C649875

MODEL 700™ M24

Model SPS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Steel®

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: RE00115156
Verify Repair

Serial: C6498754 Model M24 SWS Center Fire
Caliber: 308 Produced: 06/19/1990

Repairman:
Status: Closed 7/31/2006 1:35:33 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	USPFO FOR COLORADO		USPFO FOR COLORADO
Address 1:	1181 KILMER STREET		1181 KILMER STREET
Address 2:	PO Box:		PO Box:
City:	GOLDEN		GOLDEN
State:	CO Zip Code: 80401 Country: US		CO Zip Code: 80401 Country: US

FFL:

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

Contact Information

Phone: NA
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
B000	FRONT AND REAR E	1

Repair Search | Refresh | Close

nagletj | 8/1/2006 | 7:31 AM | CAPS | NUM | INS | SCRL

start | 2 Microso... | Part Search... | 5 Interne... | RAC0179-R... | Arms Servic... | 7:31 AM

Serial Number: C6498754

Model: M24 SWS

RE00115156

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498754.__0
FILE DATE AND TIME: 08/15/2006 20:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

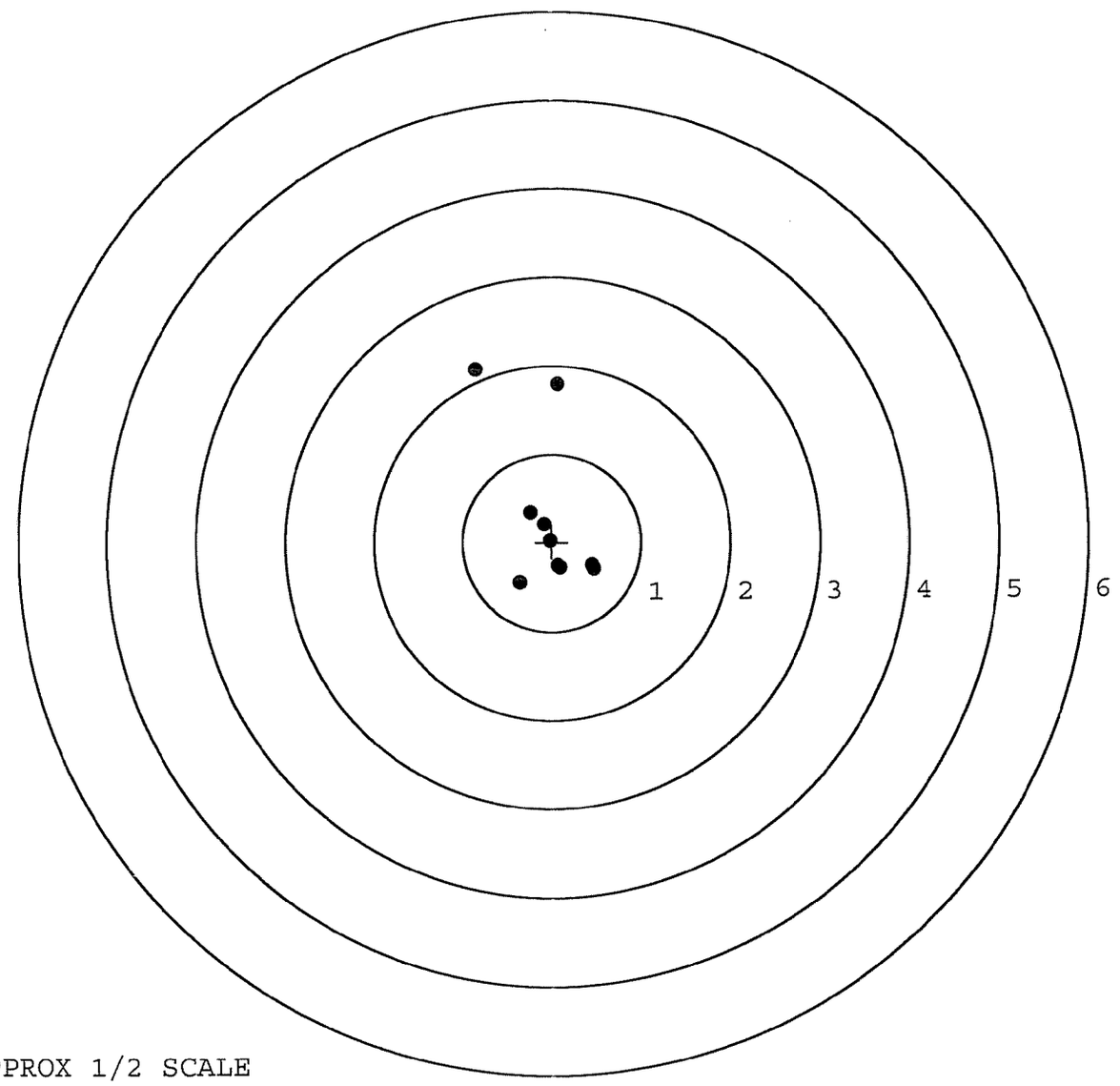
The Average X Centroid of the Five Target Set:	-0.023
The Average Y Centroid of the Five Target Set:	0.060
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.807
The Distance from POA to Centroid Target #1:	0.275
The Distance from Centroid Target #2 to Centroid Target #1:	0.078
The Distance from Centroid Target #3 to Centroid Target #1:	0.307
The Distance from Centroid Target #4 to Centroid Target #1:	0.301
The Distance from Centroid Target #5 to Centroid Target #1:	0.395

BARBER - M24 0007063

SERIAL NUMBER: C6498754.__0
TARGET NUMBER: 1
FILE DATE: 08/15/2006
FILE TIME: 20:59

X CENTROID:	-0.041
Y CENTROID:	0.271
POA TO CENTROID:	0.275
HORZ SPREAD:	1.326
VERT SPREAD:	2.414
GROUP SPREAD:	2.619
MIN RADIUS:	0.086
MAX RADIUS:	1.871
MEAN RADIUS:	0.737
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.854	1.957
2:	0.069	1.790
3:	-0.240	0.334
4:	-0.093	0.203
5:	-0.020	0.015
6:	-0.362	-0.457
7:	0.098	-0.291
8:	0.472	-0.302
9:	0.070	-0.270
10:	0.450	-0.264



