C6349010

MODEL 700™ M24

Model SWS

Action ™

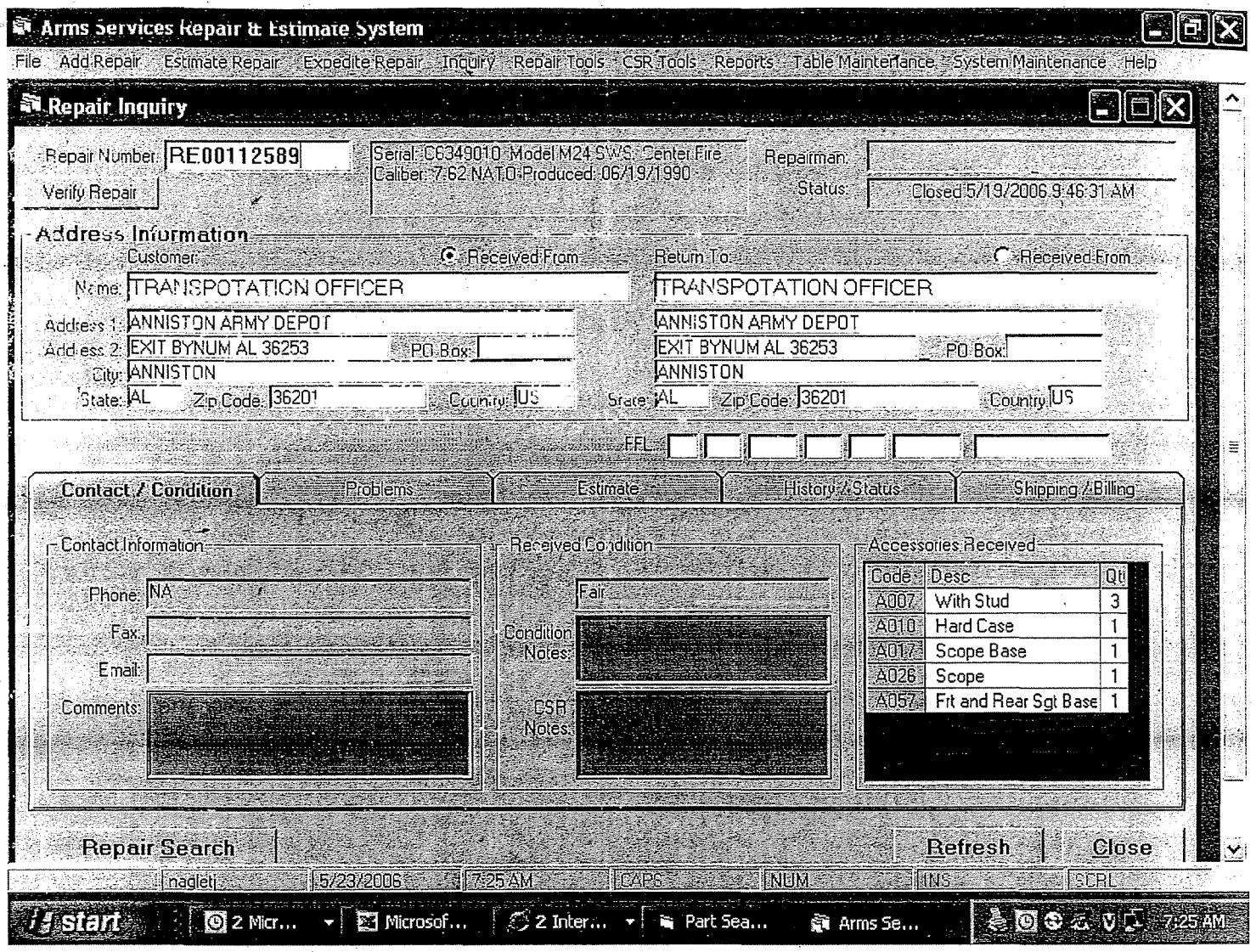
Barrel Length

Capacity

Order No. 5716

*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: RE00112589
Verify Repair
Serial: C6349010 Model M24 SWS, Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990
Repairman:
Status: Closed 5/19/2006 9:46:31 AM
Address Information
Customer
Received From
Name: TRANSPOTATION OFFICER
Address 1: ANNISTON ARMY DEPOT
Address 2: EXIT BYNUM AL 36253
PO Box:
City: ANNISTON
State: AL
Zip Code: 36201
Country: US
Return To
Received From
TRANSPOTATION OFFICER
ANNISTON ARMY DEPOT
EXIT BYNUM AL 36253
PO Box:
ANNISTON
State: AL
Zip Code: 36201
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 Qu
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Fit and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleti
5/23/2006
7:25 AM
CAPS
NUM
INS
SCRL
start
2 Micr...
Microsof...
2 Inter...
Part Sea...
Arms Se...
7:25 AM


Serial Number:
C6349010
Model: M24 SWS
RE00112589

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349010.__0
FILE DATE AND TIME: 06/12/2006 16:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

