C625304

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

03/04/08 09:15:53

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: RE00142410

Verify Repair

Serial: C6225304 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 3/4/2008 7:22:05 AM

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
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj 3/4/2008 9:15 AM CAPS NUM

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (*Enter code*) See DA Pamphlets 738-750 and 738-751	
		1005012402136	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

8. MODEL	
9. NOUN	R Cle 7.62 MM SAWP M24
10a ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD	17. PROJECT CODE (*if assigned*)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (*enter Y or N*)	20. ADMIN NO
C6225304	1					

14. MALFUNCTION DESCRIPTION (*for DSU, GSU/AVIM, DEPOT use*)	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 C6225304

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
M ROMERO JT	Bentley	080802			

34b. DATE	35b. STATUS	35d. TIME	36b. STATUS	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME
08/28/02		1030									

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225304.__0
FILE DATE AND TIME: 04/02/2008 11:24

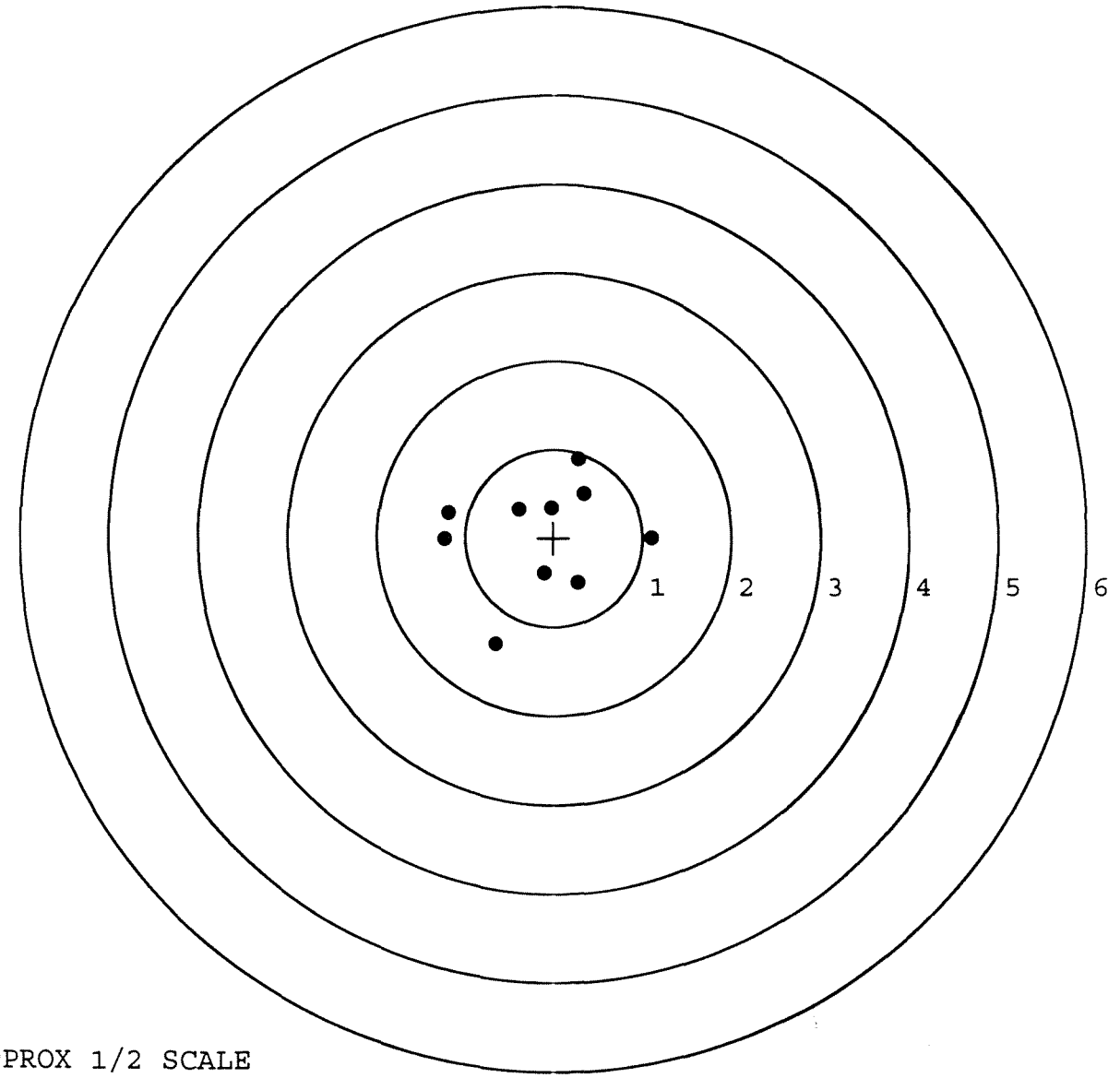
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.076
The Average Y Centroid of the Five Target Set:	0.104
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.779
The Distance from POA to Centroid Target #1:	0.162
The Distance from Centroid Target #2 to Centroid Target #1:	0.220
The Distance from Centroid Target #3 to Centroid Target #1:	0.324
The Distance from Centroid Target #4 to Centroid Target #1:	0.263
The Distance from Centroid Target #5 to Centroid Target #1:	0.635

SERIAL NUMBER: C6225304.__0
TARGET NUMBER: 1
FILE DATE: 04/02/2008
FILE TIME: 11:24

X CENTROID:	-0.161
Y CENTROID:	0.020
POA TO CENTROID:	0.162
HORZ SPREAD:	2.337
VERT SPREAD:	2.083
GROUP SPREAD:	2.284
MIN RADIUS:	0.342
MAX RADIUS:	1.313
MEAN RADIUS:	0.823
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.283	0.887
2:	0.345	0.500
3:	1.102	0.002
4:	-0.395	0.326
5:	-0.029	0.336
6:	-1.193	0.281
7:	-1.235	-0.018
8:	-0.113	-0.405
9:	0.278	-0.509
10:	-0.655	-1.196

