

4-2

C6498807

79

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-23206

INITIAL CUSTOMER ORDER NO.

FPS

M24 W/ULTRA 10X-M3A SCOPE

ATTN: FRED MARTIN

Scope S/N 90-0689

DATE RECEIVED

08/09/94

DATE OPENED

08/09/94

DATE CODE

KK 5-90

SERIAL NUMBER

C6498807

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

SOFT CASE

HARD CASE

SLING STRAP

W/STUDS

W/SWIVELS

W/SCOPE MNTS, BASE

FROM:

SHIP TO:

DEPT. OF THE ARMY
DIRECTOR OF LOGISTICS
ATTN: APVR-DL-CS, BLDG 804
FT. RICHARDSON AK 99505DEPT. OF THE ARMY
DIRECTOR OF LOGISTICS
ATTN: APVR-DL-CS, BLDG 804
FT. RICHARDSON AK
99505

CUST NO: 101197 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R630734500

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

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel
Stock
Trigger ASSY
Firing pin ASSY
mag Spring
Front & Rear Sight ASSY

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M240008097



DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

DEPARTMENT OF THE ARMY
DIRECTOR OF LOGISTICS
ATTN: APVR-DL-CS, BLDG 804
600 RICHARDSON DRIVE # 7000
FORT RICHARDSON, ALASKA 99505-7000

OFFICIAL BUSINESS

REMINGTON ARMS CO.
14 HOEPLER AVE.
ILION, NY 13357

PRIORITY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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PAGE 1
07/07/94

DODSASP SERIAL NUMBER
SHIPMENT REPORT

DSMB14S1005012402136

WC1JTH4015AAMP CMAH2WWC1JTH000C6498807 WC1JTH 94188

TOTAL NUMBER OF WEAPONS SHIPPED: 1

PAGE 1
07/07/94

DODSASP SERIAL NUMBER
SHIPMENT REPORT

DSMB14S1005012402136

WC1JTH4015AAMP CMAH2WWC1JTH000C6498807 WC1JTH 94188

TOTAL NUMBER OF WEAPONS SHIPPED: 1

SN: C6498807
CMA H2W

CMD: M

PMN

1 OF A01CM1J024R
94160

SR PROP CON BR
SUP DIV DOL BLDG 804
600 RICHARDSON DRIVE 7000
FT RICHARDSON AK 99505-7000

SUBJECT: EXCEPTION DATA
DOCUMENT NUMBER WC1JTH4018AAMP

1. FOR MATERIEL RETURN TX: FTR/B14/2/1005012402136 /EA/00001/
WC1JTH4018AAMP/ /Y00000/D/GA/ /MR2/13/160/TD/B14/ /F/D/N/0514500
IS BEING RETURNED WITH THE FOLLOWING EXCEPTION DATA:
SHIP TO REMINGTON ARMS, 14 HOEFLER AVE. ILION, NY 13357.
REQUIRE REQUISITION FOR RETURN FROM CONTRACTOR. SUBMIT
THRU AVLIN (WALT) WALTON, DSN 793-3838.

2. POINT OF CONTACT FOR THIS ACTION IS TARA MCANDREWS _____
AUTOVON 793-6216 _____

(NAME AND TITLE)

CF: MMD-DC

NOTE: DO NOT Return to the Reporting
Active, Repair and Send to
the appointing depot.

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

KINZER V. REMINGTON

M2400008103

WCCNM-051501

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498807

DATE 5-11-96

TESTER RA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.30	2.12		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.12	2.14	2.13		
PULL #3	2.12	2.11	2.13		
PULL #4	2.07	2.20	2.48		
PULL #5	2.08	2.20	2.29		
TOTAL	10.58	10.85	11.15		
AVG.	2.11	2.19	2.23		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.02		
PULL #2	3.24	3.04		
PULL #3	3.24	3.08		
PULL #4	3.24	3.00		
PULL #5	3.22	3.04		
TOTAL	16.21	15.18		
AVG.	3.24	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.00		4.01
PULL #2	4.14	3.98		4.18
PULL #3	4.00	3.96		4.03
PULL #4	4.01	3.90		4.20
PULL #5	4.00	3.94		4.00
TOTAL	20.30	19.78		20.42
AVG.	4.06	3.95		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498807
27 Mar 1900

