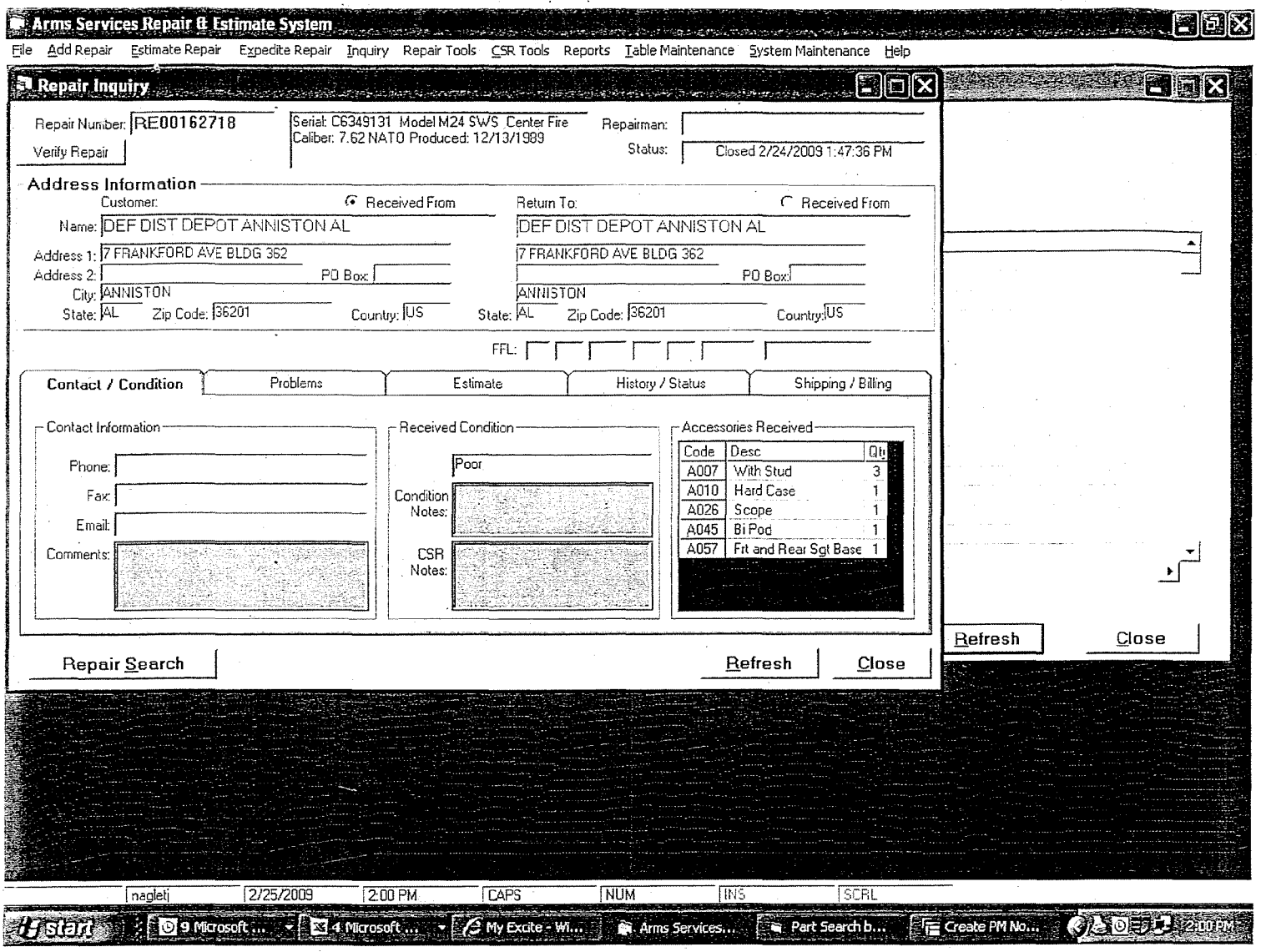
C6349131
MODEL 700™ M24
Model 5HS™
Action
Barrel Length
Capacity
Order No. 516
*Includes 1 in chamber.
Remington


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: RE00162718
Verify Repair
Serial: C6349131 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989
Repairman:
Status: Closed 2/24/2009 1:47:36 PM
Address Information
Customer: Received From
Name: DEF DIST DEPOT ANNISTON AL
Address 1: 7 FRANKFORD AVE BLDG 362
Address 2:
PO Box:
City: ANNISTON
State: AL Zip Code: 36201 Country: US
Return To: Received From
DEF DIST DEPOT ANNISTON AL
7 FRANKFORD AVE BLDG 362
PO Box:
ANNISTON
State: AL Zip Code: 36201 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Poor
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard Case 1
A026 Scope 1
A045 Bi Pod 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
Refresh
Close
nagletj 2/25/2009 2:00 PM CAPS NUM INS SCRL
start
9 Microsoft ...
4 Microsoft ...
My Excite - Wi...
Arms Services...
Part Search b...
Create PM No...
2:00 PM


Serial Number:
C6349131
Model: M24 SWS
RE00162718

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER 162718

SERIAL NUMBER C1034913 1

LOG-IN DATE 2-24-09

OPERATION #	OPERATION NAME				DATE	INITIAL
500	DIS-ASSEMBLE GUN				6-17-09	KTZ
505	RE-BARREL				6-24-09	KTZ
420	ASSEMBLE				6-24-09	KTZ
440	PROOF				6-23-09	
460	CHECK HEADSPACE				6-23-09	
470	DIS-ASSEMBLE GUN				6-23-09	
480	MAGNAFLUX				6/26/09	
510	DRILL AND TAP				6-24-09	
500	ROLLMARK CALIBER				6/26/09	RT
520	GOFF BLAST BBL / REC				6/26	
530 & 540	APPLY COATINGS				7/2	
560	FINAL ASSEMBLY				7-10-09	KTZ
640	FUNCTION TEST AND	(PASS)	FAIL		7-10-09	RP
650	TARGET	(PASS)	FAIL		7-10-09	RP
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION	N/A			
	MALFUNCTION	CORRECTION				
	MALFUNCTION	CORRECTION			7-10-09	
670	FINAL INSPECTION					
	A) HEADSPACE	(PASS)	FAIL		7-13-09	
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.38	2.36	2.43 2.38 2.43	7-13-09	
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.0	4.0	4.0	7-13-09	
	G) SAFETY OFF FORCE (2 LBS MIN)	5.0	4.0	4.0	7-13-09	
	I) FIRING PIN INDENT (.020)	.022	.022	.023	7-13-09	
690	PACK				7/16/09	

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349131.__0
FILE DATE AND TIME: 07/13/2009 14:23

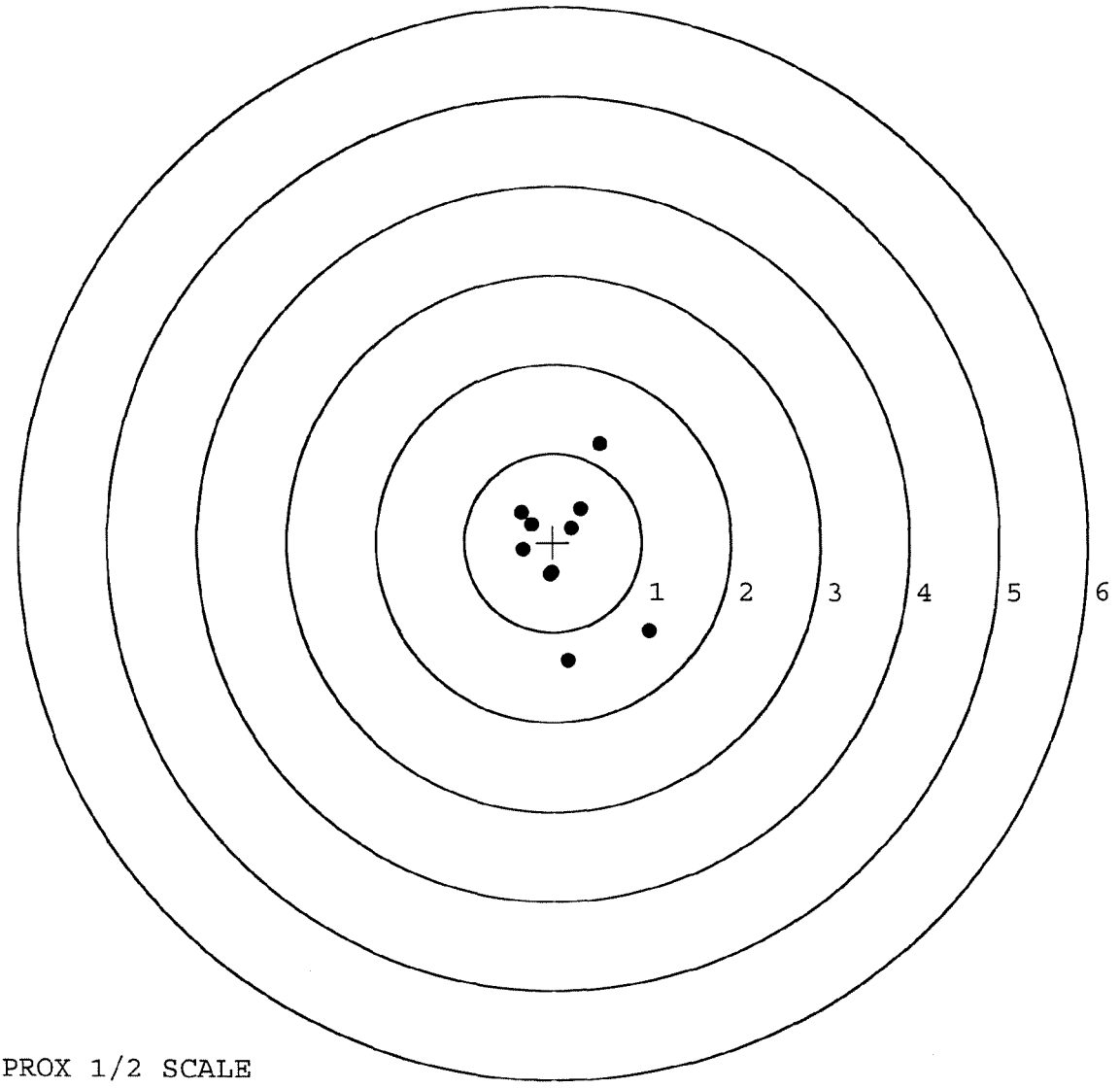
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.056
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.158
The Distance from Centroid Target #2 to Centroid Target #1:	0.159
The Distance from Centroid Target #3 to Centroid Target #1:	0.067
The Distance from Centroid Target #4 to Centroid Target #1:	0.178
The Distance from Centroid Target #5 to Centroid Target #1:	0.112

