C6349171

MODEL 700™ M24

Model SWS™

Action

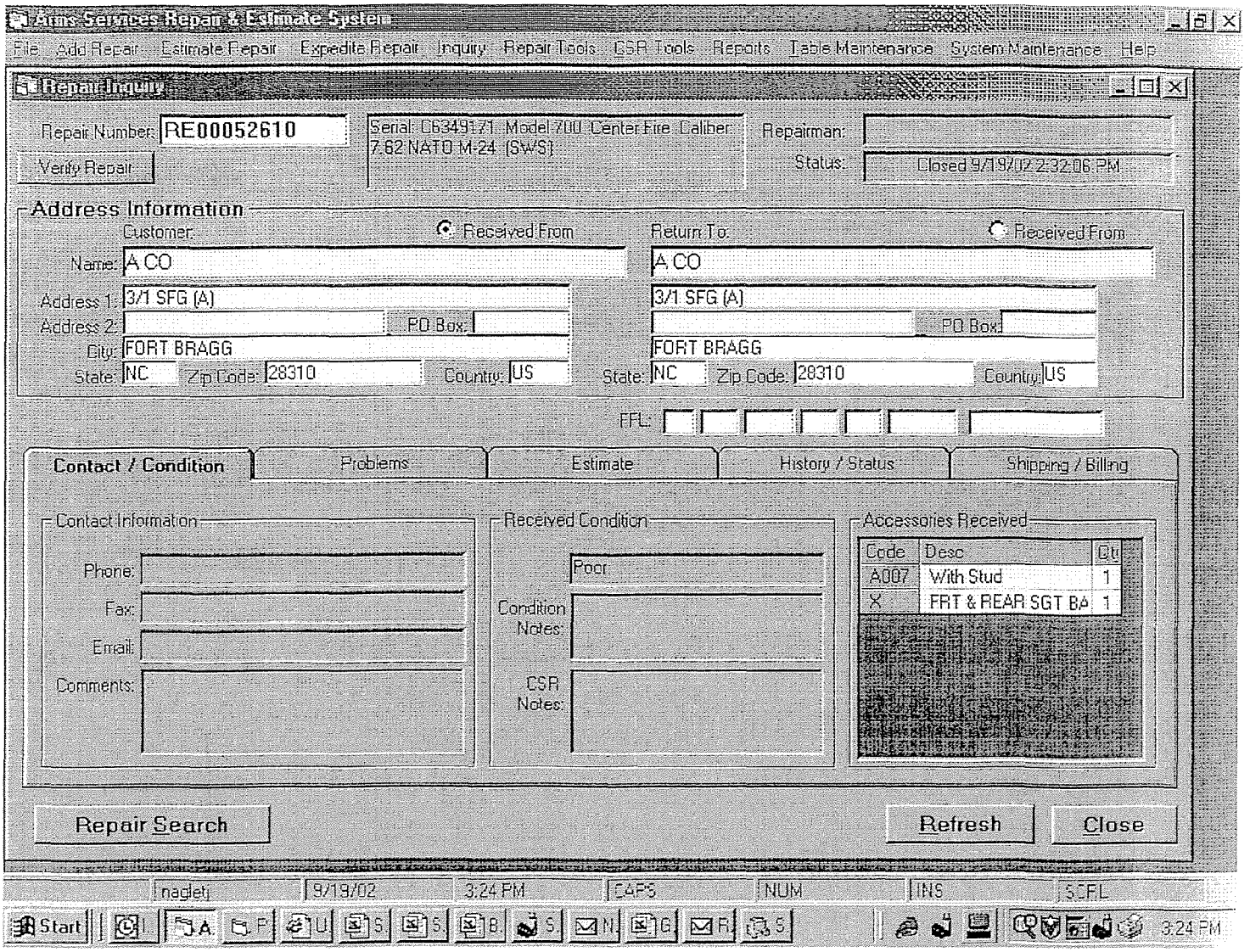
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6349171

Model: 700

RE00052610

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349171.__0
FILE DATE AND TIME: 10/16/2002 20:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

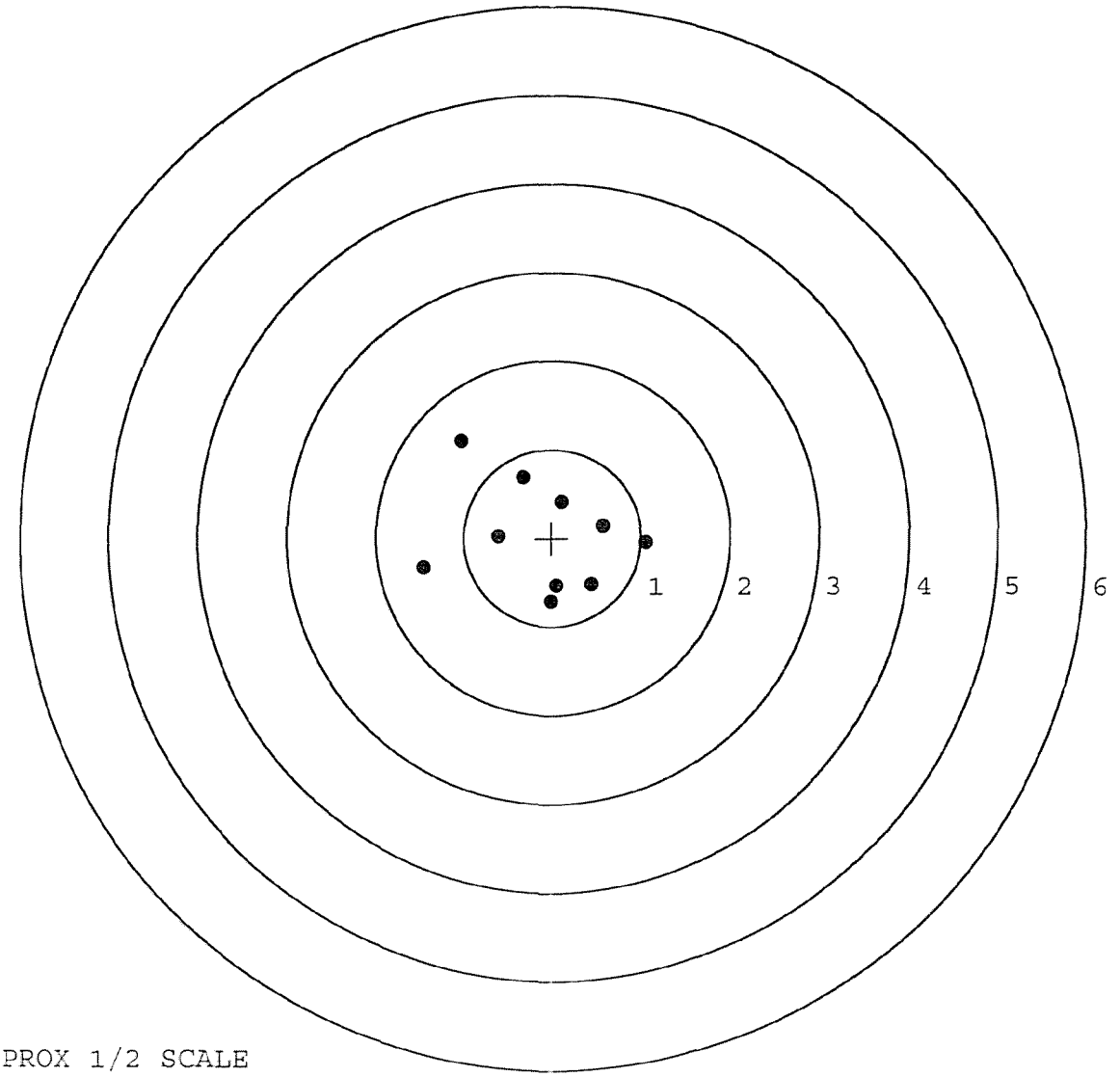
The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.697
The Distance from POA to Centroid Target #1:	0.119
The Distance from Centroid Target #2 to Centroid Target #1:	0.163
The Distance from Centroid Target #3 to Centroid Target #1:	0.146
The Distance from Centroid Target #4 to Centroid Target #1:	0.084
The Distance from Centroid Target #5 to Centroid Target #1:	0.121

BARBER - M24 0109357

SERIAL NUMBER: C6349171.__0
TARGET NUMBER: 1
FILE DATE: 10/16/2002
FILE TIME: 20:17

X CENTROID:	-0.118
Y CENTROID:	0.012
POA TO CENTROID:	0.119
HORZ SPREAD:	2.517
VERT SPREAD:	1.812
GROUP SPREAD:	2.380
MIN RADIUS:	0.458
MAX RADIUS:	1.409
MEAN RADIUS:	0.844
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.007	-0.724
2:	0.059	-0.542
3:	0.453	-0.533
4:	0.569	0.135
5:	1.059	-0.055
6:	0.108	0.411
7:	-0.604	0.014
8:	-0.331	0.684
9:	-1.029	1.088
10:	-1.458	-0.353

