

C6587752

MODEL 700TM M24

Model **SMS**TM

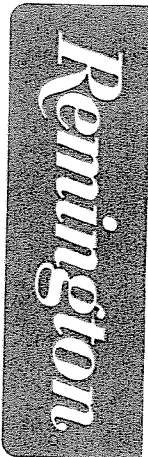
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18778

INITIAL CUSTOMER ORDER NO.

JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT

ATTN FRED MARTIN

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/14/94

06/15/94

C6587752

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

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

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

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

Barrel
Trigger Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

6/17/96

6/17/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400026461

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587252

DATE 6-12-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.71	2.70		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.74	2.71		
PULL #3	2.63	2.83	2.72		
PULL #4	2.47	2.68	2.88		
PULL #5	2.55	2.43	2.69		
TOTAL	12.85	13.39	13.70		
AVG.	2.57	2.67	2.74		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.44		
PULL #2	3.33	3.34		
PULL #3	3.40	3.33		
PULL #4	3.37	3.31		
PULL #5	3.34	3.42		
TOTAL	16.70	16.84		
AVG.	3.34	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.04		4.39
PULL #2	4.20	4.20		4.36
PULL #3	4.12	4.27		4.33
PULL #4	4.00	4.25		4.45
PULL #5	4.01	4.23		4.34
TOTAL	20.37	20.99		21.89
AVG.	4.07	4.19		4.37

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6.5	6			7/14/96	SF
	G) Safety Off Force	3	3.5	4			7/14/96	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0205	.021	.021			7/14/96	SF
	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	2.60	2.67	2.72	2.66	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			
	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			

3 B40 Groups

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587752
16 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.423275
1 TO	2	.132608
1 TO	3	.217113
1 TO	4	.369424
1 TO	5	.0661891

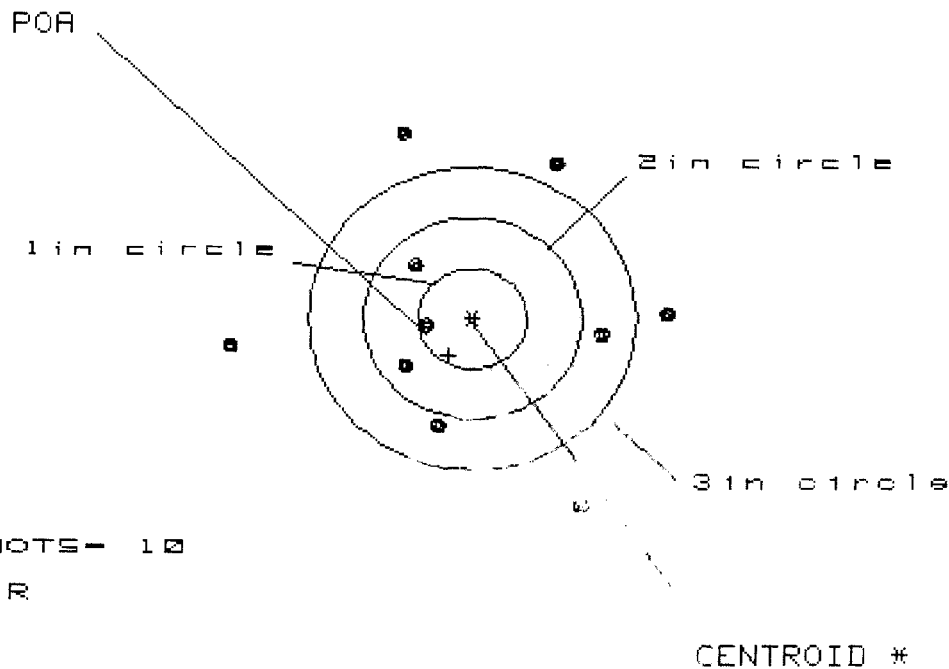
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1312
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .336832