SERIAL NUMBER: C6349131.__0
TARGET NUMBER: 1
FILE DATE: 07/13/2009
FILE TIME: 14:23

X CENTROID:	0.129
Y CENTROID:	-0.091
POA TO CENTROID:	0.158
HORZ SPREAD:	1.435
VERT SPREAD:	2.432
GROUP SPREAD:	2.168
MIN RADIUS:	0.262
MAX RADIUS:	1.306
MEAN RADIUS:	0.678
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.167	-1.322
2:	1.079	-0.987
3:	-0.020	-0.345
4:	0.527	1.110
5:	0.311	0.380
6:	0.207	0.159
7:	-0.356	0.337
8:	-0.336	-0.083
9:	-0.040	-0.366
10:	-0.248	0.206

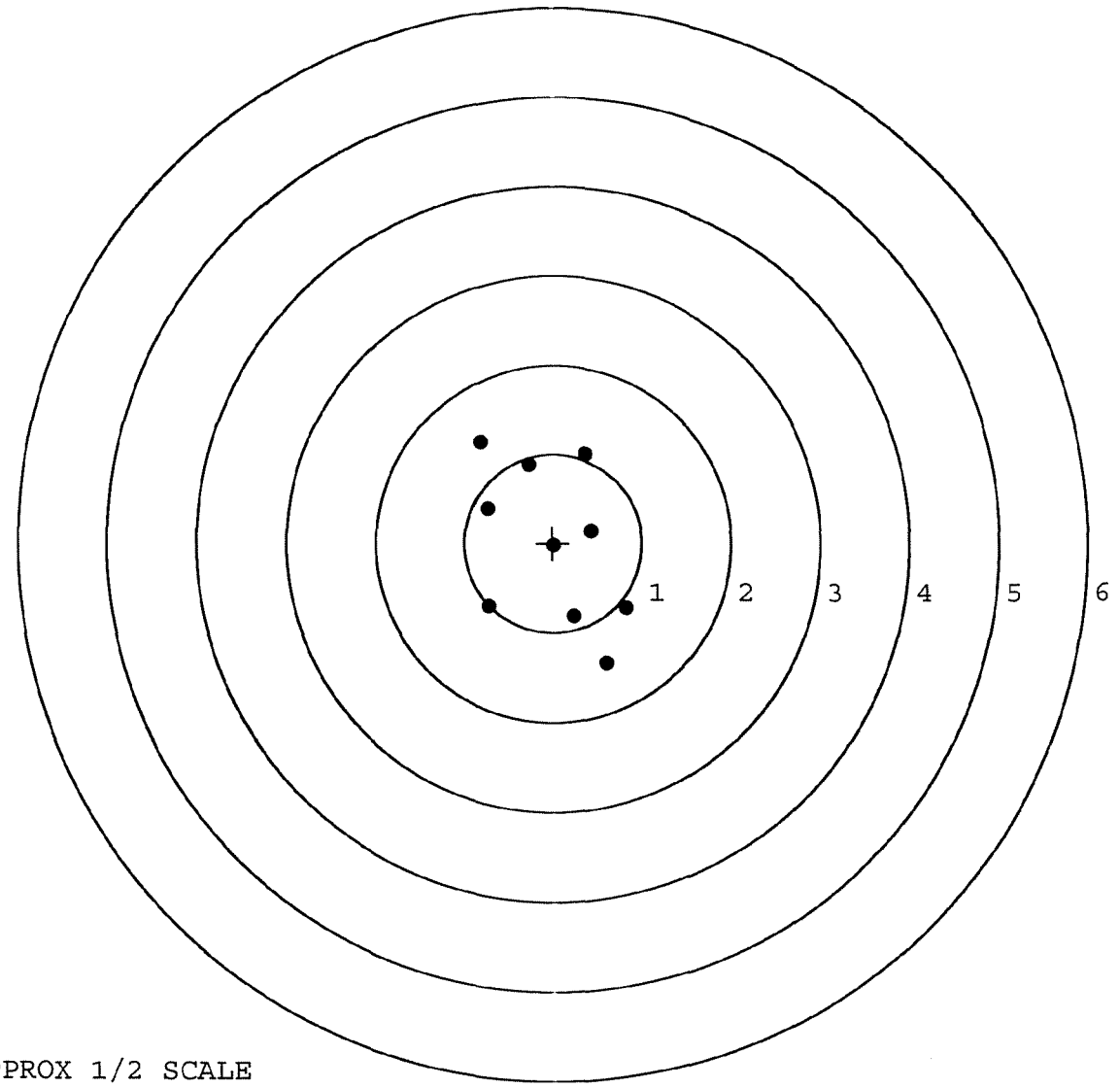


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349131.__0
TARGET NUMBER: 2
FILE DATE: 07/13/2009
FILE TIME: 14:23

X CENTROID:	-0.006
Y CENTROID:	-0.008
POA TO CENTROID:	0.010
HORZ SPREAD:	1.635
VERT SPREAD:	2.485
GROUP SPREAD:	2.858
MIN RADIUS:	0.028
MAX RADIUS:	1.469
MEAN RADIUS:	0.916
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.809	1.140
2:	-0.273	0.880
3:	0.373	1.000
4:	-0.738	0.394
5:	0.013	-0.029
6:	0.436	0.136
7:	0.826	-0.732
8:	0.603	-1.345
9:	0.235	-0.825
10:	-0.728	-0.701