CENTROIDAL DISTANCES

0 TO	1	.27015
1 TO	2	.320989
1 TO	3	.237407
1 TO	4	.284529
1 TO	5	.383407

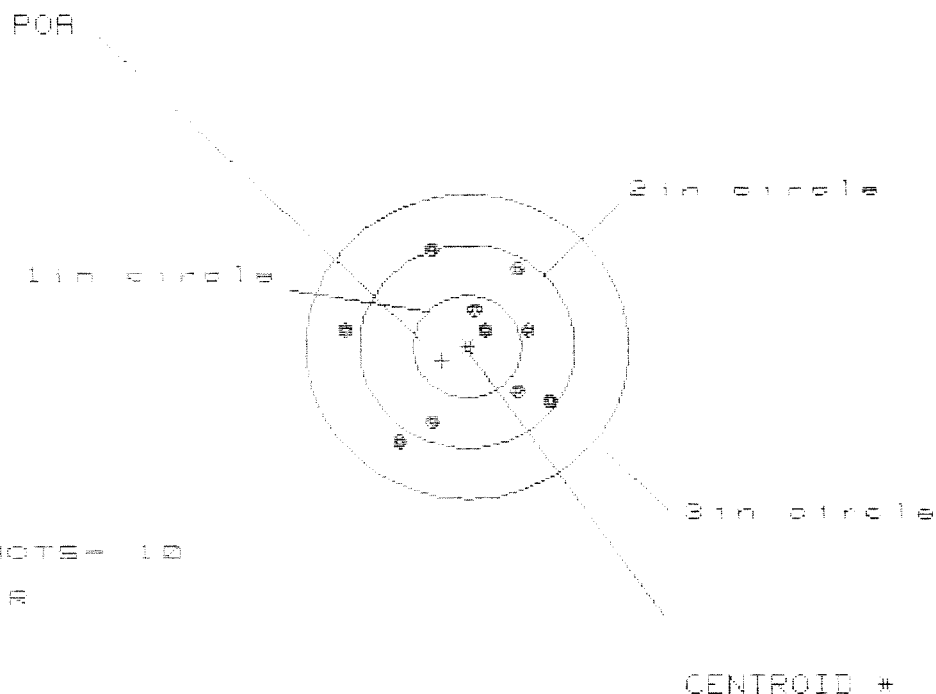
$\frac{4.1}{5}$ -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1064
THE RESULTING AVERAGE COI RADIUS FOR THIS RIFLE IS: .152010
THE AMR FOR THIS RIFLE IS: .9248

27 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08498807

CENTERFIRE PATTERNS # 1



OF SHOTS- 10
 # IN CIR
 1 in = 2
 2 in = 7
 3 in = 10
 ME = 1.916
 VE = 1.965
 GE = 2.073

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.701	.549
MINIMUM X	-1.143	-1.215	-.587
MAXIMUM Y	.993	.885	.892
MINIMUM Y	-.972	-.812	-.804
CENTROID X	.234	.306	.458
CENTROID Y	.135	.243	.235
POA TO CENTROID in.	.270	.391	.515
MIN RADIUS	.210	.084	.100
MEAN RADIUS	.778	.701	.616
MAX RADIUS	1.170	1.217	1.068
HORIZONTAL SPREAD	1.916	1.916	1.136
VERTICAL SPREAD	1.965	1.697	1.697
EXTREME SPREAD	2.073	2.026	1.867
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