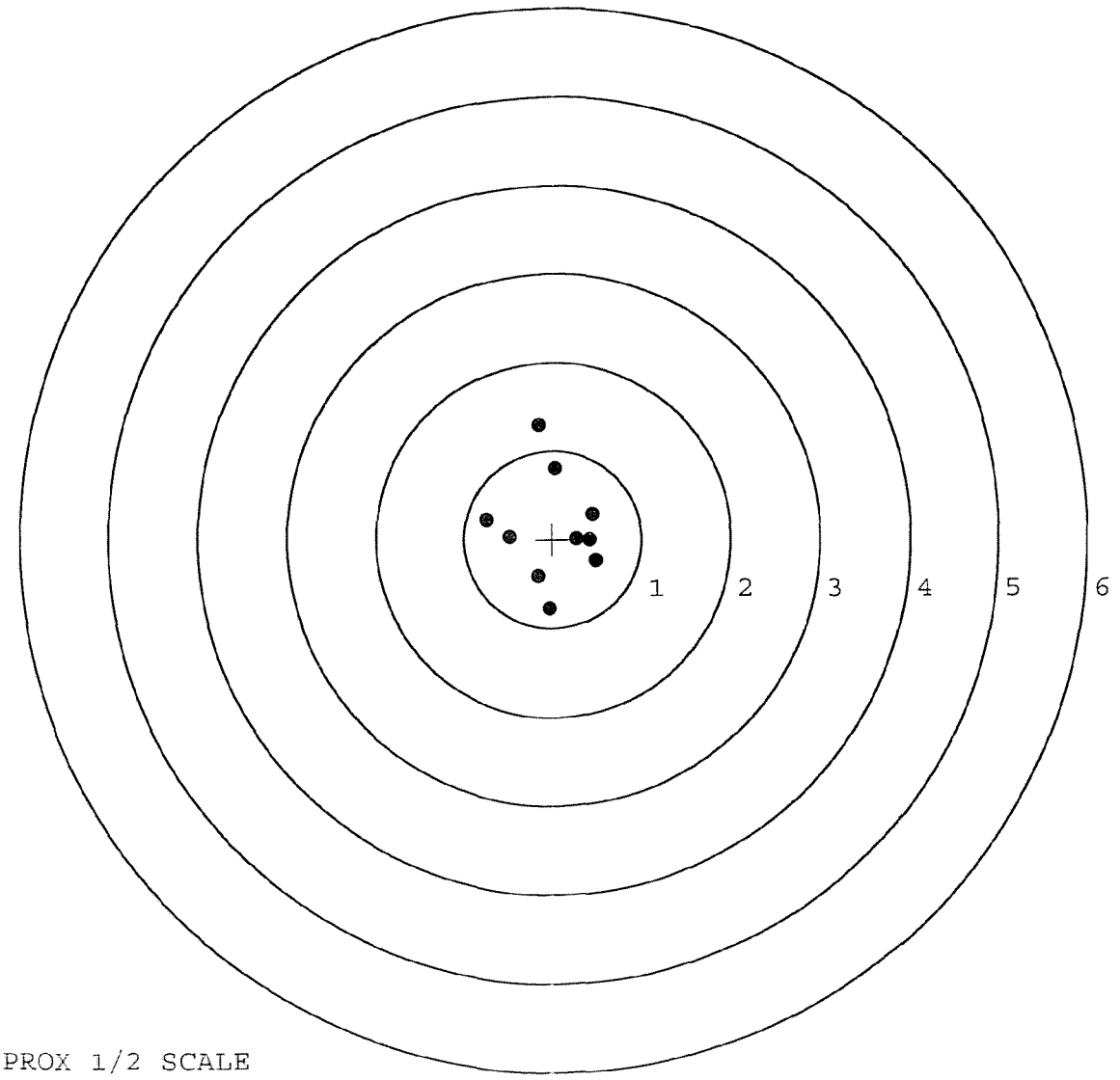


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349171.__0
TARGET NUMBER: 2
FILE DATE: 10/16/2002
FILE TIME: 20:17

X CENTROID:	0.009
Y CENTROID:	0.114
POA TO CENTROID:	0.115
HORZ SPREAD:	1.242
VERT SPREAD:	2.080
GROUP SPREAD:	2.083
MIN RADIUS:	0.296
MAX RADIUS:	1.186
MEAN RADIUS:	0.641
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.156	1.289
2:	0.033	0.795
3:	-0.751	0.225
4:	-0.484	0.032
5:	0.453	0.282
6:	0.280	-0.006
7:	0.491	-0.241
8:	-0.036	-0.791
9:	-0.162	-0.426
10:	0.425	-0.015



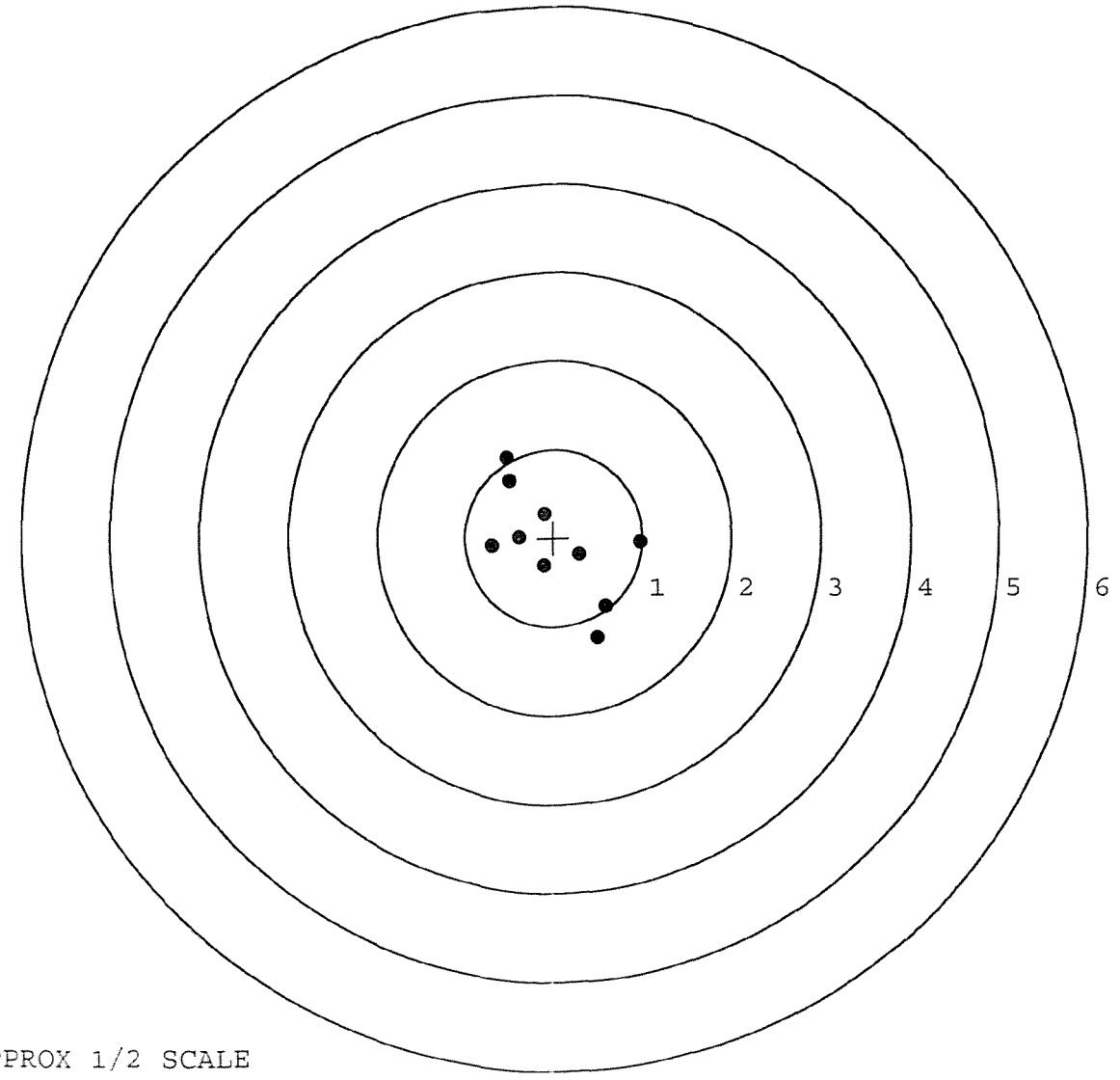
TARGET APPROX 1/2 SCALE

BARBER - M24 0109359

SERIAL NUMBER: C6349171.__0
TARGET NUMBER: 3
FILE DATE: 10/16/2002
FILE TIME: 20:17

X CENTROID:	0.003
Y CENTROID:	-0.069
POA TO CENTROID:	0.069
HORZ SPREAD:	1.674
VERT SPREAD:	2.030
GROUP SPREAD:	2.282
MIN RADIUS:	0.271
MAX RADIUS:	1.168
MEAN RADIUS:	0.710
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.506	-1.123
2:	0.589	-0.772
3:	0.299	-0.191
4:	0.979	-0.041
5:	-0.112	-0.314
6:	-0.695	-0.087
7:	-0.388	0.011
8:	-0.108	0.270
9:	-0.502	0.653
10:	-0.536	0.907



