C6523518

MODEL 700™ M24

Model SWS ™

Action

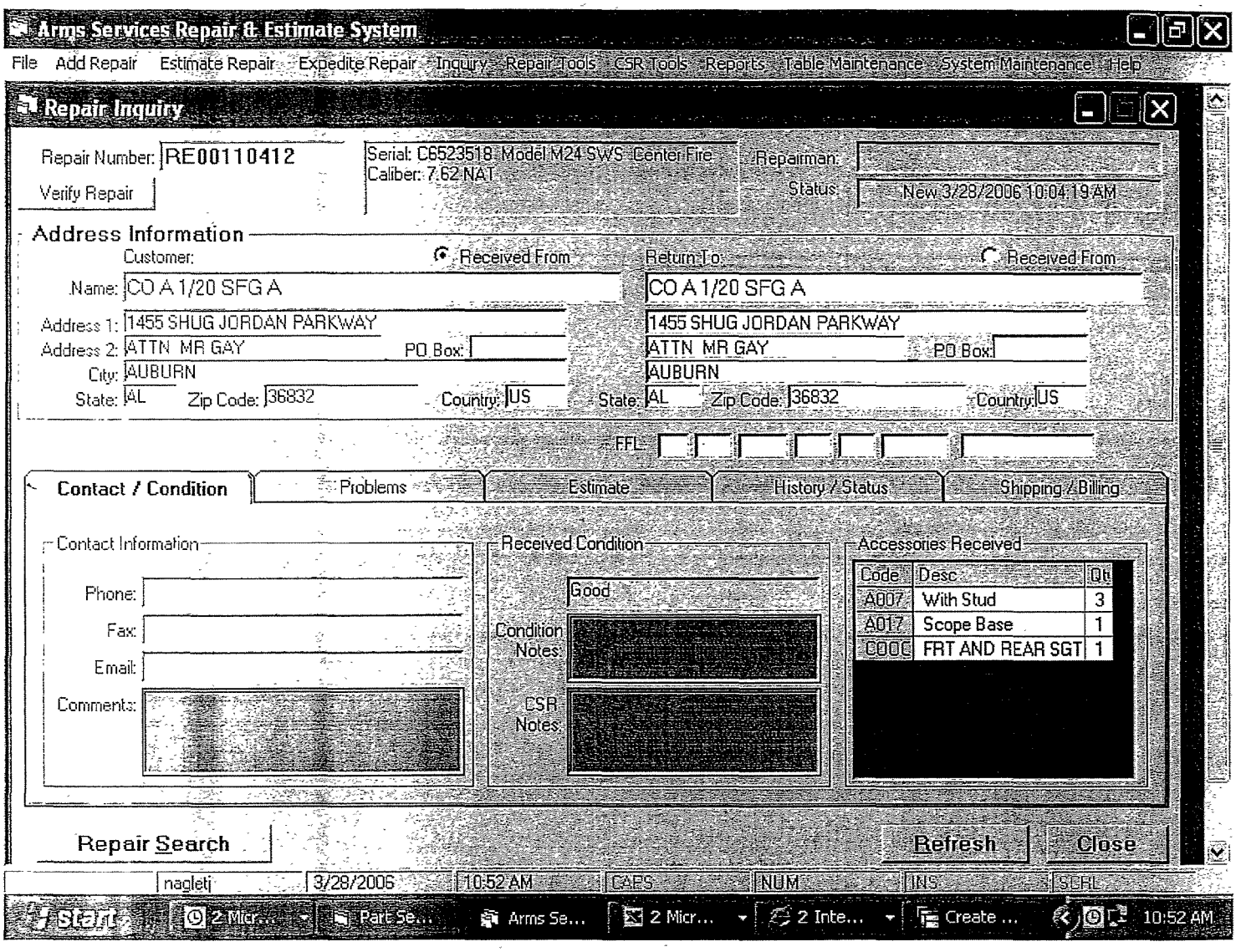
Barrel Length

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: RE00110412
Verify Repair
Serial: C6523518 Model M24 SWS Center Fire
Caliber: 7.62 NAT
Repairman:
Status: New 3/28/2006 10:04:19 AM
Address Information
Customer:
Received From
Name: CO A 1/20 SFG A
Address 1: 1455 SHUG JORDAN PARKWAY
Address 2: ATTN MR GAY
PO Box:
City: AUBURN
State: AL
Zip Code: 36832
Country: US
Return To:
Received From
CO A 1/20 SFG A
1455 SHUG JORDAN PARKWAY
ATTN MR GAY
PO Box:
AUBURN
State: AL
Zip Code: 36832
Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A017 Scope Base 1
C00C FRT AND REAR SGT 1
Repair Search
Refresh
Close
nagletj
3/28/2006
10:52 AM
CAPS
NUM
INS
SCRL
Start
2 Micr...
Part Se...
Arms Se...
2 Micr...
2 Inte...
Create ...
10:52 AM


Serial Number: C6523518
Model: M24 SWS
RE00110412

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523518.__0
FILE DATE AND TIME: 04/12/2006 14:32

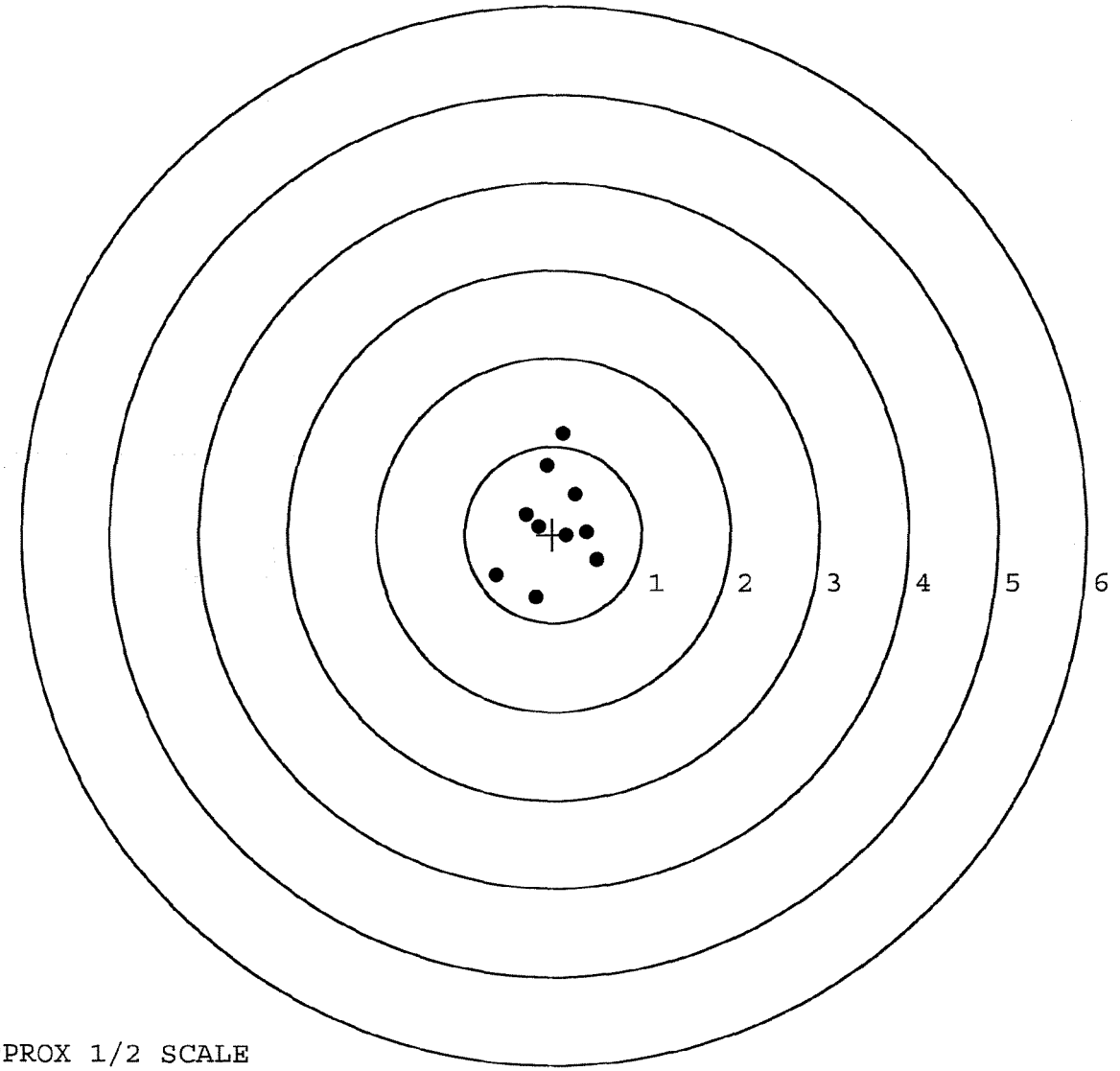
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.109
The Average Y Centroid of the Five Target Set:	0.013
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.123
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.608
The Distance from Centroid Target #4 to Centroid Target #1:	0.105
The Distance from Centroid Target #5 to Centroid Target #1:	0.135