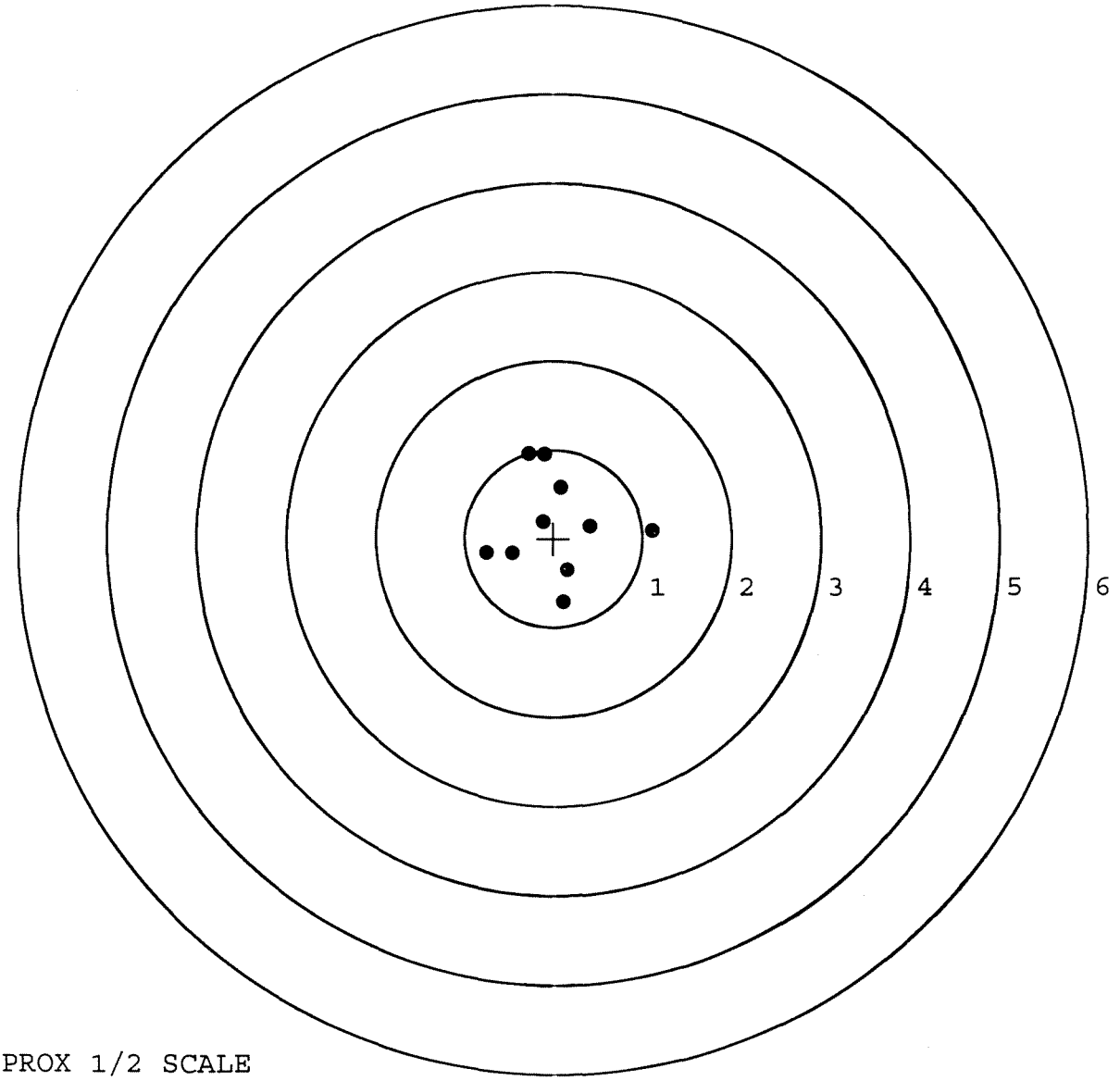


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225304.__0
TARGET NUMBER: 2
FILE DATE: 04/02/2008
FILE TIME: 11:24

X CENTROID:	0.017
Y CENTROID:	0.150
POA TO CENTROID:	0.151
HORZ SPREAD:	1.865
VERT SPREAD:	1.677
GROUP SPREAD:	1.882
MIN RADIUS:	0.138
MAX RADIUS:	1.093
MEAN RADIUS:	0.655
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.277	0.956
2:	-0.102	0.953
3:	0.082	0.579
4:	-0.115	0.191
5:	0.416	0.141
6:	1.108	0.091
7:	-0.757	-0.162
8:	-0.461	-0.168
9:	0.160	-0.362
10:	0.113	-0.721

