

C6523504

MODEL 700™ M24

Model **SMS**™

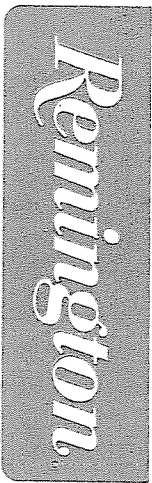
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24-0029223

R ORDER
94-18405

W/10X SCOPE,M-24 SNIPER,W/DEPLOYMENT KIT
ATTN: FRED MARTIN

ACCESSORIES	SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE
-------------	-------------	-----------	------------	------------

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

AL 36261-5025

AL
34201-5025

CUST NO: 098397 C.A.D L

WRITE _____

FRT

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

TOTAL

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

PARTS	COMMENTS
-------	----------

ARTS		
Trigger Assy		173.71
Scope Rep		119.43
Clean / Insp / Prep		30.00
		<u>343.14</u>

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
----------------	------	------	------	------	------

RD6925 REV 1/94

BARBER - M24 ~~0029229~~ **M2400029262**

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

SERIAL NO. C65 23504DATE 10-26-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.45	2.45		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.53	2.52		
PULL #3	2.62	2.70	2.60		
PULL #4	2.54	2.60	2.36		
PULL #5	2.54	2.51	2.39		
TOTAL	12.68	12.79	12.32		
AVG.	2.53	2.55	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.14		
PULL #2	3.24	3.18		
PULL #3	3.23	2.98		
PULL #4	3.17	3.10		
PULL #5	3.08	3.05		
TOTAL	16.04	15.45		
AVG.	3.20	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.23	4.07	
PULL #2	4.25	4.21	4.07	
PULL #3	4.07	4.28	4.00	
PULL #4	4.21	4.21	4.00	
PULL #5	4.20	4.21	3.91	
TOTAL	21.05	21.14	20.05	
AVG.	4.21	4.22	4.01	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523504

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
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			

BARBER - M24 0029226

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 3/4	4 3/4	4 3/4			11/28	WB
	G) Safety Off Force	3	3	3			11/28	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.70	2.26	2.35	2.30	2.34	11/28	WB
	C) Function							
660	Pack							

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

Remington
REG. U.S. PAT. & TM. OFF.

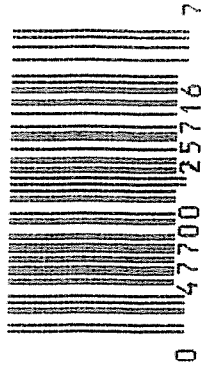
MODEL 700™ M24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

SERIAL NO.
C6523504

ORDER NO.
5716

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523504

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	SL
600	Proof		10/1/90	SL
607	Check Headspace		10/1/90	SL
610	Dis-assemble Gun		10/1/90	SL
612	Magnaflux Barrel Action		10/3/90	KP
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	SL
617	Drill and Tap Sight Holes		10/4/90	WB
618	Polish Barrel AB		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/24/90	WB
	C) Inspect Ejector Hole for Chamfer		10/24/90	WB
	D) Oil Firing Pin Ass'y		10/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/90	JA

BARBER - M24 0029229

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			10/30/90	WB
	G) Safety Off Force	2	2	2			10/30/90	WB
	H) Trigger Pull Test & Retainability						10/24/90	JH
	I) Firing Pin Indent	.021	.020	.0205			10/30/90	WB
	J) Assemble Stock						10/31/90	KH
	K) Assemble Swivel Studs						11/19/90	QD
	L) Attach Front and Rear Sight Assemblies						10/31/90	KH
	M) Iron Sight Alignment						10/31/90	KH
	N) Detach Front & Rear Sights & place in numbered container						10/31/90	KH
	O) Attach Scope to Rifle						10/31/90	KH
	P) Detach & Attach Scope 20 Times						10/31/90	KH
640	Gallery Target & Test						11-1-90	KT
	A) Time						11-1-90	KT
	B) Malfunctions						11-1-90	KT
	C) Pierced Primers						11-1-90	KT
	D) Optical Clarity of Scope						11-1-90	KT
645	Inspect for Live Ammo						11-1-90	KT
655	Final Inspection						11/19/90	QD
	A) Headspace						11/19/90	QD
	B) Trigger Pull	243	240	248	248	252	11/19/90	QD
	C) Function						11/19/90	QD
660	Pack						12/18/90	VF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523504
2 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.0735935
1 TO 2	.2461
1 TO 3	.314871
1 TO 4	.311718
1 TO 5	.200392