SERIAL NUMBER: C6523518.__0
TARGET NUMBER: 1
FILE DATE: 04/12/2006
FILE TIME: 14:32

X CENTROID:	0.001
Y CENTROID:	0.123
POA TO CENTROID:	0.123
HORZ SPREAD:	1.145
VERT SPREAD:	1.875
GROUP SPREAD:	1.899
MIN RADIUS:	0.165
MAX RADIUS:	1.036
MEAN RADIUS:	0.560
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.111	1.153
2:	-0.078	0.785
3:	-0.310	0.222
4:	-0.160	0.089
5:	0.252	0.455
6:	0.386	0.023
7:	0.499	-0.295
8:	-0.190	-0.722
9:	-0.646	-0.467
10:	0.148	-0.016

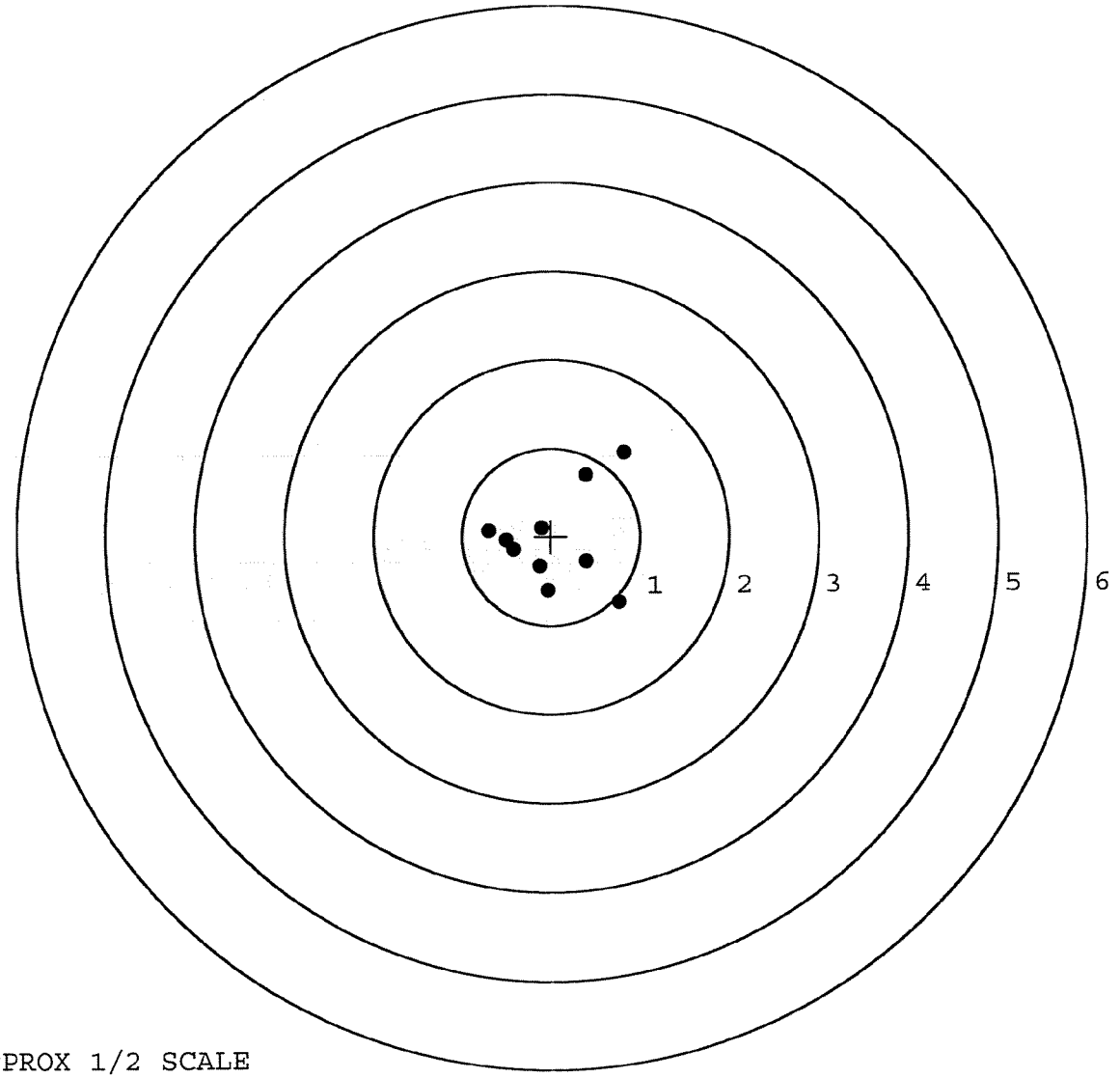


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523518.__0
TARGET NUMBER: 2
FILE DATE: 04/12/2006
FILE TIME: 14:32

X CENTROID:	0.047
Y CENTROID:	-0.037
POA TO CENTROID:	0.060
HORZ SPREAD:	1.522
VERT SPREAD:	1.692
GROUP SPREAD:	1.783
MIN RADIUS:	0.208
MAX RADIUS:	1.254
MEAN RADIUS:	0.642
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.397	0.694
2:	0.822	0.950
3:	0.762	-0.742
4:	0.396	-0.283
5:	-0.035	-0.613
6:	-0.132	-0.336
7:	-0.425	-0.153
8:	-0.112	0.097
9:	-0.501	-0.046
10:	-0.700	0.066

