20 C6498775 RS

MODEL 700TM

DUPONT **RECORDS CONTROL SCHEDULE**

RECORDS CATEGORY OR TITLE: [redacted]

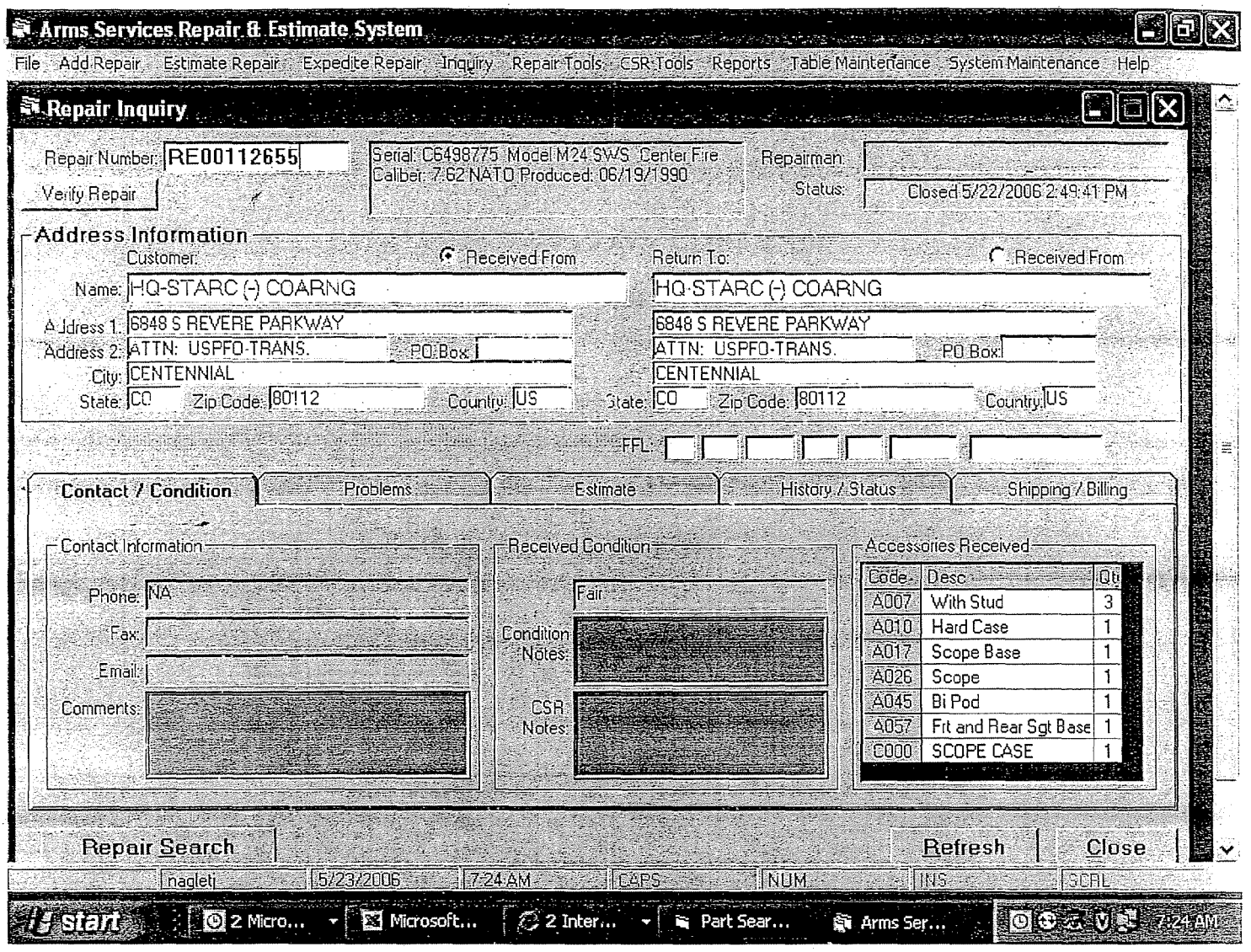
1980

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: [redacted]

GS-11050 Rev. 8/78

20 C6498775
RS
MODEL 700™ M24
Model 5A6 ™
Action
Barrel Length
Capacity
Order No. 5716
*Includes 1 in chamber.
Remington



Serial Number: C6498775

Model: M24 SWS

RE00112655

AVERAGE PULL FORCE BETWEEN
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 6-2-06

TESTER R.B.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.45		2.52	
PULL #2	2.57	2.49		2.48	
PULL #3	2.64	2.44		2.61	
PULL #4	2.47	2.41		2.60	
PULL #5	2.41	2.44		2.46	
TOTAL	12.62	12.23		12.67	
AVERAGE	2.52	2.44		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.04		
PULL #2	3.13	3.02		
PULL #3	2.95	3.02		
PULL #4	2.97	3.19		
PULL #5	3.02	2.97		
TOTAL	15.12	15.24		
AVERAGE	3.02	3.04		

	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	4.13	3.97		4.01
PULL #2	4.10	4.10		3.97
PULL #3	4.04	3.97		4.00
PULL #4	4.00	4.01		4.03
PULL #5	4.06	4.06		3.98
TOTAL	20.33	20.11		19.99
AVERAGE	4.06	4.02		3.99

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498775.__0
FILE DATE AND TIME: 06/14/2006 16:17