27 Mar 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6498887

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.573

VS= 2.524

GS= 2.763

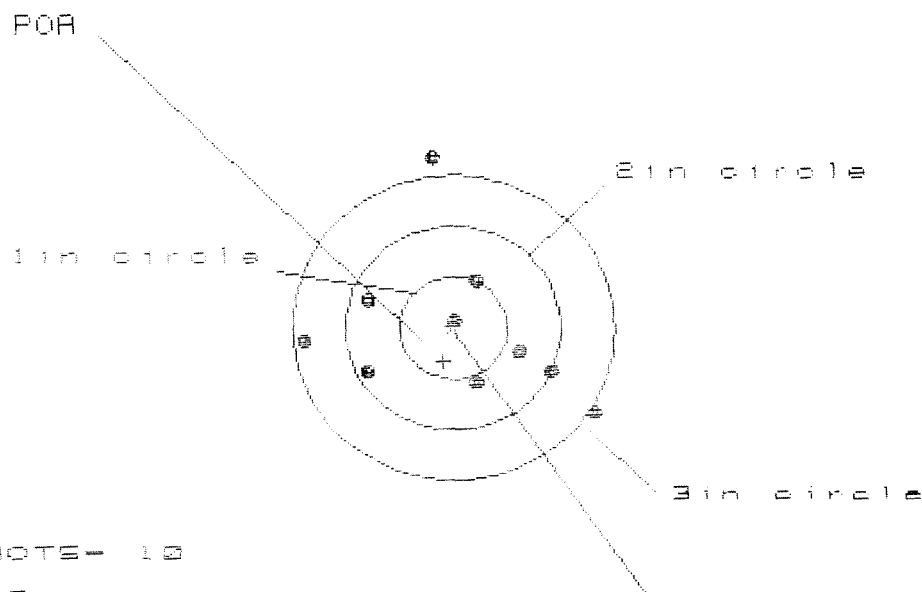
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.351	1.468	.726
MINIMUM X	-1.222	-1.105	-.921
MAXIMUM Y	1.265	1.383	1.437
MINIMUM Y	-1.259	-1.141	-1.087
CENTROID X	-.013	-.130	-.314
CENTROID Y	-.070	-.188	-.241
POA TO CENTROID in.	.071	.229	.396
MIN RADIUS	.434	.515	.561
MEAN RADIUS	1.090	1.032	.955
MAX RADIUS	1.498	1.530	1.513
HORIZONTAL SPREAD	2.573	2.573	1.647
VERTICAL SPREAD	2.524	2.524	2.524
EXTREME SPREAD	2.763	2.698	2.525
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		10	

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6498887

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 2

HS = 2.788

VS = 2.447

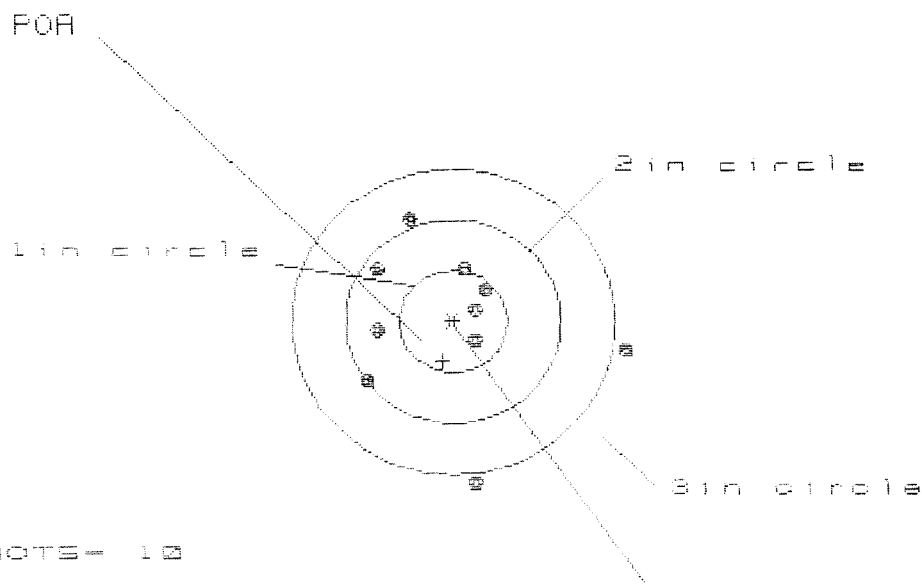
GS = 2.908

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.346	1.321	1.024
MINIMUM X	-1.442	-1.467	-1.302
MAXIMUM Y	1.670	.669	.596
MINIMUM Y	-.777	-.592	-.431
CENTROID X	.093	.118	-.047
CENTROID Y	.326	.141	.215
POA TO CENTROID in.	.339	.184	.220
MIN RADIUS	.050	.222	.229
MEAN RADIUS	.926	.839	.767
MAX RADIUS	1.685	1.469	1.302
HORIZONTAL SPREAD	2.788	2.788	2.326
VERTICAL SPREAD	2.447	1.261	1.027
EXTREME SPREAD	2.908	2.863	2.345
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08498887