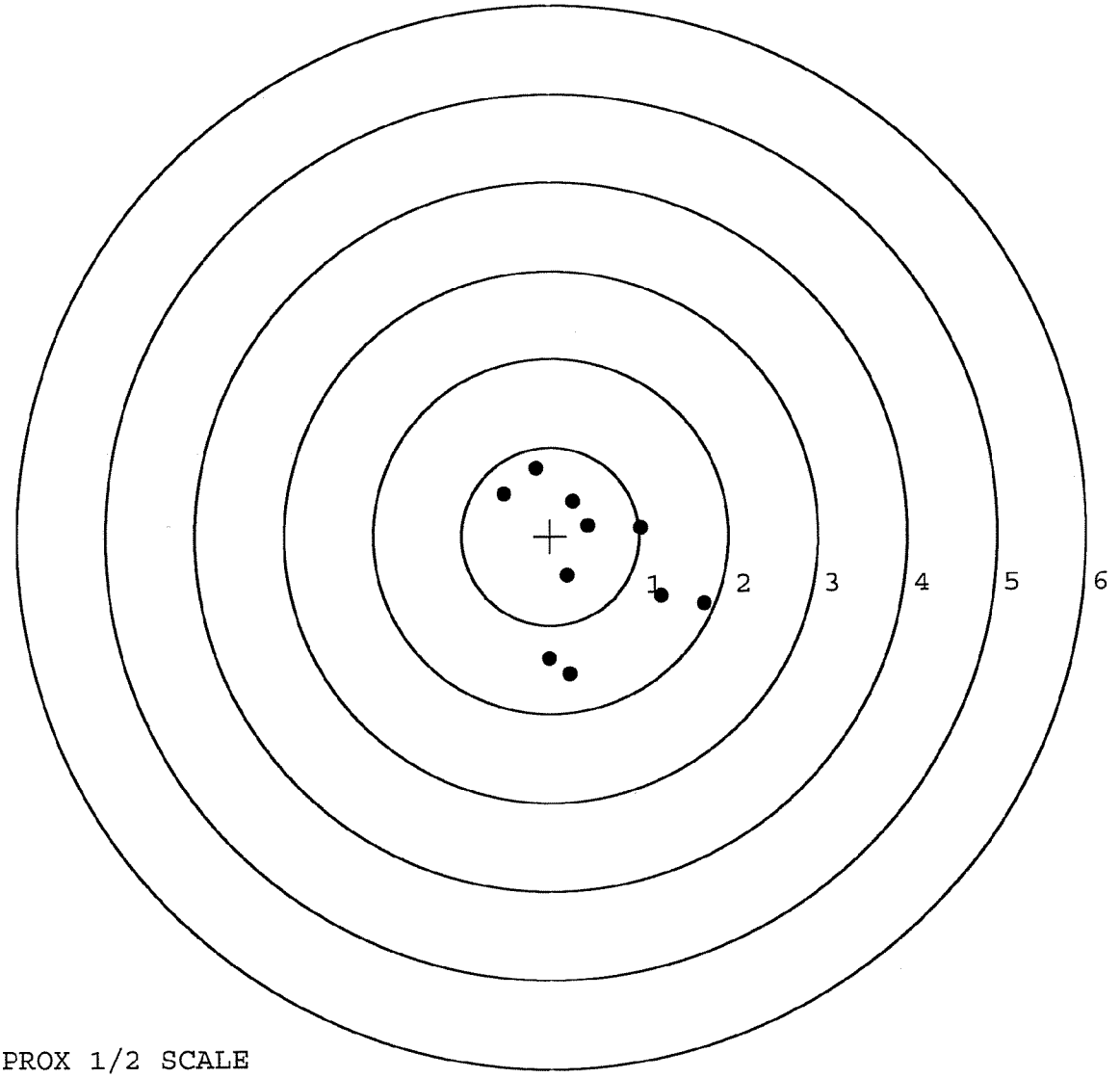


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523518.__0
TARGET NUMBER: 3
FILE DATE: 04/12/2006
FILE TIME: 14:32

X CENTROID:	0.437
Y CENTROID:	-0.301
POA TO CENTROID:	0.530
HORZ SPREAD:	2.245
VERT SPREAD:	2.323
GROUP SPREAD:	2.570
MIN RADIUS:	0.284
MAX RADIUS:	1.368
MEAN RADIUS:	0.928
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.255	0.387
2:	0.422	0.115
3:	0.193	-0.447
4:	-0.162	0.764
5:	-0.524	0.480
6:	-0.017	-1.383
7:	0.215	-1.559
8:	1.016	0.087
9:	1.246	-0.686
10:	1.721	-0.771