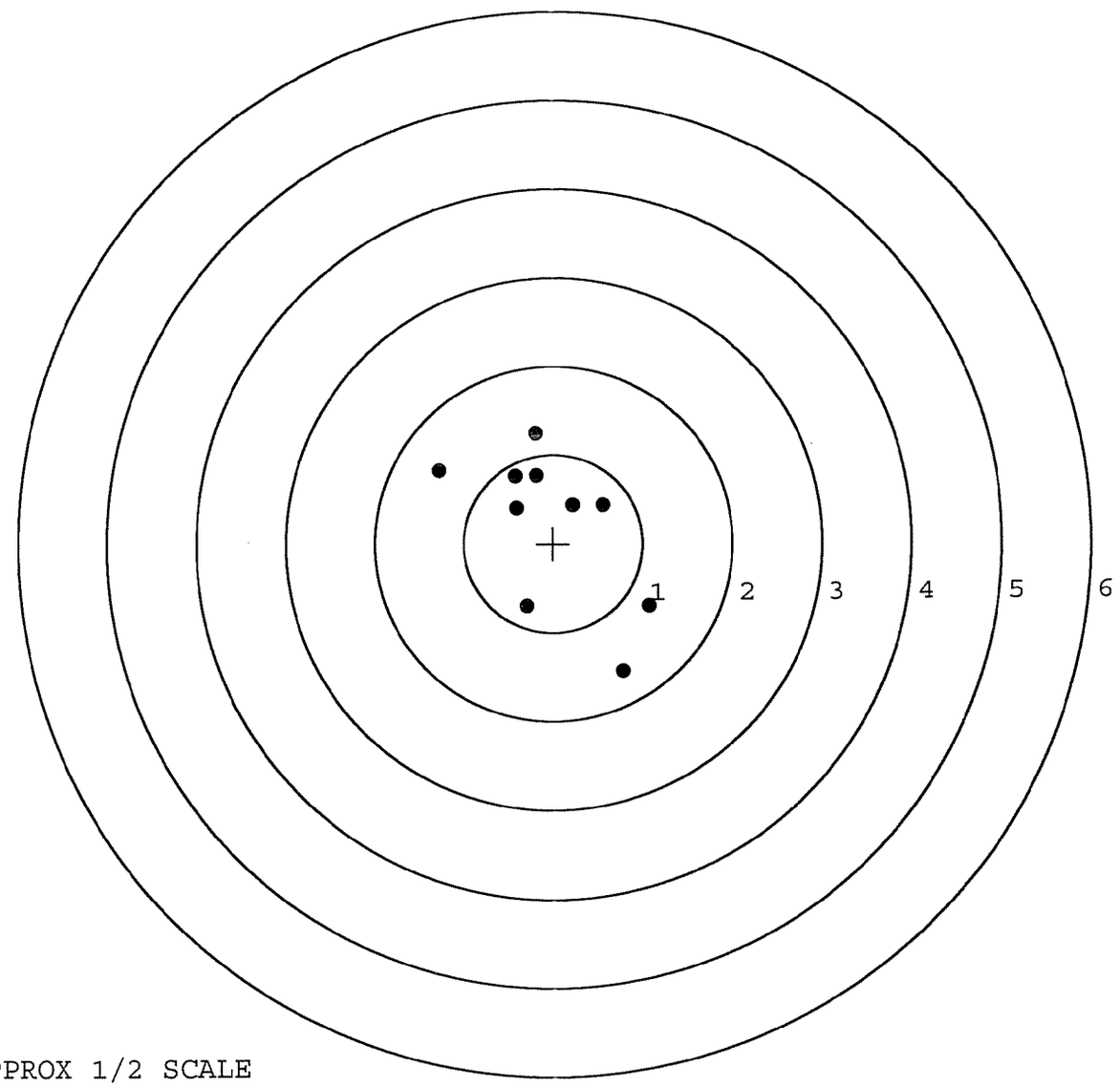
TARGET APPROX 1/2 SCALE

BARBER - M24 0007064

SERIAL NUMBER: C6498754.__0
TARGET NUMBER: 2
FILE DATE: 08/15/2006
FILE TIME: 20:59

X CENTROID:	-0.016
Y CENTROID:	0.198
POA TO CENTROID:	0.199
HORZ SPREAD:	2.342
VERT SPREAD:	2.683
GROUP SPREAD:	3.056
MIN RADIUS:	0.336
MAX RADIUS:	1.823
MEAN RADIUS:	0.933
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.068	-0.711
2:	0.777	-1.443
3:	-0.298	-0.709
4:	0.559	0.433
5:	0.226	0.431
6:	-1.274	0.823
7:	-0.198	1.240
8:	-0.190	0.762
9:	-0.420	0.758
10:	-0.410	0.396



