

C6348773

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00085994** Serial: C6348773 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/5/2004 7:57:53 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **COMMANDER** **COMMANDER**

Address 1: **ATTN CW3 SCHLITZ PHO W8009U** **ATTN CW3 SCHLITZ PHO W8009U**

Address 2: **UNIT 35123 BLDG 100** PO Box: **UNIT 35123 BLDG 100** PO Box:

City: **APC** **APC**

State: **XX** Zip Code: **96376** Country: **AP** State: **XX** Zip Code: **96376** Country: **AP**

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search Refresh Close

neglej 10/5/2004 8:06 AM CAPS NUM INS SCPL

start 4 3 Arms Servi 2

Serial Number: **C6348773**

Model: **M24 SWS**



RE00085994

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348773.__0

FILE DATE AND TIME: 11/08/2004 07:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	0.013
The Average Point of Impact of the Five Target Set:	0.025
The Average Mean Radius of the Five Target Set:	0.843
The Distance from POA to Centroid Target #1:	0.225
The Distance from Centroid Target #2 to Centroid Target #1:	0.258
The Distance from Centroid Target #3 to Centroid Target #1:	0.307
The Distance from Centroid Target #4 to Centroid Target #1:	0.365
The Distance from Centroid Target #5 to Centroid Target #1:	0.312

SERIAL NUMBER: C6348773. __0

TARGET NUMBER: 1

FILE DATE: 11/08/2004

FILE TIME: 07:42

POINT#	X	Y
1:	1.151	0.774
2:	-0.392	1.076
3:	0.293	0.382
4:	0.279	0.031
5:	0.500	-0.002
6:	0.584	-0.193
7:	0.954	-0.369
8:	-0.296	-0.473
9:	-0.429	0.037
10:	-0.901	0.165

