

C6349064

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: **RE00168206** Serial: **C6349064** Model: **M24 SWS** Center Fire Repairman:
 Verify Repair Caliber: **7.62 NATO** Status: **New 5/18/2009 7:26:21 AM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **CPT T.J. POMIAN** **CPT T.J. POMIAN**
 Address 1: **TF 1-121 IN HHC** **TF 1-121 IN HHC**
 Address 2: **BLDG 2490 25TH ST** PO Box: **BLDG 2490 25TH ST** PO Box:
 City: **CAMP SHELBY** **CAMP SHELBY**
 State: **MS** Zip Code: **39407** Country: **US** State: **MS** Zip Code: **39407** Country: **US**
 FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: **NN**
 Fax:
 Email:
 Comments:
Received Condition
 Fair
 Condition Notes:
 CSR Notes:
Accessories Received

Code	Desc	Qty
A005	Less Bolt	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Fear Sgt Base	1

Repair Search **Refresh** **Close** **Refresh** **Close**

maglet 5/18/2009 9:14 AM CAPS NUM MS SCRL

start 10 Micro... 6 Microso... Part Search... Google Ne... Arms Servi... COC REPA... Grand Ame... 9:14 AM

Serial Number:

C6349064Model: **M24 SWS****RE00168206**

sling/w
UNC Mike Swivels

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>168206</u>			
SERIAL NUMBER <u>C6349064</u>			
LOG-IN DATE <u>5-18-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-18-09	RTZ
505	RE-BARREL	5-26-09	RTZ
420	ASSEMBLE	5-26-09	RTZ
440	PROOF	5-26-09	RTZ
460	CHECK HEADSPACE	5-26-09	RTZ
470	DIS-ASSEMBLE GUN	5-26-09	RTZ
480	MAGNAFLUX	5-26-09	RTZ
510	DRILL AND TAP	5-27-09	SP
500	ROLLMARK CALIBER	6-1-09	RT
520	GOFF BLAST BBL / REC	6-1-09	DWO
530 & 540	APPLY COATINGS	6-3	✓
560	FINAL ASSEMBLY	6-3-09	RTZ
640	FUNCTION TEST AND	6/4	RB
650	TARGET	6/4	RB
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6/4	TGR
	A) HEADSPACE	PASS	6-5-09
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 252 256 256 254 258 6-5-09 RTZ	
680	F) SAFETY ON FORCE	4.0 4.0 4.0	6-5-09 RTZ
	G) SAFETY OFF FORCE	6.0 5.0 5.0	6-5-09 RTZ
	I) FIRING PIN INDENT	.003 .003 .003	6-5-09 RTZ
690	PACK	6/6/09	FUN

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349064.__0
FILE DATE AND TIME: 06/04/2009 13:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.119
The Average Y Centroid of the Five Target Set:	0.107
The Average Point of Impact of the Five Target Set:	0.160
The Average Mean Radius of the Five Target Set:	0.509
The Distance from POA to Centroid Target #1:	0.168
The Distance from Centroid Target #2 to Centroid Target #1:	0.026
The Distance from Centroid Target #3 to Centroid Target #1:	0.070
The Distance from Centroid Target #4 to Centroid Target #1:	0.287
The Distance from Centroid Target #5 to Centroid Target #1:	0.097

SERIAL NUMBER: C6349064. __0

TARGET NUMBER: 1

FILE DATE: 06/04/2009

FILE TIME: 13:42

POINT#	X	Y
1:	-0.970	-0.141
2:	-0.596	-0.242
3:	-0.111	-0.188
4:	0.260	-0.522
5:	-0.115	0.004
6:	0.114	0.199
7:	0.211	0.420
8:	-0.096	0.627
9:	-0.180	0.412
10:	0.028	0.267