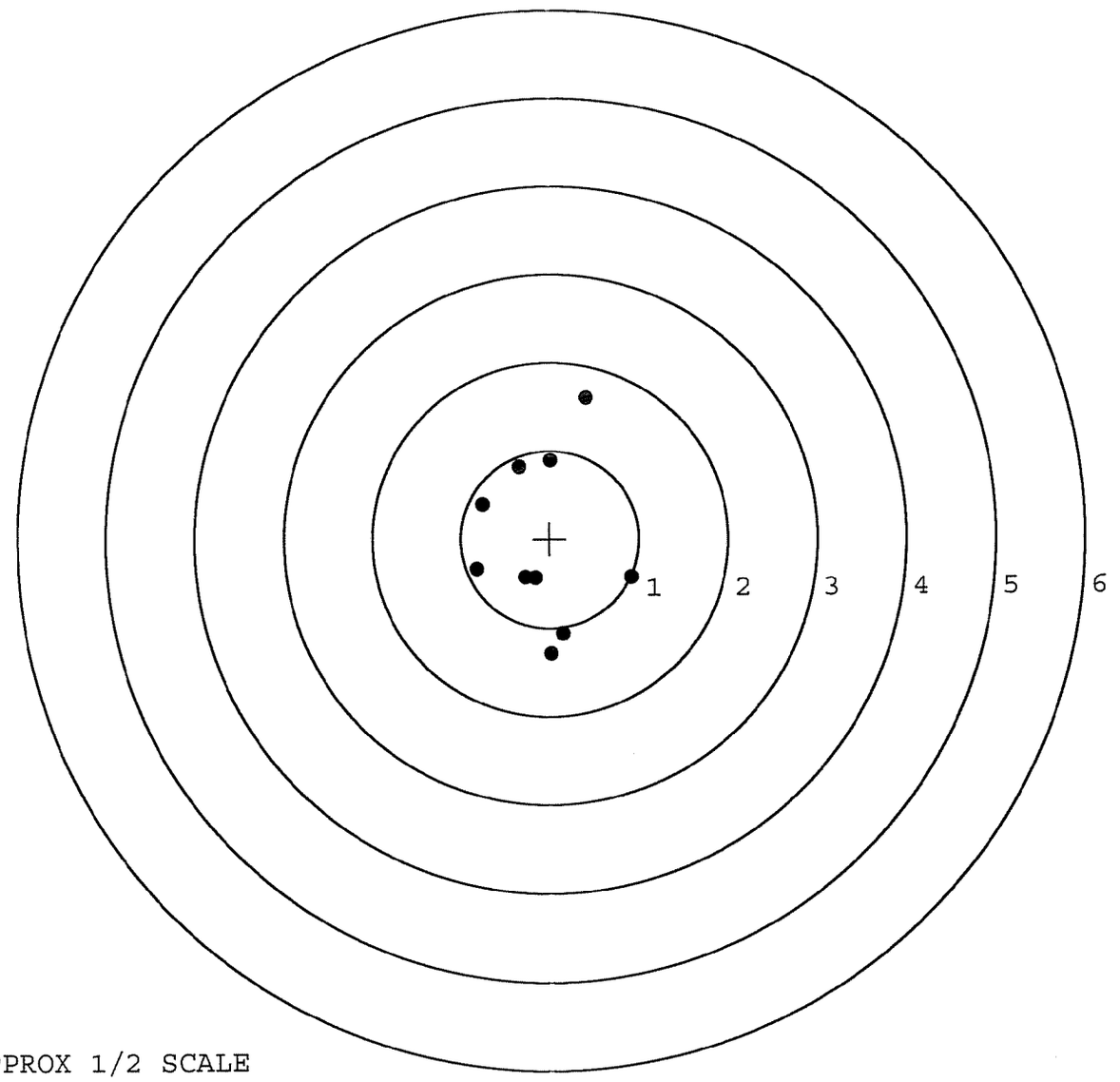
TARGET APPROX 1/2 SCALE

BARBER - M24 0007065

SERIAL NUMBER: C6498754.__0
TARGET NUMBER: 3
FILE DATE: 08/15/2006
FILE TIME: 20:59

X CENTROID:	-0.086
Y CENTROID:	-0.033
POA TO CENTROID:	0.092
HORZ SPREAD:	1.742
VERT SPREAD:	2.892
GROUP SPREAD:	2.918
MIN RADIUS:	0.416
MAX RADIUS:	1.701
MEAN RADIUS:	0.939
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.409	1.595
2:	0.013	0.893
3:	-0.342	0.814
4:	-0.758	0.391
5:	-0.825	-0.341
6:	0.917	-0.435
7:	-0.164	-0.441
8:	0.152	-1.067
9:	0.018	-1.297
10:	-0.276	-0.437



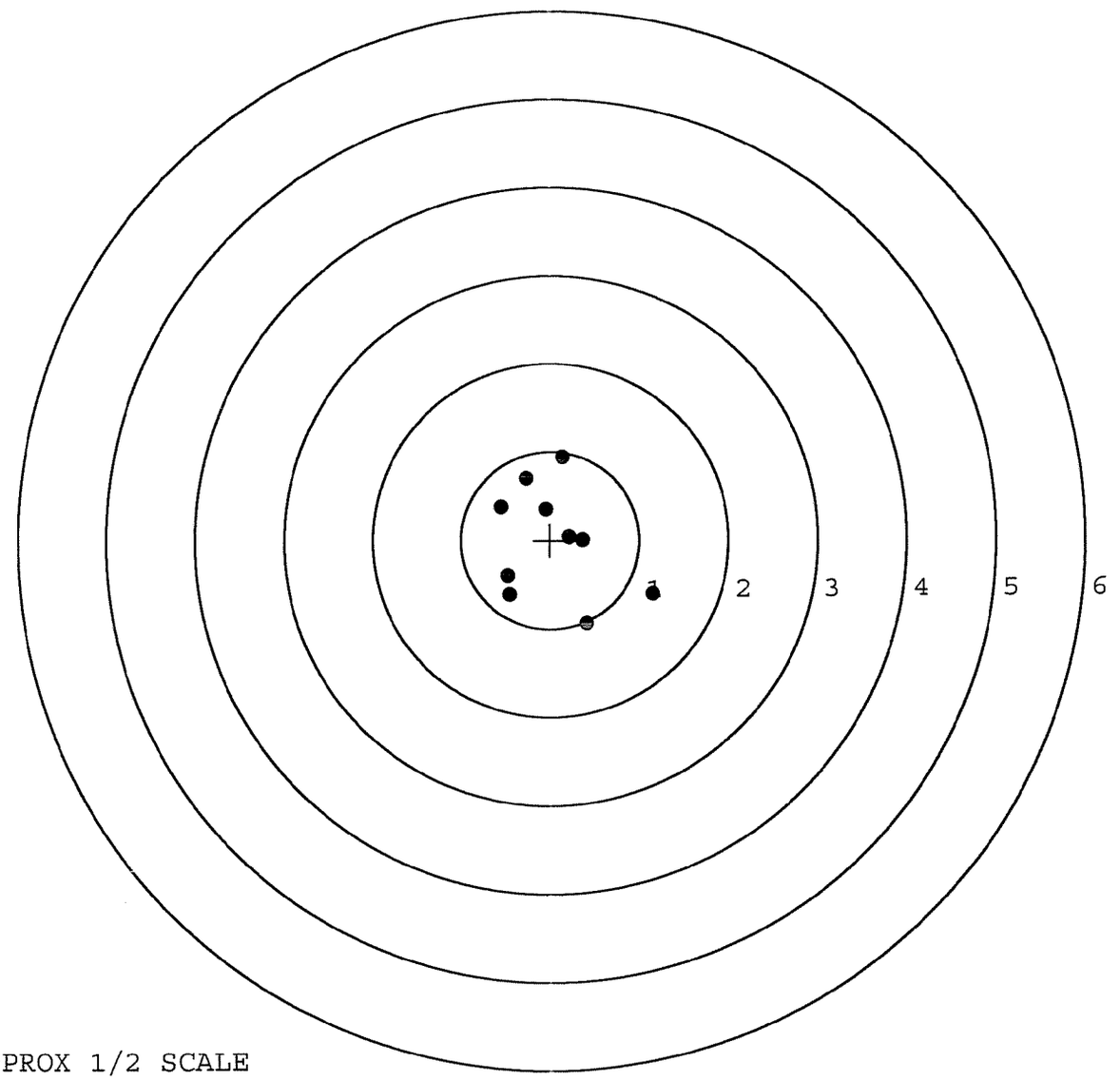
TARGET APPROX 1/2 SCALE

BARBER - M24 0007066

SERIAL NUMBER: C6498754.__0
TARGET NUMBER: 4
FILE DATE: 08/15/2006
FILE TIME: 20:59

X CENTROID:	0.047
Y CENTROID:	-0.016
POA TO CENTROID:	0.049
HORZ SPREAD:	1.702
VERT SPREAD:	1.882
GROUP SPREAD:	1.966
MIN RADIUS:	0.178
MAX RADIUS:	1.252
MEAN RADIUS:	0.702
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.141	0.939
2:	-0.273	0.698
3:	-0.551	0.378
4:	-0.053	0.352
5:	0.362	0.002
6:	1.151	-0.607
7:	0.408	-0.943
8:	-0.457	-0.617
9:	-0.479	-0.400
10:	0.217	0.035