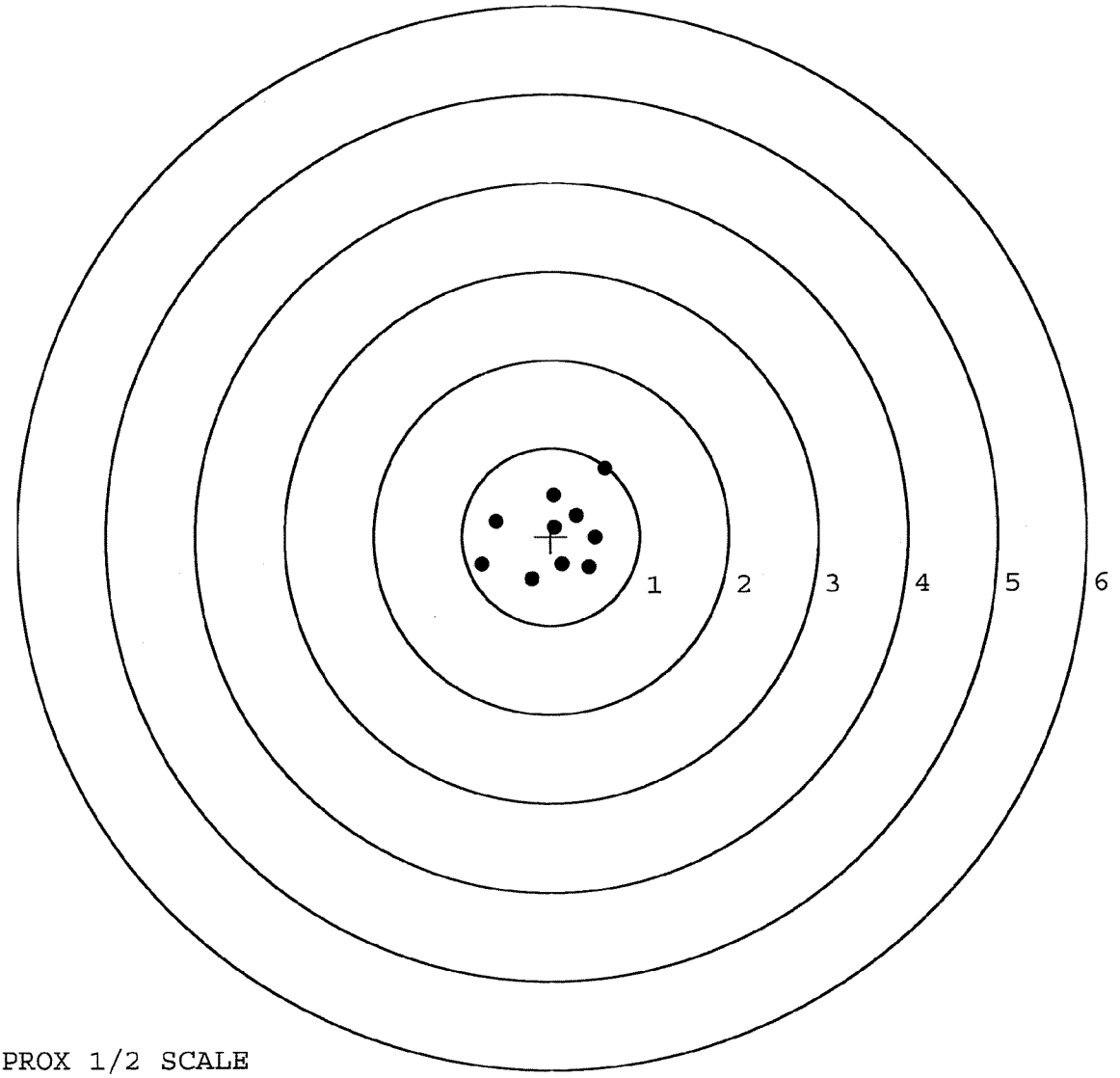


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523518.__0
TARGET NUMBER: 4
FILE DATE: 04/12/2006
FILE TIME: 14:32

X CENTROID:	0.042
Y CENTROID:	0.026
POA TO CENTROID:	0.049
HORZ SPREAD:	1.391
VERT SPREAD:	1.247
GROUP SPREAD:	1.762
MIN RADIUS:	0.075
MAX RADIUS:	0.934
MEAN RADIUS:	0.526
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.612	0.766
2:	0.034	0.463
3:	0.287	0.239
4:	0.499	-0.019
5:	0.429	-0.347
6:	0.133	-0.314
7:	-0.219	-0.481
8:	-0.779	-0.316
9:	-0.619	0.167
10:	0.042	0.101

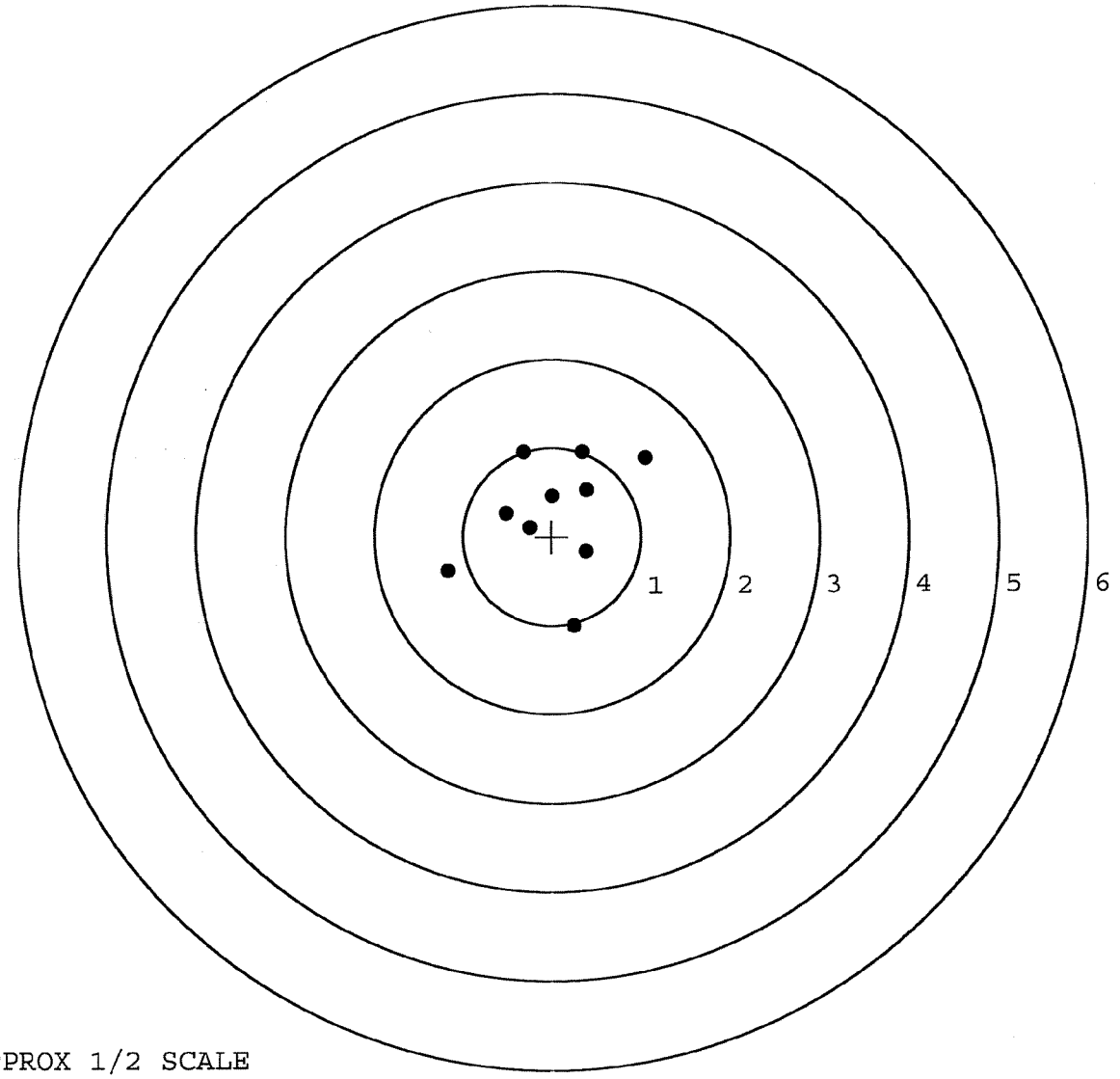


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523518.__0
TARGET NUMBER: 5
FILE DATE: 04/12/2006
FILE TIME: 14:32

X CENTROID:	0.018
Y CENTROID:	0.256
POA TO CENTROID:	0.257
HORZ SPREAD:	2.219
VERT SPREAD:	1.960
GROUP SPREAD:	2.558
MIN RADIUS:	0.198
MAX RADIUS:	1.351
MEAN RADIUS:	0.745
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

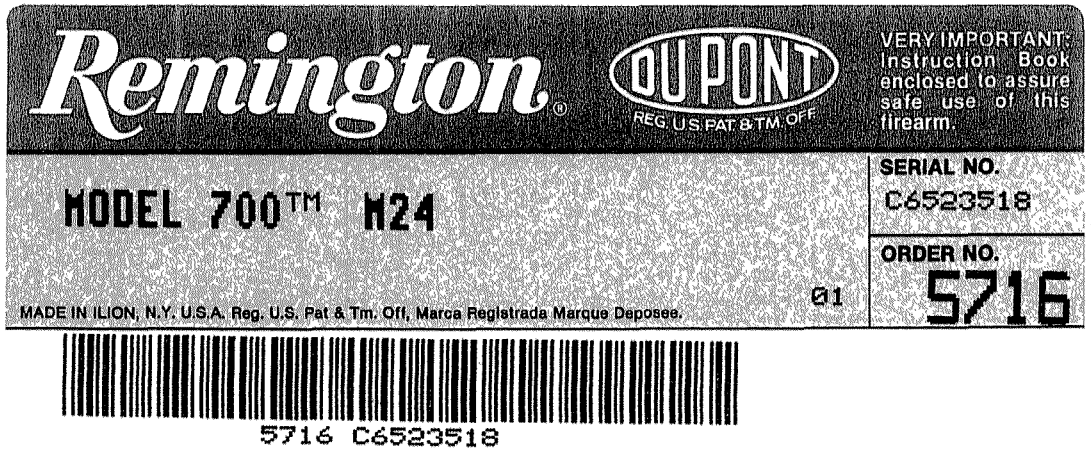
POINT#	X	Y
1:	-0.247	0.101
2:	-0.514	0.266
3:	0.008	0.454
4:	0.391	0.523
5:	0.382	-0.173
6:	0.253	-1.007
7:	-1.169	-0.389
8:	-0.319	0.953
9:	0.345	0.952
10:	1.050	0.884