X CENTROID: -0.145

Y CENTROID: 0.084

POA TO CENTROID: 0.168

HORZ SPREAD: 1.230

VERT SPREAD: 1.149

GROUP SPREAD: 1.307

MIN RADIUS: 0.085

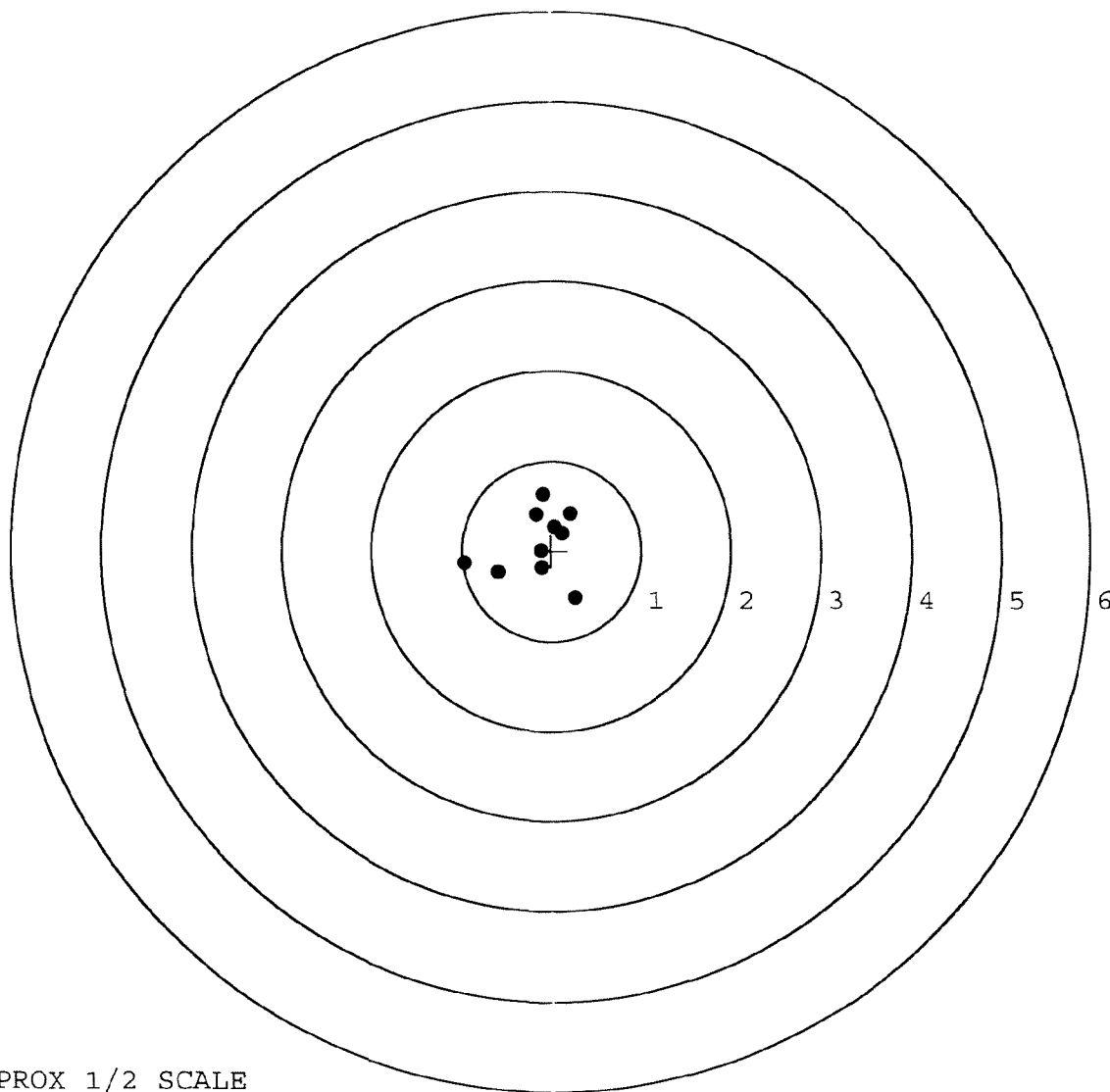
MAX RADIUS: 0.855

MEAN RADIUS: 0.440

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349064. __0

TARGET NUMBER: 2

FILE DATE: 06/04/2009

FILE TIME: 13:42

POINT#	X	Y
1:	-1.114	0.553
2:	-0.164	0.580
3:	0.127	0.410
4:	-0.217	0.196
5:	-0.121	-0.011
6:	0.361	-0.132
7:	0.689	-0.074
8:	-0.209	-0.688
9:	-0.633	-0.330
10:	-0.118	0.073