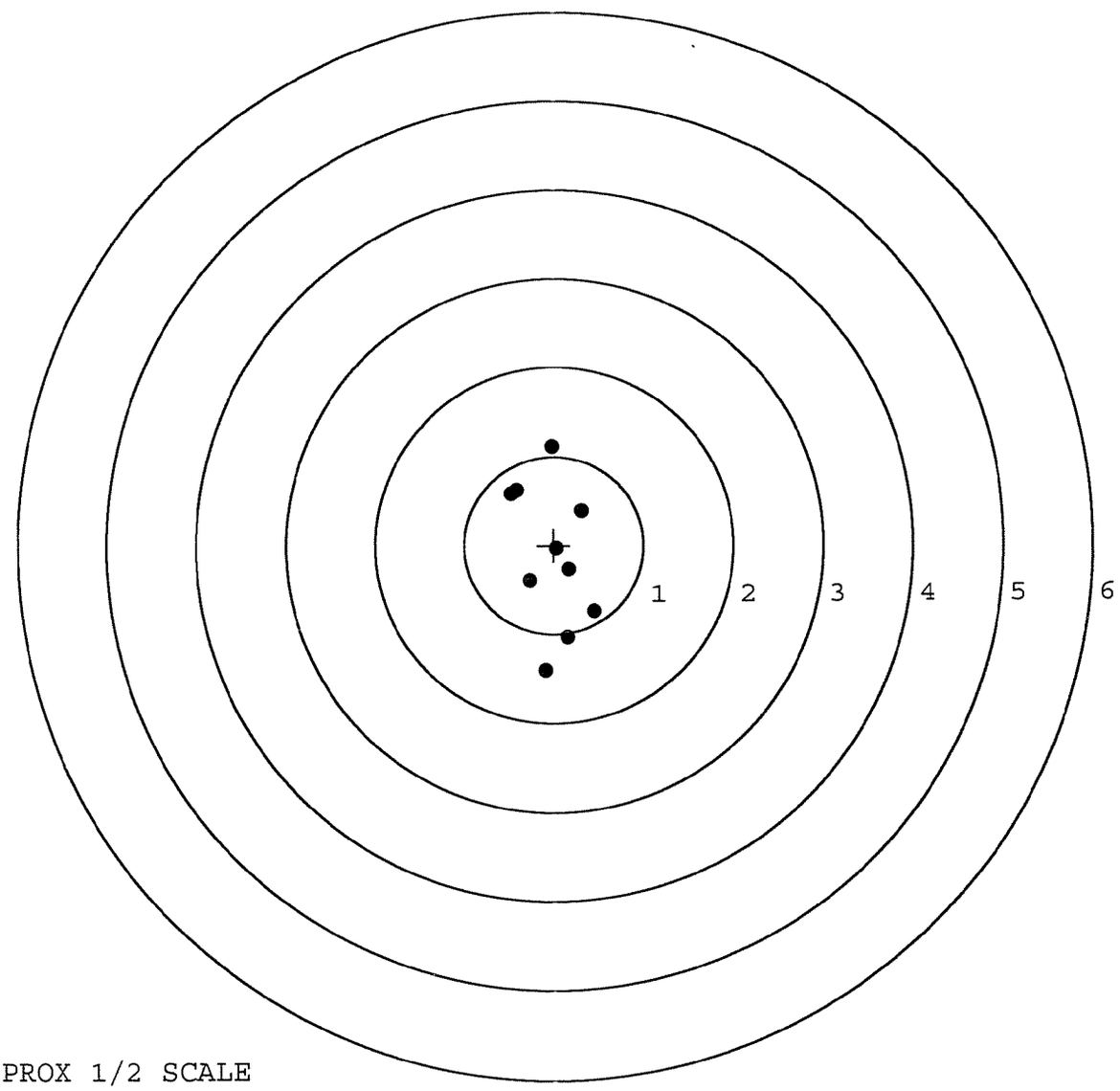
TARGET APPROX 1/2 SCALE

BARBER - M24 0007067

SERIAL NUMBER: C6498754.__0
TARGET NUMBER: 5
FILE DATE: 08/15/2006
FILE TIME: 20:59

X CENTROID:	-0.018
Y CENTROID:	-0.122
POA TO CENTROID:	0.124
HORZ SPREAD:	0.931
VERT SPREAD:	2.525
GROUP SPREAD:	2.526
MIN RADIUS:	0.100
MAX RADIUS:	1.296
MEAN RADIUS:	0.726
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.026	1.109
2:	-0.478	0.584
3:	0.308	0.387
4:	0.033	-0.036
5:	0.168	-0.279
6:	-0.273	-0.404
7:	0.453	-0.748
8:	0.155	-1.043
9:	-0.096	-1.416
10:	-0.419	0.622



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	115156
SERIAL NUMBER	C6498754
LOG-IN DATE	7-31-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-7-06	RTL
505	RE-BARREL		8-8-06	RTL
420	ASSEMBLE		8-8-06	RTL
440	PROOF	MAGNA-FLUX INSPECTED AUG 11 2006	8-9-06	BLG
460	CHECK HEADSPACE		8-9-06	BLG
470	DIS-ASSEMBLE GUN		8-9-06	BLG
480	MAGNAFLUX	OPERATOR APD	8-11-06	APD
510	DRILL AND TAP		8-10-06	TRL
500	ROLLMARK CALIBER		8-11-06	CW
520	GOFF BLAST BBL / REC		8-11-06	UB
530 & 540	APPLY COATINGS		8/13/06	TR
560	FINAL ASSEMBLY		8-15-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	8-15-06	L.P.D.
650	TARGET	(PASS) FAIL	8-15-06	L.P.D.
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		8-17-06	MJM
	A) HEADSPACE	(PASS) FAIL	8-17-06	MJM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.86 2.70 2.80 2.85 2.85	8-16-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.0 4.5 5.0	8-16-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.0	8-16-06	DA
	I) FIRING PIN INDENT (.020)	.025 .025 .025	8-16-06	DA
690	PACK		8-22-06	DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006

Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TH M24
SERIAL NO.
C6498754
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
01
5716 C6498754
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498754

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 90		RW
600	Proof	4 12 90		
607	Check Headspace	4 12 90		
610	Dis-assemble Gun	4 12 90		RW
612	Magnaflux Barrel Action	4-19-90		KCK
	Magnaflux Bolt	4-19-90		KCK
615	Rollmark Caliber	4-19-90		
617	Drill and Tap Sight Holes		4/23/90	KB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/30/90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/15/90	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/15/90	JH
	G) Safety Off Force	2	2	2			5/15/90	JH
	H) Trigger Pull Test & Retainability						5/15/90	JH
	I) Firing Pin Indent	.023	.023	.023			5/15/90	JH
	J) Assemble Stock						5/16/90	RW
	K) Assemble Swivel Studs						6/13/90	JH
	L) Attach Front and Rear Sight Assemblies						5/16/90	RW
	M) Iron Sight Alignment						5/16/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/16/90	RW
	O) Attach Scope to Rifle						5/16/90	JH
	P) Detach & Attach Scope 20 Times						5/16/90	JH
640	Gallery Target & Test						5-17-90	AC
	A) Time						5-17-90	AC
	B) Malfunctions						5-17-90	AC
	C) Pierced Primers						5-17-90	AC
	D) Optical Clearity of Scope						5-17-90	AC
645	Inspect for Live Ammo						5-17-90	AC
655	Final Inspection A) Headspace						6/13/90	JH
	B) Trigger Pull	2.78	2.72	2.84	2.90	2.87	6/13/90	CS
	C) Function						6/13/90	JH
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498754
DATE 5/14/90
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.22	2.31	2.78	MIN. SETTING,
PULL #2	2.41	2.31	2.35	2.72	NO AVG. OF 5
PULL #3	2.24	2.55	2.43	2.84	READINGS ACCEPT-
PULL #4	2.21	2.35	2.35	2.90	ABLE LESS THAN 2#
PULL #5	2.20	2.32	2.32	2.87	
TOTAL	11.40	11.75	11.76		
AVG.	2.28	2.35	2.352		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.34		
PULL #2	3.45	3.27		
PULL #3	3.43	3.35		
PULL #4	3.53	3.33		
PULL #5	3.45	3.41		
TOTAL	17.19	16.70		
AVG.	3.438	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.47		4.39
PULL #2	4.37	4.48		4.50
PULL #3	4.42	4.22		4.50
PULL #4	4.36	4.35		4.43
PULL #5	4.51	4.40		4.29
TOTAL	22.14	21.92		22.11
AVG.	4.428	4.384		4.422

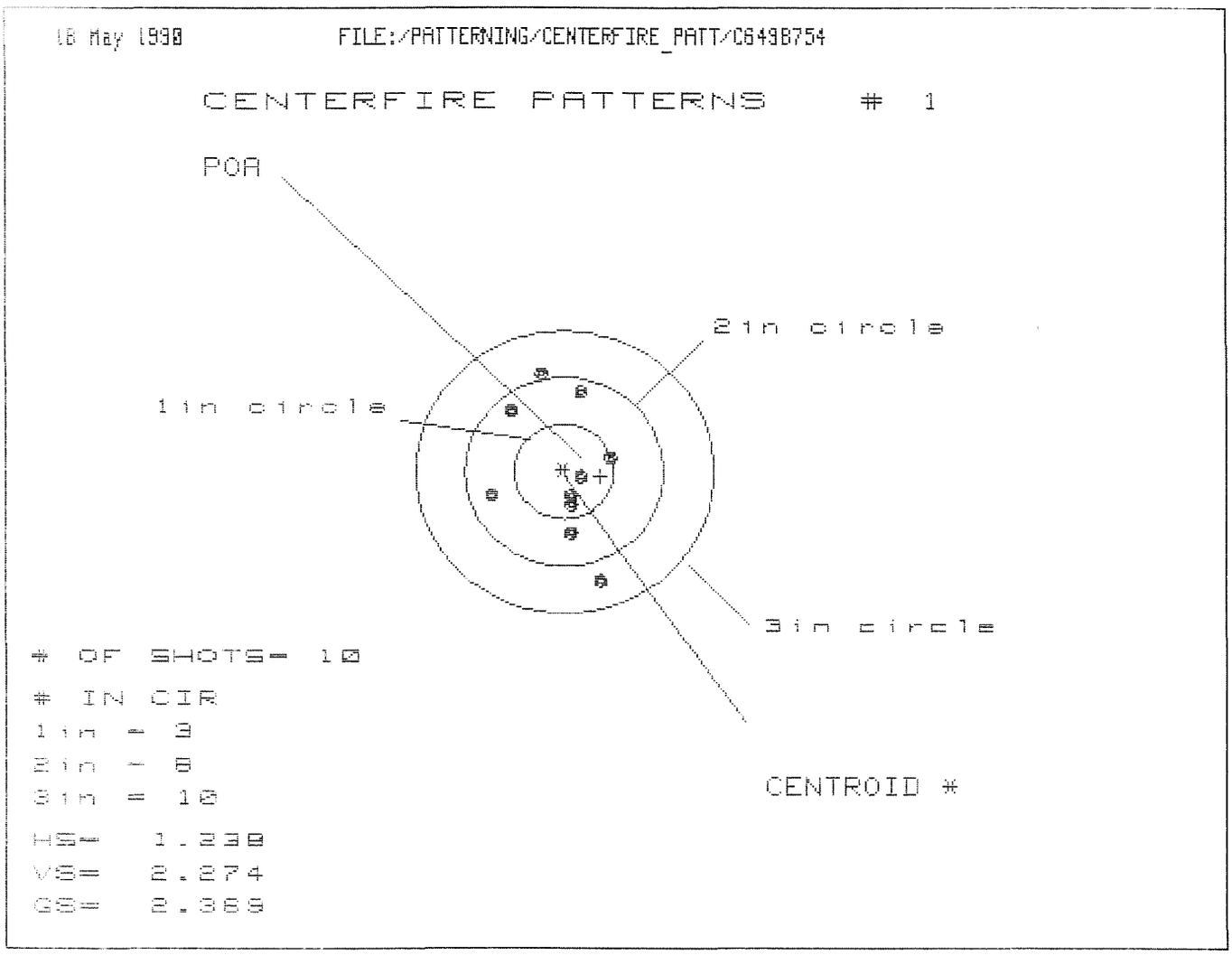
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498754
18 May 1990