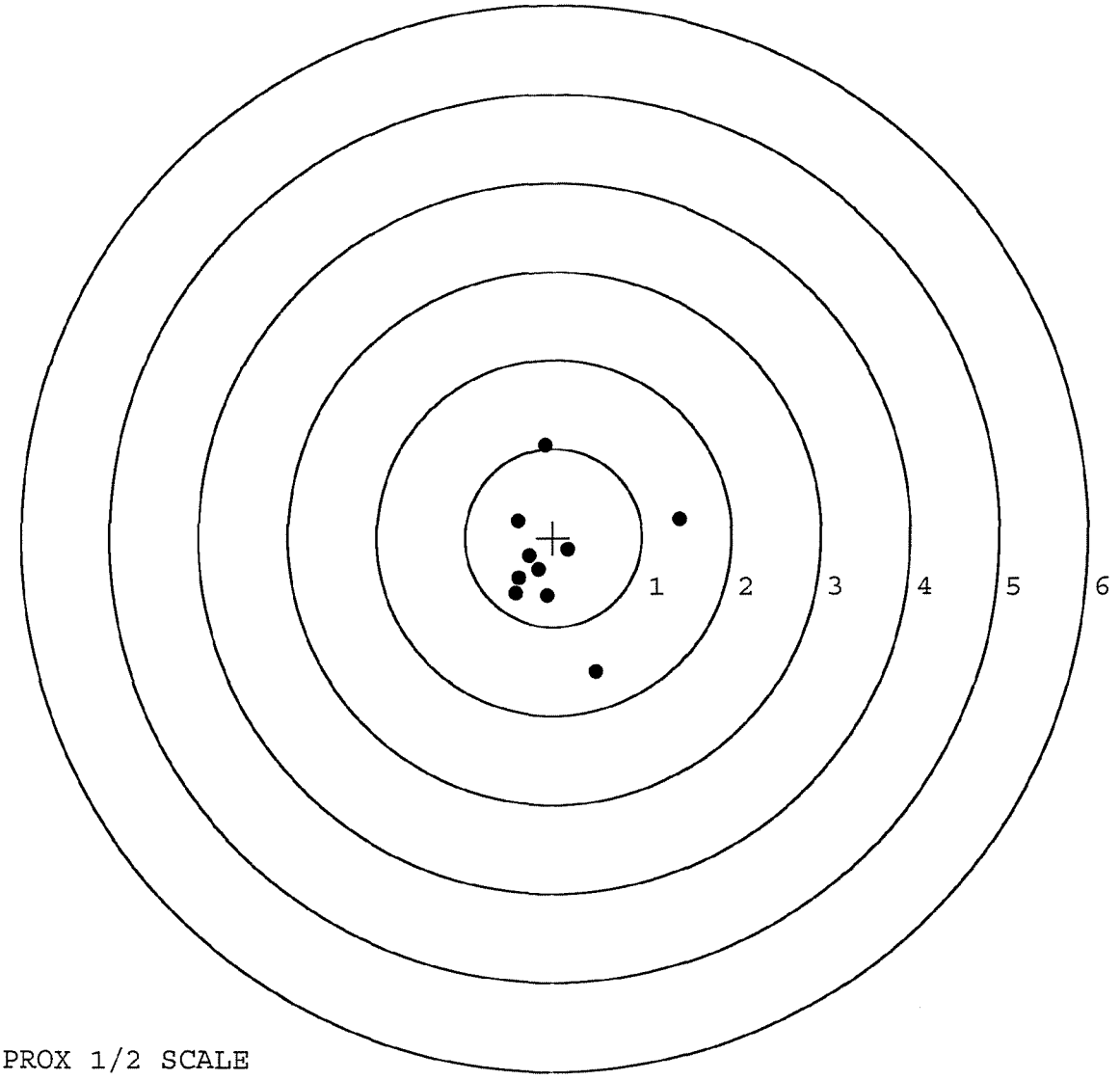
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.113
The Average Y Centroid of the Five Target Set:	-0.102
The Average Point of Impact of the Five Target Set:	0.152
The Average Mean Radius of the Five Target Set:	0.846
The Distance from POA to Centroid Target #1:	0.257
The Distance from Centroid Target #2 to Centroid Target #1:	0.326
The Distance from Centroid Target #3 to Centroid Target #1:	0.159
The Distance from Centroid Target #4 to Centroid Target #1:	0.280
The Distance from Centroid Target #5 to Centroid Target #1:	0.228

SERIAL NUMBER: C6498775.__0
TARGET NUMBER: 1
FILE DATE: 06/14/2006
FILE TIME: 16:17

X CENTROID:	0.024
Y CENTROID:	-0.256
POA TO CENTROID:	0.257
HORZ SPREAD:	1.844
VERT SPREAD:	2.548
GROUP SPREAD:	2.027
MIN RADIUS:	0.186
MAX RADIUS:	1.468
MEAN RADIUS:	0.688
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.099	1.039
2:	1.419	0.203
3:	0.482	-1.509
4:	-0.425	-0.639
5:	-0.071	-0.658
6:	-0.387	-0.460
7:	-0.171	-0.364
8:	-0.268	-0.211
9:	-0.406	0.181
10:	0.169	-0.139

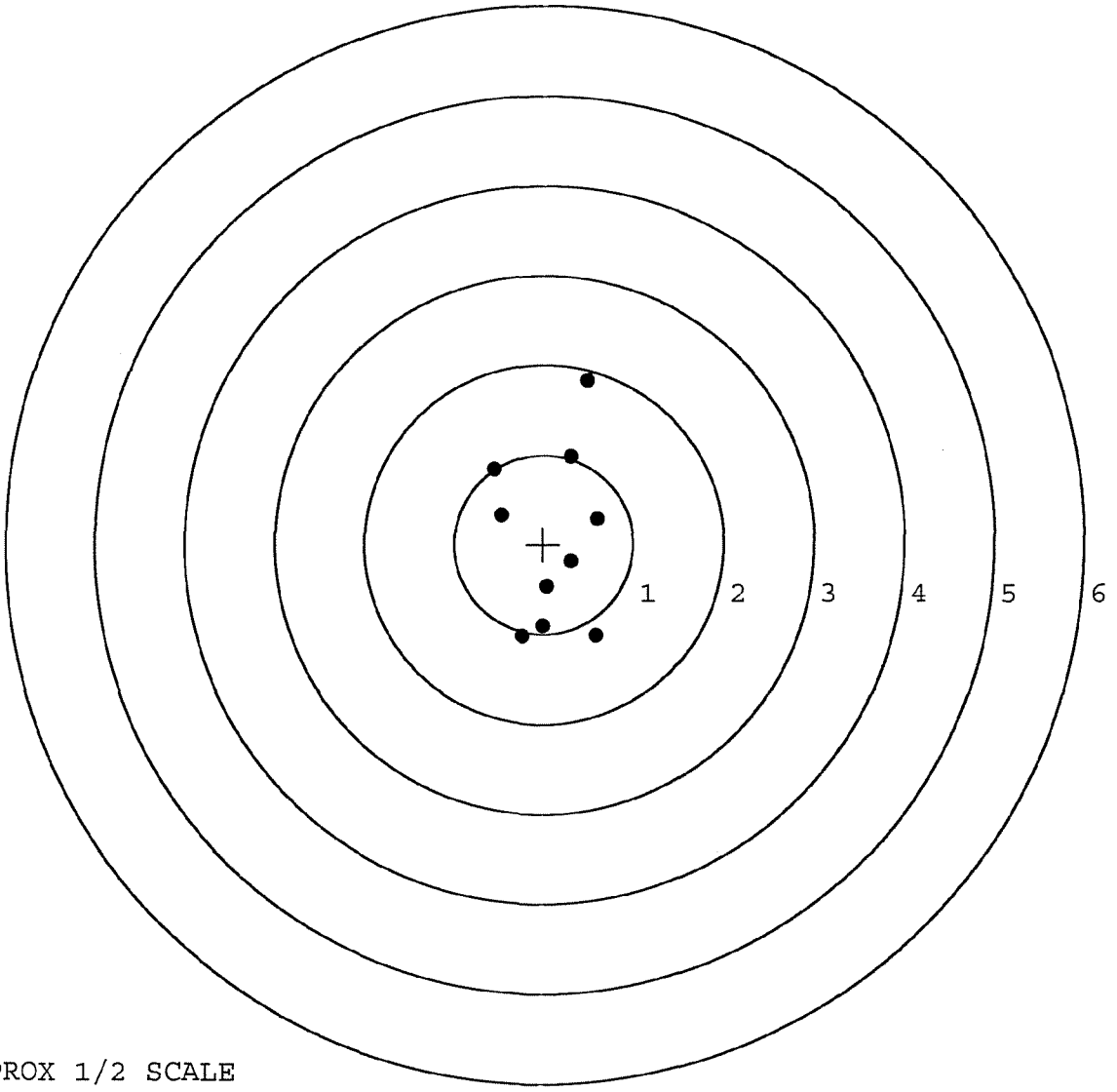


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498775.__0
TARGET NUMBER: 2
FILE DATE: 06/14/2006
FILE TIME: 16:17