X CENTROID: 0.174

Y CENTROID: 0.143

POA TO CENTROID: 0.225

HORZ SPREAD: 2.052

VERT SPREAD: 1.549

GROUP SPREAD: 2.140

MIN RADIUS: 0.153

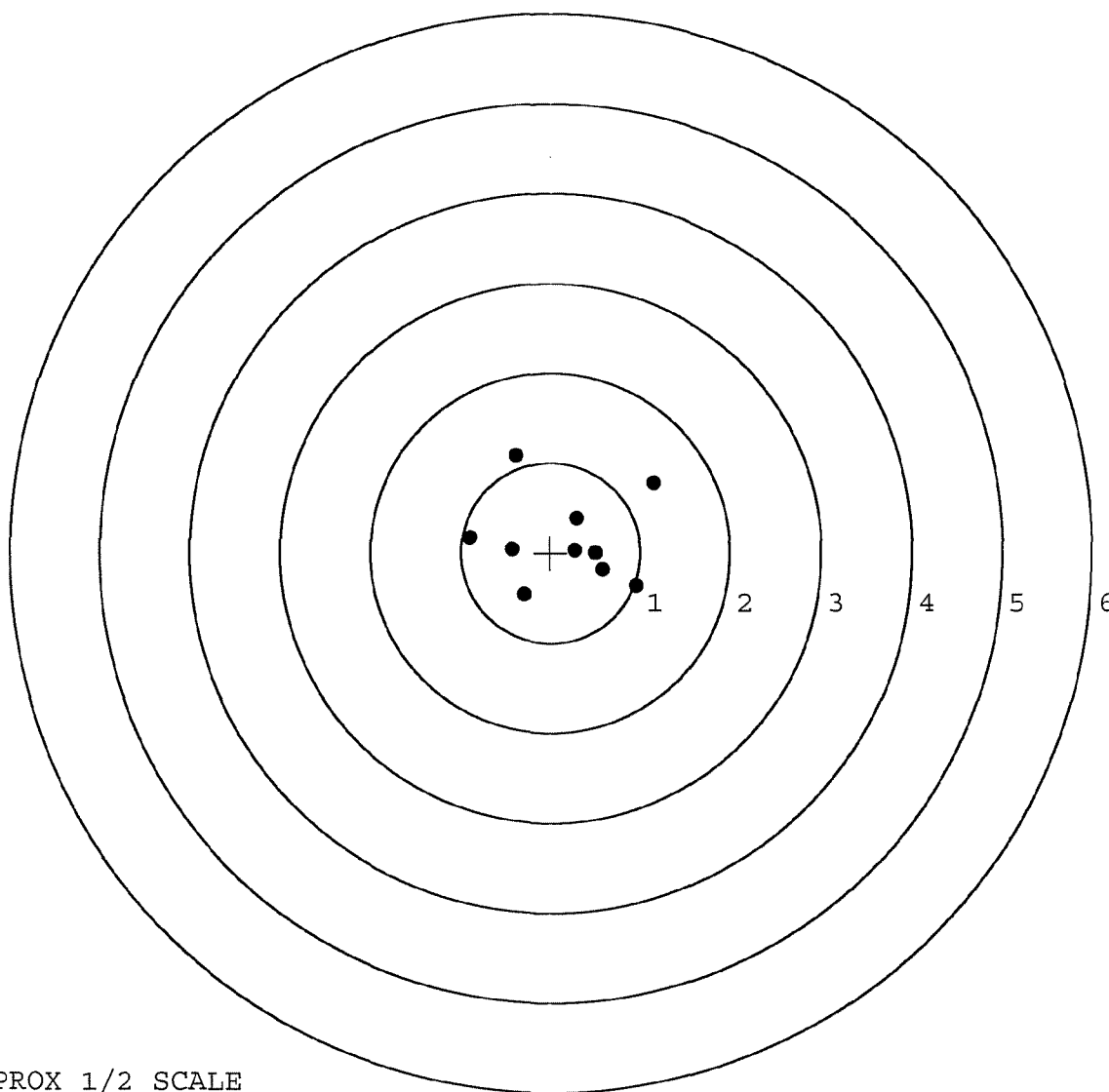
MAX RADIUS: 1.163

MEAN RADIUS: 0.696

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

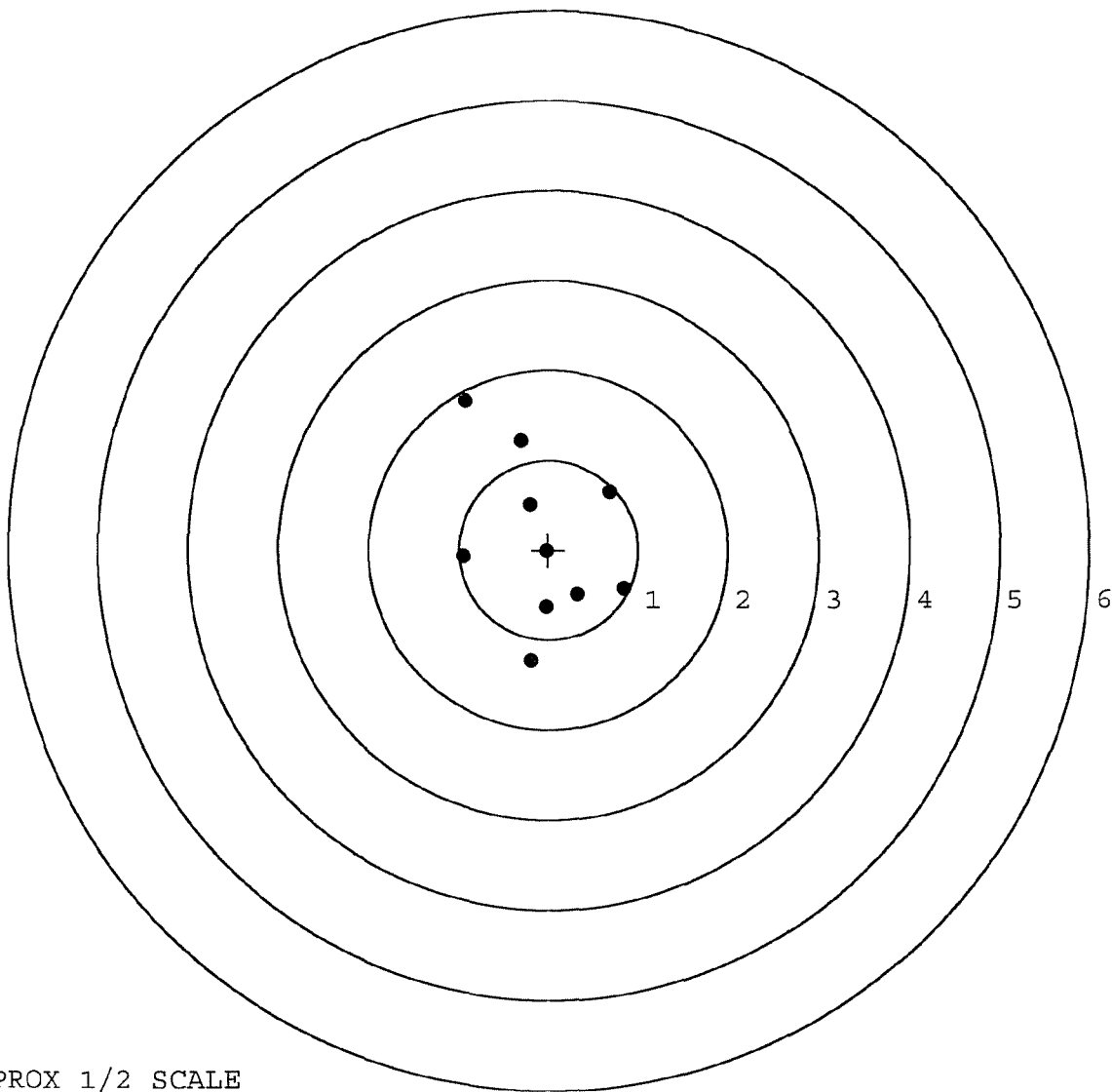


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773. __0
TARGET NUMBER: 2
FILE DATE: 11/08/2004
FILE TIME: 07:42

