C622575

MODEL 700™ M24

Model SWS™

Action

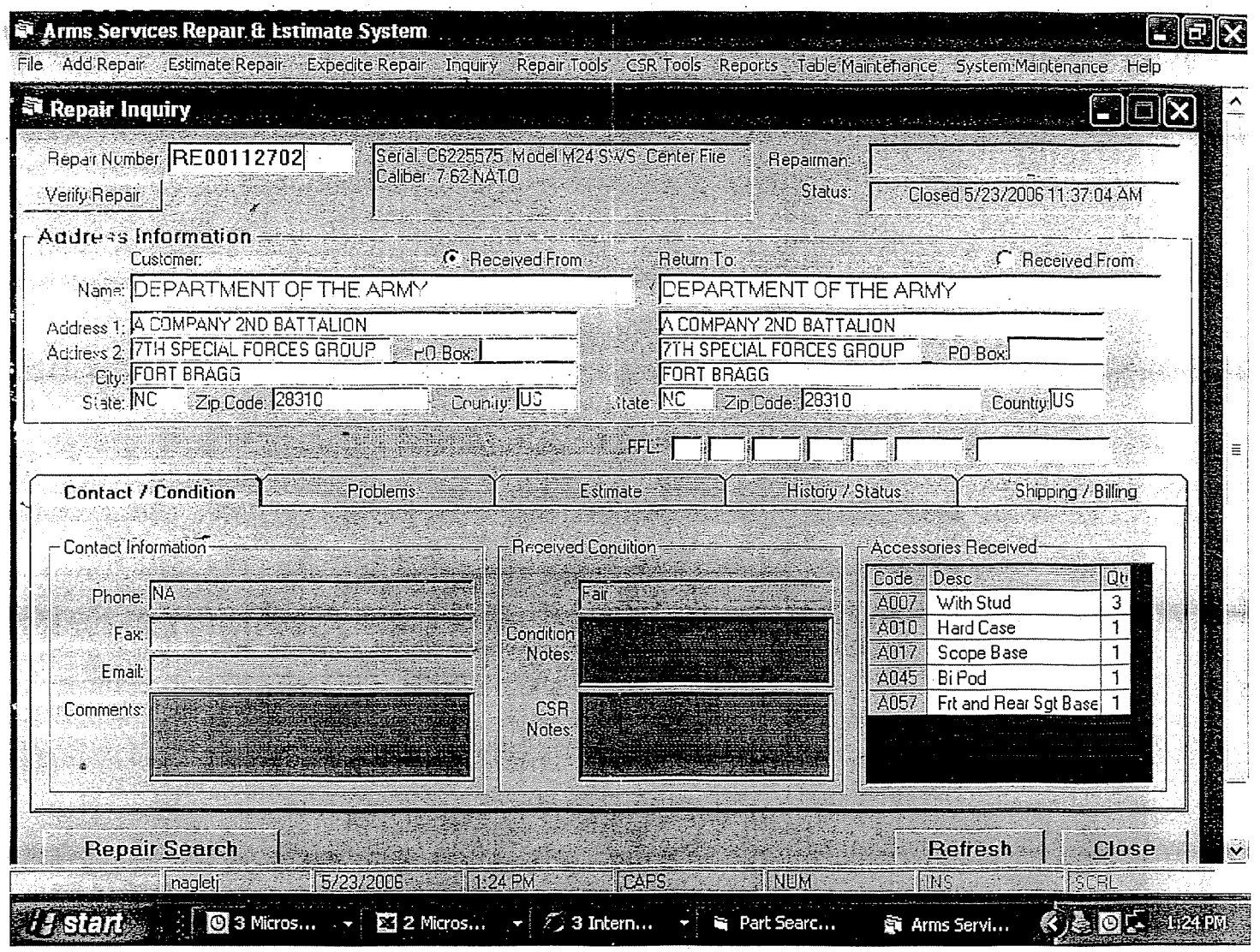
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6225575

Model: M24 SWS

RE00112702

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225575.__0
FILE DATE AND TIME: 06/06/2006 16:59

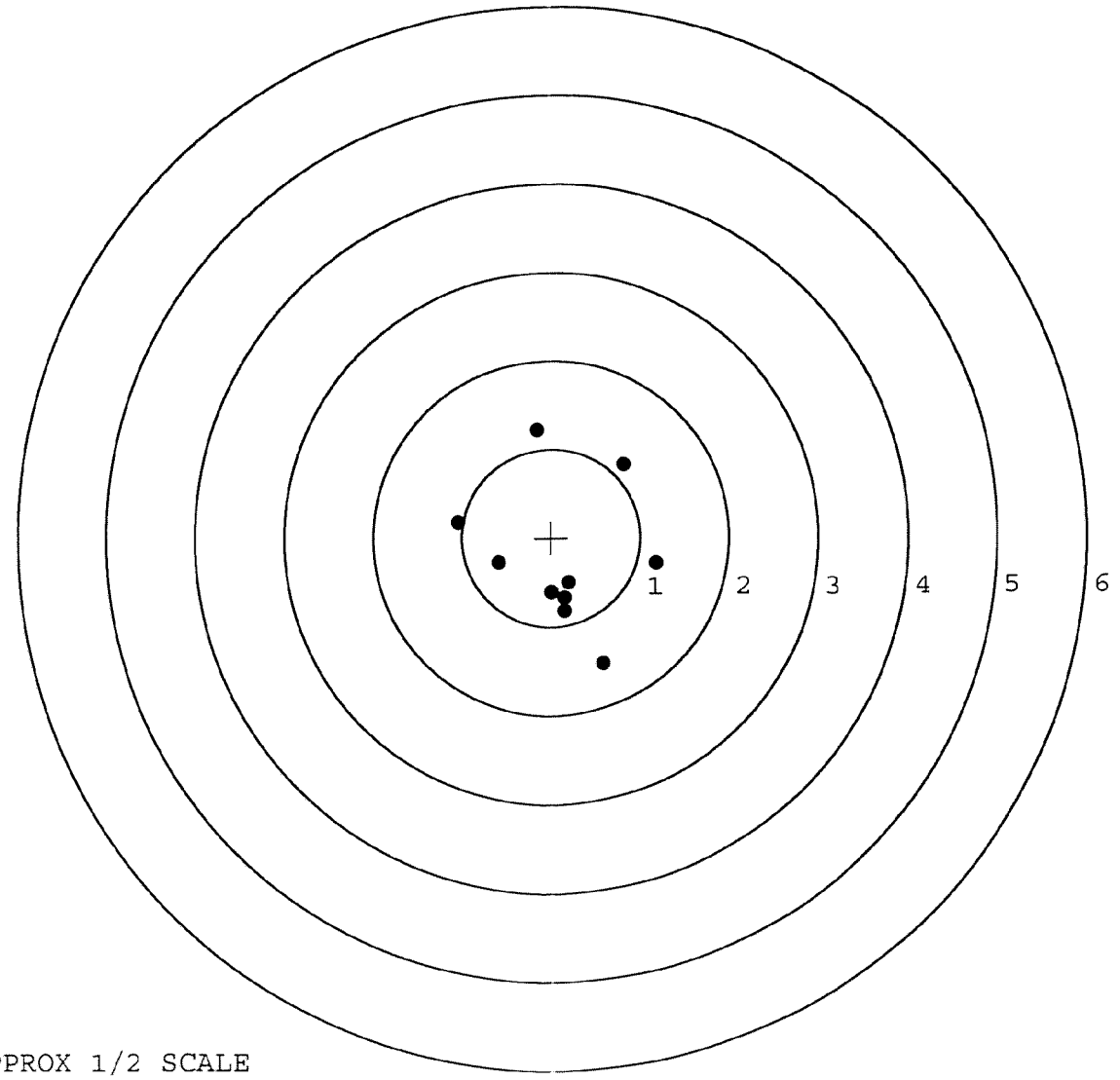
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	0.007
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.852
The Distance from POA to Centroid Target #1:	0.277
The Distance from Centroid Target #2 to Centroid Target #1:	0.380
The Distance from Centroid Target #3 to Centroid Target #1:	0.442
The Distance from Centroid Target #4 to Centroid Target #1:	0.223
The Distance from Centroid Target #5 to Centroid Target #1:	0.608