CENTROIDAL DISTANCES

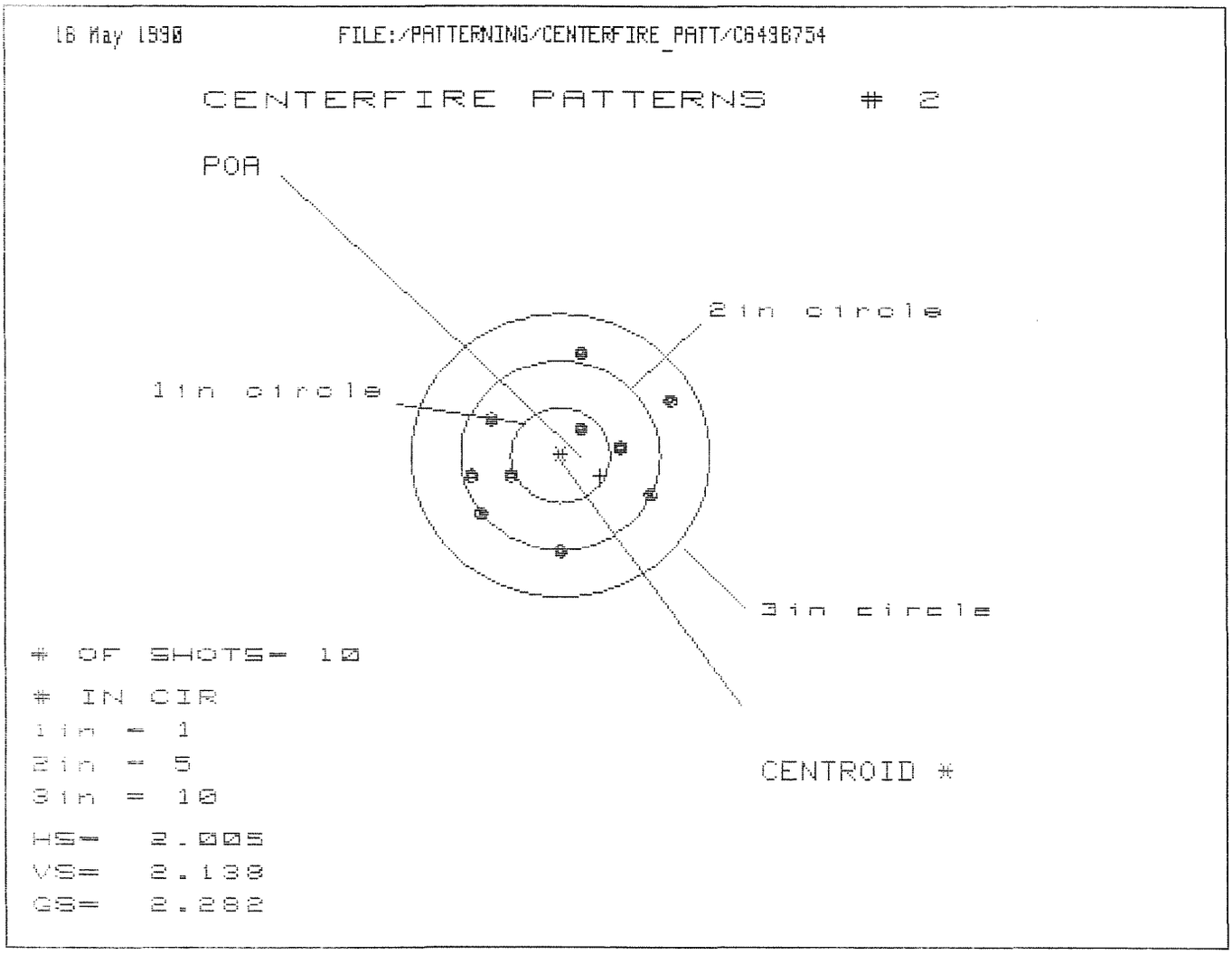
0	TO	1	.369818
1	TO	2	.165197
1	TO	3	.229401
1	TO	4	.0597746
1	TO	5	.27225

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1224
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .420412