X CENTROID:	0.105
Y CENTROID:	0.060
POA TO CENTROID:	0.121
HORZ SPREAD:	1.150
VERT SPREAD:	2.851
GROUP SPREAD:	2.942
MIN RADIUS:	0.327
MAX RADIUS:	1.805
MEAN RADIUS:	0.913
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.556	0.839
2:	-0.479	0.320
3:	0.489	1.824
4:	0.304	0.982
5:	0.594	0.281
6:	0.310	-0.194
7:	0.042	-0.480
8:	-0.239	-1.027
9:	-0.007	-0.920
10:	0.591	-1.024

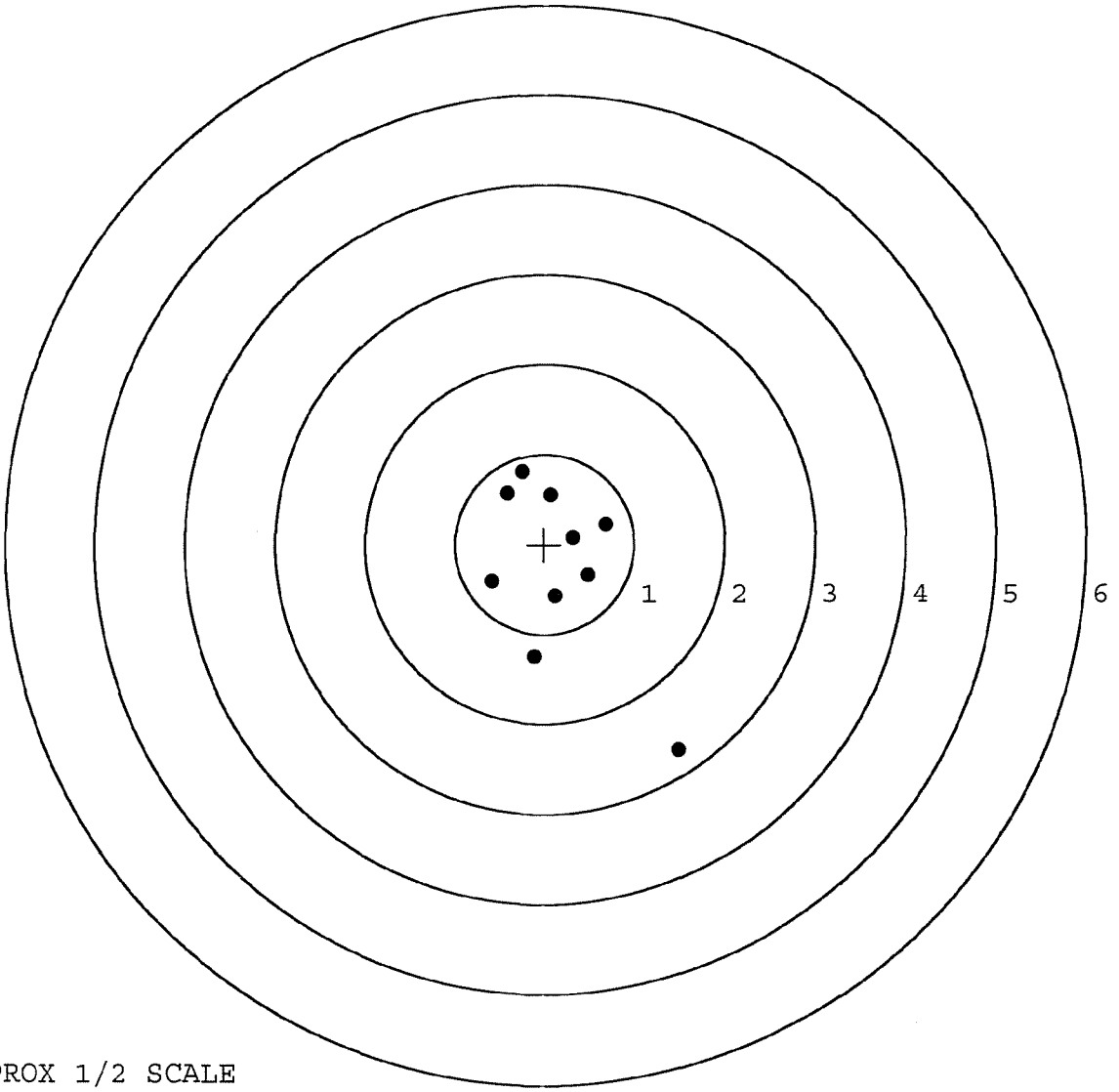


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498775.__0
TARGET NUMBER: 3
FILE DATE: 06/14/2006
FILE TIME: 16:17

X CENTROID:	0.183
Y CENTROID:	-0.267
POA TO CENTROID:	0.324
HORZ SPREAD:	2.076
VERT SPREAD:	3.103
GROUP SPREAD:	3.559
MIN RADIUS:	0.312
MAX RADIUS:	2.415
MEAN RADIUS:	0.893
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.416	0.565
2:	-0.249	0.807
3:	0.073	0.547
4:	0.322	0.076
5:	0.681	0.222
6:	0.490	-0.346
7:	0.124	-0.574
8:	-0.582	-0.416
9:	-0.108	-1.258
10:	1.494	-2.296