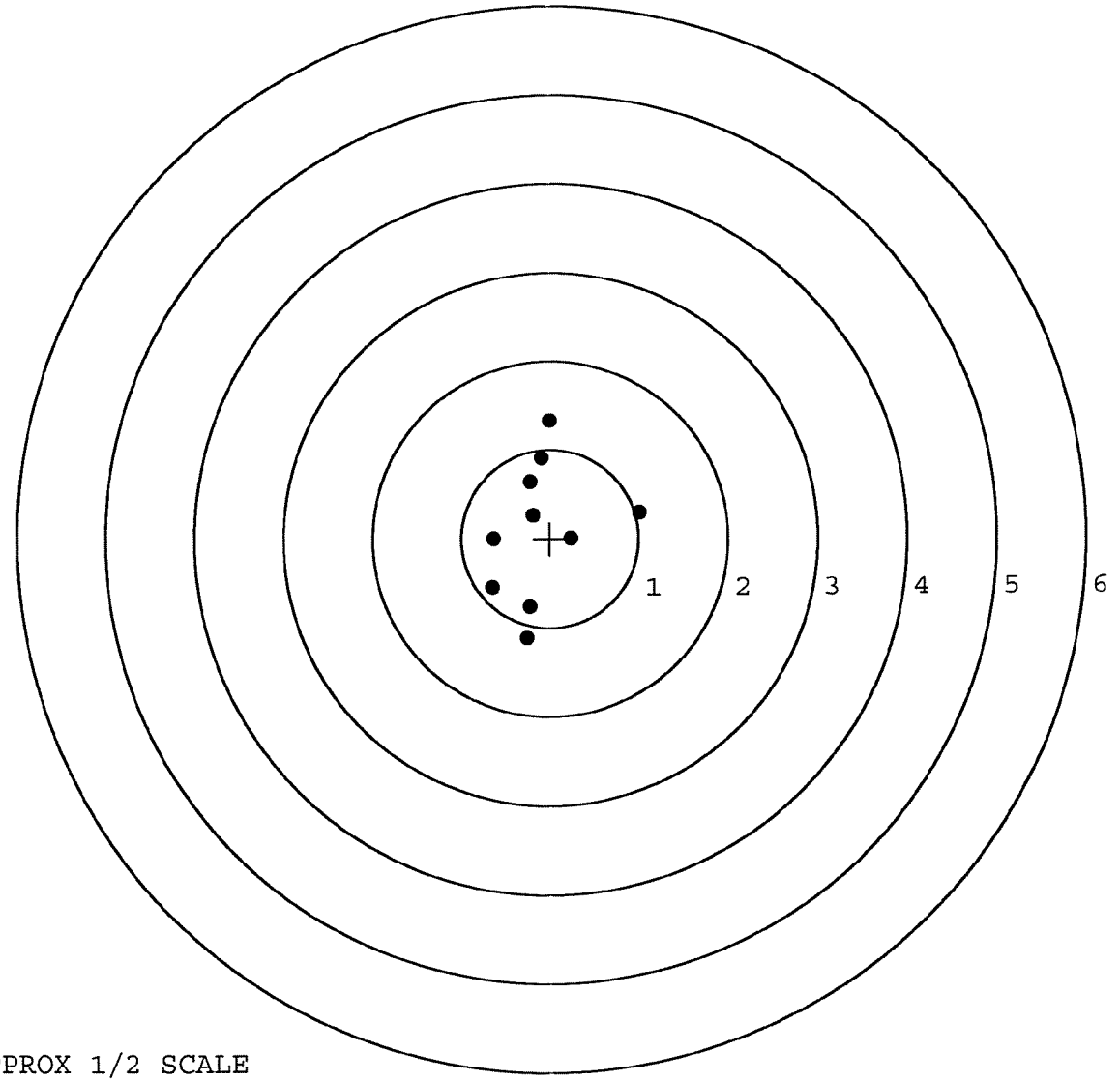
The Average X Centroid of the Five Target Set:	-0.145
The Average Y Centroid of the Five Target Set:	0.085
The Average Point of Impact of the Five Target Set:	0.168
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.143
The Distance from Centroid Target #2 to Centroid Target #1:	0.404
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.037
The Distance from Centroid Target #5 to Centroid Target #1:	0.226

BARBER - M24 0105604

SERIAL NUMBER: C6349010.__0
TARGET NUMBER: 1
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID:	-0.105
Y CENTROID:	0.097
POA TO CENTROID:	0.143
HORZ SPREAD:	1.662
VERT SPREAD:	2.447
GROUP SPREAD:	2.461
MIN RADIUS:	0.184
MAX RADIUS:	1.232
MEAN RADIUS:	0.775
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.264	-1.124
2:	-0.229	-0.769
3:	-0.653	-0.551
4:	-0.637	0.002
5:	-0.187	0.262
6:	0.237	0.004
7:	1.009	0.287
8:	-0.226	0.638
9:	-0.094	0.901
10:	-0.005	1.323



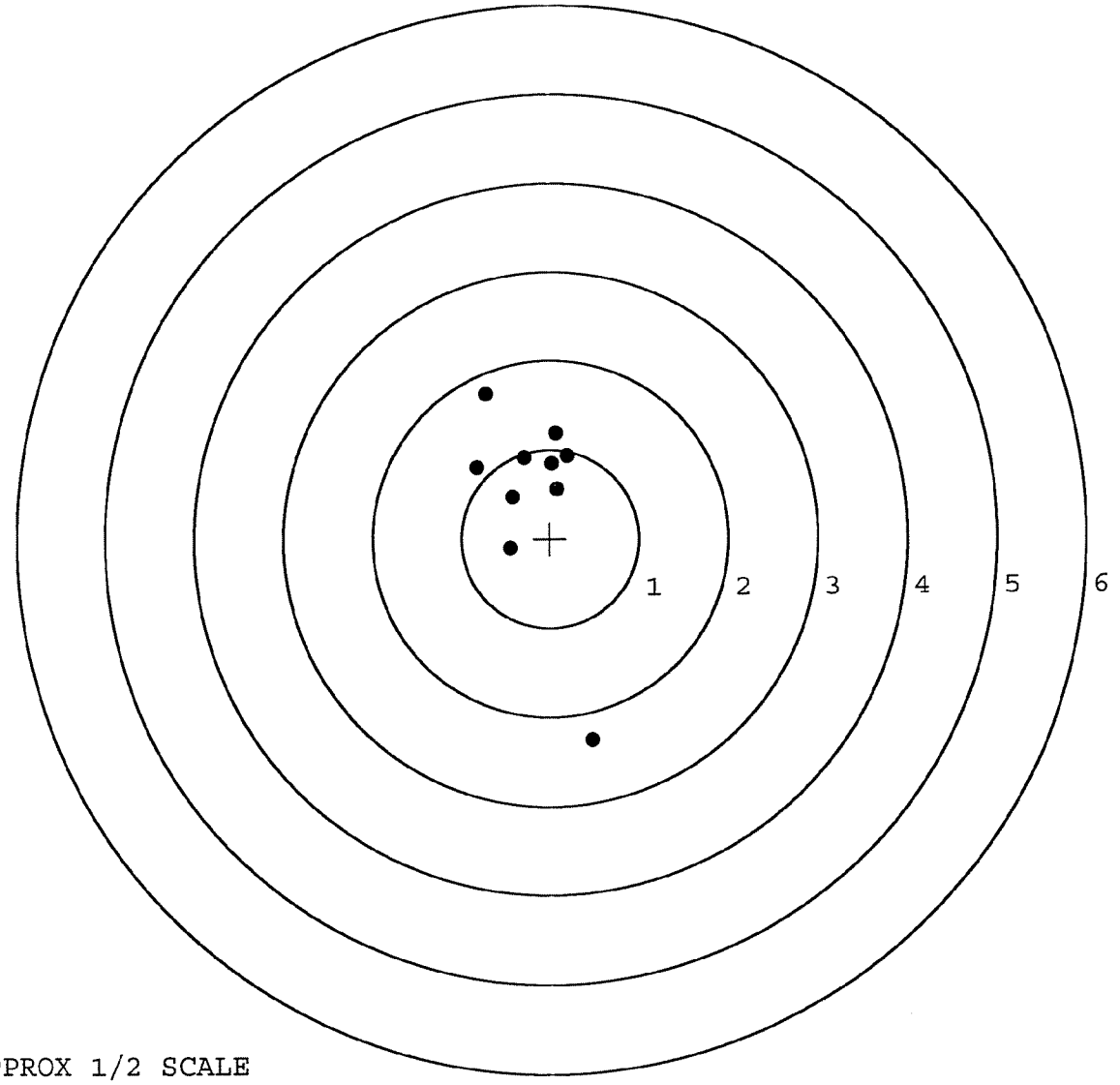
TARGET APPROX 1/2 SCALE

BARBER - M24 0105605

SERIAL NUMBER: C6349010.__0
TARGET NUMBER: 2
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID:	-0.186
Y CENTROID:	0.494
POA TO CENTROID:	0.527
HORZ SPREAD:	1.287
VERT SPREAD:	3.888
GROUP SPREAD:	4.066
MIN RADIUS:	0.239
MAX RADIUS:	2.833
MEAN RADIUS:	0.812
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.467	-2.263
2:	-0.450	-0.111
3:	-0.423	0.467
4:	-0.820	0.802
5:	-0.723	1.625
6:	0.073	1.183
7:	0.199	0.929
8:	0.085	0.556
9:	-0.287	0.908
10:	0.023	0.840