X CENTROID: -0.140

Y CENTROID: 0.058

POA TO CENTROID: 0.151

HORZ SPREAD: 1.803

VERT SPREAD: 1.268

GROUP SPREAD: 1.909

MIN RADIUS: 0.027

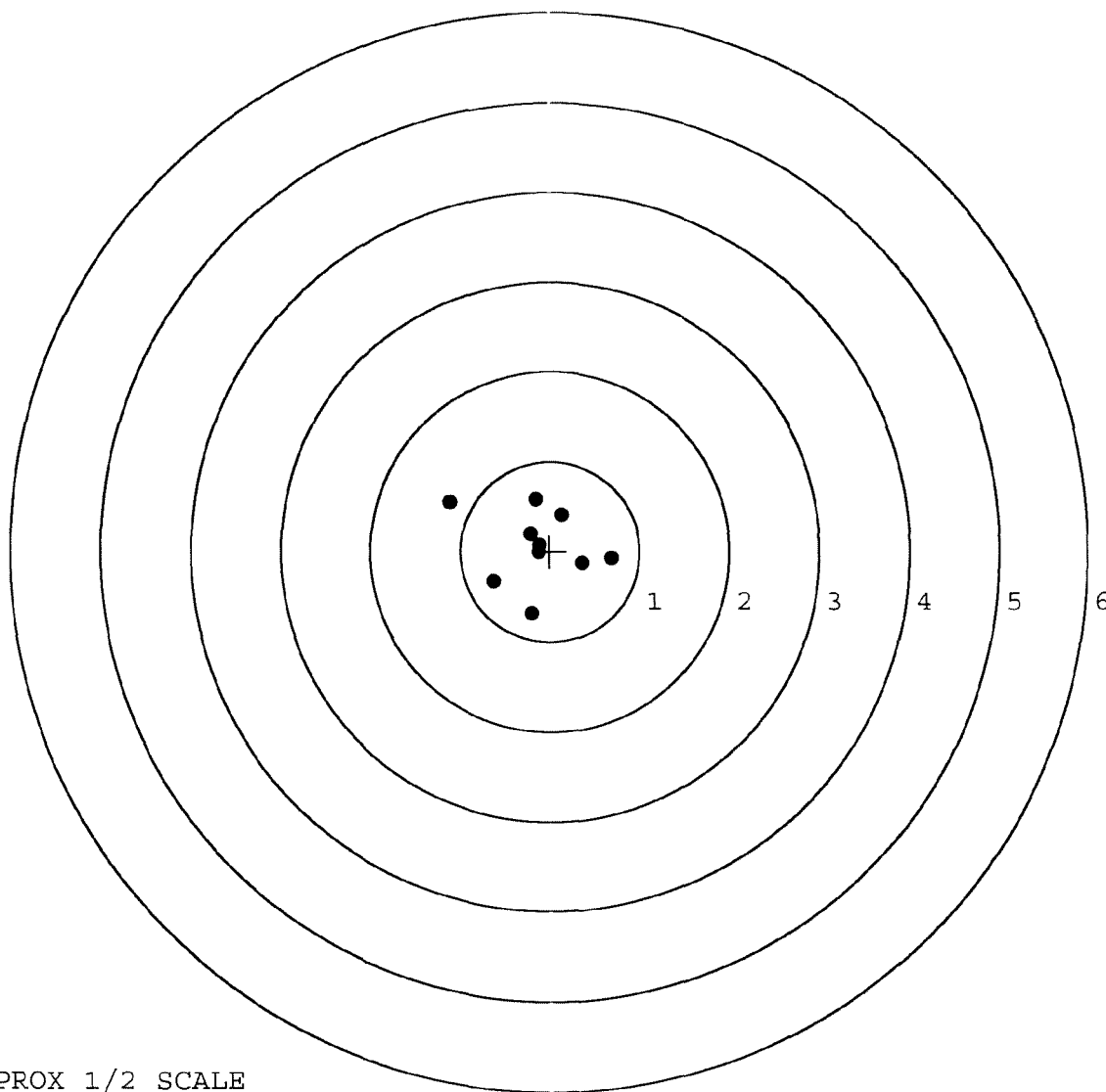
MAX RADIUS: 1.093

MEAN RADIUS: 0.507

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349064. __0

TARGET NUMBER: 3

FILE DATE: 06/04/2009

FILE TIME: 13:42

POINT#	X	Y
1:	0.572	0.355
2:	0.393	0.291
3:	-0.041	0.340
4:	0.160	0.609
5:	-0.348	-0.031
6:	-0.777	-0.295
7:	-0.599	-0.380
8:	-0.276	-0.518
9:	0.040	-0.271
10:	-0.030	0.307

