C627532

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00071842
Verify Repair | High Priority

Serial: C6225532 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS

Repairman:
Status: New 10/22/2003 2:16:11 PM

Address Information

Customer:	Received From	Return To:	Received From
Name:	MICHAEL FRIEND	MICHAEL FRIEND	
Address 1:	POB 3 75TH RANGER	POB 3 75TH RANGER	
Address 2:	82 AIRB DIV RD BLDG 2459 PO Box:	82 AIRB DIV RD BLDG 2459 PO Box:	
City:	FORT BENNING	FORT BENNING	
State:	GA Zip Code: 31905 Country: US	State: GA Zip Code: 31905 Country: US	

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: 706 545 3545
Fax:
Email:
Comments:

Received Condition

Good
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
C000	FRT AND REAR BASE	1

Repair Search | Refresh | Close

nagletj | 10/22/2003 | 2:39 PM | CAPS | NUM | INS | SCRL

start | Inbox - Microsof... | Calendar - Micro... | Arms Services R... | 2:39 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225532.__0
FILE DATE AND TIME: 11/19/2003 11:40

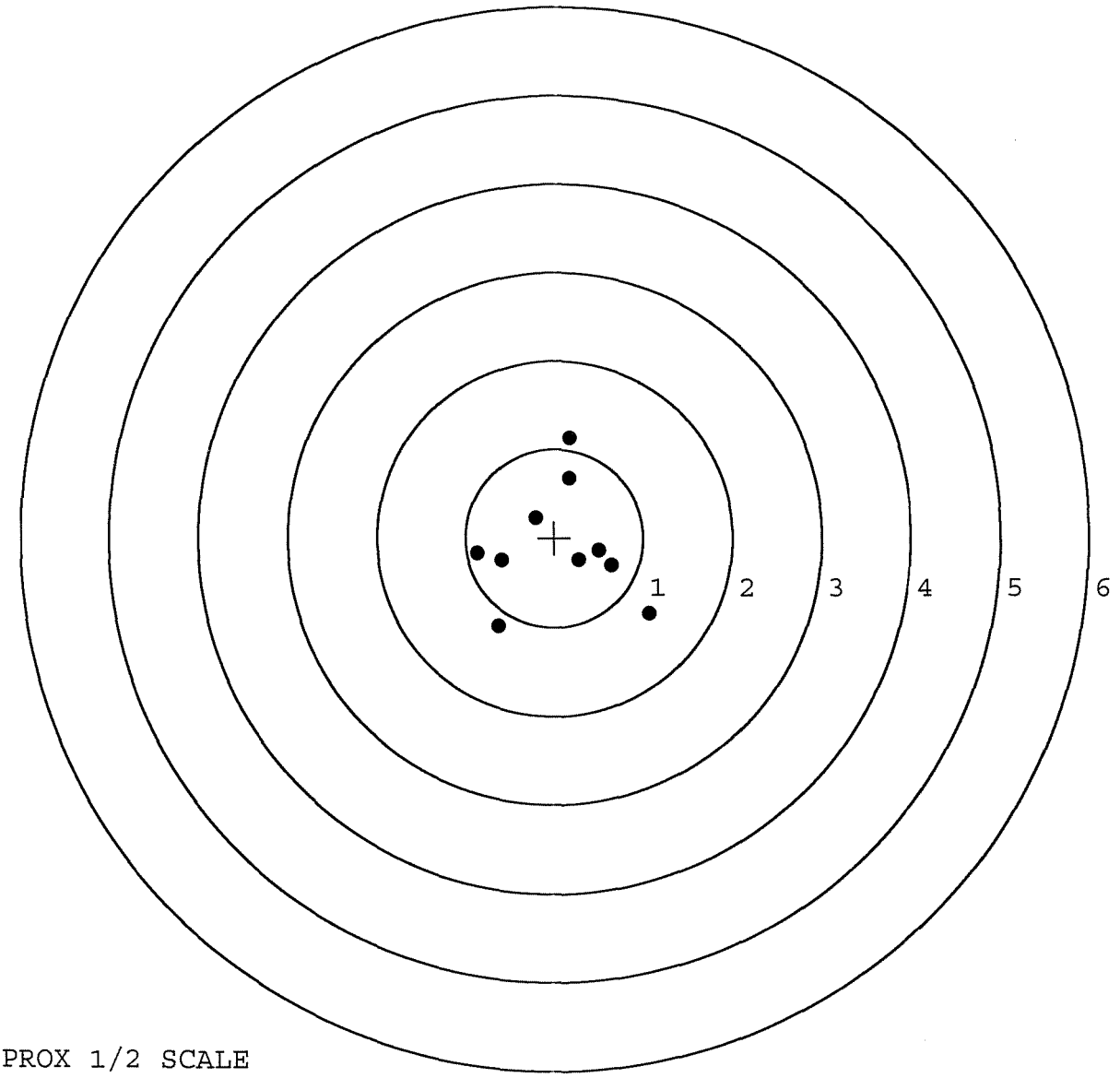
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.188
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.607
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.210
The Distance from Centroid Target #3 to Centroid Target #1:	0.385
The Distance from Centroid Target #4 to Centroid Target #1:	0.195
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

SERIAL NUMBER: C6225532.__0
TARGET NUMBER: 1
FILE DATE: 11/19/2003
FILE TIME: 11:40

X CENTROID:	0.054
Y CENTROID:	-0.095
POA TO CENTROID:	0.109
HORZ SPREAD:	1.939
VERT SPREAD:	2.109
GROUP SPREAD:	2.163
MIN RADIUS:	0.271
MAX RADIUS:	1.264
MEAN RADIUS:	0.775
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.173	1.121
2:	0.170	0.670
3:	-0.212	0.226
4:	-0.869	-0.179
5:	-0.600	-0.250
6:	-0.623	-0.988
7:	1.070	-0.847
8:	0.505	-0.141
9:	0.648	-0.312
10:	0.278	-0.247

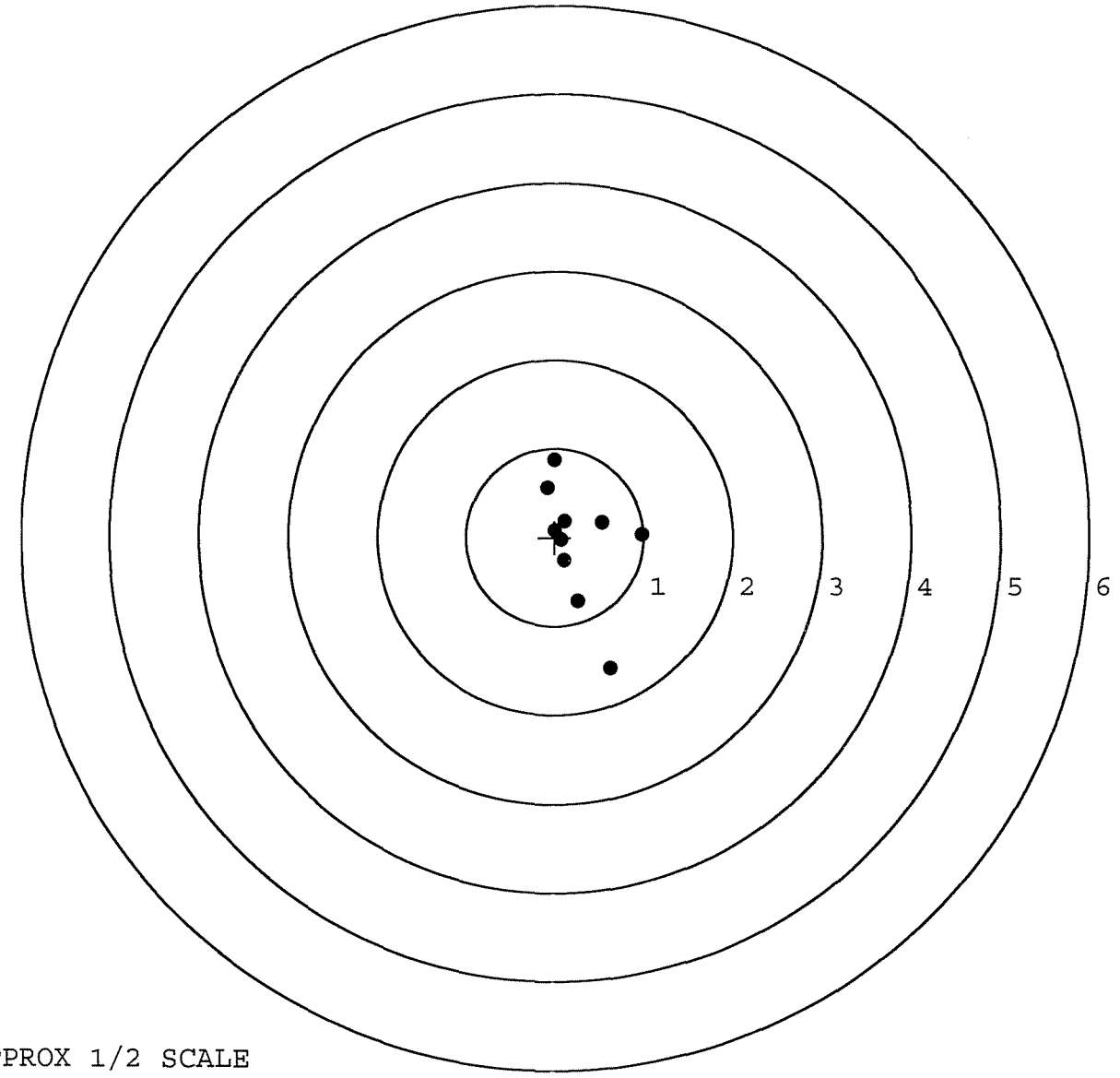


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225532.__0
TARGET NUMBER: 2
FILE DATE: 11/19/2003
FILE TIME: 11:40

X CENTROID:	0.261
Y CENTROID:	-0.060
POA TO CENTROID:	0.268
HORZ SPREAD:	1.068
VERT SPREAD:	2.347
GROUP SPREAD:	2.434
MIN RADIUS:	0.186
MAX RADIUS:	1.466
MEAN RADIUS:	0.591
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.634	-1.478
2:	0.267	-0.723
3:	0.981	0.038
4:	0.534	0.170
5:	-0.011	0.869
6:	0.111	-0.261
7:	0.114	0.184
8:	0.078	-0.031
9:	-0.087	0.558
10:	-0.006	0.077

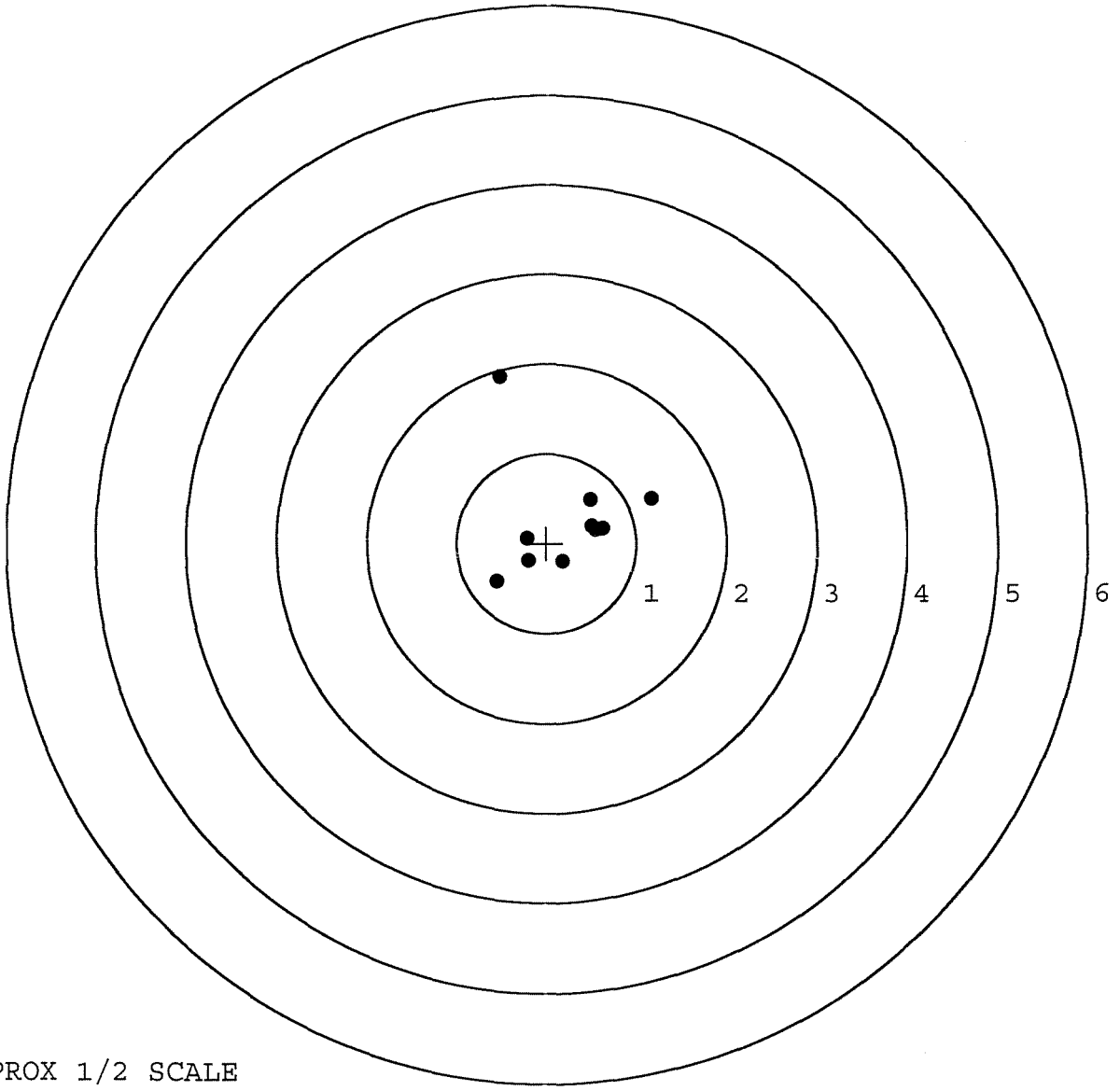


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225532.__0
TARGET NUMBER: 3
FILE DATE: 11/19/2003
FILE TIME: 11:40