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	110412		
SERIAL NUMBER	C6523518		
LOG-IN DATE	3-28-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITL
550	DIS-ASSEMBLE GUN	3-29-06	RTC
560 A	RE-BARREL	4-3-06	RTC
B	DRILL AND TAP	~~4-4-06~~ TRW RTC	
575	ASSEMBLE	4-4-06	RTC
600	PROOF MAGNA-FLUX INSPECTED	4-4-06	TRW
605	CHECK HEADSPACE	4-4-06	TRW
610	DIS-ASSEMBLE GUN	4-4-06	RTC
612	MAGNAFLUX APD	4-5-06	APD
615	ROLLMARK CALIBER	4-5-06	CW
618	ROTO-BLAST	4-5-06	UB
620	APPLY COATINGS	4/6/06	UB
625 A	FINAL ASSEMBLY	4-10-06	RTC
B	TRIGGER PULL TEST	N/A	AC
C	SAFETY "ON" FORCE	4-13-06	AC
D	SAFETY "OFF" FORCE	4-13-06	AC
E	FIRING PIN INDENT	4-13-06	AC
640	TARGET	4-12-06	APD
655	FINAL INSPECT	4-13-06	AC
660	PACK	4/19/06	QA
		SHIP DATE	
	QAR INSPECTION DATE		



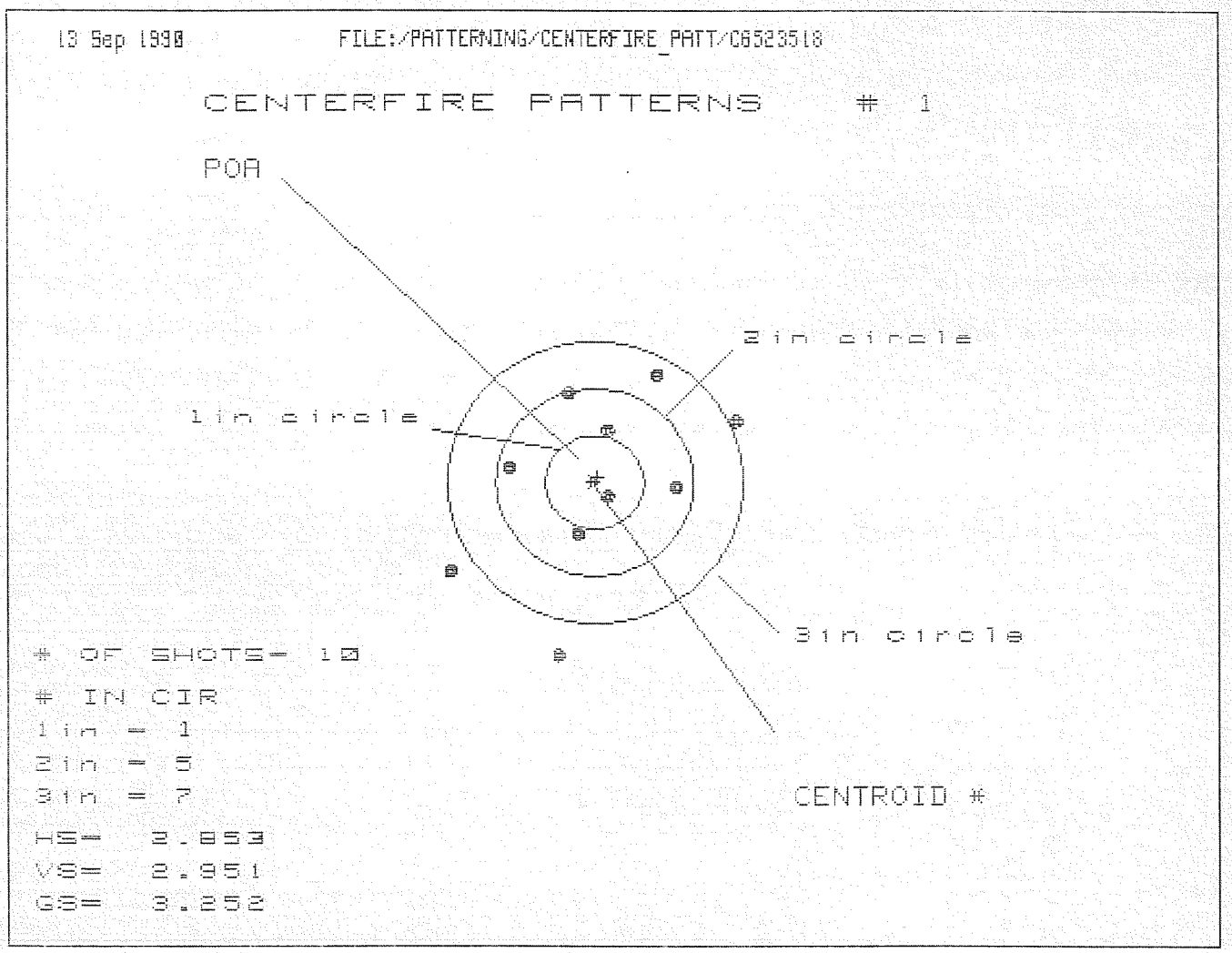
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523518
14 Sep 1990

CENTROIDAL DISTANCES

0	TO	1	.0632851
1	TO	2	.117154
1	TO	3	.237118
1	TO	4	.370228
1	TO	5	.386264

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1574
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0538
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .166041

