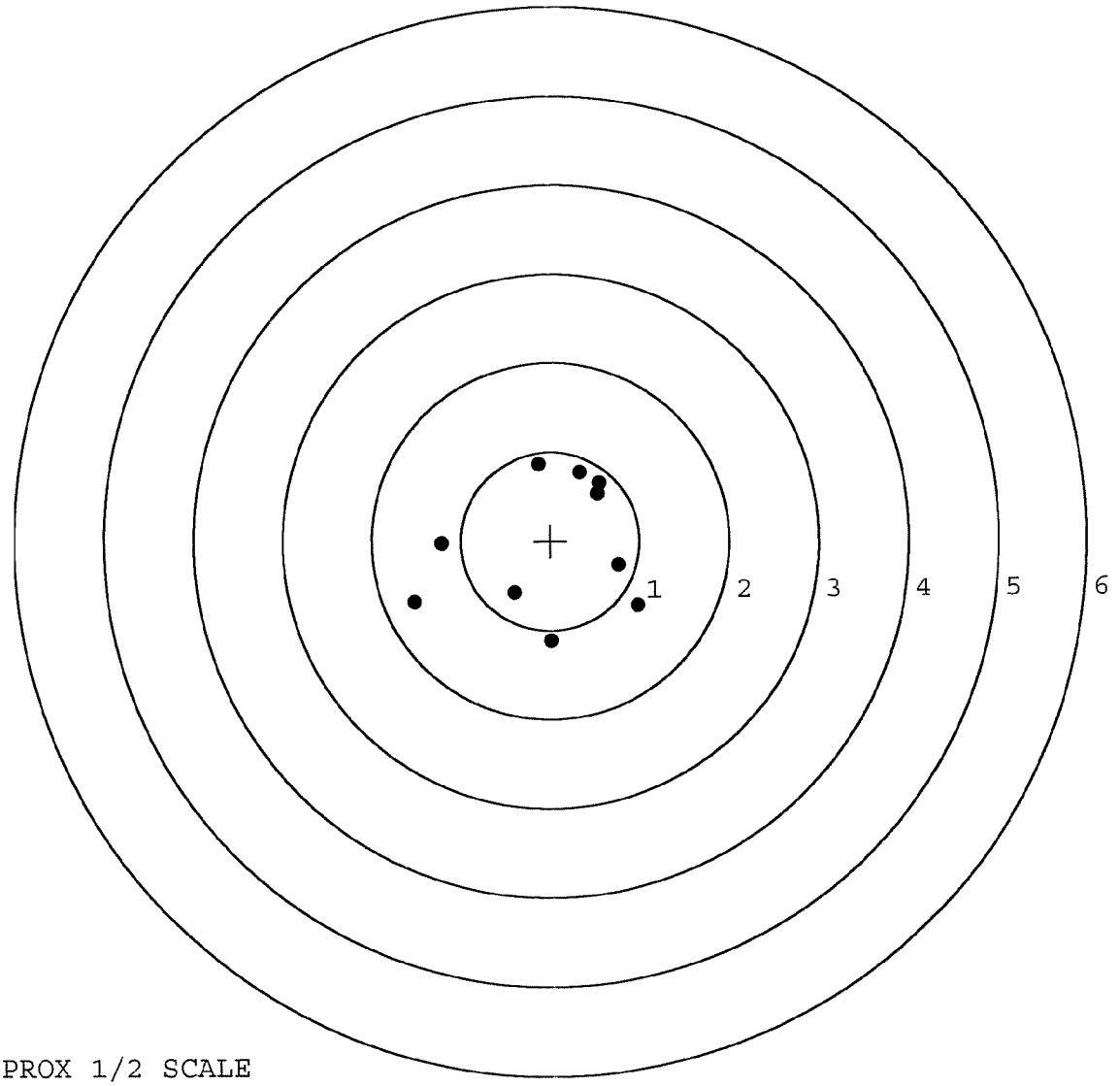


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522326.__0
TARGET NUMBER: 5
FILE DATE: 10/18/2004
FILE TIME: 06:55