X CENTROID:	0.202
Y CENTROID:	0.260
POA TO CENTROID:	0.330
HORZ SPREAD:	1.713
VERT SPREAD:	2.281
GROUP SPREAD:	2.281
MIN RADIUS:	0.315
MAX RADIUS:	1.756
MEAN RADIUS:	0.678
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.161	0.504
2:	0.491	0.490
3:	0.629	0.167
4:	0.511	0.197
5:	0.180	-0.205
6:	-0.552	-0.424
7:	-0.202	-0.196
8:	-0.216	0.060
9:	-0.528	1.857
10:	0.547	0.155

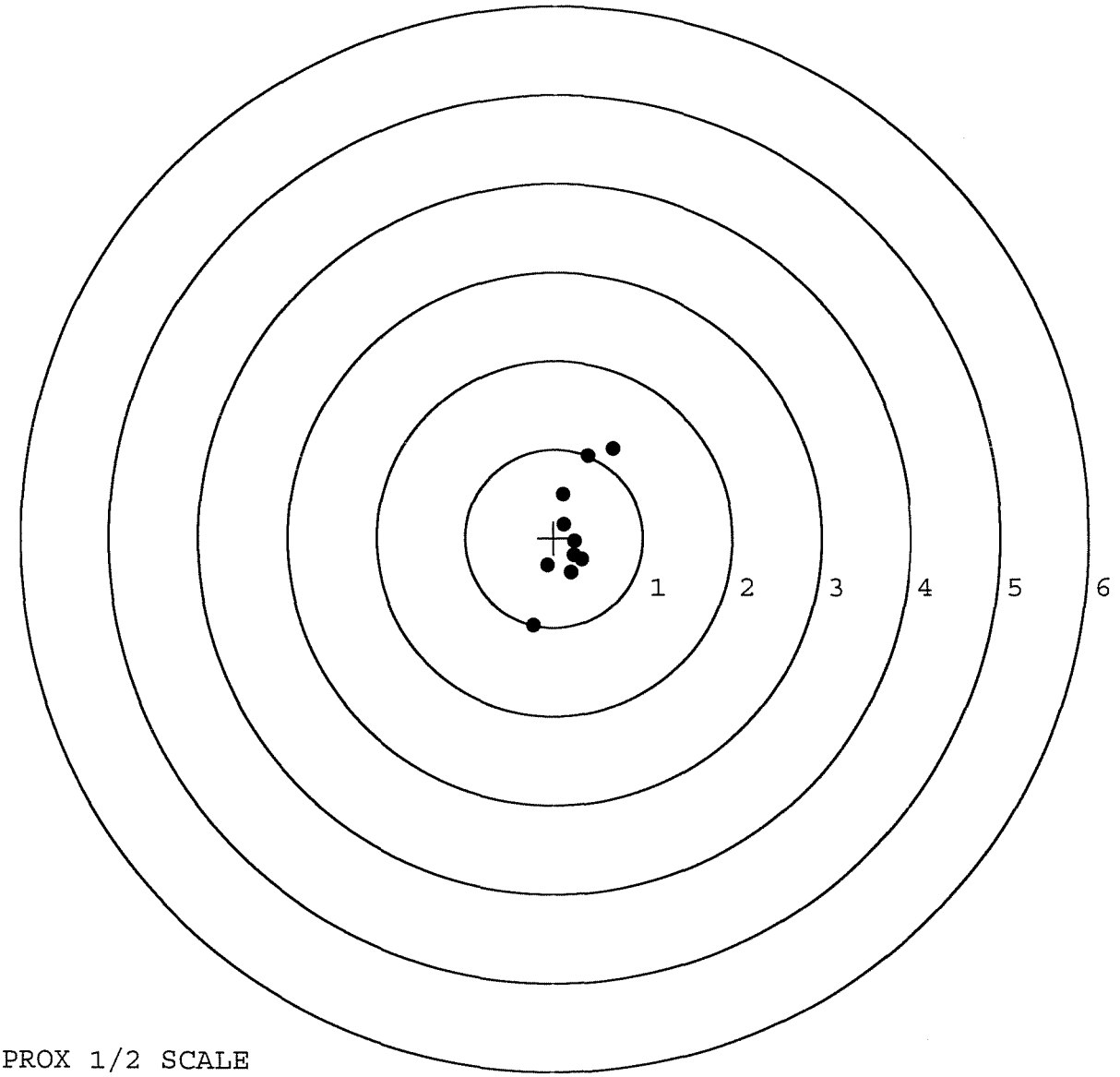


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225532.__0
TARGET NUMBER: 4
FILE DATE: 11/19/2003
FILE TIME: 11:40

X CENTROID:	0.194
Y CENTROID:	0.041
POA TO CENTROID:	0.198
HORZ SPREAD:	0.894
VERT SPREAD:	1.999
GROUP SPREAD:	2.190
MIN RADIUS:	0.094
MAX RADIUS:	1.112
MEAN RADIUS:	0.520
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.663	1.013
2:	0.386	0.927
3:	0.106	0.491
4:	0.115	0.148
5:	0.234	-0.043
6:	0.319	-0.246
7:	0.195	-0.387
8:	-0.080	-0.308
9:	-0.231	-0.986
10:	0.228	-0.194

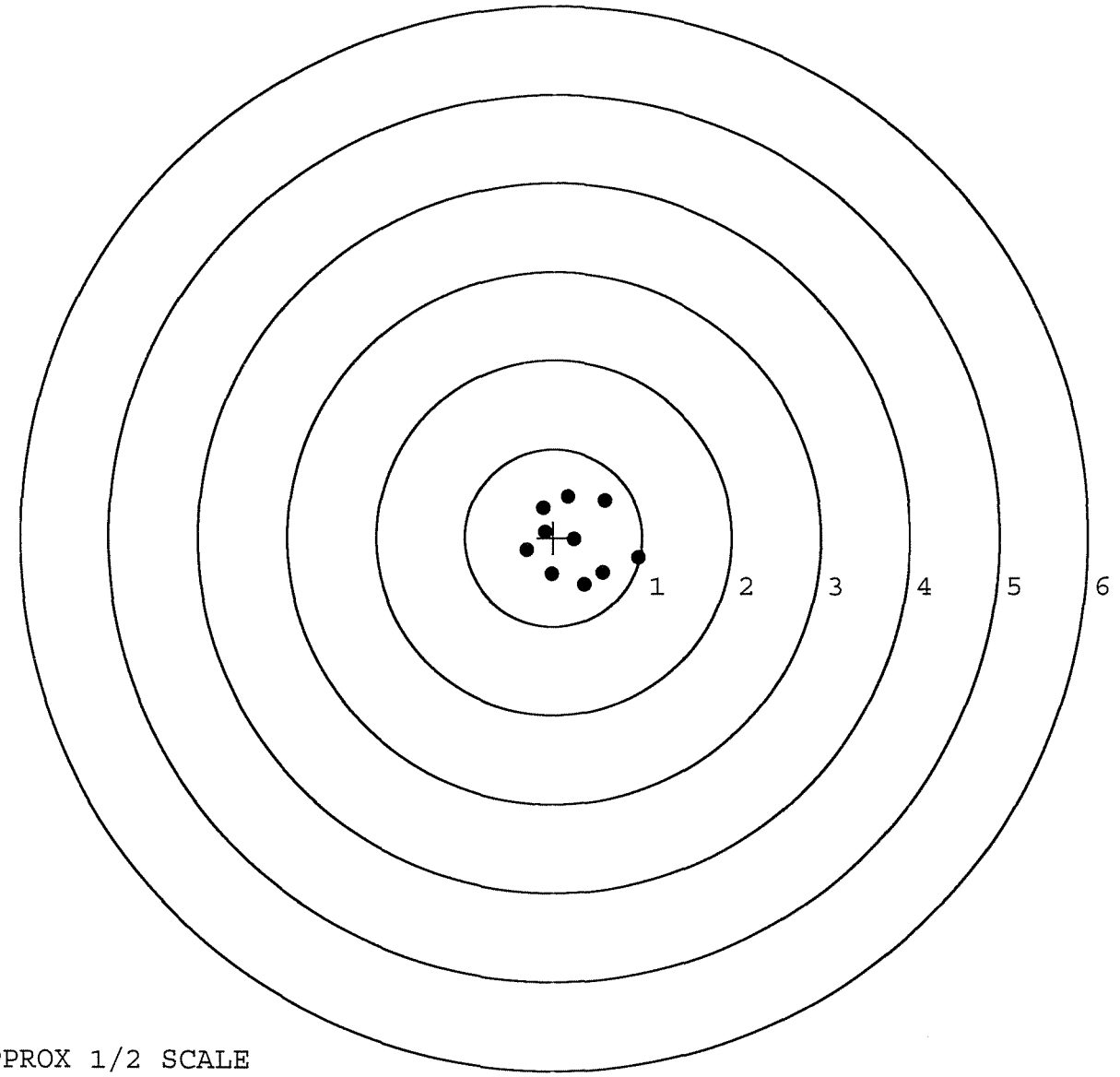


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225532.__0
TARGET NUMBER: 5
FILE DATE: 11/19/2003
FILE TIME: 11:40

X CENTROID:	0.229
Y CENTROID:	-0.045
POA TO CENTROID:	0.234
HORZ SPREAD:	1.260
VERT SPREAD:	0.997
GROUP SPREAD:	1.263
MIN RADIUS:	0.021
MAX RADIUS:	0.748
MEAN RADIUS:	0.470
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.954	-0.229
2:	0.577	0.425
3:	0.164	0.464
4:	-0.118	0.339
5:	-0.306	-0.141
6:	-0.022	-0.414
7:	0.349	-0.533
8:	0.557	-0.399
9:	0.235	-0.025
10:	-0.096	0.063



TARGET APPROX 1/2 SCALE

INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 11-3-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.71	2.31		2.41	
PULL #2	2.63	2.30		2.36	
PULL #3	2.69	2.27		2.41	
PULL #4	2.56	2.28		2.33	
PULL #5	2.58	2.28		2.32	
TOTAL	13.17	11.44		11.83	
AVERAGE	2.63	2.28		2.36	

