

C6348767

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-10961

INITIAL
FJB

CUSTOMER ORDER NO.

W/10X SCOPE SNIPER W/DEPLOYMENT KIT

ATTN: MARTIN

Scope # 89-0083

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/30/95

03/31/95

DJ 9-89

C6348767

700 7.62

NATO

ACCESSORIES

SLING STRAP

SCOPE MNTS

SCOPE BASE

HARD CASE

SOFT CASE

FROM:

SHIP TO:

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

AL 36201-5025

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

6-26-96 UPS

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

✓ NEW BARREL
✓ STOCK
✓ TRIGGER ASSY
✓ FIRING PIN ASSY
✓ FRONT LENS COVER
✓ CLEAR LENS COVER

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6348167

DATE 6-25-96

TESTER RA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.54	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.77	2.69	2.69	
PULL #3	2.69	2.70	2.73	
PULL #4	2.74	2.69	2.67	
PULL #5	2.74	2.53	2.78	
TOTAL	13.47	13.15	13.60	
AVG.	2.69	2.63	2.72	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.08	3.03	
PULL #2	3.09	3.03	
PULL #3	3.06	3.10	
PULL #4	3.05	3.00	
PULL #5	3.07	2.90	
TOTAL	15.37	15.06	
AVG.	3.07	3.01	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.04		4.26
PULL #2	4.24	4.07		4.17
PULL #3	4.29	4.19		4.20
PULL #4	4.17	4.05		4.18
PULL #5	4.15	4.16		4.13
TOTAL	21.13	20.57		20.94
AVG.	4.22	4.10		4.18

op. #	BARBER - M24 0063471 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6-26	REP
	G) Safety Off Force	3.5	3.5	3.5			6-26	REP
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0215	.023	.022			6-26	REP
	J) Assemble Stock						6-26	REP
	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						6-26	REP
	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	2.82	2.80	2.83	2.74	2.71	7/14	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

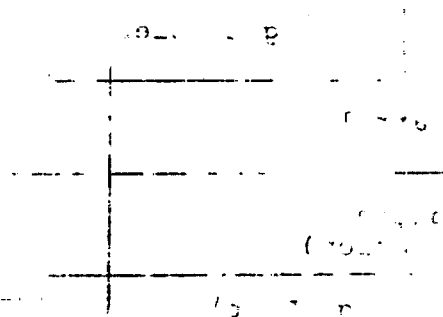
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6-26	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-26	REP
	C) Inspect Ejector Hole for Chamfer		6-26	REP
	D) Oil Firing Pin Ass'y		6-26	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348767
11 Jan 1900

CENTROIDAL DISTANCES

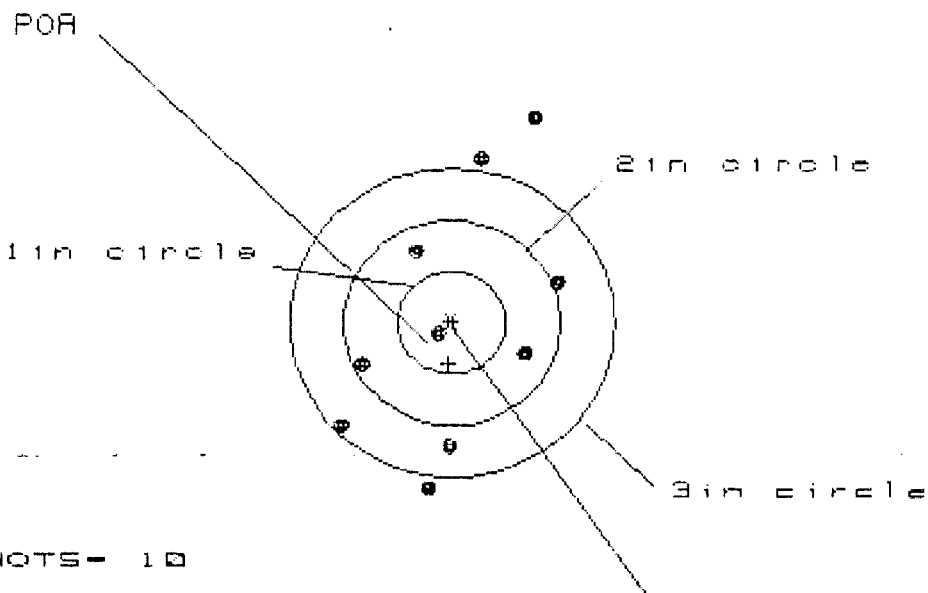
0 TO 1	.399912
1 TO 2	.306139
1 TO 3	.588504
1 TO 4	.53834
1 TO 5	.407325