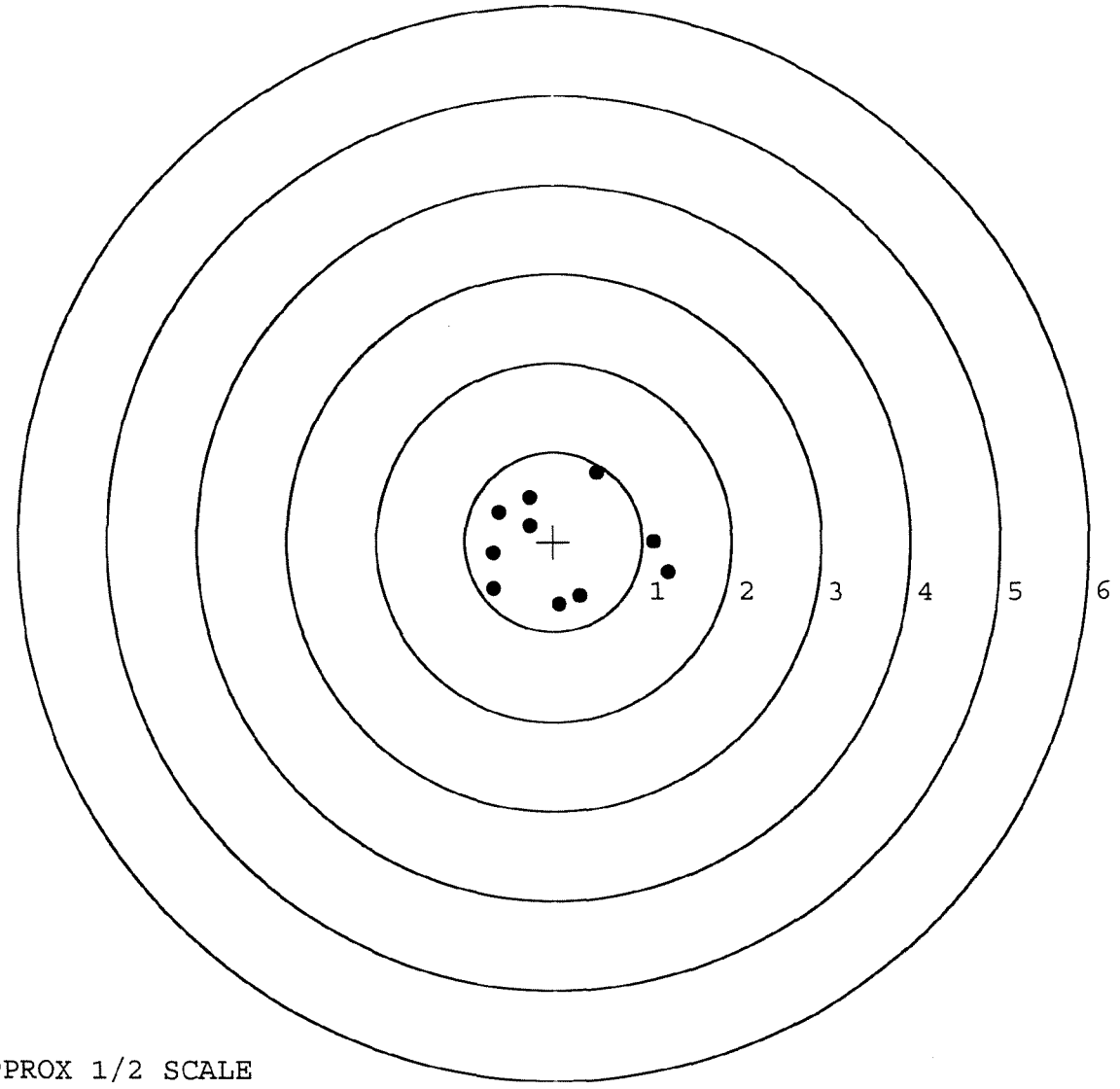


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349131.__0
TARGET NUMBER: 3
FILE DATE: 07/13/2009
FILE TIME: 14:23

X CENTROID:	0.076
Y CENTROID:	-0.051
POA TO CENTROID:	0.091
HORZ SPREAD:	1.971
VERT SPREAD:	1.482
GROUP SPREAD:	2.027
MIN RADIUS:	0.415
MAX RADIUS:	1.252
MEAN RADIUS:	0.799
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.127	0.003
2:	1.291	-0.351
3:	0.296	-0.610
4:	0.064	-0.703
5:	-0.680	-0.524
6:	-0.678	-0.121
7:	-0.615	0.340
8:	-0.270	0.497
9:	-0.268	0.181
10:	0.492	0.779

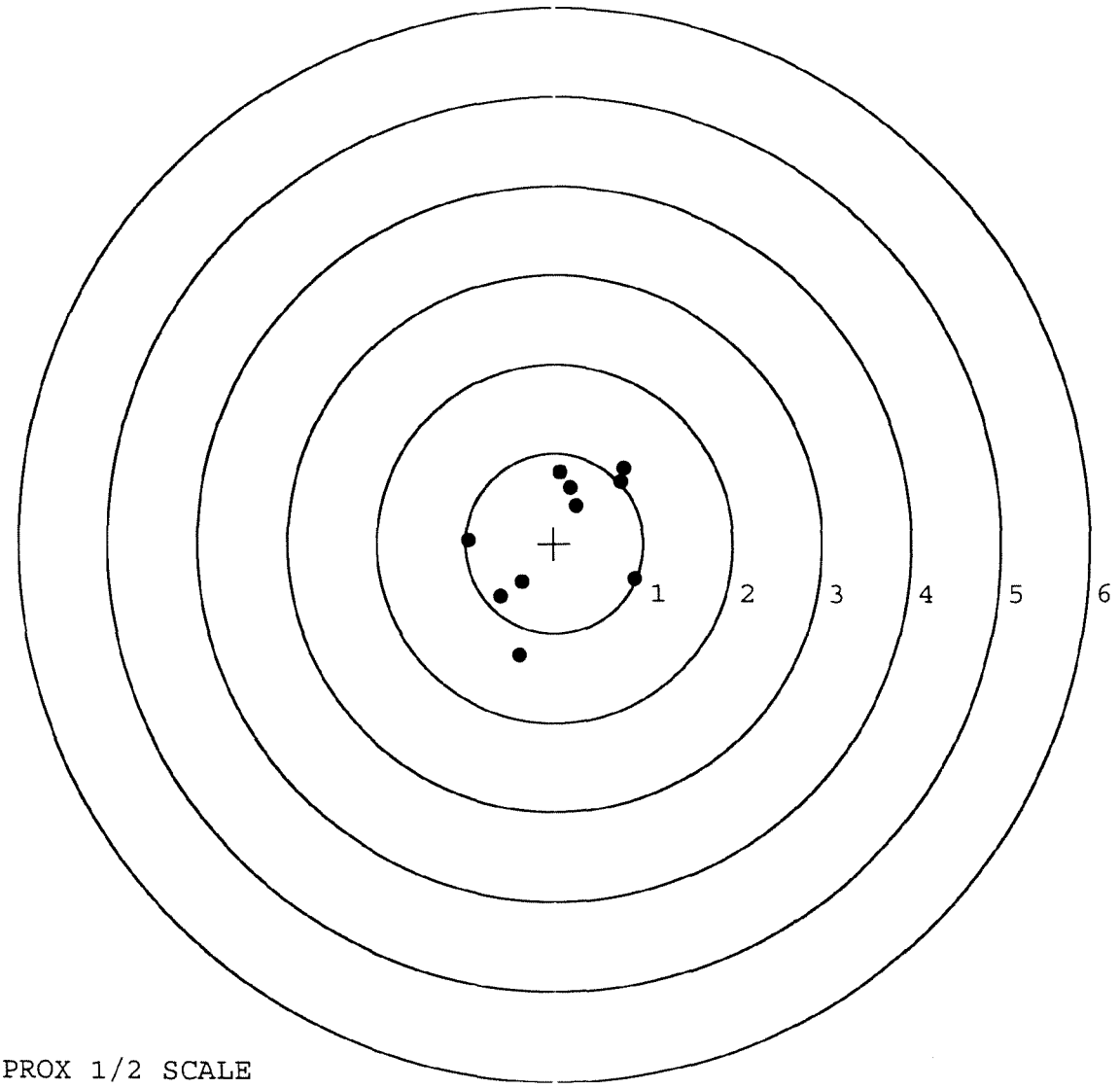


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349131.__0
TARGET NUMBER: 4
FILE DATE: 07/13/2009
FILE TIME: 14:23

X CENTROID:	0.061
Y CENTROID:	0.073
POA TO CENTROID:	0.095
HORZ SPREAD:	1.865
VERT SPREAD:	2.087
GROUP SPREAD:	2.393
MIN RADIUS:	0.392
MAX RADIUS:	1.397
MEAN RADIUS:	0.862
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.781	0.838
2:	0.749	0.692
3:	0.070	0.789
4:	0.184	0.619
5:	0.901	-0.394
6:	-0.390	-1.249
7:	-0.608	-0.589
8:	-0.363	-0.428
9:	-0.964	0.034
10:	0.247	0.418