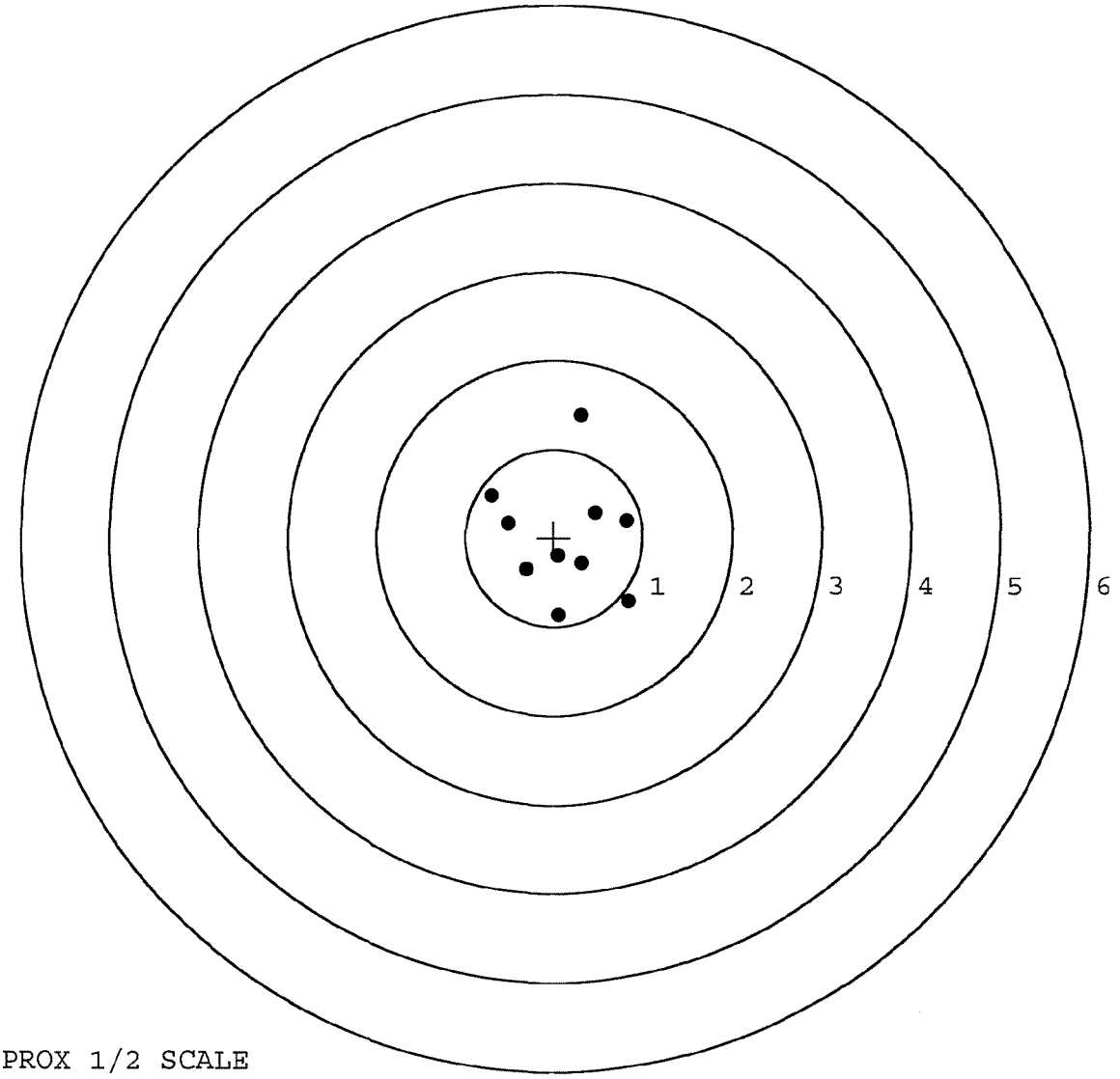


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498775.__0
TARGET NUMBER: 4
FILE DATE: 06/14/2006
FILE TIME: 16:17

X CENTROID:	0.130
Y CENTROID:	0.003
POA TO CENTROID:	0.130
HORZ SPREAD:	1.548
VERT SPREAD:	2.263
GROUP SPREAD:	2.277
MIN RADIUS:	0.225
MAX RADIUS:	1.393
MEAN RADIUS:	0.722
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.305	1.385
2:	-0.708	0.479
3:	-0.521	0.163
4:	-0.311	-0.363
5:	0.054	-0.878
6:	0.047	-0.206
7:	0.319	-0.292
8:	0.840	-0.724
9:	0.462	0.281
10:	0.817	0.189

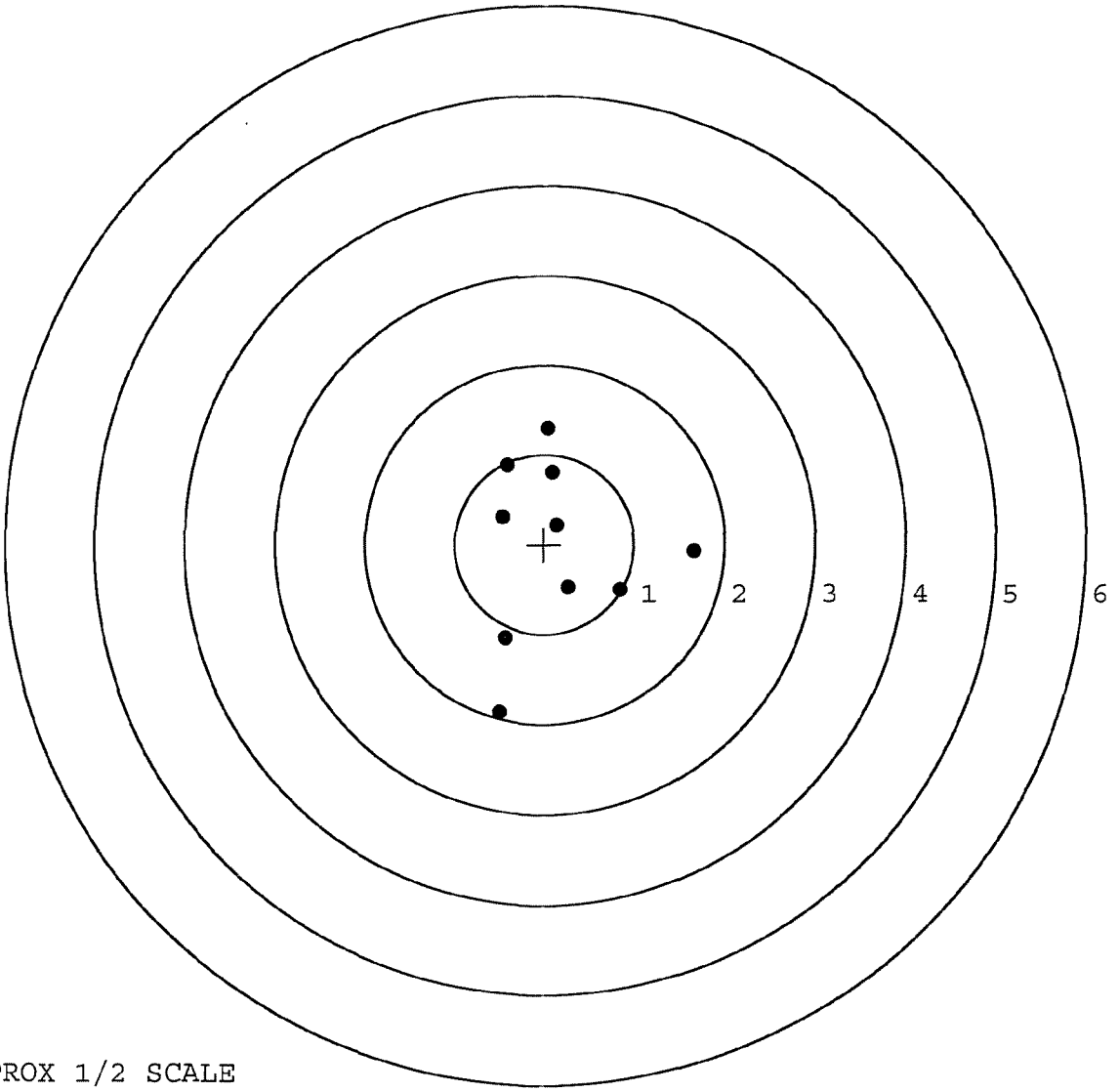


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498775.__0
TARGET NUMBER: 5
FILE DATE: 06/14/2006
FILE TIME: 16:17