SERIAL NUMBER: C6225575.__0
TARGET NUMBER: 1
FILE DATE: 06/06/2006
FILE TIME: 16:59

X CENTROID:	0.129
Y CENTROID:	-0.245
POA TO CENTROID:	0.277
HORZ SPREAD:	2.218
VERT SPREAD:	2.647
GROUP SPREAD:	2.748
MIN RADIUS:	0.274
MAX RADIUS:	1.486
MEAN RADIUS:	0.873
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.156	1.214
2:	0.817	0.818
3:	1.174	-0.299
4:	0.582	-1.433
5:	0.153	-0.832
6:	0.194	-0.511
7:	0.005	-0.617
8:	-0.589	-0.282
9:	-1.044	0.178
10:	0.153	-0.684

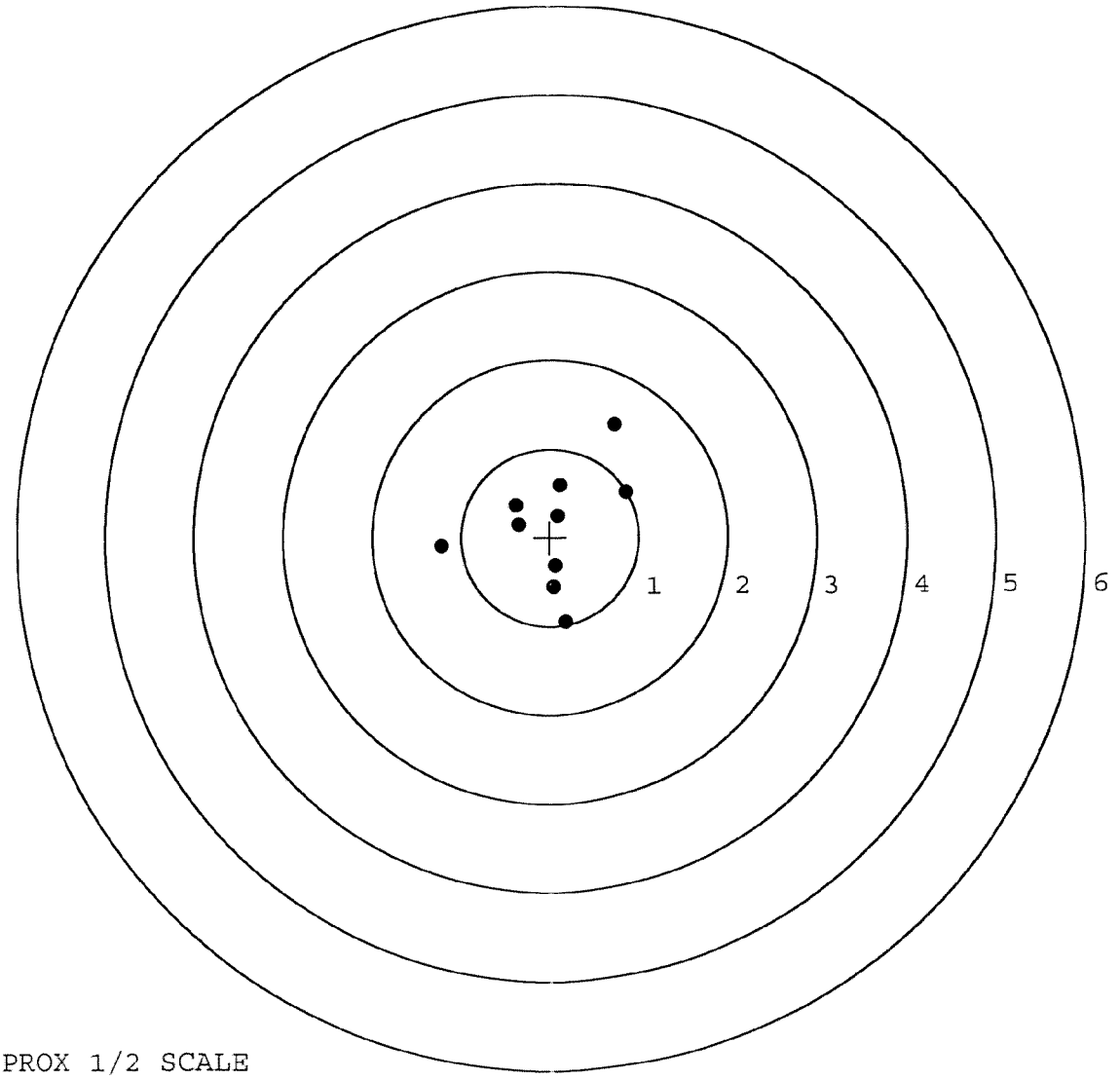


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225575.__0
TARGET NUMBER: 2
FILE DATE: 06/06/2006
FILE TIME: 16:59

X CENTROID:	0.012
Y CENTROID:	0.116
POA TO CENTROID:	0.117
HORZ SPREAD:	2.082
VERT SPREAD:	2.217
GROUP SPREAD:	2.375
MIN RADIUS:	0.149
MAX RADIUS:	1.350
MEAN RADIUS:	0.721
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.120	0.588
2:	0.093	0.242
3:	0.065	-0.325
4:	0.042	-0.563
5:	0.174	-0.956
6:	-0.353	0.143
7:	-0.384	0.363
8:	-1.222	-0.094
9:	0.729	1.261
10:	0.860	0.505

