C6611471

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400077520

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN Scope S/N 90-0852

ORDER: R 94-18774

INITIAL	CUSTOMER ORDER NO.	DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
JJM	DAAA09-92-C-0834	06/14/94	06/15/94		C6611417		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

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
		☐			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
✓ Barrel
✓ Trigger Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			A	A	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			6/11/96	6/11/96	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611747
DATE 6-4-96
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.81	2.56		MIN. SETTING,
PULL #2	2.55	2.84	2.59		NO AVG. OF 5
PULL #3	2.60	2.79	2.62		READINGS ACCEPT-
PULL #4	2.60	2.85	2.64		ABLE LESS THAN 2#
PULL #5	2.63	2.82	2.73		
TOTAL	12.96	14.11	13.14		
AVG.	2.59	2.82	2.62		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.21		
PULL #2	3.19	3.12		
PULL #3	3.21	3.18		
PULL #4	3.20	3.19		
PULL #5	3.14	3.25		
TOTAL	15.87	15.95		
AVG.	3.17	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.19		4.11
PULL #2	4.20	4.13		4.07
PULL #3	4.25	4.19		4.15
PULL #4	4.26	4.08		4.04
PULL #5	4.19	4.16		4.07
TOTAL	21.19	20.75		20.44
AVG.	4.23	4.15		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611417
17 Apr 1900

CENTROIDAL DISTANCES

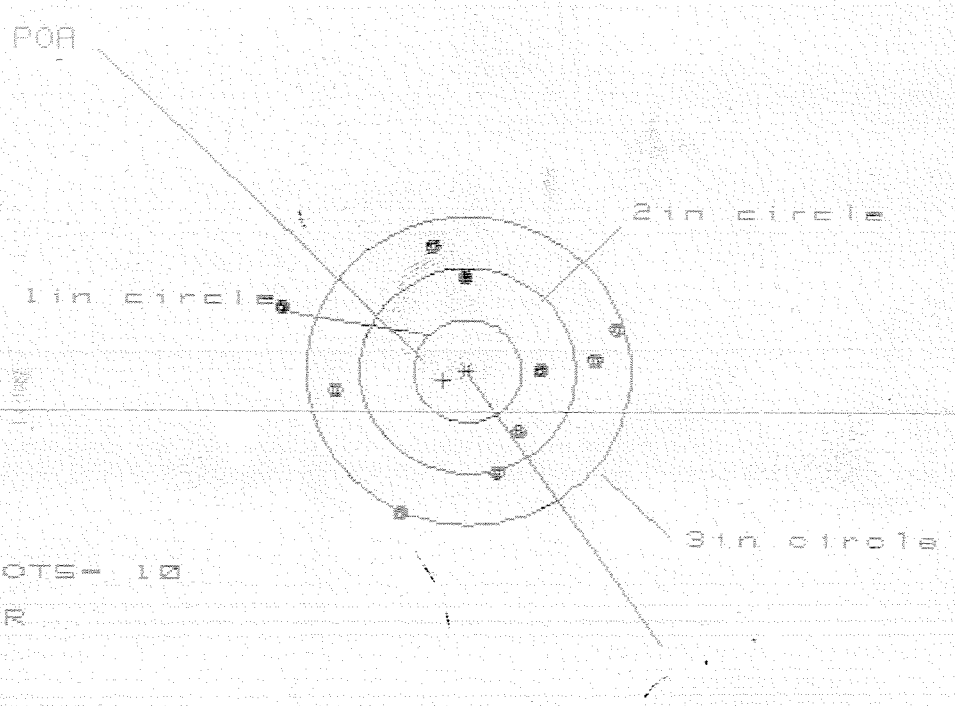
0	TO	1	.242745
1	TO	2	.421865
1	TO	3	.335037
1	TO	4	.311662
1	TO	5	.223544

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .063
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .176992

