

06587651

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

R 94-18124

INITIAL
FDC

CUSTOMER ORDER NO.

DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN90-
SCOPE 0876

DATE RECEIVED

06/09/94

DATE OPENED

06/09/94

DATE CODE

SERIAL NUMBER

C6587651

NEW SERIAL NUMBER

MODEL AND GRADE

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

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

AL 36201-5025

SHIP TO:

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

AL

36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

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

MAIN FAULT

PARTS

COMMENTS

Trigger Assy 173.31
x Firing pin Assy 9.96
Scope Rep 119.43
Clean/Insp/Prep 50.00
~~353.70~~
353.10

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2400024573

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587651DATE 11-29-94TESTER BM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.64	2.64		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.61	2.63		
PULL #3	2.56	2.49	2.52		
PULL #4	2.47	2.67	2.66		
PULL #5	2.66	2.53	2.65		
TOTAL	12.83	12.94	13.10		
AVG.	2.56	2.58	2.62		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.19		
PULL #2	3.26	3.08		
PULL #3	3.21	3.18		
PULL #4	3.06	3.03		
PULL #5	3.09	3.05		
TOTAL	15.73	15.53		
AVG.	3.14	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	3.97		4.18
PULL #2	4.01	4.03		4.05
PULL #3	4.03	4.01		4.04
PULL #4	4.02	3.98		4.05
PULL #5	4.10	4.01		4.09
TOTAL	20.19	20.00		20.41
AVG.	4.03	4.00		4.08

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587651

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			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5 1/2 5 3/4 5 1/2	11/22	WB
	G) Safety Off Force	3 1/2 3 1/2 3 1/2	11/22	WB
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent	.0225 .023 .023	11/21/95	RW
	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			
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	2.49 2.42 2.42 2.39 2.37		
	C) Function			
660	Pack			

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

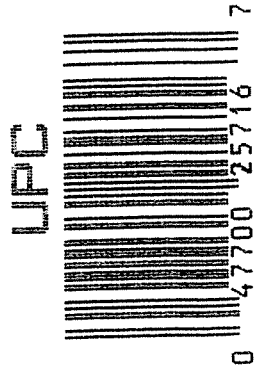
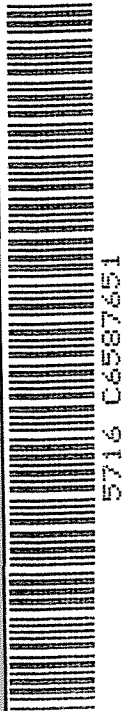
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM H24

SERIAL NO.
C6587651

ORDER NO.
5716

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587651

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	RP
	Magnaflux Bolt		"	RP
615	Rollmark Caliber		"	J.S.
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TJH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	FL

Op. #	BARBER - M24 0024540	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/16/90	WB
	G) Safety Off Force	2	2	2			11/16/90	WB
	H) Trigger Pull Test & Retainability						11/16/90	JH
	I) Firing Pin Indent	.0715	.022	.022			11/16/90	WB
	J) Assemble Stock						11/28/90	RW
	K) Assemble Swivel Studs						12-1-90	JH
	L) Attach Front and Rear Sight Assemblies						11/28/90	RW
	M) Iron Sight Alignment						11/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/28/90	RW
	O) Attach Scope to Rifle						11/28/90	RW
	P) Detach & Attach Scope 20 Times						11/28/90	RW
640	Gallery Target & Test						11/29/90	DH
	A) Time						11-30-90	DH
	B) Malfunctions						11-30-90	DH
	C) Pierced Primers						11-30-90	DH
	D) Optical Clarity of Scope						11-30-90	DH
645	Inspect for Live Ammo						11/29/90	DH
655	Final Inspection							
	A) Headspace						12-1-90	JH
	B) Trigger Pull	283	274	268	268	268	12-1-90	JH
	C) Function						12-1-90	JH
660	Pack						12/18/90	NF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587651
30 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.16985
1 TO	2	.420577
1 TO	3	.168155
1 TO	4	.210488
1 TO	5	.0671789

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0494
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.159
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .166497