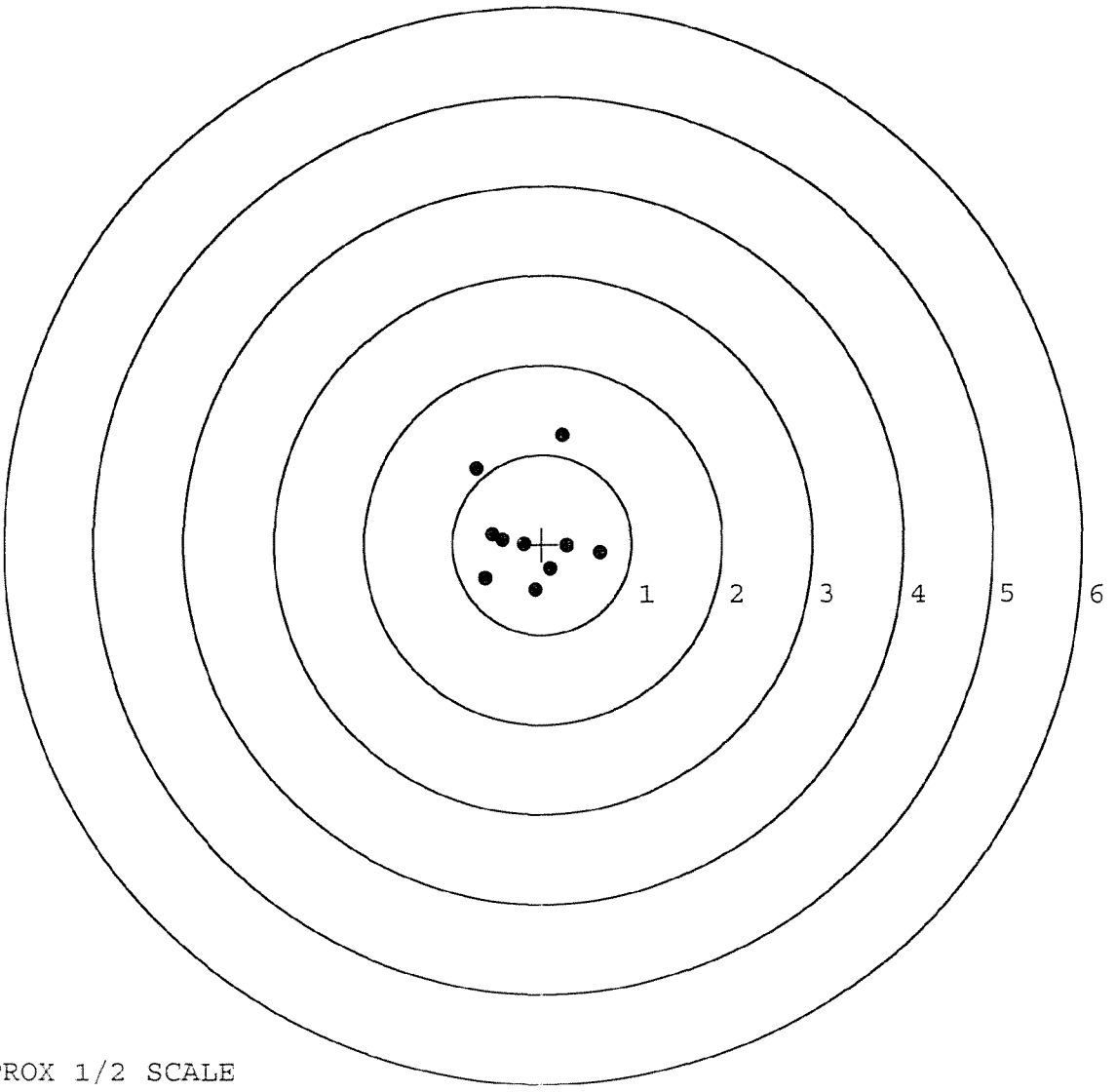
TARGET APPROX 1/2 SCALE

BARBER - M24 0109360

SERIAL NUMBER: C6349171.__0
TARGET NUMBER: 4
FILE DATE: 10/16/2002
FILE TIME: 20:17

X CENTROID:	-0.139
Y CENTROID:	0.093
POA TO CENTROID:	0.167
HORZ SPREAD:	1.382
VERT SPREAD:	1.721
GROUP SPREAD:	1.816
MIN RADIUS:	0.107
MAX RADIUS:	1.180
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.230	1.214
2:	-0.735	0.842
3:	0.285	-0.020
4:	0.647	-0.098
5:	-0.075	-0.507
6:	0.097	-0.279
7:	-0.201	0.006
8:	-0.441	0.048
9:	-0.555	0.110
10:	-0.638	-0.381



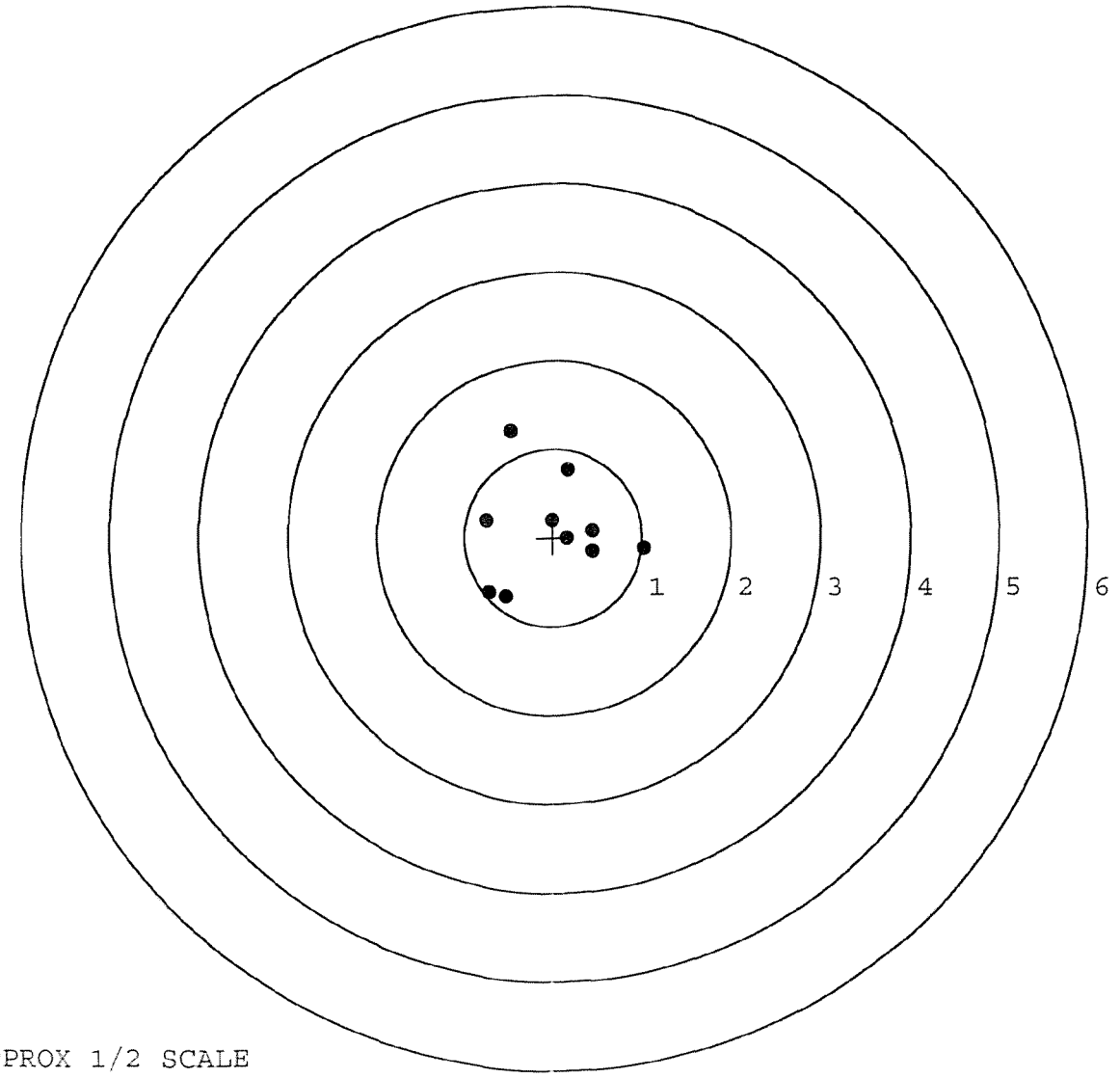
TARGET APPROX 1/2 SCALE

BARBER - M24 0109361

SERIAL NUMBER: C6349171.__0
TARGET NUMBER: 5
FILE DATE: 10/16/2002
FILE TIME: 20:17

X CENTROID:	-0.025
Y CENTROID:	0.089
POA TO CENTROID:	0.093
HORZ SPREAD:	1.776
VERT SPREAD:	1.866
GROUP SPREAD:	2.003
MIN RADIUS:	0.107
MAX RADIUS:	1.206
MEAN RADIUS:	0.694
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.021	-0.118
2:	0.453	0.082
3:	0.451	-0.147
4:	-0.010	0.195
5:	0.167	0.764
6:	-0.483	1.205
7:	-0.755	0.199
8:	-0.720	-0.619
9:	-0.535	-0.661
10:	0.165	-0.008