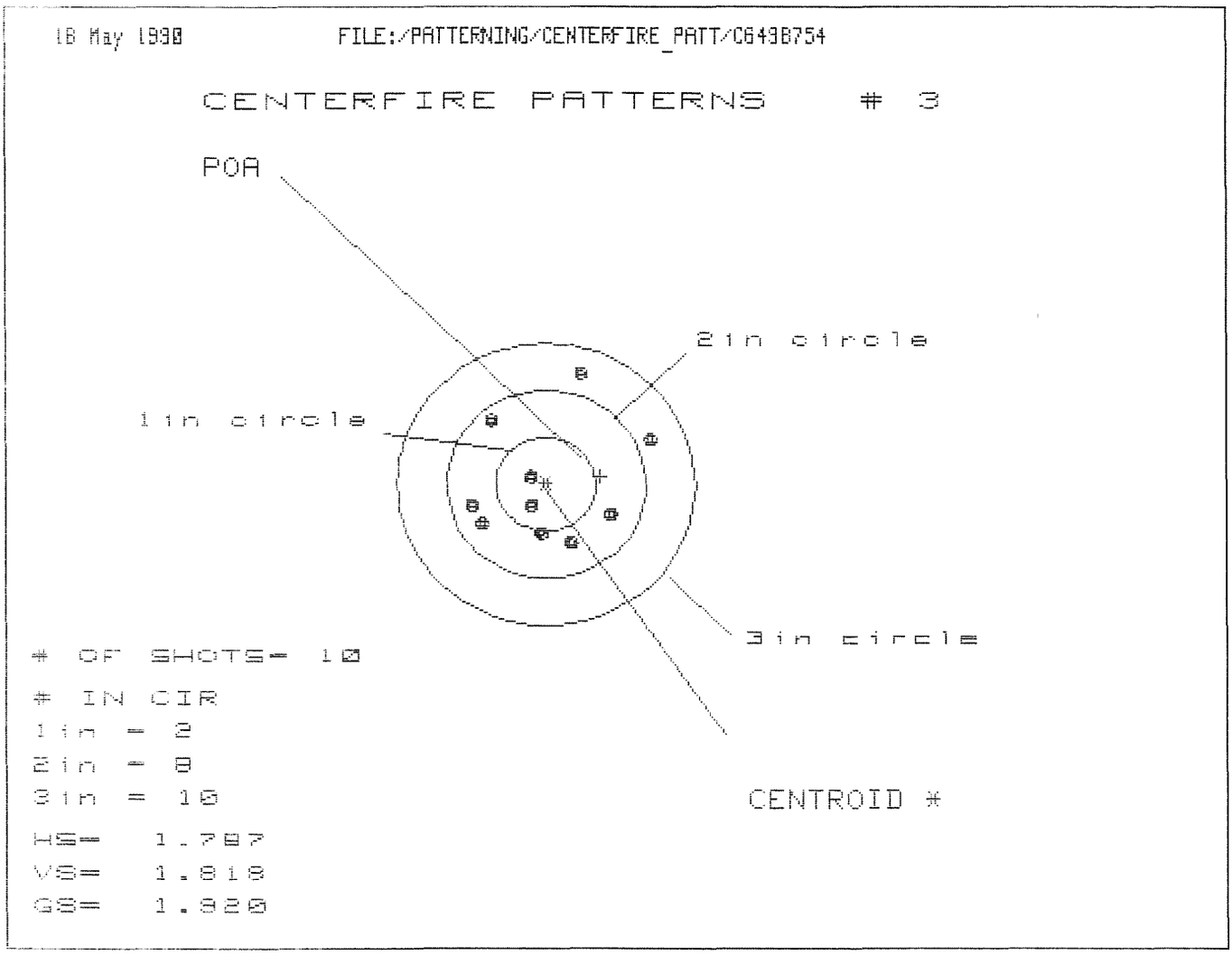
THE AMR FOR THIS RIFLE IS: .8034



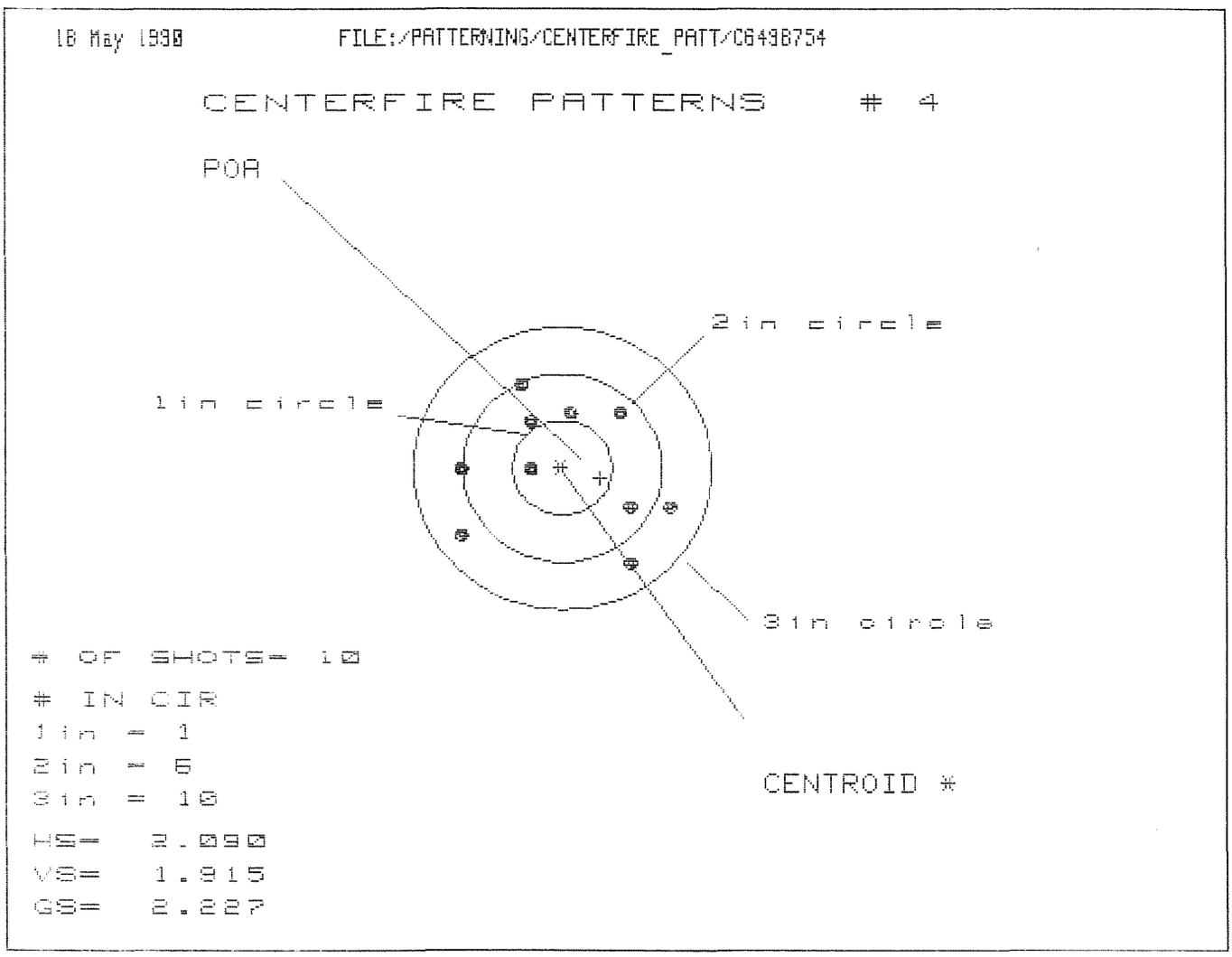
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.513	.559	.533
MINIMUM X	:	-.725	-.679	-.705
MAXIMUM Y	:	1.091	.960	.804
MINIMUM Y	:	-1.183	-.743	-.623
CENTROID X	:	-.366	-.412	-.386
CENTROID Y	:	.053	.184	.064
POA TO CENTROID in.	:	.370	.451	.392
MIN RADIUS	:	.173	.291	.196
MEAN RADIUS	:	.683	.639	.562
MAX RADIUS	:	1.253	.981	.840
HORIZONTAL SPREAD	:	1.238	1.238	1.238
VERTICAL SPREAD	:	2.274	1.703	1.427
EXTREME SPREAD	:	2.369	1.736	1.431
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