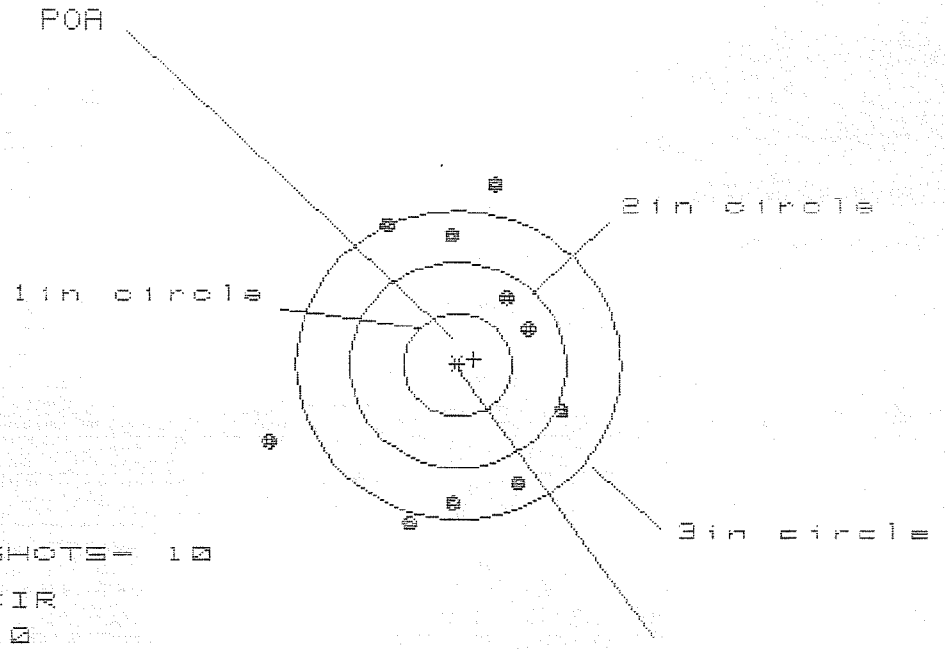
THE AMP FOR THIS RIFLE IS: 1.203



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.389	1.350	1.162
MINIMUM X	:	-1.464	-1.503	-1.127
MAXIMUM Y	:	1.144	.943	.805
MINIMUM Y	:	-1.807	-1.110	-.896
CENTROID X	:	-.033	.006	.194
CENTROID Y	:	-.054	.147	.285
POA TO CENTROID in.	:	.064	.147	.345
MIN RADIUS	:	.193	.347	.198
MEAN RADIUS	:	1.048	.943	.803
MAX RADIUS	:	1.841	1.868	1.203
HORIZONTAL SPREAD	:	2.853	2.853	2.289
VERTICAL SPREAD	:	2.951	2.053	1.701
EXTREME SPREAD	:	3.252	3.252	2.339
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