X CENTROID:	-0.012
Y CENTROID:	-0.060
POA TO CENTROID:	0.061
HORZ SPREAD:	2.500
VERT SPREAD:	1.982
GROUP SPREAD:	2.501
MIN RADIUS:	0.654
MAX RADIUS:	1.631
MEAN RADIUS:	1.009
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.979	-0.732
2:	0.761	-0.278
3:	0.002	-1.122
4:	-0.410	-0.579
5:	-1.521	-0.678
6:	-1.219	-0.024
7:	0.533	0.533
8:	0.547	0.653
9:	0.337	0.769
10:	-0.127	0.860



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
C6522326			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
	1039			

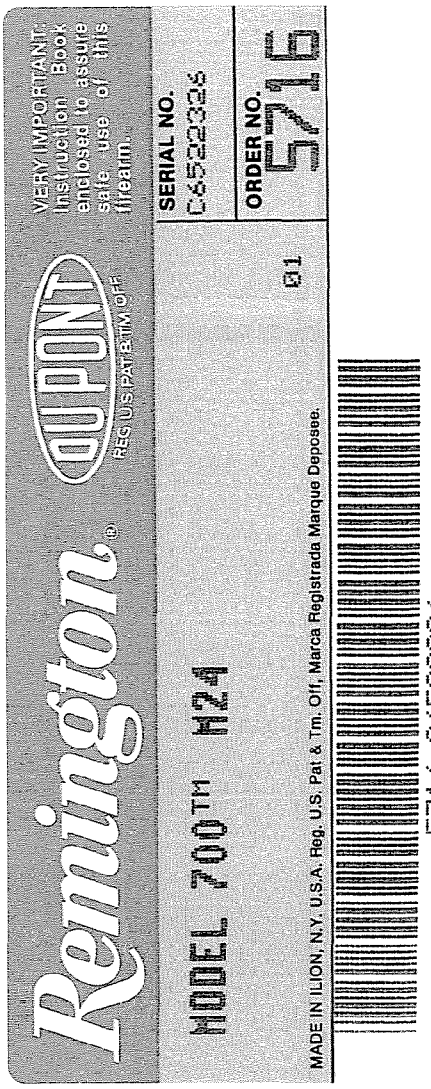
TM ITEM NO. *a*	STATUS *b*	DEFICIENCIES AND SHORTCOMINGS *c*	CORRECTIVE ACTION *d*	INITIAL WHEN CORRECTED *e*
1	(-)	10,000 ROUNDS COUNT		

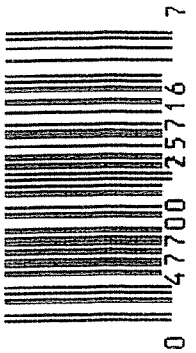
DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

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

R & E NUMBER	85585		
SERIAL NUMBER	C6522326		
LOG-IN DATE	9-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-27-04	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	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	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	
625 A	FINAL ASSEMBLY	10-16-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-18-04	TRW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-2-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED OPERATOR

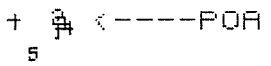

Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24
SERIAL NO.
C6522326
ORDER NO.
516
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6522326