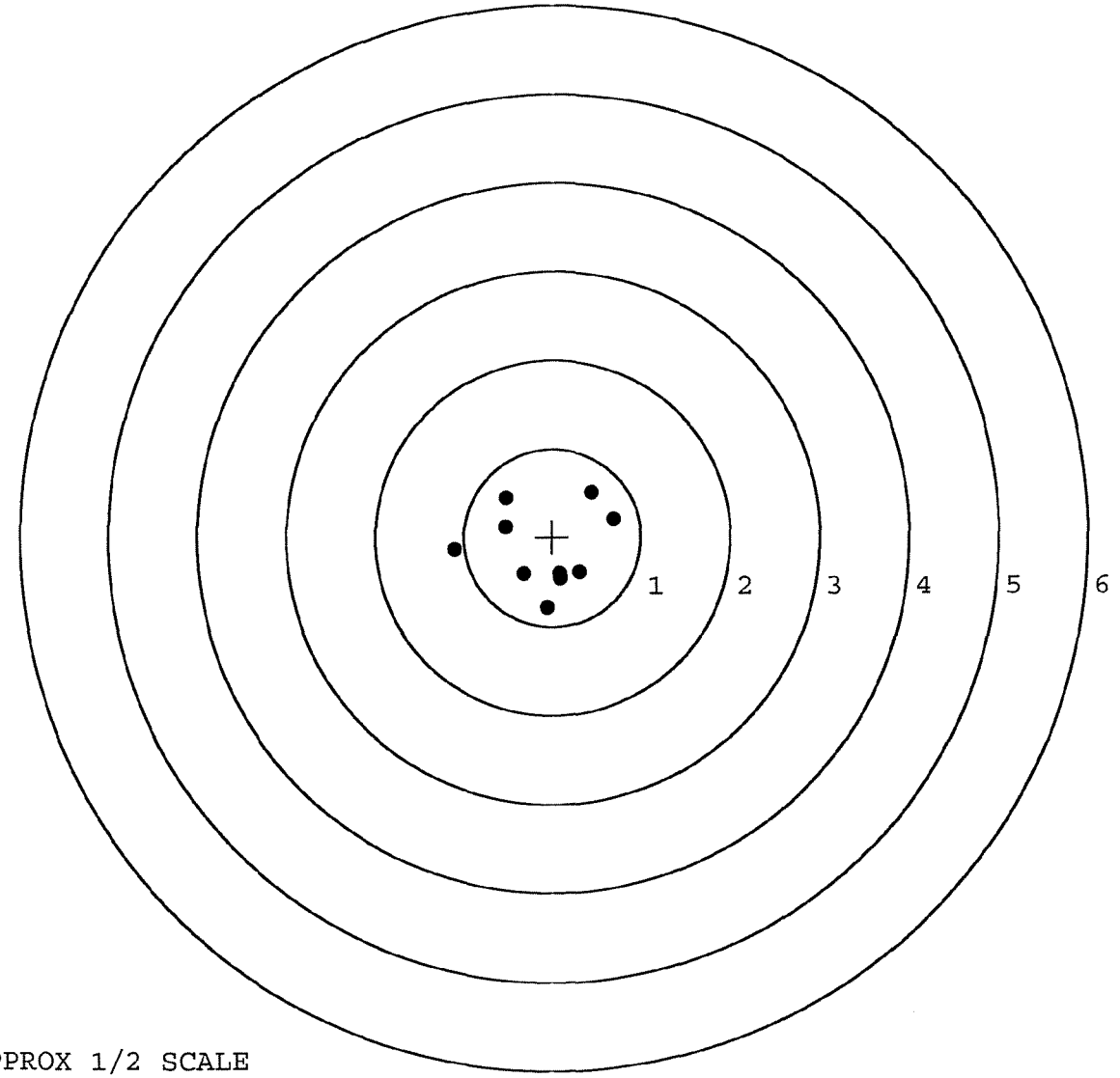
TARGET APPROX 1/2 SCALE

BARBER - M24 0105606

SERIAL NUMBER: C6349010.__0
TARGET NUMBER: 3
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID:	-0.093
Y CENTROID:	-0.136
POA TO CENTROID:	0.165
HORZ SPREAD:	1.794
VERT SPREAD:	1.301
GROUP SPREAD:	1.828
MIN RADIUS:	0.330
MAX RADIUS:	1.011
MEAN RADIUS:	0.616
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.061	-0.794
2:	0.310	-0.399
3:	0.084	-0.414
4:	-0.323	-0.419
5:	-1.104	-0.143
6:	-0.539	0.116
7:	-0.528	0.450
8:	0.444	0.507
9:	0.690	0.206
10:	0.092	-0.472