X CENTROID: -0.091

Y CENTROID: 0.041

POA TO CENTROID: 0.099

HORZ SPREAD: 1.349

VERT SPREAD: 1.127

GROUP SPREAD: 1.497

MIN RADIUS: 0.267

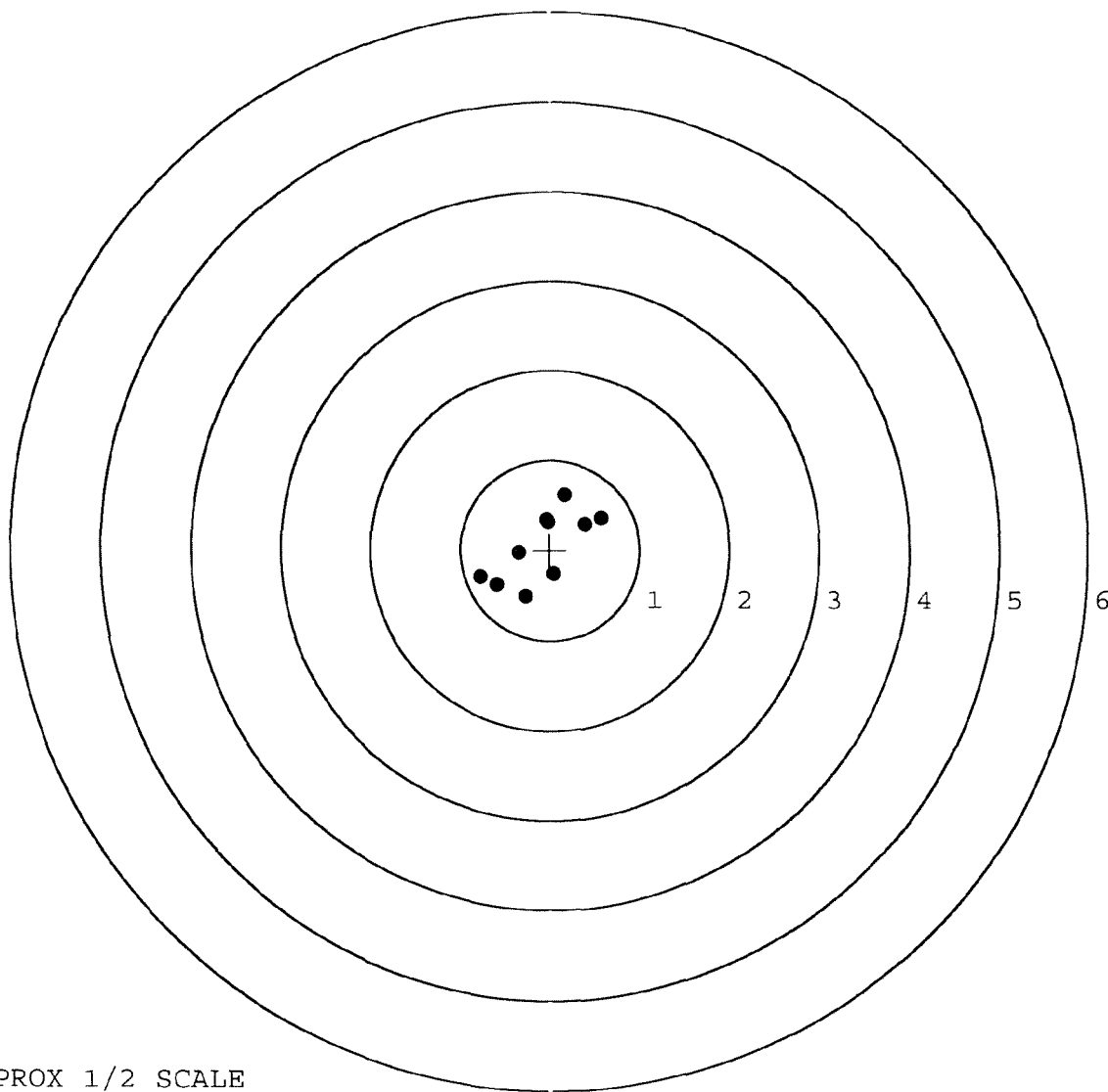
MAX RADIUS: 0.764

MEAN RADIUS: 0.509

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349064. 0

TARGET NUMBER: 4

FILE DATE: 06/04/2009

FILE TIME: 13:42

POINT#	X	Y
1:	-0.242	1.507
2:	-0.514	0.779
3:	-0.146	0.909
4:	0.048	0.889
5:	-0.151	0.488
6:	0.125	0.311
7:	0.335	0.148
8:	-0.070	-0.607
9:	-0.244	-1.300
10:	-0.054	0.534