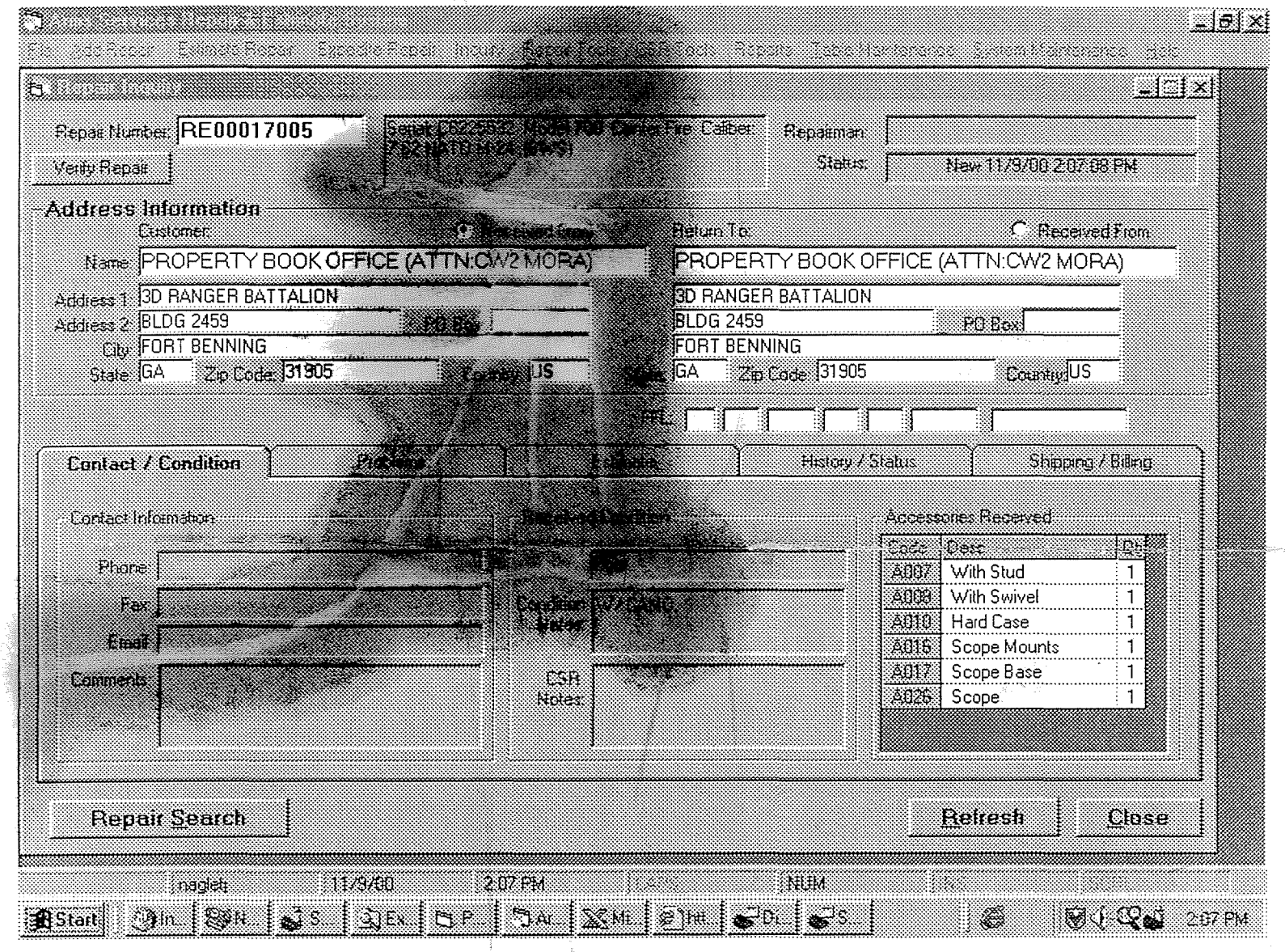
	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.31		
PULL #2	3.37	3.23		
PULL #3	3.47	3.29		
PULL #4	3.50	3.38		
PULL #5	3.35	3.31		
TOTAL	17.09	16.52		
AVERAGE	3.41	3.30		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.26	4.13		4.24
PULL #2	4.23	4.14		4.26
PULL #3	4.22	4.18		4.41
PULL #4	4.38	4.14		4.28
PULL #5	4.44	4.23		4.37
TOTAL	21.53	20.82		21.56
AVERAGE	4.30	4.16		4.31

R & E NUMBER	71842		
SERIAL NUMBER	C6225532		
LOG-IN DATE	10-22-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-4-03	RTL
560 A	RE-BARREL	11-5-03	RTL
B	DRILL AND TAP	11-6-03	TRW
575	ASSEMBLE	11-5-03	RTL
600	PROOF	11-5-03	AC
605	CHECK HEADSPACE	11-5-03	AC
610	DIS-ASSEMBLE GUN	11-6-03	RTL
612	MAGNAFLUX OPERATOR	[illegible]	
615	ROLLMARK CALIBER	11-7-03	JB
618	ROTO-BLAST	11/7/2003	[illegible]
620	APPLY COATINGS	11-11	TA
625 A	FINAL ASSEMBLY	11-14-03	[illegible]
B	TRIGGER PULL TEST	12-16-03	RTL
C	SAFETY "ON" FORCE	12-16-03	RTL
D	SAFETY "OFF" FORCE	12-16-03	RTL
E	FIRING PIN INDENT		
640	TARGET	11-15-03	AC
655	FINAL INSPECT	12-16-03	RTL
660	PACK	12/18/03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED NOV 0 8 2003

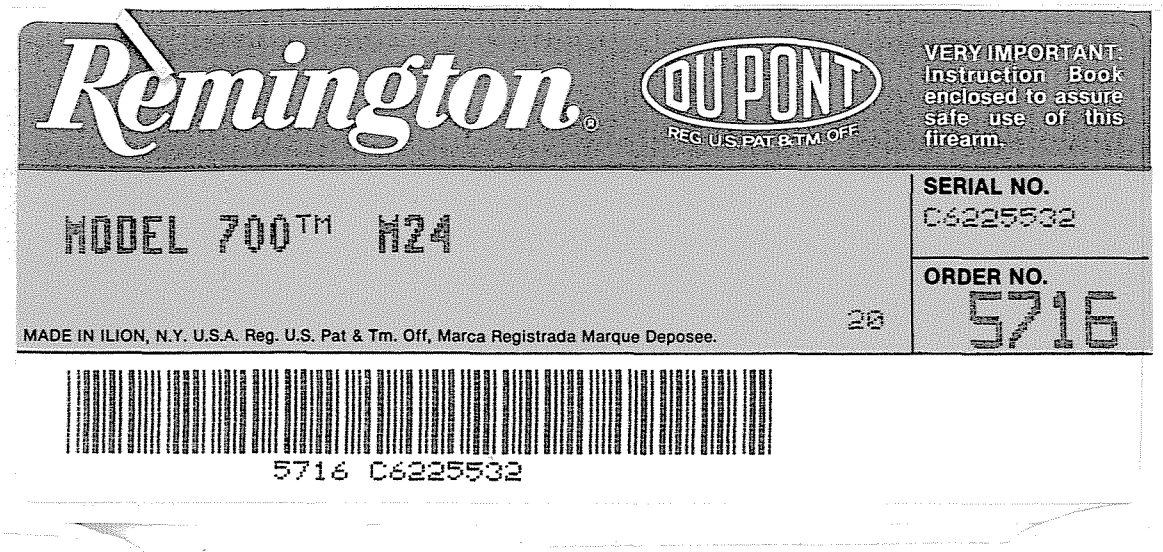
"Bbl is rubbing on Stock."



Serial Number: C6225532

Model: 700

RE00017005


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.
C6225532
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
20
5716 C6225532


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225532

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RW.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1/30	G.S.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/27/89	RW
	C) Inspect Ejector Hole for Chamfer		2/27/89	RW
	D) Oil Firing Pin Ass'y		2/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/29/89	WB

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	4 3/4	5			WB	3/1/89
	G) Safety Off Force	3	3	3 1/4			2/28/89	D.U.
	H) Trigger Pull Test & Retainability						WB	3/1/89
	I) Firing Pin Indent	.020	.020	.02025			WB	3/1/89
	J) Assemble Stock						3/2/89	RW
	K) Assemble Swivel Studs						7 Mar 89	PSS
	L) Attach Front and Rear Sight Assemblies						3/2/89	RW
	M) Iron Sight Alignment						3/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						3/2/89	RW
	O) Attach Scope to Rifle						3/2/89	WB
	P) Detach & Attach Scope 20 Times						3/2/89	WB
640	Gallery Target & Test	44R	109L				3-3-89	AC
	A) Time						"	AC
	B) Malfunctions	NONE					"	AC
	C) Pierced Primers	NONE					"	AC
	D) Optical Clearity of Scope	OK					"	AC
645	Inspect for Live Ammo	NONE					3-3-89	AC
655	Final Inspection A) Headspace						7 Mar 89	PSS
	B) Trigger Pull	2.18	2.32	2.29	2.30	2.29	7 Mar 89	PSS
	C) Function						7 Mar 89	PSS
660	Pack						7 Mar 89	PSS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225537

DATE 27 Feb 89

TESTER J.U.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.34	2.42	2.18	MIN. SETTING,
PULL #2	2.41	2.29	2.36	2.32	NO AVG. OF 5
PULL #3	2.36	2.16	2.38	2.29	READINGS ACCEPT-
PULL #4	2.33	2.20	2.23	2.30	ABLE LESS THAN 2#
PULL #5	2.37	2.26	2.30	2.29	
TOTAL	11.83	11.25	11.69	11.38	
AVG.	2.366	2.25	2.338	2.276	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.20		
PULL #2	3.21	3.26		
PULL #3	3.25	3.29		
PULL #4	3.32	3.19		
PULL #5	3.21	3.35		
TOTAL	16.30	16.29		
AVG.	3.260	3.258		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.29		4.21
PULL #2	4.19	4.27		4.28
PULL #3	4.21	4.27		4.27
PULL #4	4.22	4.29		4.27
PULL #5	4.22	4.29		4.27
TOTAL	20.96	21.41		21.30
AVG.	4.192	4.282		4.260

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225532
6 Mar 1989

CENTROIDAL DISTANCES

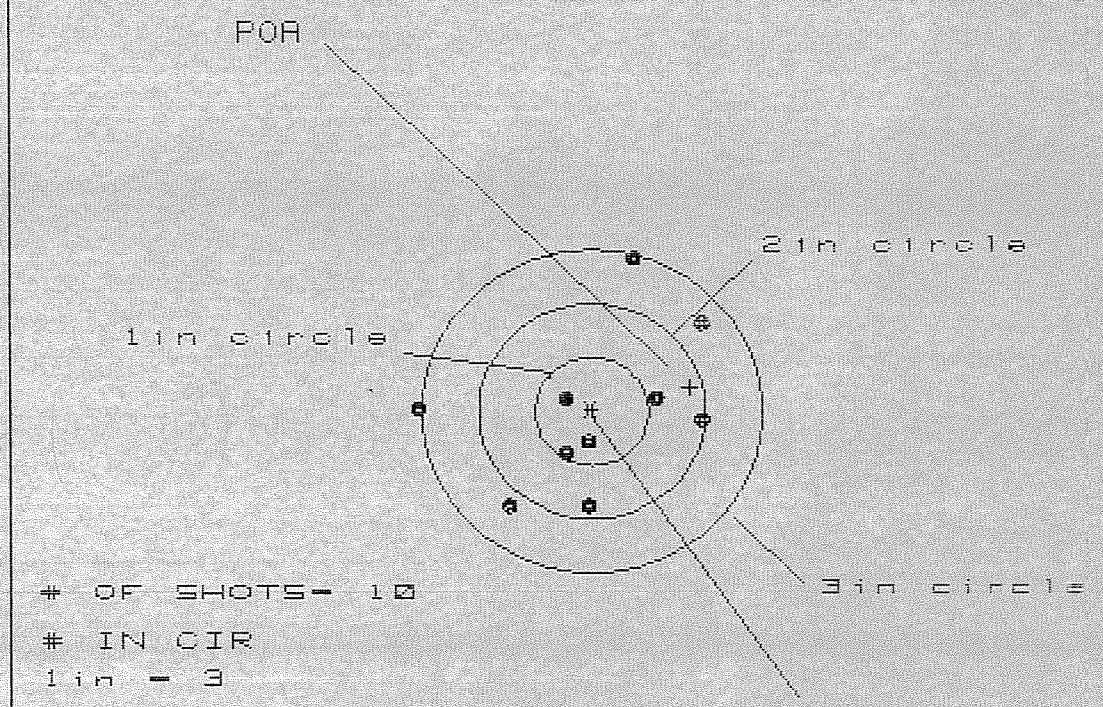
0	TO	1	.89594
1	TO	2	.757151
1	TO	3	.724294
1	TO	4	1.34036
1	TO	5	.973605

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1278
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2232
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .257199