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0606

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.013

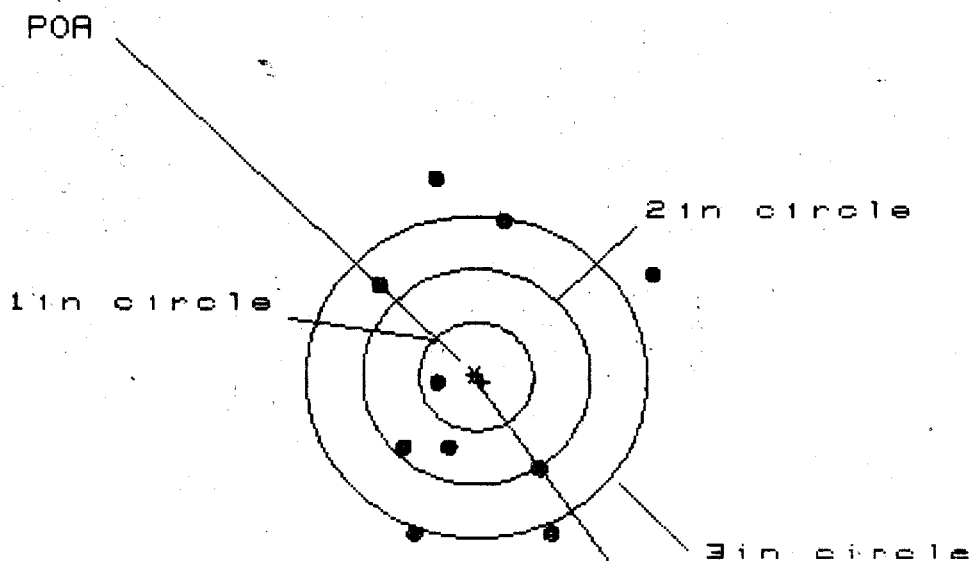
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0619767