UPC
0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522326
31 Aug 1990

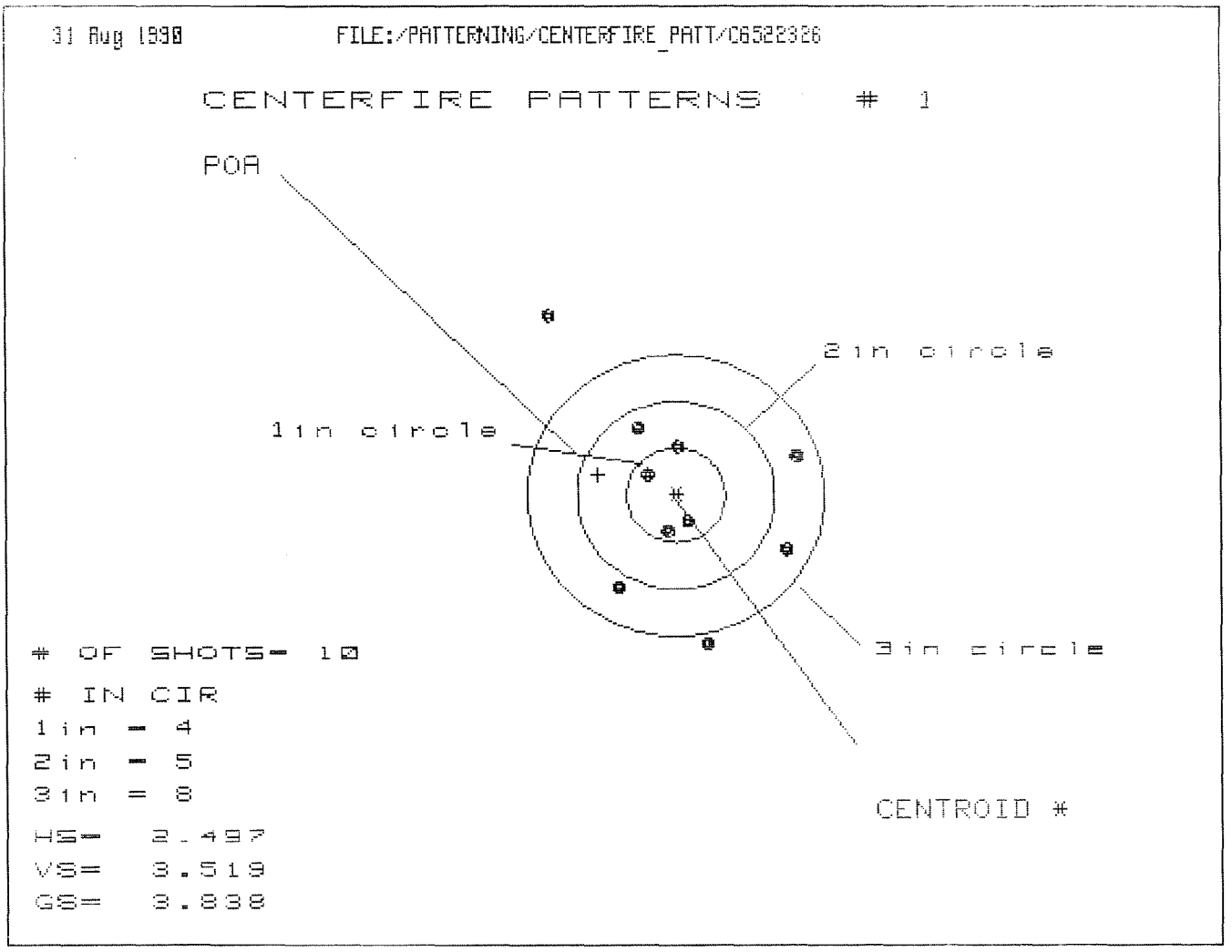
CENTROIDAL DISTANCES

0	TO	1	.81675
1	TO	2	.298304
1	TO	3	.20359
1	TO	4	.258048
1	TO	5	.579884