THE AMR FOR THIS RIFLE IS: 1.017

30 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587651

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 1.875

VS= 2.925

GS= 2.941

CENTROID *

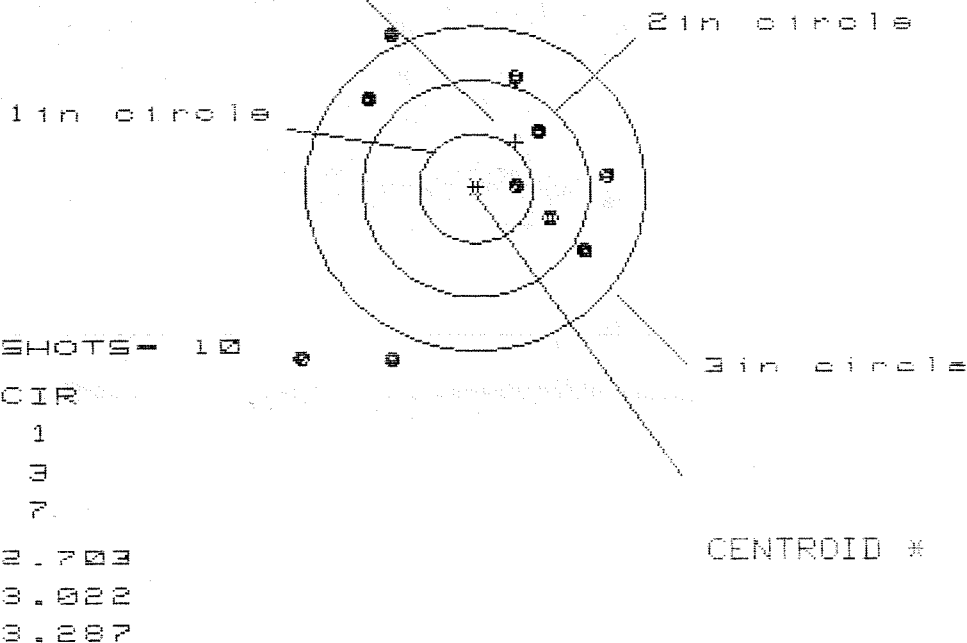
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.665	.683	.668
MINIMUM X	:	-1.210	-1.192	-1.207
MAXIMUM Y	:	1.234	1.046	1.025
MINIMUM Y	:	-1.691	-1.244	-1.114
CENTROID X	:	-.025	-.043	-.028
CENTROID Y	:	-.168	.020	-.110
POA TO CENTROID in.	:	.169	.048	.114
MIN RADIUS	:	.471	.423	.524
MEAN RADIUS	:	1.017	.927	.904
MAX RADIUS	:	1.699	1.313	1.227
HORIZONTAL SPREAD	:	1.875	1.875	1.875
VERTICAL SPREAD	:	2.925	2.290	2.139
EXTREME SPREAD	:	2.941	2.353	2.280
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