THE AMR FOR THIS RIFLE IS: 1.123

2 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523584

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.337

VS= 3.294

GS= 3.427

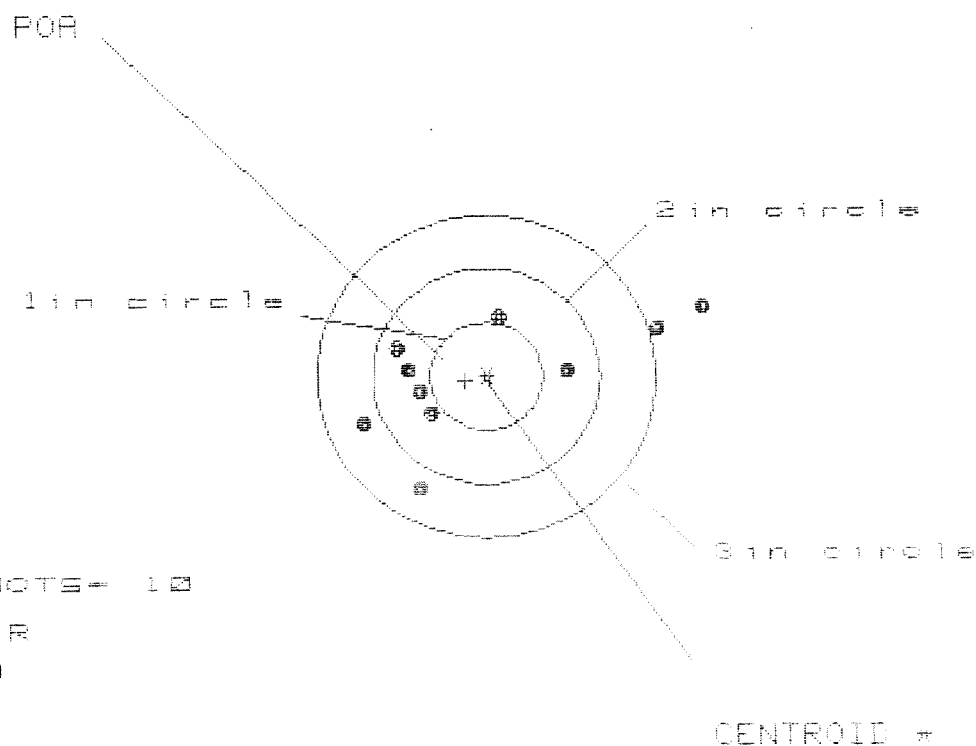
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.531	1.495	.773
MINIMUM X	:	-.806	-.842	-.655
MAXIMUM Y	:	1.839	1.671	1.813
MINIMUM Y	:	-1.455	-1.251	-1.109
CENTROID X	:	-.054	-.018	-.205
CENTROID Y	:	.050	-.154	-.296
POA TO CENTROID in.	:	.074	.155	.360
MIN RADIUS	:	.344	.408	.303
MEAN RADIUS	:	1.234	1.131	.972
MAX RADIUS	:	1.868	1.875	1.851
HORIZONTAL SPREAD	:	2.337	2.337	1.428
VERTICAL SPREAD	:	3.294	2.922	2.922
EXTREME SPREAD	:	3.427	3.164	3.023
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