POINT#	X	Y
1:	0.686	0.658
2:	-0.313	1.216
3:	-0.213	0.508
4:	-0.936	1.649
5:	-0.949	-0.077
6:	-0.024	-0.014
7:	0.322	-0.506
8:	-0.032	-0.644
9:	0.843	-0.429
10:	-0.199	-1.242

X CENTROID: -0.081
Y CENTROID: 0.112
POA TO CENTROID: 0.138
HORZ SPREAD: 1.792
VERT SPREAD: 2.891
GROUP SPREAD: 2.983
MIN RADIUS: 0.138
MAX RADIUS: 1.759
MEAN RADIUS: 0.920
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

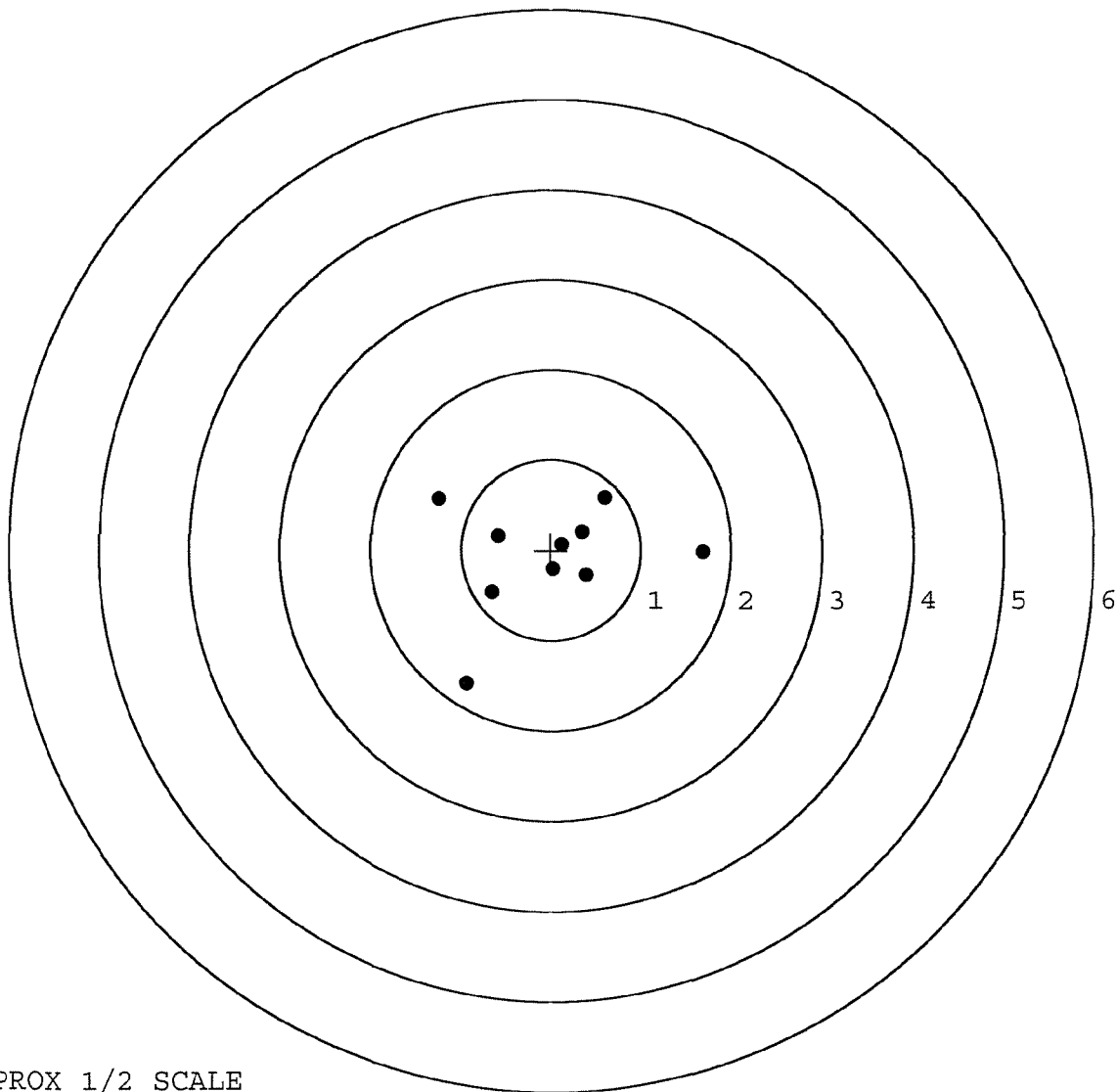


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773. __0
TARGET NUMBER: 3
FILE DATE: 11/08/2004
FILE TIME: 07:42

POINT#	X	Y
1:	1.691	-0.016
2:	-0.944	-1.486
3:	-0.658	-0.469
4:	-0.588	0.157
5:	-1.252	0.566
6:	0.597	0.578
7:	0.344	0.206
8:	0.395	-0.279
9:	0.025	-0.209
10:	0.121	0.065