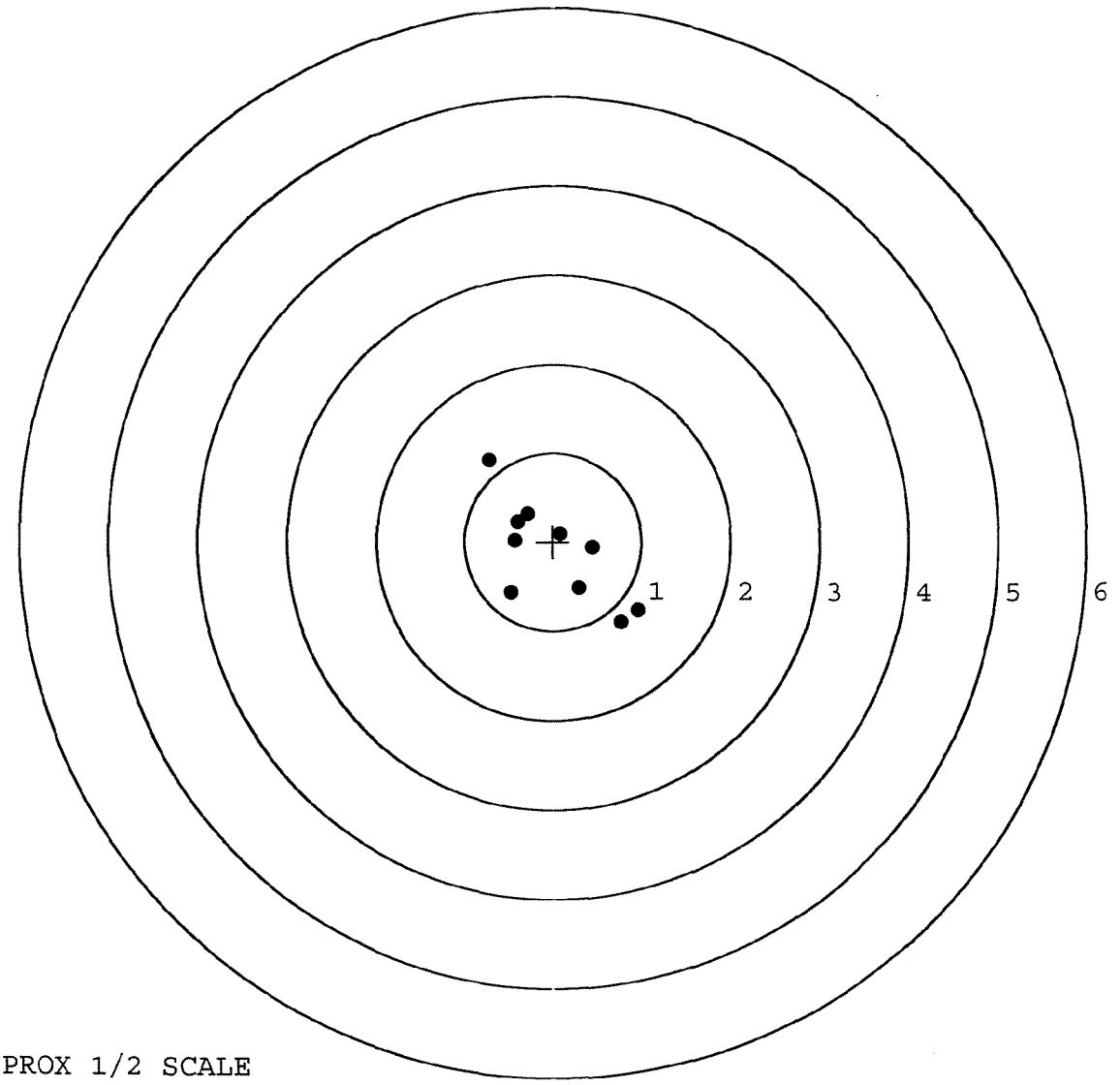


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349131.__0
TARGET NUMBER: 5
FILE DATE: 07/13/2009
FILE TIME: 14:23

X CENTROID:	0.023
Y CENTROID:	-0.127
POA TO CENTROID:	0.129
HORZ SPREAD:	1.682
VERT SPREAD:	1.828
GROUP SPREAD:	2.387
MIN RADIUS:	0.226
MAX RADIUS:	1.287
MEAN RADIUS:	0.687
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.762	-0.906
2:	0.958	-0.772
3:	0.296	-0.523
4:	-0.475	-0.570
5:	0.449	-0.064
6:	0.083	0.091
7:	-0.724	0.922
8:	-0.287	0.314
9:	-0.432	0.014
10:	-0.401	0.227



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN
Scope S/N 90-0250

ORDER: R 94-18086

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6349131		700 7-62 NATO

ACCESSORIES: SLING STRAP SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.O.D.

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

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	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS
New Barrel Trigger Assy Front + Rear Sight Assy	

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE 5/6/96	DATE 5/6/96	DATE

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C634913J
DATE 4-20-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.85	2.68		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT-ABLE LESS THAN 2#
PULL #2	2.31	2.80	2.85		
PULL #3	2.43	2.82	2.81		
PULL #4	2.40	2.83	2.82		
PULL #5	2.44	2.83	2.90		
TOTAL	1200	1413	1406		
AVG.	2.40	2.82	2.81		

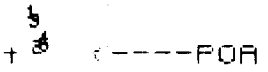
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.02		
PULL #2	2.93	2.87		
PULL #3	2.96	3.00		
PULL #4	3.17	3.13		
PULL #5	3.00	2.83		
TOTAL	1506	1485		
AVG.	3.01	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.00		4.17
PULL #2	4.00	4.33		4.36
PULL #3	4.12	4.14		4.25
PULL #4	4.15	4.00		4.25
PULL #5	4.09	4.09		4.22
TOTAL	2053	2056		2125
AVG.	4.10	4.11		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349131
5 Mar 1900

CENTROIDAL DISTANCES

0	TO	1	.874165
1	TO	2	.653878
1	TO	3	.168077
1	TO	4	.550114
1	TO	5	.656308

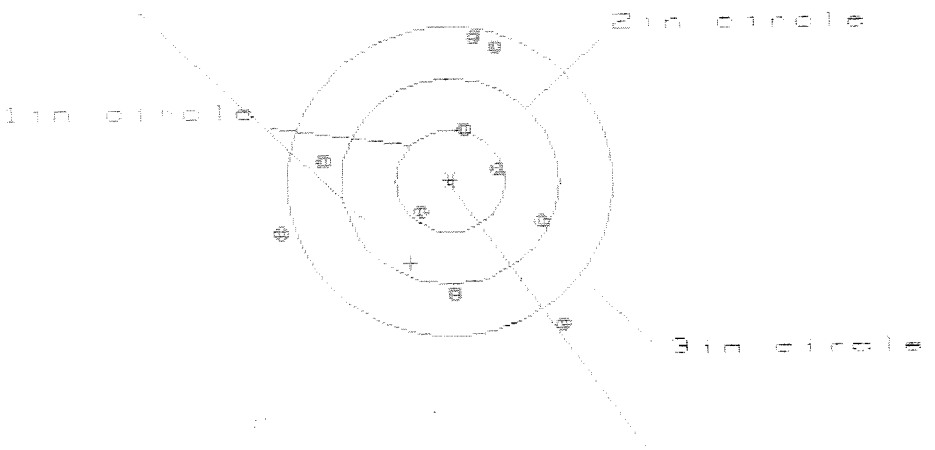


THE AVERAGE X-COORDINATE FOR THIS [illegible]: .5106
THE AVERAGE Y-COORDINATE FOR THIS [illegible]: .414
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .657349

THE AMR FOR THIS RIFLE IS: 1.064

5 Mar 1998 FILE: PATTERNING/CENTERFIRE_PATT/C6349131

CENTERFIRE PATTERNS # 1



OF SHOTS= 12

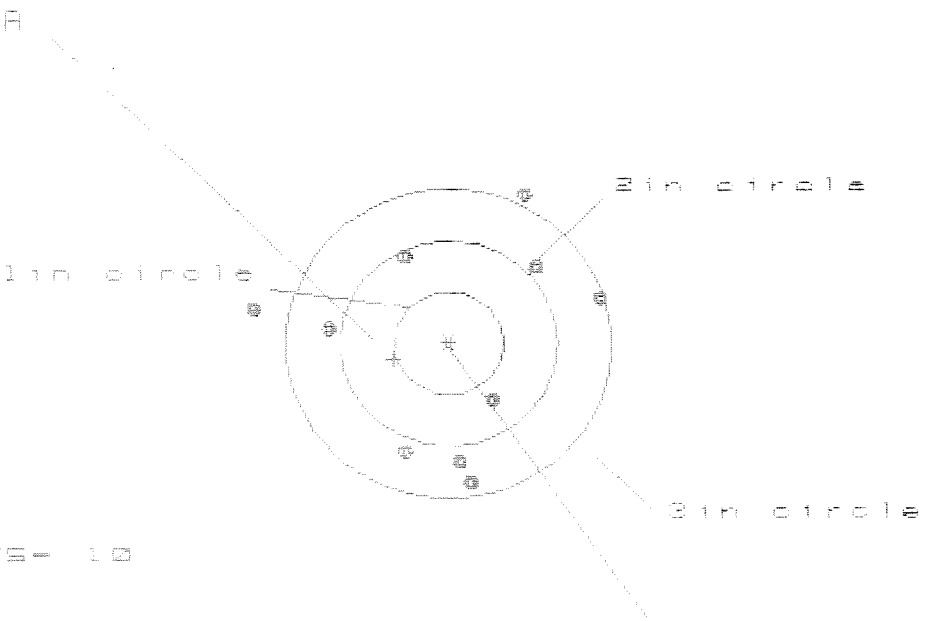
# IN CIR
1in = 2
2in = 4
3in = 6

HS= 2.563
VS= 2.812
GS= 2.916

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	8	8
MAXIMUM X	:	1.0[illegible]	.[illegible]39	.721
MINIMUM X	:	-1.54[illegible]	-.[illegible]43	-1.280
MAXIMUM Y	:	1.436	1.[illegible]82	1.202
MINIMUM Y	:	-1.376	-1.217	-1.298
CENTROID X	:	.370	.256	.435
CENTROID Y	:	.792	.945	1.026
POA TO CENTROID in.	:	.874	.979	1.114
MIN RADIUS	:	.405	.455	.333
MEAN RADIUS	:	1.077	1.006	.906
MAX RADIUS	:	1.714	1.568	1.339
HORIZONTAL SPREAD	:	2.563	2.328	2.001
VERTICAL SPREAD	:	2.812	2.500	2.500
EXTREME SPREAD	:	2.916	2.600	2.511
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Mar 1808 FILE:/PATTERNING/CENTERFIRE_PATT/C0349131