THE AMR FOR THIS RIFLE IS: .9912

17 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6611417

CENTERFIRE PATTERNS # 1

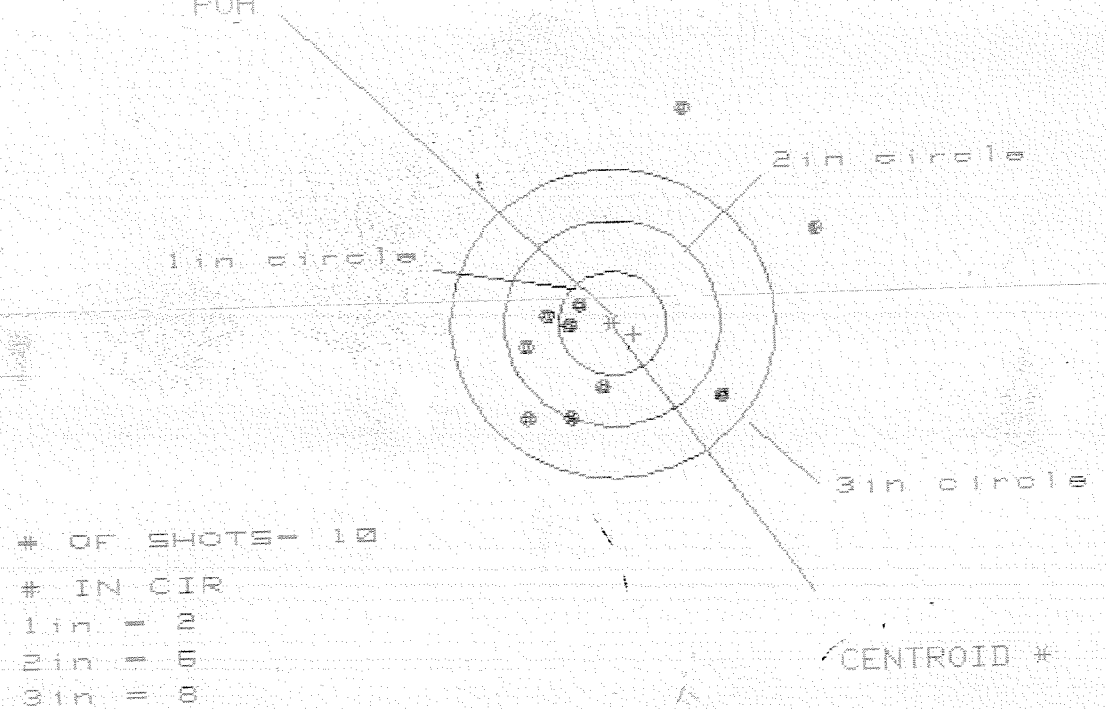


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 8
HS= 3.089
VS= 2.612
GS= 3.092

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.360	1.168	1.060
MINIMUM X	:	-1.729	-1.372	-1.480
MAXIMUM Y	:	1.190	1.255	1.086
MINIMUM Y	:	-1.423	-1.357	-1.117
CENTROID X	:	.227	.419	.527
CENTROID Y	:	.086	.021	.190
POA TO CENTROID in.	:	.243	.420	.560
MIN RADIUS	:	.637	.449	.355
MEAN RADIUS	:	1.175	1.063	.971
MAX RADIUS	:	1.827	1.606	1.513
HORIZONTAL SPREAD	:	3.089	2.540	2.540
VERTICAL SPREAD	:	2.612	2.612	2.202
EXTREME SPREAD	:	3.092	2.761	2.625
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8B11417