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.354

VS= 2.585

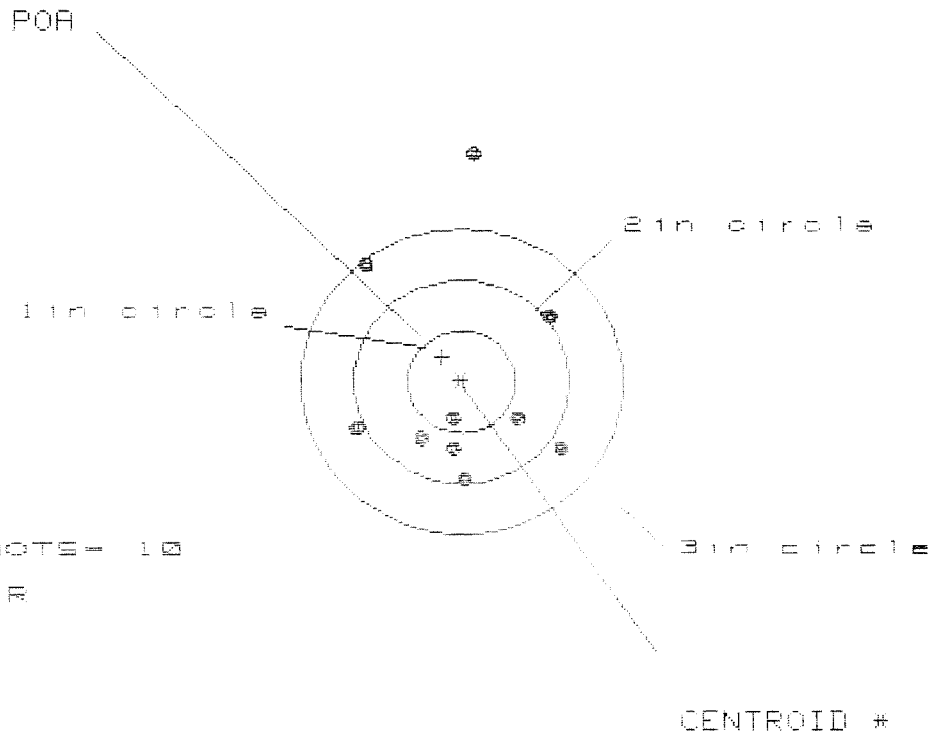
GS= 2.658

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.563	.429	.480
MINIMUM X	:	-.791	-.617	-.566
MAXIMUM Y	:	1.022	.993	.794
MINIMUM Y	:	-1.563	-1.592	-.764
CENTROID X	:	.100	-.074	-.125
CENTROID Y	:	.386	.415	.614
FOR TO CENTROID in.	:	.399	.421	.626
MIN RADIUS	:	.220	.362	.407
MEAN RADIUS	:	.829	.745	.607
MAX RADIUS	:	1.585	1.643	.951
HORIZONTAL SPREAD	:	2.354	1.046	1.046
VERTICAL SPREAD	:	2.585	2.585	1.558
EXTREME SPREAD	:	2.658	2.658	1.610
NUMBER IN ONE INCH CIRCLE	=	3	7	8
NUMBER IN TWO INCH CIRCLE	=	7	7	8
NUMBER IN THREE INCH CIRCLE	=	8	7	8

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08498807

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 1.825

VS = 3.153

GS = 3.153

PATTERN #	1	2	3
SHOTS (BEST OF)	10	8	8
MAXIMUM X	.884	.697	.792
MINIMUM X	-.952	-.938	-1.042
MAXIMUM Y	2.224	1.354	1.030
MINIMUM Y	-.928	-.680	-.511
CENTROID X	.183	.169	.274
CENTROID Y	-.245	-.493	-.662
POA TO CENTROID in.	.306	.521	.716
MIN RADIUS	.365	.122	.160
MEAN RADIUS	1.001	.769	.624
MAX RADIUS	2.228	1.590	1.254
HORIZONTAL SPREAD	1.835	1.835	1.835
VERTICAL SPREAD	3.152	2.034	1.541
EXTREME SPREAD	3.153	2.445	2.061
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498807

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	5	5			5/29/96	A
	G) Safety Off Force	4	4	4			5/29/96	A
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.024			5/29/96	A
	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	2.45	2.23	2.48	2.54	2.21	5/29/96	WB
	C) Function							
660	Pack							