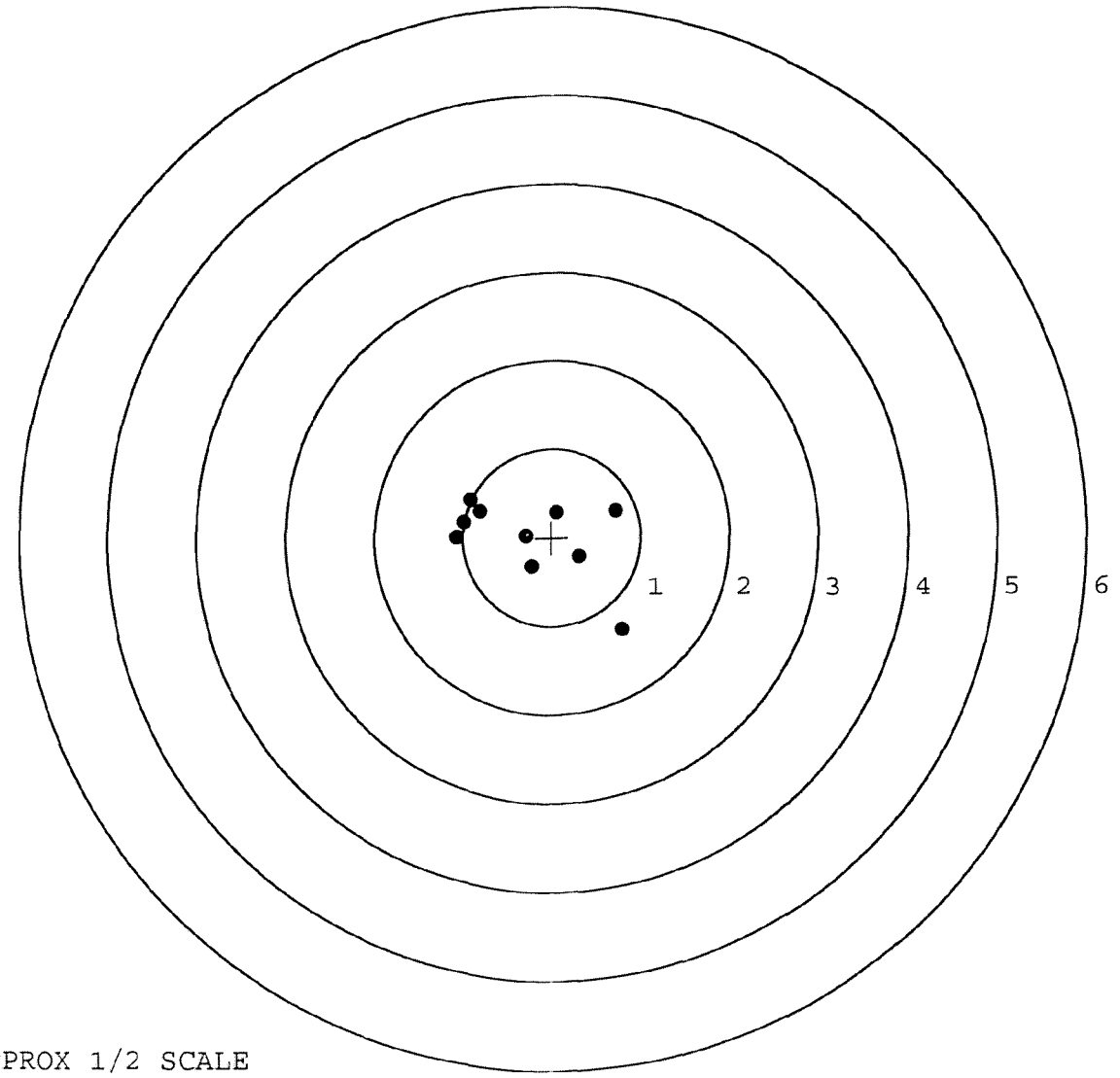


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225575.__0
TARGET NUMBER: 3
FILE DATE: 06/06/2006
FILE TIME: 16:59

X CENTROID:	-0.246
Y CENTROID:	-0.010
POA TO CENTROID:	0.246
HORZ SPREAD:	1.858
VERT SPREAD:	1.462
GROUP SPREAD:	2.248
MIN RADIUS:	0.055
MAX RADIUS:	1.459
MEAN RADIUS:	0.690
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.920	0.421
2:	-0.812	0.295
3:	-1.071	-0.002
4:	-0.231	-0.331
5:	-0.289	0.024
6:	0.052	0.283
7:	0.311	-0.217
8:	0.717	0.294
9:	0.787	-1.041
10:	-1.000	0.173

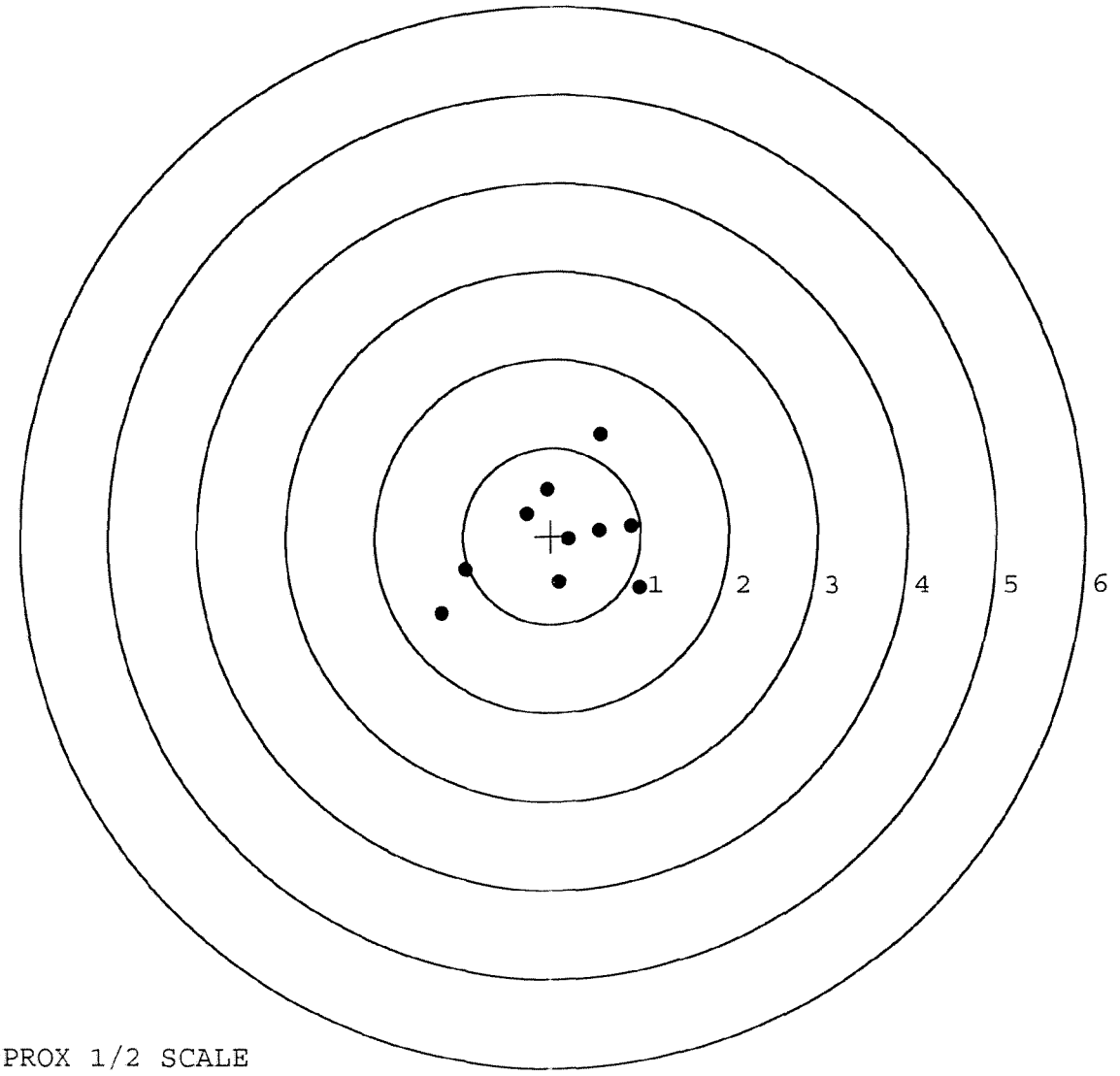


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225575.__0
TARGET NUMBER: 4
FILE DATE: 06/06/2006
FILE TIME: 16:59