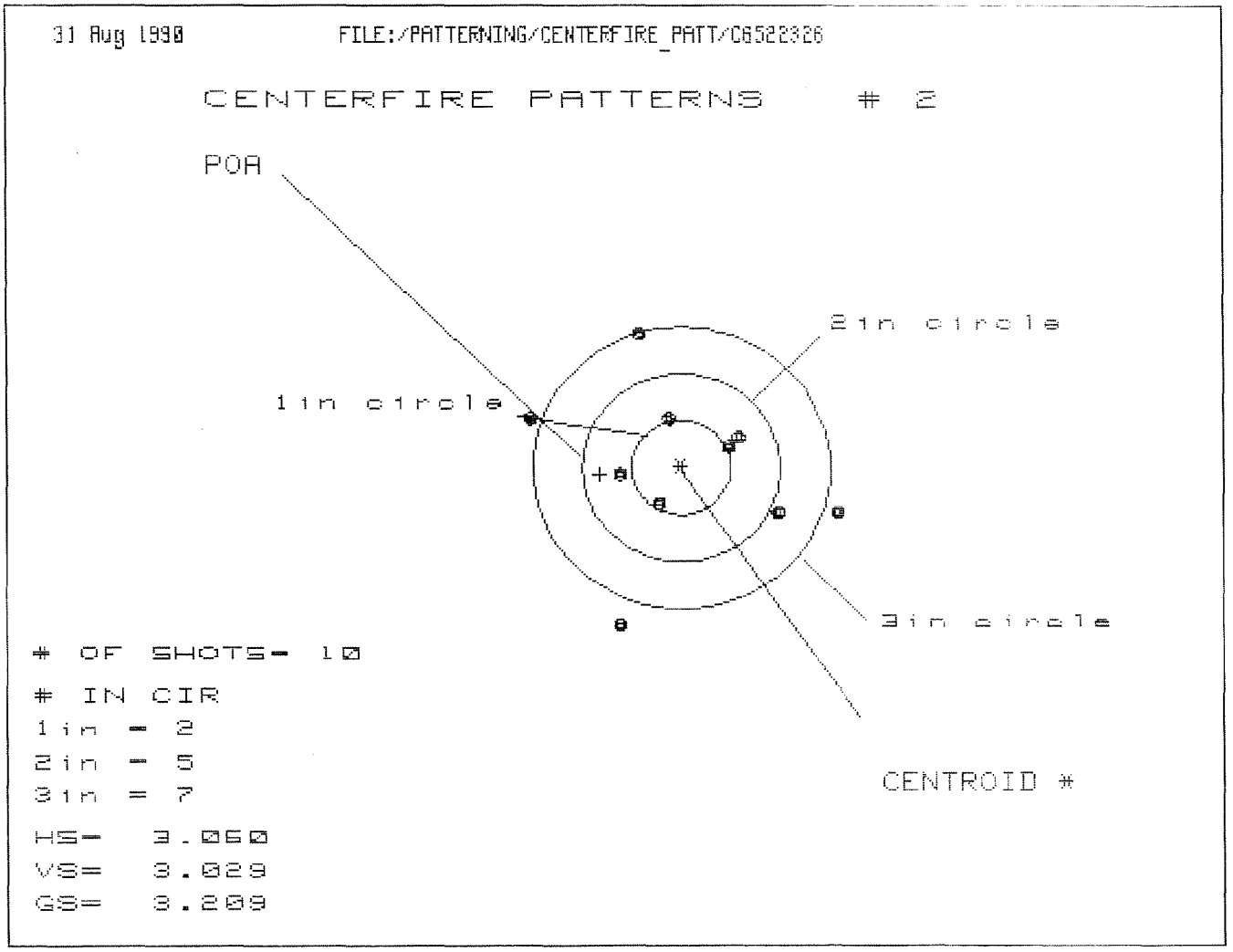


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .7736
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1804
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .794356