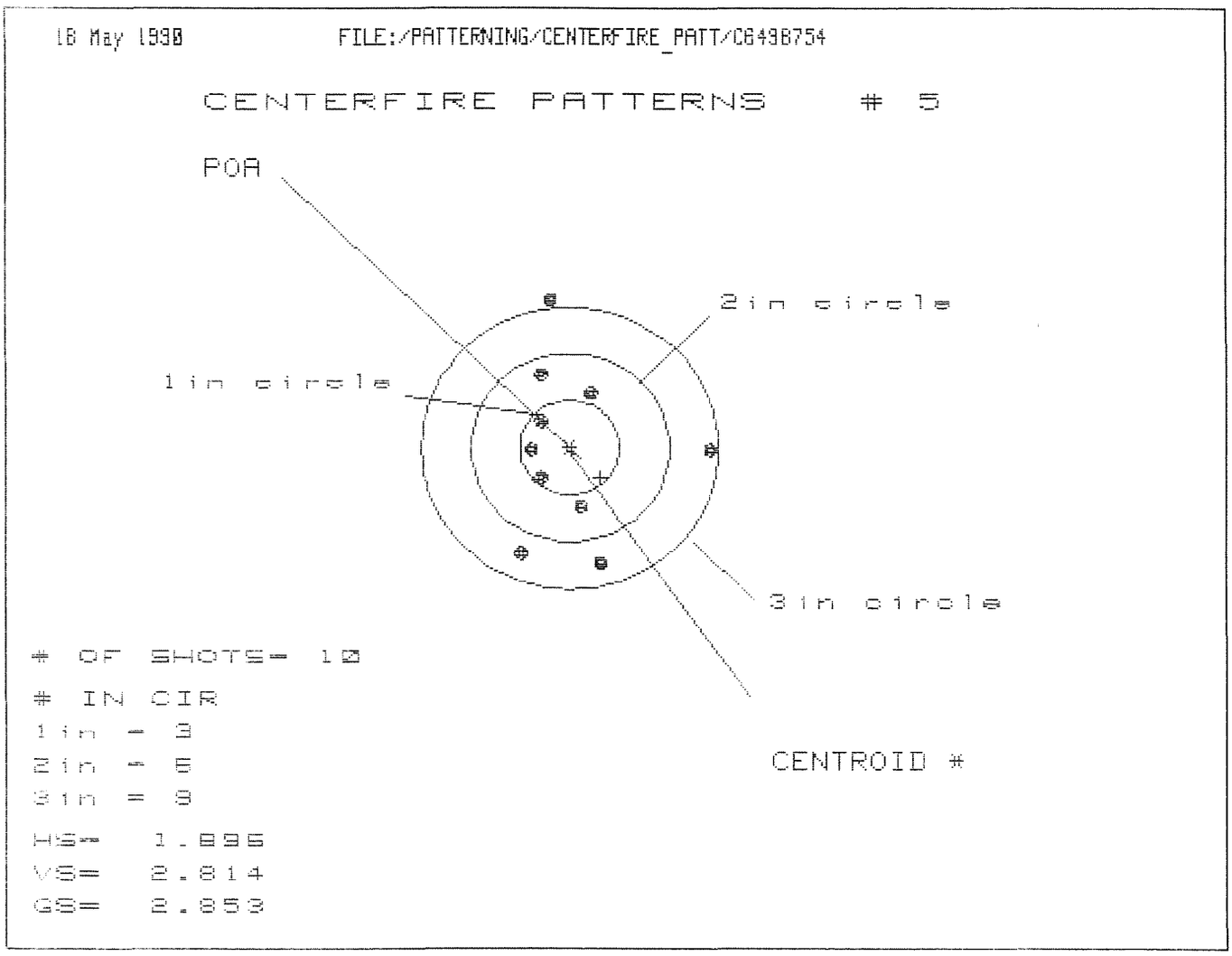
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.091	1.066	1.100
MINIMUM X	:	-.914	-.793	-.759
MAXIMUM Y	:	1.114	1.180	.640
MINIMUM Y	:	-1.024	-.958	-.810
CENTROID X	:	-.403	-.524	-.558
CENTROID Y	:	.214	.148	0.000
POA TO CENTROID in.	:	.456	.544	.558
MIN RADIUS	:	.377	.390	.308
MEAN RADIUS	:	.872	.819	.758
MAX RADIUS	:	1.242	1.212	1.115
HORIZONTAL SPREAD	:	2.005	1.859	1.859
VERTICAL SPREAD	:	2.138	2.138	1.450
EXTREME SPREAD	:	2.282	2.147	1.868
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.018	1.055	.804
MINIMUM X	:	-.769	-.732	-.600
MAXIMUM Y	:	1.175	.783	.860
MINIMUM Y	:	-.643	-.513	-.436
CENTROID X	:	-.550	-.587	-.719
CENTROID Y	:	-.084	-.214	-.291
POA TO CENTROID in.	:	.557	.625	.776
MIN RADIUS	:	.123	.131	.029
MEAN RADIUS	:	.705	.617	.510
MAX RADIUS	:	1.222	1.219	.927
HORIZONTAL SPREAD	:	1.787	1.787	1.404
VERTICAL SPREAD	:	1.818	1.296	1.296
EXTREME SPREAD	:	1.920	1.920	1.531
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.055	1.133	1.018
MINIMUM X	:	-1.035	-.957	-1.071
MAXIMUM Y	:	.865	.749	.649
MINIMUM Y	:	-1.050	-.792	-.667
CENTROID X	:	-.384	-.462	-.348
CENTROID Y	:	.110	.226	.326
POA TO CENTROID in.	:	.400	.515	.476
MIN RADIUS	:	.304	.249	.397
MEAN RADIUS	:	.876	.804	.741
MAX RADIUS	:	1.263	1.268	1.218
HORIZONTAL SPREAD	:	2.090	2.090	2.090
VERTICAL SPREAD	:	1.915	1.541	1.317
EXTREME SPREAD	:	2.227	2.139	2.139
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.391	1.368	.407
MINIMUM X	:	-.504	-.528	-.357
MAXIMUM Y	:	1.569	.964	.982
MINIMUM Y	:	-1.245	-1.071	-1.053
CENTROID X	:	-.308	-.285	-.456
CENTROID Y	:	.319	.145	.127
POA TO CENTROID in.	:	.444	.320	.474
MIN RADIUS	:	.385	.327	.173
MEAN RADIUS	:	.881	.799	.689
MAX RADIUS	:	1.583	1.376	1.129
HORIZONTAL SPREAD	:	1.896	1.896	.764
VERTICAL SPREAD	:	2.814	2.035	2.035
EXTREME SPREAD	:	2.853	2.176	2.119
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	