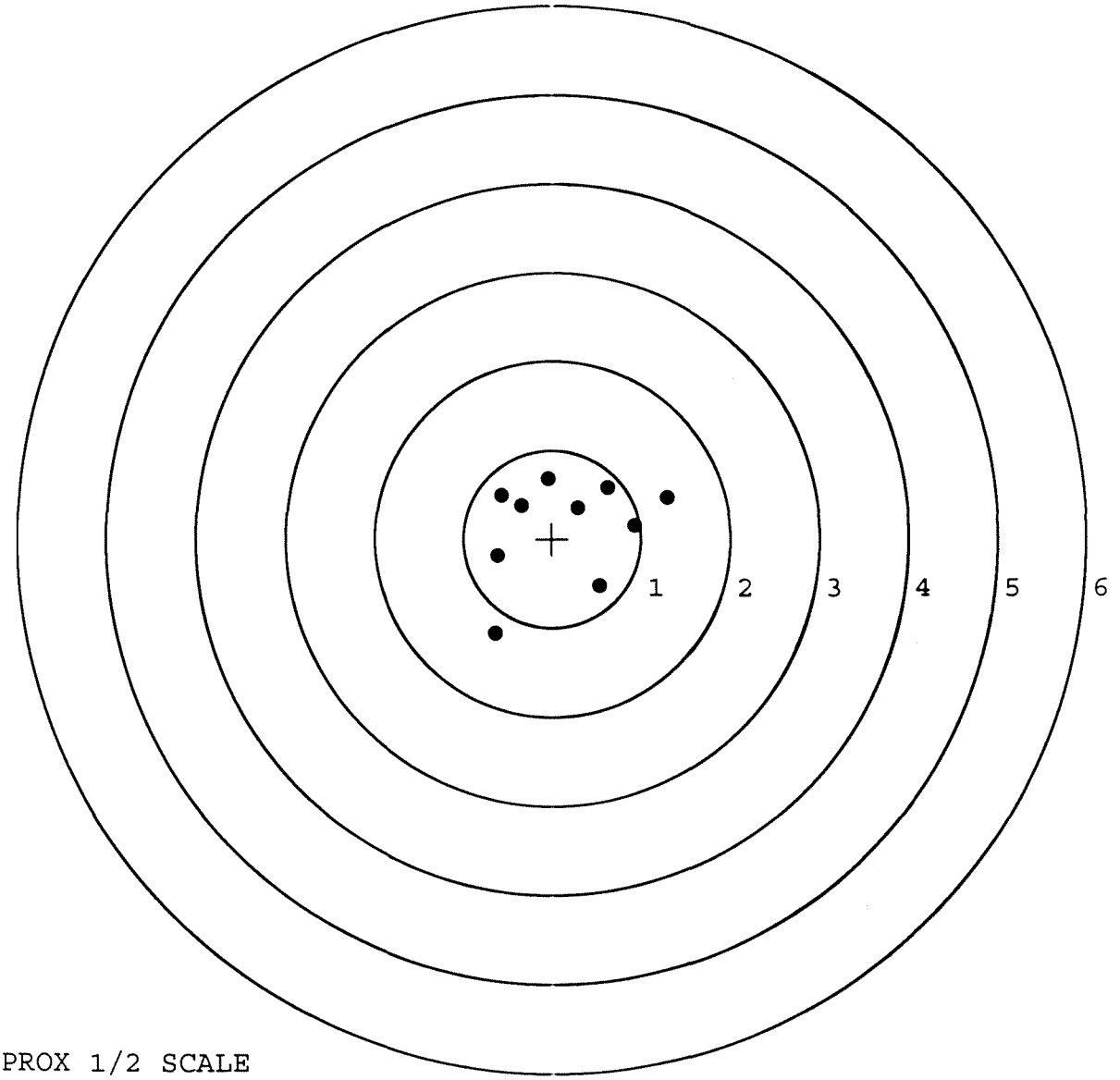


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225304.__0
TARGET NUMBER: 3
FILE DATE: 04/02/2008
FILE TIME: 11:24

X CENTROID:	0.144
Y CENTROID:	0.128
POA TO CENTROID:	0.193
HORZ SPREAD:	1.935
VERT SPREAD:	1.751
GROUP SPREAD:	2.469
MIN RADIUS:	0.266
MAX RADIUS:	1.434
MEAN RADIUS:	0.788
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.047	0.680
2:	-0.580	0.488
3:	-0.348	0.375
4:	-0.620	-0.196
5:	-0.643	-1.071
6:	0.536	-0.534
7:	0.292	0.349
8:	0.932	0.153
9:	0.626	0.576
10:	1.292	0.463

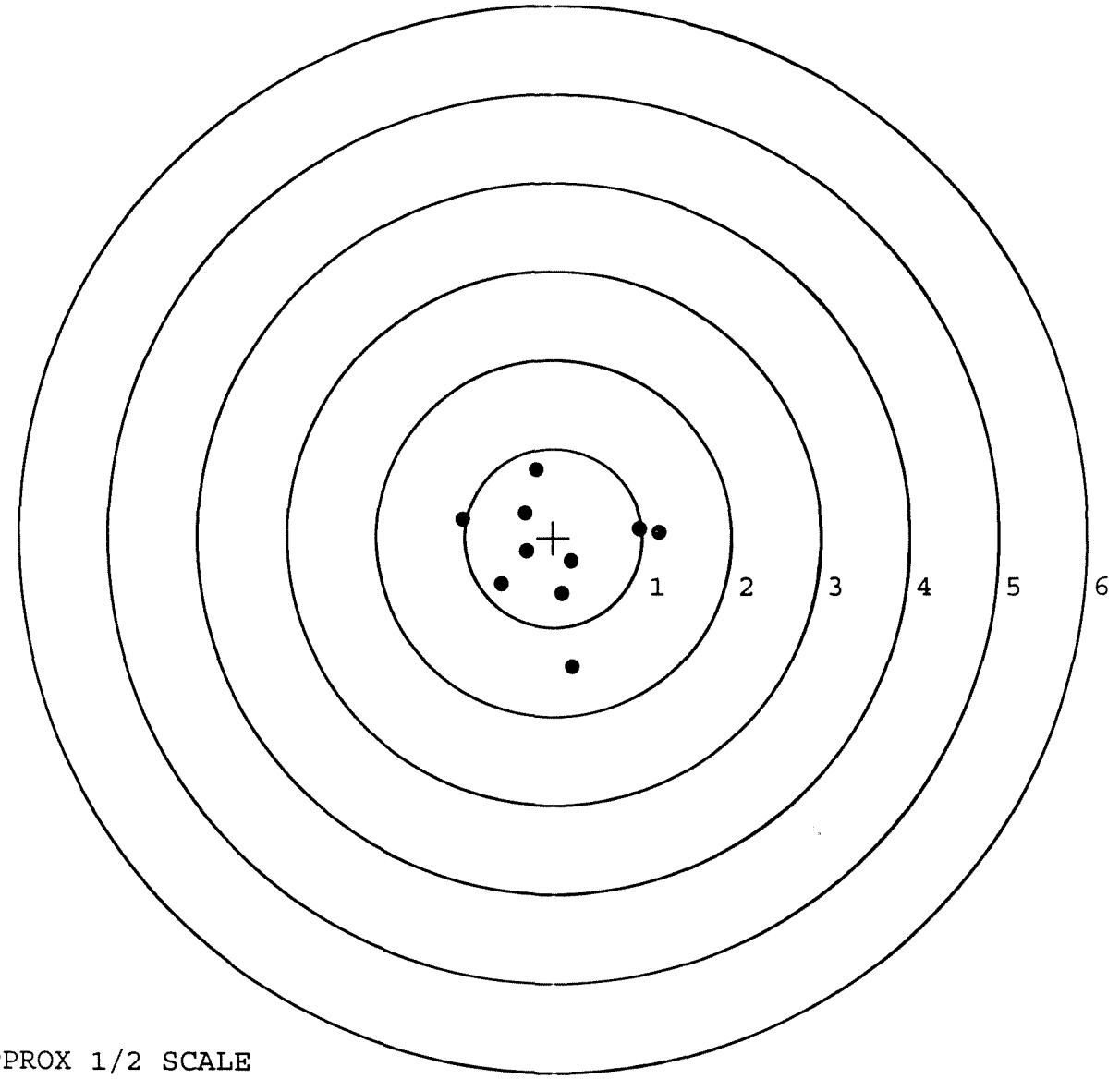


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225304.__0
TARGET NUMBER: 4
FILE DATE: 04/02/2008
FILE TIME: 11:24

X CENTROID:	0.024
Y CENTROID:	-0.166
POA TO CENTROID:	0.168
HORZ SPREAD:	2.214
VERT SPREAD:	2.218
GROUP SPREAD:	2.256
MIN RADIUS:	0.205
MAX RADIUS:	1.301
MEAN RADIUS:	0.780
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.194	0.765
2:	-0.316	0.267
3:	-1.024	0.202
4:	-0.300	-0.166
5:	-0.593	-0.530
6:	0.095	-0.632
7:	0.202	-0.268
8:	0.969	0.097
9:	1.190	0.055
10:	0.216	-1.453