X CENTROID: -0.091

Y CENTROID: 0.366

POA TO CENTROID: 0.377

HORZ SPREAD: 0.849

VERT SPREAD: 2.807

GROUP SPREAD: 2.807

MIN RADIUS: 0.136

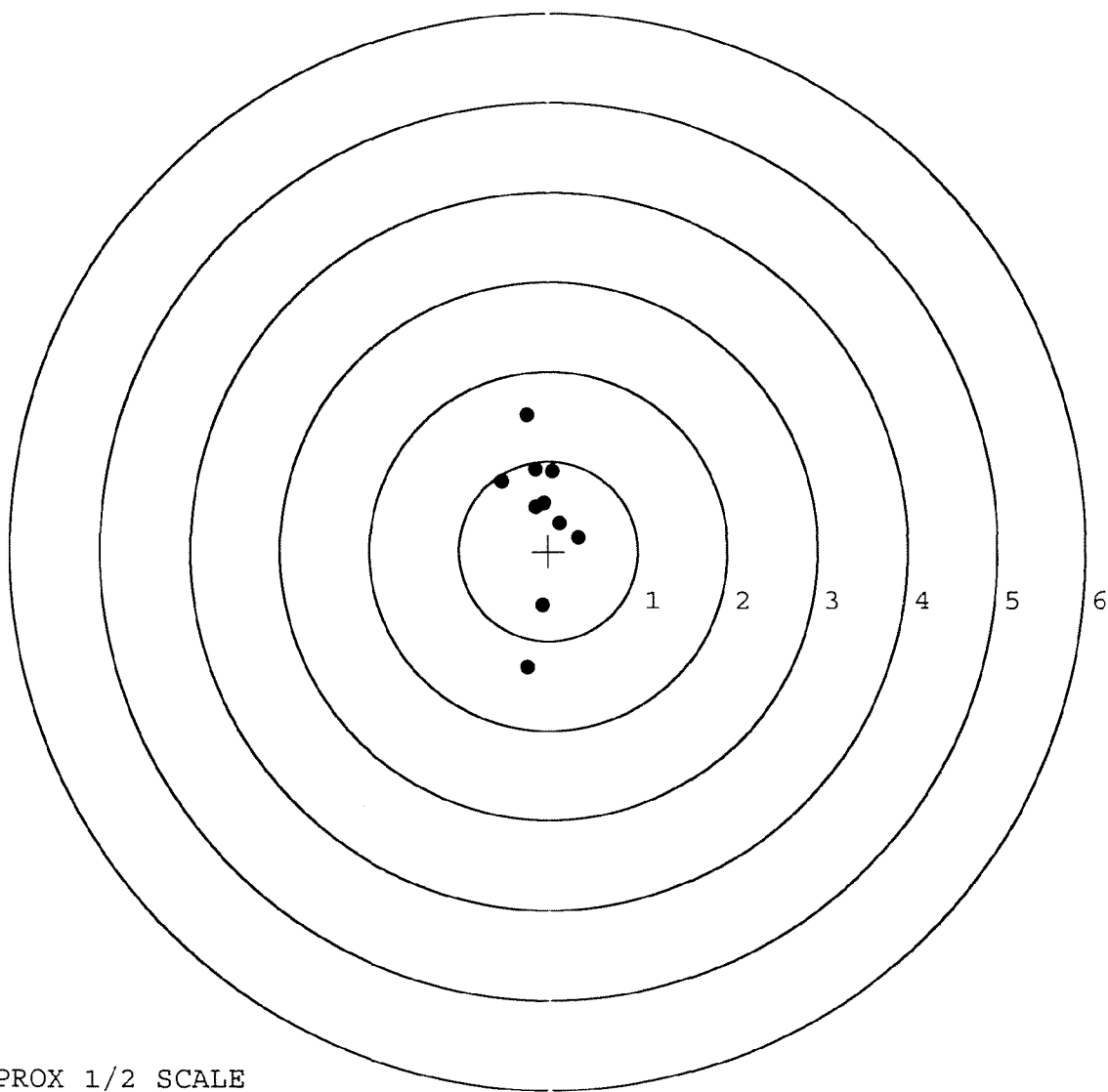
MAX RADIUS: 1.673

MEAN RADIUS: 0.649

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349064. 0

TARGET NUMBER: 5

FILE DATE: 06/04/2009

FILE TIME: 13:42

POINT#	X	Y
1:	-0.542	0.487
2:	-0.315	0.477
3:	0.250	0.018
4:	0.319	-0.331
5:	0.585	-0.514
6:	-0.196	0.038
7:	-0.484	-0.068
8:	-0.843	-0.100
9:	-0.154	0.000
10:	0.112	-0.120