X CENTROID:	0.124
Y CENTROID:	-0.050
POA TO CENTROID:	0.134
HORZ SPREAD:	2.150
VERT SPREAD:	3.164
GROUP SPREAD:	3.208
MIN RADIUS:	0.267
MAX RADIUS:	1.925
MEAN RADIUS:	1.015
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.470	0.305
2:	-0.418	0.878
3:	0.041	1.289
4:	0.087	0.803
5:	0.136	0.217
6:	-0.488	-1.875
7:	-0.432	-1.047
8:	0.272	-0.484
9:	0.848	-0.513
10:	1.662	-0.074

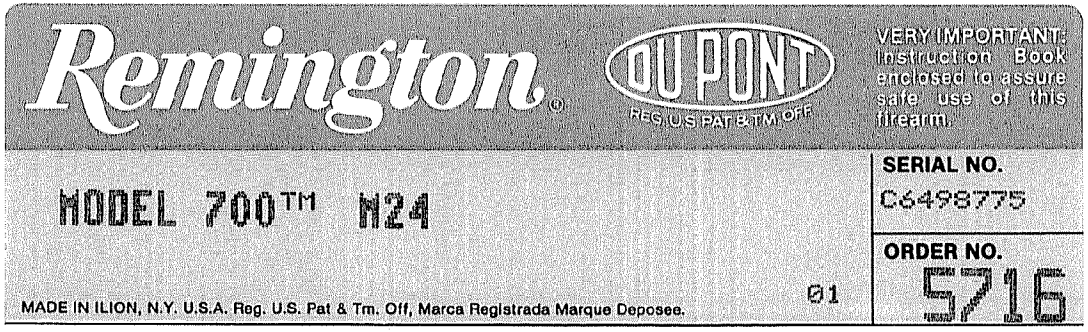


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112655
SERIAL NUMBER	CL0498773
LOG-IN DATE	5-22-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-5-06	RTC
505	RE-BARREL		6-6-06	RTC
560	ASSEMBLE		6-7-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED JUN 09 2006	6-7-06	TRW
605	CHECK HEADSPACE		6-7-06	RTC
610	DIS-ASSEMBLE GUN		6-7-06	RTC
612	MAGNAFLUX	OPERATOR APD	6-9-06	APD
510	DRILL AND TAP		6-8-06	TRW
615	ROLLMARK CALIBER		6-9-06	CW
618	ROTO-BLAST		6-9-06	CB
620	APPLY COATINGS		6/13/06	FB
625	FINAL ASSEMBLY		6-14-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	6-14-06	LPD
650	TARGET	(PASS) FAIL	6-14-06	LPD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-20-06	LPD
	A) HEADSPACE	(PASS) FAIL	6-20-06	LPD
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.30 2.32 2.30 2.33 2.32	6-15-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6.0 6.0 6.0	6-15-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	3.5 4.0 4.0	6-15-06	DA
	I) FIRING PIN INDENT (.020)	.023 .023 .023	6-15-06	DA
690	PACK		6-28-06	DA



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498775

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	GS
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		6/4/90	TSH
	Apply Coating (Bolt)			TSH
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/8/90	GH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			6/12/90	
	G) Safety Off Force	2	2	2			6/12/98	
	H) Trigger Pull Test & Retainability						6/8/90	
	I) Firing Pin Indent	.0275	.022	.022			6/11/90	WB
	J) Assemble Stock						6/13/90	RW
	K) Assemble Swivel Studs						6/18/90	WB
	L) Attach Front and Rear Sight Assemblies						6/13/90	RW
	M) Iron Sight Alignment						6/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/13/90	RW
	O) Attach Scope to Rifle						6/13/90	
	P) Detach & Attach Scope 20 Times						6/13/90	
640	Gallery Target & Test						6-14-90	DH
	A) Time						6-14-90	DH
	B) Malfunctions						6-14-90	DH
	C) Pierced Primers						6-14-90	DH
	D) Optical Clearity of Scope						6-14-90	DH
645	Inspect for Live Ammo						6-14-90	DH
655	Final Inspection A) Headspace						6/18/90	WB
	B) Trigger Pull	2.32	2.52	2.47	2.53	2.41	6/18/90	RW
	C) Function						6/18/90	WB
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. C6498775
DATE 6/8/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.43	2.40	2.32	MIN. SETTING,
PULL #2	2.31	2.46	2.30	2.52	NO AVG. OF 5
PULL #3	2.45	2.50	2.33	2.47	READINGS ACCEPT-
PULL #4	2.41	2.33	2.35	2.53	ABLE LESS THAN 2#
PULL #5	2.50	2.35	2.40	2.46	
TOTAL	12.20	12.07	11.78	12.30	
AVG.	2.44	2.414	2.356	2.46	

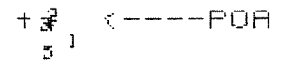
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.43		
PULL #2	3.25	3.38		
PULL #3	3.10	3.26		
PULL #4	3.18	3.38		
PULL #5	3.14	3.45		
TOTAL	16.02	16.89		
AVG.	3.204	3.378		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.30		4.30
PULL #2	4.13	4.34		4.31
PULL #3	4.29	4.03		4.34
PULL #4	4.32	4.22		4.16
PULL #5	4.28	4.28		4.32
TOTAL	21.26	21.17		21.43
AVG.	4.252	4.234		4.286