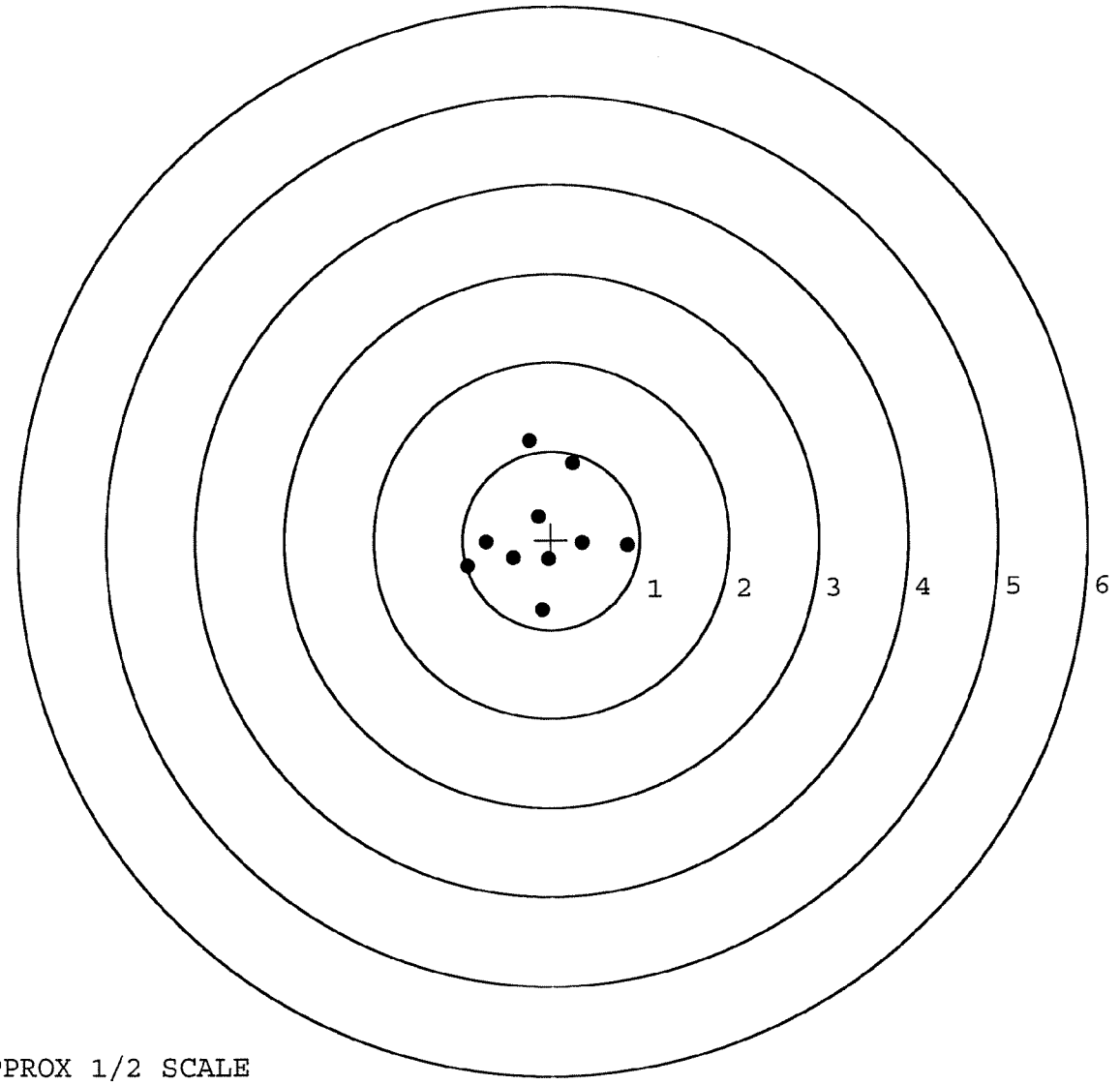
TARGET APPROX 1/2 SCALE

BARBER - M24 0105607

SERIAL NUMBER: C6349010.__0
TARGET NUMBER: 4
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID:	-0.116
Y CENTROID:	0.063
POA TO CENTROID:	0.132
HORZ SPREAD:	1.804
VERT SPREAD:	1.902
GROUP SPREAD:	1.907
MIN RADIUS:	0.205
MAX RADIUS:	1.064
MEAN RADIUS:	0.669
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.353	-0.036
2:	0.861	-0.070
3:	-0.102	-0.783
4:	-0.029	-0.219
5:	-0.943	-0.288
6:	-0.427	-0.204
7:	-0.739	-0.026
8:	-0.143	0.266
9:	0.248	0.866
10:	-0.242	1.119

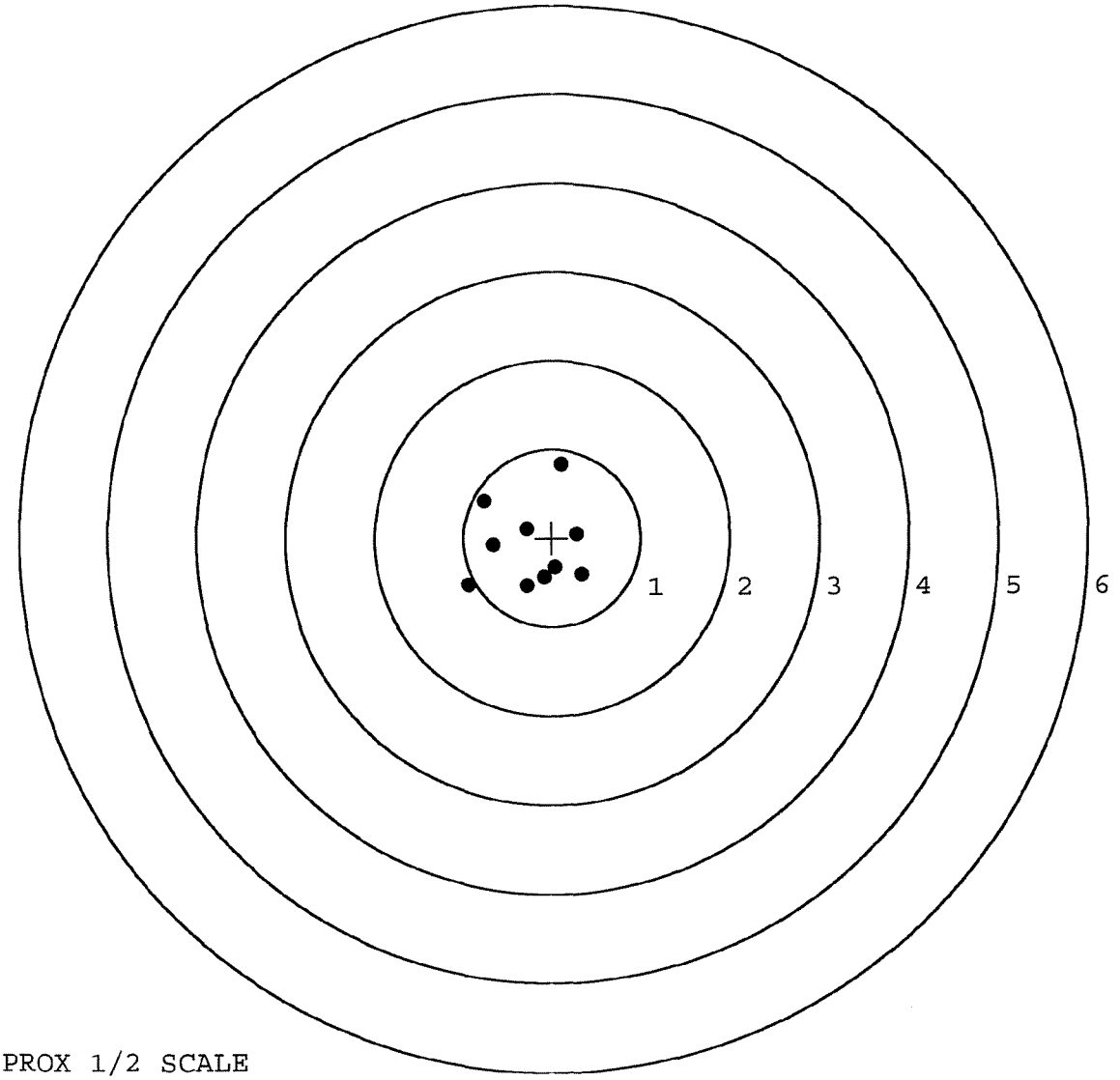


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349010.__0
TARGET NUMBER: 5
FILE DATE: 06/12/2006
FILE TIME: 16:56