X CENTROID: -0.027
Y CENTROID: -0.089
POA TO CENTROID: 0.093
HORZ SPREAD: 2.943
VERT SPREAD: 2.064
GROUP SPREAD: 3.017
MIN RADIUS: 0.131
MAX RADIUS: 1.719
MEAN RADIUS: 0.832
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

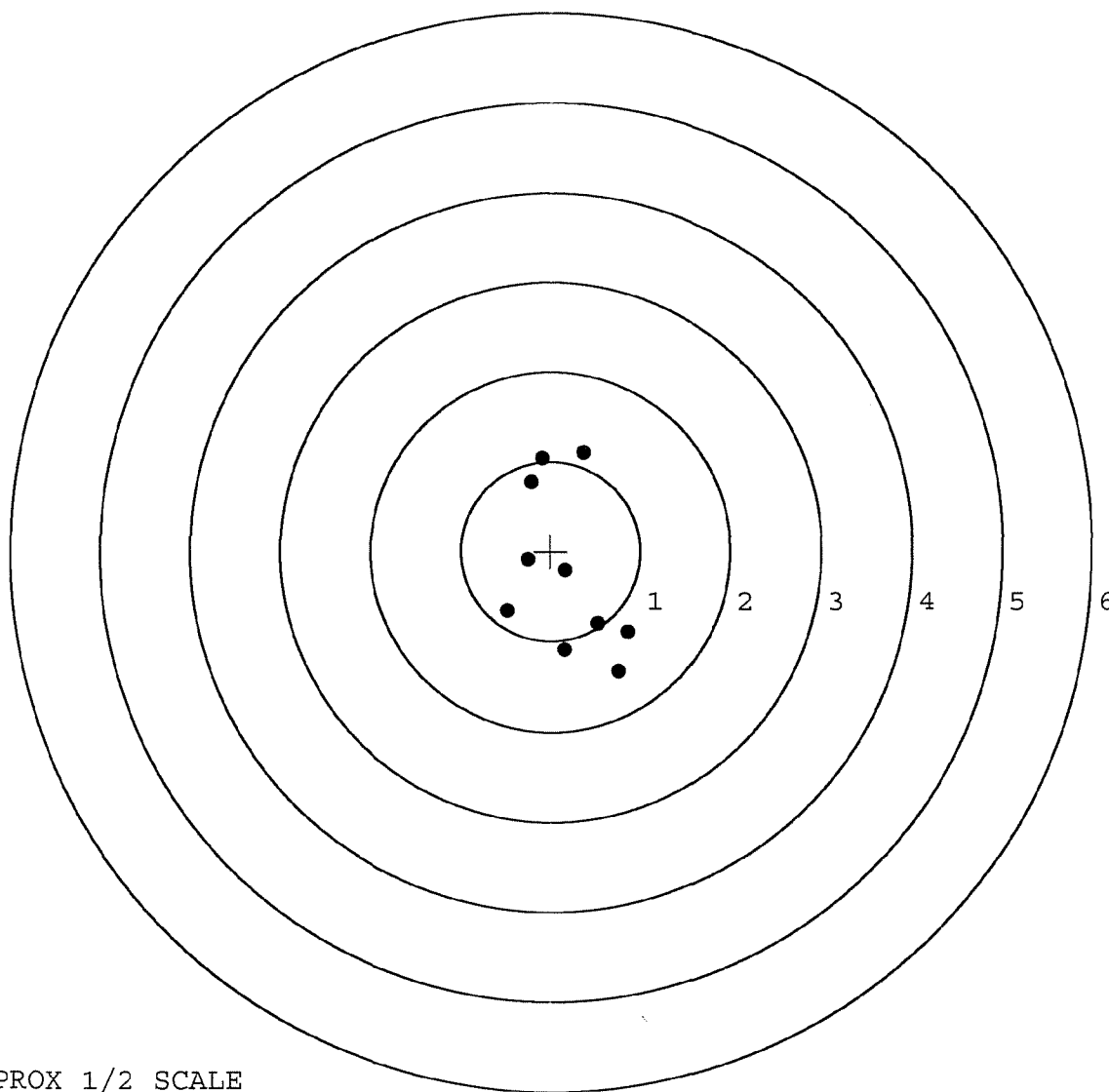


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773.___0
TARGET NUMBER: 4
FILE DATE: 11/08/2004
FILE TIME: 07:42

POINT#	X	Y
1:	0.755	-1.335
2:	0.861	-0.900
3:	0.530	-0.812
4:	0.158	-1.100
5:	-0.482	-0.672
6:	0.161	-0.214
7:	-0.257	-0.097
8:	-0.221	0.771
9:	-0.097	1.039
10:	0.360	1.103

X CENTROID: 0.177
Y CENTROID: -0.222
POA TO CENTROID: 0.284
HORZ SPREAD: 1.343
VERT SPREAD: 2.438
GROUP SPREAD: 2.470
MIN RADIUS: 0.018
MAX RADIUS: 1.337
MEAN RADIUS: 0.875
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