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498775
18 Jun 1990

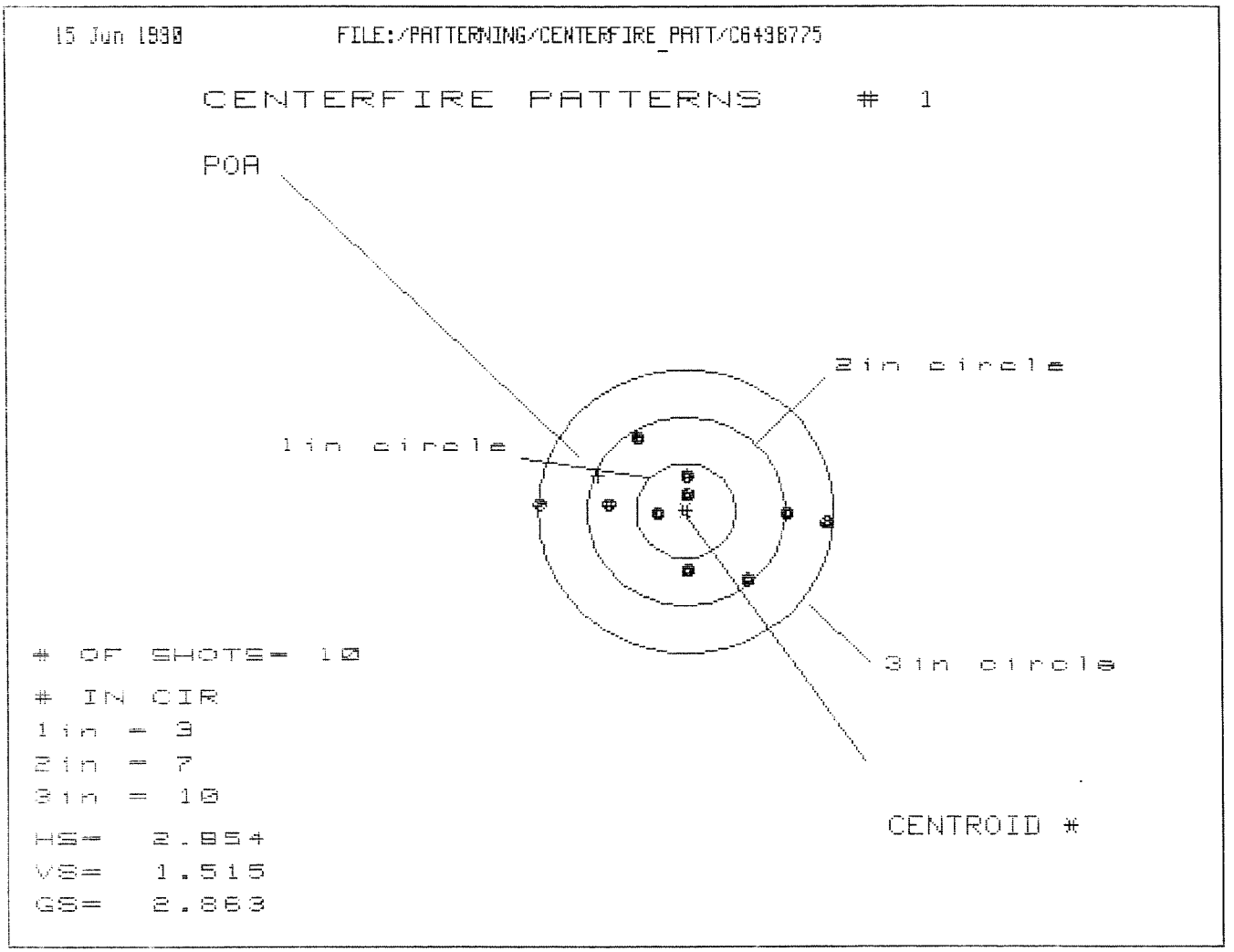
CENTROIDAL DISTANCES

0	TO	1	.957882
1	TO	2	.570674
1	TO	3	.578547
1	TO	4	.511806
1	TO	5	.490181

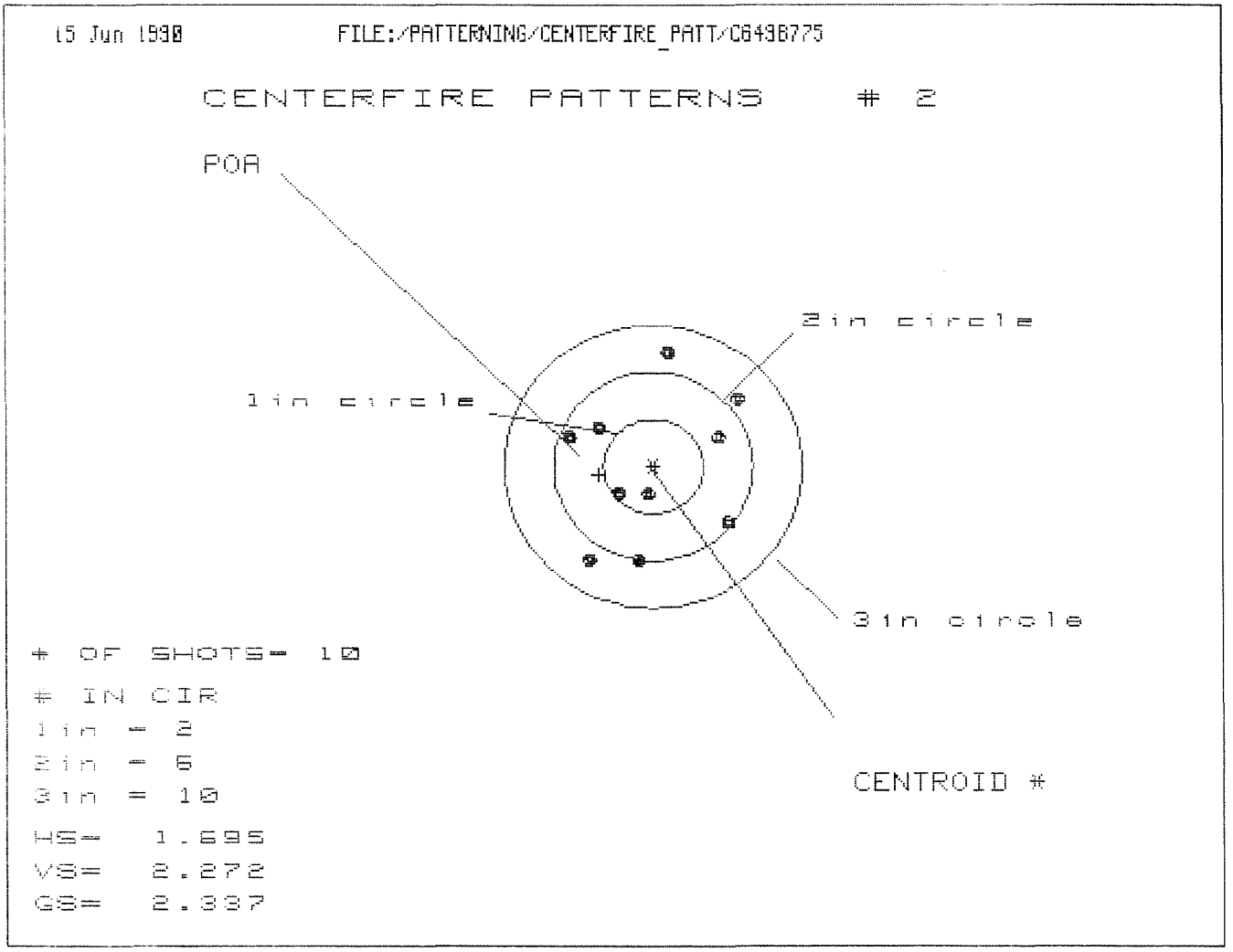


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .546
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .582656