Remington



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

MODEL 700™ H24

SERIAL NO.
C6498807

ORDER NO.
5716

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

01



5716 C6498807

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400008113

3.12
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498807

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9 90		RW
600	Proof	5 9 90		RW
607	Check Headspace	5 9 90		RW
610	Dis-assemble Gun	5 9 90		RW
612	Magnaflux Barrel Action	5-15-90		BER
	Magnaflux Bolt	5-15-90		BER
615	Rollmark Caliber	5-15-90		KEP
617	Drill and Tap Sight Holes		5/17/90	FB
618	Polish Barrel AB		5/17/90	WB
620	Apply Coatings (Barrel Action)		5-25-90	TH
	Apply Coating (Bolt)			TH
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5-31-90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/1/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			6/1/90	WB
	H) Trigger Pull Test & Retainability						6/31/90	JH
	I) Firing Pin Indent	.025	.025	.025			6/1/90	WB
	J) Assemble Stock						6/1/90	RW
	K) Assemble Swivel Studs						6-8-90	JH
	L) Attach Front and Rear Sight Assemblies						6/1/90	RW
	M) Iron Sight Alignment						6/1/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/1/90	RW
	O) Attach Scope to Rifle						6/4/90	WB
	P) Detach & Attach Scope 20 Times						6/4/90	WB
640	Gallery Target & Test						6-4-90	AC
	A) Time						6-4-90	AC
	B) Malfunctions						6-4-90	AC
	C) Pierced Primers						6-4-90	AC
	D) Optical Clarity of Scope						6-4-90	AC
645	Inspect for Live Ammo						6-4-90	AC
655	Final Inspection							
	A) Headspace						6-8-90	JH
	B) Trigger Pull	247	239	241	245	242	6-8-90	JH
	C) Function						6-8-90	JH
660	Pack						6-9-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06498807

DATE 5/31/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.23	2.30	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.15	2.25	2.39	
PULL #3	2.41	2.24	2.15	2.41	
PULL #4	2.33	2.10	2.25	2.45	
PULL #5	2.16	2.15	2.10	2.42	
TOTAL	11.62	10.87	11.05		
AVG.	2.324	2.174	2.21		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.29		
PULL #2	3.33	3.35		
PULL #3	3.07	3.33		
PULL #4	3.29	3.29		
PULL #5	3.25	3.24		
TOTAL	16.18	16.50		
AVG.	3.236	3.3		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.47		4.54
PULL #2	4.41	4.49		4.43
PULL #3	4.51	4.50		4.47
PULL #4	4.40	4.45		4.50
PULL #5	4.45	4.40		4.40
TOTAL	22.22	22.31		22.34
AVG.	4.444	4.462		4.468

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498807
6 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.526818
1 TO	2	.119633
1 TO	3	.72747
1 TO	4	.785652
1 TO	5	.795252

$\frac{A}{25} + \text{-----POA}$

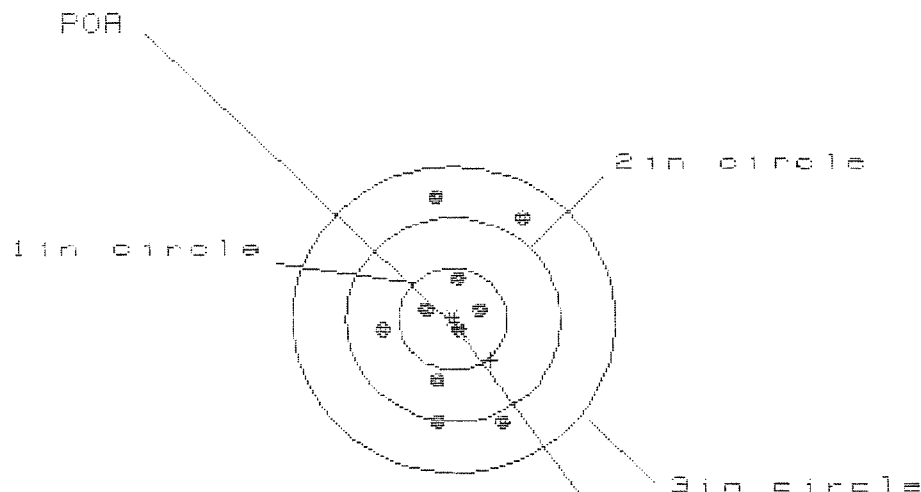
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3616
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0428
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .364124

