BARBER - M24 0065028

C6649119

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

BARBER - M24 0065067

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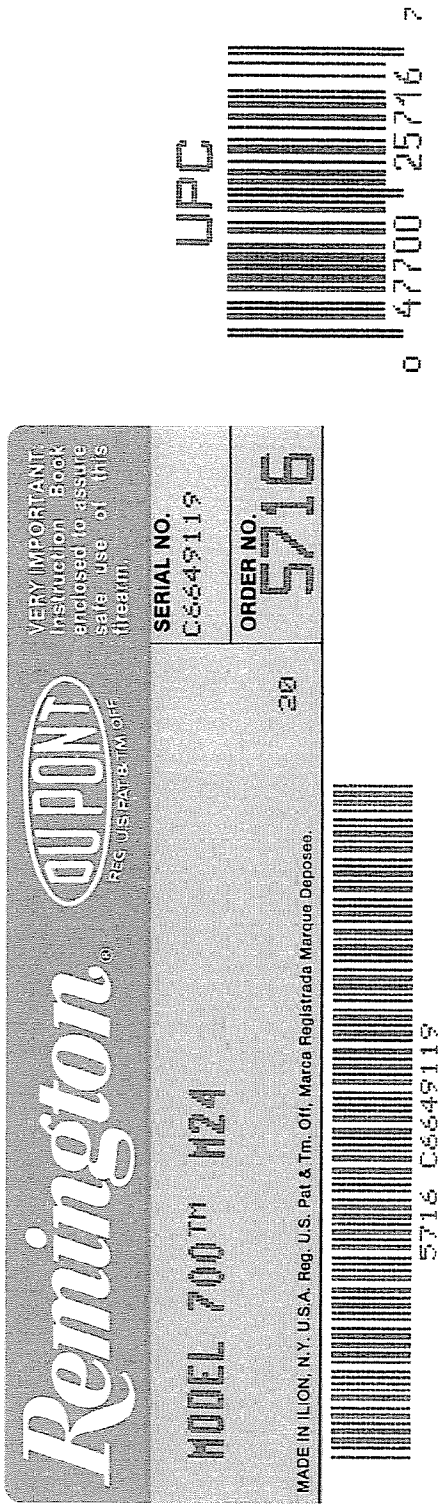
UPC
0 47700 25716 7
Remington®
DUPONT
REGISTERED TM OFF
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C6649119
ORDER NO.
5716
MODEL 700™ M24
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.
5716 C6649119

MOD. _____ GA. CAL. _____ GUN # 9119

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
NF	8/13	Shaves Brass	KS
	2nd		
	8/14/91	Polish face of Bolt 100 Rd Test	RW
	3rd		
	4th		
		FUNCTION RD 6654	Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	shot OK	
TEST	test	
TGT	8-14-91 AH	
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649119

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/91	[illegible]
600	Proof		6/27/91	[illegible]
607	Check Headspace		6/27/91	[illegible]
610	Dis-assemble Gun		6/27/91	[illegible]
612	Magnaflux Barrel Action		JUL 1 8 1991	GS
	Magnaflux Bolt		JUL 1 8 1991	GS
615	Rollmark Caliber		JUL 1 8 1991	GS
617	Drill and Tap Sight Holes		JUL 1 8 1991	FB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		7-01	[illegible]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/91	KA
	C) Inspect Ejector Hole for Chamfer		8/8/91	KA
	D) Oil Firing Pin Ass'y		8/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8-9-91	[illegible]

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op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-9-91	[illegible]
	G) Safety Off Force	4	4	4			8-9-91	[illegible]
	H) Trigger Pull Test & Retainability						8-9-91	[illegible]
	I) Firing Pin Indent	.0215	.022	.0022			8-9-91	[illegible]
	J) Assemble Stock						8/12/91	[illegible]
	K) Assemble Swivel Studs						8-14-91	DH
	L) Attach Front and Rear Sight Assemblies						8/12/91	[illegible]
	M) Iron Sight Alignment						8/12/91	[illegible]
	N) Detach Front & Rear Sights & place in numbered container						8/12/91	[illegible]
	O) Attach Scope to Rifle						8/12/91	[illegible]
	P) Detach & Attach Scope 20 Times						8/12/91	[illegible]
640	Gallery Target & Test						8-13-91	[illegible]
	A) Time						"	[illegible]
	B) Malfunctions						"	[illegible]
	C) Pierced Primers						"	[illegible]
	D) Optical Clearity of Scope						"	[illegible]
645	Inspect for Live Ammo						8-13-91	[illegible]
655	Final Inspection A) Headspace						8-14-91	DH
	B) Trigger Pull	2.61	2.69	2.39	2.67	2.66	8-19-91	[illegible]
	C) Function						8-14-91	DH
660	Pack						9-19-91	[illegible]