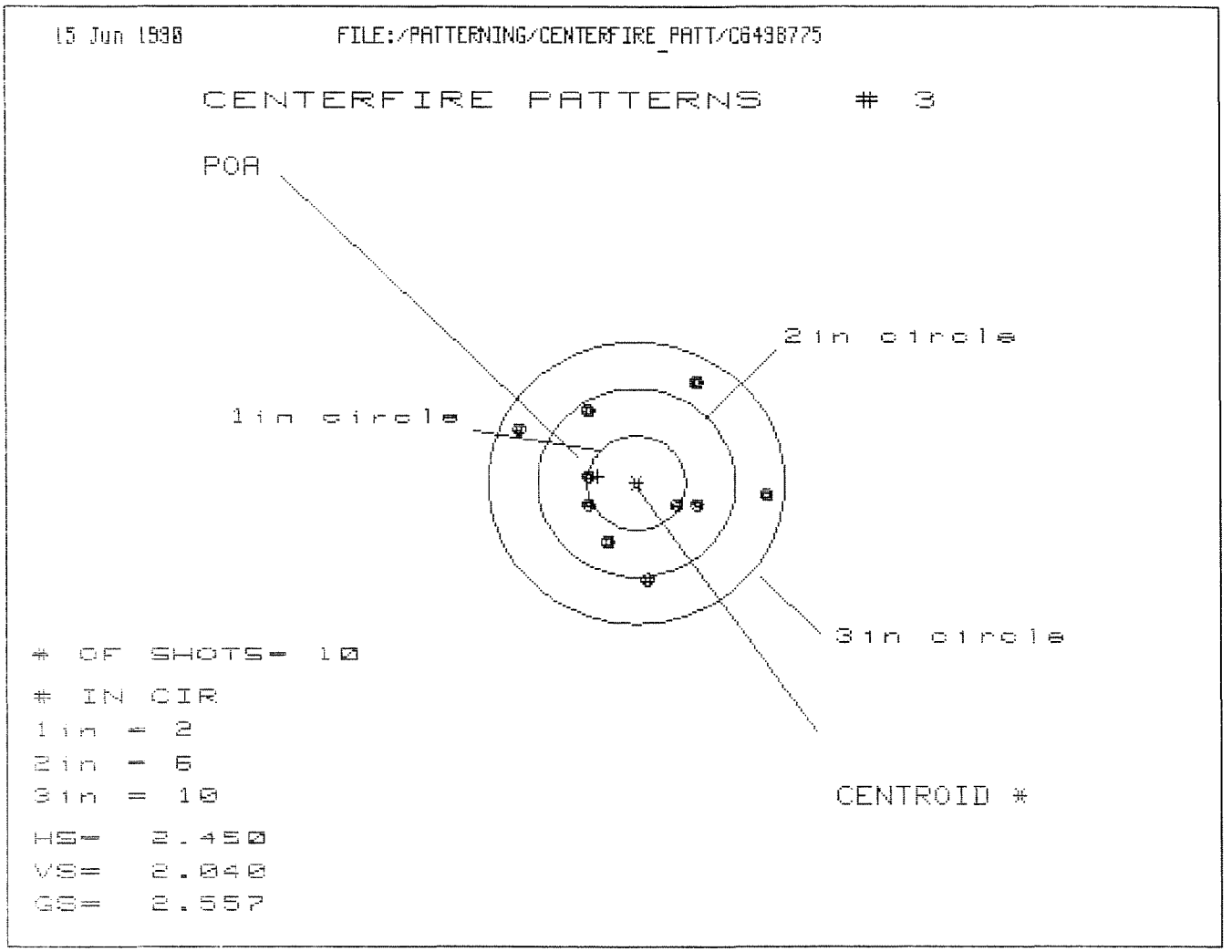
THE AMR FOR THIS RIFLE IS: .8578



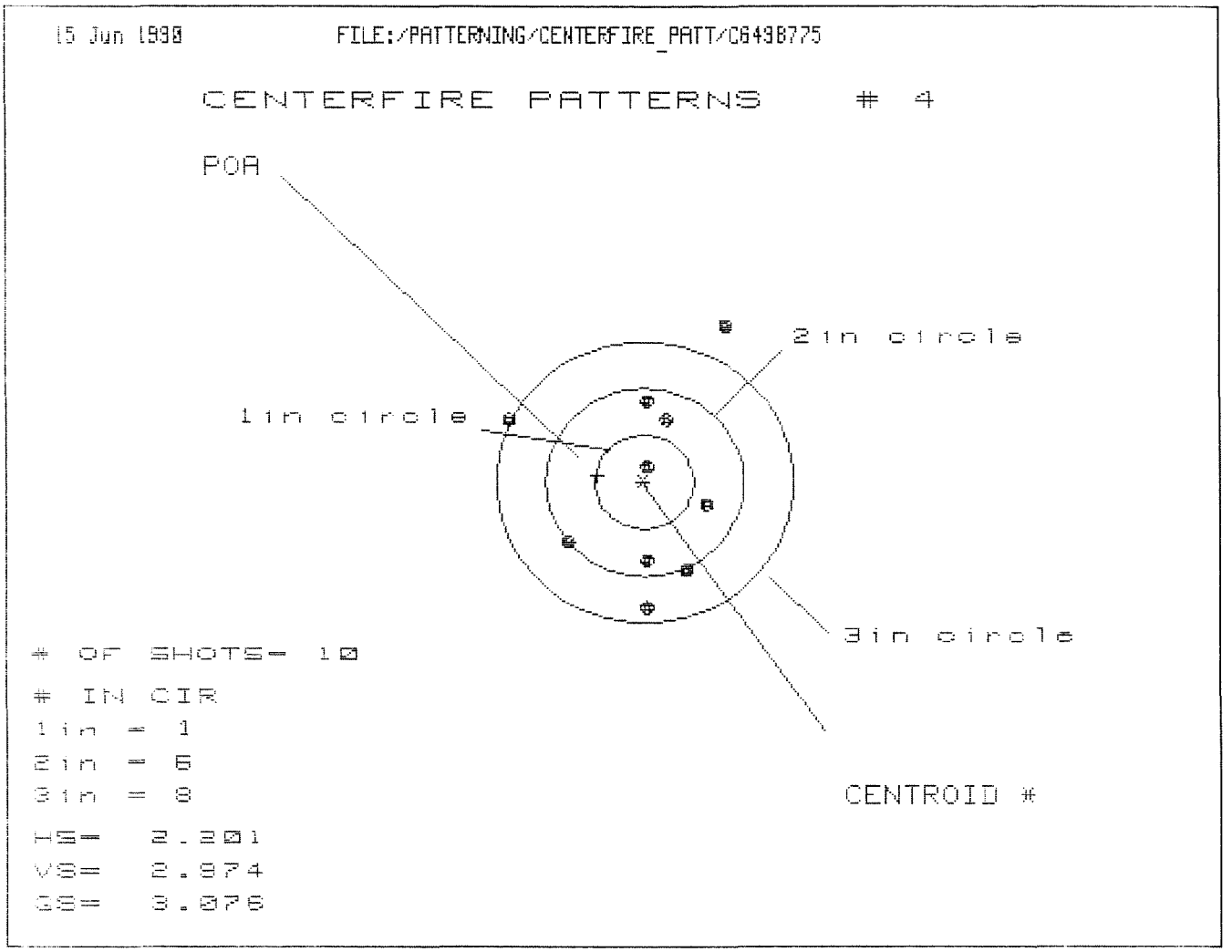
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.389	1.227	1.036
MINIMUM X	:	-1.465	-.976	-.823
MAXIMUM Y	:	.808	.815	.796
MINIMUM Y	:	-.707	-.700	-.719
CENTROID X	:	.881	1.043	.890
CENTROID Y	:	-.376	-.383	-.364
POA TO CENTROID in.	:	.957	1.111	.962
MIN RADIUS	:	.182	.260	.172
MEAN RADIUS	:	.806	.746	.648
MAX RADIUS	:	1.466	1.236	1.036
HORIZONTAL SPREAD	:	2.854	2.203	1.859
VERTICAL SPREAD	:	1.515	1.515	1.515
EXTREME SPREAD	:	2.863	2.213	1.863
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		