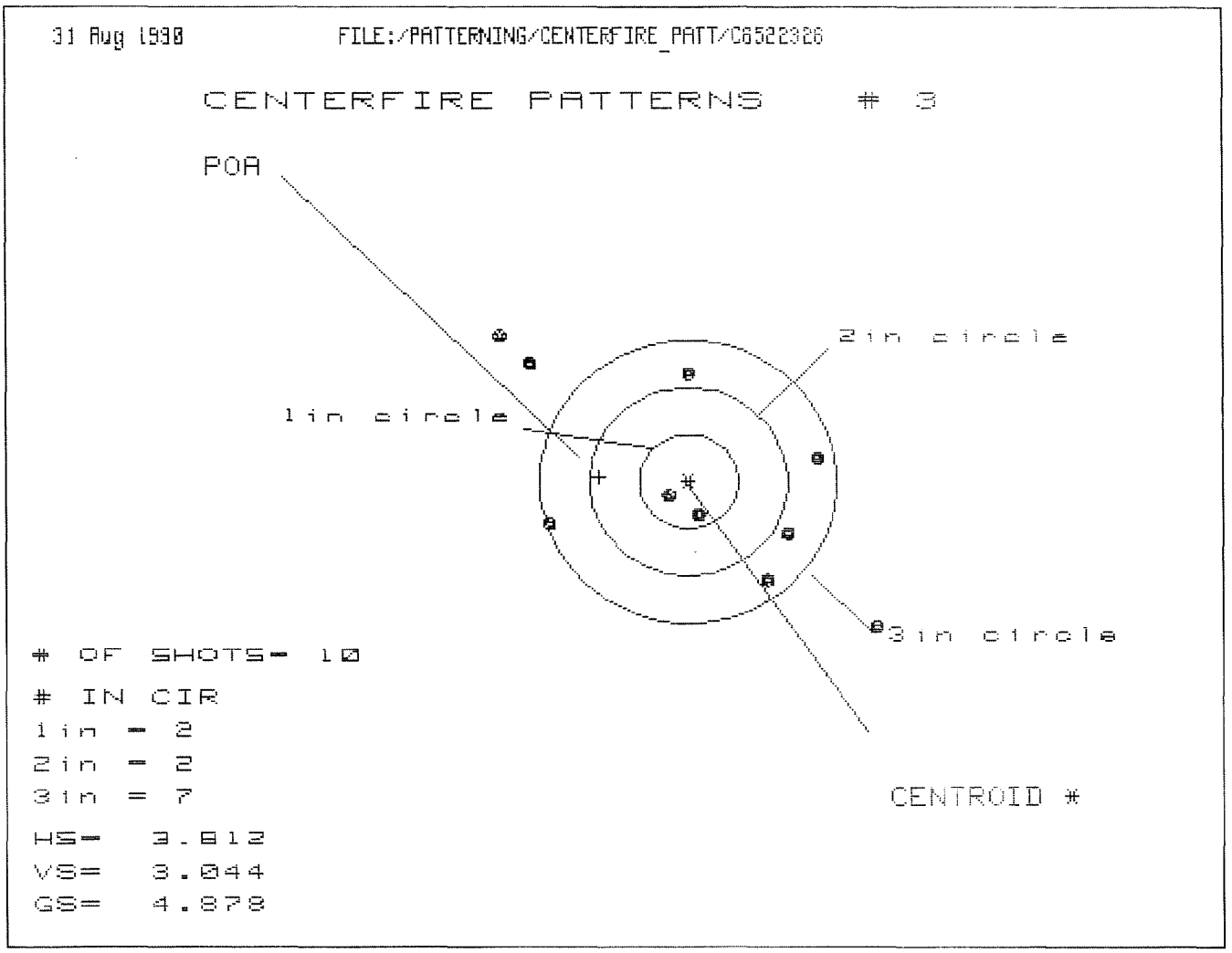
THE AMR FOR THIS RIFLE IS: 1.168



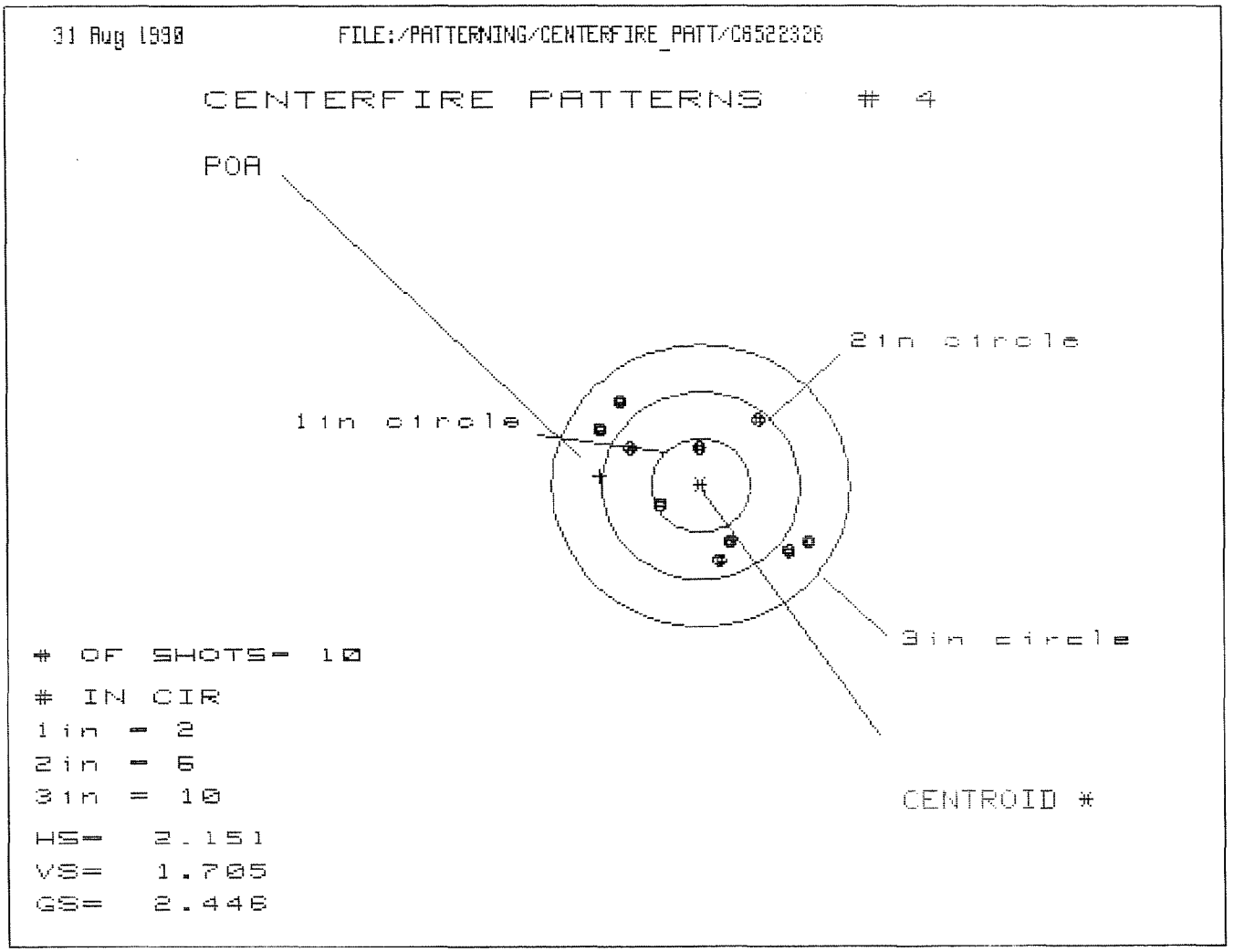
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.235	1.095	1.111
MINIMUM X	:	-1.262	-.746	-.730
MAXIMUM Y	:	1.933	.980	.808
MINIMUM Y	:	-1.586	-1.371	-.971
CENTROID X	:	.786	.926	.909
CENTROID Y	:	-.222	-.437	-.265
POA TO CENTROID in.	:	.816	1.024	.947
MIN RADIUS	:	.258	.054	.200
MEAN RADIUS	:	1.007	.845	.775
MAX RADIUS	:	2.308	1.377	1.214
HORIZONTAL SPREAD	:	2.497	1.841	1.841
VERTICAL SPREAD	:	3.519	2.351	1.779
EXTREME SPREAD	:	3.838	2.448	2.336
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