TARGET APPROX 1/2 SCALE

SWS/Repair

Final Inspection

No: C6349171	DATE REC'D: 9/19/02	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	52610		
SERIAL NUMBER	C6349171		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-23-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-24-02	AC
605	CHECK HEADSPACE	9-24-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TCD
618	ROTO-BLAST	9/30/02	RO
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/9/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-15-02	RW
655	FINAL INSPECT	10-15-02	RW
660	PACK	10-16-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

M-24

Scope 0565

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349171

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	REJECT - 10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
.7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349171

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-8	89	
600	Proof	11-8	89	
607	Check Headspace	11-8	89	
610	Dis-assemble Gun	11-8	89	
612	Magnaflux Barrel Action	11-9-89		KER
	Magnaflux Bolt	11-9-89		KER
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	11 9	89	TB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	
	Apply Coating (Bolt)		11-17-89	
625	Final Assembly A) Clean inside of Bolt Assembly		11/22/89	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/22/89	
	C) Inspect Ejector Hole for Chamfer		11/22/89	
	D) Oil Firing Pin Ass'y		11/22/89	
	E) Adjust Trigger Pull to Min Setting and Stake		6 Dec 89	

BARBER - M24 0109367

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6Dec89	JSS
	G) Safety Off Force	2	2	2			6Dec89	JSS
	H) Trigger Pull Test & Retainability						6Dec89	JSS
	I) Firing Pin Indent	.021	.021	.021			6Dec89	JSS
	J) Assemble Stock						12/7/89	RW
	K) Assemble Swivel Studs						8Dec89	JSS
	L) Attach Front and Rear Sight Assemblies						12/7/89	RW
	M) Iron Sight Alignment						12/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/7/89	RW
	O) Attach Scope to Rifle						7Dec89	JSS
	P) Detach & Attach Scope 20 Times						7Dec89	JSS
640	Gallery Target & Test						12-7-89	DH
	A) Time						12-7-89	DH
	B) Malfunctions						12-7-89	DH
	C) Pierced Primers						12-7-89	DH
	D) Optical Clearity of Scope						12-7-89	DH
645	Inspect for Live Ammo						12-7-89	DH
655	Final Inspection A) Headspace						8Dec89	JSS
	B) Trigger Pull	2.74	2.23	2.83	2.50	2.85	8Dec89	JSS
	C) Function						8Dec89	JSS
660	Pack						15Dec89	JSS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349171
DATE 3-29-98
TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.37		2.33	MIN. SETTING,
PULL #2	2.58	2.35		2.49	NO AVG. OF 5
PULL #3	2.49	2.47		2.31	READINGS ACCEPT-
PULL #4	2.46	2.50		2.40	ABLE LESS THAN 2#
PULL #5	2.45	2.48		2.46	
TOTAL	12.52	12.17		11.99	
AVG.	2.504	2.434		2.398	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.32		
PULL #2	3.22	3.35		
PULL #3	3.20	3.19		
PULL #4	3.16	3.29		
PULL #5	3.35	3.31		
TOTAL	16.14	16.46		
AVG.	3.228	3.292		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.17		
PULL #2	4.22	4.20		
PULL #3	4.19	4.19		
PULL #4	4.19	4.25		
PULL #5	4.21	4.16		
TOTAL	21.05	20.96		
AVG.	4.21	4.192		

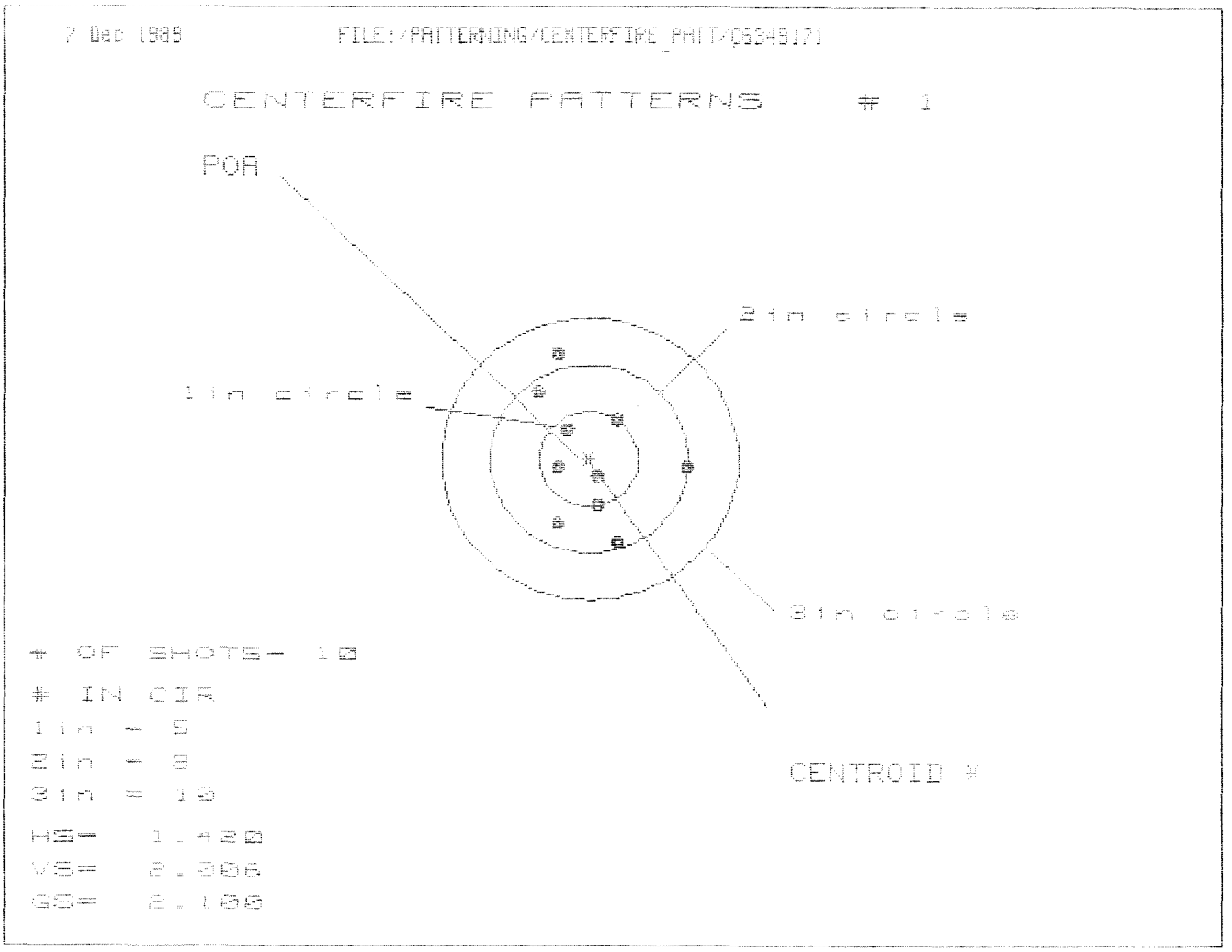
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349171
7 Dec 1989