X CENTROID:	-0.227
Y CENTROID:	-0.093
POA TO CENTROID:	0.245
HORZ SPREAD:	1.282
VERT SPREAD:	1.372
GROUP SPREAD:	1.722
MIN RADIUS:	0.203
MAX RADIUS:	0.985
MEAN RADIUS:	0.558
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.286	-0.540
2:	-0.092	-0.447
3:	0.038	-0.336
4:	0.340	-0.412
5:	0.281	0.052
6:	-0.942	-0.530
7:	-0.663	-0.075
8:	-0.284	0.102
9:	-0.772	0.424
10:	0.111	0.832

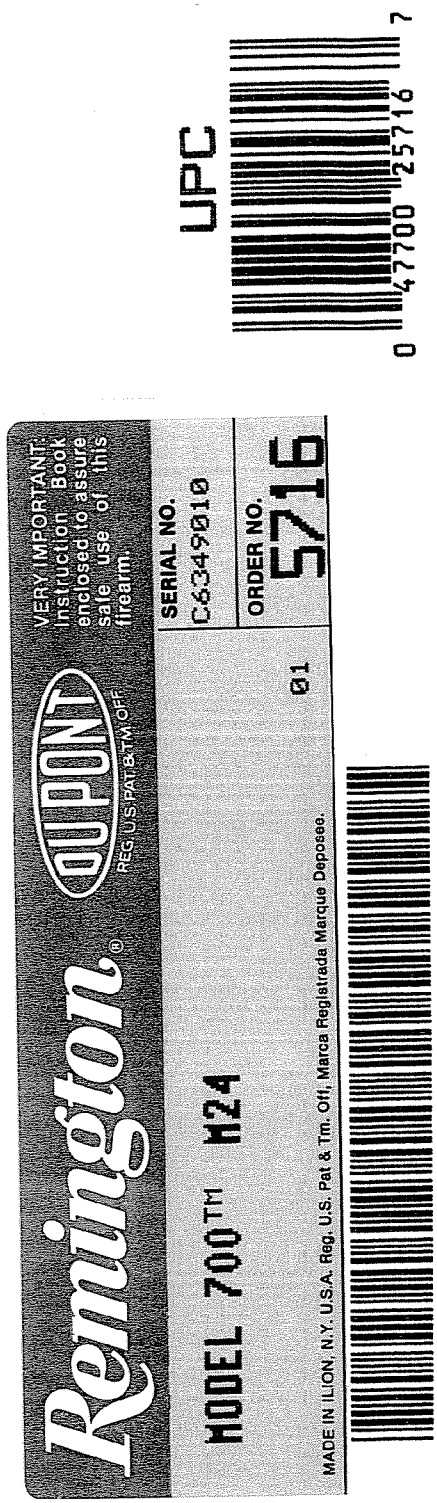


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112589
SERIAL NUMBER	C1634901D
LOG-IN DATE	5-19-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-31-06	RTL
505	RE-BARREL		6-1-06	RTL
560	ASSEMBLE		6-1-06	RTL
600	PROOF	MAGNA-FLUX INSPECTED JUN 05 2006	6-1-06	TRW
605	CHECK HEADSPACE		6-1-06	TRW
610	DIS-ASSEMBLE GUN		6-2-06	RTL
612	MAGNAFLUX	OPERATOR APD	6-3-06	APD
510	DRILL AND TAP		6-2-06	TRW
615	ROLLMARK CALIBER		6-2-06	CW
618	ROTO-BLAST		6-5-06	CB
620	APPLY COATINGS		6/7/06	TCB
625	FINAL ASSEMBLY		6-12-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	6-12-06	MJH
650	TARGET	(PASS) FAIL	6-12-06	MJH
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-28-06	AC
	A) HEADSPACE	(PASS) FAIL	6-28-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	N/A		AC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6 lbs 6 lbs 6 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.024 .024 .024		AC
690	PACK		7666	


UPC
0 47700 25716 7
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24
SERIAL NO.
C6349010
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6349010

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349010

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 90		RW
600	Proof	4 12 90		A
607	Check Headspace	4 12 90		K
610	Dis-assemble Gun	4 12 90		RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		GL
617	Drill and Tap Sight Holes		4/23/90	RB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/20/90	TA
	Apply Coating (Bolt)		4/20/90	TA
625	Final Assembly A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/6/90	JM

BARBER - M24 0105612

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			6/8/90	WB
	G) Safety Off Force	7 1/4	7 1/4	7 1/4			6/8/90	WB
	H) Trigger Pull Test & Retainability						6/6/90	
	I) Firing Pin Indent	.0235	.0235	.0235			6/7/90	WB
	J) Assemble Stock						6/8/90	RW
	K) Assemble Swivel Studs						6/13/90	
	L) Attach Front and Rear Sight Assemblies						6/8/90	RW
	M) Iron Sight Alignment						6/8/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/8/90	RW
	O) Attach Scope to Rifle						6/8/90	WB
	P) Detach & Attach Scope 20 Times						6/8/90	WB
640	Gallery Target & Test						6-8-90	AC
	A) Time						6-8-90	AC
	B) Malfunctions						6-8-90	AC
	C) Pierced Primers						6-8-90	AC
	D) Optical Clearity of Scope						6-8-90	AC
645	Inspect for Live Ammo						6-8-90	AC
655	Final Inspection A) Headspace						6/13/90	
	B) Trigger Pull	2.54	2.43	2.37	2.40	2.45	6/13/90	GS
	C) Function						6/13/90	
660	Pack						6-9-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349010
DATE 6/6/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.26	2.40	2.59	MIN. SETTING,
PULL #2	2.28	2.22	2.38	2.43	NO AVG. OF 5
PULL #3	2.23	2.32	2.43	2.37	READINGS ACCEPT-
PULL #4	2.37	2.24	2.45	2.40	ABLE LESS THAN 2#
PULL #5	2.24	2.25	2.30	2.45	
TOTAL	11.60	11.29	11.96		
AVG.	2.32	2.258	2.392		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.40		
PULL #2	3.44	3.40		
PULL #3	3.39	3.46		
PULL #4	3.40	3.43		
PULL #5	3.42	3.43		
TOTAL	17.06	17.12		
AVG.	3.412	3.424		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.30		4.32
PULL #2	4.45	4.43		4.41
PULL #3	4.41	4.30		4.32
PULL #4	4.30	4.32		4.41
PULL #5	4.44	4.33		4.37
TOTAL	22.04	21.68		21.83
AVG.	4.408	4.336		4.366