2 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523504

CENTERFIRE PATTERNS # 2

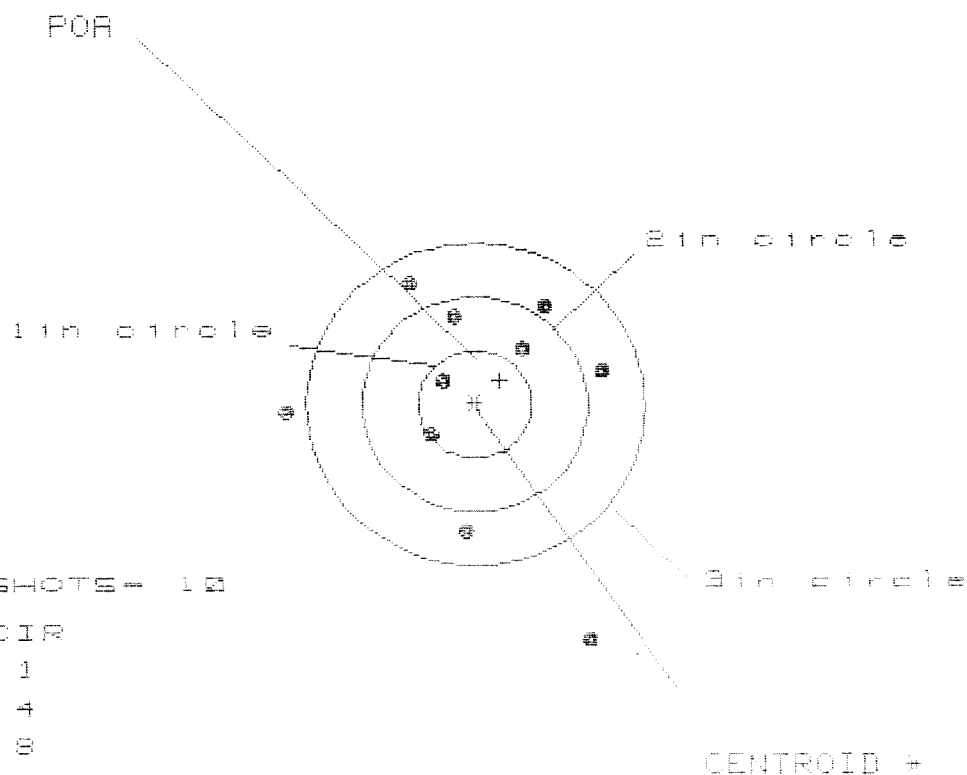


PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.861	1.762	1.127
MINIMUM X	-1.087	-0.880	-0.660
MAXIMUM Y	.619	.599	.668
MINIMUM Y	-1.068	-0.999	-0.930
CENTROID X	.192	-.015	-.235
CENTROID Y	.043	-.026	-.095
POR TO CENTROID in.	.196	.030	.234
MIN RADIUS	.548	.410	.193
MEAN RADIUS	.998	.827	.614
MAX RADIUS	1.962	1.846	1.152
HORIZONTAL SPREAD	2.948	2.642	1.787
VERTICAL SPREAD	1.687	1.598	1.598
EXTREME SPREAD	3.132	2.798	1.867
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

2 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06523504

CENTERFIRE PATTERNS # 3

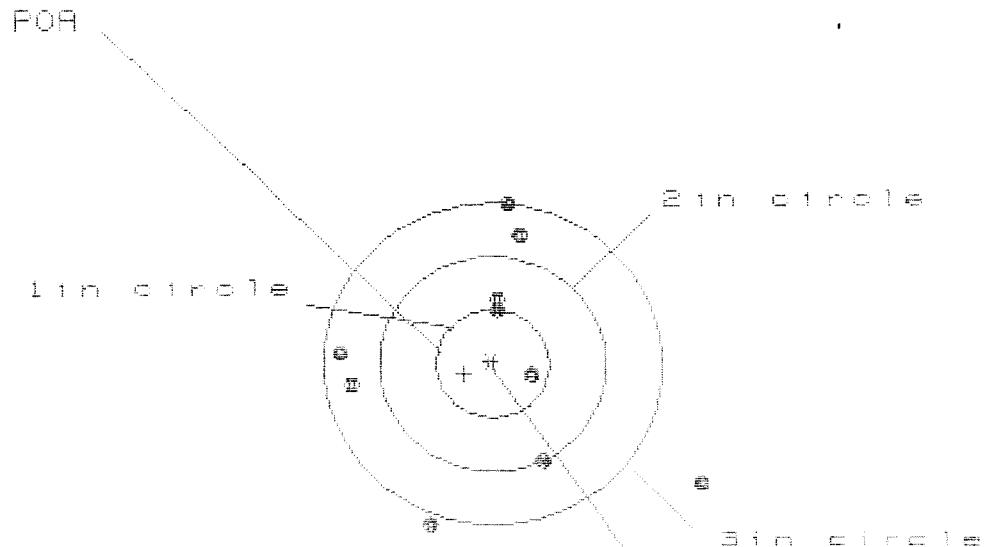


PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.116
MINIMUM X	-1.665
MAXIMUM Y	1.113
MINIMUM Y	-2.229
CENTROID X	-.216
CENTROID Y	-.220
POA TO CENTROID in.	.308
MIN RADIUS	.305
MEAN RADIUS	1.119
MAX RADIUS	2.439
HORIZONTAL SPREAD	2.781
VERTICAL SPREAD	3.342
EXTREME SPREAD	3.681
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