CENTROIDAL DISTANCES

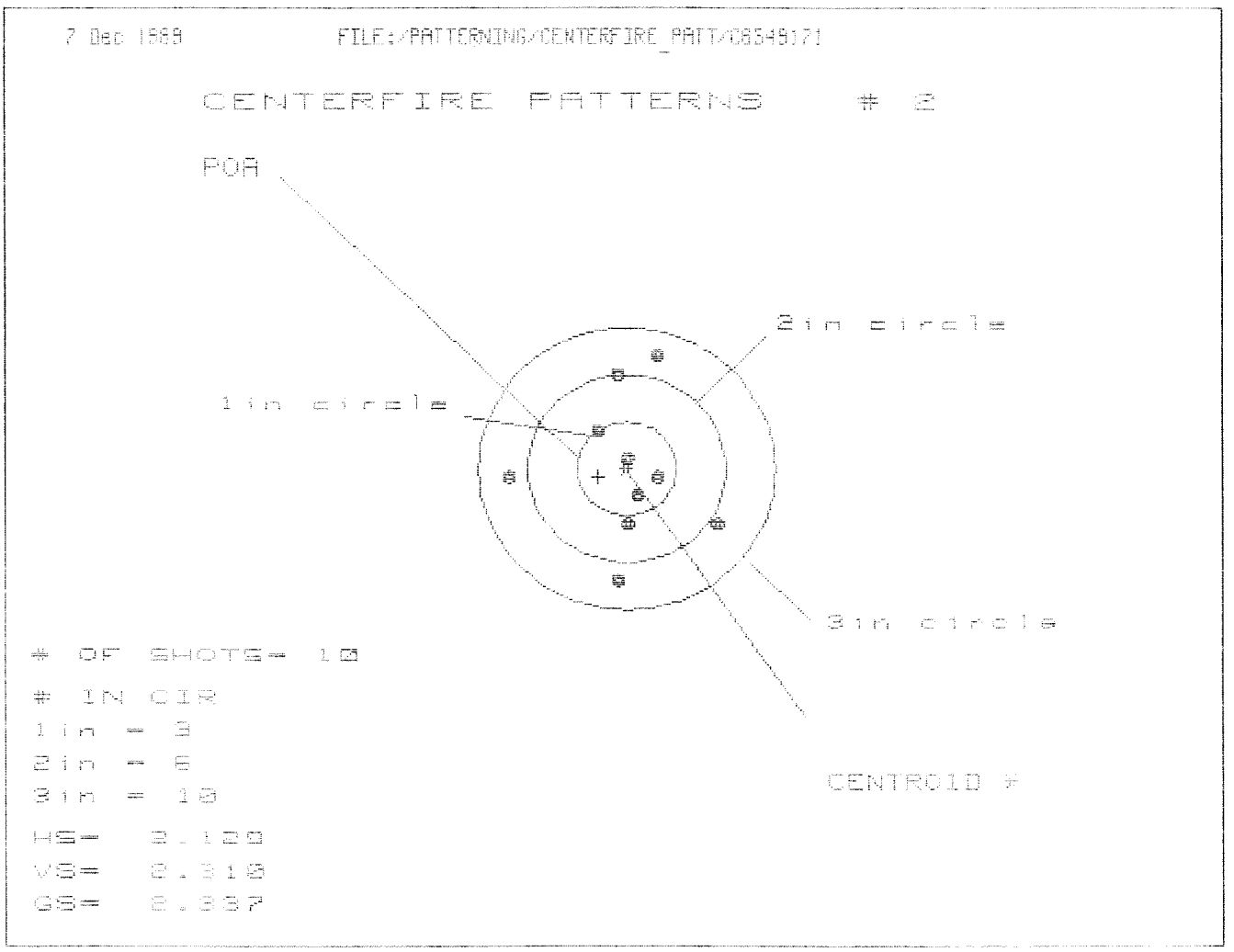
0	TO	1	.198708
1	TO	2	.382479
1	TO	3	.257934
1	TO	4	.049366
1	TO	5	.268405

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.09
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0914
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .128273

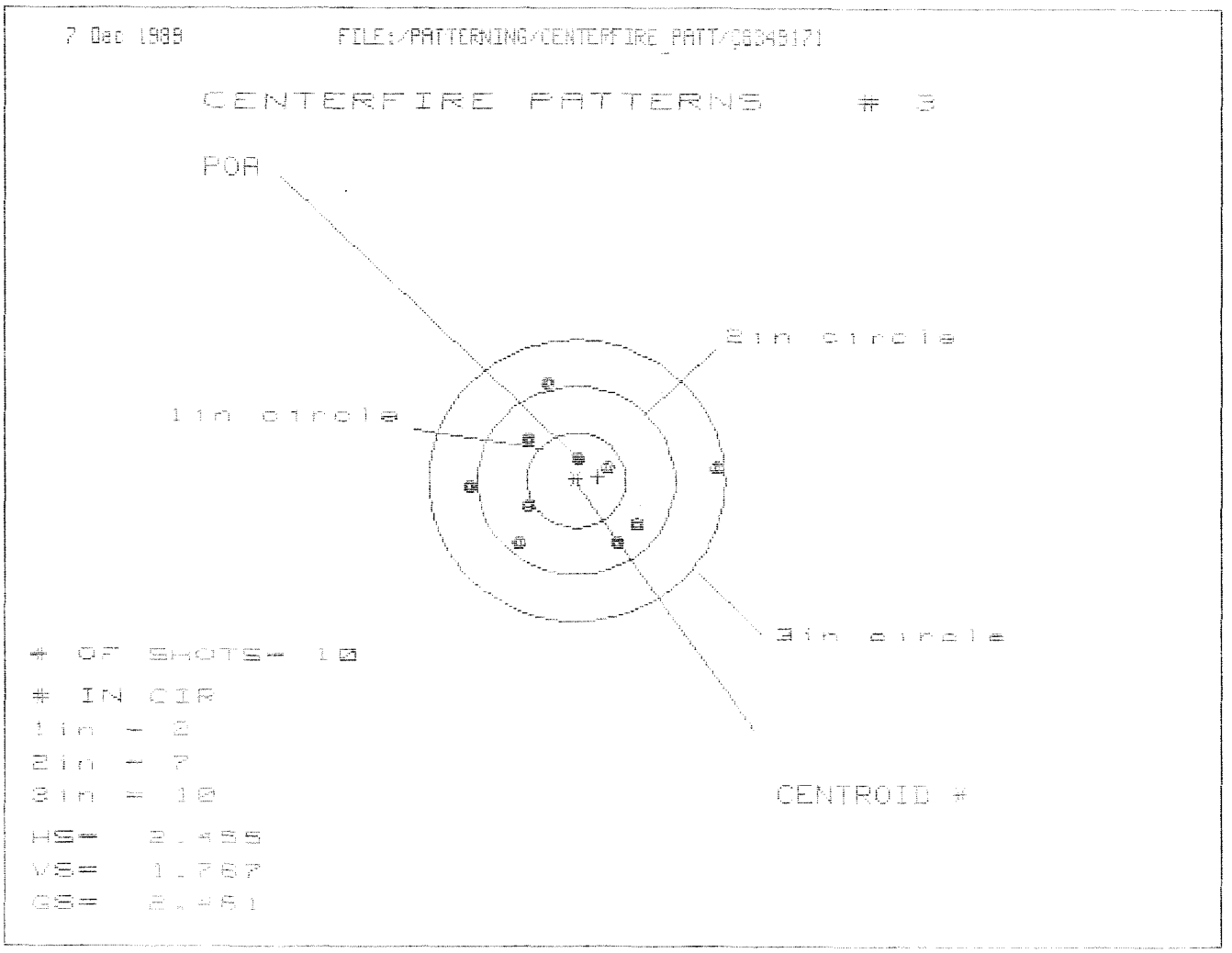
THE AMR FOR THIS RIFLE IS: .7086



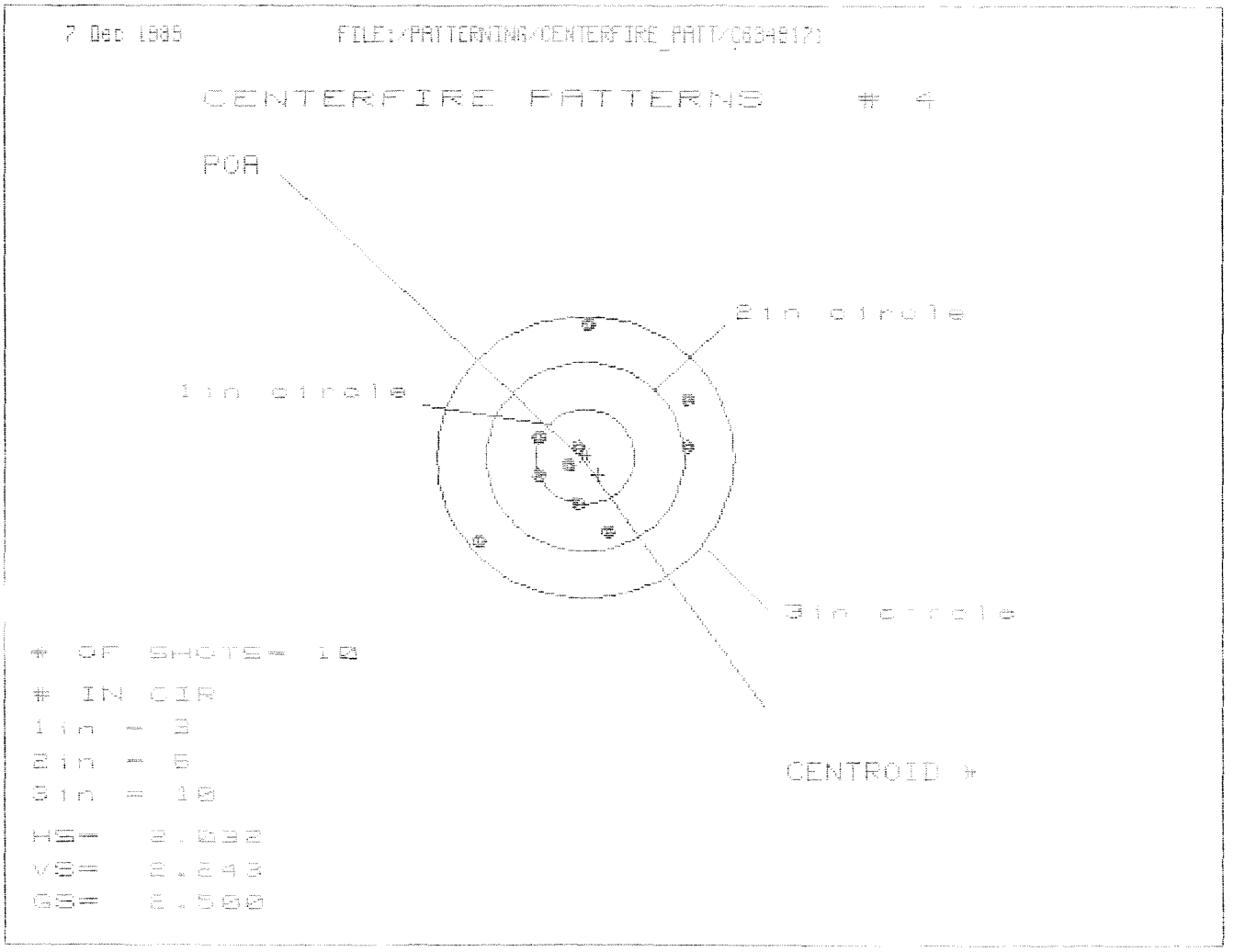
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.932	.898	.934
MINIMUM X	:	-.488	-.522	-.486
MAXIMUM Y	:	1.089	.800	.701
MINIMUM Y	:	-.917	-.796	-.684
CENTROID X	:	-.082	-.048	-.084
CENTROID Y	:	.181	.060	.160
POA TO CENTROID in.	:	.199	.077	.180
MIN RADIUS	:	.181	.071	.165
MEAN RADIUS	:	.651	.581	.548
MAX RADIUS	:	1.130	.955	.935
HORIZONTAL SPREAD	:	1.420	1.420	1.420
VERTICAL SPREAD	:	2.006	1.596	1.385
EXTREME SPREAD	:	2.100	1.790	1.604
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