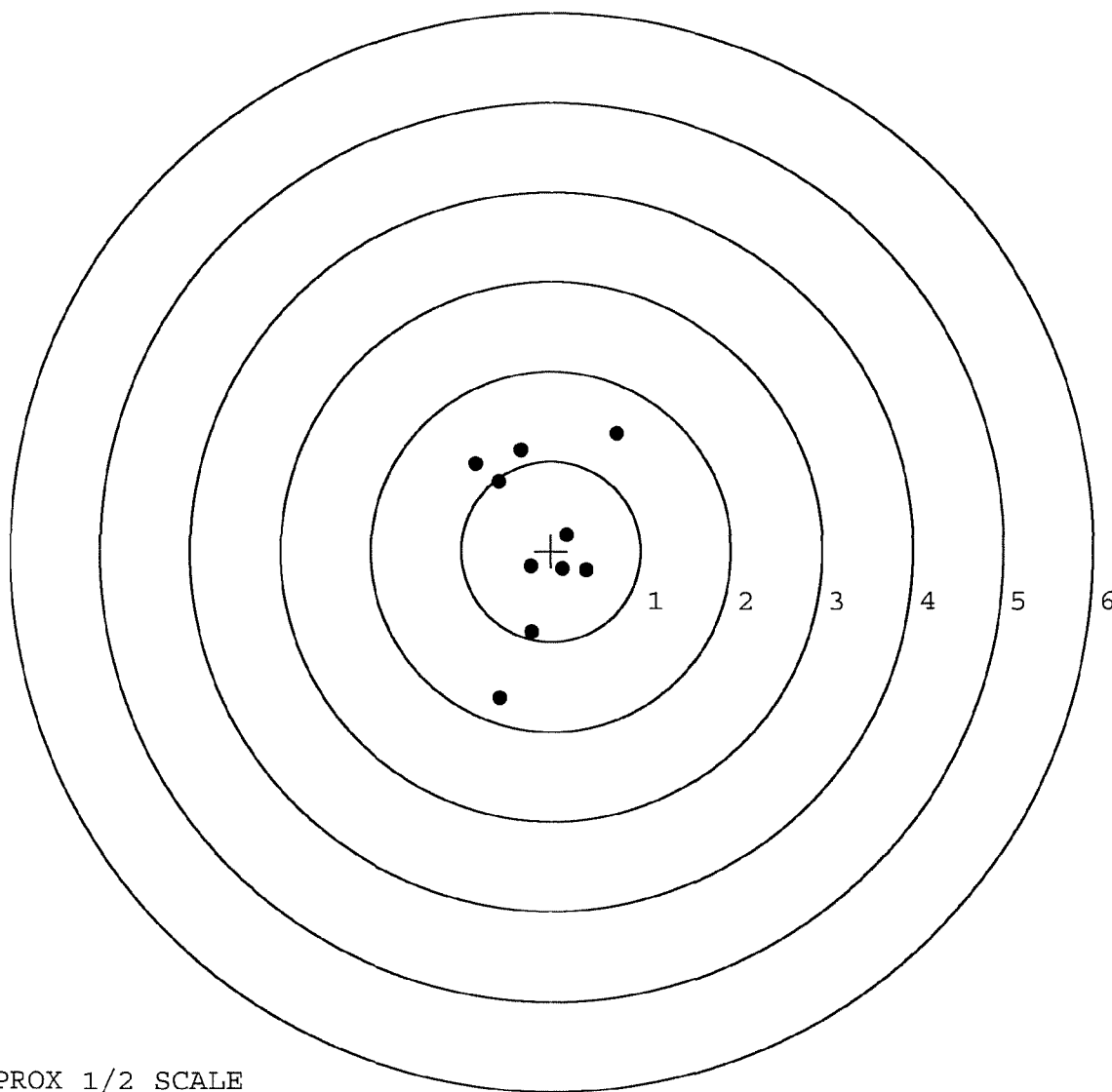


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348773.____0
TARGET NUMBER: 5
FILE DATE: 11/08/2004
FILE TIME: 07:42

X CENTROID: -0.137
Y CENTROID: 0.123
POA TO CENTROID: 0.184
HORZ SPREAD: 1.580
VERT SPREAD: 2.939
GROUP SPREAD: 3.219
MIN RADIUS: 0.314
MAX RADIUS: 1.806
MEAN RADIUS: 0.891
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.580	-1.628
2:	-0.221	-0.904
3:	-0.341	1.125
4:	-0.582	0.770
5:	-0.847	0.970
6:	0.733	1.311
7:	0.179	0.178
8:	0.394	-0.214
9:	0.130	-0.203
10:	-0.231	-0.177



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	85994		
SERIAL NUMBER	4022 C 6348773		
LOG-IN DATE	10-5-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-13-04	RTL
560 A	RE-BARREL	10-14-04	RTL
B	DRILL AND TAP	10-19-04	TRW
575	ASSEMBLE	10-15-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-19-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/20/04	AB
618	ROTO-BLAST	10-22-04	GB
620	APPLY COATINGS	10/20/04	HP
625 A	FINAL ASSEMBLY	11-4-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-8-04	TRW
655	FINAL INSPECT	11-10-04	RTL
660	PACK	11-10-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