THE AMR FOR THIS RIFLE IS: 1.159

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in = 5

HS- 3.955

VS- 3.622

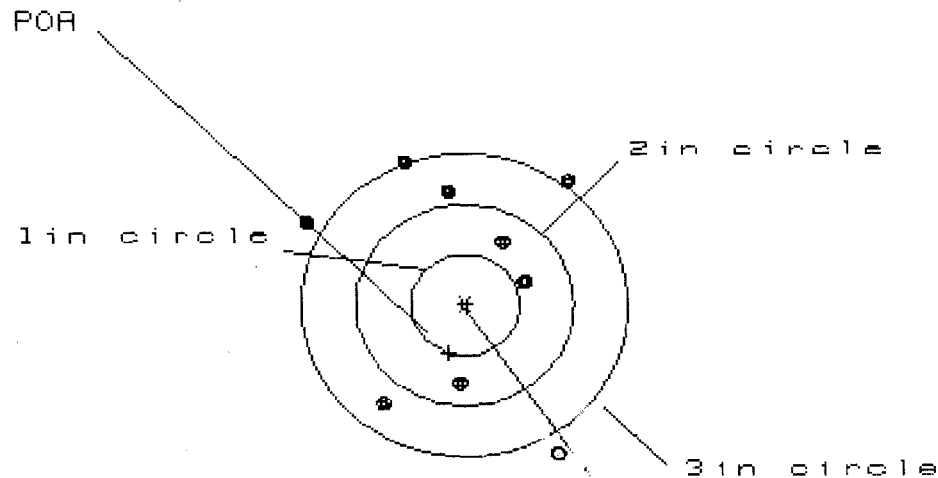
GS- 3.975

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.779	1.537	1.629
MINIMUM X	:	-2.176	-.905	-.813
MAXIMUM Y	:	1.795	1.767	1.536
MINIMUM Y	:	-1.827	-1.855	-1.369
CENTROID X	:	.221	.463	.371
CENTROID Y	:	.361	.389	.621
POA TO CENTROID in.	:	.423	.604	.723
MIN RADIUS	:	.437	.679	.680
MEAN RADIUS	:	1.398	1.326	1.229
MAX RADIUS	:	2.190	1.994	1.737
HORIZONTAL SPREAD	:	3.955	2.442	2.442
VERTICAL SPREAD	:	3.622	2.622	2.904
EXTREME SPREAD	:	3.975	3.975	2.995
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	5		

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 3

2in - 3

3in - 4

HS- 2.457

VS- 3.763

GS- 3.858

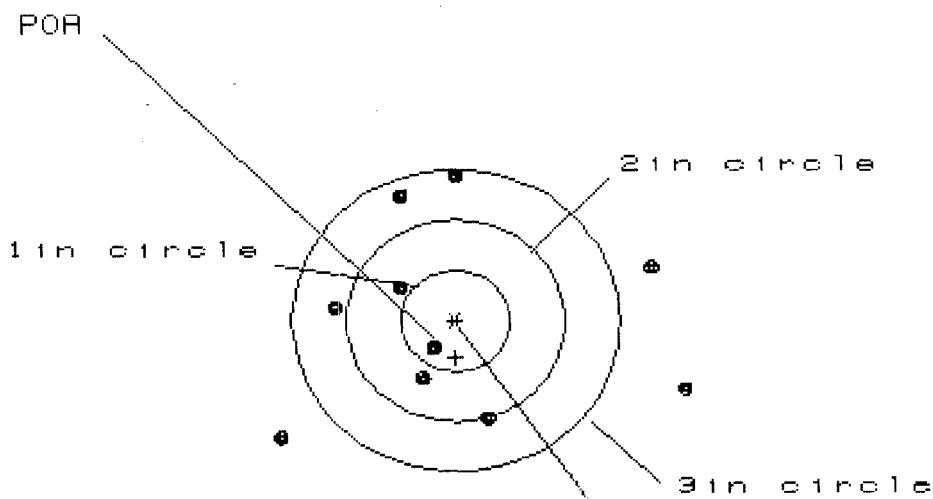
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.984	1.014	.834
MINIMUM X	:	-1.473	-1.443	-.938
MAXIMUM Y	:	1.413	1.152	1.226
MINIMUM Y	:	-2.350	-1.694	-1.620
CENTROID X	:	.150	.120	.300
CENTROID Y	:	.473	.734	.660
POA TO CENTROID in.	:	.496	.743	.725
MIN RADIUS	:	.565	.518	.361
MEAN RADIUS	:	1.319	1.165	1.091
MAX RADIUS	:	2.365	1.912	1.767
HORIZONTAL SPREAD	:	2.457	2.457	1.772
VERTICAL SPREAD	:	3.763	2.846	2.846
EXTREME SPREAD	:	3.858	3.263	3.188
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.783