$\frac{1}{3}$ <----POR



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.017
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .109037
THE AMR FOR THIS RIFLE IS: 1.175

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

CENTROID *

HS= 1.928

VS= 3.604

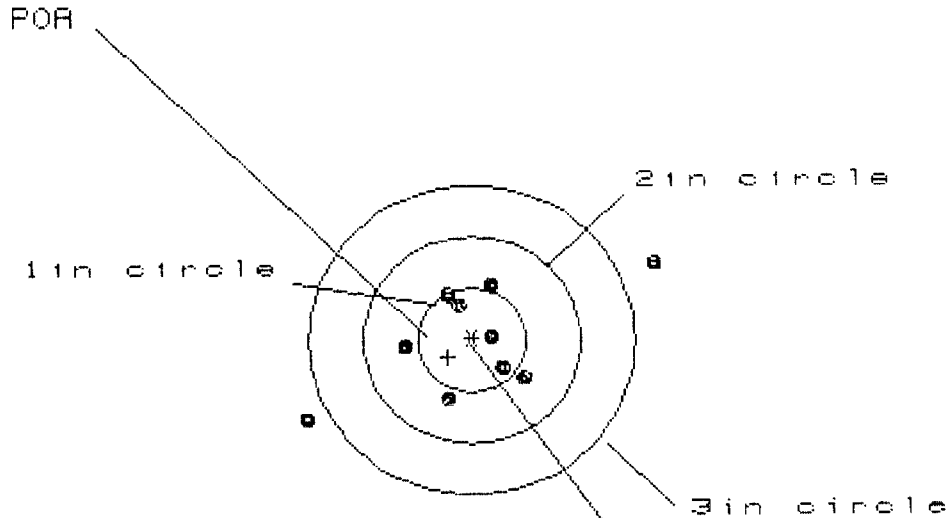
GS= 3.735

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.948	1.032	1.015
MINIMUM X	:	-.980	-.896	-.913
MAXIMUM Y	:	1.974	1.788	1.611
MINIMUM Y	:	-1.630	-1.411	-1.192
CENTROID X	:	.027	-.057	-.040
CENTROID Y	:	.399	.180	.357
POA TO CENTROID in.	:	.400	.189	.359
MIN RADIUS	:	.205	.118	.126
MEAN RADIUS	:	1.157	1.019	.966
MAX RADIUS	:	2.115	1.814	1.638
HORIZONTAL SPREAD	:	1.928	1.928	1.928
VERTICAL SPREAD	:	3.604	3.199	2.804
EXTREME SPREAD	:	3.735	3.230	2.818
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	7		