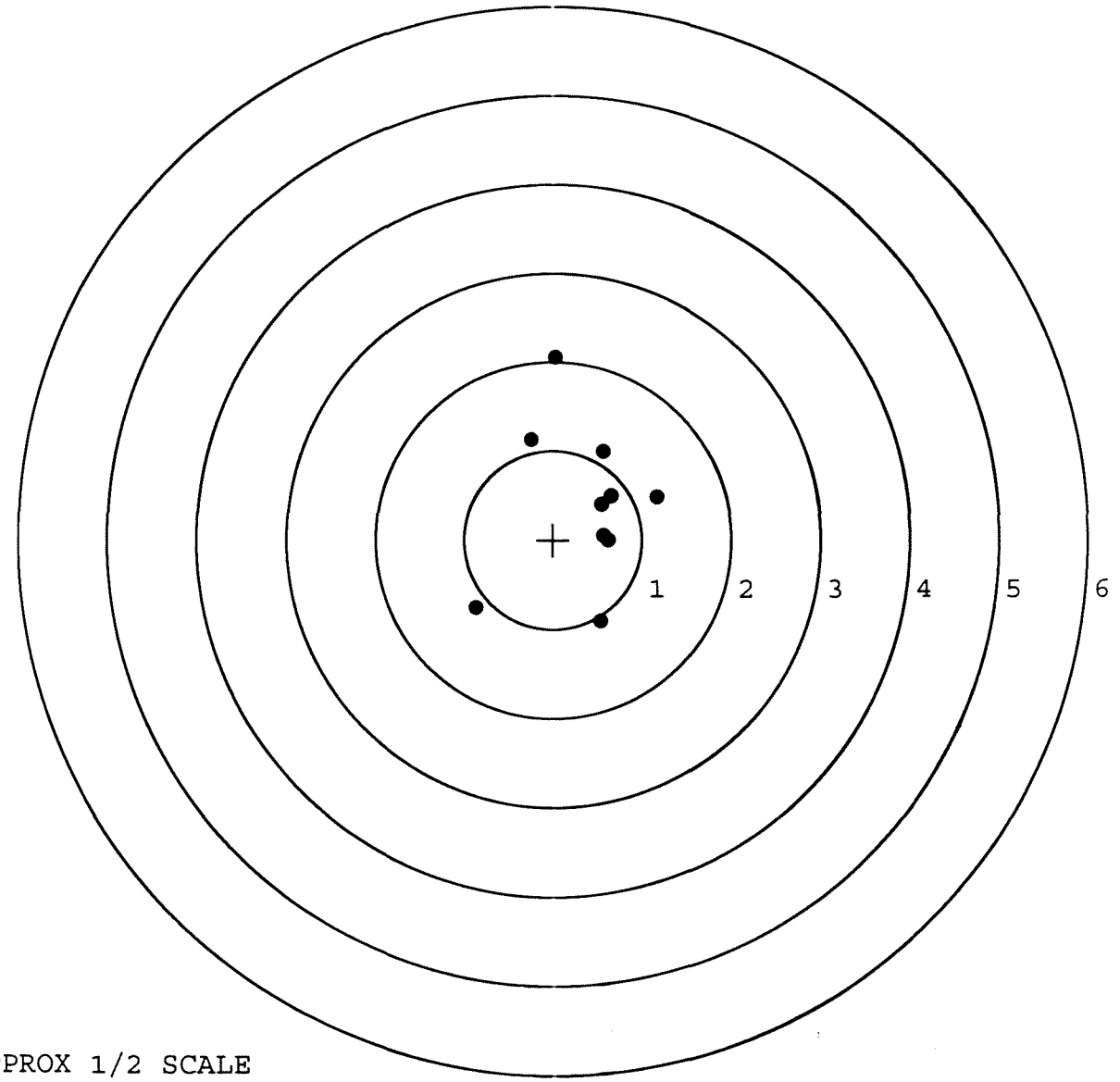


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225304.__0
TARGET NUMBER: 5
FILE DATE: 04/02/2008
FILE TIME: 11:24

X CENTROID:	0.355
Y CENTROID:	0.390
POA TO CENTROID:	0.527
HORZ SPREAD:	2.030
VERT SPREAD:	2.967
GROUP SPREAD:	3.010
MIN RADIUS:	0.186
MAX RADIUS:	1.694
MEAN RADIUS:	0.846
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.252	1.120
2:	0.562	0.992
3:	1.163	0.480
4:	0.541	0.398
5:	0.624	-0.010
6:	-0.867	-0.761
7:	0.537	-0.915
8:	0.029	2.052
9:	0.647	0.489
10:	0.568	0.052



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00142410

SERIAL NUMBER C6225304

LOG-IN DATE 3-3-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-11-08	[illegible]
505	RE-BARREL		3-12-08	[illegible]
560	ASSEMBLE		3-12-08	[illegible]
600	PROOF	MAGNA - FLUX 2008	3-13-08	TRW
605	CHECK HEADSPACE		3-13-08	TRW
610	DIS-ASSEMBLE GUN		3-13-08	[illegible]
612	MAGNAFLUX	OPERATOR [illegible]	3/14/08	[illegible]
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		3/26/08	[illegible]
625	FINAL ASSEMBLY		4-1-08	CTR
640	FUNCTION TEST AND	(PASS) FAIL	4-2-08	SD
650	TARGET	(PASS) FAIL	4-2-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-2-08	TRW
670	FINAL INSPECTION		4/4/08	FM
	A) HEADSPACE	(PASS) FAIL	4/4/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.10 2.11 2.15 2.13 2.09	4/4/08	FM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.5 5 4.5	4/4/08	FM
	G) SAFETY OFF FORCE (2 LBS MIN)	4 4 4	4/4/08	FM
	I) FIRING PIN INDENT .020	.020 .021 .021	4/4/08	FM
690	PACK		4/10/08	FM

M-24

Scope 2
1127

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225304

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble Gun	9 19 88		RW
612	Magnaflux Barrel Action		9 22 88	P/C
	Magnaflux Bolt		9 22 88	P/C.
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10/31/88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/14/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/14/88	RW
	C) Inspect Ejector Hole for Chamfer		11/14/88	RW
	D) Oil Firing Pin Ass'y		11/14/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/16/88	RW