X CENTROID:	0.071
Y CENTROID:	-0.029
POA TO CENTROID:	0.077
HORZ SPREAD:	2.234
VERT SPREAD:	2.034
GROUP SPREAD:	2.712
MIN RADIUS:	0.125
MAX RADIUS:	1.565
MEAN RADIUS:	0.797
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.553	1.152
2:	-0.049	0.533
3:	-0.285	0.254
4:	-0.967	-0.383
5:	-1.241	-0.882
6:	0.088	-0.526
7:	0.196	-0.039
8:	0.529	0.065
9:	0.893	0.120
10:	0.993	-0.587

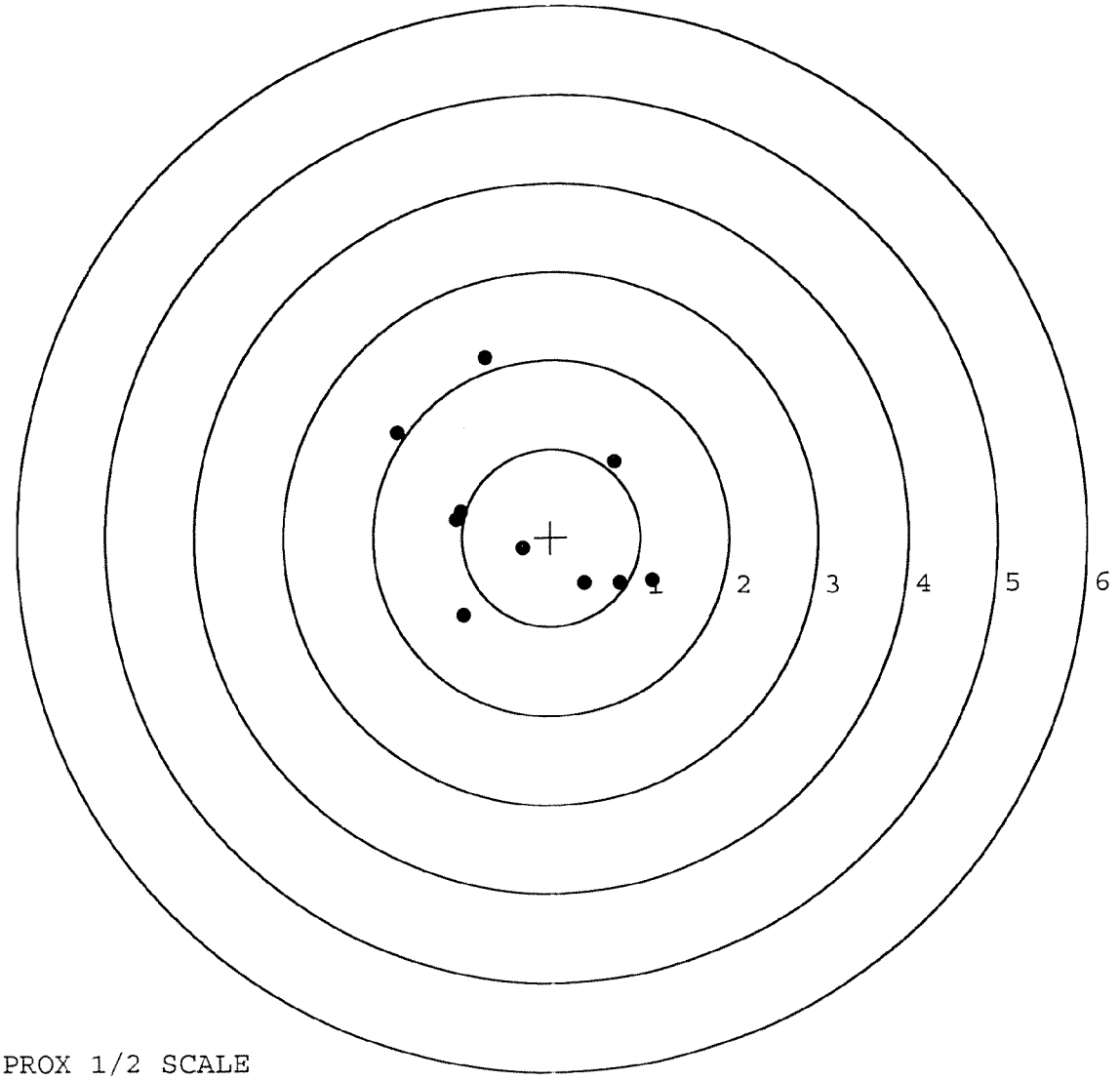


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225575.__0
TARGET NUMBER: 5
FILE DATE: 06/06/2006
FILE TIME: 16:59

X CENTROID:	-0.283
Y CENTROID:	0.202
POA TO CENTROID:	0.348
HORZ SPREAD:	2.855
VERT SPREAD:	2.906
GROUP SPREAD:	3.132
MIN RADIUS:	0.328
MAX RADIUS:	1.878
MEAN RADIUS:	1.178
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.727	2.027
2:	-1.726	1.190
3:	-1.012	0.299
4:	0.715	0.852
5:	1.129	-0.496
6:	0.772	-0.526
7:	0.376	-0.520
8:	-0.314	-0.124
9:	-0.981	-0.879
10:	-1.061	0.202



TARGET APPROX 1/2 SCALE

BARBER - M24 0051791

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 5-5-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.50		2.59	
PULL #2	2.50	2.41		2.60	
PULL #3	2.36	2.61		2.40	
PULL #4	2.62	2.59		2.44	
PULL #5	2.63	2.56		2.54	
TOTAL	12.63	12.67		12.57	
AVERAGE	2.52	2.53		2.51	

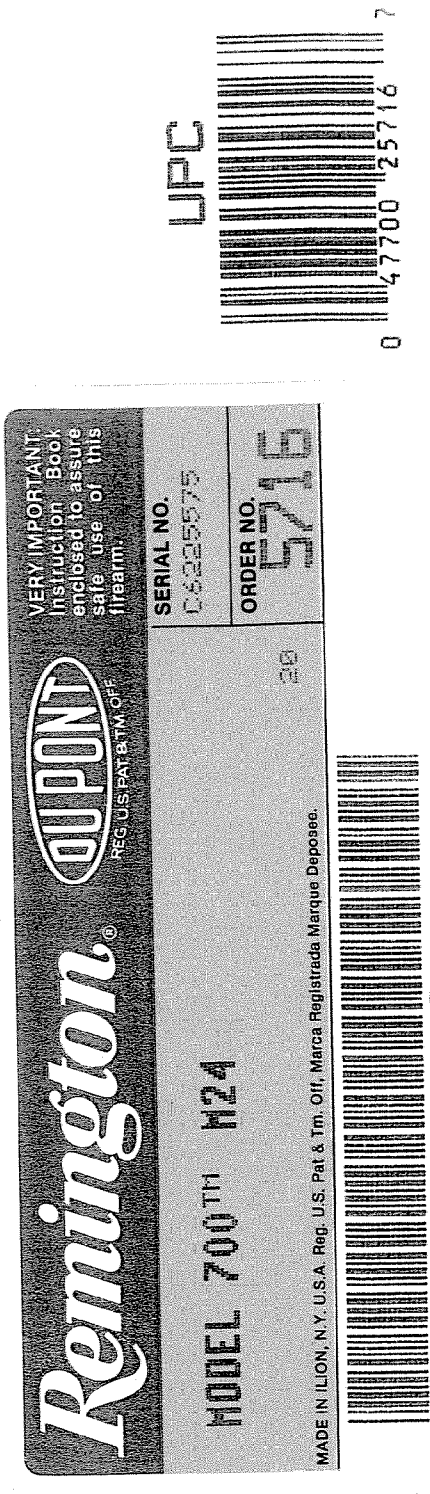
	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.21		
PULL #2	3.10	3.00		
PULL #3	2.88	3.13		
PULL #4	3.06	2.96		
PULL #5	2.92	3.17		
TOTAL	14.98	15.47		
AVERAGE	2.99	3.09		