X CENTROID: -0.127

Y CENTROID: -0.011

POA TO CENTROID: 0.127

HORZ SPREAD: 1.428

VERT SPREAD: 1.001

GROUP SPREAD: 1.507

MIN RADIUS: 0.029

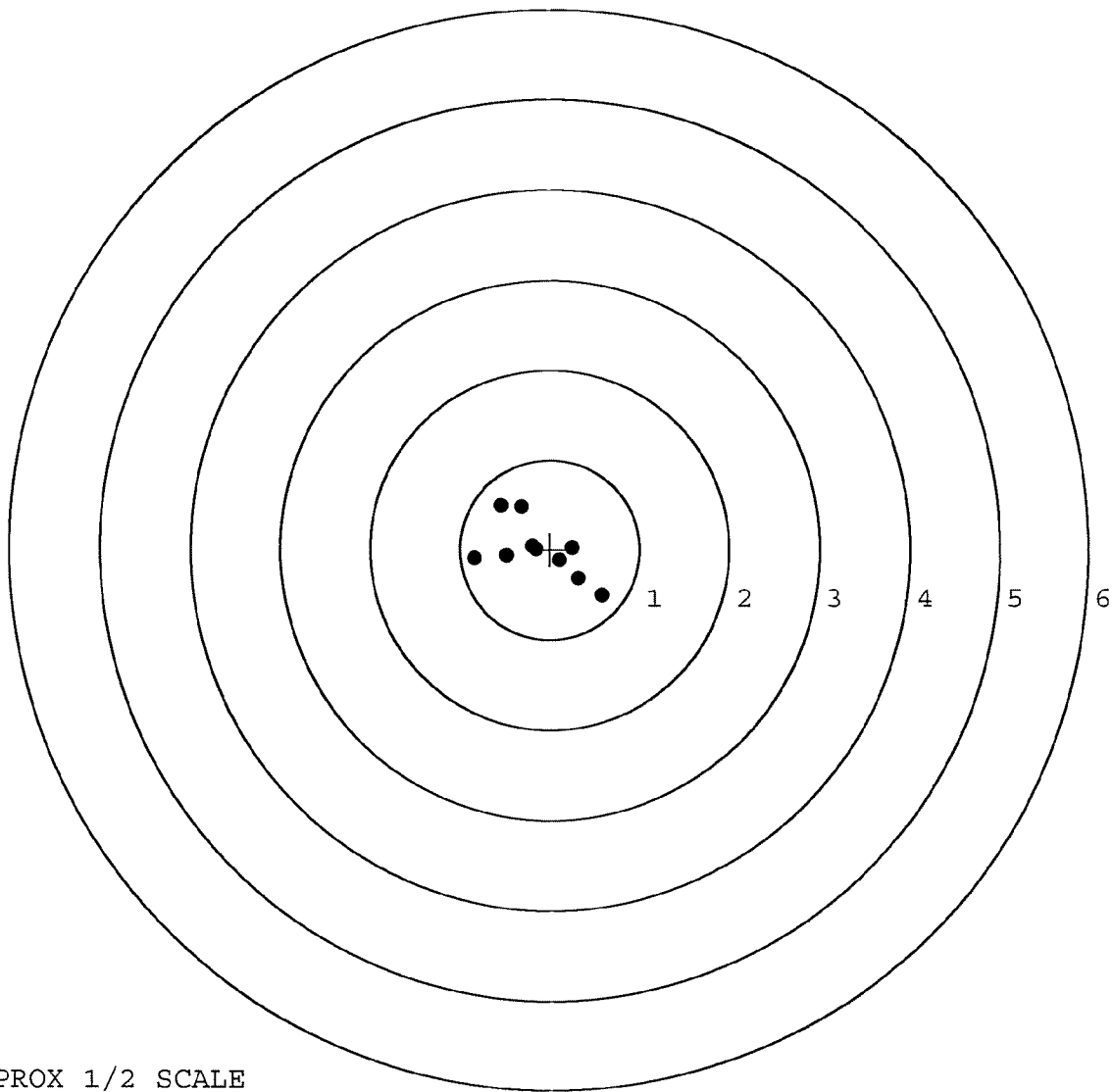
MAX RADIUS: 0.871

MEAN RADIUS: 0.443

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE




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

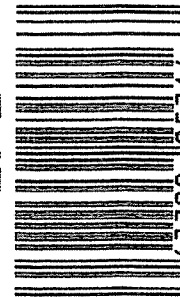
MODEL 700™ M24

SERIAL NO.
C6349064

ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6349064

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349064

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	RW
600	Proof	1 30	90	A
607	Check Headspace	1 30	90	A
610	Dis-assemble Gun	1 30	90	RW
612	Magnaflux Barrel Action	2-5-90		KER
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber		2/5/90	CS
617	Drill and Tap Sight Holes		2/5/90	LB
618	Polish Barrel RB		2/5/90	WB
620	Apply Coatings (Barrel Action)		2-17-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/90	WB
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/20/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/20/90	JK
	G) Safety Off Force	3	3	3			4/20/90	JK
	H) Trigger Pull Test & Retainability						4/20/90	JK
	I) Firing Pin Indent	.021	.021	.021			4/20/90	JK
	J) Assemble Stock						4/23/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/23/90	RW
	M) Iron Sight Alignment						4/23/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/23/90	RW
	O) Attach Scope to Rifle						4/23/90	WB
	P) Detach & Attach Scope 20 Times						4/23/90	WB
640	Gallery Target & Test						4-24-90	AC
	A) Time						4-24-90	AC
	B) Malfunctions						4-24-90	AC
	C) Pierced Primers						4-24-90	AC
	D) Optical Clarity of Scope						4-24-90	AC
645	Inspect for Live Ammo						4-24-90	AC
655	Final Inspection						4/26/90	WB
	A) Headspace							
	B) Trigger Pull	2.69	2.74	2.74	2.76	2.69	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6349064

DATE 4/20/90

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.53	2.28	2.69	MIN. SETTING,
PULL #2	2.50	2.43	2.10	2.74	NO AVG. OF 5
PULL #3	2.54	2.49	2.25	2.74	READINGS ACCEPT-
PULL #4	2.54	2.37	2.30	2.76	ABLE LESS THAN 2#
PULL #5	2.52	2.42	2.20	2.69	
TOTAL	12.63	12.24	11.13		
AVG.	2.526	2.448	2.226		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.31		
PULL #2	3.39	3.36		
PULL #3	3.40	3.34		
PULL #4	3.42	3.30		
PULL #5	3.35	3.27		
TOTAL	17.03	16.58		
AVG.	3.406	3.316		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.21		4.17
PULL #2	4.33	4.25		4.19
PULL #3	4.30	4.28		4.25
PULL #4	4.29	4.25		4.31
PULL #5	4.22	4.20		4.21
TOTAL	21.49	21.19		21.13
AVG.	4.298	4.238		4.226

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349064
24 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.43093
1 TO	2	.605615
1 TO	3	.813998
1 TO	4	.787709
1 TO	5	.917848

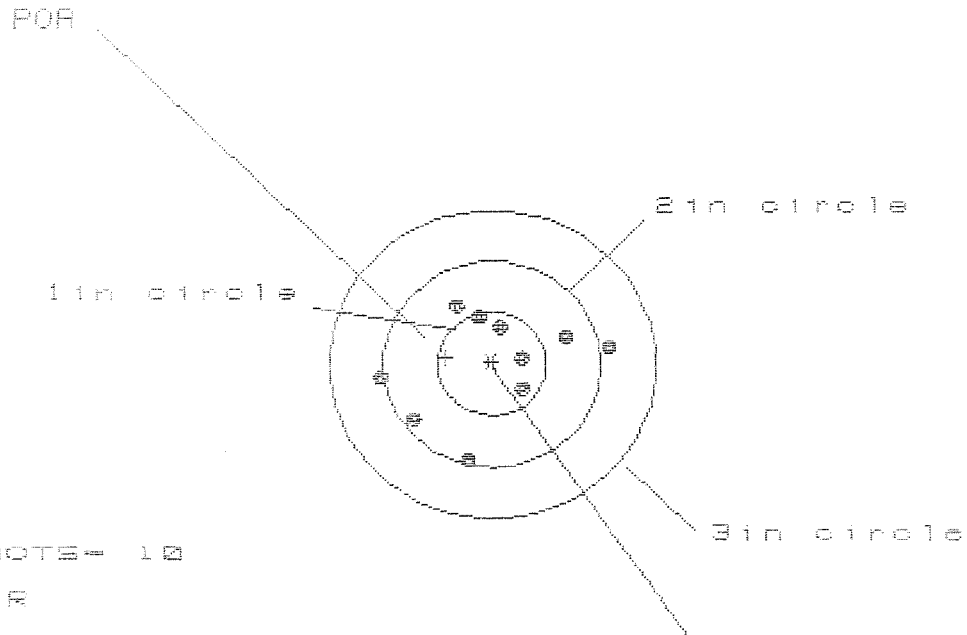
$\frac{3}{52} + 1$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1918
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0948
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213949
THE AMR FOR THIS RIFLE IS: .7638