CENTERFIRE PATTERNS # 2

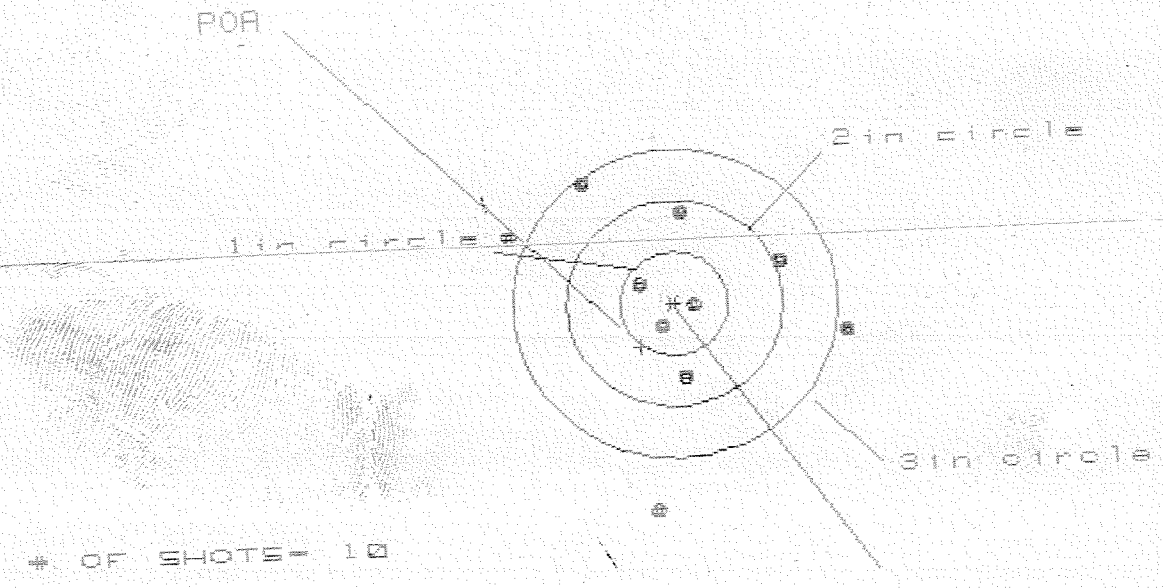


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= 2.703
VS= 2.973
GS= 3.320

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.883	1.956	1.304
MINIMUM X	:	-.820	-.747	-.502
MAXIMUM Y	:	2.063	1.151	.608
MINIMUM Y	:	-.910	-.681	-.537
CENTROID X	:	-.194	-.267	-.512
CENTROID Y	:	.113	-.116	-.260
POA TO CENTROID in.	:	.224	.291	.574
MIN RADIUS	:	.388	.339	.270
MEAN RADIUS	:	1.053	.867	.611
MAX RADIUS	:	2.166	2.270	1.342
HORIZONTAL SPREAD	:	2.703	2.703	1.806
VERTICAL SPREAD	:	2.973	1.832	1.145
EXTREME SPREAD	:	3.320	3.263	1.881
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Apr 1908 FILE:/PATTERNING/CENTERFIRE_PATT/C8B11417

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

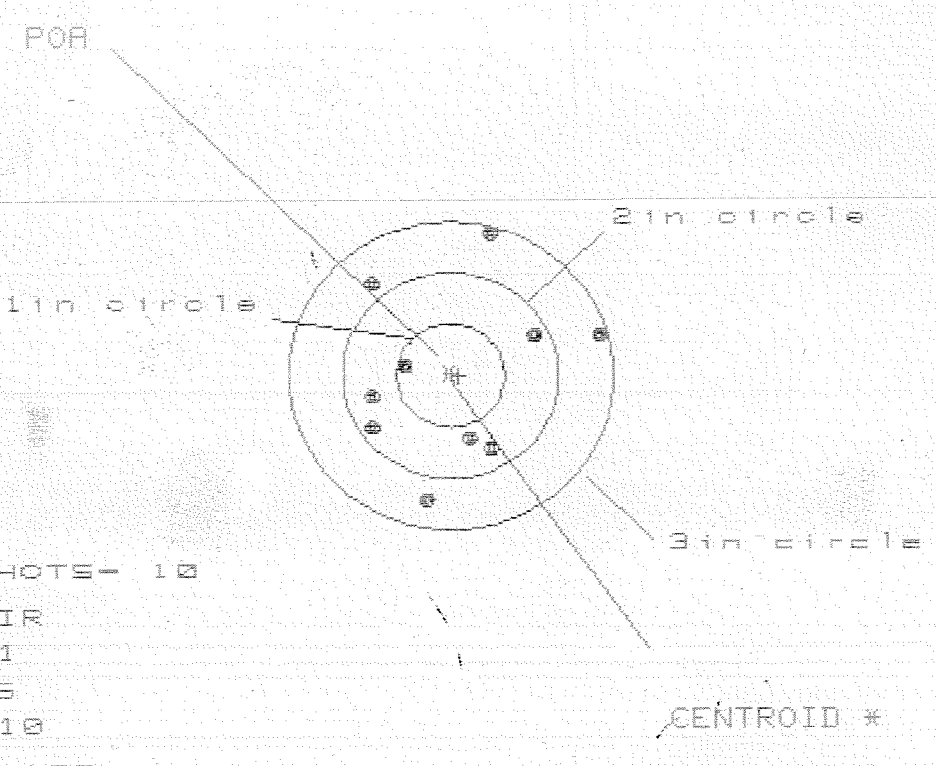
# IN CIR
1in = 3
2in = 5
3in = 7

HS= 3.091
VS= 3.293
GS= 3.349

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.599	1.575	1.142
MINIMUM X	-1.492	-1.516	-1.319
MAXIMUM Y	1.235	1.007	.935
MINIMUM Y	-2.058	-.983	-1.055
CENTROID X	.316	.340	.143
CENTROID Y	.409	.637	.709
POA TO CENTROID in.	.516	.722	.723
MIN RADIUS	.218	.294	.141
MEAN RADIUS	1.027	.912	.811
MAX RADIUS	2.069	1.677	1.367
HORIZONTAL SPREAD	3.091	3.091	2.461
VERTICAL SPREAD	3.293	1.990	1.990
EXTREME SPREAD	3.349	3.251	2.472
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	7	