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CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649119
23 Aug 1991

CENTROIDAL DISTANCES

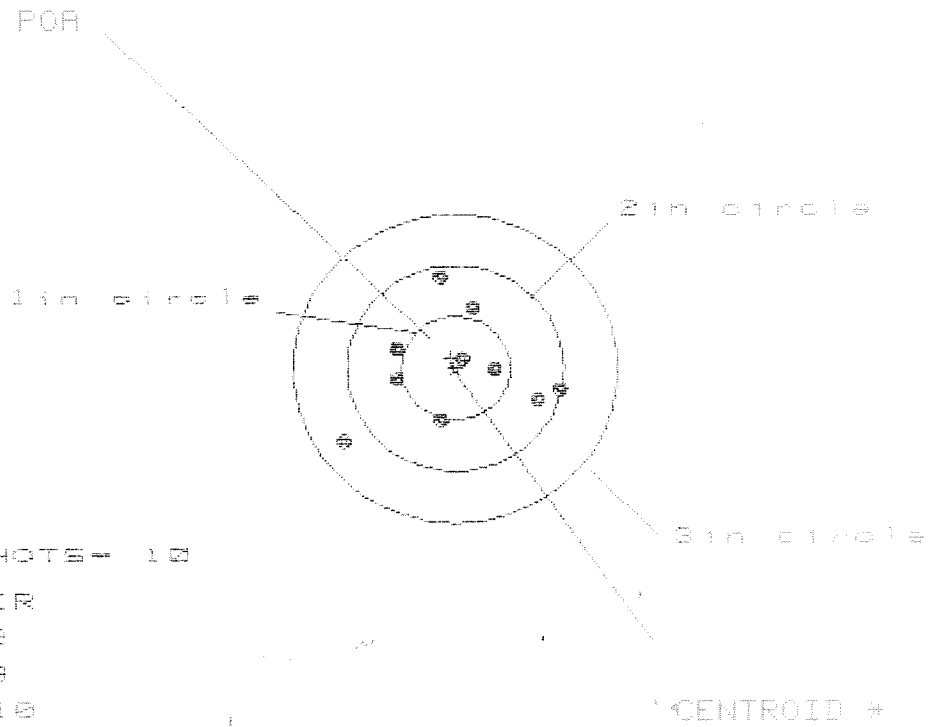
0	TO	1	.101237
1	TO	2	.272738
1	TO	3	.279501
1	TO	4	.189652
1	TO	5	.153447

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1038
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0374
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110332