24 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349064

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 2.059

VS = 1.592

GS = 2.070

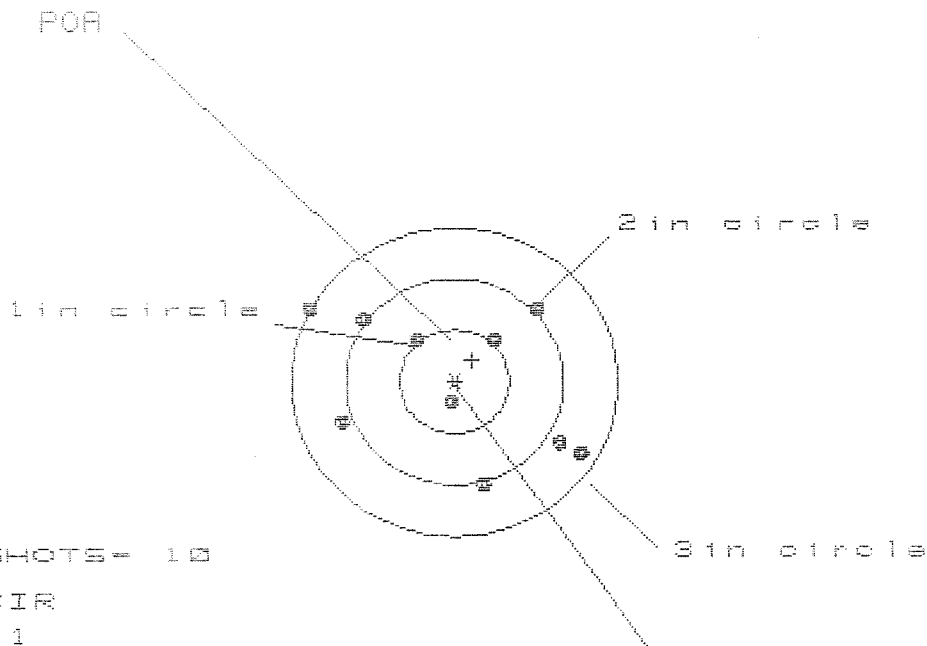
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.061	.760	.751
MINIMUM X	-.998	-.880	-.889
MAXIMUM Y	.610	.624	.503
MINIMUM Y	-.982	-.968	-.633
CENTROID X	.426	.308	.318
CENTROID Y	-.065	-.079	.042
POA TO CENTROID in.	.431	.318	.320
MIN RADIUS	.332	.390	.285
MEAN RADIUS	.688	.655	.589
MAX RADIUS	1.069	.971	.910
HORIZONTAL SPREAD	2.059	1.640	1.640
VERTICAL SPREAD	1.592	1.592	1.136
EXTREME SPREAD	2.070	1.674	1.674
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

24 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349064

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.483

VS= 1.736

GS= 2.865

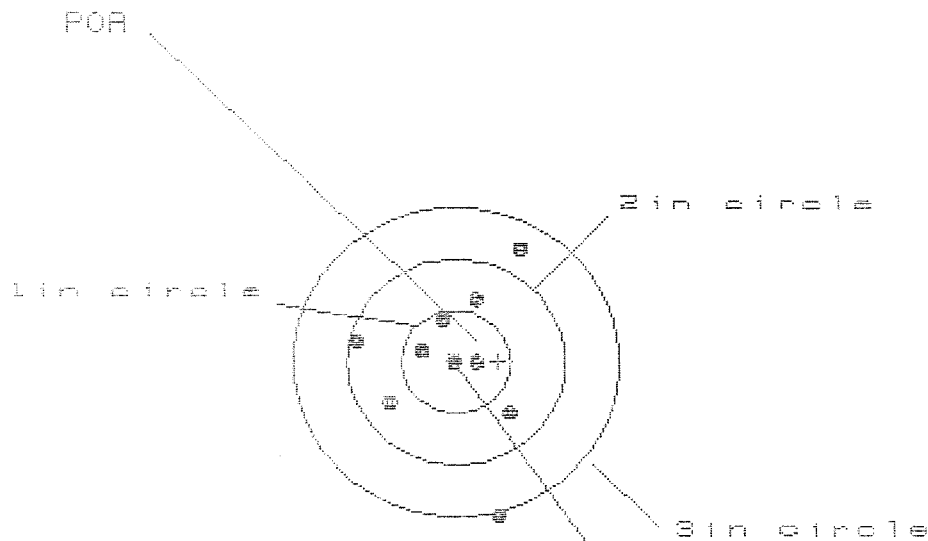
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.148	1.000	.966
MINIMUM X	-1.335	-1.141	-1.016
MAXIMUM Y	.759	.754	.680
MINIMUM Y	-.977	-.892	-.966
CENTROID X	-.162	-.014	-.139
CENTROID Y	-.210	-.295	-.221
POA TO CENTROID in.	.266	.295	.261
MIN RADIUS	.195	.197	.188
MEAN RADIUS	.938	.866	.814
MAX RADIUS	1.536	1.191	1.115
HORIZONTAL SPREAD	2.483	2.141	1.982
VERTICAL SPREAD	1.736	1.646	1.646
EXTREME SPREAD	2.865	2.310	2.121
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