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.197

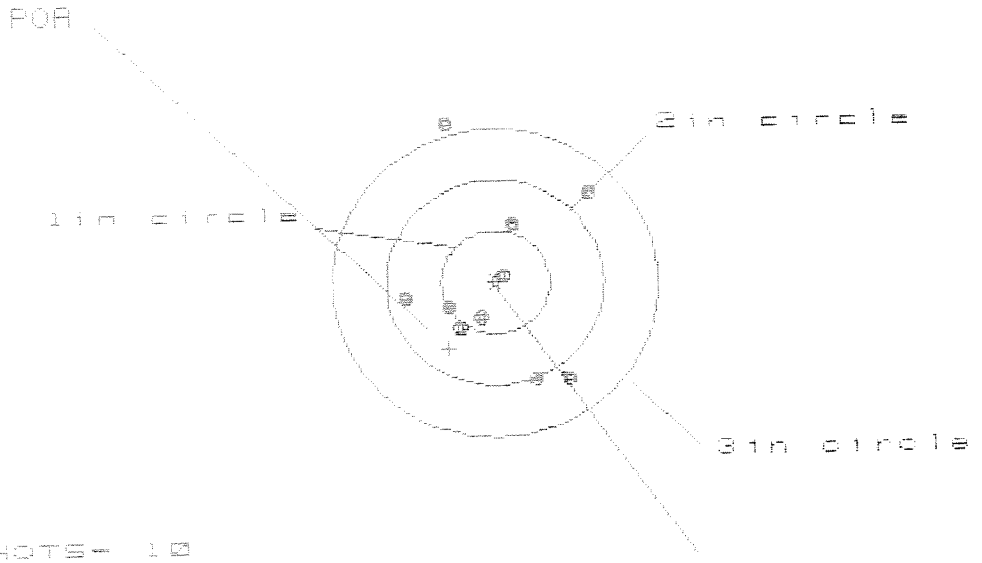
VS= 2.814

GS= 3.203

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.443	1.248	1.314
MINIMUM X	:	-1.754	-1.268	-1.202
MAXIMUM Y	:	1.485	1.519	1.102
MINIMUM Y	:	-1.329	-1.295	-1.105
CENTROID X	:	.504	.699	.633
CENTROID Y	:	.152	.118	-.072
POA TO CENTROID in.	:	.526	.709	.637
MIN RADIUS	:	.701	.584	.443
MEAN RADIUS	:	1.242	1.166	1.078
MAX RADIUS	:	1.780	1.606	1.498
HORIZONTAL SPREAD	:	3.197	2.516	2.516
VERTICAL SPREAD	:	2.814	2.814	2.207
EXTREME SPREAD	:	3.203	2.864	2.534
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C0348131

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

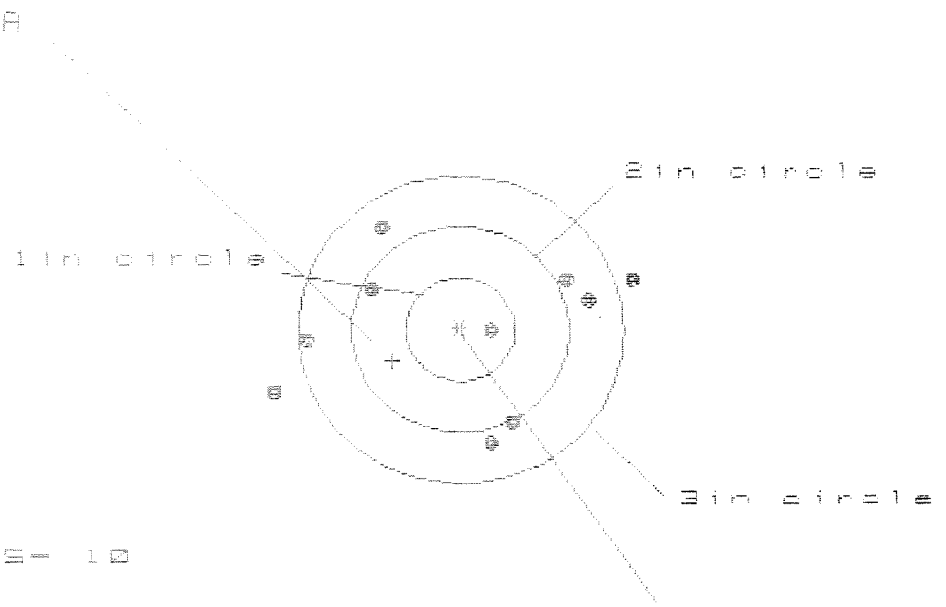
# IN CIR
1in = 2
2in = 7
3in = 9

HS= 1.759
VS= 2.440
GS= 2.691

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.844	.705
MINIMUM X	:	-.861	-.915	-.809
MAXIMUM Y	:	1.542	1.004	.847
MINIMUM Y	:	-.898	-.727	-.601
CENTROID X	:	.435	.489	.383
CENTROID Y	:	.687	.466	.340
POA TO CENTROID in.	:	.772	.675	.513
MIN RADIUS	:	.080	.246	.092
MEAN RADIUS	:	.793	.687	.571
MAX RADIUS	:	1.616	1.312	.927
HORIZONTAL SPREAD	:	1.759	1.759	1.514
VERTICAL SPREAD	:	2.440	1.731	1.448
EXTREME SPREAD	:	2.691	1.993	1.709
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C8348131

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.280

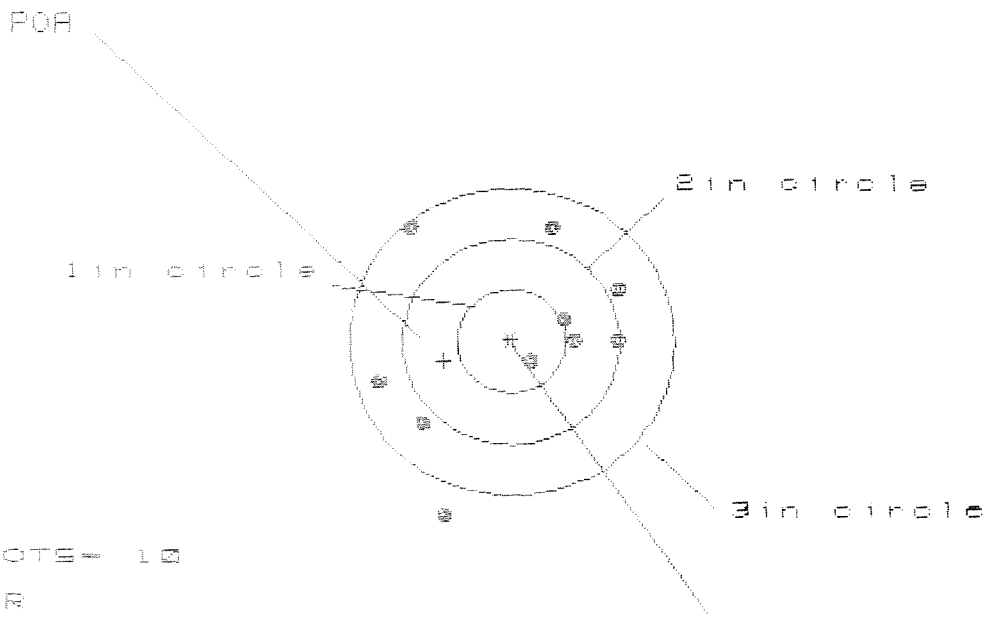
VS= 2.142

GS= 3.449

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.551	1.358	1.149
MINIMUM X	:	-1.729	-1.634	-1.464
MAXIMUM Y	:	1.040	.976	1.029
MINIMUM Y	:	-1.102	-1.166	-1.113
CENTROID X	:	.622	.815	.645
CENTROID Y	:	.303	.367	.314
POA TO CENTROID in.	:	.692	.893	.717
MIN RADIUS	:	.257	.072	.234
MEAN RADIUS	:	1.175	1.064	1.034
MAX RADIUS	:	1.823	1.645	1.470
HORIZONTAL SPREAD	:	3.280	2.992	2.613
VERTICAL SPREAD	:	2.142	2.142	2.142
EXTREME SPREAD	:	3.449	3.055	2.649
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

5 Mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C8349131

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 9

HS= 2.271
VS= 2.763
GS= 2.946

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.008	.935	.814
MINIMUM X	:	-1.263	-1.336	-1.457
MAXIMUM Y	:	1.099	.914	1.027
MINIMUM Y	:	-1.664	-.929	-.816
CENTROID X	:	.622	.695	.816
CENTROID Y	:	.186	.371	.258
POA TO CENTROID in.	:	.649	.788	.856
MIN RADIUS	:	.247	.352	.214
MEAN RADIUS	:	1.035	.927	.825
MAX RADIUS	:	1.788	1.469	1.540
HORIZONTAL SPREAD	:	2.271	2.271	2.271
VERTICAL SPREAD	:	2.763	1.843	1.843
EXTREME SPREAD	:	2.946	2.477	2.477
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349131

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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			
	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	5	5	5			5/7/96	WB
	G) Safety Off Force	2¼	2¼	2¼			5/7/96	WB
	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	2.78	2.81	2.77	2.70	2.70	5/7/96	WB
	C) Function							
660	Pack							

Serial 0689

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349131

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	AC
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 1689		SB
618	Polish Barrel RS	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/3/89	JH
	G) Safety Off Force	3	3	3			11/3/89	JH
	H) Trigger Pull Test & Retainability						11/1/89	WB
	I) Firing Pin Indent	.0205	.0205	.020			11/3/89	JH
	J) Assemble Stock						11/3/89	RW
	K) Assemble Swivel Studs						11 Dec 89	JSB
	L) Attach Front and Rear Sight Assemblies						11/3/89	RW
	M) Iron Sight Alignment						11/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/3/89	RW
	O) Attach Scope to Rifle						11/6/89	JH
	P) Detach & Attach Scope 20 Times						11/6/89	JH
640	Gallery Target & Test						11-7-89	DH
	A) Time						11-7-89	DH
	B) Malfunctions						11-7-89	DH
	C) Pierced Primers						11-7-89	DH
	D) Optical Clearity of Scope						11-7-89	DH
645	Inspect for Live Ammo						11-7-89	DH
655	Final Inspection A) Headspace						11 Dec 89	JSB
	B) Trigger Pull	207	219	230	245	226	11 Dec 89	JSB
	C) Function						11 Dec 89	JSB
660	Pack						15 Dec 89	JSB