11 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348767

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 3.169

VS= 1.459

GS= 3.489

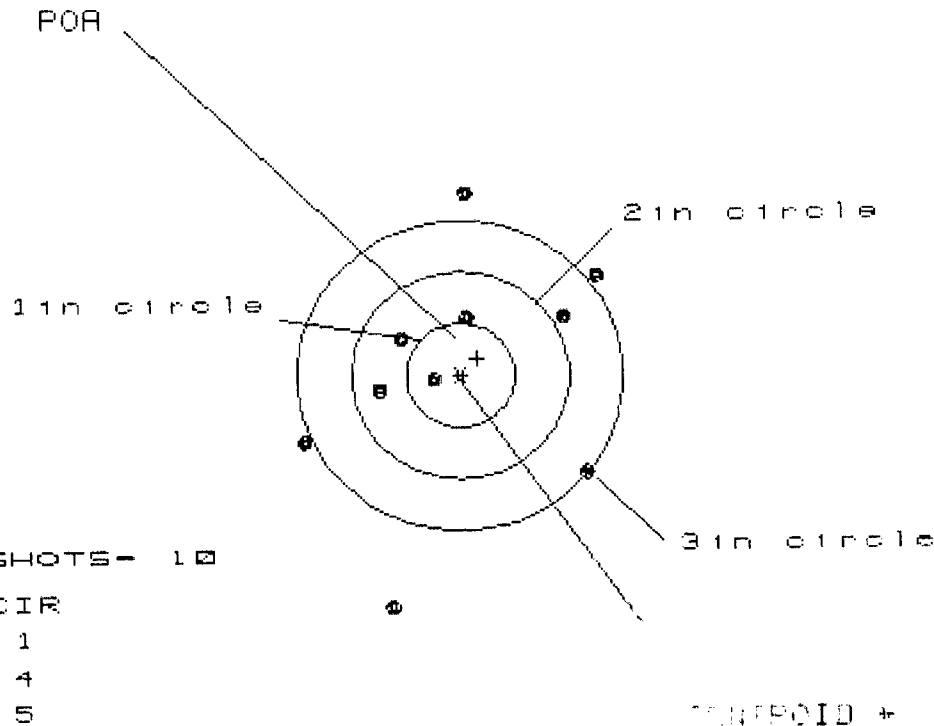
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	
MAXIMUM X	:	1.645	.676	.501
MINIMUM X	:	-1.524	-1.341	-.602
MAXIMUM Y	:	.695	.606	.520
MINIMUM Y	:	-.764	-.686	-.567
CENTROID X	:	.222	.039	.207
CENTROID Y	:	.163	.085	.171
POA TO CENTROID in.	:	.275	.094	.268
MIN RADIUS	:	.197	.391	.212
MEAN RADIUS	:	.749	.647	.501
MAX RADIUS	:	1.786	1.506	.649
HORIZONTAL SPREAD	:	3.169	2.017	1.110
VERTICAL SPREAD	:	1.459	1.292	1.107
EXTREME SPREAD	:	3.489	2.163	1.196
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jan 1908