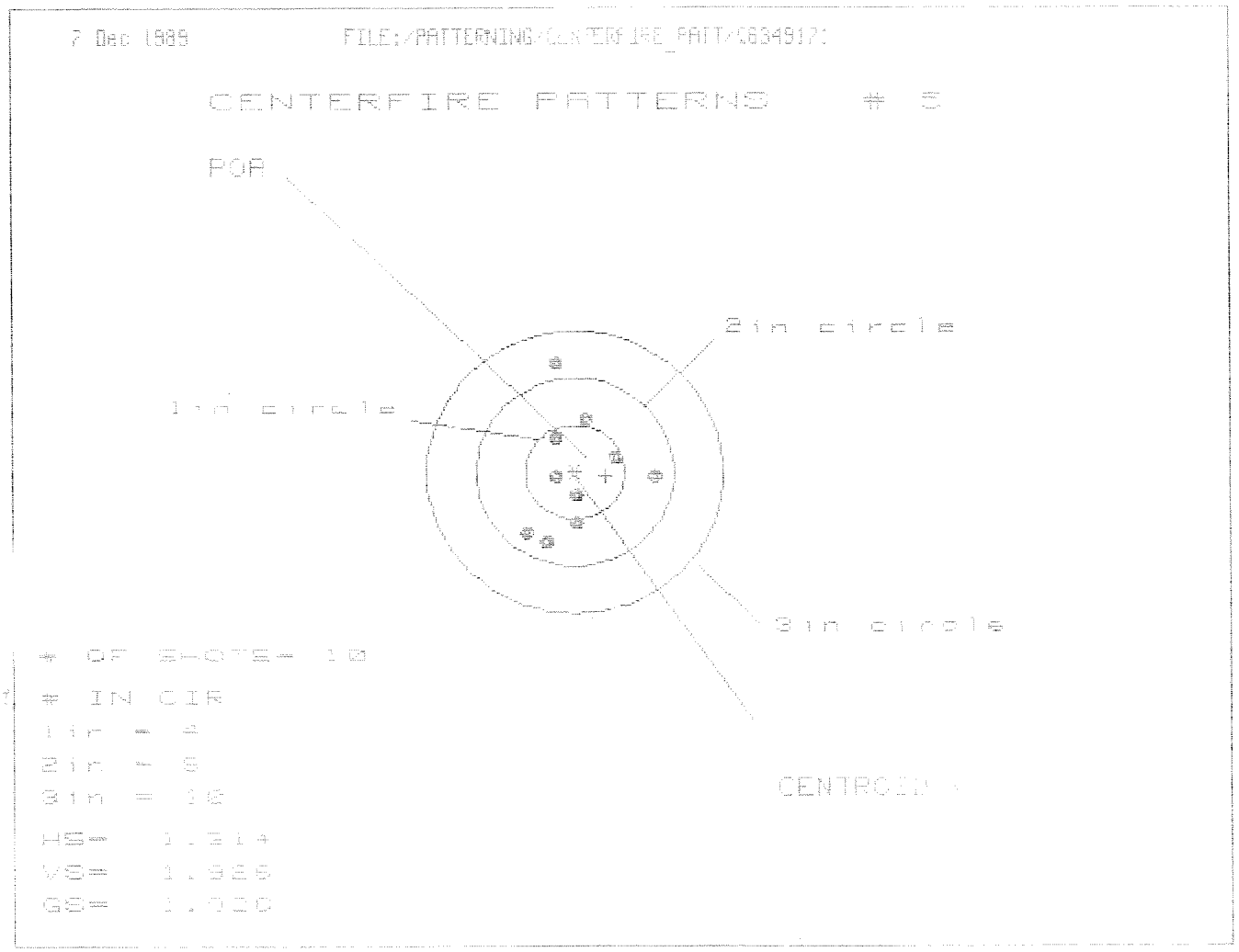
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.920	.786	.804
MINIMUM X	:	-1.209	-.388	-.371
MAXIMUM Y	:	1.164	1.157	1.120
MINIMUM Y	:	-1.146	-1.153	-1.068
CENTROID X	:	.289	.423	.406
CENTROID Y	:	.088	.095	-.050
POA TO CENTROID in.	:	.302	.433	.409
MIN RADIUS	:	.110	.195	.155
MEAN RADIUS	:	.746	.689	.687
MAX RADIUS	:	1.210	1.172	1.132
HORIZONTAL SPREAD	:	2.129	1.174	1.174
VERTICAL SPREAD	:	2.310	2.310	2.128
EXTREME SPREAD	:	2.337	2.337	2.128
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	.820	.808
MINIMUM X	:	-1.053	-.897	-.909
MAXIMUM Y	:	1.081	1.098	.572
MINIMUM Y	:	-.686	-.609	-.582
CENTROID X	:	-.215	-.371	-.359
CENTROID Y	:	-.040	-.057	-.194
POA TO CENTROID in.	:	.219	.375	.408
MIN RADIUS	:	.237	.302	.382
MEAN RADIUS	:	.789	.711	.662
MAX RADIUS	:	1.410	1.102	.918
HORIZONTAL SPREAD	:	2.455	1.717	1.717
VERTICAL SPREAD	:	1.767	1.767	1.104
EXTREME SPREAD	:	2.461	1.864	1.770
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	1.011	.884
MINIMUM X	:	-1.029	-1.021	-.636
MAXIMUM Y	:	1.384	.766	.678
MINIMUM Y	:	-.859	-.706	-.737
CENTROID X	:	-.131	-.139	-.012
CENTROID Y	:	.187	.034	.122
POA TO CENTROID in.	:	.229	.143	.122
MIN RADIUS	:	.108	.143	.221
MEAN RADIUS	:	.760	.677	.628
MAX RADIUS	:	1.386	1.255	1.100
HORIZONTAL SPREAD	:	2.032	2.032	1.520
VERTICAL SPREAD	:	2.243	1.472	1.415
EXTREME SPREAD	:	2.500	2.495	1.698
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.816	.459
MINIMUM X	:	-.473	-.498	-.385
MAXIMUM Y	:	1.141	.784	.746
MINIMUM Y	:	-.785	-.658	-.646
CENTROID X	:	-.311	-.206	.009
CENTROID Y	:	.041	-.086	-.098
POA TO CENTROID in.	:	.314	.299	.401
MIN RADIUS	:	.168	.115	.109
MEAN RADIUS	:	.597	.519	.467
MAX RADIUS	:	1.163	.822	.759
HORIZONTAL SPREAD	:	1.314	1.314	.854
VERTICAL SPREAD	:	1.926	1.892	1.892
EXTREME SPREAD	:	1.926	1.437	1.427
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

BARBER - M24 0109375

RECEIVING AND ESTIMATING REPORT

COMMENTS: M-24 SNIPER

ORDER: R 96-09656

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
04/08/96	04/08/96	DJ 9-89	C6349171		700 7.62 NATO

ACCESSORIES: W/STUDS SCOPE BASE

FROM:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

SHIP TO:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA
98433

CUST NO: 141138 C.O.D

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

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	F4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

New - ~~96018~~
Barrel - ~~96018~~ 96003
Stock - 96018

COMMENTS

Repowder Coat Trigger Guard Assy Front & Rear Sight Bases Reticle Scope Base & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓ RW	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
AA	4/15/96	4/22/96	4/22/96	4/22/96	

OFFICE COPY

RD6925 REV. 1/94

SWS/Repair

Final Inspection

Sn: C634917	DATE REC'D: 4/8/96	DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:

Stock Assy.

- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.

- ___ Scope
- ___ Scope Rings
- ___ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Systems Case

- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger

- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____

Misc.