	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	4.03	4.15		4.03
PULL #2	4.21	4.10		4.10
PULL #3	4.08	4.20		4.03
PULL #4	4.06	4.20		4.08
PULL #5	4.09	4.14		3.98
TOTAL	20.47	20.79		20.22
AVERAGE	4.09	4.15		4.04

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

R & E NUMBER	112702
SERIAL NUMBER	C622557S
LOG-IN DATE	5-23-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-24-06	RTL
505	RE-BARREL		5-26-06	RTL
560	ASSEMBLE		5-30-06	RTL
600	PROOF	MAGNA-FLUX INSPECTED JUN 02 2006	5-30-06	TRW
605	CHECK HEADSPACE		5-30-06	TRW
610	DIS-ASSEMBLE GUN		6-1-06	RTL
612	MAGNAFLUX	OPERATOR APD	6-2-06	APD
510	DRILL AND TAP		6-1-06	TRW
615	ROLLMARK CALIBER		6-2-06	CW
618	ROTO-BLAST		6-2-06	LB
620	APPLY COATINGS		6/5/06	[illegible]
625	FINAL ASSEMBLY		6-6-06	RTL
640	FUNCTION TEST AND	PASS FAIL	6-6-06	MJH
650	TARGET	PASS FAIL	6-6-06	MJH
	MALFUNCTION CH	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	6-7-06	R.P.
670	FINAL INSPECTION		6-8-06	AC
	A) HEADSPACE	PASS FAIL	6-8-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.50 2.38 2.27 2.30 2.27	6-8-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	7.0 7.0 7.0	6-8-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	3.0 3.5 3.5	6-8-06	DA
	I) FIRING PIN INDENT (.020)	.021 .022 .021	6-8-06	DA
690	PACK		6-9-06	DA


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.
C6225575
ORDER NO.
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6225575
UPC
0 47700 25716 7

M-24

Scope c415

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225575

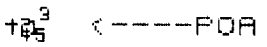
OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12 9 88	RW
600	Proof		12 9 88	RW
607	Check Headspace		12 9 88	RW
610	Dis-assemble Gun		12 9 88	RW
612	Magnaflux Barrel Action		12 22 88	PJL.
	Magnaflux Bolt		1-3-89	PJL.
615	Rollmark Caliber		12/22/88	MLC.
617	Drill and Tap Sight Holes		1 3 89	FB
618	Polish Barrel		12 2 88	WT
620	Apply Coatings (Barrel Action)		1/6/89	WT
	Apply Coating (Bolt)		1/6/89	KJA
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/22/89	PJL

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 | 5 | 5	10 Feb 89	GS
	G) Safety Off Force	3 | 3 | 3	10 Feb 89	GS
	H) Trigger Pull Test & Retainability		9 Feb 89	GS
	I) Firing Pin Indent	.021 | .021 | .021	10 Feb 89	GS
	J) Assemble Stock		2/24/89	RW
	K) Assemble Swivel Studs		6 Mar 89	GS
	L) Attach Front and Rear Sight Assemblies		2/24/89	RW
	M) Iron Sight Alignment		2/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container		2/24/89	RW
	O) Attach Scope to Rifle		24 Feb 89	GS
	P) Detach & Attach Scope 20 Times		24 Feb 89	GS
640	Gallery Target & Test	55 R 92 C	2/28/89	DH
	A) Time		2/28/89	DH
	B) Malfunctions		2/28/89	DH
	C) Pierced Primers		2/28/89	DH
	D) Optical Clearity of Scope		2/28/89	DH
645	Inspect for Live Ammo		2/28/89	DH
655	Final Inspection A) Headspace		6 Mar 89	GS
	B) Trigger Pull	2.28 | 2.43 | 2.64 | 2.57 | 2.35	6 Mar 89	GS
	C) Function		6 Mar 89	GS
660	Pack		22 Mar 89	GS