FILE: \PATTERNING\CENTERFIRE_PATT\06348767

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 2.687

VS = 4.015

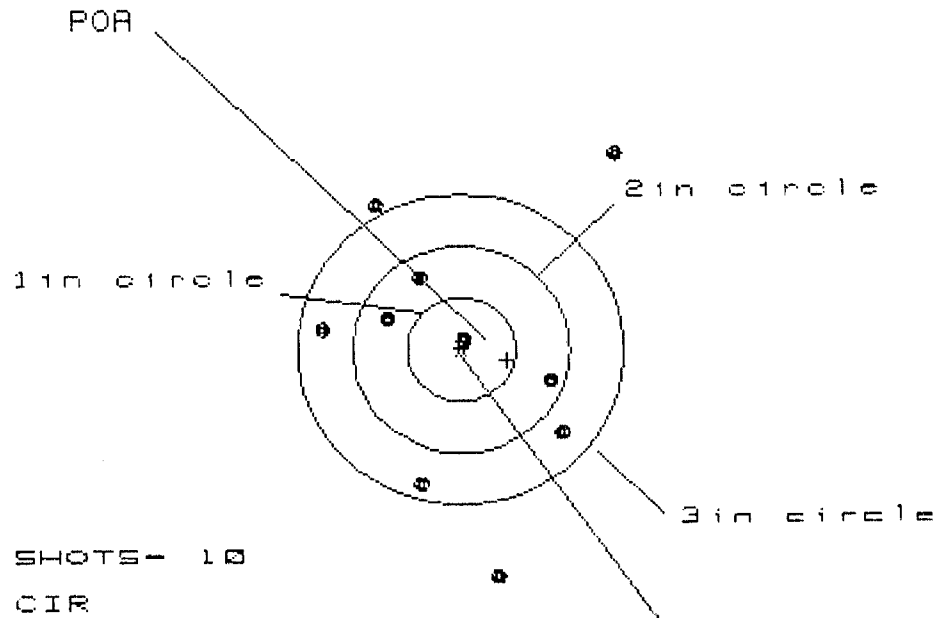
GS = 4.069

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.290	1.219	1.213
MINIMUM X	-1.397	-1.468	-1.474
MAXIMUM Y	1.777	1.529	.868
MINIMUM Y	-2.238	-1.236	-1.045
CENTROID X	-.157	-.086	-.080
CENTROID Y	-.160	.088	-.103
POA TO CENTROID in.	.224	.124	.130
MIN RADIUS	.202	.276	.294
MEAN RADIUS	1.198	1.047	.989
MAX RADIUS	2.326	1.717	1.632
HORIZONTAL SPREAD	2.687	2.687	2.687
VERTICAL SPREAD	4.015	2.765	1.913
EXTREME SPREAD	4.069	3.111	3.111
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

11 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06348767

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.702

VS= 4.061

GS= 4.226

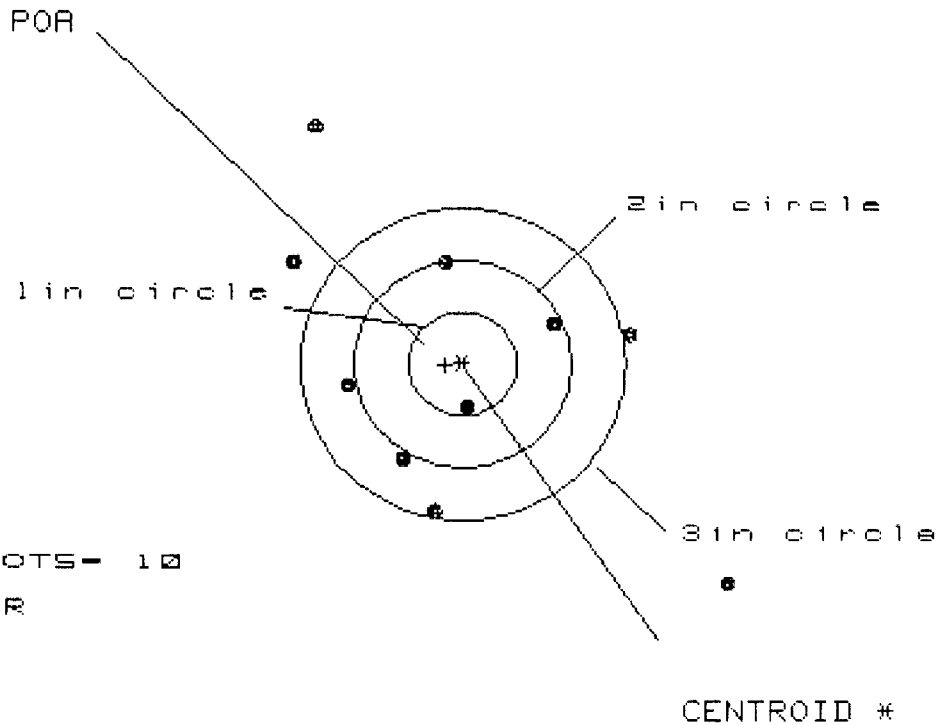
CENTROID #

PATTERN #	:	44		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.106	1.161
MINIMUM X	:	-1.250	-1.088	-1.032
MAXIMUM Y	:	1.852	1.571	1.321
MINIMUM Y	:	-2.209	-2.003	-1.340
CENTROID X	:	-.422	-.584	-.639
CENTROID Y	:	.102	-.104	.146
POA TO CENTROID in.	:	.434	.593	.656
MIN RADIUS	:	.061	.320	.237
MEAN RADIUS	:	1.255	1.146	.984
MAX RADIUS	:	2.354	2.052	1.451
HORIZONTAL SPREAD	:	2.702	2.194	2.194
VERTICAL SPREAD	:	4.061	3.574	2.661
EXTREME SPREAD	:	4.226	3.740	2.763
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6348767