VS= 2.549

GS= 3.817

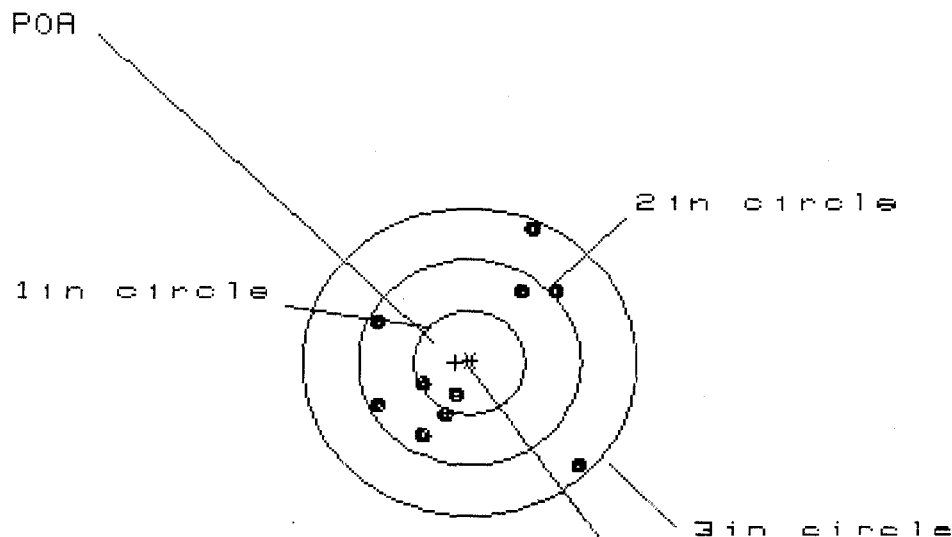
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.133	2.014	1.838
MINIMUM X	:	-1.650	-1.413	-1.019
MAXIMUM Y	:	1.416	1.346	1.196
MINIMUM Y	:	-1.133	-1.203	-1.210
CENTROID X	:	.004	-.233	-.057
CENTROID Y	:	.368	.438	.588
POA TO CENTROID in.	:	.369	.496	.591
MIN RADIUS	:	.400	.365	.419
MEAN RADIUS	:	1.256	1.101	1.032
MAX RADIUS	:	2.222	2.063	1.861
HORIZONTAL SPREAD	:	3.783	3.427	2.857
VERTICAL SPREAD	:	2.549	2.549	2.406
EXTREME SPREAD	:	3.817	3.803	2.877
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.853

VS= 2.254

GS= 2.307

CENTROID #

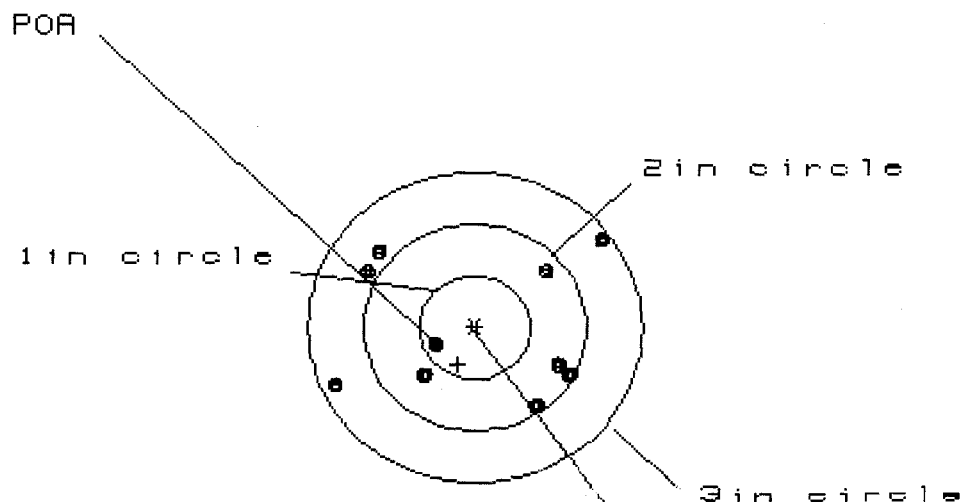
PATTERN # : 4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.994	.865	.952
MINIMUM X	-.859	-.748	-.661
MAXIMUM Y	1.253	1.142	.744
MINIMUM Y	-1.001	-.838	-.696
CENTROID X	.126	.015	-.072
CENTROID Y	.004	.115	-.027
POA TO CENTROID in.	.126	.116	.077
MIN RADIUS	.295	.388	.264
MEAN RADIUS	.867	.802	.679
MAX RADIUS	1.411	1.337	1.205
HORIZONTAL SPREAD	1.853	1.613	1.613
VERTICAL SPREAD	2.254	1.980	1.440
EXTREME SPREAD	2.307	2.202	1.934
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