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225575
6 Mar 1989

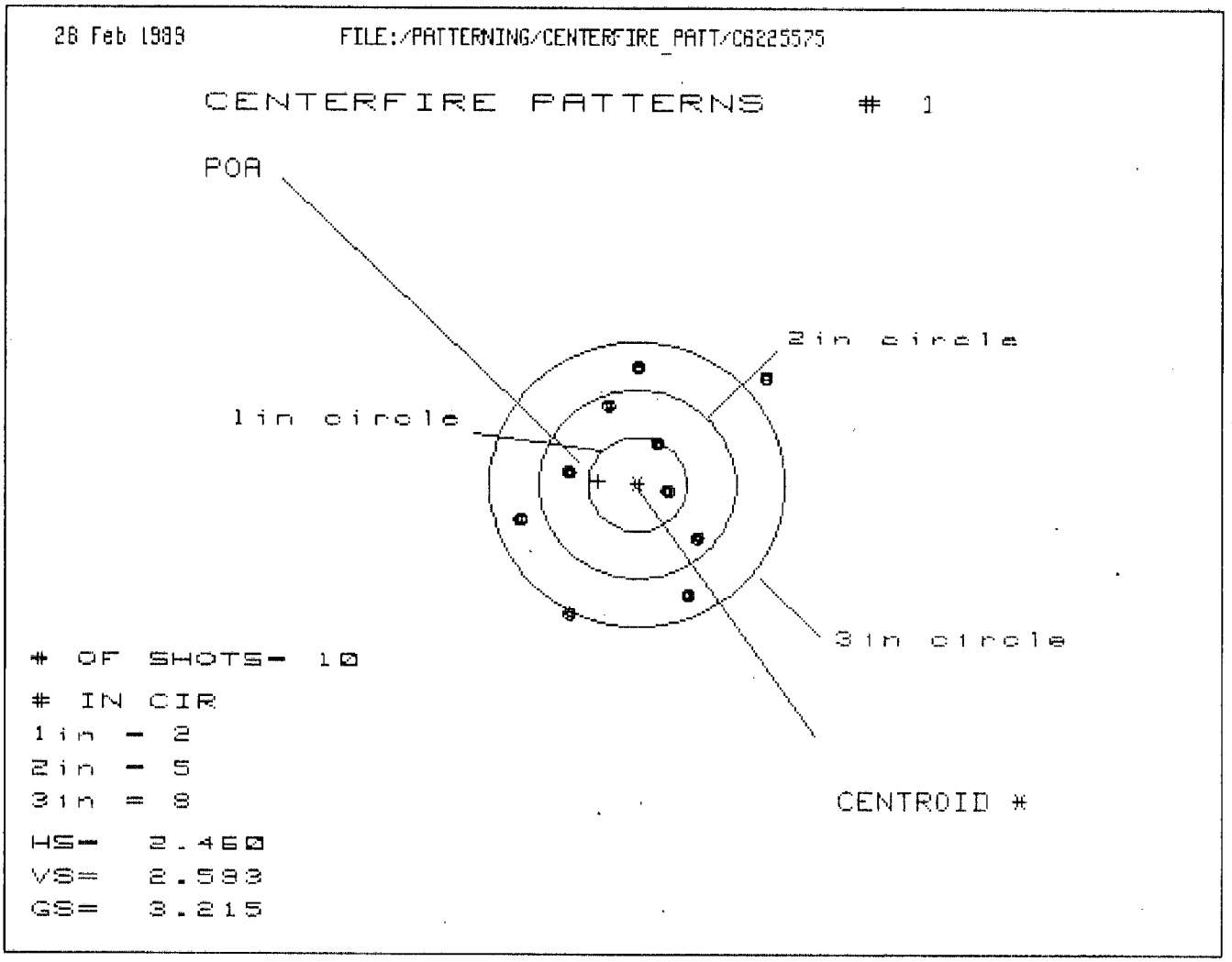
CENTROIDAL DISTANCES

0	TO	1	.395297
1	TO	2	.148189
1	TO	3	.332898
1	TO	4	.185456
1	TO	5	.20641

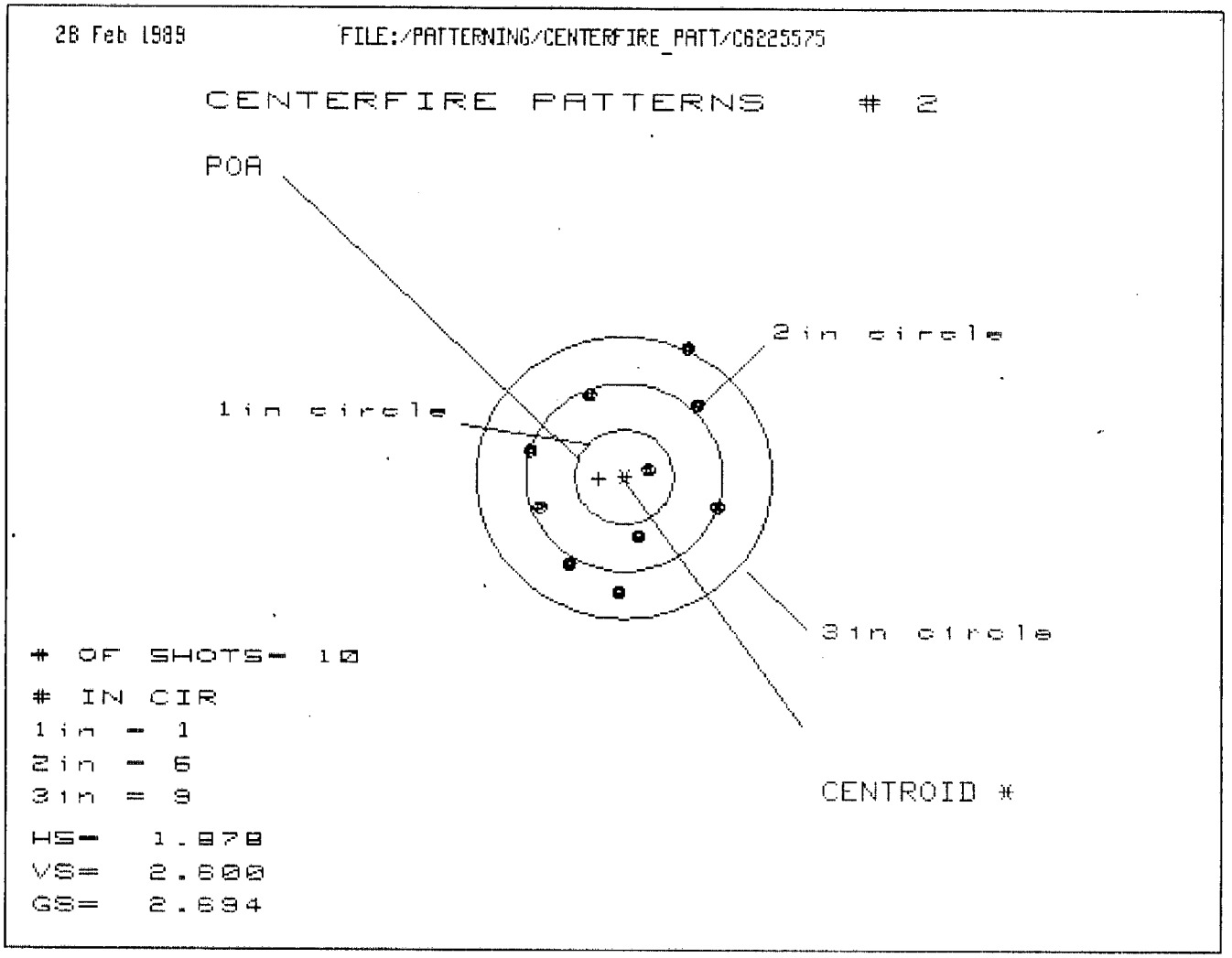


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4132
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .413785