THE AMR FOR THIS RIFLE IS: .8268

29 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/08849113

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.030

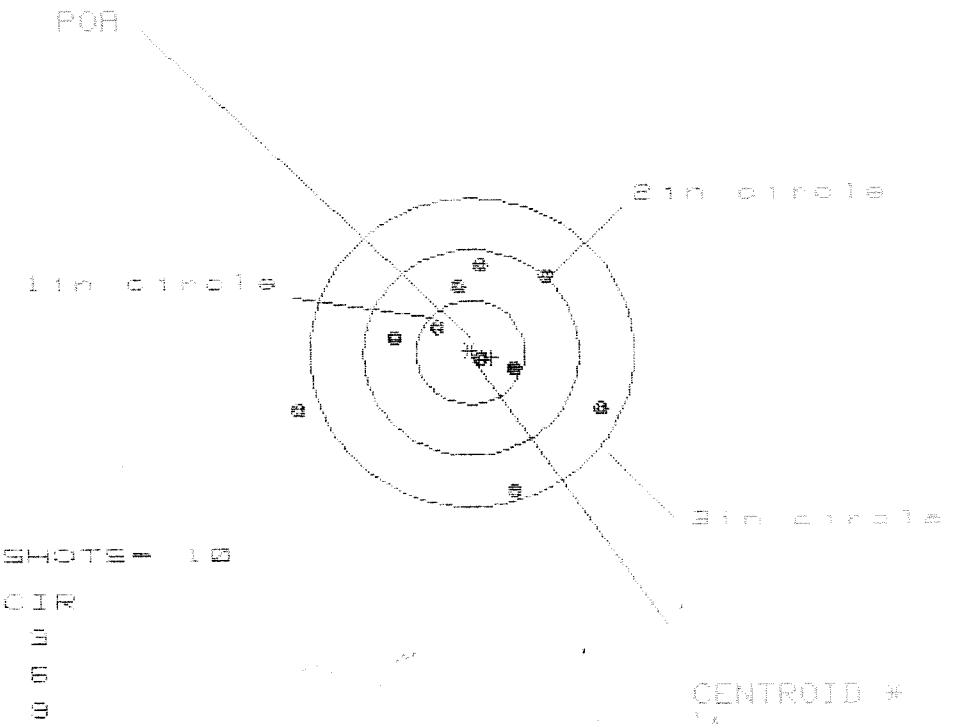
VS= 1.622

GS= 2.106

PATTERN #	:	[redacted]	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.998	.884	.743
MINIMUM X	:	-1.032	-.622	-.512
MAXIMUM Y	:	.903	.823	.793
MINIMUM Y	:	-.719	-.636	-.666
CENTROID X	:	.040	.154	.044
CENTROID Y	:	-.093	-.013	.017
POA TO CENTROID in.	:	.101	.155	.047
MIN RADIUS	:	.056	.089	.071
MEAN RADIUS	:	.671	.598	.551
MAX RADIUS	:	1.250	.915	.847
HORIZONTAL SPREAD	:	2.030	1.506	1.255
VERTICAL SPREAD	:	1.622	1.459	1.459
EXTREME SPREAD	:	2.106	1.588	1.518
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6849113

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.787

VS= 2.234

GS= 2.787

PATTERN #	:	2	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	.999	1.024
MINIMUM X	:	-1.609	-.859	-.834
MAXIMUM Y	:	.888	.832	.656
MINIMUM Y	:	-1.346	-1.402	-.776
CENTROID X	:	-.191	-.012	-.037
CENTROID Y	:	.052	.108	.284
POA TO CENTROID in.	:	.198	.109	.286
MIN RADIUS	:	.062	.161	.289
MEAN RADIUS	:	.646	.749	.651
MAX RADIUS	:	1.607	1.417	1.285
HORIZONTAL SPREAD	:	2.787	1.858	1.858
VERTICAL SPREAD	:	2.234	2.234	1.432
EXTREME SPREAD	:	2.787	2.256	1.984