17 Apr 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11417

CENTERFIRE PATTERNS # 4



\# OF SHOTS= 10

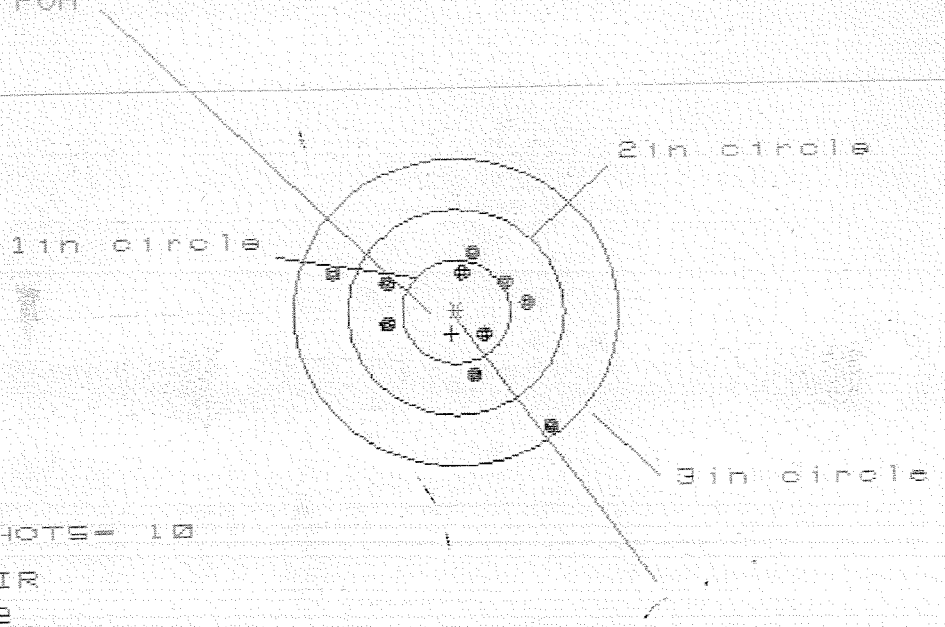
# IN CIR	
1in =	1
2in =	5
3in =	10

HS= 2.125
VS= 2.677
GS= 2.731

PATTERN # :	[redacted]		
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.355	1.393	.970
MINIMUM X :	-.770	-.732	-.558
MAXIMUM Y :	1.438	1.098	1.169
MINIMUM Y :	-1.239	-1.079	-1.008
CENTROID X :	-.075	-.113	-.287
CENTROID Y :	.009	-.151	-.222
POA TO CENTROID in.:	.076	.189	.363
MIN RADIUS :	.460	.494	.422
MEAN RADIUS :	.978	.893	.784
MAX RADIUS :	1.479	1.504	1.291
HORIZONTAL SPREAD :	2.125	2.125	1.528
VERTICAL SPREAD :	2.677	2.177	2.177
EXTREME SPREAD :	2.731	2.322	2.248
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

17 Mar 1999 FILE:/PATTERNING/CENTERFIRE_PATT/C0811417

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1in =	2
2in =	8
3in =	10
HS=	2.052
VS=	1.796
GS=	2.581

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.879	.730	.595
MINIMUM X	:	-1.173	-1.075	-.721
MAXIMUM Y	:	.638	.510	.545
MINIMUM Y	:	-1.158	-.719	-.684
CENTROID X	:	.041	-.057	.078
CENTROID Y	:	.210	.338	.303
POA TO CENTROID in.	:	.214	.343	.313
MIN RADIUS	:	.266	.266	.255
MEAN RADIUS	:	.723	.636	.553
MAX RADIUS	:	1.454	1.111	.749
HORIZONTAL SPREAD	:	2.052	1.805	1.316
VERTICAL SPREAD	:	1.796	1.229	1.229
EXTREME SPREAD	:	2.581	1.841	1.340
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