30 Nov 1998

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CENTERFIRE PATTERNS # 2

POA

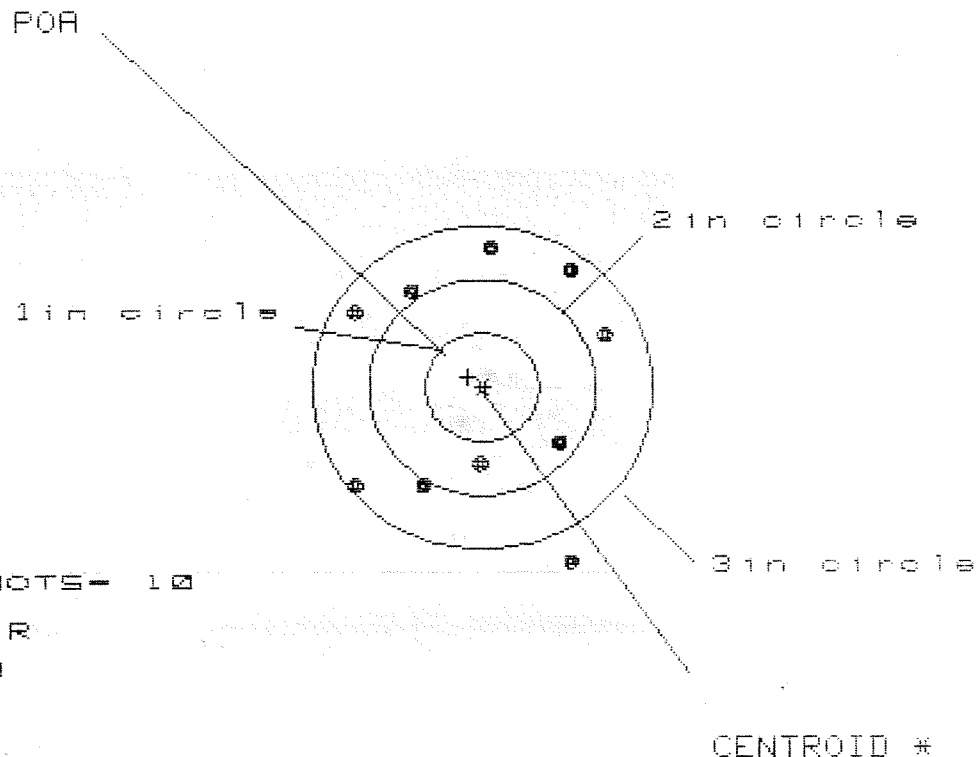


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	.993	.885
MINIMUM X	:	-1.539	-1.163	-1.271
MAXIMUM Y	:	1.428	1.251	1.036
MINIMUM Y	:	-1.594	-1.718	-.994
CENTROID X	:	-.354	-.183	-.075
CENTROID Y	:	-.430	-.253	-.038
POA TO CENTROID in.	:	.557	.313	.084
MIN RADIUS	:	.343	.237	.254
MEAN RADIUS	:	1.206	1.026	.882
MAX RADIUS	:	2.215	1.925	1.475
HORIZONTAL SPREAD	:	2.703	2.156	2.156
VERTICAL SPREAD	:	3.022	2.969	2.030
EXTREME SPREAD	:	3.287	2.970	2.652
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08587651

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 2.184

VS= 2.842

GS= 3.012

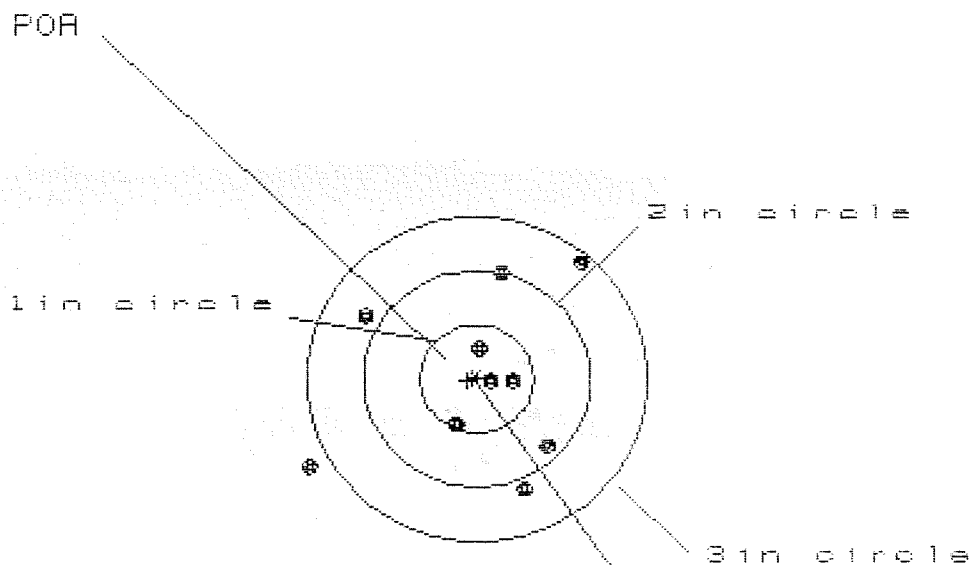
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.025	1.110	.977
MINIMUM X	:	-1.159	-1.074	-1.207
MAXIMUM Y	:	1.261	1.086	.956
MINIMUM Y	:	-1.581	-1.038	-1.166
CENTROID X	:	.125	.040	.173
CENTROID Y	:	-.092	.083	.213
POA TO CENTROID in.	:	.155	.092	.274
MIN RADIUS	:	.681	.850	.842
MEAN RADIUS	:	1.188	1.119	1.057
MAX RADIUS	:	1.755	1.485	1.289
HORIZONTAL SPREAD	:	2.184	2.184	2.184
VERTICAL SPREAD	:	2.842	2.124	2.122
EXTREME SPREAD	:	3.012	2.777	2.363
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