THE AMR FOR THIS RIFLE IS: .7962

5 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498807

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 1.304

VS = 2.199

GS = 2.299

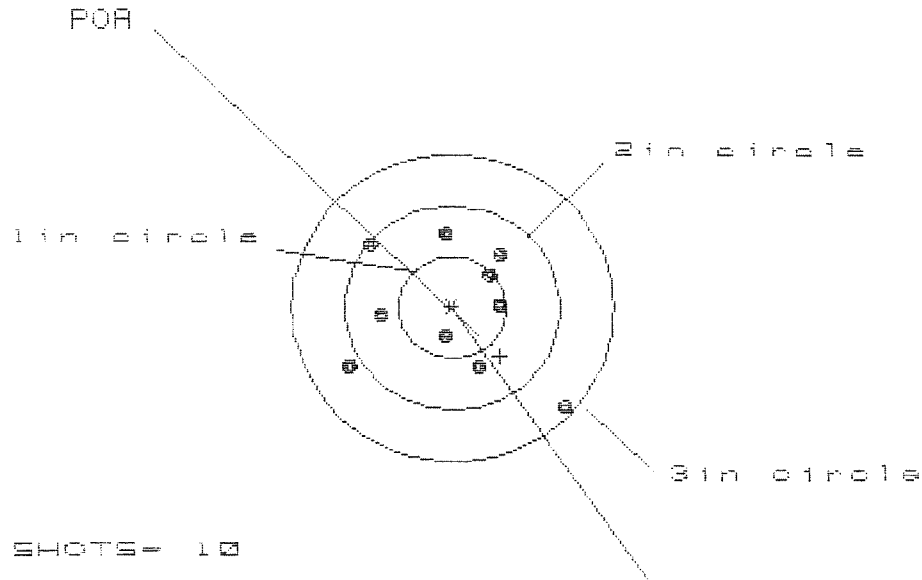
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.599	.579	.543
MINIMUM X	:	-.705	-.725	-.653
MAXIMUM Y	:	1.158	1.114	.763
MINIMUM Y	:	-1.041	-.912	-.773
CENTROID X	:	-.344	-.324	-.396
CENTROID Y	:	.399	.270	.131
FOR TO CENTROID in.	:	.527	.422	.418
MIN RADIUS	:	.094	.095	.251
MEAN RADIUS	:	.681	.627	.557
MAX RADIUS	:	1.172	1.255	.945
HORIZONTAL SPREAD	:	1.304	1.304	1.196
VERTICAL SPREAD	:	2.199	2.026	1.476
EXTREME SPREAD	:	2.299	2.075	1.550
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498887