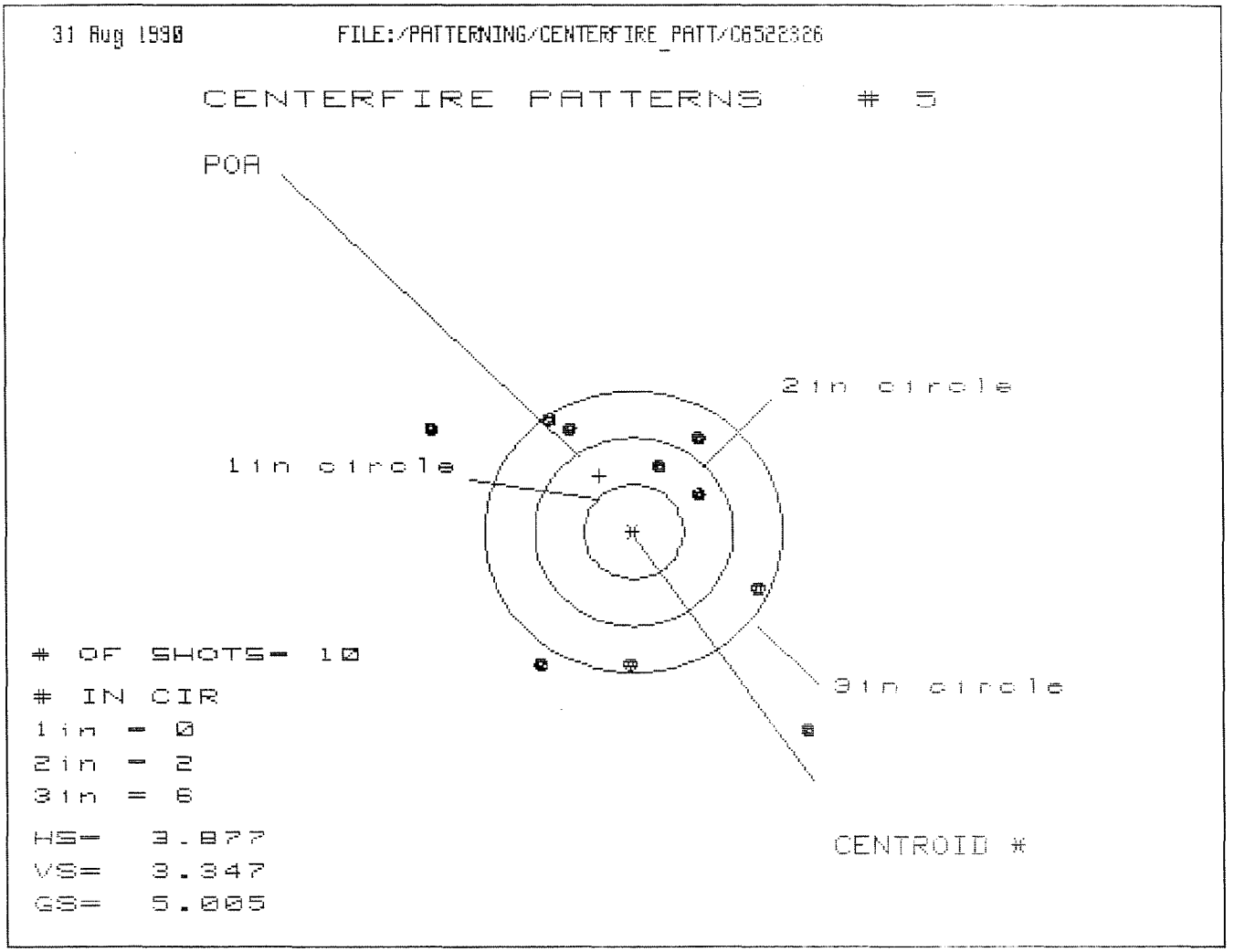
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	1.469	1.270
MINIMUM X	:	-1.522	-1.591	-.920
MAXIMUM Y	:	1.379	1.196	1.238
MINIMUM Y	:	-1.650	-.689	-.647
CENTROID X	:	.823	.891	1.090
CENTROID Y	:	.074	.257	.215
POA TO CENTROID in.	:	.826	.927	1.111
MIN RADIUS	:	.410	.375	.196
MEAN RADIUS	:	1.033	.930	.822
MAX RADIUS	:	1.760	1.625	1.401
HORIZONTAL SPREAD	:	3.060	3.060	2.190
VERTICAL SPREAD	:	3.029	1.885	1.885
EXTREME SPREAD	:	3.209	3.209	2.655
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.946	1.466	1.260
MINIMUM X	:	-1.866	-1.650	-1.628
MAXIMUM Y	:	1.521	1.352	1.297
MINIMUM Y	:	-1.523	-1.210	-1.041
CENTROID X	:	.901	.685	.891
CENTROID Y	:	-.054	.115	-.054
POA TO CENTROID in.	:	.903	.695	.893
MIN RADIUS	:	.277	.328	.269
MEAN RADIUS	:	1.398	1.301	1.138
MAX RADIUS	:	2.471	2.133	2.082
HORIZONTAL SPREAD	:	3.812	3.116	2.888
VERTICAL SPREAD	:	3.044	2.562	2.338
EXTREME SPREAD	:	4.878	3.729	3.409
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.126	.964	.881
MINIMUM X	:	-1.025	-.900	-.983
MAXIMUM Y	:	.870	.803	.726
MINIMUM Y	:	-.835	-.902	-.802
CENTROID X	:	1.016	.891	.974
CENTROID Y	:	-.105	-.038	-.138
POA TO CENTROID in.	:	1.022	.892	.984
MIN RADIUS	:	.357	.323	.394
MEAN RADIUS	:	.881	.822	.792
MAX RADIUS	:	1.278	1.253	1.147
HORIZONTAL SPREAD	:	2.151	1.864	1.864
VERTICAL SPREAD	:	1.705	1.705	1.528
EXTREME SPREAD	:	2.446	2.284	2.269
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.800	1.477	1.243
MINIMUM X	:	-2.077	-1.877	-1.012
MAXIMUM Y	:	1.231	.996	1.098
MINIMUM Y	:	-2.116	-1.659	-1.557
CENTROID X	:	.342	.142	.376
CENTROID Y	:	-.595	-.360	-.462
POA TO CENTROID in.	:	.686	.387	.596
MIN RADIUS	:	.786	.689	.649
MEAN RADIUS	:	1.519	1.345	1.231
MAX RADIUS	:	2.778	2.046	1.805
HORIZONTAL SPREAD	:	3.877	3.354	2.255
VERTICAL SPREAD	:	3.347	2.655	2.655
EXTREME SPREAD	:	5.005	3.736	2.876
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