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in - 1

2in - 2

3in = 6

HS = 4.040

VS = 4.392

GS = 5.825

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.445	1.818	1.679
MINIMUM X	-1.595	-1.323	-1.462
MAXIMUM Y	2.321	2.090	1.027
MINIMUM Y	-2.071	-1.636	-1.374
CENTROID X	.160	-.112	.027
CENTROID Y	.014	.244	-.018
POA TO CENTROID in.	.160	.268	.032
MIN RADIUS	.392	.710	.415
MEAN RADIUS	1.515	1.328	1.149
MAX RADIUS	3.205	2.366	1.780
HORIZONTAL SPREAD	4.040	3.141	3.141
VERTICAL SPREAD	4.392	3.726	2.401
EXTREME SPREAD	5.825	3.894	3.210
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348767

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14	89	KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	FB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	GS

op. #	BARBER, M24 0063480 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/4/89	JH
	G) Safety Off Force	4	4	3			10/4/89	JH
	H) Trigger Pull Test & Retainability						26/89	JH
	I) Firing Pin Indent	.021	.020	.021			10/4/89	JH
	J) Assemble Stock						10/5/89	RW
	K) Assemble Swivel Studs						6/6/89	JH
	L) Attach Front and Rear Sight Assemblies						10/5/89	RW
	M) Iron Sight Alignment						10/5/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/5/89	RW
	O) Attach Scope to Rifle						10/5/89	JH
	P) Detach & Attach Scope 20 Times						10/5/89	JH
640	Gallery Target & Test						10-5-89	DH
	A) Time						10-5-89	DH
	B) Malfunctions						10-5-89	DH
	C) Pierced Primers						10-5-89	DH
	D) Optical Clarity of Scope						10-5-89	DH
645	Inspect for Live Ammo						10-5-89	DH
655	Final Inspection A) Headspace						6/6/89	JH
	B) Trigger Pull	245	246	252	242	232	6/6/89	JH
	C) Function						6/6/89	JH
660	Pack						15/89	JH

Shovel Brass
Don't ~~check~~ Eject
10/9/89 Polish Ejector
& Ream Eye for Hole
DW
100 tds 10/23/89
OK A.C.

PARK Seed
C6348767AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 26484084DATE 2-12-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.47	2.36		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.55	2.35		
PULL #3	2.49	2.32	2.30		
PULL #4	2.54	2.35	2.32		
PULL #5	2.51	2.34	2.33		
TOTAL	12.52	12.03	11.66		
AVG.	2.504	2.406	2.332		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.44		
PULL #2	3.39	3.48		
PULL #3	3.31	3.51		
PULL #4	3.39	3.20		
PULL #5	3.38	3.35		
TOTAL	16.78	16.98		
AVG.	3.356	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.24		4.41
PULL #2	4.38	4.28		4.40
PULL #3	4.39	4.29		4.45
PULL #4	4.37	4.37		4.38
PULL #5	4.32	4.37		4.46
TOTAL	21.81	21.55		21.10
AVG.	4.362	4.31		4.22

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348767
5 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.174
1 TO	2	.516551
1 TO	3	.233692
1 TO	4	.221779
1 TO	5	.231579