CONTRACT # DAAA21-87-C-0086

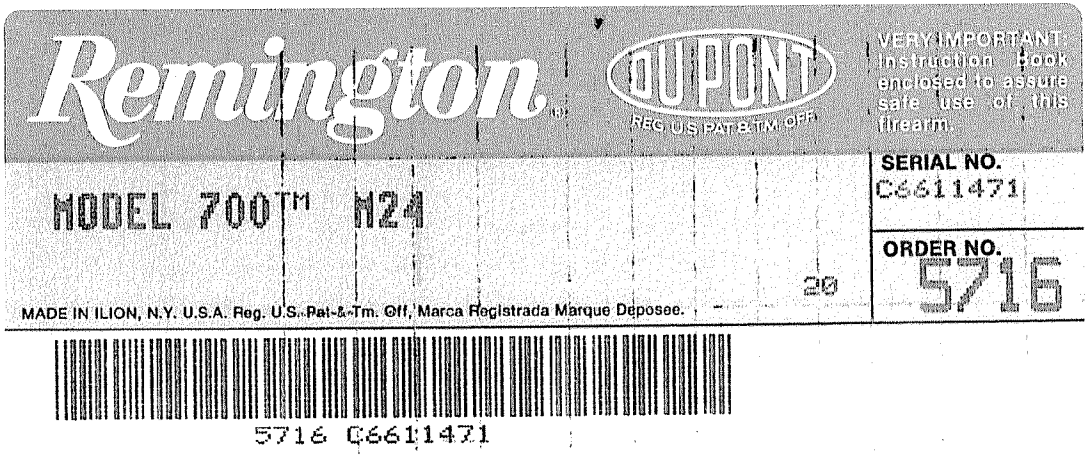
GUN SERIAL # C6611417

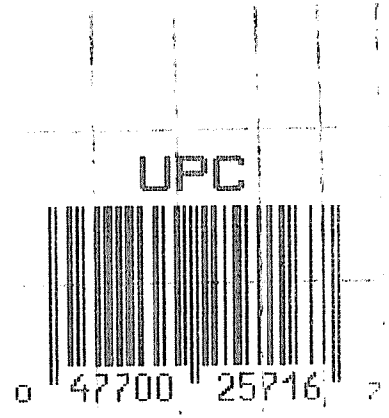
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	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			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611417

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			





CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611471

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3 25 91	RW
600	Proof		3 25 91	RW
607	Check Headspace		3 25 91	RW
610	Dis-assemble Gun		3 25 91	RW
612	Magnaflux Barrel Action		3 28 91	KR
	Magnaflux Bolt		3 28 91	KR
615	Rollmark Caliber			GS
617	Drill and Tap Sight Holes		APR 3 1991	CAS
618	Polish Barrel		APR 3 1991	CAS
620	Apply Coatings (Barrel Action)		4/11/91	DH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/91	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 1/2			5-2-91	DH
	G) Safety Off Force	3	3	3			5-2-91	DH
	H) Trigger Pull Test & Retainability						5/1/91	DH
	I) Firing Pin Indent	.021	.020	.021			5-2-91	DH
	J) Assemble Stock						5/3/91	RW
	K) Assemble Swivel Studs						5-11-91	DH
	L) Attach Front and Rear Sight Assemblies						5/3/91	RW
	M) Iron Sight Alignment						5/3/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/3/91	RW
	O) Attach Scope to Rifle						5/3/91	RW
	P) Detach & Attach Scope 20 Times						5/3/91	RW
640	Gallery Target & Test						5-3-91	DH
	A) Time						5-3-91	DH
	B) Malfunctions						5-3-91	DH
	C) Pierced Primers						5-3-91	DH
	D) Optical Clearity of Scope						5-3-91	DH
645	Inspect for Live Ammo						5-3-91	DH
655	Final Inspection A) Headspace						5-11-91	DH
	B) Trigger Pull	2.43	2.49	2.58	2.30	2.29	5/9/91	RW
	C) Function						5-11-91	DH
660	Pack						6-11-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611471
DATE 5-1-91
TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.22	2.20	2.43	MIN. SETTING,
PULL #2	2.22	2.25	2.19	2.49	NO AVG. OF 5
PULL #3	2.26	2.26	2.22	2.58	READINGS ACCEPT-
PULL #4	2.28	2.26	2.24	2.30	ABLE LESS THAN 2#
PULL #5	2.30	2.22	2.20	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.16		
PULL #2	3.20	3.16		
PULL #3	3.20	3.43		
PULL #4	3.23	3.43		
PULL #5	3.21	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.51		4.52
PULL #2	4.50	4.50		4.46
PULL #3	4.47	4.46		4.50
PULL #4	4.39	4.43		4.41
PULL #5	4.55	4.47		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611471
3 May 1991