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 1.9550

VS = 1.717

GS = 2.440

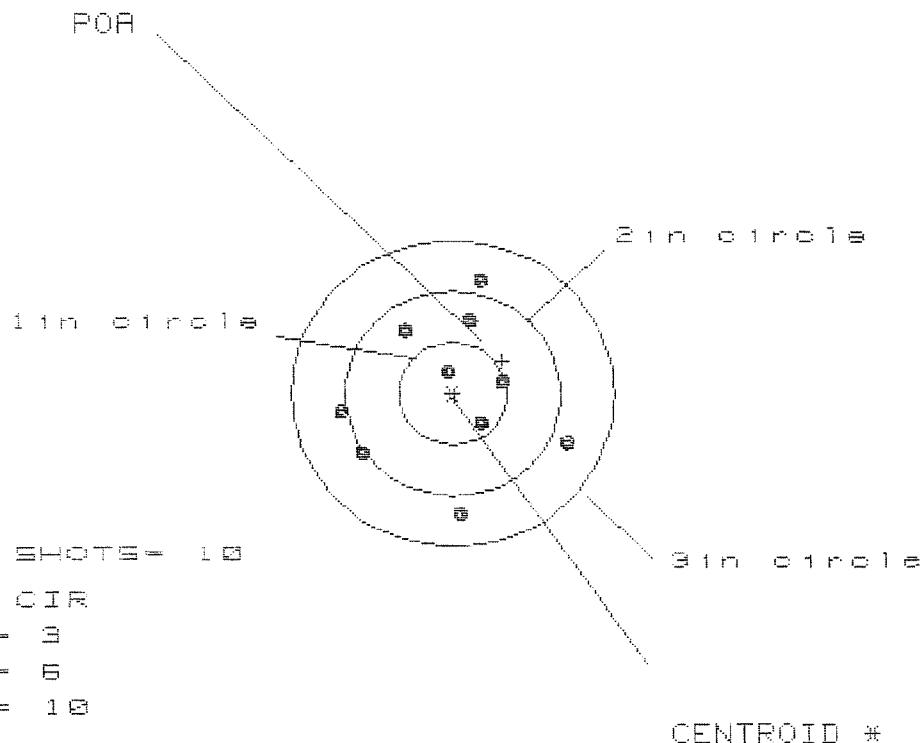
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.036	.585	.485
MINIMUM X	-.914	-.799	-.758
MAXIMUM Y	.735	.626	.546
MINIMUM Y	-.982	-.645	-.725
CENTROID X	-.438	-.553	-.453
CENTROID Y	.473	.582	.662
POA TO CENTROID in.	.645	.803	.882
MIN RADIUS	.248	.371	.365
MEAN RADIUS	.735	.660	.594
MAX RADIUS	1.428	1.022	.889
HORIZONTAL SPREAD	1.950	1.384	1.243
VERTICAL SPREAD	1.717	1.271	1.271
EXTREME SPREAD	2.440	1.741	1.549
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

5 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B887

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.101

VS = 2.288

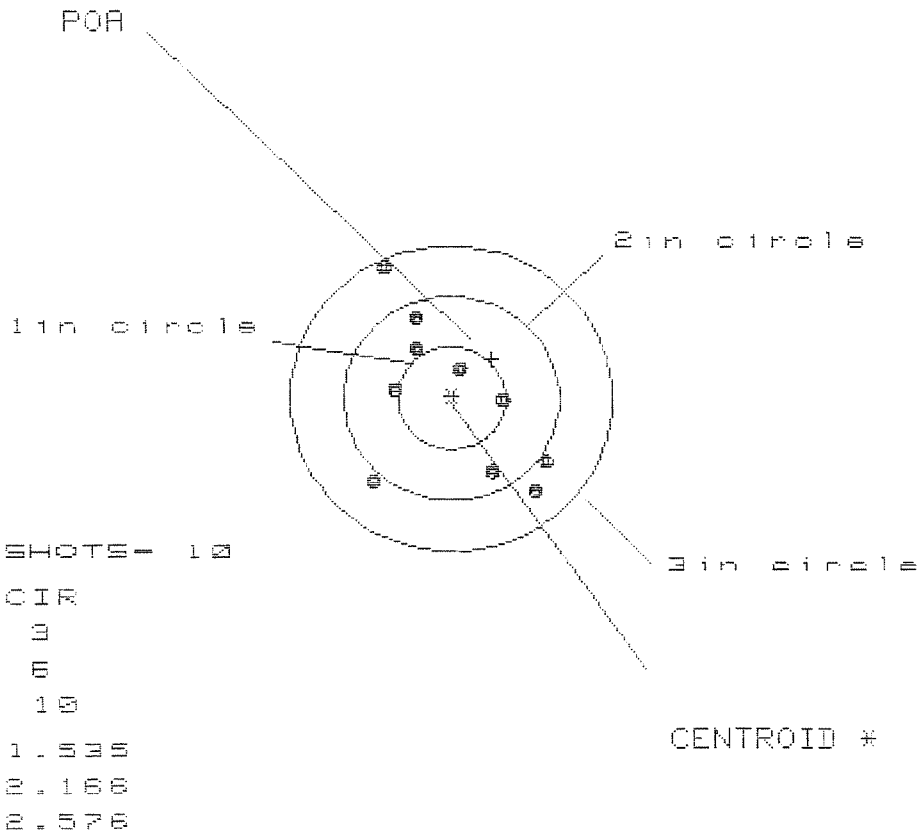
GS = 2.303

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.038	1.043	.579
MINIMUM X	-1.063	-1.058	-.928
MAXIMUM Y	1.101	.969	.887
MINIMUM Y	-1.188	-.717	-.799
CENTROID X	-.461	-.466	-.596
CENTROID Y	-.319	-.188	-.106
POA TO CENTROID in.	.561	.502	.606
MIN RADIUS	.250	.118	.128
MEAN RADIUS	.815	.749	.687
MAX RADIUS	1.188	1.229	1.046
HORIZONTAL SPREAD	2.101	2.101	1.507
VERTICAL SPREAD	2.288	1.686	1.686
EXTREME SPREAD	2.303	2.122	2.024
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