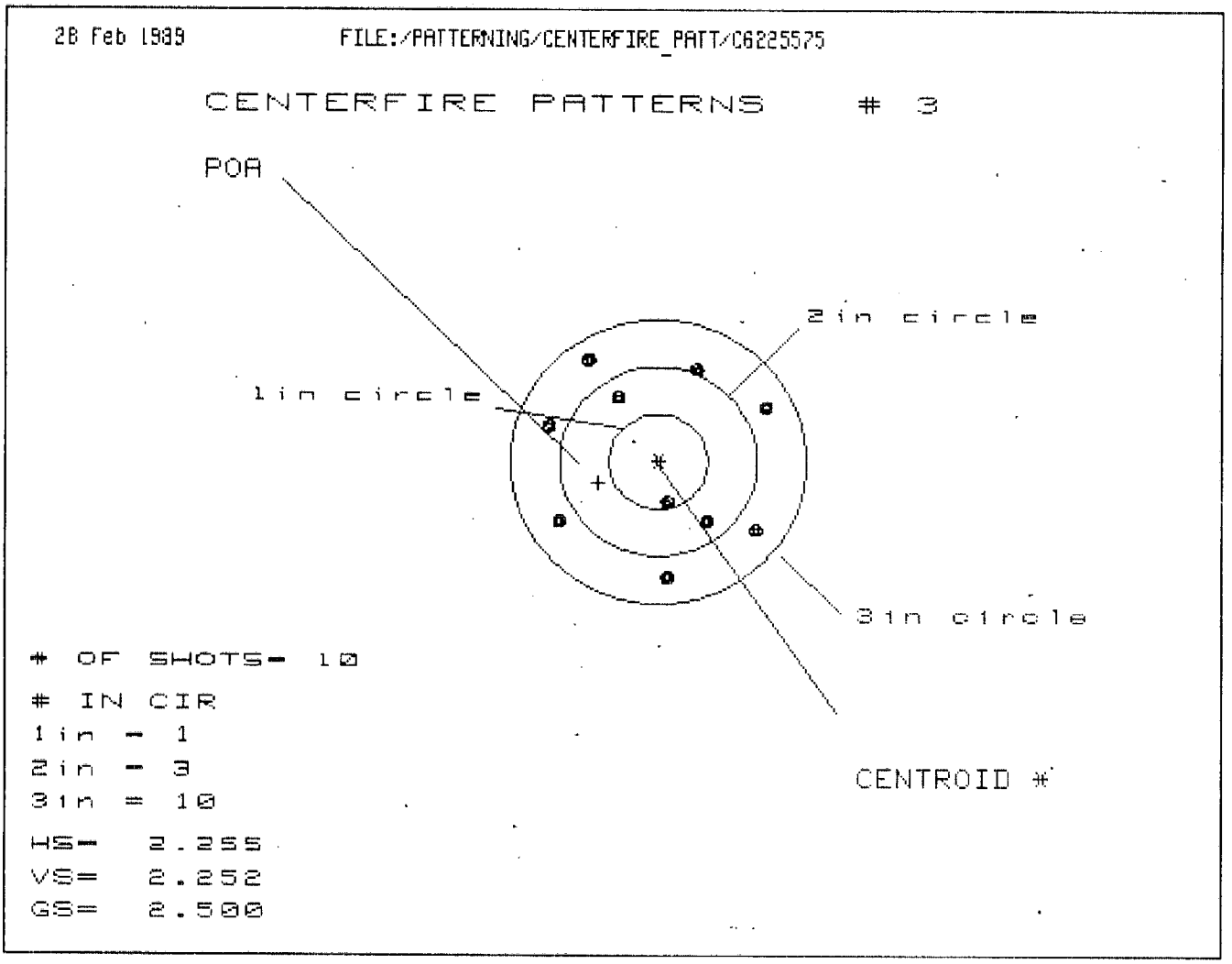
THE AMR FOR THIS RIFLE IS: .9328



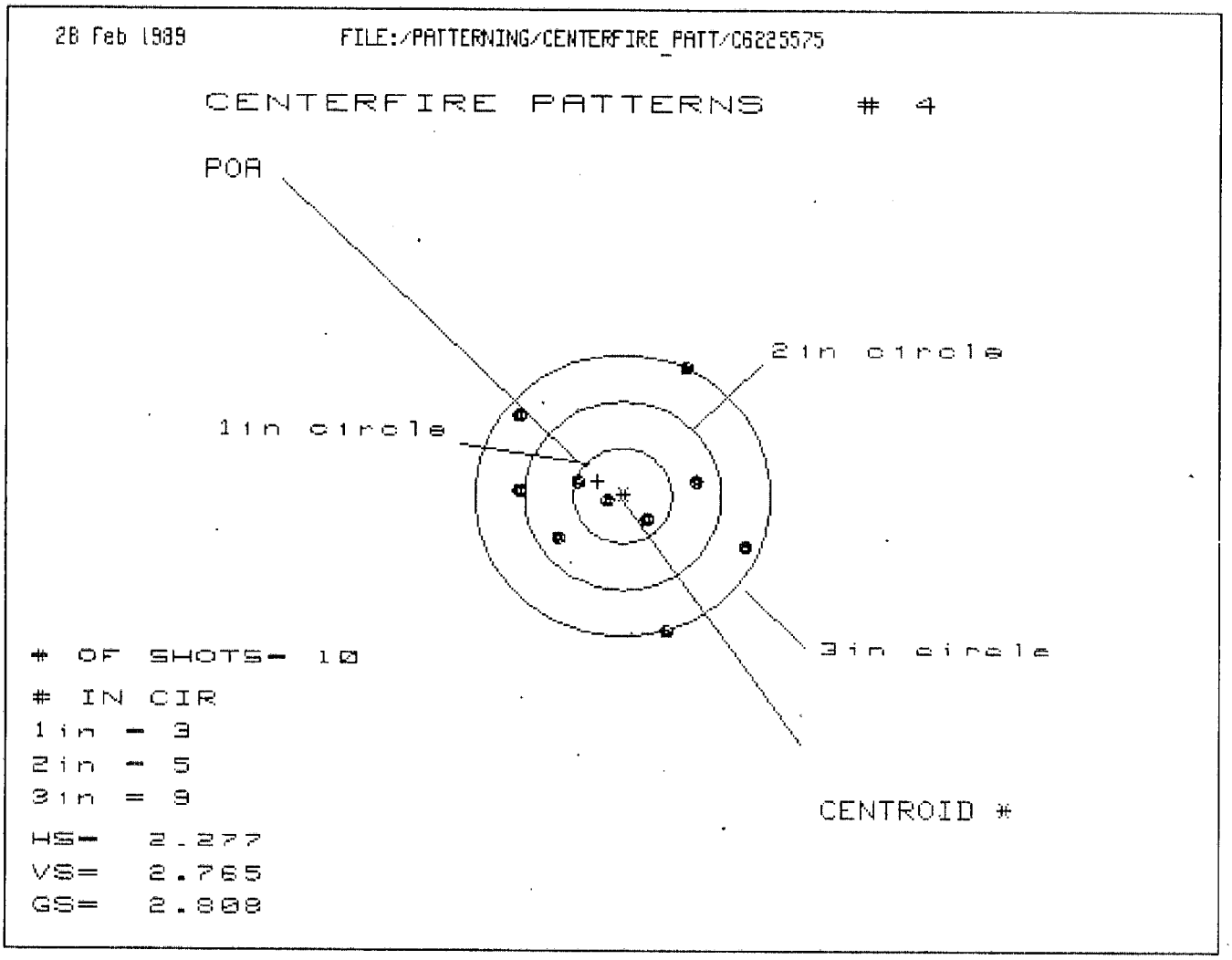
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	.710	.635
MINIMUM X	:	-1.179	-1.037	-1.111
MAXIMUM Y	:	1.196	1.318	1.159
MINIMUM Y	:	-1.397	-1.275	-1.240
CENTROID X	:	.394	.252	.327
CENTROID Y	:	-.032	-.155	.004
POA TO CENTROID in.	:	.396	.296	.327
MIN RADIUS	:	.346	.477	.421
MEAN RADIUS	:	1.025	.960	.873
MAX RADIUS	:	1.691	1.407	1.372
HORIZONTAL SPREAD	:	2.460	1.747	1.747
VERTICAL SPREAD	:	2.593	2.593	2.399
EXTREME SPREAD	:	3.215	2.692	2.458
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