CENTROIDAL DISTANCES

0	TO	1	.175263
1	TO	2	.301783
1	TO	3	.0234094
1	TO	4	.362035
1	TO	5	.407149

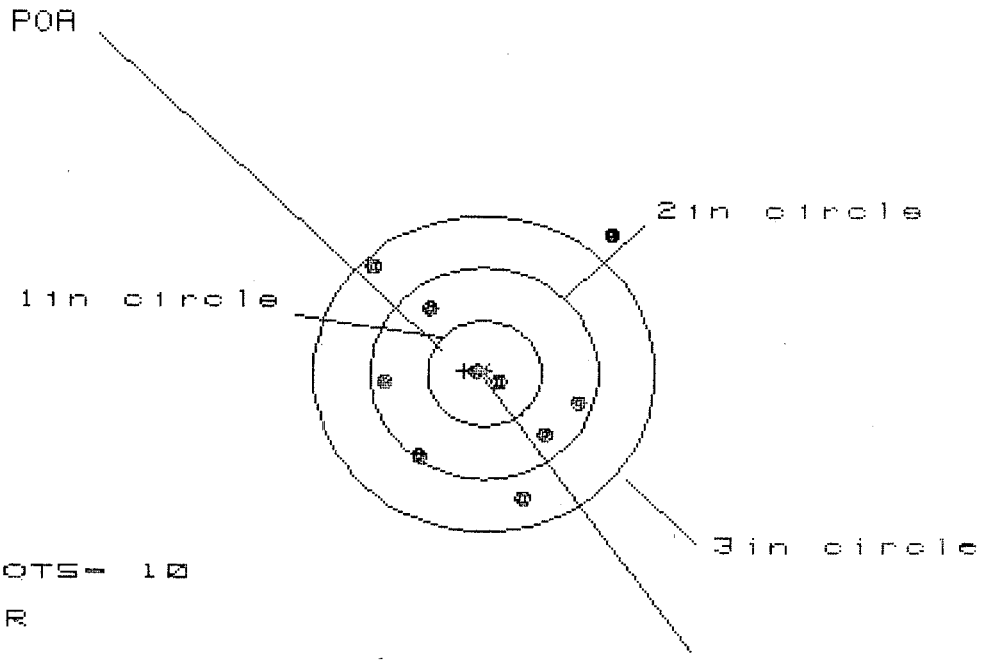
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.014
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0238
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0276129

THE AMR FOR THIS RIFLE IS: .954

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611471

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

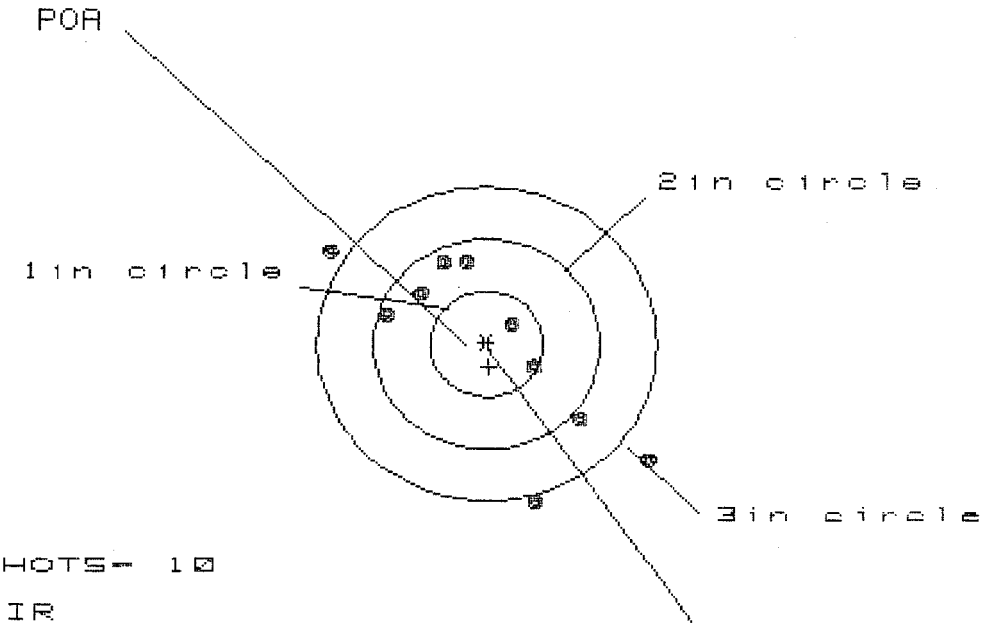
# IN CIR
1in = 2
2in = 7
3in = 9

HS= 2.013
VS= 2.440
GS= 2.615

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.078	.944	.842
MINIMUM X	:	-.935	-.815	-.884
MAXIMUM Y	:	1.274	1.122	.902
MINIMUM Y	:	-1.166	-1.025	-.885
CENTROID X	:	.174	.054	.156
CENTROID Y	:	-.021	-.162	-.302
POA TO CENTROID in.	:	.175	.171	.340
MIN RADIUS	:	.102	.201	.264
MEAN RADIUS	:	.876	.788	.708
MAX RADIUS	:	1.669	1.387	.997
HORIZONTAL SPREAD	:	2.013	1.759	1.726
VERTICAL SPREAD	:	2.440	2.147	1.787
EXTREME SPREAD	:	2.615	2.510	1.961
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11471