- ___ DD-250
- ___ Bar Code
- ___ Packaging

M-24

Barrel / Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349171

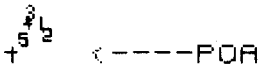
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/15/96	RW
600	Proof		4/15/96	RW
607	Check Headspace		4/15/96	RW
610	Dis-assemble Gun		4/15/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/22/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/22/96	RW
	C) Inspect Ejector Hole for Chamfer		4/22/96	RW
	D) Oil Firing Pin Ass'y		4/22/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		4/22/96	RW
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		4/22/96	AH
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		4/22/96	AH
655	Final Inspection A) Headspace		4/24/96	RW
	B) Trigger Pull		4/24/96	RW
	C) Function		4/24/96	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349171
22 Feb 1900

CENTROIDAL DISTANCES

Ø	TO	1	.817729
1	TO	2	.263941
1	TO	3	.27324
1	TO	4	.25046
1	TO	5	.451154

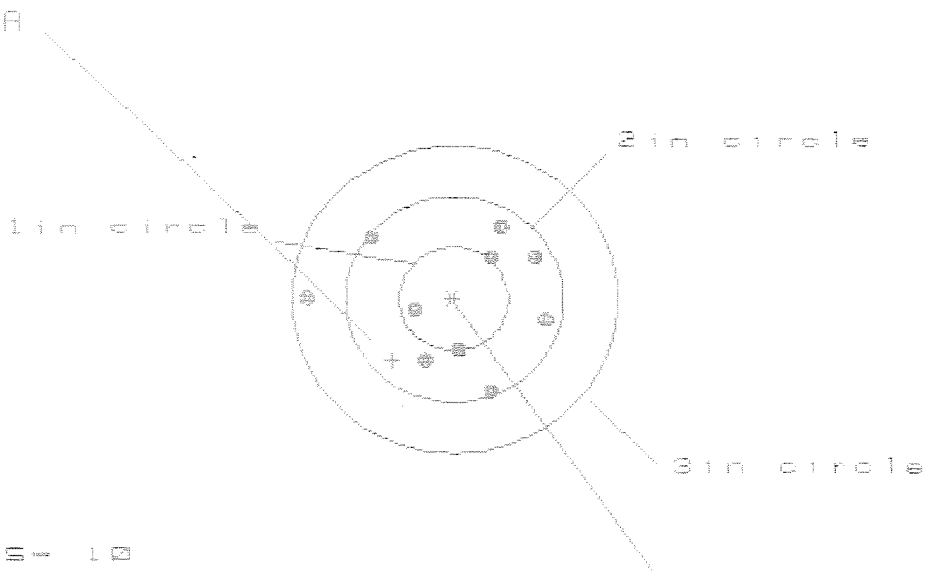


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4298
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5144
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .670325

THE AMR FOR THIS RIFLE IS: 1.49 1

21 Feb 96 FILE:/PATTERNING/CENTERFIRE_PATT/C8349171

CENTERFIRE PATTERNS # 1



\# OF SHOTS= 10

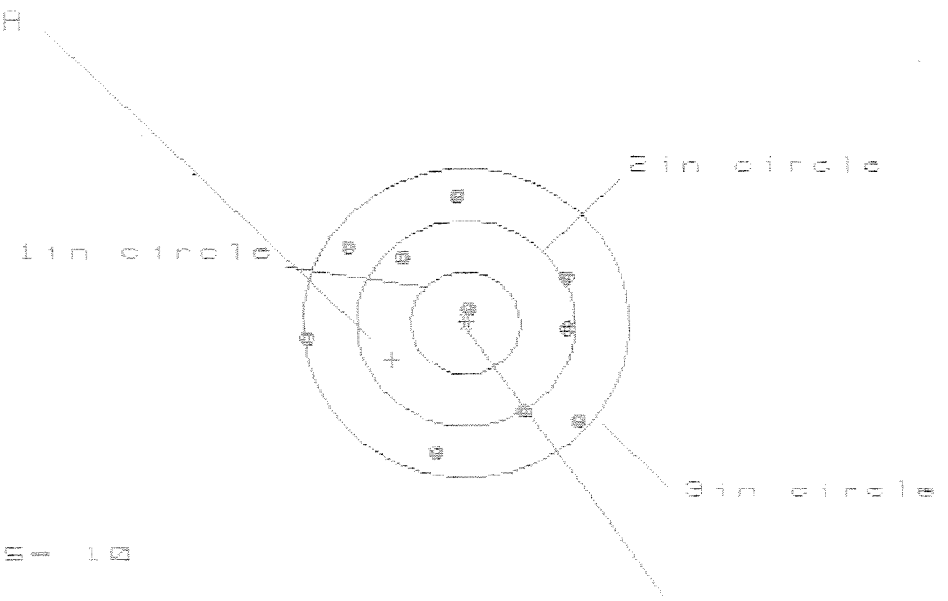
\# IN CIR
1in = 2
2in = 9
3in = 10

HS= 2.133
VS= 1.587
GS= 2.144

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.808	.661	.544
MINIMUM X	:	-1.324	-.934	-.632
MAXIMUM Y	:	.721	.726	.800
MINIMUM Y	:	-.866	-.861	-.787
CENTROID X	:	.562	.709	.826
CENTROID Y	:	.594	.589	.515
POA TO CENTROID in.	:	.818	.922	.974
MIN RADIUS	:	.372	.462	.461
MEAN RADIUS	:	.784	.712	.651
MAX RADIUS	:	1.325	1.106	.822
HORIZONTAL SPREAD	:	2.13	1.595	1.176
VERTICAL SPREAD	:	1.58	1.587	1.587
EXTREME SPREAD	:	2.14	1.815	1.594
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0349171

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

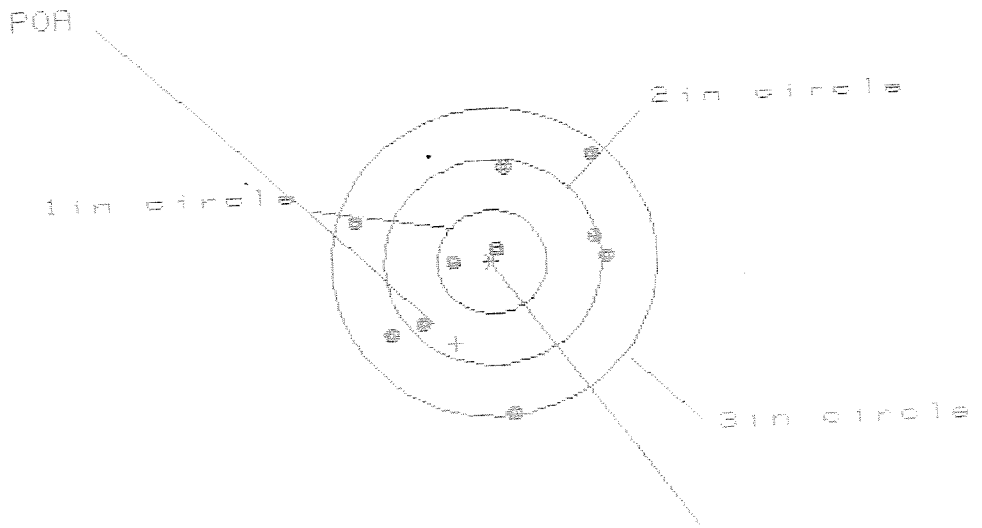
# IN CIR
1in = 1
2in = 4
3in = 10

HS= 2.515
VS= 2.512
GS= 2.700

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.034	.869	.852
MINIMUM X	:	-1.481	-1.232	-1.123
MAXIMUM Y	:	1.238	1.226	1.109
MINIMUM Y	:	-1.274	-1.286	-1.403
CENTROID X	:	.674	.839	.730
CENTROID Y	:	.355	.367	.484
POA TO CENTROID in.	:	.762	.916	.876
MIN RADIUS	:	.175	.183	.036
MEAN RADIUS	:	1.068	1.001	.945
MAX RADIUS	:	1.485	1.449	1.444
HORIZONTAL SPREAD	:	2.515	2.101	1.975
VERTICAL SPREAD	:	2.512	2.512	2.512
EXTREME SPREAD	:	2.700	2.700	2.523
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6349171