5 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498887

CENTERFIRE PATTERNS # 4

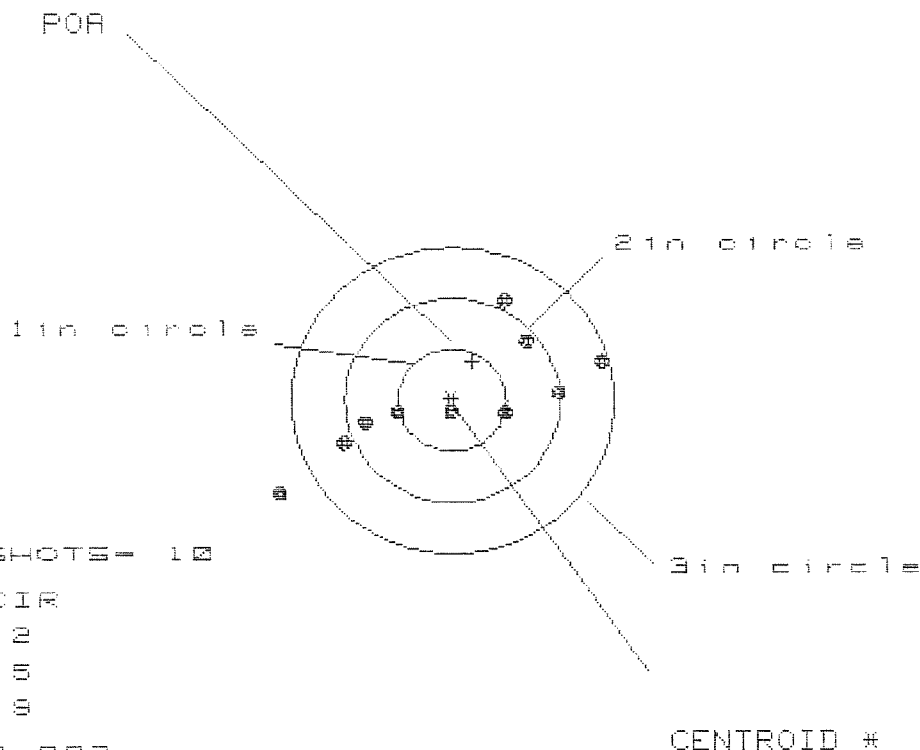


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.855	.784	.868
MINIMUM X	:	-.680	-.751	-.667
MAXIMUM Y	:	1.287	.924	.832
MINIMUM Y	:	-.879	-.736	-.719
CENTROID X	:	-.376	-.305	-.389
CENTROID Y	:	-.386	-.529	-.437
POA TO CENTROID in.	:	.539	.610	.585
MIN RADIUS	:	.296	.403	.349
MEAN RADIUS	:	.810	.743	.694
MAX RADIUS	:	1.439	1.000	1.009
HORIZONTAL SPREAD	:	1.535	1.535	1.535
VERTICAL SPREAD	:	2.166	1.660	1.551
EXTREME SPREAD	:	2.576	1.955	1.762
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6498887

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HS = 2.997

VS = 1.978

GS = 3.298

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.353	1.170	.980
MINIMUM X	:	-1.644	-1.144	-.998
MAXIMUM Y	:	1.018	.912	.950
MINIMUM Y	:	-.960	-.555	-.517
CENTROID X	:	-.189	-.006	-.152
CENTROID Y	:	-.381	-.275	-.313
POA TO CENTROID in.	:	.425	.275	.348
MIN RADIUS	:	.152	.344	.229
MEAN RADIUS	:	.940	.827	.767
MAX RADIUS	:	1.904	1.272	1.124
HORIZONTAL SPREAD	:	2.997	2.314	1.978
VERTICAL SPREAD	:	1.978	1.467	1.467
EXTREME SPREAD	:	3.298	2.470	2.056
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	