THE AMR FOR THIS RIFLE IS: .8518

3 Mar 1989 FILE:/PATTERNING/CENTERFIRE_~~PATT-RUN~~ C6225537

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

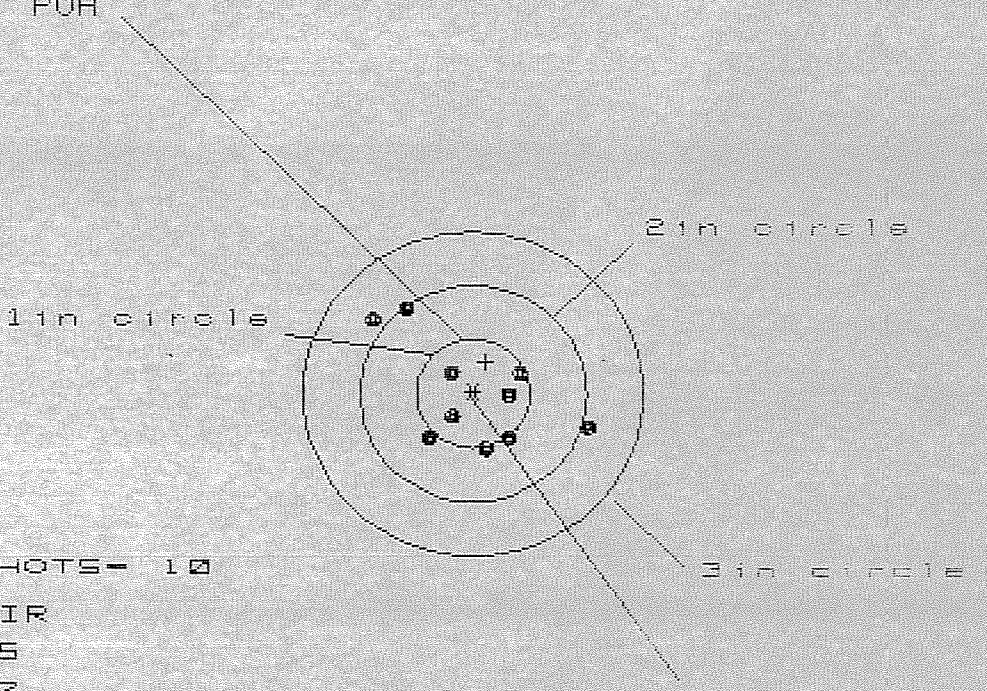
# IN CIR	
1in =	3
2in =	6
3in =	8

HS= 2.547
VS= 2.372
GS= 2.671

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.995	.822	.847
MINIMUM X	:	-1.552	-.919	-.894
MAXIMUM Y	:	1.454	1.456	1.006
MINIMUM Y	:	-.918	-.916	-.734
CENTROID X	:	-.868	-.695	-.720
CENTROID Y	:	-.222	-.224	-.406
POA TO CENTROID in.	:	.896	.731	.826
MIN RADIUS	:	.265	.350	.219
MEAN RADIUS	:	.890	.816	.705
MAX RADIUS	:	1.552	1.469	1.315
HORIZONTAL SPREAD	:	2.547	1.741	1.741
VERTICAL SPREAD	:	2.372	2.372	1.740
EXTREME SPREAD	:	2.671	2.621	2.461
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

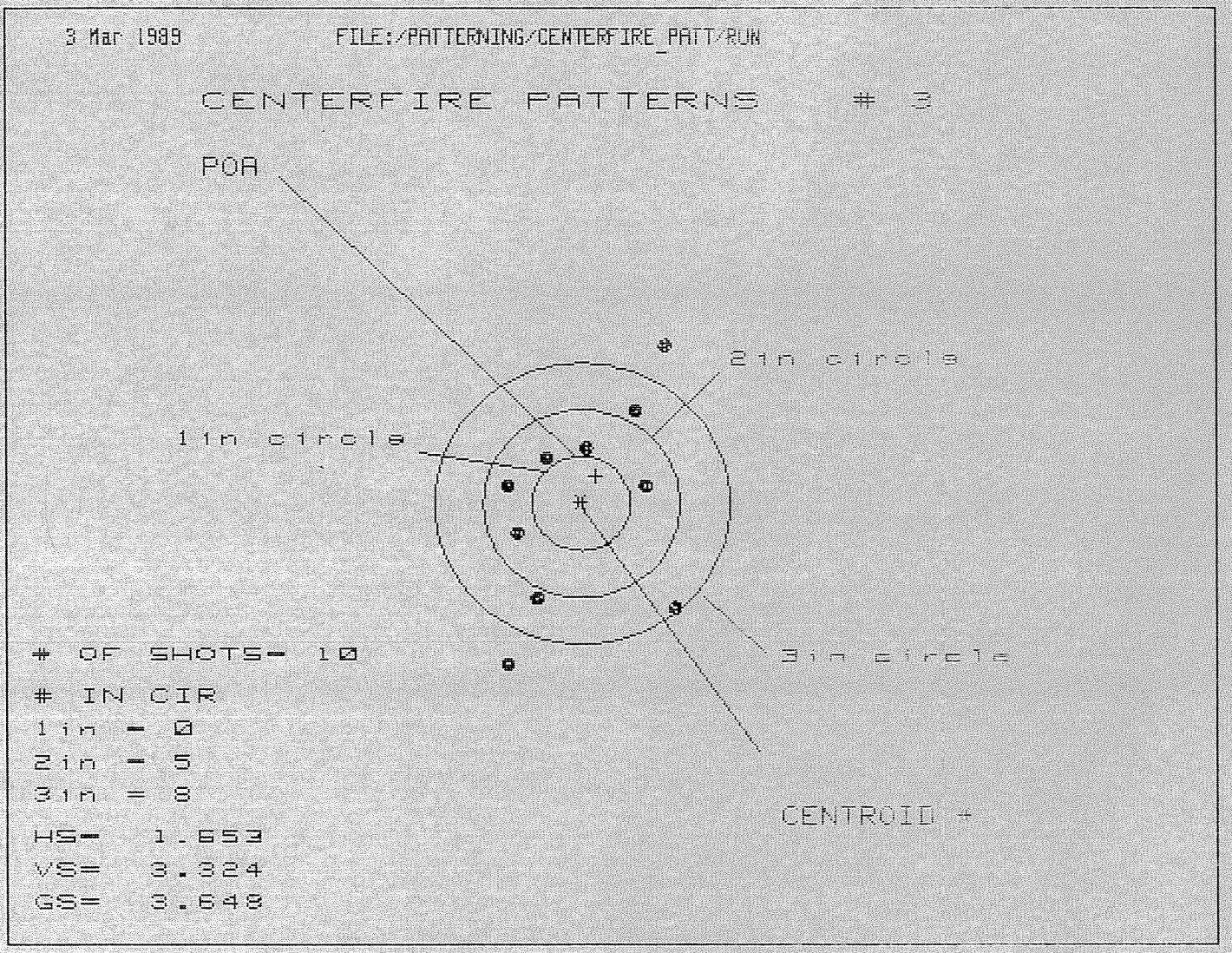
3 Mar 1989 FILE:/PATTERNING/CENTERFIRE_PATT/RUN