13 Sep 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523510

CENTERFIRE PATTERNS # 2

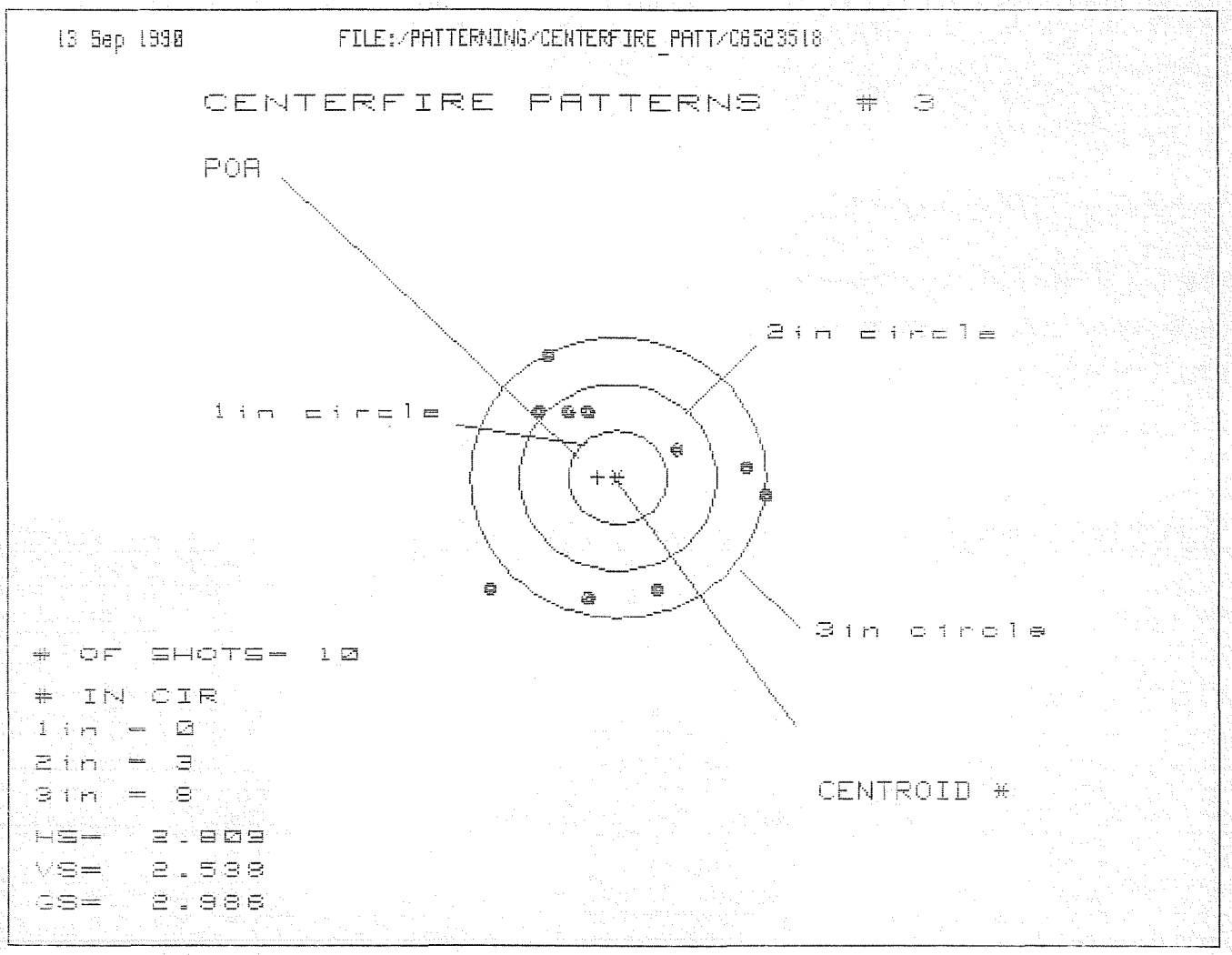


OF SHOTS= 10

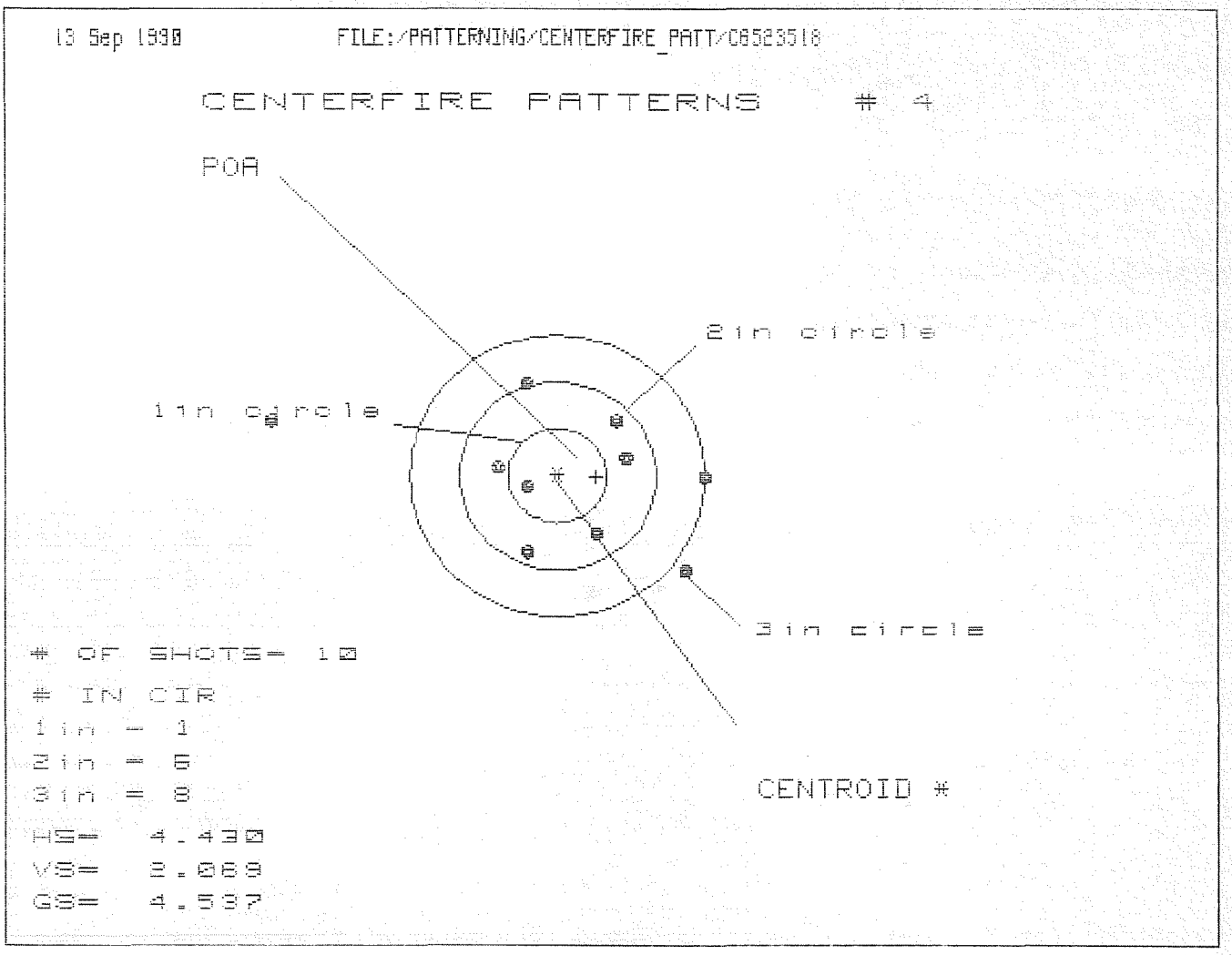
# IN CIR
1in = 0
2in = 2
3in = 7

HS= 2.712
VS= 3.264
GS= 3.359

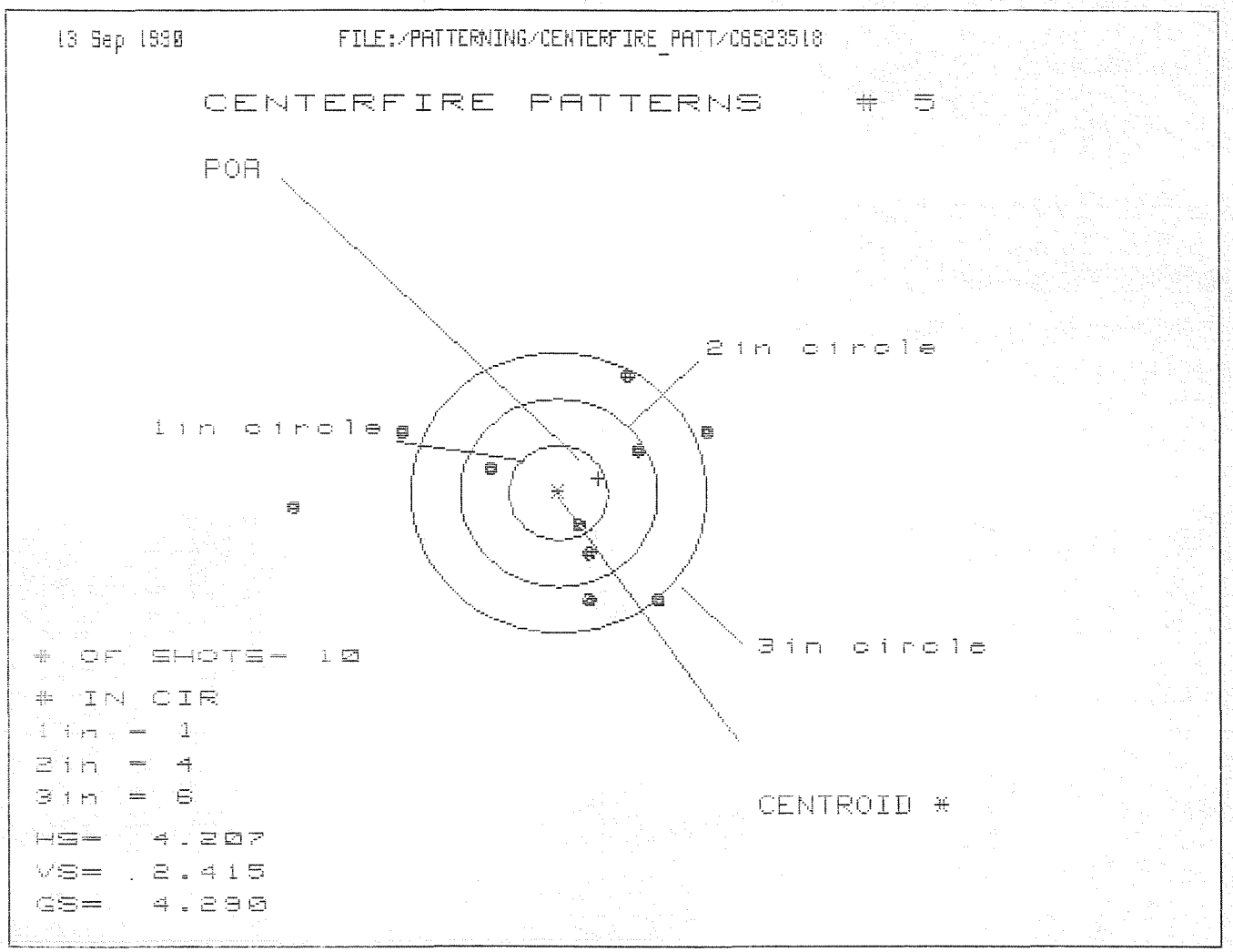
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.922	.724	.740
MINIMUM X	:	-1.790	-.835	-.819
MAXIMUM Y	:	1.714	1.627	1.453
MINIMUM Y	:	-1.550	-1.637	-1.434
CENTROID X	:	-.150	.048	.032
CENTROID Y	:	-.060	.027	-.176
POA TO CENTROID in.	:	.162	.055	.179
MIN RADIUS	:	.719	.504	.647
MEAN RADIUS	:	1.324	1.207	1.158
MAX RADIUS	:	1.954	1.768	1.668
HORIZONTAL SPREAD	:	2.712	1.559	1.559
VERTICAL SPREAD	:	3.264	3.264	2.887
EXTREME SPREAD	:	3.359	3.359	2.892
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.361	1.355
MINIMUM X	:	-1.303	-.939	-.769
MAXIMUM Y	:	1.282	1.148	1.107
MINIMUM Y	:	-1.256	-1.390	-1.431
CENTROID X	:	.199	.344	.174
CENTROID Y	:	-.005	.129	.170
POA TO CENTROID in.	:	.199	.368	.243
MIN RADIUS	:	.701	.512	.624
MEAN RADIUS	:	1.209	1.118	1.062
MAX RADIUS	:	1.776	1.461	1.482
HORIZONTAL SPREAD	:	2.809	2.300	2.124
VERTICAL SPREAD	:	2.538	2.538	2.538
EXTREME SPREAD	:	2.986	2.754	2.754
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.482	1.155	1.274
MINIMUM X	:	-2.948	-.934	-.815
MAXIMUM Y	:	1.036	1.105	.984
MINIMUM Y	:	-1.033	-.964	-.899
CENTROID X	:	-.398	-.070	-.189
CENTROID Y	:	.008	-.061	.060
POA TO CENTROID in.	:	.398	.093	.198
MIN RADIUS	:	.325	.467	.515
MEAN RADIUS	:	1.133	.896	.827
MAX RADIUS	:	3.012	1.354	1.275
HORIZONTAL SPREAD	:	4.430	2.089	2.089
VERTICAL SPREAD	:	2.069	2.069	1.883
EXTREME SPREAD	:	4.537	2.612	2.090
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.498	1.197	.966
MINIMUM X	:	-2.709	-1.852	-1.208
MAXIMUM Y	:	1.283	1.265	1.347
MINIMUM Y	:	-1.132	-1.150	-1.068
CENTROID X	:	-.405	-.104	.127
CENTROID Y	:	-.158	-.140	-.222
POA TO CENTROID in.	:	.435	.174	.256
MIN RADIUS	:	.401	.363	.414
MEAN RADIUS	:	1.299	1.094	.959
MAX RADIUS	:	2.714	1.966	1.354
HORIZONTAL SPREAD	:	4.207	3.049	2.174
VERTICAL SPREAD	:	2.415	2.415	2.415
EXTREME SPREAD	:	4.290	3.165	2.444
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523518
DATE 9/12/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.44	2.44	2.60	MIN. SETTING,
PULL #2	2.26	2.56	2.54	2.55	NO AVG. OF 5
PULL #3	2.41	2.55	2.53	2.62	READINGS ACCEPT-
PULL #4	2.50	2.56	2.43	2.53	ABLE LESS THAN 2#
PULL #5	2.45	2.51	2.37	2.44	
TOTAL	12.06	12.62	12.31	12.74	
AVG.	2.41	2.12	2.46	2.548	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.28		
PULL #2	3.07	3.19		
PULL #3	3.12	3.24		
PULL #4	3.11	3.29		
PULL #5	3.12	3.27		
TOTAL	15.44	16.27		
AVG.	3.09	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.04		3.85
PULL #2	4.00	4.01		3.84
PULL #3	4.02	4.05		3.88
PULL #4	4.07	4.03		3.82
PULL #5	3.95	4.05		3.90
TOTAL	20.18	20.18		19.29
AVG.	4.03	4.03		3.86