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.807

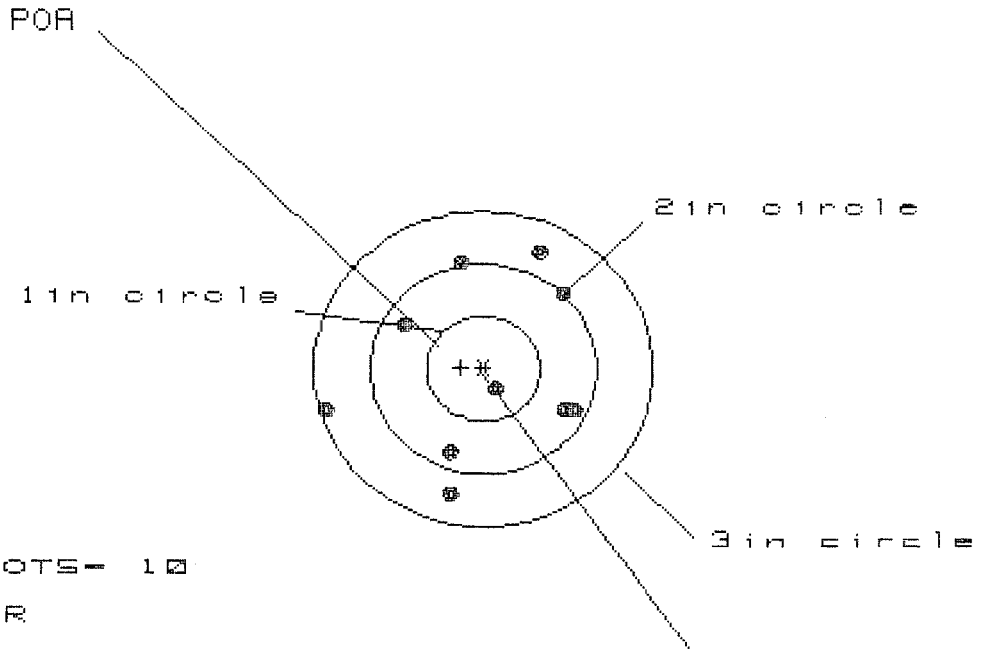
VS= 2.434

GS= 3.428

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.413	1.005	.850
MINIMUM X	:	-1.394	-1.237	-.868
MAXIMUM Y	:	.904	.785	.804
MINIMUM Y	:	-1.530	-1.649	-1.550
CENTROID X	:	-.019	-.176	-.021
CENTROID Y	:	.211	.330	.231
POA TO CENTROID in.	:	.212	.374	.232
MIN RADIUS	:	.294	.372	.282
MEAN RADIUS	:	1.030	.921	.855
MAX RADIUS	:	1.769	1.751	1.610
HORIZONTAL SPREAD	:	2.807	2.242	1.718
VERTICAL SPREAD	:	2.434	2.434	2.355
EXTREME SPREAD	:	3.428	3.043	2.459
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11471