CENTERFIRE PATTERNS # 2

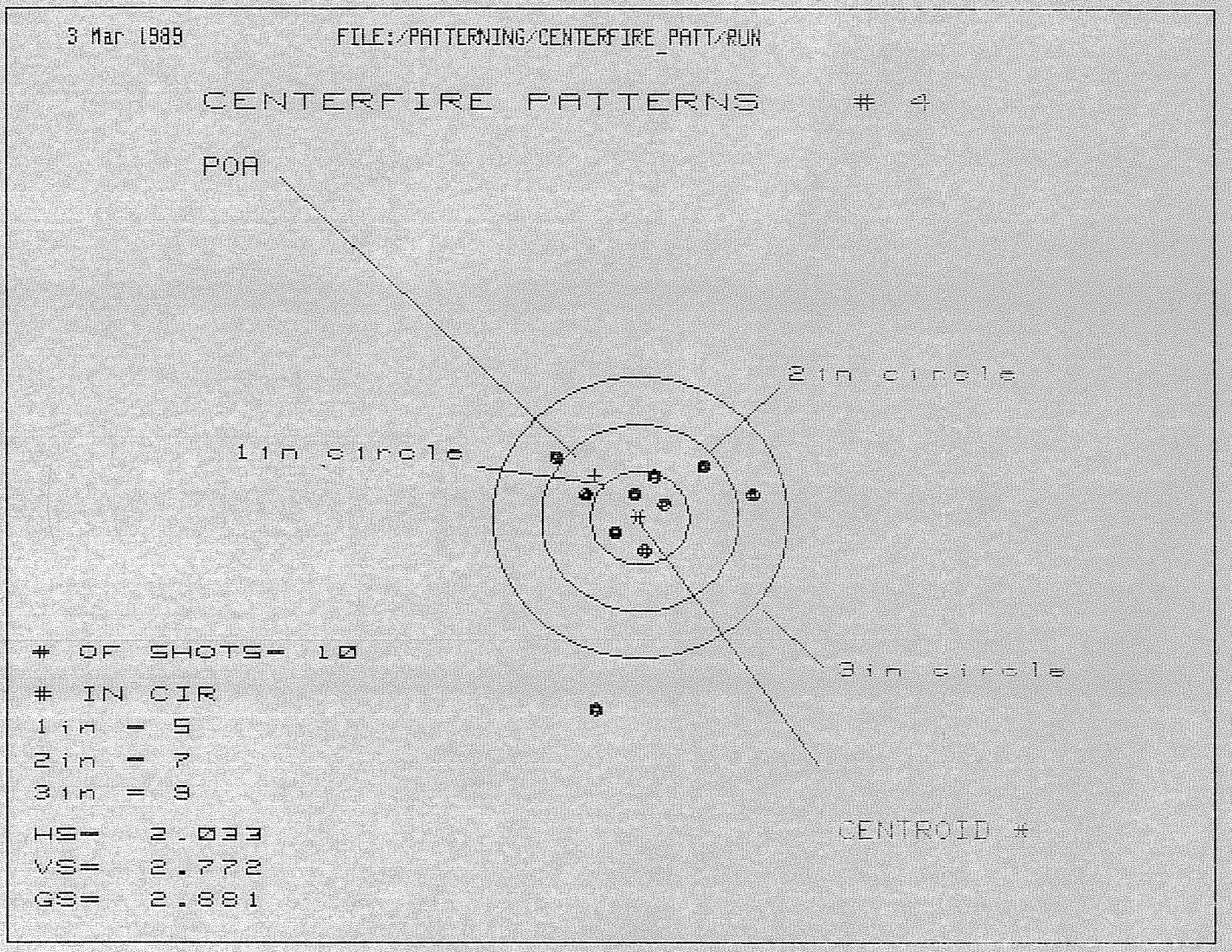


# OF SHOTS= 10
# IN CIR
1in = 5
2in = 7
3in = 10
HS= 1.823
VS= 1.314
GS= 2.069

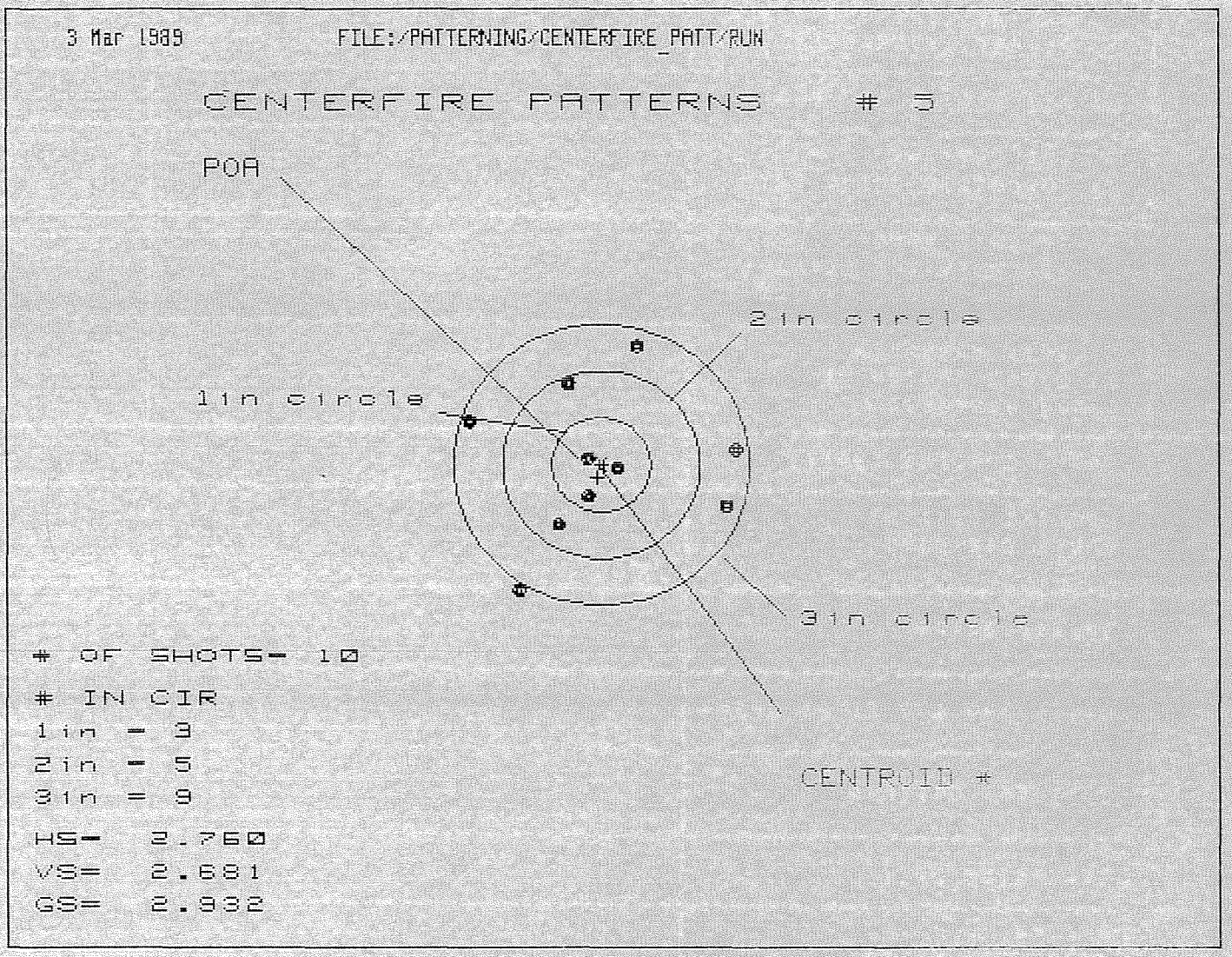
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.971	.876	.787
MINIMUM X	:	-.852	-.708	-.536
MAXIMUM Y	:	.829	.900	.377
MINIMUM Y	:	-.485	-.414	-.301
CENTROID X	:	-.114	-.019	.069
CENTROID Y	:	-.291	-.362	-.475
POA TO CENTROID in.	:	.312	.363	.480
MIN RADIUS	:	.243	.265	.259
MEAN RADIUS	:	.604	.537	.447
MAX RADIUS	:	1.070	1.145	.801
HORIZONTAL SPREAD	:	1.823	1.584	1.324
VERTICAL SPREAD	:	1.314	1.314	.678
EXTREME SPREAD	:	2.069	1.963	1.325
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.913	1.001	.924
MINIMUM X	:	-.740	-.652	-.729
MAXIMUM Y	:	1.664	1.189	1.004
MINIMUM Y	:	-1.660	-1.475	-1.149
CENTROID X	:	-.147	-.235	-.158
CENTROID Y	:	-.291	-.476	-.291
POA TO CENTROID in.	:	.326	.531	.332
MIN RADIUS	:	.553	.551	.555
MEAN RADIUS	:	1.061	.976	.868
MAX RADIUS	:	1.846	1.599	1.474
HORIZONTAL SPREAD	:	1.653	1.653	1.653
VERTICAL SPREAD	:	3.324	2.664	2.153
EXTREME SPREAD	:	3.648	2.930	2.206
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.154	1.101	.686
MINIMUM X	:	-.879	-.932	-.794
MAXIMUM Y	:	.679	.446	.451
MINIMUM Y	:	-2.093	-.576	-.571
CENTROID X	:	.453	.506	.368
CENTROID Y	:	-.449	-.216	-.221
POA TO CENTROID in.	:	.637	.550	.429
MIN RADIUS	:	.265	.141	.023
MEAN RADIUS	:	.761	.572	.493
MAX RADIUS	:	2.147	1.102	.913
HORIZONTAL SPREAD	:	2.033	2.033	1.480
VERTICAL SPREAD	:	2.772	1.022	1.022
EXTREME SPREAD	:	2.881	2.073	1.483
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.390	1.300	1.118
MINIMUM X	:	-1.370	-1.460	-.745
MAXIMUM Y	:	1.311	1.158	1.200
MINIMUM Y	:	-1.370	-.746	-.704
CENTROID X	:	.037	.127	.309
CENTROID Y	:	.137	.290	.248
POA TO CENTROID in.	:	.142	.316	.396
MIN RADIUS	:	.113	.223	.190
MEAN RADIUS	:	.943	.891	.823
MAX RADIUS	:	1.590	1.497	1.205
HORIZONTAL SPREAD	:	2.760	2.760	1.863
VERTICAL SPREAD	:	2.681	1.904	1.904
EXTREME SPREAD	:	2.932	2.790	2.087
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6275532

OP. #	OP. NAME	READINGS	DATE	INIT
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	4½	4½	4½			2/27/90	WB
	G) Safety Off Force	2	2	2			2/27/90	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.021	.021			2/27/90	WB
	J) Assemble Stock							
	K) Assemble Swivel Studs						2/27/90	WB
	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						2/26/90	DH
	A) Time						2/26/90	DH
	B) Malfunctions						2/26/90	DH
	C) Pierced Primers						2/26/90	DH
	D) Optical Clearity of Scope						2/26/90	DH
645	Inspect for Live Ammo						2/26/90	DH
655	Final Inspection A) Headspace						2/27/90	WB
	B) Trigger Pull	2.37	2.37	2.39	2.37	2.41	2/27/90	WB
	C) Function						2/27/90	WB
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225532
26 Feb 1990

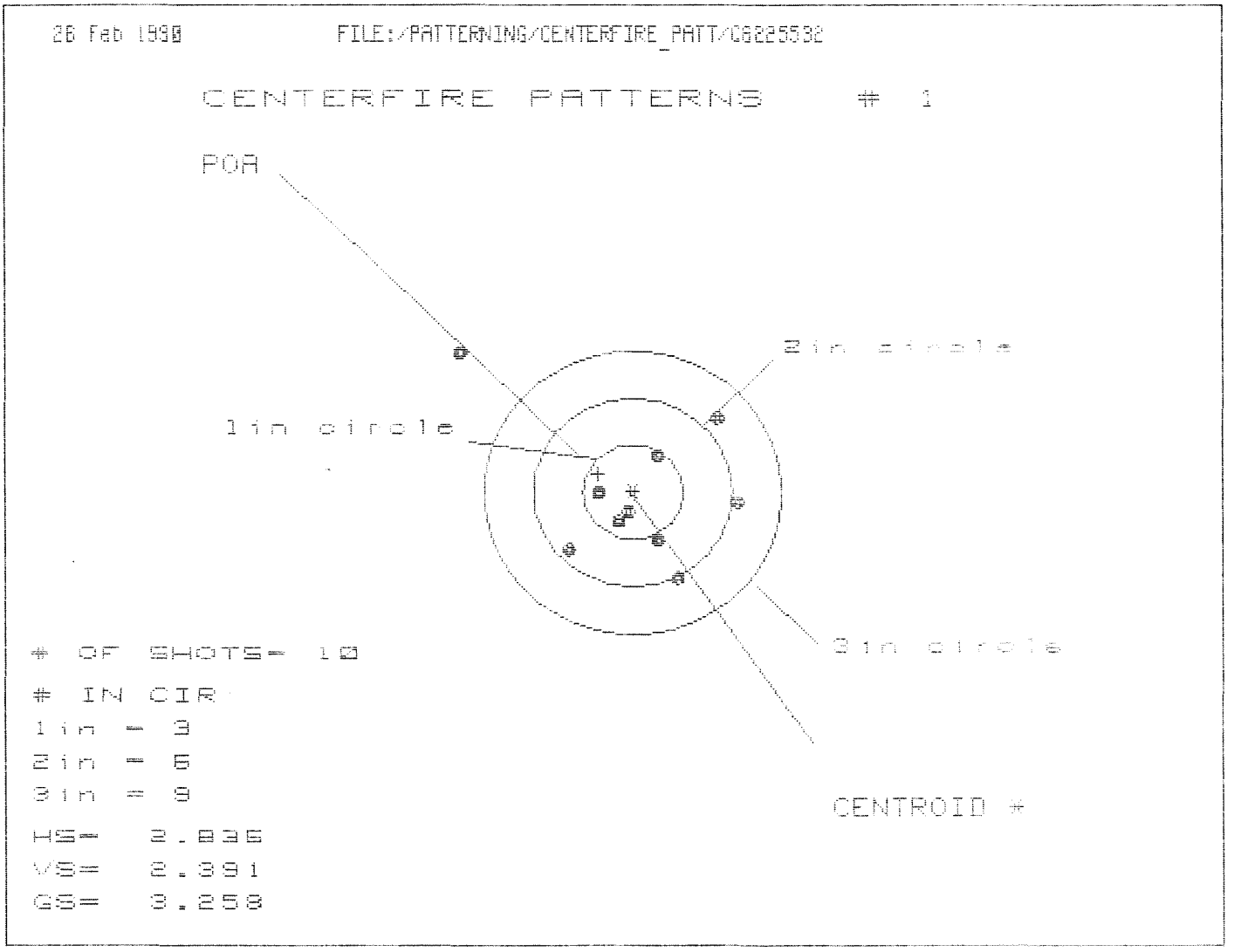
CENTROIDAL DISTANCES

0	TO	1	.397936
1	TO	2	.55609
1	TO	3	.316261
1	TO	4	.244499
1	TO	5	.124193

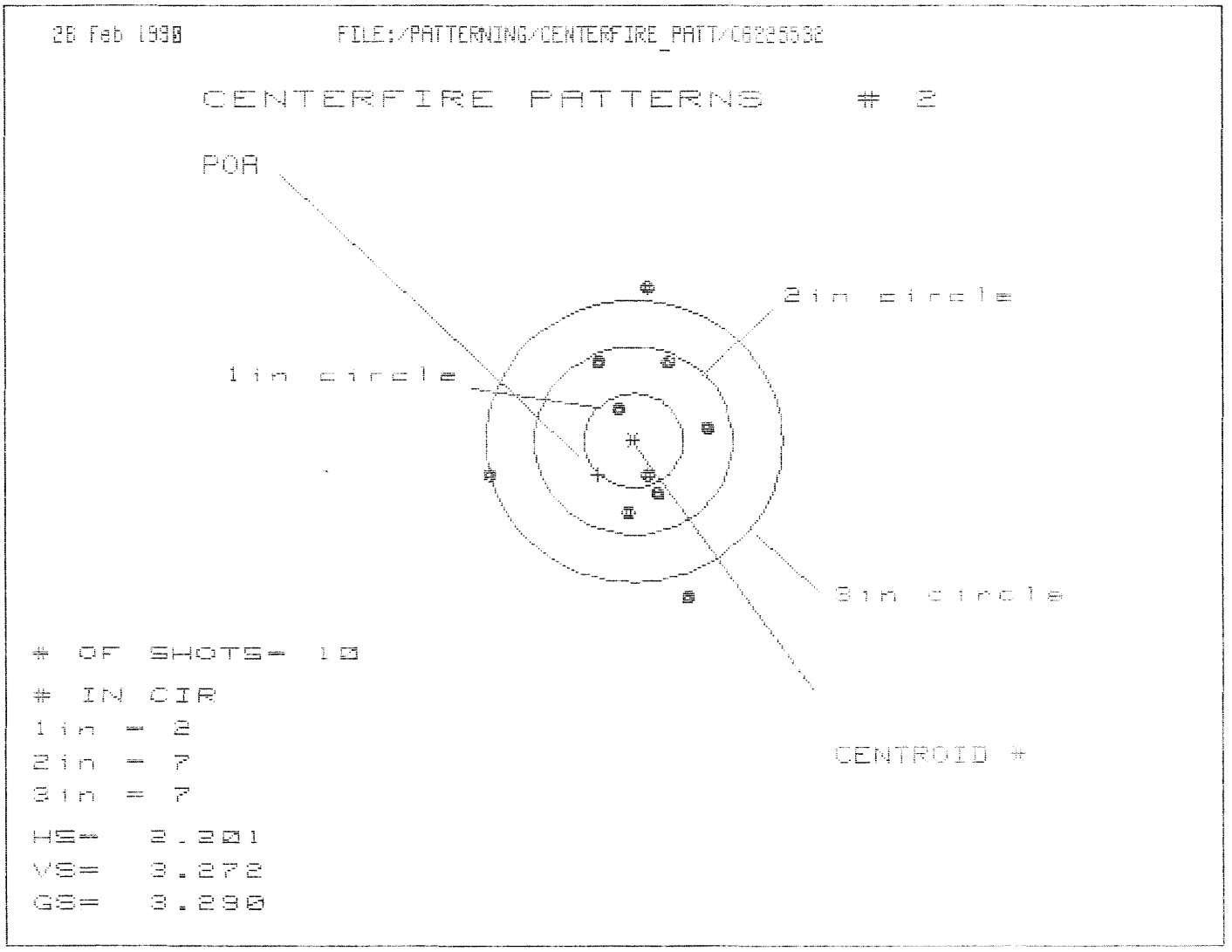
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .377
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .377185