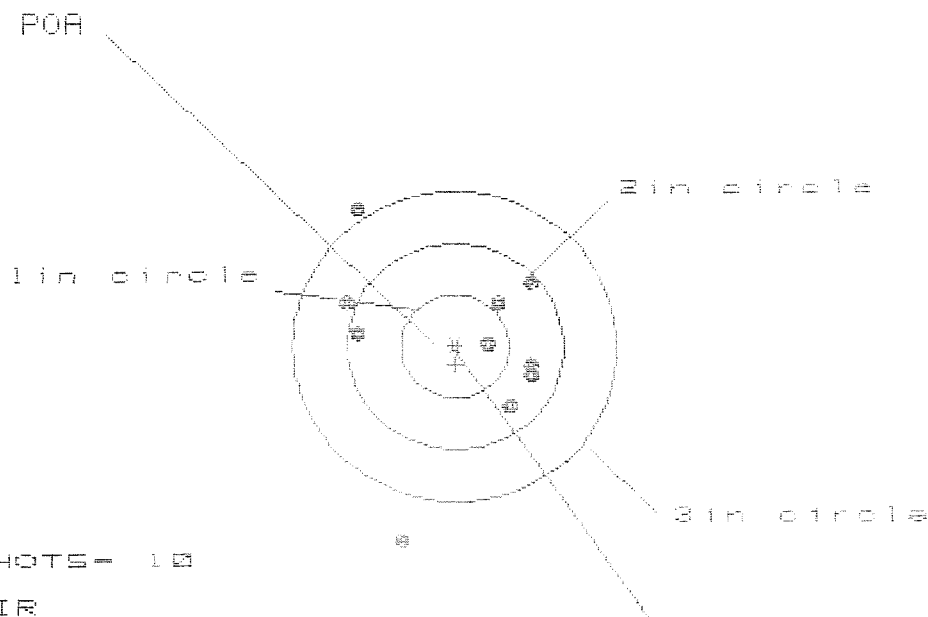
$\frac{51}{2}$ ----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .01
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0384
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0396807
THE AMR FOR THIS RIFLE IS: 1.024

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348767

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 1.721

VS = 3.119

GS = 3.147

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.716	.665	.549
MINIMUM X	-1.005	-1.056	-1.172
MAXIMUM Y	1.289	1.085	.580
MINIMUM Y	-1.830	-.763	-.627
CENTROID X	-.000	.051	.167
CENTROID Y	.174	.378	.242
POA TO CENTROID in.	.174	.381	.294
MIN RADIUS	.271	.296	.121
MEAN RADIUS	.944	.821	.690
MAX RADIUS	1.887	1.427	1.222
HORIZONTAL SPREAD	1.721	1.721	1.721
VERTICAL SPREAD	3.119	1.848	1.207
EXTREME SPREAD	3.147	2.314	1.844
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CBS48767