Remington



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

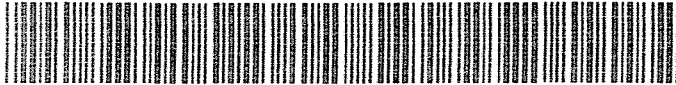
MODEL 700TM H24

SERIAL NO.
C6348773

ORDER NO.
5716

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

01



5716 C6348773

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348773

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	7 21	89	RW
610	Dis-assemble Gun	7 21	89	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
7	Drill and Tap Sight Holes		7/27/89	WC
618	Polish Barrel RB		7/21/89	WB
620	Apply Coatings (Barrel Action)		7/28/89	THA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/7/89	JS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	10 Aug 89	LS
	G) Safety Off Force	4	4	4	10 Aug 89	LS
	H) Trigger Pull Test & Retainability				10 Aug 89	LS
	I) Firing Pin Indent	.020	.021	.021	10 Aug 89	LS
	J) Assemble Stock				8/10/89	KLW
	K) Assemble Swivel Studs				18 Aug 89	LS
	L) Attach Front and Rear Sight Assemblies				8/10/89	KLW
	M) Iron Sight Alignment				8/10/89	KLW
	N) Detach Front & Rear Sights & place in numbered container				8/10/89	KLW
	O) Attach Scope to Rifle				8/14/89	KLW
	P) Detach & Attach Scope 20 Times				8/14/89	KLW
640	Gallery Target & Test	812	682		8-17-89	DH
	A) Time				8-17-89	DH
	B) Malfunctions				8-17-89	DH
	C) Pierced Primers				8-17-89	DH
	D) Optical Clarity of Scope				8-17-89	DH
645	Inspect for Live Ammo				8-17-89	DH
655	Final Inspection					
	A) Headspace				18 Aug 89	LS
	B) Trigger Pull	225	224	218	18 Aug 89	LS
	C) Function				18 Aug 89	LS
660	Pack				20 Sep 89	KLW

ANCE CALCULATIONS
06348773
689

PROIDAL DISTANCES

2 TO	1	1.15395
1 TO	2	1.33728
1 TO	3	.644643
1 TO	4	.939503
1 TO	5	1.11993

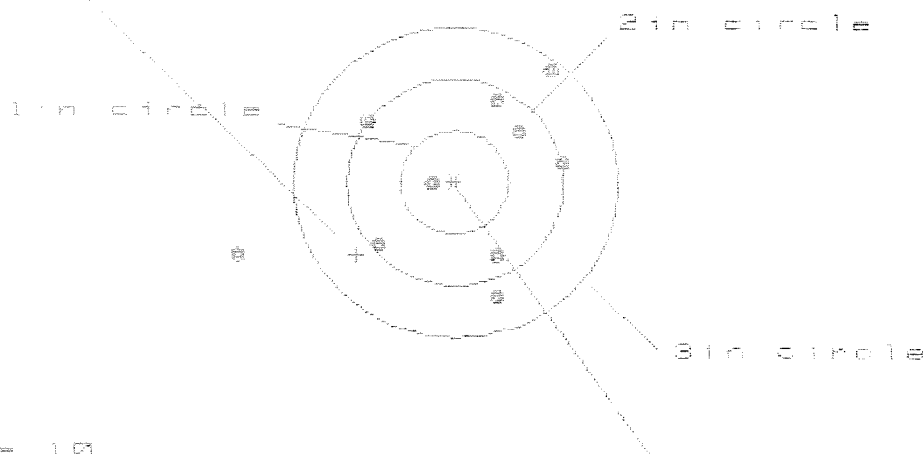
1
+4³ <----POA
5 2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .651
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0176
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .651238