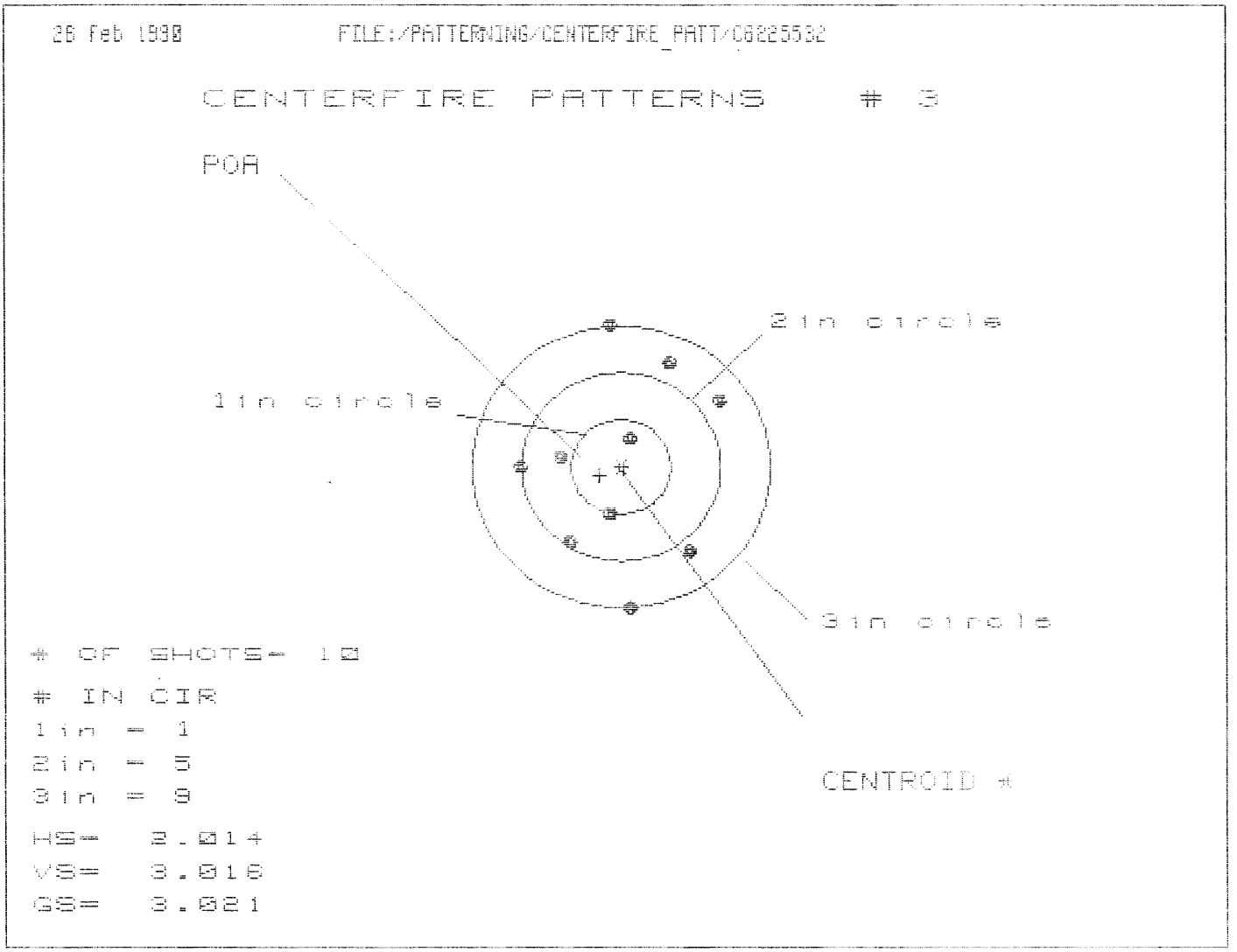
THE AMR FOR THIS RIFLE IS: .9364



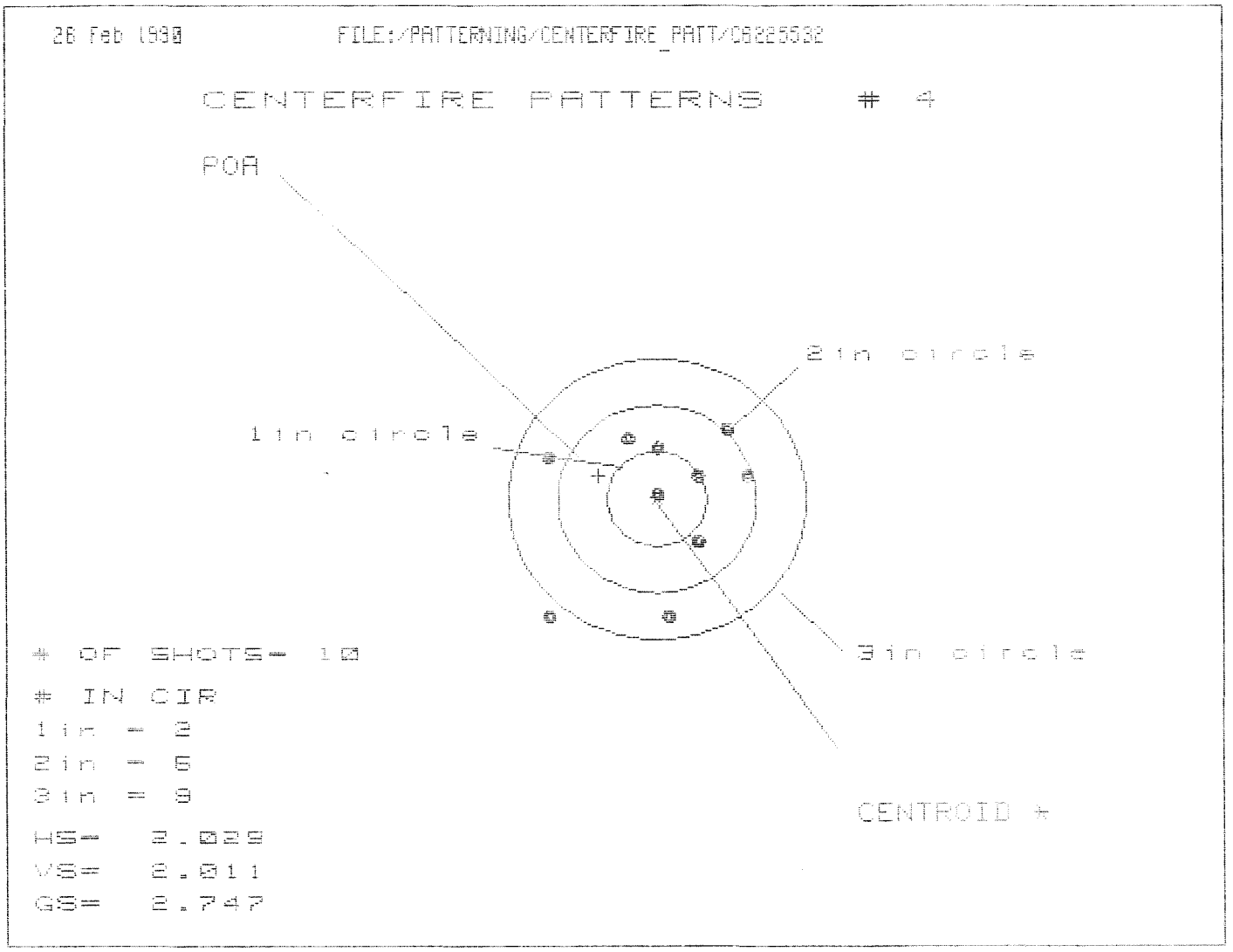
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.100	.907	.992
MINIMUM X	:	-1.736	-.842	-.757
MAXIMUM Y	:	1.461	.943	.719
MINIMUM Y	:	-.930	-.768	-.650
CENTROID X	:	.348	.541	.456
CENTROID Y	:	-.193	-.355	-.473
POA TO CENTROID in.	:	.398	.647	.657
MIN RADIUS	:	.257	.298	.207
MEAN RADIUS	:	.851	.673	.578
MAX RADIUS	:	2.269	1.159	1.016
HORIZONTAL SPREAD	:	2.836	1.749	1.749
VERTICAL SPREAD	:	2.391	1.711	1.369
EXTREME SPREAD	:	3.258	2.038	1.825
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



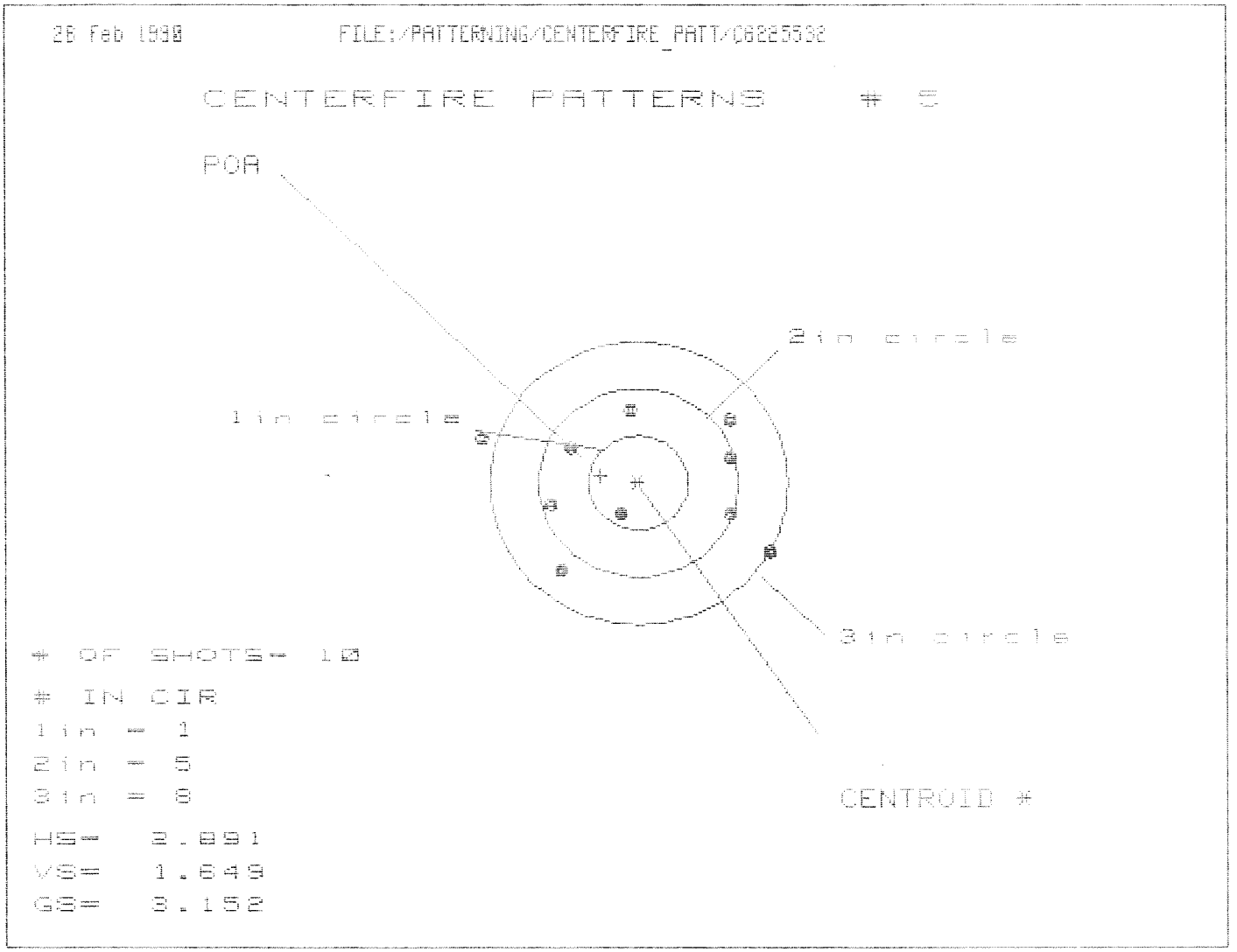
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.726	.781	.806
MINIMUM X	:	-1.475	-1.420	-1.395
MAXIMUM Y	:	1.605	1.420	.818
MINIMUM Y	:	-1.667	-.913	-.736
CENTROID X	:	.358	.303	.278
CENTROID Y	:	.363	.548	.371
POA TO CENTROID in.	:	.510	.626	.463
MIN RADIUS	:	.356	.188	.344
MEAN RADIUS	:	.944	.846	.767
MAX RADIUS	:	1.738	1.510	1.435
HORIZONTAL SPREAD	:	2.201	2.201	2.201
VERTICAL SPREAD	:	3.272	2.333	1.554
EXTREME SPREAD	:	3.290	2.523	2.241
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	7		