24 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8345084

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HEI 1.531

VS= 2.603

GS= 2.613

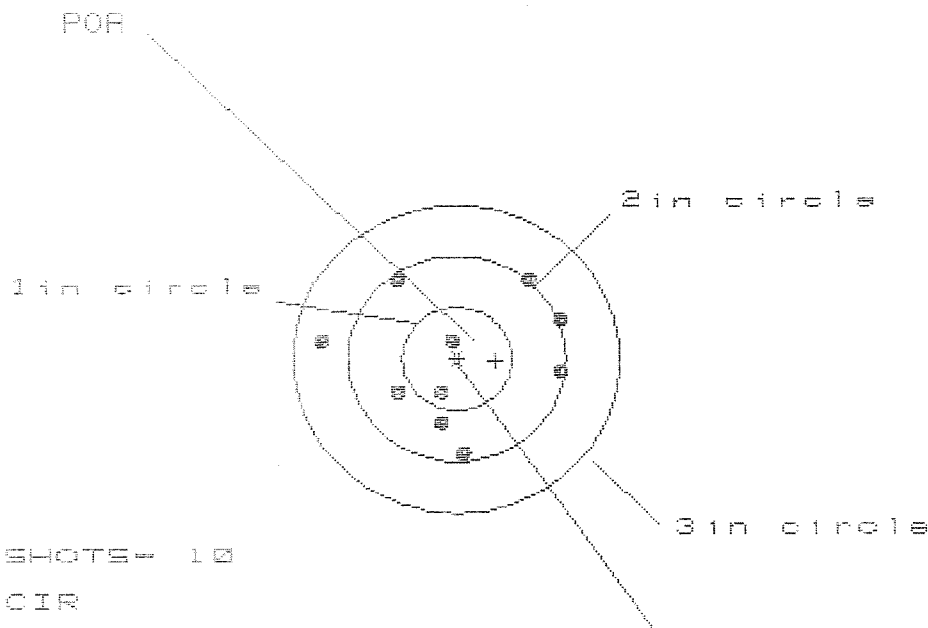
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.620	.664	.644
MINIMUM X	-.911	-.867	-.784
MAXIMUM Y	1.079	.910	.574
MINIMUM Y	-1.524	-.685	-.572
CENTROID X	-.386	-.430	-.513
CENTROID Y	-.008	.161	.048
POR TO CENTROID in.	.386	.459	.515
MIN RADIUS	.018	.192	.152
MEAN RADIUS	.691	.586	.511
MAX RADIUS	1.574	1.126	.861
HORIZONTAL SPREAD	1.531	1.531	1.428
VERTICAL SPREAD	2.603	1.595	1.146
EXTREME SPREAD	2.613	1.963	1.590
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

24 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349084

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.237

VS= 1.688

GS= 2.260

CENTROID *

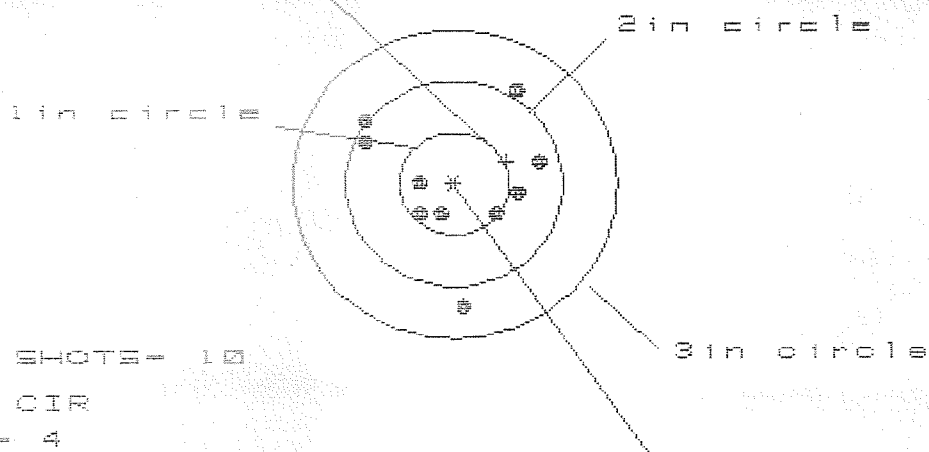
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.997	.859	.960
MINIMUM X	:	-1.240	-.720	-.619
MAXIMUM Y	:	.800	.820	.874
MINIMUM Y	:	-.888	-.868	-.814
CENTROID X	:	-.357	-.219	-.320
CENTROID Y	:	.021	.001	-.053
POA TO CENTROID in.	:	.358	.219	.324
MIN RADIUS	:	.161	.253	.243
MEAN RADIUS	:	.788	.741	.696
MAX RADIUS	:	1.253	1.051	1.037
HORIZONTAL SPREAD	:	2.237	1.579	1.579
VERTICAL SPREAD	:	1.688	1.688	1.688
EXTREME SPREAD	:	2.260	1.791	1.791
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

24 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349064

CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 1.621

VS = 2.096

GS = 2.142

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.757

.769

.663

MINIMUM X

-.864

-.852

-.870

MAXIMUM Y

.894

.760

.825

MINIMUM Y

-1.202

-.466

-.402

CENTROID X

-.480

-.492

-.386

CENTROID Y

-.212

-.078

-.143

POA TO CENTROID in.

.524

.498

.411

MIN RADIUS

.320

.347

.424

MEAN RADIUS

.714

.672

.614

MAX RADIUS

1.207

.995

.949

HORIZONTAL SPREAD

1.621

1.621

1.533

VERTICAL SPREAD

2.096

1.226

1.226

EXTREME SPREAD

2.142

1.691

1.558

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10