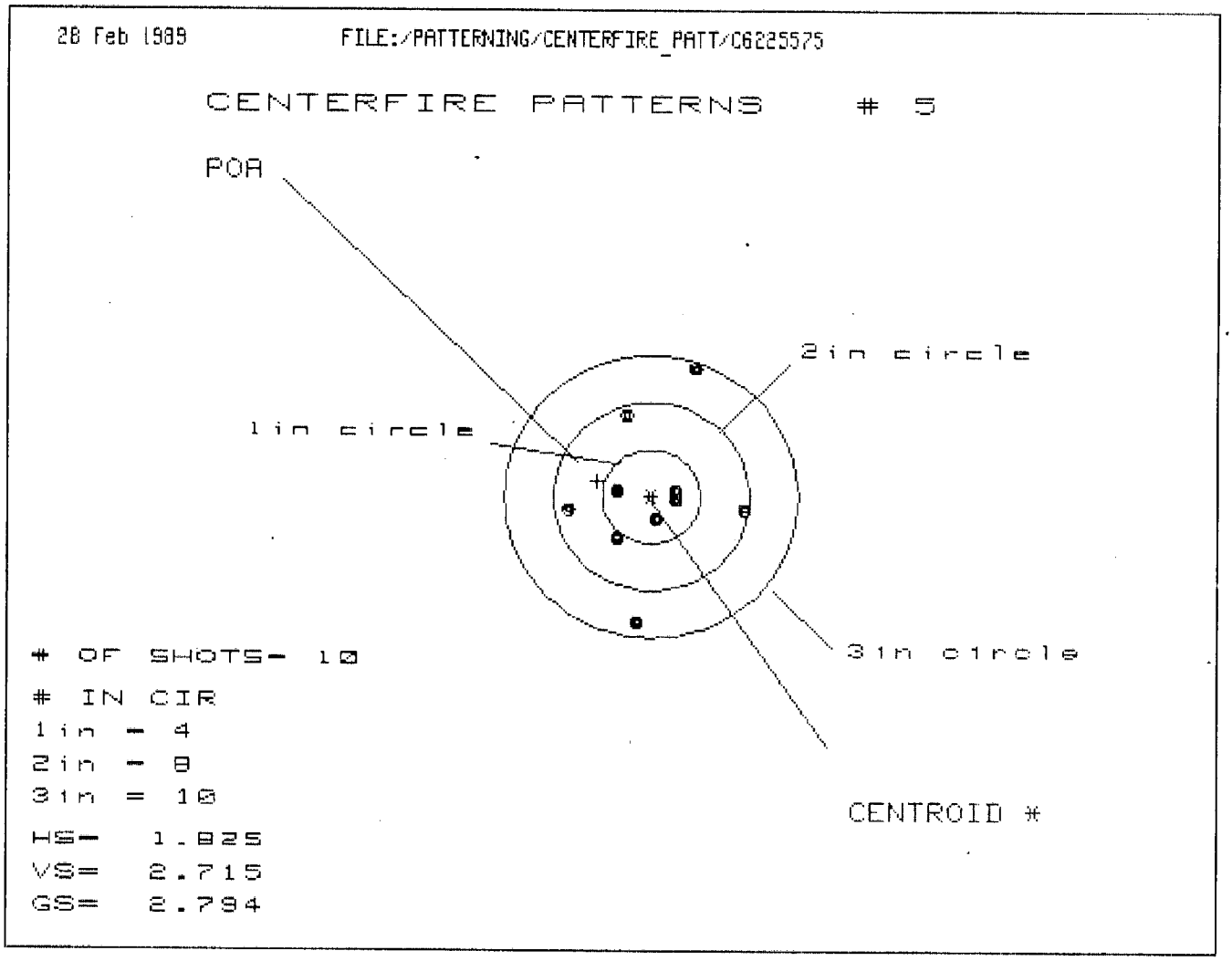
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.936	1.007	1.009
MINIMUM X	:	-.942	-.871	-.869
MAXIMUM Y	:	1.404	1.033	.903
MINIMUM Y	:	-1.196	-1.040	-.905
CENTROID X	:	.256	.185	.183
CENTROID Y	:	.022	-.134	-.004
POA TO CENTROID in.	:	.257	.228	.183
MIN RADIUS	:	.244	.375	.321
MEAN RADIUS	:	.963	.885	.862
MAX RADIUS	:	1.545	1.274	1.179
HORIZONTAL SPREAD	:	1.878	1.878	1.878
VERTICAL SPREAD	:	2.600	2.073	1.808
EXTREME SPREAD	:	2.694	2.175	2.175
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.131	1.053	1.039
MINIMUM X	:	-1.124	-1.202	-1.070
MAXIMUM Y	:	1.077	1.047	1.132
MINIMUM Y	:	-1.175	-1.055	-.970
CENTROID X	:	.608	.686	.554
CENTROID Y	:	.223	.103	.018
POA TO CENTROID in.	:	.648	.694	.555
MIN RADIUS	:	.430	.302	.257
MEAN RADIUS	:	1.026	.977	.930
MAX RADIUS	:	1.285	1.291	1.222
HORIZONTAL SPREAD	:	2.255	2.255	2.109
VERTICAL SPREAD	:	2.252	2.102	2.102
EXTREME SPREAD	:	2.500	2.447	2.389
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.205	1.259	1.347
MINIMUM X	:	-1.072	-1.018	-.930
MAXIMUM Y	:	1.334	1.175	.890
MINIMUM Y	:	-1.431	-.693	-.546
CENTROID X	:	.257	.203	.115
CENTROID Y	:	-.157	.002	-.145
POA TO CENTROID in.	:	.301	.203	.185
MIN RADIUS	:	.156	.220	.051
MEAN RADIUS	:	.923	.862	.753
MAX RADIUS	:	1.513	1.437	1.453
HORIZONTAL SPREAD	:	2.277	2.277	2.277
VERTICAL SPREAD	:	2.765	1.868	1.436
EXTREME SPREAD	:	2.808	2.692	2.692
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.965	1.018	1.002
MINIMUM X	:	-.860	-.807	-.823
MAXIMUM Y	:	1.382	1.059	.912
MINIMUM Y	:	-1.333	-1.180	-.470
CENTROID X	:	.551	.498	.514
CENTROID Y	:	-.166	-.319	-.172
POA TO CENTROID in.	:	.575	.591	.542
MIN RADIUS	:	.220	.175	.256
MEAN RADIUS	:	.727	.637	.560
MAX RADIUS	:	1.462	1.187	1.015
HORIZONTAL SPREAD	:	1.825	1.825	1.825
VERTICAL SPREAD	:	2.715	2.239	1.382
EXTREME SPREAD	:	2.794	2.239	1.825
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

SWS TRIGGER PULL TEST

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

SERIAL NO. 5595

DATE 4-2-90

TESTER JJL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.54		2.47	MIN. SETTING,
PULL #2	2.51	2.57		2.46	NO AVG. OF 5
PULL #3	2.48	2.58		2.46	READINGS ACCEPT-
PULL #4	2.53	2.55		2.51	ABLE LESS THAN 2#
PULL #5	2.58	2.34		2.43	
TOTAL	12.56	12.58		12.33	
AVG.	2.512	2.516		2.466	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.47		
PULL #2	3.40	3.41		
PULL #3	3.36	3.42		
PULL #4	3.40	3.46		
PULL #5	3.40	3.46		
TOTAL	17.02	17.22		
AVG.	3.404	3.444		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.34		
PULL #2	4.30	4.30		
PULL #3	4.31	4.31		
PULL #4	4.34	4.37		
PULL #5	4.30	4.39		
TOTAL	21.61	21.71		
AVG.	4.322	4.342		