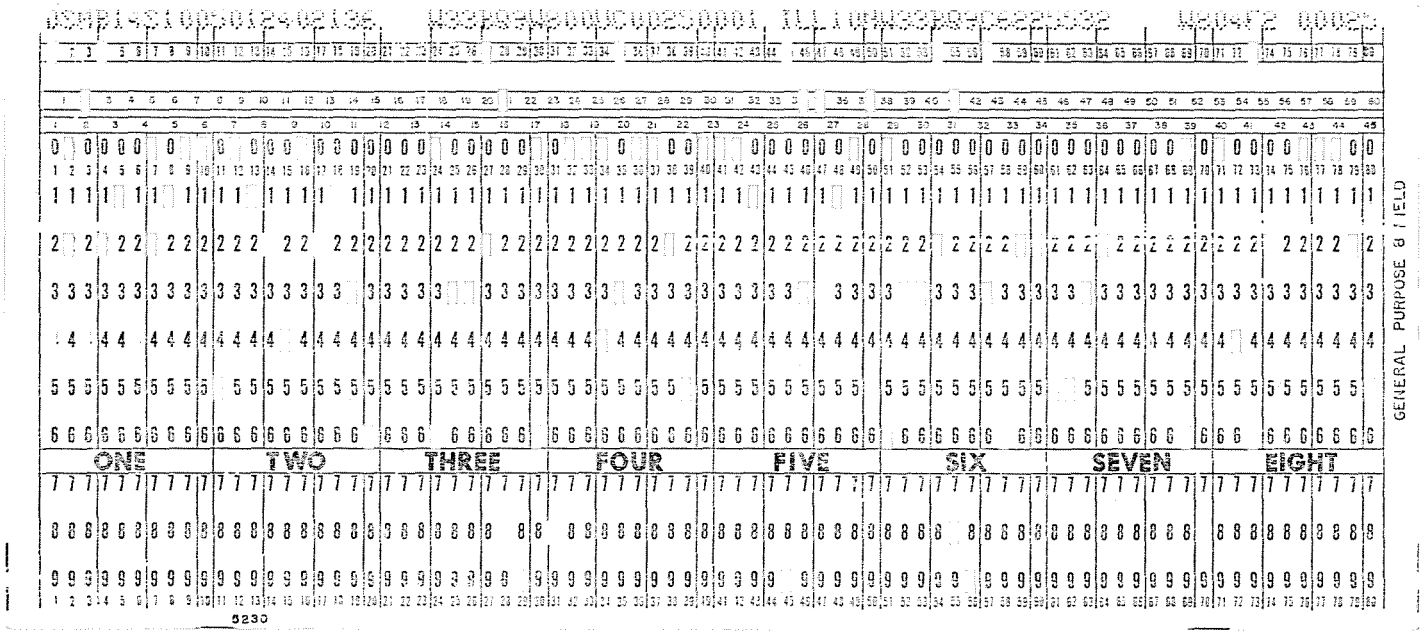
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.022	1.027	1.011
MINIMUM X	:	-.992	-.987	-1.003
MAXIMUM Y	:	1.479	1.308	1.137
MINIMUM Y	:	-1.537	-1.106	-.943
CENTROID X	:	.213	.208	.224
CENTROID Y	:	.093	.264	.101
POA TO CENTROID in.	:	.233	.336	.245
MIN RADIUS	:	.306	.164	.295
MEAN RADIUS	:	1.003	.932	.877
MAX RADIUS	:	1.538	1.314	1.244
HORIZONTAL SPREAD	:	2.014	2.014	2.014
VERTICAL SPREAD	:	3.016	2.414	2.080
EXTREME SPREAD	:	3.021	2.540	2.190
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.903	.778	.774
MINIMUM X	:	-1.126	-1.229	-1.233
MAXIMUM Y	:	.763	.626	.453
MINIMUM Y	:	-1.248	-1.385	-.800
CENTROID X	:	.586	.711	.715
CENTROID Y	:	-.249	-.112	.061
POA TO CENTROID in.	:	.637	.720	.718
MIN RADIUS	:	.049	.146	.242
MEAN RADIUS	:	.853	.728	.628
MAX RADIUS	:	1.670	1.385	1.246
HORIZONTAL SPREAD	:	2.029	2.007	2.007
VERTICAL SPREAD	:	2.011	2.011	1.253
EXTREME SPREAD	:	2.747	2.119	2.022
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	1.137	.920
MINIMUM X	:	-1.579	-1.037	-.895
MAXIMUM Y	:	.756	.812	.725
MINIMUM Y	:	-.893	-.837	-.924
CENTROID X	:	.380	.555	.413
CENTROID Y	:	-.073	-.129	-.042
POA TO CENTROID in.	:	.387	.570	.415
MIN RADIUS	:	.421	.488	.465
MEAN RADIUS	:	1.031	.958	.894
MAX RADIUS	:	1.656	1.334	1.231
HORIZONTAL SPREAD	:	2.891	2.174	1.815
VERTICAL SPREAD	:	1.649	1.649	1.649
EXTREME SPREAD	:	3.152	2.337	2.337
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	


ONE
TWO
THREE
FOUR
FIVE
SIX
SEVEN
EIGHT
GENERAL PURPOSE 6 FIELD
5230

SUBJECT: WARRANTY REPAIR DATE: 30 Jan 90

TYPE EQUIPMENT Rifle

MAKE: Remington

MODEL: M-24

SERIAL NUMBER: C 6225532

DATE OF PURCHASE:

PERSON CONTACTED OR RA NUMBER:

EQUIPMENT PROBLEMS: Re Ferbish BarREL

POINT OF CONTACT (FORT BENNING, GEORGIA) AND PHONE NUMBER:

or George Richards (404) 545-2865/3201
Mr. COKER

NOTE: ANY WORK NOT COVERED BY THE WARRANTY WILL NOT BE REIMBURSED WITHOUT PRIOR AUTHORIZATION FROM THE PROCUREMENT DIVISION AT FORT BENNING, GEORGIA

WHEN REPAIR IS COMPLETED, PLEASE RETURN TO:

MAINTENANCE DIVISION, USAIC
ATTN: ATZB-L-OM-Q
BUILDING 228
FORT BENNING, GEORGIA 31905-5174

3-89
LJ

MAINTENANCE REQUEST

For use of this form, see DA PAM 738 750; the proponent agency is DCSLOG.

PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL
1		CSGLD-1047(R1)

SECTION I – EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NUMBER	WESDC	ORG PD	PD AUTHENTICATION
				W.R. SANDERS

☐ WORK REQUEST
☐ MWO
☒ WARRANTY CLAIM

1a. ORGANIZATION	b. LOCATION	c. UNIT IDENT CODE
QA INSPECTION SECTION (1)	FORT BENNING, GA 31905-5174	W90218

SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
				1005-01-[illegible]

MAINTENANCE ACTIVITY	a. LEVEL	8. UTILIZATION CODE	9. MCSR ITEM	a. ERC	b. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

☐ A Scheduled Maintenance ☐ C Test ☐ E Storage ☐ G Flight
☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment
☐ 008 Noisy ☐ 387 Low Performance ☐ Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not describe repairs)*

REQUEST WARRANTY ACTION

16a. REMARKS

QA INSPECTION SECTION (1)
DOL, PAINT DIVISION
(404) 545-2865/3201
AV 835-2865/3201

SECTION II – WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY	c. UNIT IDENT CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK *(Select one - use ✓ or X)*	19. AMS ACCOUNT CODE
LOCATION		☐ 1 TOE ☐ 2 TD ☐ 3 CONTRACTOR	

17a. ACT CODE	FAILURE CODE b	c. COMPONENT/PART NOUN, SVC, OR MWO NO. d. CB CODE	e. REF DESIGNATOR	f. MFR CODE	MANHOURS (Hrs & tenths) g	NATIONAL STOCK NUMBER h	PART SOURCE CODE i	QTY j	PARTS COST k
				i. TOTAL MANHOURS		m. TOTAL MANHOURS COST $		n. TOTAL PARTS COST $	

21. DELAY *(Select one)* ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools

22. ☐ DATA TRANSCRIBED

SECTION I – EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NUMBER	WESDC	ORG PD	PD AUTHENTICATION
	WS 21	15	04	W.R. SANDERS

☐ WORK REQUEST ☐ MWO ☒ WARRANTY CLAIM	1a. ORGANIZATION	b. LOCATION	c. UNIT IDENT CODE
	QA INSPECTION SECTION (1)	FORT BENNING, GA 31905-5174	W0U218

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
	RIFLE 1.6		204	1005-01-240-2136

7. MAINTENANCE ACTIVITY	a. LEVEL	8. UTILIZATION CODE	9. MCSR ITEM	a. ERC	b. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
[illegible]									

14. FAILURE DETECTED DURING *(Select one - use √ or X)*

☐ A Scheduled Maintenance ☐ C Test ☐ E Storage ☐ G Flight
☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other

15. FIRST INDICATION OF TROUBLE *(Select one - use √ or X)*

☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment
☐ 008 Noisy ☐ 387 Low Performance ☐ Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not prescribe repairs)*

REQUEST WARRANTY ACTION Kef [illegible] Check Trigger mech

Smith

(1) C62355 C62556

16a. REMARKS (2) [illegible] C6225 [illegible]

(3) C62 [illegible]

QA INSPECTION SECTION (1)
~~DOL, MAINT DIVISION~~
(404) 545-2865/3201
AV 835-2865/3201

SECTION II – WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY	c. UNIT IDENT CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK *(Select one - use √ or X)*	19. AMS ACCOUNT CODE
b. LOCATION		☐ 1 TOE ☐ 2 TD ☐ 3 CONTRACTOR	

20a. ACT CODE	FAILURE CODE b	c. COMPONENT/PART NOUN, SVC, OR MWO NO. d. CB CODE	e. REF DESIGNATOR	f. MFR CODE	MANHOURS (Hrs & tenths) g	NATIONAL STOCK NUMBER h	PART SOURCE CODE i	QTY j	PARTS COST k
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					.				
					.				

	l. TOTAL MANHOURS	m. TOTAL MANHOURS COST	n. TOTAL PARTS COST
		$	$

21. DELAY *(Select one)* ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools

22. ☐ DATA TRANSCRIBED

23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION *(Select one)*
G. RICHARDS	G. RICHARDS				☐ A To User ☐ C Salvaged
JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	☐ B To Stock ☐ D Evacuated
6030	90				☐ E Cannibalization

BARBER - M24 0050843 - CLEANING AND ESTIMATING REPORT

COMMENTS: W/10X LEUPOLD SCOPE

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE	ORDER
01/29/90	02/05/90	LJ 3/89	C6225532	9999 7.62 NATO	R 90-04531

ACCESSORIES: ~~SLING STRAP~~ W/STUDS W/SWIVELS HARD CASE
WB

FROM:
MAINTENANCE DIVISION, USAIC
ATTN ATZB-LOM-Q
BLDG 228
FORT BENNING GA 31905-5174

SHIP TO:
MAINTENANCE DIVISION, USAIC
ATTN ATZB-LOM-Q
BLDG 228
FORT BENNING GA
31905-5174

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

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL

GUN CONDITION: ☐ NEW ☒ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

1. REPOWDER COAT BARREL ACTION
2. CLEAN & RELUBE TRIGGER ASSY
3. TEST TRIGGER PULL
4. FUNCTION & BORE TEST

PARTS

NO DEPLOYMENT KIT
NO STRAP SLING
NO SCOPE CASE
NO IRON SIGHTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW		✓	✓		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**

RD6925 REV. 6/88

OFFICE COPY

#5.

E6225532 ASSEM. #

TEST	INIT.	ACTION TO CORRECT
PROOF		Close hand on live Round
TEST		
TGT		
PROOF		New EXTractor
TEST	P-30-97 JW	OK
TGT		
PROOF		ENGINEER
TEST		
TGT		
PROOF		ENGINEER
TEST		
TGT		

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

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
	2nd		
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

BARBER - M24 U050818

RECEIVING AND ESTIMATING REPORT

ORDER R 97-11807

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/24/97	06/24/97		C6225532		700 7.62 NATO

ACCESSORIES

FROM:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

SHIP TO:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA
31905

CUST NO: 161641 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	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

Barrel 96003
Stock 96018
Bolt - 96006

COMMENTS

Repowder Coat Trigger Guard Assy, Front & Rear Sight Bases
Rezinc Scope Base & Swivel St

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
KT	~~8-28-97~~ AR	8-13-97	8-19-97	8-19-97	

OFFICE COPY

RD6925 REV. 6/96

21 DAY TURN - AROUND

M-24 Barrel, Stock & Bolt

M-24
CONTRACT # DAAA09-92-C-0834

Customer Returned Wrong Bolt

R&E NO. SERIAL NO. C6225532

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6-27-97	[illegible]
605	CHECK HEADSPACE	6-27-97	[illegible]
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	8-15-97	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT .021	.021	.020
640	TARGET	8-19-97	KT
655	FINAL INSPECT	8-21-97	RW
660	PACK		

QAR INSPECTION SHIP DATE

Final Inspection

S/N: C622553	DATE REC'D: 6-24-97	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
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