CENTERFIRE PATTERNS # 2

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.906

VS= 3.268

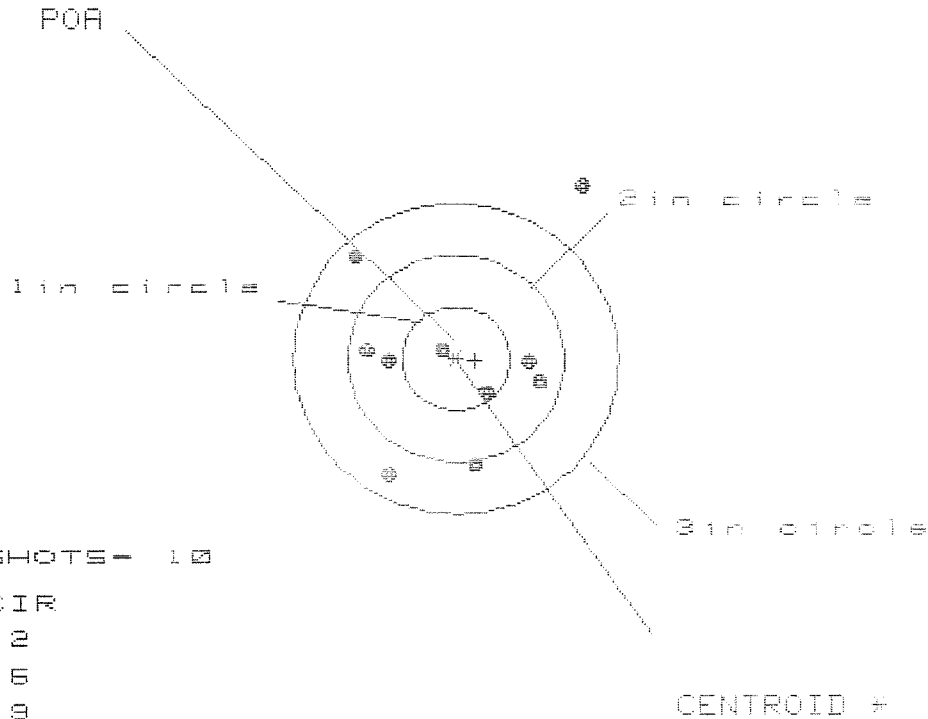
GS= 3.373

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.751
MINIMUM X	:	-1.155
MAXIMUM Y	:	1.421
MINIMUM Y	:	-1.847
CENTROID X	:	.235
CENTROID Y	:	-.286
POR TO CENTROID in.	:	.370
MIN RADIUS	:	.280
MEAN RADIUS	:	1.027
MAX RADIUS	:	1.874
HORIZONTAL SPREAD	:	2.906
VERTICAL SPREAD	:	3.268
EXTREME SPREAD	:	3.373
NUMBER IN ONE INCH CIRCLE	=	2
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	7

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/063487B7

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.046

VS = 2.747

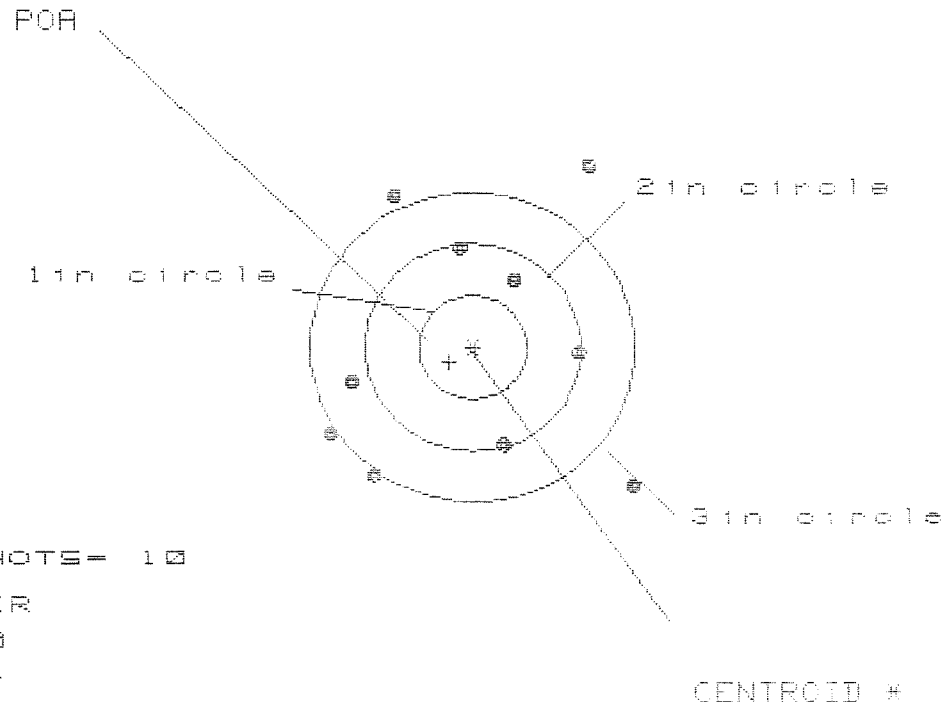
GS = 3.250

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.160	.930	.835
MINIMUM X	-.886	-.757	-.813
MAXIMUM Y	1.664	1.155	.399
MINIMUM Y	-1.083	-.898	-.753
CENTROID X	-.174	-.383	-.288
CENTROID Y	.018	-.167	-.312
POA TO CENTROID in.	.175	.346	.375
MIN RADIUS	.129	.255	.357
MEAN RADIUS	.915	.776	.693
MAX RADIUS	2.029	1.381	.928
HORIZONTAL SPREAD	2.046	1.687	1.648
VERTICAL SPREAD	2.747	2.053	1.152
EXTREME SPREAD	3.250	2.243	1.681
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348767