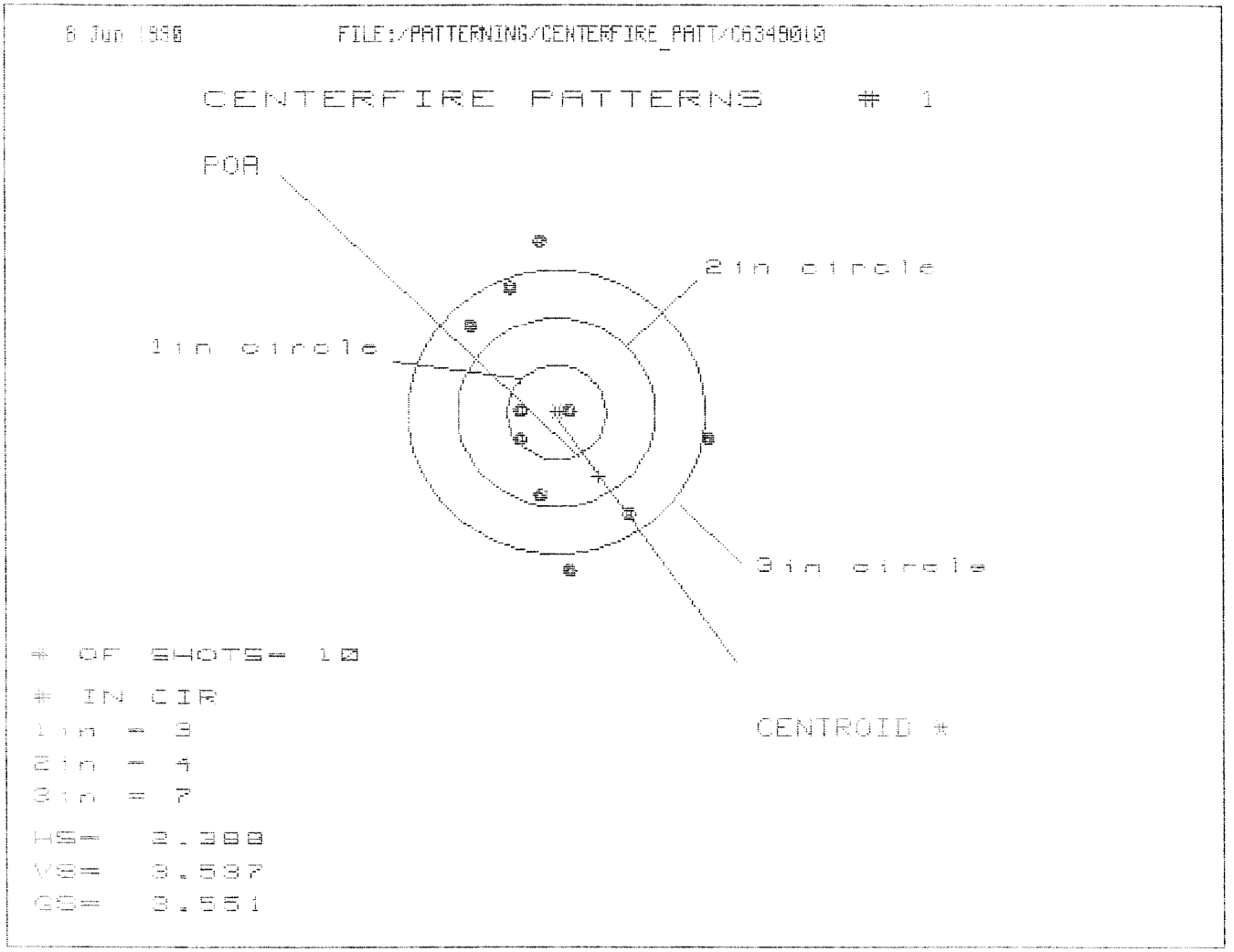
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349010
8 Jun 1990

CENTROIDAL DISTANCES

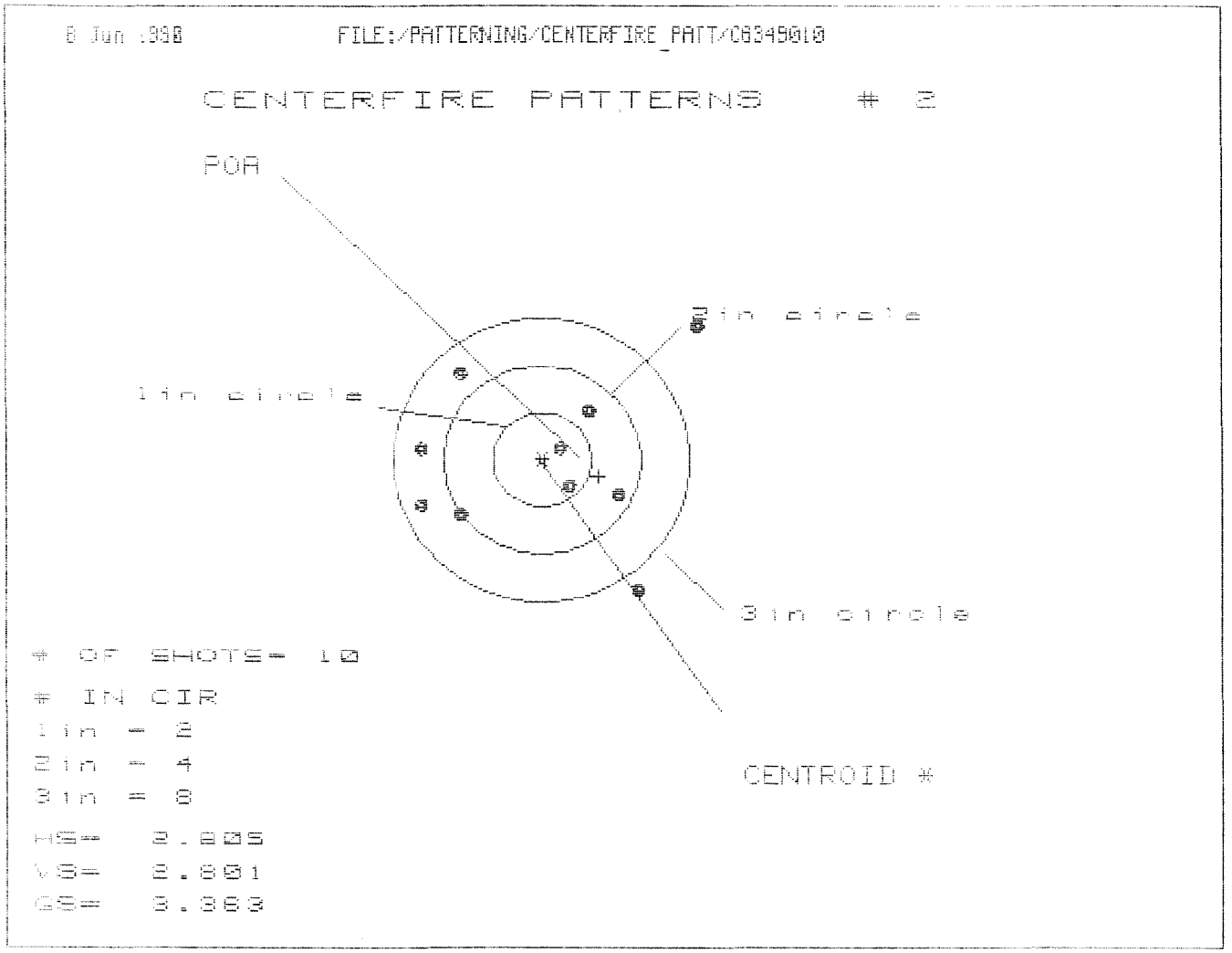
0	TO	1	.799032
1	TO	2	.522687
1	TO	3	.302605
1	TO	4	.552558
1	TO	5	.701754