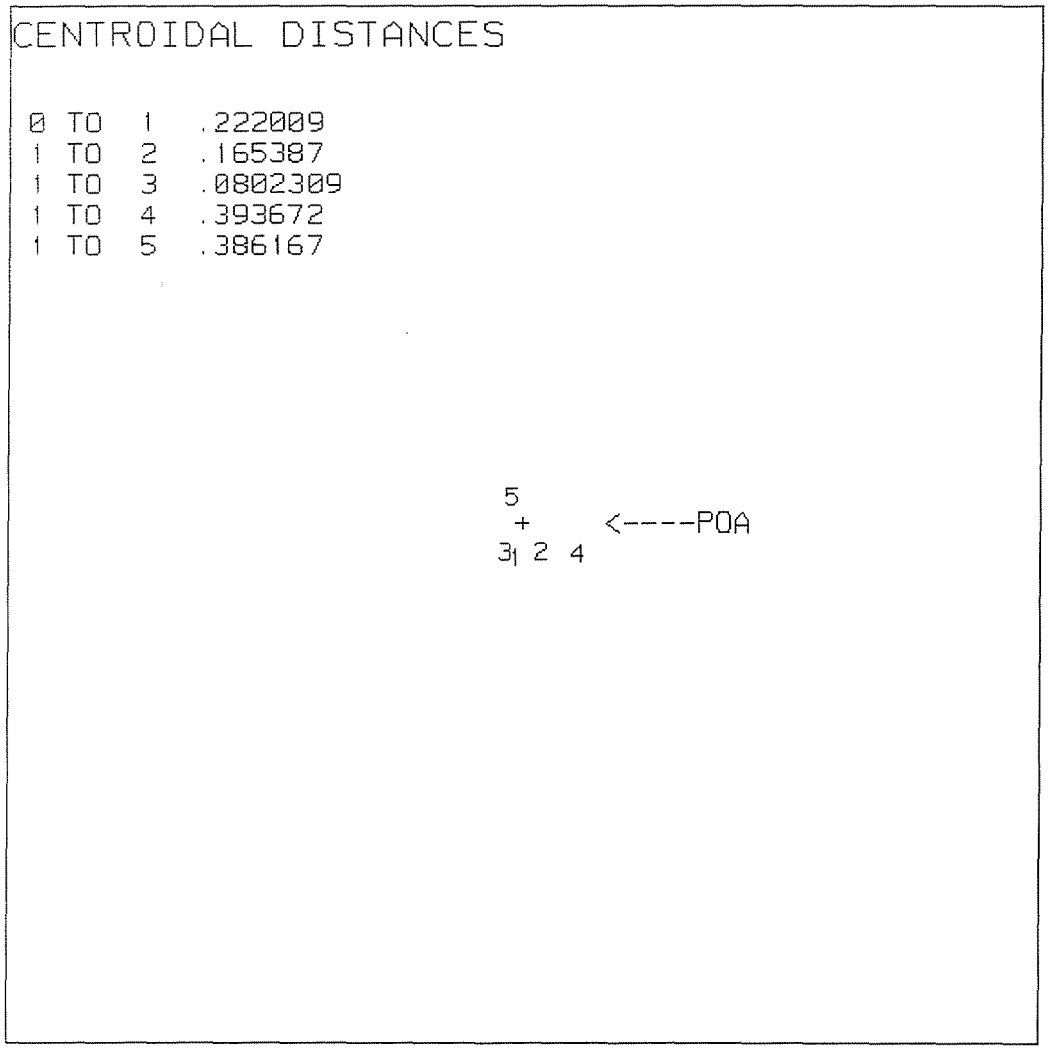
Comments: _____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225532
19 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0484
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1246
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13367

THE AMR FOR THIS RIFLE IS: .9228



REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		1
POA TO CENTROID:		.221
MIN RADIUS	:	.109
MEAN RADIUS	:	.683
MAX RADIUS	:	1.376
CENTROID X	:	-.042
CENTROID Y	:	-.218

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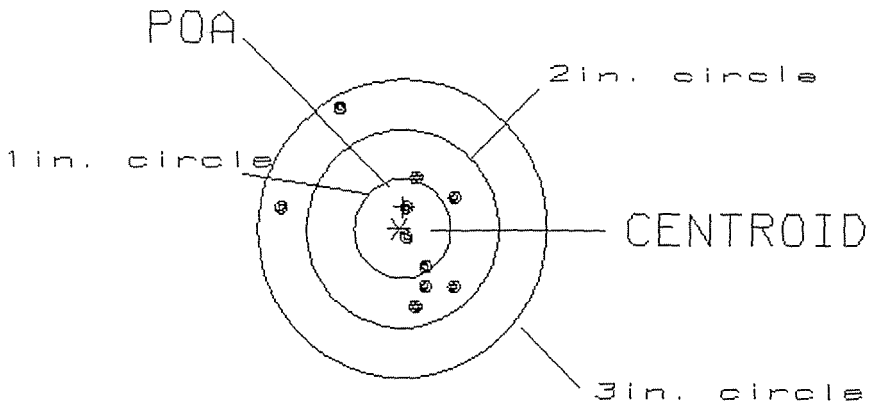
CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 1.74	3
VS= 2.02	8
GS= 2.16	10

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	2
POA TO CENTROID:	.225
MIN RADIUS :	.271
MEAN RADIUS :	.819
MAX RADIUS :	1.421
CENTROID X :	.121
CENTROID Y :	-.190

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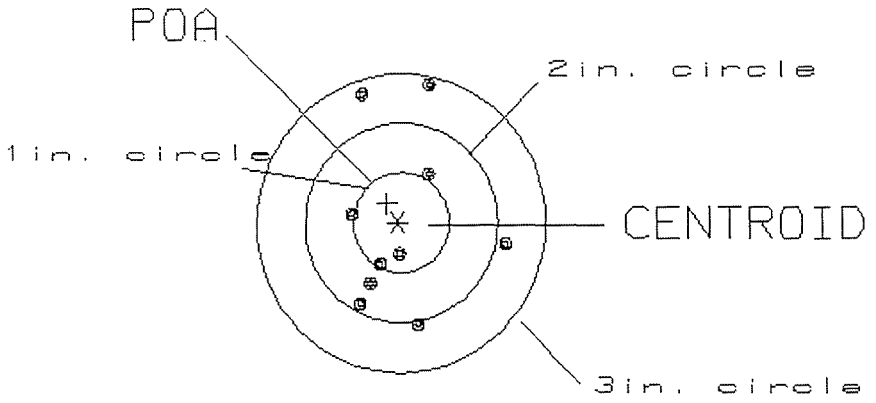
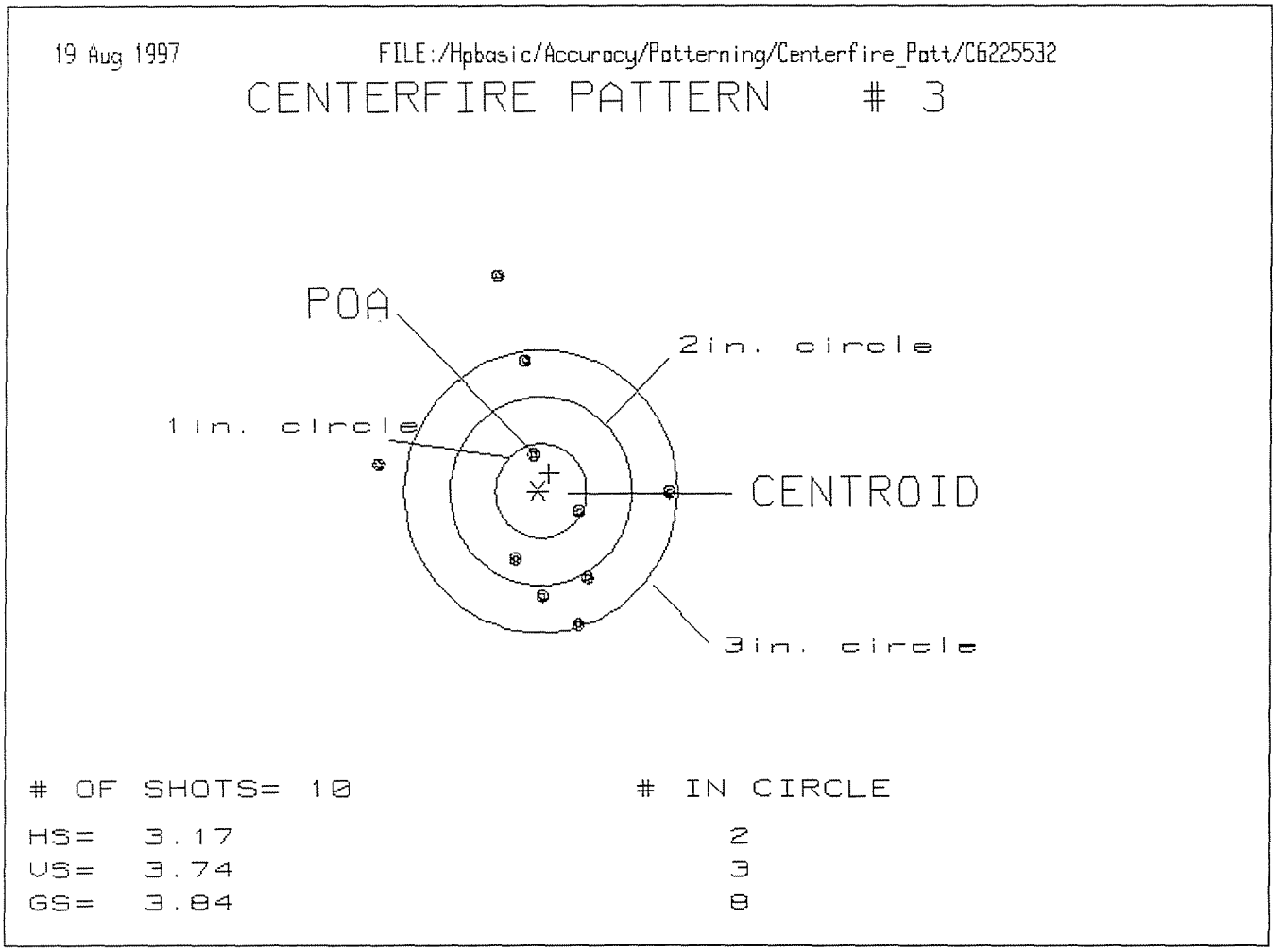
CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 1.55	2
VS= 2.35	7
GS= 2.35	10

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	3
POA TO CENTROID:	.220
MIN RADIUS :	.434
MEAN RADIUS :	1.226
MAX RADIUS :	2.379
CENTROID X :	-.116
CENTROID Y :	-.187



REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	4
POA TO CENTROID:	.402
MIN RADIUS :	.265
MEAN RADIUS :	1.144
MAX RADIUS :	2.173
CENTROID X :	.351
CENTROID Y :	-.195

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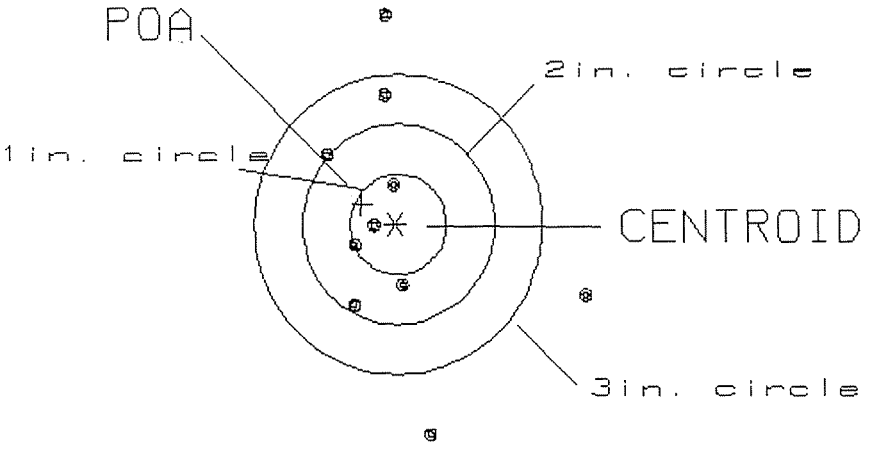
CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 2.78	2
VS= 4.22	5
GS= 4.25	7

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:		5
POA TO CENTROID:		.182
MIN RADIUS	:	.098
MEAN RADIUS	:	.742
MAX RADIUS	:	1.835
CENTROID X	:	-.072
CENTROID Y	:	.167

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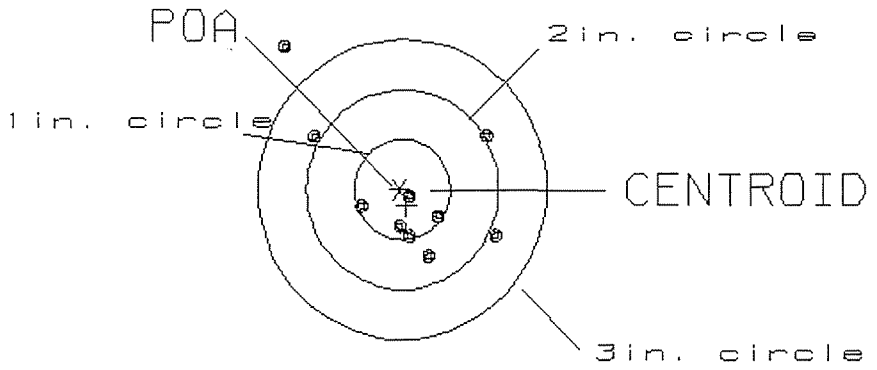
CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.18	5
VS= 2.04	7
GS= 2.03	9