CAR-TEC

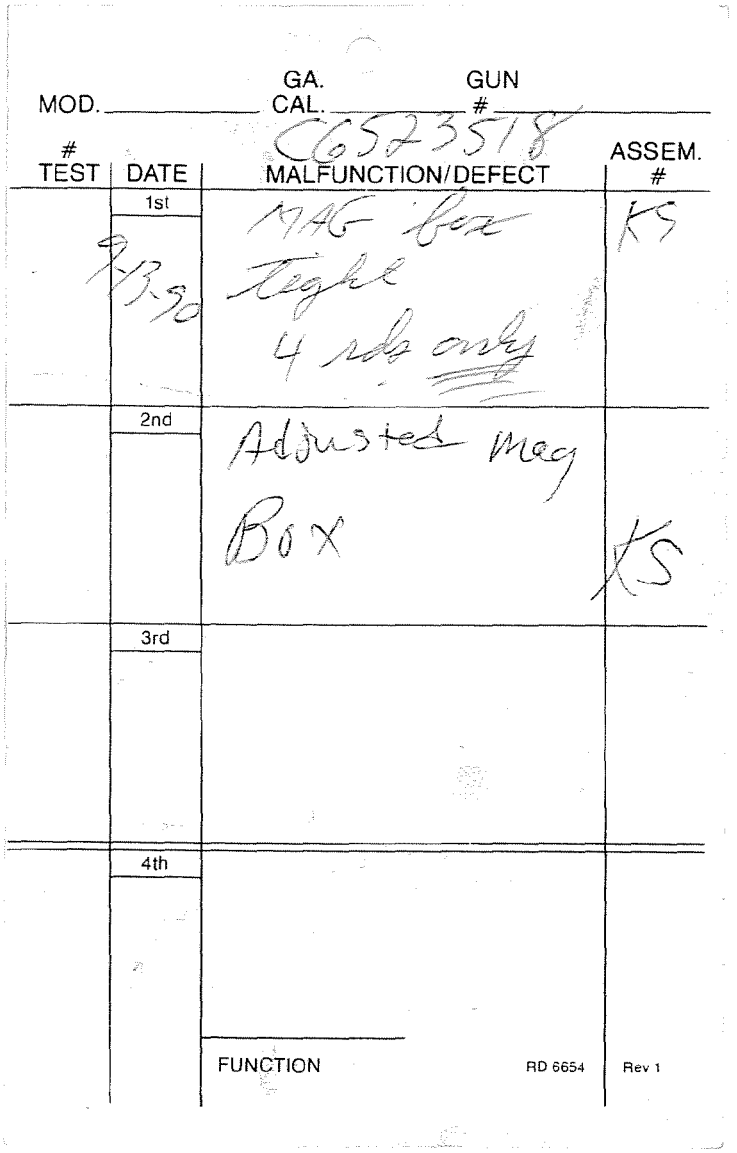
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523518

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCR
	Magnaflux Bolt		8/21/90	KCR
615	Rollmark Caliber		8/21/90	GS
617	Drill and Tap Sight Holes		8/22/90	RB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-21-90	DB
	Apply Coating (Bolt)		8-21-90	DB
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		9/12/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/12/90	WB
	G) Safety Off Force	7½	7½	7½			9/12/90	WB
	H) Trigger Pull Test & Retainability						9/12/90	WB
	I) Firing Pin Indent	.0225	.0225	.0225			9/12/90	WB
	J) Assemble Stock						9/12/90	KS
	K) Assemble Swivel Studs						9/15/90	RR
	L) Attach Front and Rear Sight Assemblies						9/12/90	KS
	M) Iron Sight Alignment						9/12/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/12/90	KS
	O) Attach Scope to Rifle						9/12/90	KS
	P) Detach & Attach Scope 20 Times						9/12/90	KS
640	Gallery Target & Test						9/13/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clearity of Scope						"	NF
645	Inspect for Live Ammo						9/13/90	NF
655	Final Inspection A) Headspace						9/15/90	RR
	B) Trigger Pull	2.60	2.55	2.62	2.53	2.44	9-15-90	RR
	C) Function						9/15/90	RR
660	Pack						9/19/90	NF



MOD. _____ GA. _____ CAL. _____ GUN # C6523518

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	MAG lock Light 4 rds only	KS
	2nd	Adjusted Mag Box	KS
	3rd		
	4th		

FUNCTION RD 6654 Rev 1