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2318
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7614
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .795903

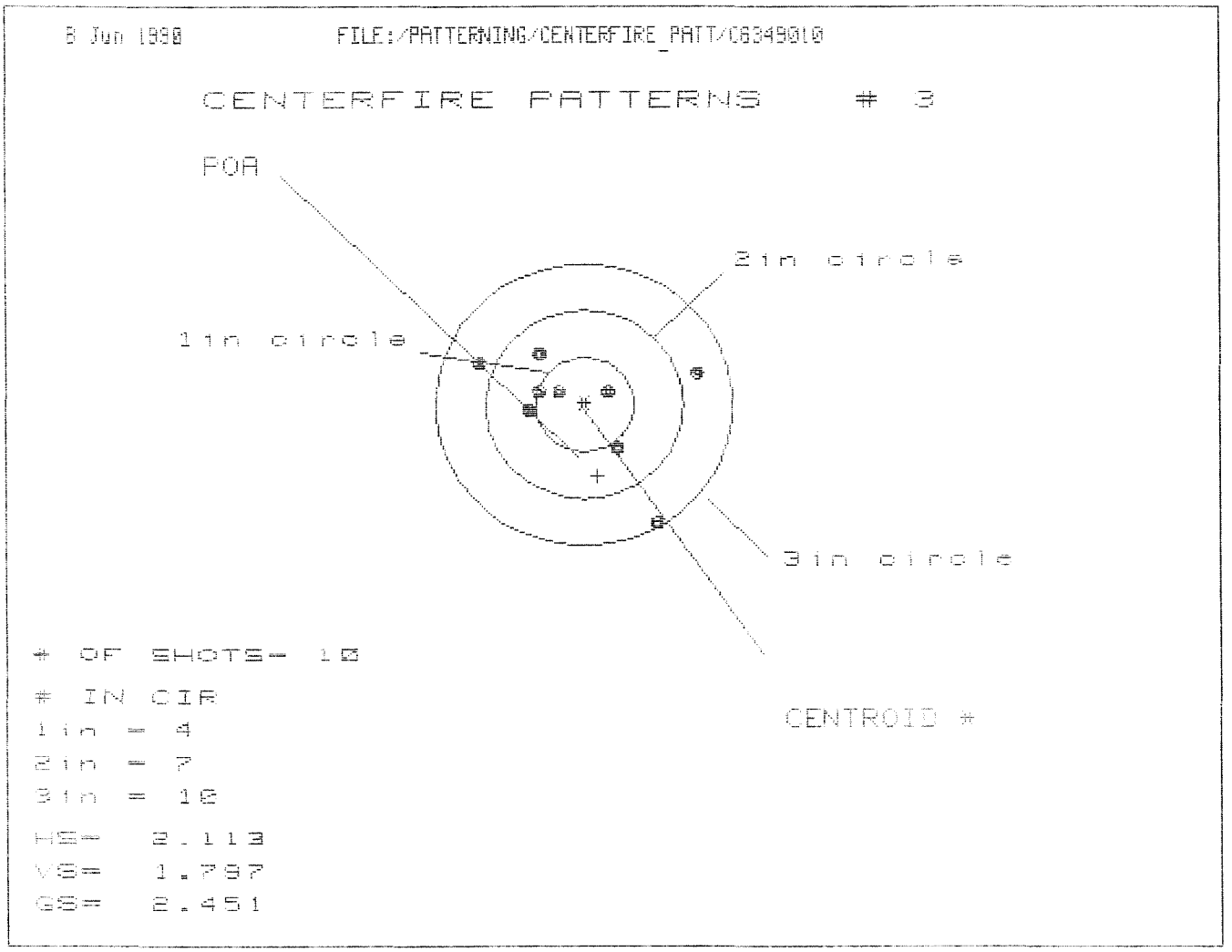
THE AMR FOR THIS RIFLE IS: .9392



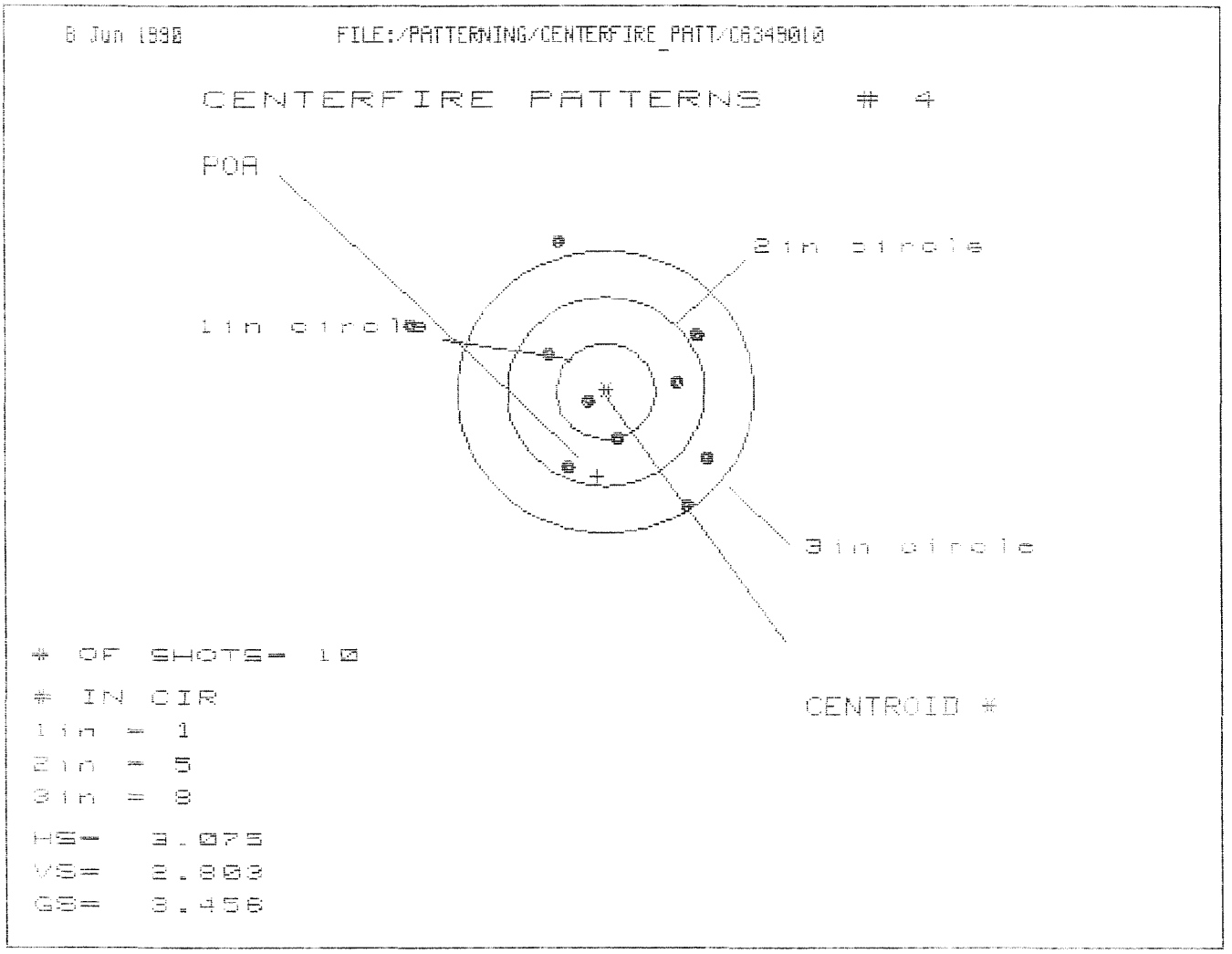
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.535	1.515	1.528
MINIMUM X	:	-.853	-.873	-.860
MAXIMUM Y	:	1.843	1.556	1.370
MINIMUM Y	:	-1.694	-1.489	-1.031
CENTROID X	:	-.426	-.406	-.419
CENTROID Y	:	.676	.471	.657
POA TO CENTROID in.	:	.799	.622	.780
MIN RADIUS	:	.090	.256	.095
MEAN RADIUS	:	1.085	.993	.913
MAX RADIUS	:	1.852	1.633	1.549
HORIZONTAL SPREAD	:	2.388	2.388	2.388
VERTICAL SPREAD	:	3.537	3.045	2.401
EXTREME SPREAD	:	3.551	3.105	2.667
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.545	1.161	1.057
MINIMUM X	:	-1.260	-1.088	-.943
MAXIMUM Y	:	1.420	1.058	.906
MINIMUM Y	:	-1.381	-1.224	-.615
CENTROID X	:	-.575	-.747	-.892
CENTROID Y	:	.175	.018	.170
POA TO CENTROID in.	:	.602	.747	.908
MIN RADIUS	:	.186	.419	.476
MEAN RADIUS	:	1.079	.975	.881
MAX RADIUS	:	2.099	1.687	1.128
HORIZONTAL SPREAD	:	2.805	2.249	2.000
VERTICAL SPREAD	:	2.801	2.282	1.521
EXTREME SPREAD	:	3.363	2.897	2.060
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



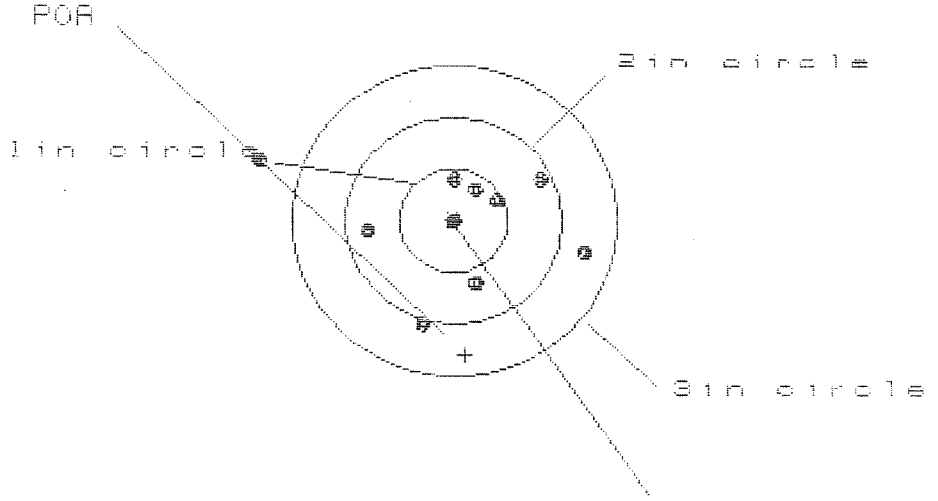
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.085	1.171	.592
MINIMUM X	:	-1.028	-.942	-.796
MAXIMUM Y	:	.525	.384	.407
MINIMUM Y	:	-1.272	-.627	-.604