SWS TRIGGER PULL TEST

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

SERIAL NO C65 22326
DATE 8/28/90
TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.31	2.27	2.07	MIN. SETTING,
PULL #2	2.41	2.33	2.29	2.10	NO AVG. OF 5
PULL #3	2.37	2.38	2.29	2.15	READINGS ACCEPT-
PULL #4	2.38	2.37	2.12	2.07	ABLE LESS THAN 2#
PULL #5	2.23	2.34	2.24	2.10	
TOTAL	11.81	11.73	11.21	10.39	
AVG.	2.362	2.346	2.242	2.078	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.44		
PULL #2	3.18	3.32		
PULL #3	3.46	3.47		
PULL #4	3.39	3.43		
PULL #5	3.39	3.31		
TOTAL	16.56	16.97		
AVG.	3.312	3.394		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.24		4.20
PULL #2	4.27	4.22		4.17
PULL #3	4.23	4.23		4.10
PULL #4	4.23	4.11		4.23
PULL #5	4.29	4.24		4.12
TOTAL	21.15	21.04		20.82
AVG.	4.23	4.208		4.164

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522326

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12	90	RW
600	Proof	7 12	90	RW
607	Check Headspace	7 12	90	RW
610	Dis-assemble Gun	7 12	90	RW
612	Magnaflux Barrel Action		7-17-90	KP
	Magnaflux Bolt		7-17-90	KP
615	Rollmark Caliber		7-17-90	D.A.
617	Drill and Tap Sight Holes		7/23/90	LB
618	Polish Barrel LB		7/24/90	LB
620	Apply Coatings (Barrel Action)		8/6/90	RK
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/90	DH

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	5	5	5		8/28/90	WB
	G) Safety Off Force	7 1/4	7 1/4	7 1/4		8/28/90	WB
	H) Trigger Pull Test & Retainability					8/28/90	RH
	I) Firing Pin Indent	.0225	.0225	.0225		8/28/90	WB
	J) Assemble Stock					8/31/90	RW
	K) Assemble Swivel Studs					9/5/90	RW
	L) Attach Front and Rear Sight Assemblies					8/31/90	RW
	M) Iron Sight Alignment					8/31/90	RW
	N) Detach Front & Rear Sights & place in numbered container					8/31/90	RW
	O) Attach Scope to Rifle					8/31/90	RW
	P) Detach & Attach Scope 20 Times					8/31/90	RW
640	Gallery Target & Test					8-31-90	DH
	A) Time					8-31-90	DH
	B) Malfunctions					8-31-90	DH
	C) Pierced Primers					8-31-90	DH
	D) Optical Clearity of Scope					8-3190	DH
645	Inspect for Live Ammo					8-31-90	DH
655	Final Inspection A) Headspace					9/5/90	RW
	B) Trigger Pull	2.07	2.10	2.15	2.07 2.10	9-4-90	RH
	C) Function					9/5/90	RW
660	Pack					9-18-90	