2 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523504

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.160

VS= 3.050

GS= 3.359

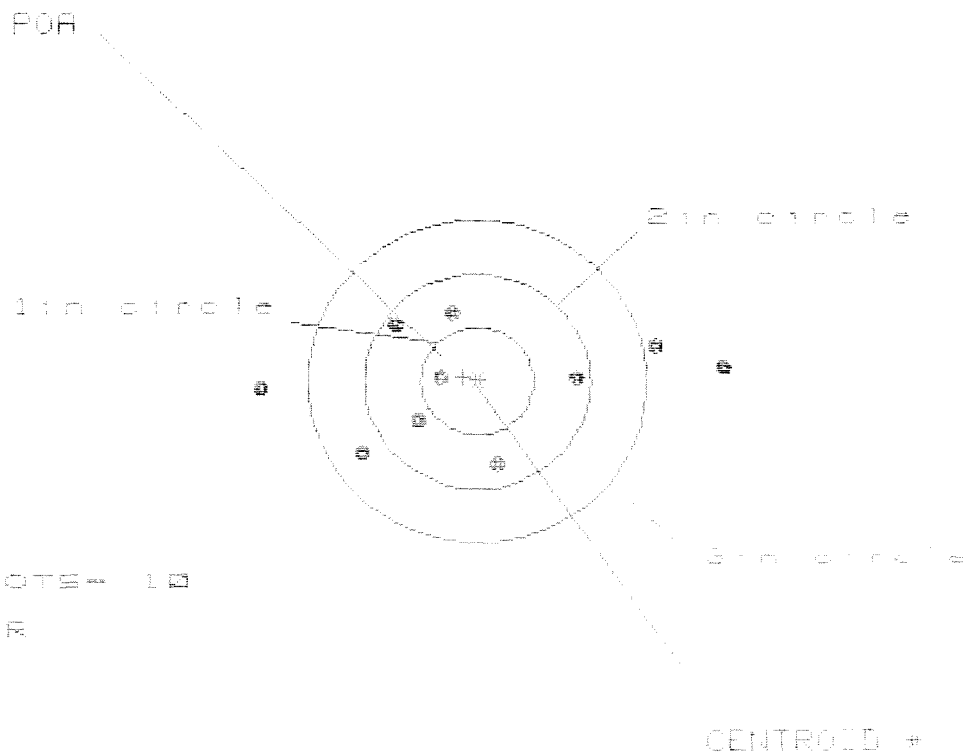
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.824	.686	.646
MINIMUM X	-1.336	-1.133	-1.173
MAXIMUM Y	1.507	1.388	1.180
MINIMUM Y	-1.543	-1.662	-1.225
CENTROID X	.254	.051	.091
CENTROID Y	.098	.217	.425
POA TO CENTROID in.	.272	.223	.485
MIN RADIUS	.381	.466	.281
MEAN RADIUS	1.153	1.032	.991
MAX RADIUS	2.117	1.692	1.385
HORIZONTAL SPREAD	3.160	1.819	1.819
VERTICAL SPREAD	3.050	3.050	2.405
EXTREME SPREAD	3.359	3.114	2.434
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

2 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/085235B4

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 7

MS= 4.071

VS= 1.447

GS= 4.078

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	2.149
MINIMUM X	-1.922
MAXIMUM Y	.667
MINIMUM Y	-.780
CENTROID X	.127
CENTROID Y	-.036
POA TO CENTROID in.	.132
MIN RADIUS	.319
MEAN RADIUS	1.112
MAX RADIUS	2.157
HORIZONTAL SPREAD	4.071
VERTICAL SPREAD	1.447
EXTREME SPREAD	4.078
NUMBER IN ONE INCH CIRCLE	= 1
NUMBER IN TWO INCH CIRCLE	= 6
NUMBER IN THREE INCH CIRCLE	= 7

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

SERIAL NO. C6523504DATE 10/29/80TESTER JCL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.31	2.48	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.39	2.36	2.40	
PULL #3	2.31	2.44	2.32	2.48	
PULL #4	2.40	2.44	2.33	2.48	
PULL #5	2.32	2.38	2.30	2.52	
TOTAL	11.69	11.96	11.79		
AVG.	2.338	2.392	2.358		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.20		
PULL #2	3.25	3.17		
PULL #3	3.29	3.22		
PULL #4	3.20	3.26		
PULL #5	3.21	3.32		
TOTAL	16.22	16.17		
AVG.	3.244	3.234		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.30		4.34
PULL #2	4.27	4.30		4.41
PULL #3	4.25	4.20		4.38
PULL #4	4.30	4.31		4.43
PULL #5	4.28	4.33		4.50
TOTAL	21.31	21.44		22.06
AVG.	4.262	4.288		4.412