SWS TRIGGER PULL TEST

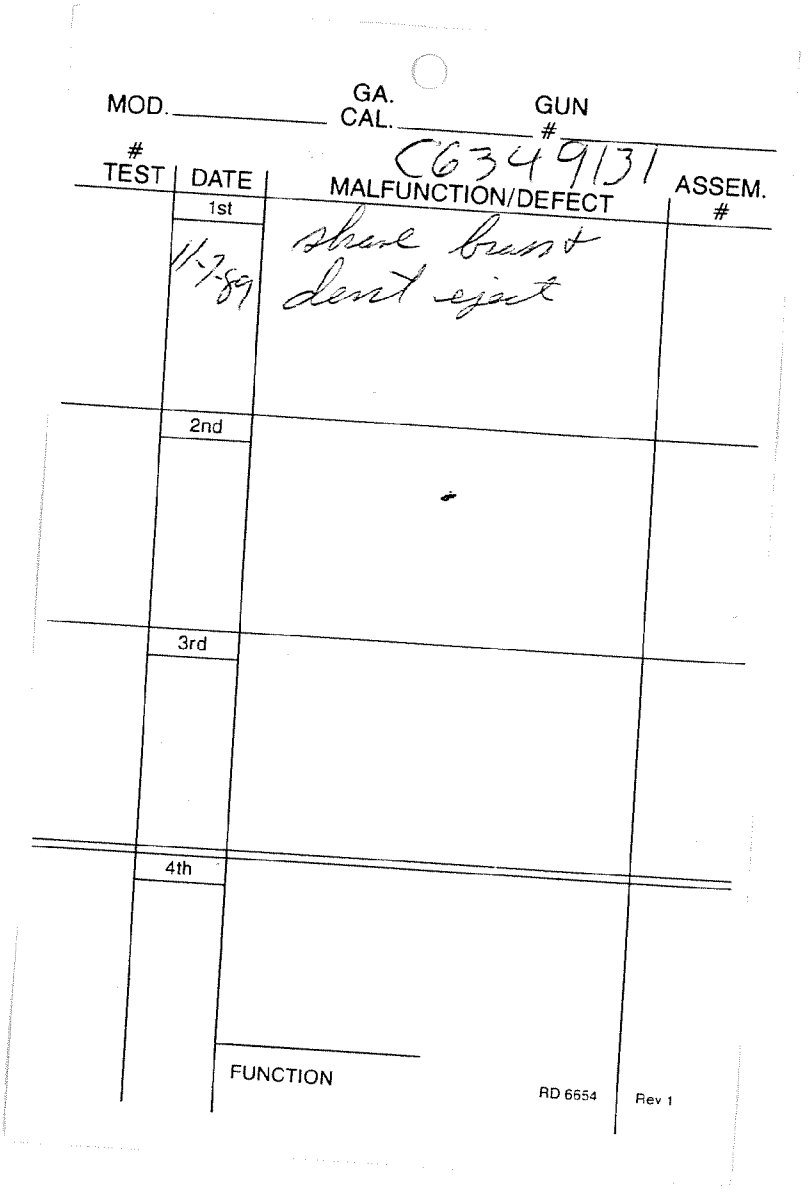
AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 6349131
DATE 13Mar90
TESTER JDS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.53		2.46	MIN. SETTING,
PULL #2	2.41	2.40		2.44	NO AVG. OF 5
PULL #3	2.46	2.42		2.58	READINGS ACCEPT-
PULL #4	2.47	2.43		2.50	ABLE LESS THAN 2#
PULL #5	2.42	2.50		2.54	
TOTAL	11.66	12.28			
AVG.	2.332	2.456			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.17		—
PULL #2	3.15	3.15		
PULL #3	2.98	3.13		
PULL #4	3.15	3.11		
PULL #5	3.14	3.12		
TOTAL	15.47	15.68		
AVG.	3.094	3.136		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.01		
PULL #2	4.14	4.09		
PULL #3	4.10	4.10		
PULL #4	4.16	4.06		
PULL #5	4.07	4.08		
TOTAL	20.69	20.34		
AVG.	4.138	4.068		



MOD. _____ GA. _____ CAL. _____ GUN # C6349131

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
1st	11-7-89	shell burst dent eject	
2nd			
3rd			
4th			

FUNCTION

RD 6554 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole	
TEST	Polish Ejector	RW
TGT	12/8/89	
PROOF	shot OK	DH
TEST		
TGT	12-9-89	
	ENGINEER	
PROOF		
TEST		
TGT		
	ENGINEER	
PROOF		
TEST		
TGT		

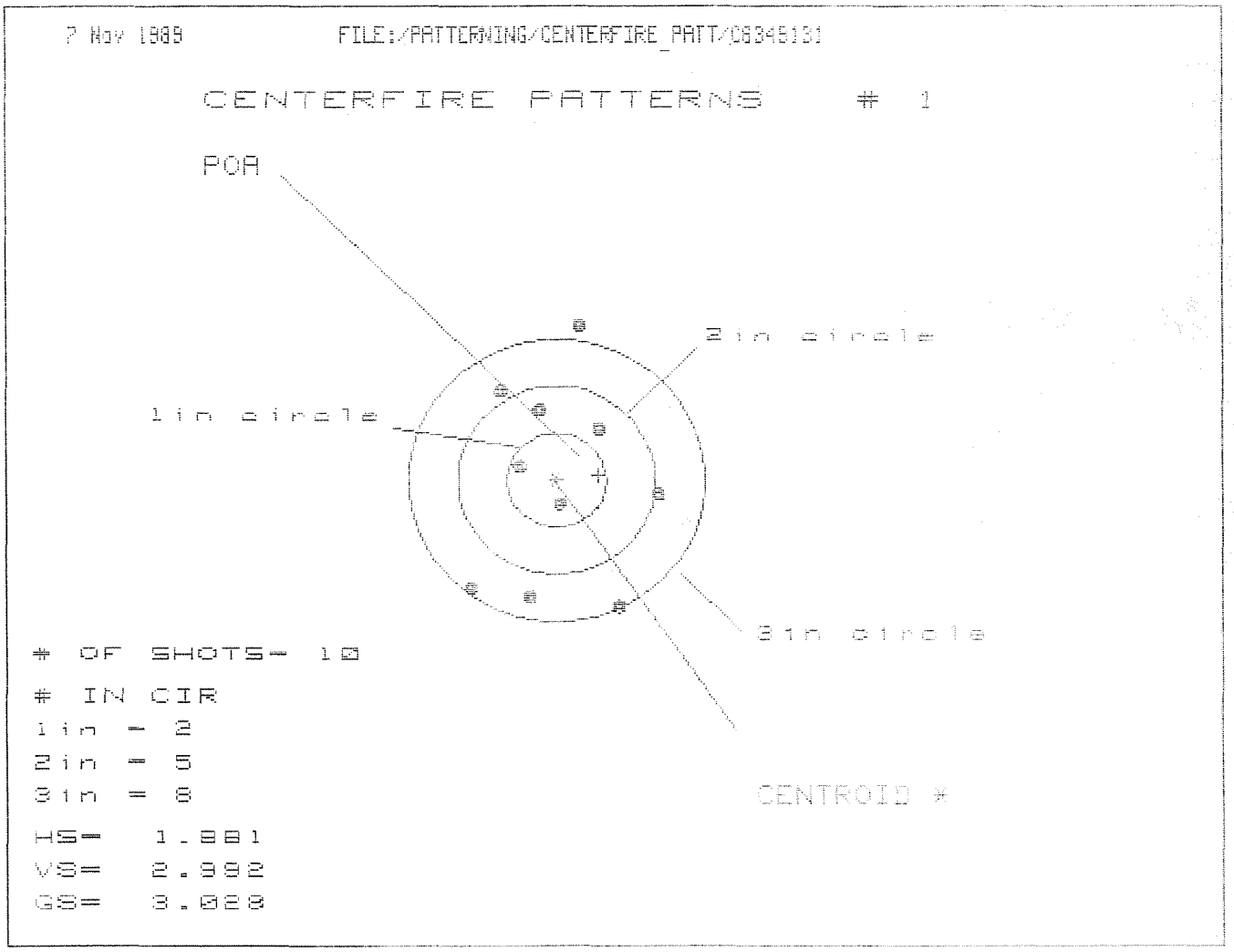
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349131
7 Nov 1989