16 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.415

VS= 1.625

GS= 2.791

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.151	.928	.786
MINIMUM X	:	-1.264	-1.136	-1.005
MAXIMUM Y	:	.854	.816	.759
MINIMUM Y	:	-.771	-.676	-.733
CENTROID X	:	.155	.027	.169
CENTROID Y	:	.356	.261	.318
POA TO CENTROID in.	:	.389	.263	.360
MIN RADIUS	:	.356	.204	.356
MEAN RADIUS	:	.953	.877	.836
MAX RADIUS	:	1.433	1.222	1.180
HORIZONTAL SPREAD	:	2.415	2.064	1.791
VERTICAL SPREAD	:	1.625	1.492	1.492
EXTREME SPREAD	:	2.791	2.146	2.052
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	




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

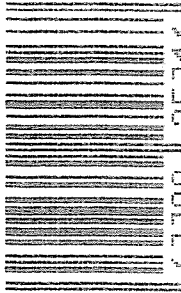
MODEL 700™ H24

SERIAL NO.
06587752

ORDER NO.
5716

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

UPC



0 4700 25716 7



5716 06587752

GFM BBL's

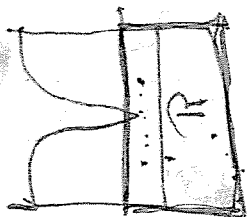
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587752

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		12/23/90	KR
	Magnaflux Bolt		12/23/90	KR
615	Rollmark Caliber		12/23/90	LL
617	Drill and Tap Sight Holes		12/30/90	FB
618	Polish Barrel		12/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-9-91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.75	4.75	5.0			1/8/91	KI
	G) Safety Off Force	2.50	2.50	2.50			1/8/91	KJ
	H) Trigger Pull Test & Retainability						1-9-91	JH
	I) Firing Pin Indent	.021	.021	.021			1/8/91	KJ
	J) Assemble Stock						1/17/91	RW
	K) Assemble Swivel Studs						2-1-91	AC
	L) Attach Front and Rear Sight Assemblies						1/17/91	RW
	M) Iron Sight Alignment						1/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/17/91	RW
	O) Attach Scope to Rifle						1/17/91	RW
	P) Detach & Attach Scope 20 Times						1/17/91	RW
640	Gallery Target & Test						1-17-91	DH
	A) Time						1-17-91	DH
	B) Malfunctions						1-17-91	DH
	C) Pierced Primers						1-17-91	DH
	D) Optical Clarity of Scope						1-17-91	DH
645	Inspect for Live Ammo						1-17-91	DH
655	Final Inspection							
	A) Headspace						2-1-91	K
	B) Trigger Pull	2.46	2.47	2.44	2.46	2.47	1-23-91	JH
	C) Function						2-1-91	K
660	Pack						3-18-91	N



SWS TRIGGER PULL TEST

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

SERIAL NO. C6587752
DATE 1-9-91
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.44	2.38	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.37	2.41	2.47	
PULL #3	2.38	2.36	2.44	2.44	
PULL #4	2.26	2.41	2.39	2.46	
PULL #5	2.38	2.42	2.43	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.38		
PULL #2	3.45	3.48		
PULL #3	3.26	3.25		
PULL #4	3.44	3.45		
PULL #5	3.49	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.21		4.29
PULL #2	4.49	4.29		4.30
PULL #3	4.28	4.28		4.26
PULL #4	4.29	4.25		4.26
PULL #5	4.25	4.26		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587752
18 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.184621
1 TO	2	.154871
1 TO	3	.106231
1 TO	4	.0898844
1 TO	5	.143126