30 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08587651

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS= 2.368

VS= 2.045

GS= 3.044

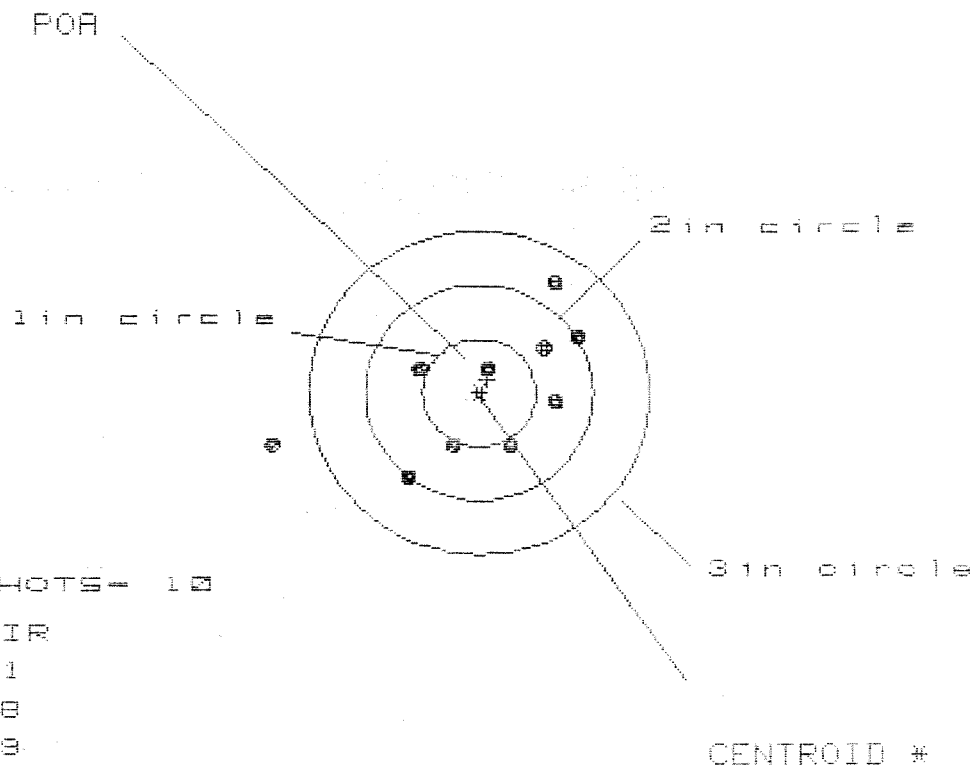
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.937	.778	.541
MINIMUM X	:	-1.431	-1.129	-1.032
MAXIMUM Y	:	1.078	.985	1.036
MINIMUM Y	:	-.968	-1.060	-.937
CENTROID X	:	.079	.238	.141
CENTROID Y	:	.015	.107	-.016
POA TO CENTROID in.	:	.081	.261	.142
MIN RADIUS	:	.072	.121	.040
MEAN RADIUS	:	.830	.723	.640
MAX RADIUS	:	1.657	1.255	1.178
HORIZONTAL SPREAD	:	2.368	1.907	1.573
VERTICAL SPREAD	:	2.045	2.045	1.973
EXTREME SPREAD	:	3.044	2.109	2.051
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Nov 1998

FILE: \PATTERNING\CENTERFIRE_PATT\08587651

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS = 2.657

VS = 1.826

GS = 2.971

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.854	.653	.718
MINIMUM X	-1.803	-.783	-.718
MAXIMUM Y	1.055	.998	.548
MINIMUM Y	-.771	-.828	-.704
CENTROID X	-.072	.129	.064
CENTROID Y	-.120	-.063	-.187
POA TO CENTROID in.	.140	.143	.198
MIN RADIUS	.239	.229	.311
MEAN RADIUS	.846	.705	.650
MAX RADIUS	1.876	1.140	1.005
HORIZONTAL SPREAD	2.657	1.436	1.436
VERTICAL SPREAD	1.826	1.826	1.252
EXTREME SPREAD	2.971	2.241	1.905
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 6587651

DATE 11-16-98

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.50	2.23	283	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.24	2.25	274	
PULL #3	2.29	2.35	2.26	268	
PULL #4	2.18	2.28	2.11	268	
PULL #5	2.33	2.28	2.30	268	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.34		
PULL #2	3.37	3.30		
PULL #3	3.42	3.32		
PULL #4	3.36	3.33		
PULL #5	3.26	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.23		4.16
PULL #2	4.35	4.30		4.16
PULL #3	4.30	4.32		4.00
PULL #4	4.25	4.27		4.19
PULL #5	4.23	4.37		4.21
TOTAL				
AVG.				