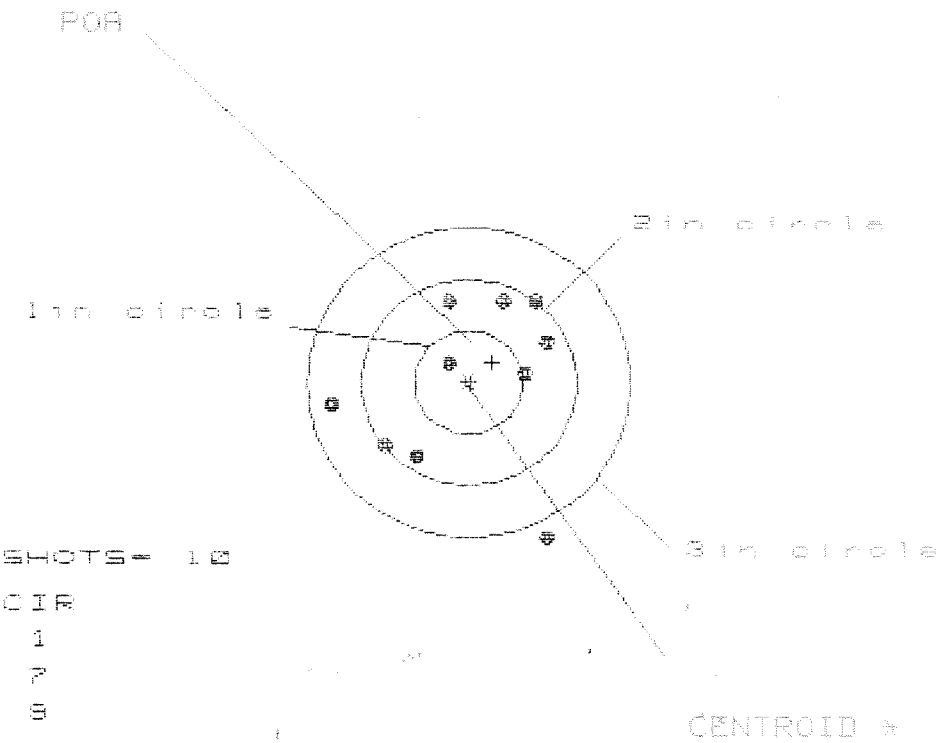
NUMBER IN ONE INCH CIRCLE = 3

NUMBER IN TWO INCH CIRCLE = 6

NUMBER IN THREE INCH CIRCLE = 9

23 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/08B48119

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.983

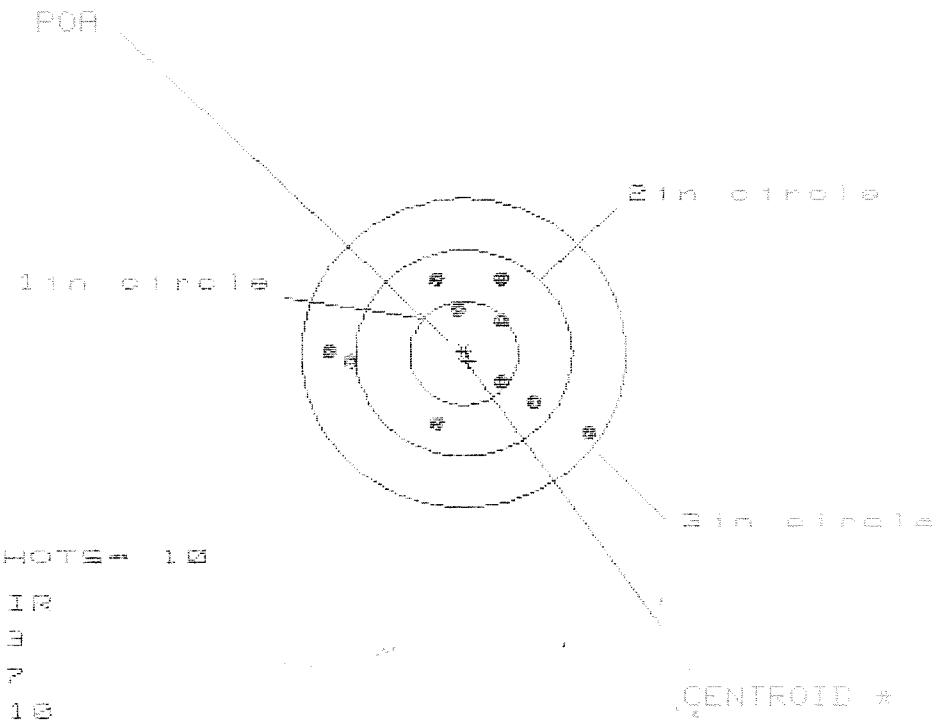
VS= 2.345

GS= 2.500

PATTERN #	:	5	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.732	.809	.662
MINIMUM X	:	-1.251	-1.174	-.815
MAXIMUM Y	:	.821	.652	.686
MINIMUM Y	:	-1.524	-.883	-.929
CENTROID X	:	-.221	-.298	-.151
CENTROID Y	:	-.193	-.024	.022
POA TO CENTROID in.	:	.294	.299	.152
MIN RADIUS	:	.283	.136	.283
MEAN RADIUS	:	.917	.801	.728
MAX RADIUS	:	1.671	1.232	1.192
HORIZONTAL SPREAD	:	1.983	1.983	1.477
VERTICAL SPREAD	:	2.345	1.535	1.535
EXTREME SPREAD	:	2.500	2.123	2.000
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6845113