CENTROIDAL DISTANCES

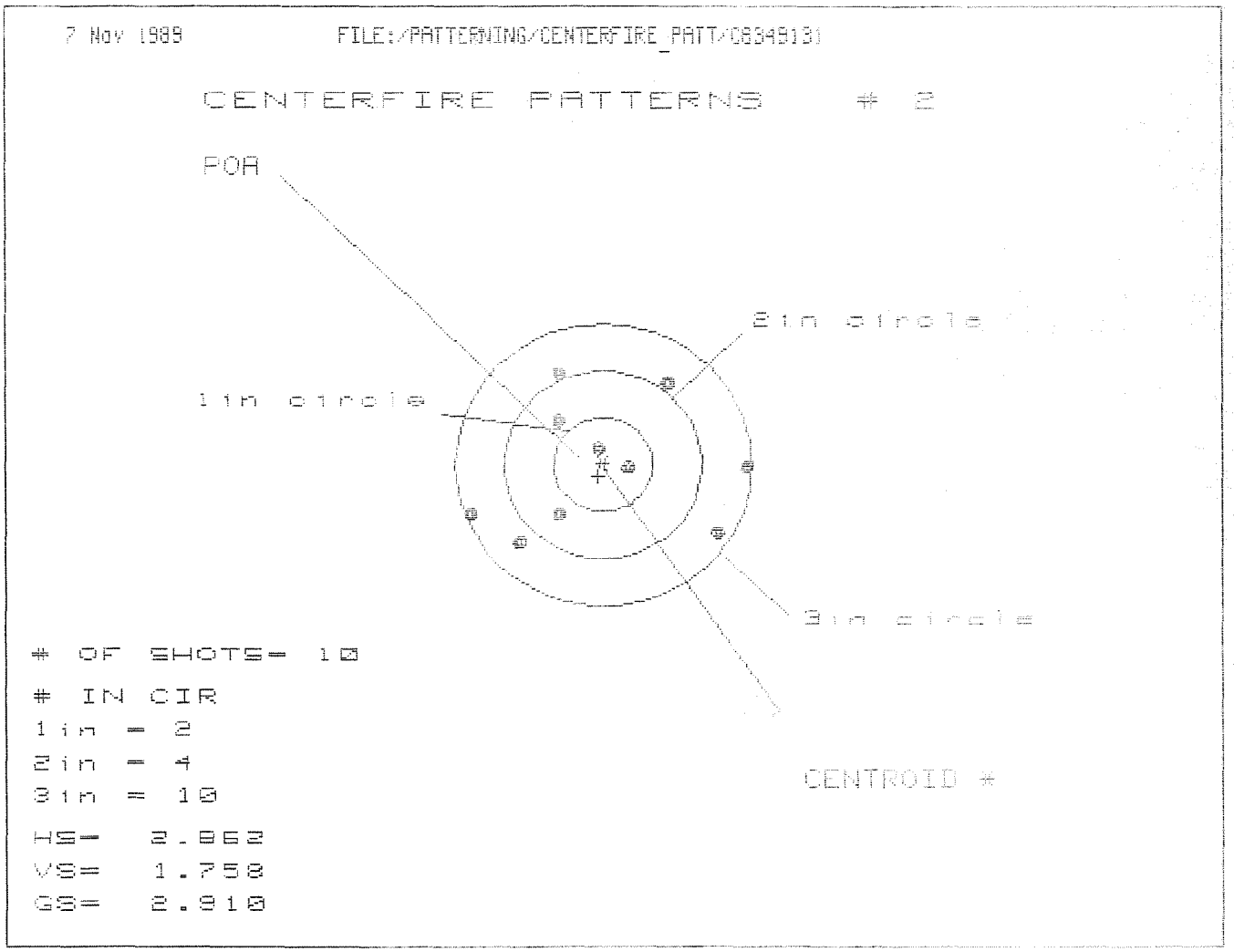
0	TO	1	.430401
1	TO	2	.507256
1	TO	3	.65352
1	TO	4	.297836
1	TO	5	.301438

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1716
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0946
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .195948