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			17Nov88	GSS
	G) Safety Off Force	3	3	3			17Nov88	GSS
	H) Trigger Pull Test & Retainability						14Nov	GSS
	I) Firing Pin Indent	.0205	.0205	.0205			17Nov88	GSS
	J) Assemble Stock						11/17/88	RW
	K) Assemble Swivel Studs						6Dec88	GSS
	L) Attach Front and Rear Sight Assemblies						12/6/88	RW
	M) Iron Sight Alignment						12/6/88	RW
	N) Detach Front & Rear Sights & place in numbered container						12/6/88	RW
	O) Attach Scope to Rifle						11/28/88	RW
	P) Detach & Attach Scope 20 Times						11/28/88	WB
640	Gallery Target & Test	75R	76L				12/5/88	DH
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope						12/5/88	DH
645	Inspect for Live Ammo						12/5/88	DH
655	Final Inspection A) Headspace						6Dec88	GSS
	B) Trigger Pull	2.41	2.43	2.29	2.25	2.23	6Dec88	GSS
	C) Function						6Dec88	GSS
660	Pack						14Dec88	GSS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225304
DATE 1/4/00 88
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.38	2.40	2.41	MIN. SETTING,
PULL #2	2.45	2.43	2.41	2.43	NO AVG. OF 5
PULL #3	2.41	2.45	2.39	2.29	READINGS ACCEPT-
PULL #4	2.48	2.40	2.35	2.25	ABLE LESS THAN 2#
PULL #5	2.34	2.37	2.38	2.23	
TOTAL	12.00	12.03	21.93	11.60	
AVG.	2.40	2.406	4.386	2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.02		
PULL #2	3.09	2.91		
PULL #3	3.06	3.06		
PULL #4	3.06	3.07		
PULL #5	3.00	2.97		
TOTAL	15.31	15.03		
AVG.	3.062	3.006		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.20		4.28
PULL #2	4.32	4.27		4.32
PULL #3	4.29	4.27		4.32
PULL #4	4.27	4.23		4.28
PULL #5	4.29	4.22		4.28
TOTAL	21.46	21.19		21.48
AVG.	4.292	4.238		4.296

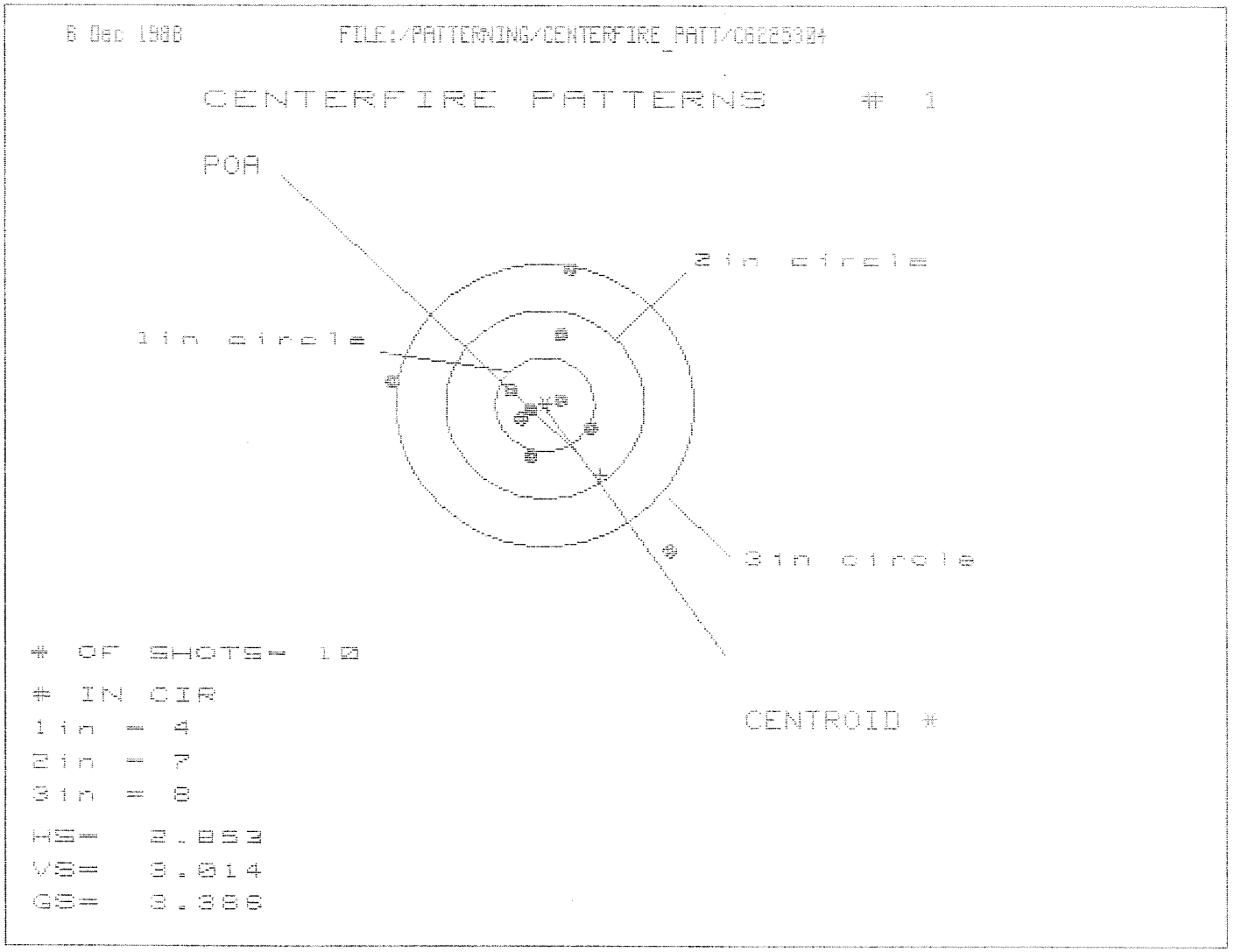
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225304

CENTROIDAL DISTANCES

0	TO	1	.934807
1	TO	2	.8883
1	TO	3	1.27909
1	TO	4	1.14273
1	TO	5	.803645

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2302
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5196
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .56831