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 10

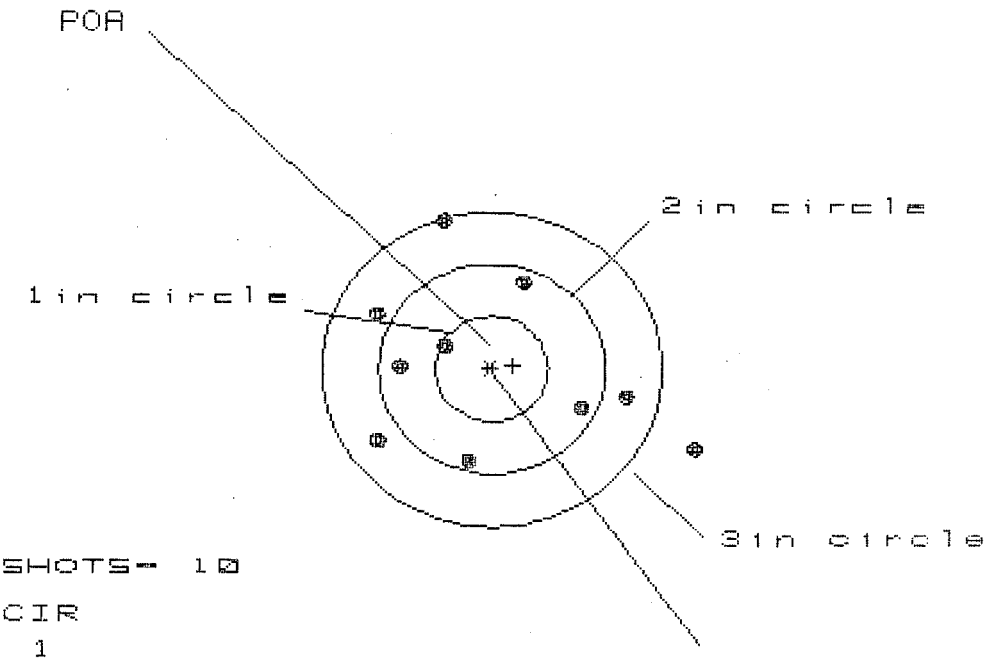
HS= 2.242
VS= 2.297
GS= 2.482

PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.829	.671	.716
MINIMUM X :	-1.413	-.833	-.788
MAXIMUM Y :	1.154	1.108	1.088
MINIMUM Y :	-1.143	-1.189	-1.050
CENTROID X :	.196	.354	.309
CENTROID Y :	-.013	.033	-.106
POA TO CENTROID in.:	.197	.355	.327
MIN RADIUS :	.221	.252	.107
MEAN RADIUS :	.957	.886	.826
MAX RADIUS :	1.473	1.285	1.140
HORIZONTAL SPREAD :	2.242	1.504	1.504
VERTICAL SPREAD :	2.297	2.297	2.138
EXTREME SPREAD :	2.482	2.446	2.157
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C661471

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

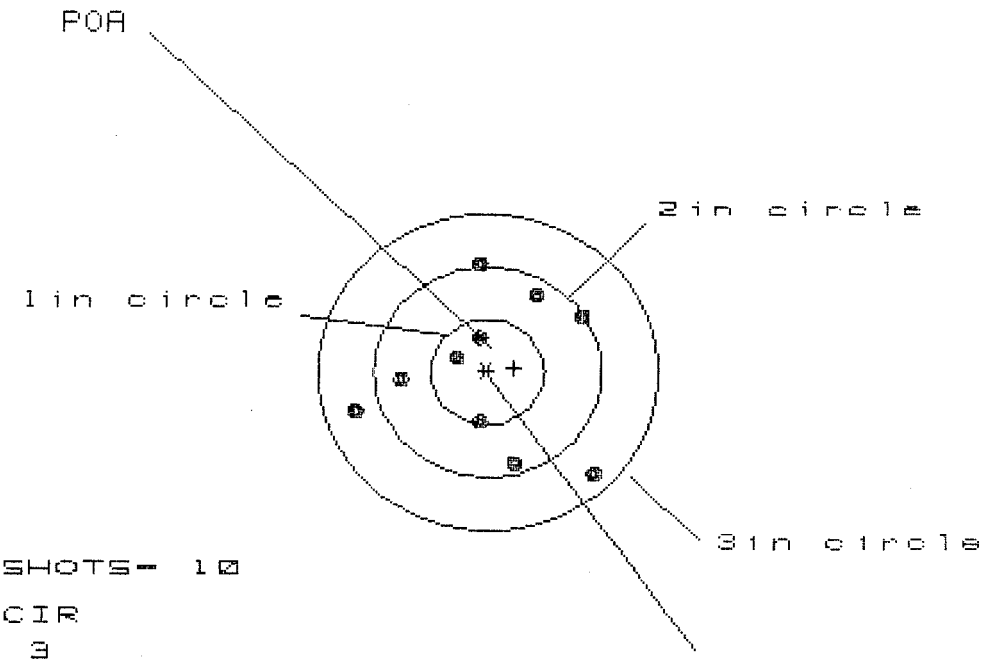
# IN CIR
1in = 1
2in = 5
3in = 9

HS= 2.787
VS= 2.316
GS= 3.133

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.745	1.341	1.310
MINIMUM X	:	-1.042	-.848	-.879
MAXIMUM Y	:	1.429	1.339	.902
MINIMUM Y	:	-.887	-.977	-.810
CENTROID X	:	-.188	-.382	-.351
CENTROID Y	:	-.026	.064	-.103
POA TO CENTROID in.	:	.190	.387	.366
MIN RADIUS	:	.469	.255	.372
MEAN RADIUS	:	1.083	.949	.898
MAX RADIUS	:	1.927	1.392	1.327
HORIZONTAL SPREAD	:	2.787	2.189	2.189
VERTICAL SPREAD	:	2.316	2.316	1.712
EXTREME SPREAD	:	3.133	2.334	2.270
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611471

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 6
3in = 10

HS= 2.130
VS= 1.953
GS= 2.265

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.918	.942	.803
MINIMUM X	:	-1.212	-1.110	-.819
MAXIMUM Y	:	1.021	.918	.853
MINIMUM Y	:	-.932	-1.003	-1.068
CENTROID X	:	-.233	-.335	-.196
CENTROID Y	:	-.032	.071	.136
POA TO CENTROID in.	:	.235	.342	.238
MIN RADIUS	:	.318	.187	.168
MEAN RADIUS	:	.824	.746	.682
MAX RADIUS	:	1.308	1.225	1.081
HORIZONTAL SPREAD	:	2.130	2.052	1.622
VERTICAL SPREAD	:	1.953	1.921	1.921
EXTREME SPREAD	:	2.265	2.265	1.943
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	