THE AMR FOR THIS RIFLE IS: .942

PATTERNING/CENTERFIRE_PATT/CS346773

CENTERFIRE PATTERNS # 1



* OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HE= 2.977

VS= 2.176

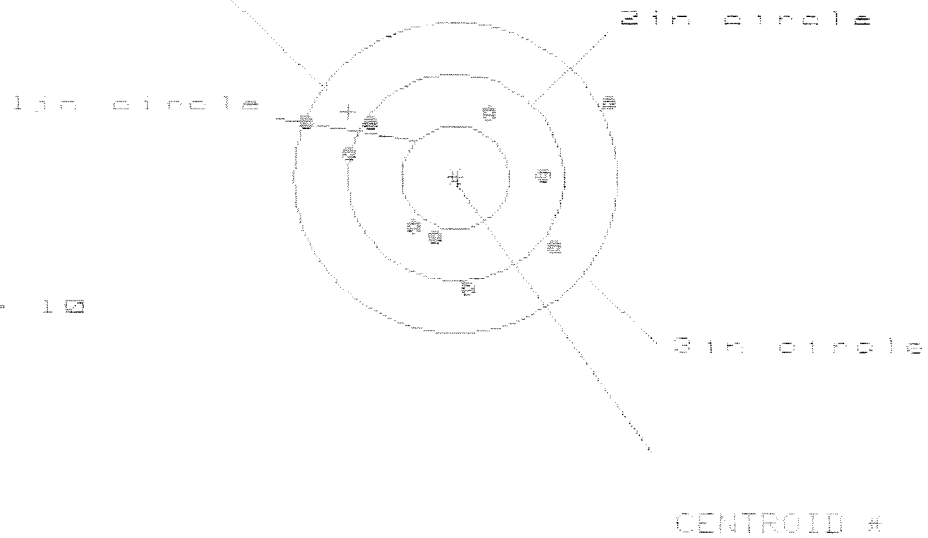
GE= 3.428

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	.768	.856
MINIMUM X	:	-1.988	-1.046	-.958
MAXIMUM Y	:	1.095	1.016	.811
MINIMUM Y	:	-1.084	-1.163	-1.036
CENTROID X	:	.912	1.133	1.045
CENTROID Y	:	.707	.786	.659
POA TO CENTROID in.	:	1.154	1.379	1.235
MIN RADIUS	:	.163	.390	.301
MEAN RADIUS	:	1.020	.880	.830
MAX RADIUS	:	2.111	1.237	1.163
HORIZONTAL SPREAD	:	2.977	1.814	1.814
VERTICAL SPREAD	:	2.179	2.179	1.847
EXTREME SPREAD	:	3.428	2.364	2.087
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

FILE PATTERNING/CENTERFIRE_PATT/CBS4B773

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 9

HS = 2.792

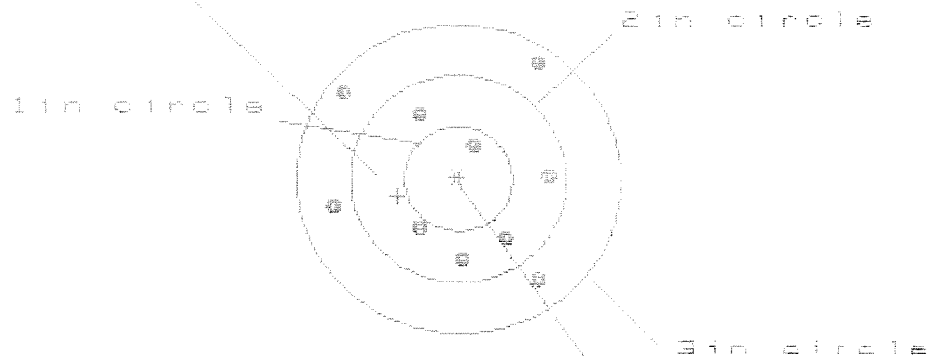
VS = 1.739

GS = 2.800

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.443	1.105	.957
MINIMUM X	:	-1.349	-1.189	-.947
MAXIMUM Y	:	.709	.735	.806
MINIMUM Y	:	-1.030	-.951	-.880
CENTROID X	:	.990	.830	.978
CENTROID Y	:	-.628	-.707	-.778
PCR TO CENTROID in.	:	1.172	1.090	1.250
MIN RADIUS	:	.607	.455	.459
MEAN RADIUS	:	1.003	.912	.851
MAX RADIUS	:	1.608	1.319	1.082
HORIZONTAL SPREAD	:	2.792	2.294	1.904
VERTICAL SPREAD	:	1.739	1.686	1.686
EXTREME SPREAD	:	2.800	2.559	2.141
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

FILE: PATTERNING/CENTERFIRE_PATT/06346773

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.056

VS= 2.113

GS= 2.533

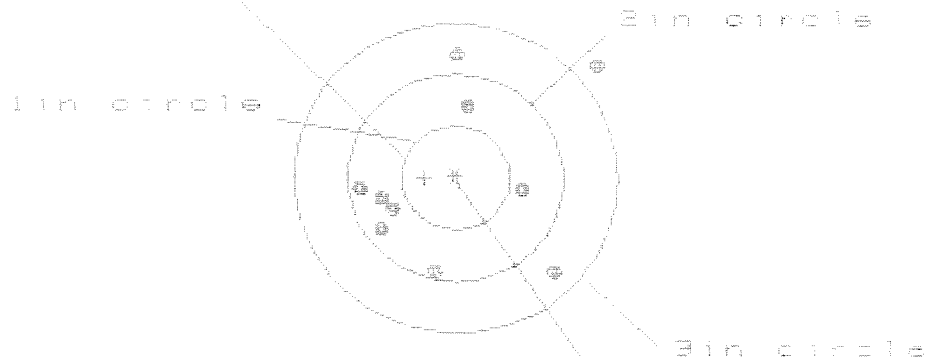
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.865	.941	.823
MINIMUM X	-1.191	-1.115	-1.233
MAXIMUM Y	1.175	.976	.859
MINIMUM Y	-.938	-.807	-.685
CENTROID X	.563	.487	.605
CENTROID Y	.165	.034	-.088
POA TO CENTROID in.	.587	.488	.611
MIN RADIUS	.417	.481	.489
MEAN RADIUS	.926	.866	.782
MAX RADIUS	1.361	1.356	1.233
HORIZONTAL SPREAD	2.056	2.056	2.056
VERTICAL SPREAD	2.113	1.793	1.544
EXTREME SPREAD	2.533	2.533	2.085
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