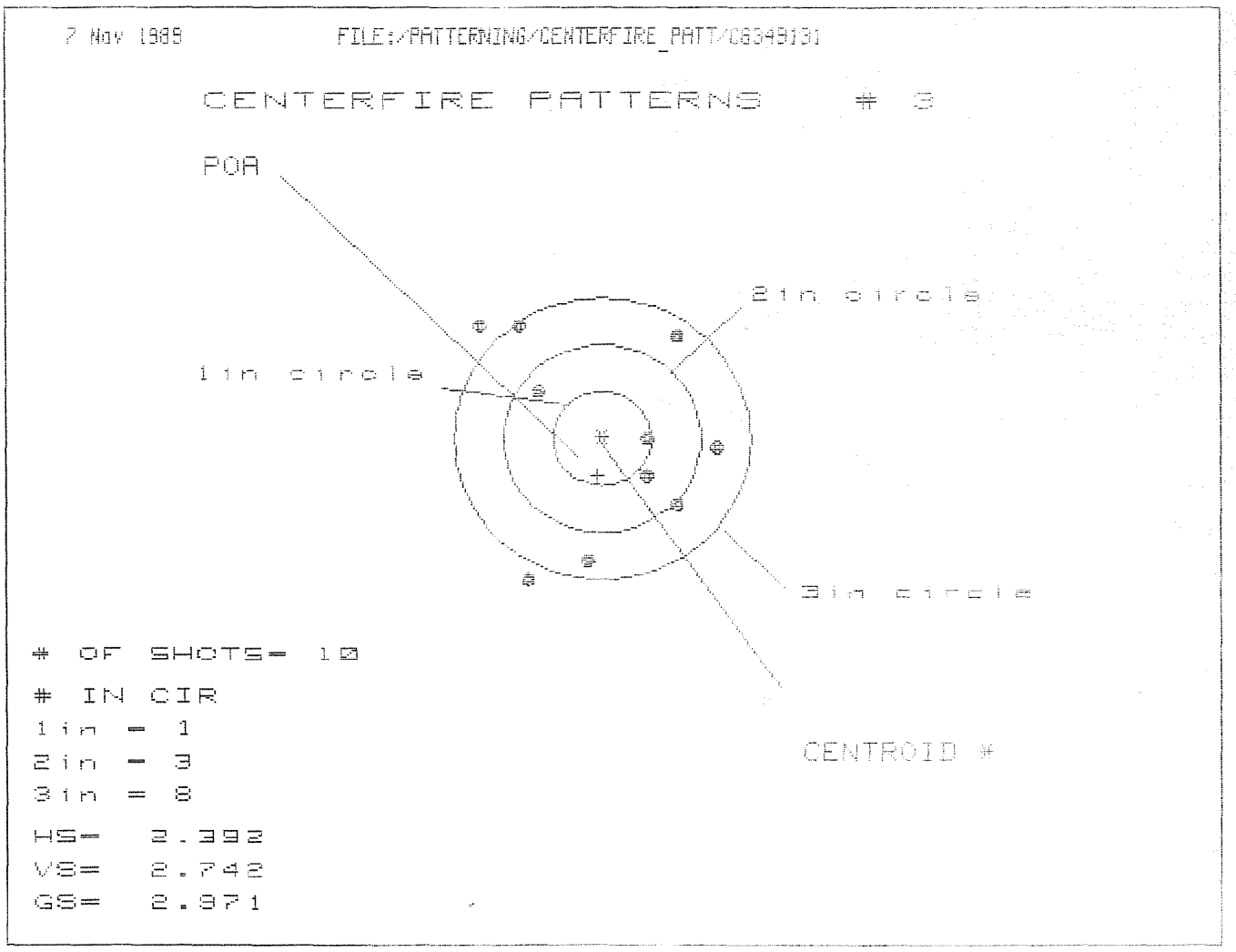
THE AMR FOR THIS RIFLE IS: .977



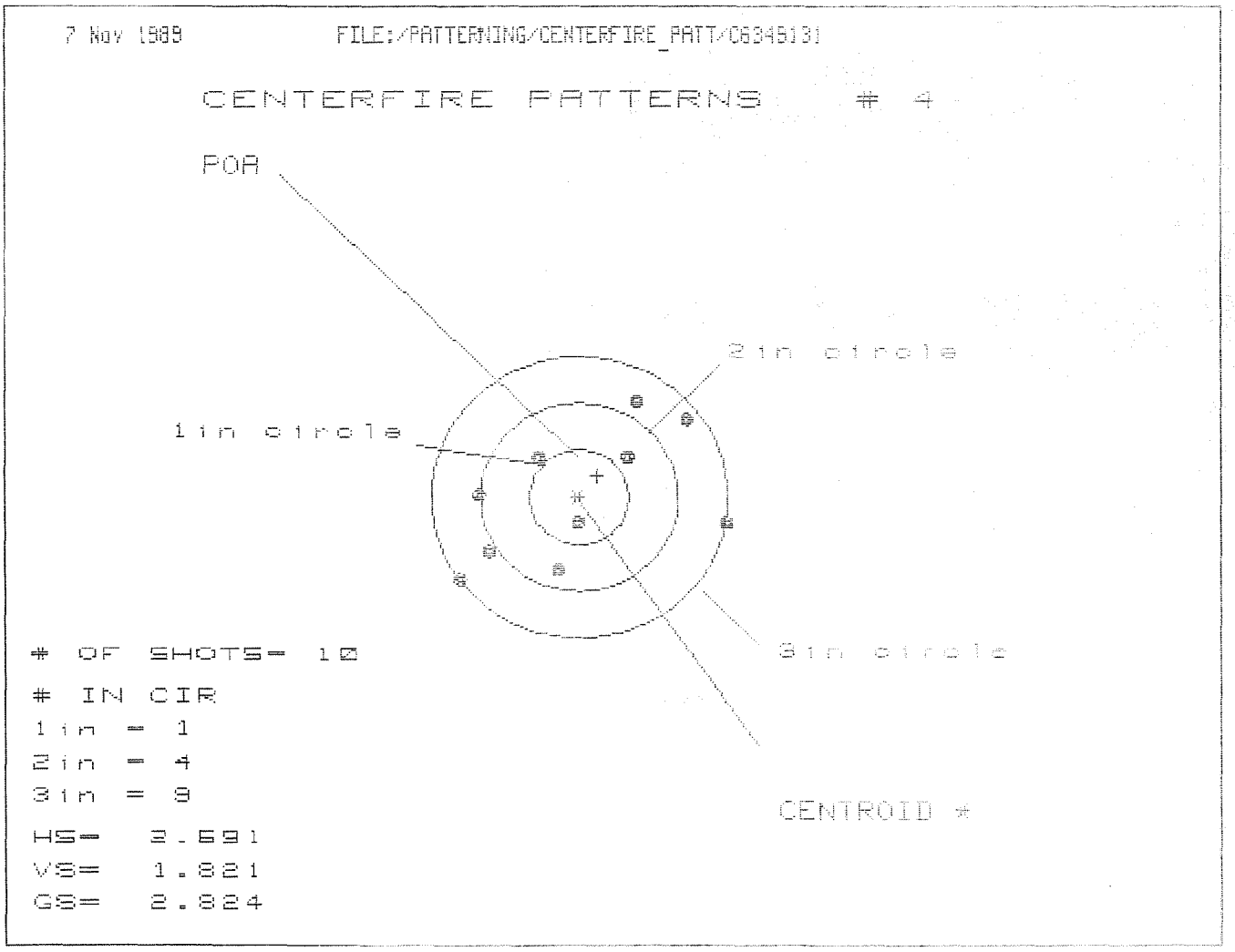
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.952	1.019	1.103
MINIMUM X	:	-.889	-.862	-.776
MAXIMUM Y	:	1.624	1.160	1.012
MINIMUM Y	:	-1.368	-1.188	-1.253
CENTROID X	:	-.427	-.454	-.538
CENTROID Y	:	-.054	-.234	-.086
POA TO CENTROID in.	:	.431	.511	.545
MIN RADIUS	:	.199	.052	.213
MEAN RADIUS	:	1.019	.947	.879
MAX RADIUS	:	1.642	1.365	1.390
HORIZONTAL SPREAD	:	1.881	1.881	1.881
VERTICAL SPREAD	:	2.992	2.348	2.265
EXTREME SPREAD	:	3.028	2.651	2.281
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



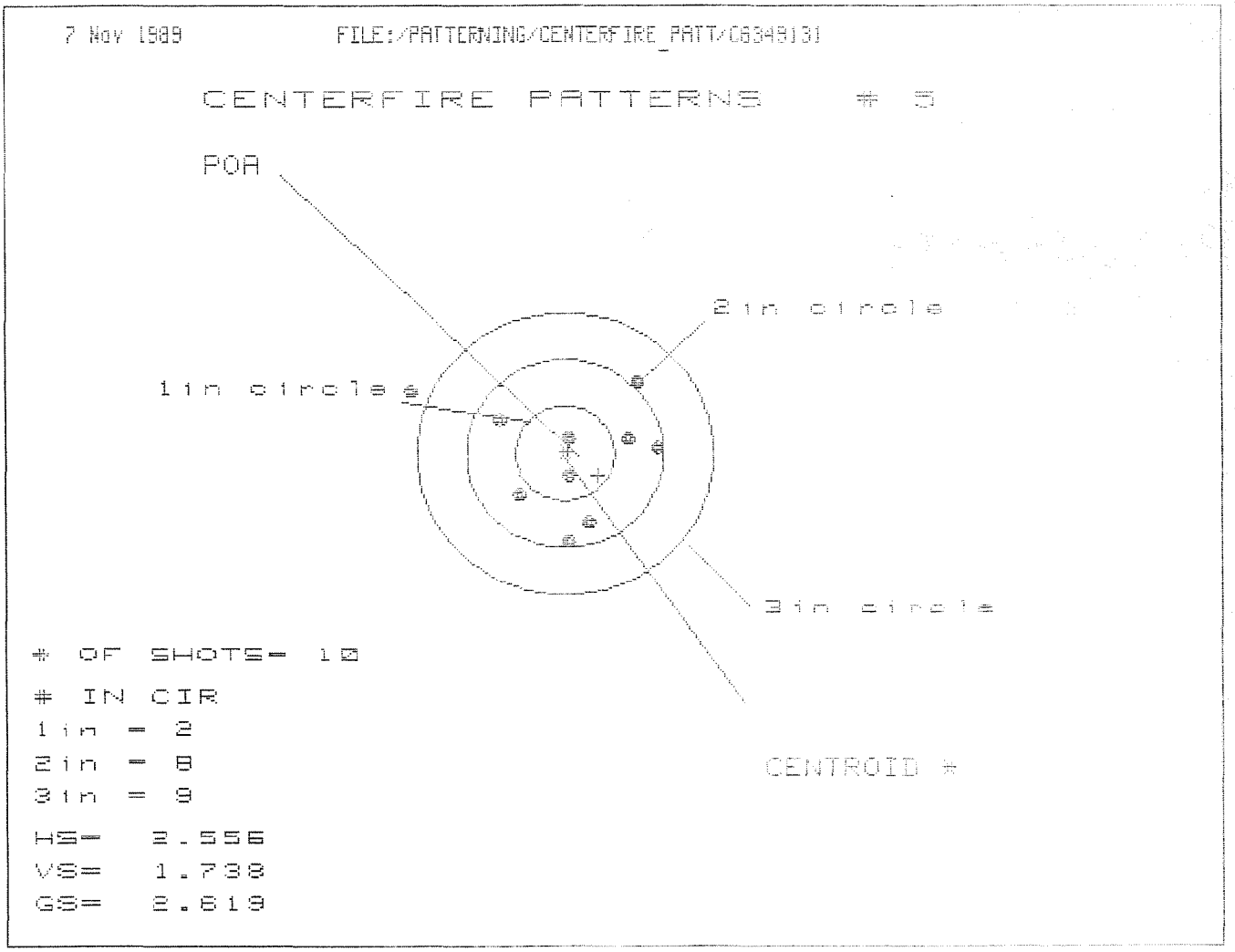
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.484	1.277	1.125
MINIMUM X	:	-1.378	-1.213	-.817
MAXIMUM Y	:	.941	.943	.879
MINIMUM Y	:	-.817	-.815	-.879
CENTROID X	:	.048	-.117	.035
CENTROID Y	:	.124	.122	.186
POA TO CENTROID in.	:	.133	.169	.189
MIN RADIUS	:	.202	.254	.140
MEAN RADIUS	:	.936	.870	.792
MAX RADIUS	:	1.484	1.466	1.372
HORIZONTAL SPREAD	:	2.862	2.490	1.942
VERTICAL SPREAD	:	1.758	1.758	1.758
EXTREME SPREAD	:	2.910	2.499	2.254
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	8		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.151	1.013	.903
MINIMUM X	:	-1.241	-.982	-1.092
MAXIMUM Y	:	1.228	1.362	1.190
MINIMUM Y	:	-1.514	-1.380	-1.317
CENTROID X	:	.045	.183	.293
CENTROID Y	:	.398	.264	.436
POA TO CENTROID in.	:	.401	.321	.526
MIN RADIUS	:	.426	.315	.183
MEAN RADIUS	:	1.156	1.051	.955
MAX RADIUS	:	1.732	1.679	1.615
HORIZONTAL SPREAD	:	2.392	1.995	1.995
VERTICAL SPREAD	:	2.742	2.742	2.506
EXTREME SPREAD	:	2.971	2.971	2.615
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.298	1.171
MINIMUM X	:	-1.185	-1.018	-.978
MAXIMUM Y	:	.999	.970	.863
MINIMUM Y	:	-.822	-.951	-.874
CENTROID X	:	-.186	-.353	-.226
CENTROID Y	:	-.229	-.200	-.093
POA TO CENTROID in.	:	.295	.406	.245
MIN RADIUS	:	.247	.322	.385
MEAN RADIUS	:	.965	.910	.858
MAX RADIUS	:	1.529	1.507	1.344
HORIZONTAL SPREAD	:	2.691	2.316	2.149
VERTICAL SPREAD	:	1.821	1.821	1.737
EXTREME SPREAD	:	2.824	2.824	2.461
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.767	.836
MINIMUM X	:	-1.610	-.835	-.766
MAXIMUM Y	:	.782	.859	.591
MINIMUM Y	:	-.956	-.879	-.772
CENTROID X	:	-.338	-.159	-.228
CENTROID Y	:	.234	.157	.050
POA TO CENTROID in.	:	.411	.224	.233
MIN RADIUS	:	.132	.208	.089
MEAN RADIUS	:	.789	.668	.604
MAX RADIUS	:	1.750	1.020	.968
HORIZONTAL SPREAD	:	2.556	1.602	1.602
VERTICAL SPREAD	:	1.738	1.738	1.363
EXTREME SPREAD	:	2.619	1.856	1.628
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington® DUPONT REG. U.S. PAT & TM. OFF.

VERY IMPORTANT
Instruction Book enclosed to assure safe use of this firearm.

MODEL 700™ M24

SERIAL NO. C6349131

ORDER NO. 5716

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