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 5

HS= 2.837

VS= 3.126

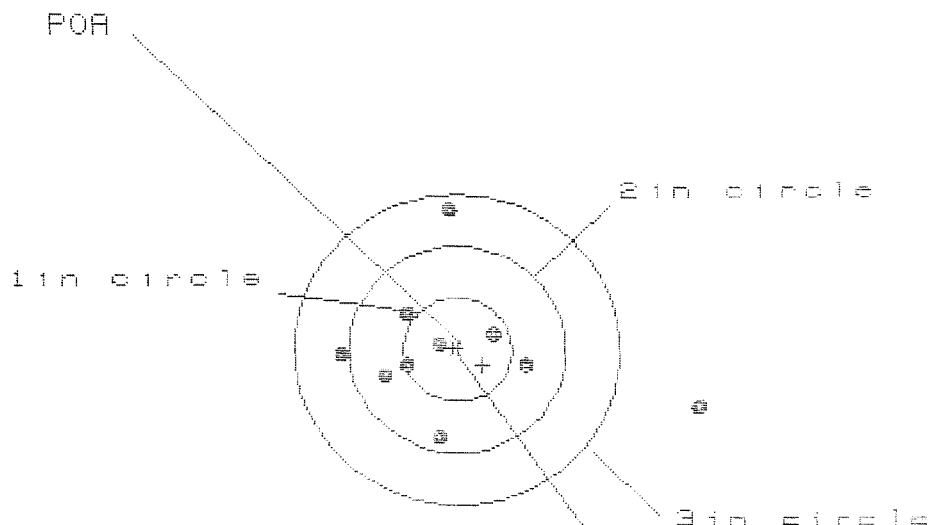
GS= 3.611

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.488	1.614	1.262
MINIMUM X	-1.349	-1.223	-1.021
MAXIMUM Y	1.739	1.641	1.492
MINIMUM Y	-1.387	-1.194	-1.145
CENTROID X	.219	.093	-.109
CENTROID Y	.139	-.054	.095
POA TO CENTROID in.	.259	.108	.144
MIN RADIUS	.757	.872	.846
MEAN RADIUS	1.367	1.280	1.173
MAX RADIUS	2.073	2.007	1.549
HORIZONTAL SPREAD	2.837	2.837	2.284
VERTICAL SPREAD	3.126	2.835	2.637
EXTREME SPREAD	3.611	3.609	2.643
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348757

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 3.349

VS= 2.208

GS= 3.394

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.259	.896	.917
MINIMUM X	:	-1.090	-.839	-.818
MAXIMUM Y	:	1.402	1.340	.409
MINIMUM Y	:	-.806	-.868	-.701
CENTROID X	:	-.230	-.481	-.502
CENTROID Y	:	.147	.209	.042
POA TO CENTROID in.	:	.273	.524	.504
MIN RADIUS	:	.159	.102	.201
MEAN RADIUS	:	.868	.654	.555
MAX RADIUS	:	2.328	1.351	.917
HORIZONTAL SPREAD	:	3.349	1.735	1.735
VERTICAL SPREAD	:	2.208	2.208	1.110
EXTREME SPREAD	:	3.394	2.211	1.738
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington



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

MODEL 700TH M24

SERIAL NO.

C6348767

ORDER NO.

5716

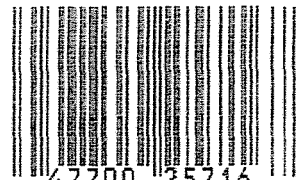
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348767

UPC



0 47700 25716 7