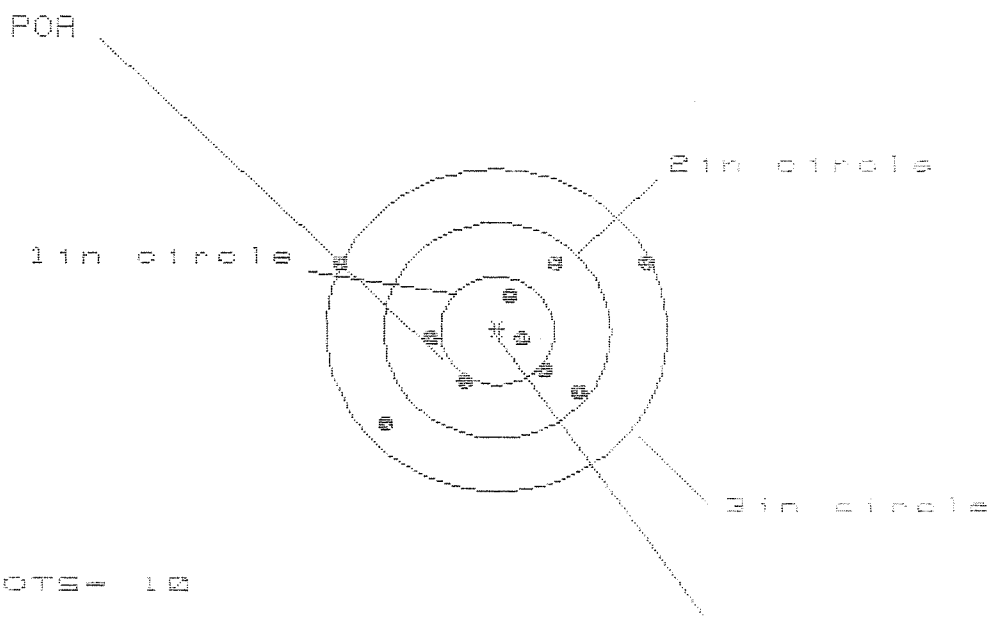
THE AMR FOR THIS RIFLE IS: .7668



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.276	.601	.422
MINIMUM X	:	-1.577	-1.436	-.342
MAXIMUM Y	:	1.452	1.279	1.290
MINIMUM Y	:	-1.562	-.695	-.684
CENTROID X	:	-.558	-.699	-.520
CENTROID Y	:	.750	.923	.912
POA TO CENTROID in.	:	.934	1.158	1.050
MIN RADIUS	:	.114	.164	.186
MEAN RADIUS	:	.782	.661	.551
MAX RADIUS	:	2.016	1.438	1.317
HORIZONTAL SPREAD	:	2.853	2.037	.764
VERTICAL SPREAD	:	3.014	1.974	1.974
EXTREME SPREAD	:	3.386	2.225	2.026
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Dec 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C0225304