FILE PATTERNING/CENTERFIRE_PATT/08548773

CENTERFIRE PATTERNS # 4

FILE



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

AS= 2.221

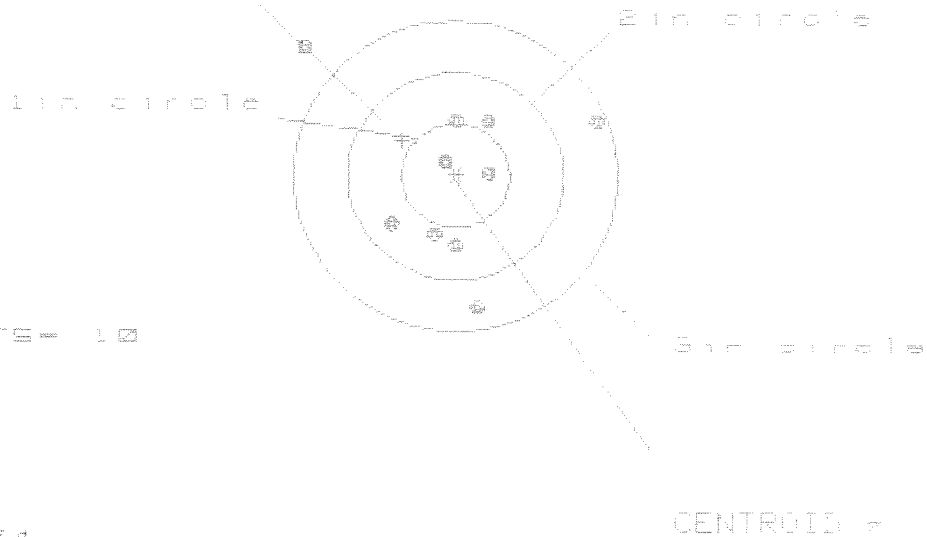
VS= 2.047

GS= 2.598

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.349	1.056	.862
MINIMUM X	:	-.872	-.723	-.598
MAXIMUM Y	:	1.148	1.272	1.181
MINIMUM Y	:	-.899	-.775	-.866
CENTROID X	:	.291	.142	.009
CENTROID Y	:	.002	-.122	-.031
PCA TO CENTROID in.	:	.291	.187	.032
MIN RADIUS	:	.582	.426	.353
MEAN RADIUS	:	.936	.804	.719
MAX RADIUS	:	1.752	1.284	1.216
HORIZONTAL SPREAD	:	2.221	1.779	1.452
VERTICAL SPREAD	:	2.047	2.047	2.047
EXTREME SPREAD	:	2.598	2.194	2.058
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

FILE: REM-LEADING/CENTERFIRE_PATT/0654B779

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.654

VS = 2.529

ES = 2.987

CENTROID

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.304	1.154	.341
MINIMUM X	:	-1.350	-.760	-.616
MAXIMUM Y	:	1.243	.714	.760
MINIMUM Y	:	-1.286	-1.148	1.058
CENTROID X	:	.499	.649	.505
CENTROID Y	:	-.334	-.472	-.582
POA TO CENTROID in.	:	.600	.800	.755
MIN RADIUS	:	.138	.260	.342
MEAN RADIUS	:	.925	.712	.616
MAX RADIUS	:	1.835	1.357	1.084
HORIZONTAL SPREAD	:	2.654	1.914	.957
VERTICAL SPREAD	:	2.529	1.862	1.841
EXTREME SPREAD	:	2.987	2.188	1.853
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER

INITIAL

CUSTOMER ORDER NO.

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

MODEL AND GRADE

05/29/90

05/31/90

06348773

9999

7.62

NATO

ORDER

R

90-15650

ACCESSORIES

W/STUDS

W/SWIVELS

SOFT CASE

SCOPE BASE

FROM:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ 08641

SHIP TO:

TRAFFIC MANAGEMENT OFFICE
BLDG 1702 - BAY 3
MCGUIRE AFB NJ
08641

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

REPAIR CHARGE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

GUN CONDITION:

☒ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

REPLACE TRIGGER ASSY

MAIN FAULT

PARTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 6/88

OFFICE COPY

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348773

DATE 4/4/90

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.44	2.50	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.27	2.41	2.58	
PULL #3	2.36	2.28	2.38	2.60	
PULL #4	2.33	2.25	2.44	2.53	
PULL #5	2.31	2.25	2.45	2.63	
TOTAL	11.84	11.49	12.18	12.62	
AVG.	2.36	2.29	2.43	2.524	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.43	3.33		
PULL #3	3.43	3.44		
PULL #4	3.45	3.46		
PULL #5	3.42	3.45		
TOTAL	17.15	17.06		
AVG.	3.43	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.27		
PULL #2	4.34	4.29		
PULL #3	4.30	4.34		
PULL #4	4.35	4.30		
PULL #5	4.41	4.15		
TOTAL	21.72	21.35		
AVG.	4.34	4.27		