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

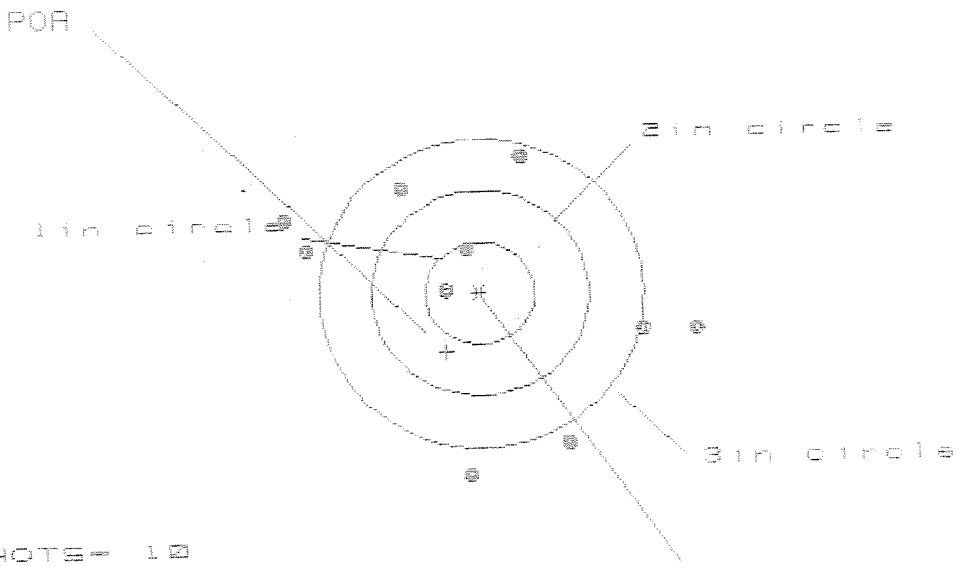
IN CIR
1 in = 2
2 in = 4
3 in = 10

HS= 2.366
VS= 2.443
GS= 2.577

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	1.093	1.213
MINIMUM X	:	-1.287	-1.273	-1.153
MAXIMUM Y	:	.974	.811	.818
MINIMUM Y	:	-1.469	-.863	-.761
CENTROID X	:	.360	.346	.226
CENTROID Y	:	.778	.941	.839
POA TO CENTROID in.	:	.857	1.002	.869
MIN RADIUS	:	.106	.063	.150
MEAN RADIUS	:	.968	.894	.839
MAX RADIUS	:	1.474	1.291	1.213
HORIZONTAL SPREAD	:	2.366	2.366	2.366
VERTICAL SPREAD	:	2.443	1.674	1.579
EXTREME SPREAD	:	2.577	2.530	2.386
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0349171

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

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

HS= 3.789
VS= 3.078
GS= 3.934

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.965	1.693	1.492
MINIMUM X	:	-1.824	-1.606	-1.612
MAXIMUM Y	:	1.284	1.249	1.337
MINIMUM Y	:	-1.794	-1.829	-1.741
CENTROID X	:	.313	.095	.296
CENTROID Y	:	.567	.602	.514
POA TO CENTROID in.	:	.648	.610	.593
MIN RADIUS	:	.349	.129	.348
MEAN RADIUS	:	1.399	1.290	1.260
MAX RADIUS	:	1.991	1.854	1.742
HORIZONTAL SPREAD	:	3.789	3.299	3.104
VERTICAL SPREAD	:	3.078	3.078	3.078
EXTREME SPREAD	:	3.934	3.474	3.210
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		4	

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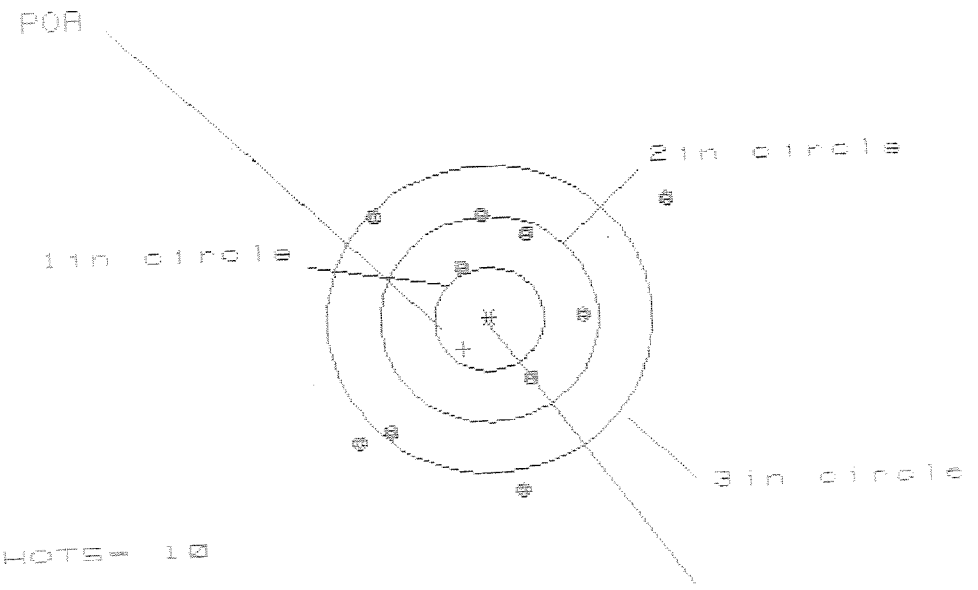
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

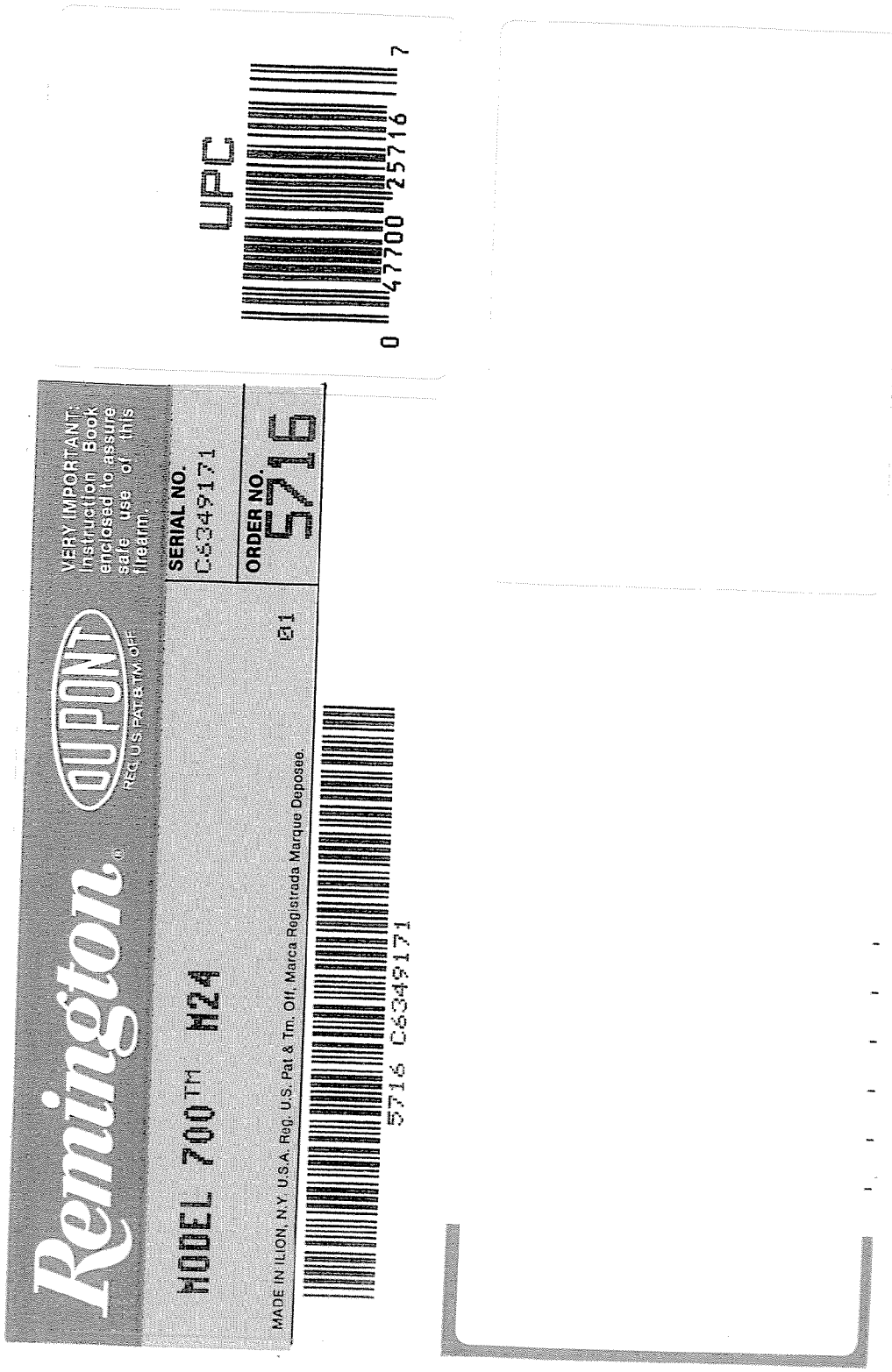
3in = 7

HS= 2.919

VS= 2.797

GS= 3.664

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.677	1.047	1.104
MINIMUM X	:	-1.242	-1.056	-.999
MAXIMUM Y	:	1.079	1.148	.949
MINIMUM Y	:	-1.718	-1.598	-1.215
CENTROID X	:	.240	.054	-.003
CENTROID Y	:	.278	.158	.357
POA TO CENTROID in.	:	.367	.166	.357
MIN RADIUS	:	[illegible]	[illegible]	.469
MEAN RADIUS	:	[illegible]	[illegible]	1.063
MAX RADIUS	:	[illegible]	[illegible]	1.573
HORIZONTAL SPREAD	:	2.919	[illegible]	2.103
VERTICAL SPREAD	:	2.797	[illegible]	2.164
EXTREME SPREAD	:	3.664	3.004	2.531
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	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