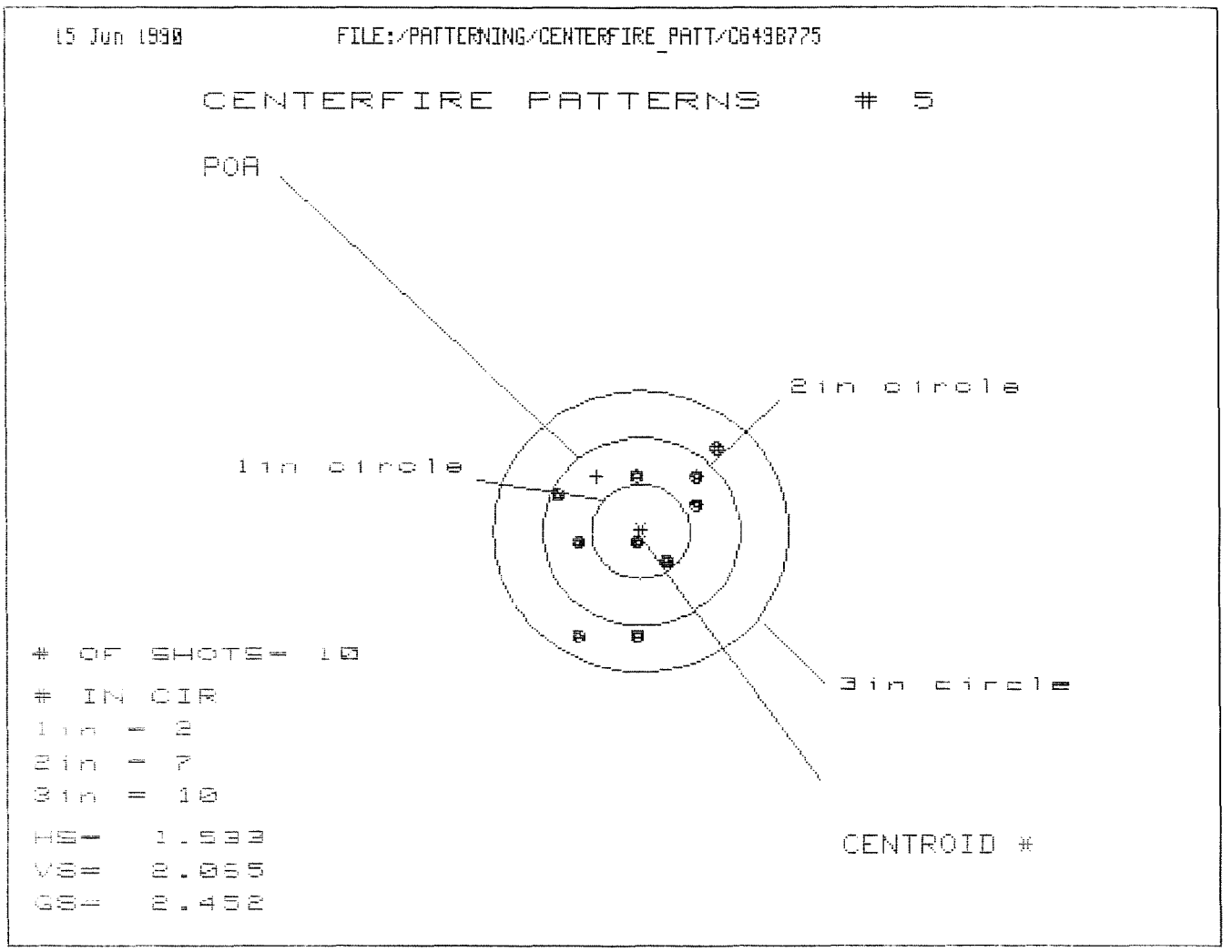
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.880	.898	.819
MINIMUM X	:	-.815	-.797	-.876
MAXIMUM Y	:	1.243	.866	.764
MINIMUM Y	:	-1.029	-.890	-.992
CENTROID X	:	.546	.528	.607
CENTROID Y	:	.086	-.053	.049
POA TO CENTROID in.	:	.553	.531	.609
MIN RADIUS	:	.249	.111	.235
MEAN RADIUS	:	.843	.771	.753
MAX RADIUS	:	1.253	1.247	1.120
HORIZONTAL SPREAD	:	1.695	1.695	1.695
VERTICAL SPREAD	:	2.272	1.756	1.756
EXTREME SPREAD	:	2.337	2.269	2.013
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	1.154	.638
MINIMUM X	:	-1.166	-.656	-.511
MAXIMUM Y	:	1.026	1.092	1.083
MINIMUM Y	:	-1.014	-.948	-.957
CENTROID X	:	.390	.520	.375
CENTROID Y	:	-.070	-.136	-.127
POA TO CENTROID in.	:	.396	.537	.396
MIN RADIUS	:	.464	.320	.448
MEAN RADIUS	:	.855	.793	.735
MAX RADIUS	:	1.309	1.195	1.252
HORIZONTAL SPREAD	:	2.450	1.810	1.149
VERTICAL SPREAD	:	2.040	2.040	2.040
EXTREME SPREAD	:	2.557	2.112	2.112
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.746	.581
MINIMUM X	:	-1.406	-1.318	-.817
MAXIMUM Y	:	1.631	1.052	1.164
MINIMUM Y	:	-1.343	-1.162	-1.050
CENTROID X	:	.473	.385	.550
CENTROID Y	:	-.067	-.248	-.360
POA TO CENTROID in.	:	.478	.458	.657
MIN RADIUS	:	.163	.359	.459
MEAN RADIUS	:	1.004	.914	.804
MAX RADIUS	:	1.814	1.593	1.167
HORIZONTAL SPREAD	:	2.201	2.064	1.398
VERTICAL SPREAD	:	2.974	2.214	2.214
EXTREME SPREAD	:	3.076	2.497	2.214
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	:	.727	.652	.616
MINIMUM X	:	-.806	-.881	-.799
MAXIMUM Y	:	.908	.785	.591
MINIMUM Y	:	-1.157	-1.280	-1.182
CENTROID X	:	.440	.515	.433
CENTROID Y	:	-.590	-.467	-.565
POA TO CENTROID in.	:	.736	.695	.712
MIN RADIUS	:	.087	.223	.112
MEAN RADIUS	:	.781	.717	.671
MAX RADIUS	:	1.294	1.282	1.182
HORIZONTAL SPREAD	:	1.533	1.533	1.415
VERTICAL SPREAD	:	2.065	2.065	1.773
EXTREME SPREAD	:	2.452	2.189	1.874
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	