CENTERFIRE PATTERNS # 2

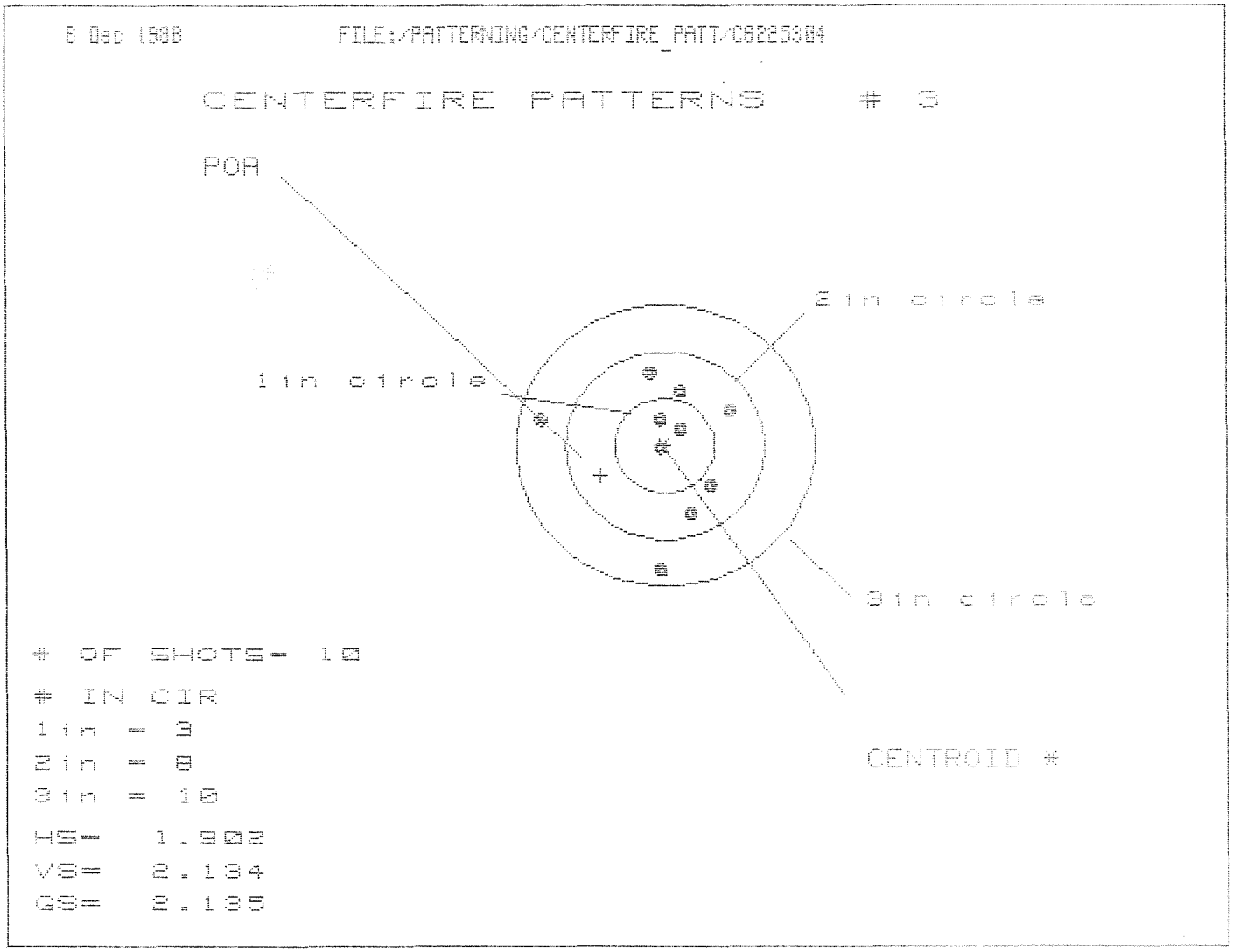


OF SHOTS= 10

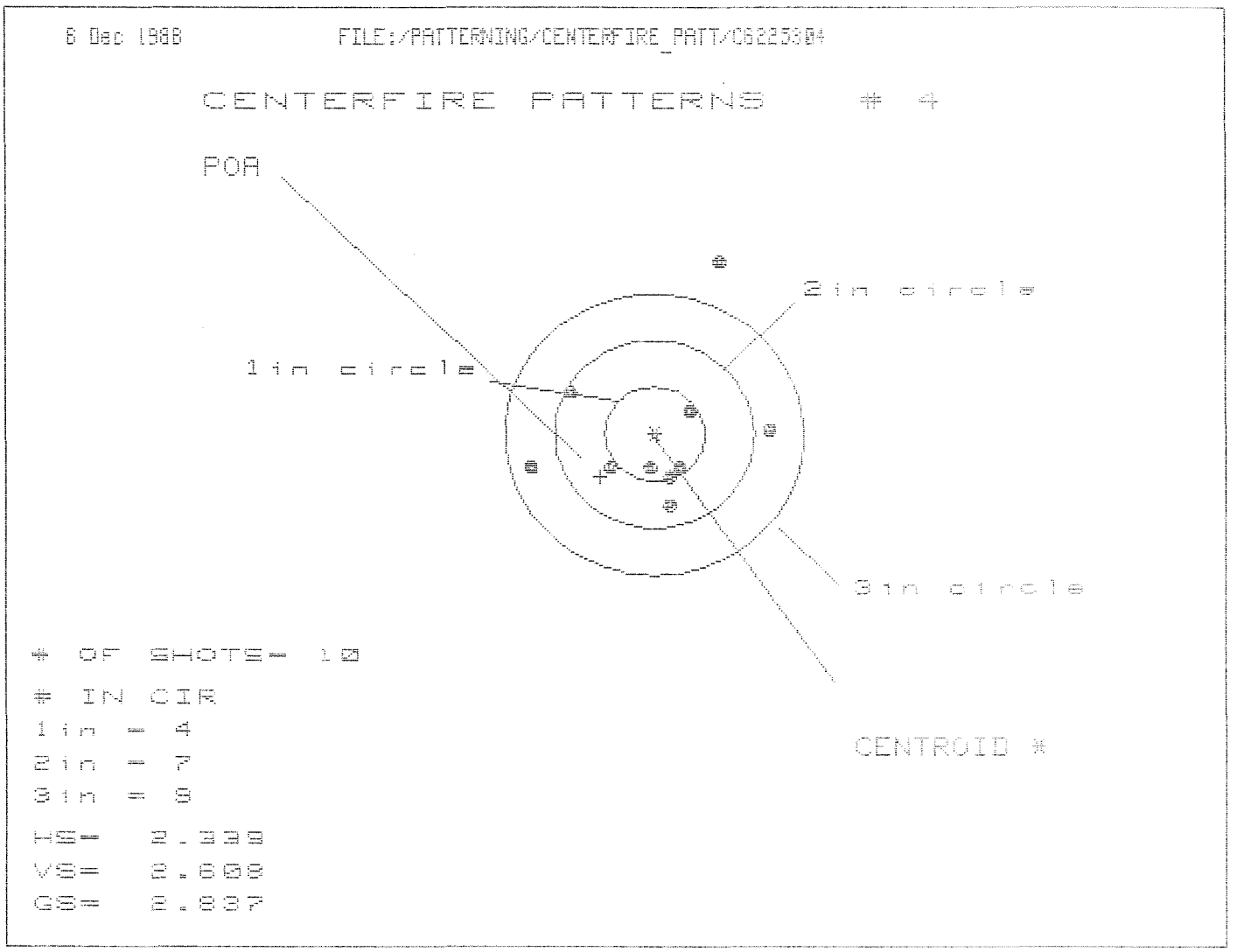
# IN CIR
1in = 2
2in = 7
3in = 9

HS= 2.665
VS= 1.483
GS= 2.719

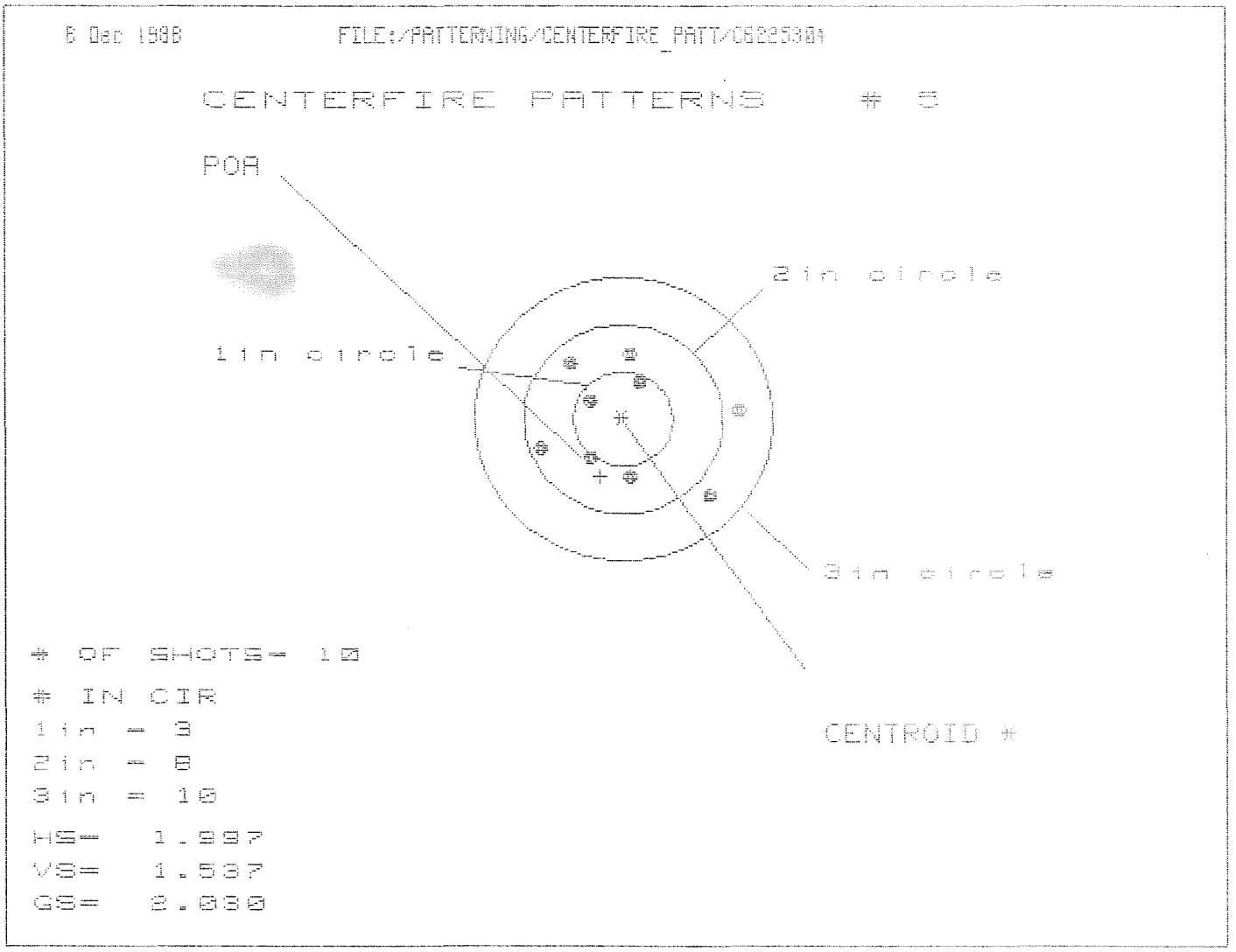
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.276	1.122	.723
MINIMUM X	:	-1.389	-1.159	-1.019
MAXIMUM Y	:	.665	.739	.831
MINIMUM Y	:	-.818	-.744	-.653
CENTROID X	:	.283	.437	.297
CENTROID Y	:	.464	.390	.299
POA TO CENTROID in.	:	.543	.586	.421
MIN RADIUS	:	.218	.065	.232
MEAN RADIUS	:	.833	.723	.654
MAX RADIUS	:	1.538	1.378	1.210
HORIZONTAL SPREAD	:	2.665	2.281	1.742
VERTICAL SPREAD	:	1.483	1.483	1.483
EXTREME SPREAD	:	2.719	2.719	2.122
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