± <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0236
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1734
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174999
THE AMR FOR THIS RIFLE IS: 1.852

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587752

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 8

HS = 3.578

VS = 3.290

GS = 3.927

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.664	1.610	1.228
MINIMUM X	-.914	-.968	-.766
MAXIMUM Y	1.102	.859	.821
MINIMUM Y	-2.188	-1.591	-1.484
CENTROID X	.031	.085	-.117
CENTROID Y	-.182	.061	-.046
POA TO CENTROID in.	.184	.105	.125
MIN RADIUS	.647	.633	.566
MEAN RADIUS	1.206	1.070	.950
MAX RADIUS	2.241	1.825	1.502
HORIZONTAL SPREAD	2.578	2.578	1.994
VERTICAL SPREAD	3.290	2.450	2.305
EXTREME SPREAD	3.927	3.191	2.414
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.133

VS= 2.961

GS= 3.425

CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.163	1.056	1.040
MINIMUM X	-.970	-.854	-.870
MAXIMUM Y	1.324	1.144	.917
MINIMUM Y	-1.637	-1.817	-.626
CENTROID X	-.050	.057	.073
CENTROID Y	-.314	-.134	.093
POA TO CENTROID in.	.318	.146	.118
MIN RADIUS	.219	.277	.095
MEAN RADIUS	1.064	.953	.821
MAX RADIUS	1.886	1.821	1.130
HORIZONTAL SPREAD	2.133	1.910	1.910
VERTICAL SPREAD	2.961	2.961	1.543
EXTREME SPREAD	3.425	3.067	2.077
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587732

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.960

VS= 1.723

GS= 2.964

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.583	1.466	1.316
MINIMUM X	-1.377	-1.201	-1.058
MAXIMUM Y	1.149	1.167	1.170
MINIMUM Y	-.574	-.556	-.553
CENTROID X	-.027	-.203	-.053
CENTROID Y	-.093	-.111	-.114
POA TO CENTROID in.	.097	.231	.126
MIN RADIUS	.350	.206	.317
MEAN RADIUS	.981	.875	.849
MAX RADIUS	1.591	1.466	1.316
HORIZONTAL SPREAD	2.960	2.667	2.374
VERTICAL SPREAD	1.723	1.723	1.723
EXTREME SPREAD	2.964	2.668	2.374
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587752

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 2.414

VS = 2.001

GS = 2.608

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.941	.778	.630
MINIMUM X	-1.473	-1.183	-1.146
MAXIMUM Y	1.164	1.116	1.005
MINIMUM Y	-.837	-.885	-.727
CENTROID X	-.010	.153	.301
CENTROID Y	-.102	-.054	.057
POA TO CENTROID in.	.102	.162	.306
MIN RADIUS	.458	.299	.219
MEAN RADIUS	.964	.872	.768
MAX RADIUS	1.535	1.478	1.357
HORIZONTAL SPREAD	2.414	1.961	1.776
VERTICAL SPREAD	2.001	2.001	1.732
EXTREME SPREAD	2.608	2.476	2.150
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	

NUMBER IN THREE INCH CIRCLE =

9

18 Jan 1991

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 2.430

VS = 3.408

GS = 3.487

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.211	1.263	1.332
MINIMUM X	:	-1.219	-1.167	-1.098
MAXIMUM Y	:	1.301	1.067	1.126
MINIMUM Y	:	-2.107	-1.224	-1.098
CENTROID X	:	.174	.122	.053
CENTROID Y	:	-.176	.058	-.076
POA TO CENTROID in.	:	.248	.135	.092
MIN RADIUS	:	.587	.682	.557
MEAN RADIUS	:	1.147	1.023	.976
MAX RADIUS	:	2.158	1.314	1.421
HORIZONTAL SPREAD	:	2.430	2.430	2.430
VERTICAL SPREAD	:	3.408	2.291	2.216
EXTREME SPREAD	:	3.487	2.504	2.504
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	