CENTROID X	:	-.135	-.221	-.367
CENTROID Y	:	.759	.901	.878
POA TO CENTROID in.	:	.771	.927	.952
MIN RADIUS	:	.268	.184	.073
MEAN RADIUS	:	.687	.570	.464
MAX RADIUS	:	1.488	1.185	.846
HORIZONTAL SPREAD	:	2.113	2.113	1.388
VERTICAL SPREAD	:	1.797	1.011	1.011
EXTREME SPREAD	:	2.451	2.114	1.641
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.046	.821	.732
MINIMUM X	:	-2.029	-.771	-.860
MAXIMUM Y	:	1.557	1.640	.866
MINIMUM Y	:	-1.246	-1.163	-.958
CENTROID X	:	.080	.305	.394
CENTROID Y	:	.898	.815	.610
POA TO CENTROID in.	:	.901	.871	.727
MIN RADIUS	:	.266	.435	.271
MEAN RADIUS	:	1.070	.926	.790
MAX RADIUS	:	2.159	1.789	1.090
HORIZONTAL SPREAD	:	3.075	1.592	1.592
VERTICAL SPREAD	:	2.803	2.803	1.824
EXTREME SPREAD	:	3.456	3.085	2.112
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Jun 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6345010

CENTERFIRE PATTERNS # 5



OF SHOTS= 10
CENTROID #

# IN CIR
1in = 4
2in = 7
3in = 9

HS= 3.009
VS= 1.511
GS= 3.130

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.048	.762
MINIMUM X	:	-1.765	-.947	-.816
MAXIMUM Y	:	.559	.508	.478
MINIMUM Y	:	-.952	-.890	-.920
CENTROID X	:	-.103	.093	-.038
CENTROID Y	:	1.299	1.237	1.267
POA TO CENTROID in.	:	1.303	1.240	1.268
MIN RADIUS	:	.006	.211	.078
MEAN RADIUS	:	.775	.654	.582
MAX RADIUS	:	1.851	1.076	.998
HORIZONTAL SPREAD	:	3.009	1.995	1.578
VERTICAL SPREAD	:	1.511	1.398	1.398
EXTREME SPREAD	:	3.130	2.005	1.769
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	