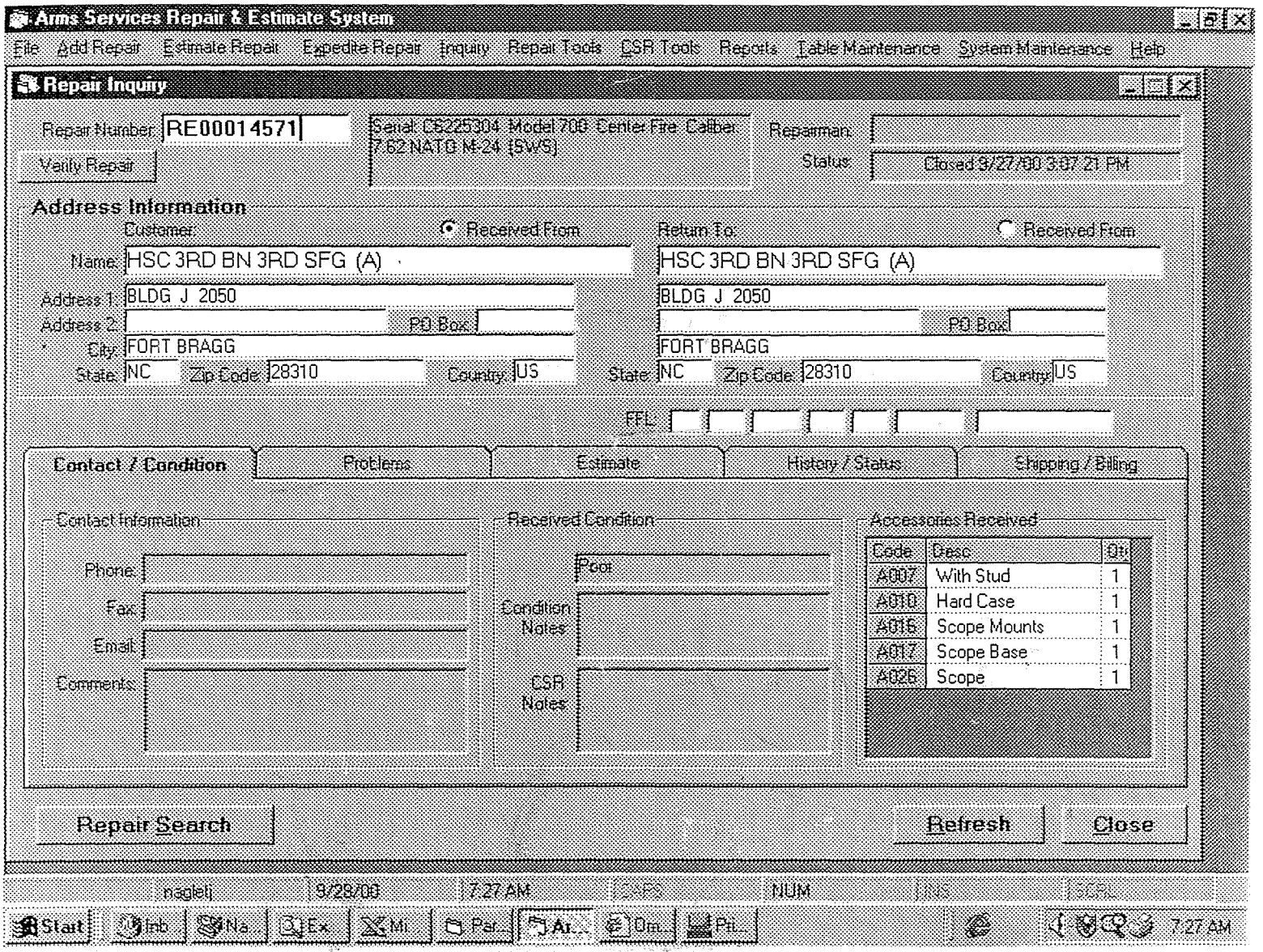
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.618	.612	.451
MINIMUM X	:	-1.284	-1.290	-.298
MAXIMUM Y	:	.796	.647	.667
MINIMUM Y	:	-1.338	-.868	-.848
CENTROID X	:	.647	.653	.814
CENTROID Y	:	.321	.470	.450
POA TO CENTROID in.	:	.722	.804	.930
MIN RADIUS	:	.040	.127	.048
MEAN RADIUS	:	.673	.574	.471
MAX RADIUS	:	1.339	1.299	.849
HORIZONTAL SPREAD	:	1.902	1.902	.749
VERTICAL SPREAD	:	2.134	1.515	1.515
EXTREME SPREAD	:	2.135	1.906	1.552
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.115	1.187	1.043
MINIMUM X	:	-1.224	-1.152	-.953
MAXIMUM Y	:	1.824	.670	.657
MINIMUM Y	:	-.784	-.582	-.595
CENTROID X	:	.546	.474	.618
CENTROID Y	:	.455	.253	.266
POA TO CENTROID in.	:	.711	.537	.673
MIN RADIUS	:	.408	.196	.215
MEAN RADIUS	:	.844	.665	.587
MAX RADIUS	:	1.934	1.213	1.157
HORIZONTAL SPREAD	:	2.339	2.339	1.996
VERTICAL SPREAD	:	2.608	1.252	1.252
EXTREME SPREAD	:	2.837	2.366	2.040
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.206	1.003	.383
MINIMUM X	:	-.791	-.657	-.532
MAXIMUM Y	:	.741	.747	.648
MINIMUM Y	:	-.796	-.790	-.689
CENTROID X	:	.233	.099	-.026
CENTROID Y	:	.608	.602	.701
POA TO CENTROID in.	:	.651	.610	.701
MIN RADIUS	:	.369	.273	.122
MEAN RADIUS	:	.702	.615	.488
MAX RADIUS	:	1.207	1.277	.759
HORIZONTAL SPREAD	:	1.997	1.660	.915
VERTICAL SPREAD	:	1.537	1.537	1.337
EXTREME SPREAD	:	2.030	1.936	1.338
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		



Serial Number: C6225304

Model: 700

BBL- 96003
BOLT- 96005

RE00014571

Final Inspection

S/N: CL225304 | 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-2350
- ___ 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	14571
SERIAL NUMBER	C6225304
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	