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 3
2in = 7
3in = 10

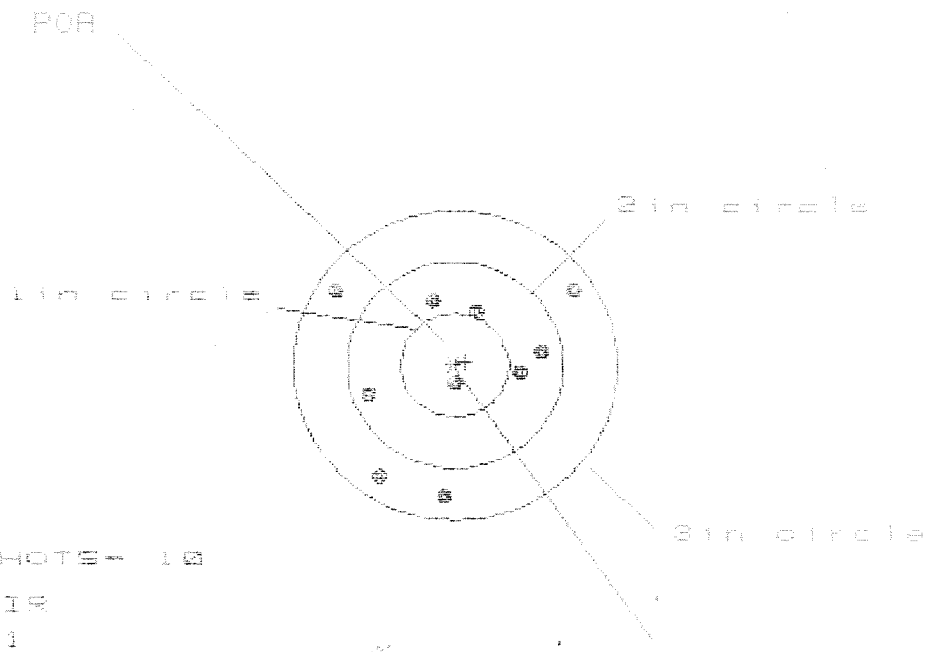
HS= 2.436
VS= 1.572
GS= 2.583

PATTERN #	:	4	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.154	.823	.679
MINIMUM X	:	-1.282	-1.154	-1.069
MAXIMUM Y	:	.768	.679	.675
MINIMUM Y	:	-.804	-.729	-.735
CENTROID X	:	-.048	-.176	-.082
CENTROID Y	:	.075	.164	.168
POA TO CENTROID in.	:	.089	.241	.171
MIN RADIUS	:	.400	.342	.346
MEAN RADIUS	:	.818	.749	.672
MAX RADIUS	:	1.406	1.154	1.089
HORIZONTAL SPREAD	:	2.436	1.977	1.748
VERTICAL SPREAD	:	1.572	1.408	1.408
EXTREME SPREAD	:	2.583	2.045	1.784

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

28 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B49119

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 10

HS= 2.198
VS= 1.997
GS= 2.515

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	.965	.966
MINIMUM X	:	-1.056	-.929	-.928
MAXIMUM Y	:	.718	.794	.644
MINIMUM Y	:	-1.279	-1.203	-1.122
CENTROID X	:	-.099	-.226	-.227
CENTROID Y	:	-.028	-.104	.046
POA TO CENTROID in.	:	.103	.249	.231
MIN RADIUS	:	.137	.095	.218
MEAN RADIUS	:	.862	.831	.777
MAX RADIUS	:	1.334	1.222	1.249
HORIZONTAL SPREAD	:	2.198	1.894	1.894
VERTICAL SPREAD	:	1.997	1.997	1.766
EXTREME SPREAD	:	2.515	2.205	1.981

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 6
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. C-6649119
DATE 8-9-91
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.61	2.38	2.61	MIN. SETTING,
PULL #2	2.68	2.44	2.40	2.69	NO AVG. OF 5
PULL #3	2.56	2.43	2.49	2.39	READINGS ACCEPT-
PULL #4	2.68	2.40	2.44	2.67	ABLE LESS THAN 2#
PULL #5	2.69	2.44	2.40	2.66	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.43		
PULL #2	3.55	3.39		
PULL #3	3.53	3.38		
PULL #4	3.47	3.57		
PULL #5	3.39	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.44		4.38
PULL #2	4.60	4.52		4.35
PULL #3	4.38	4.43		4.56
PULL #4	4.53	4.48		4.36
PULL #5	4.53	4.49		4.54
TOTAL				
AVG.				

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