

C6587660

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

M2400024744

CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER

RECEIVING AND ESTIMATING REPORT

K 94-18833

INITIAL		CUSTOMER ORDER NO.		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT			
JJM		DAAA09-92-C-0834		ATTN FRED MARTIN <i>Scope S/N 91-0056</i>			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE		
06/14/94	06/15/94		C6587660		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

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

AL 36201-5025

AL
36201-5025

CUST NO: 098397 · C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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 & Rear Sight Assy ✓ Component Carrying Case Assy - 96069 Scope Case 96070 96071 96081							
		REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			✓	✓	✓	✓	
		GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
		RW			8/13/46	8/13/46	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400024745

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587660

DATE 8/8/96

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.24		2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.35		2.58	
PULL #3	2.27	2.38		2.63	
PULL #4	2.27	2.37		2.57	
PULL #5	2.24	2.41		2.45	
TOTAL	11.47	11.75		12.62	
AVG.	2.29	2.35		2.52	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.04		
PULL #2	3.31	3.25		
PULL #3	3.17	3.30		
PULL #4	3.30	3.19		
PULL #5	3.27	3.31		
TOTAL	16.34	16.09		
AVG.	3.27	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.00		4.27
PULL #2	4.28	4.00		4.31
PULL #3	4.36	4.20		4.43
PULL #4	4.30	4.31		4.40
PULL #5	4.38	4.34		4.35
TOTAL	21.49	20.85		21.76
AVG.	4.30	4.17		4.35

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587660

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	6	6	6	8/29/96	RW
	G) Safety Off Force	3	2.5	2.5	8/29/96	RW
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.024	.024	.024	8/29/96	RW
	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	2.69	2.84	2.79	2.88	2.89
	C) Function				8/29/96	RW
660	Pack					

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587660
8 Jan 1980

CENTROIDAL DISTANCES

0 TO	1	.0178045
1 TO	2	.350464
1 TO	3	.167027
1 TO	4	.282379
1 TO	5	.122642

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2

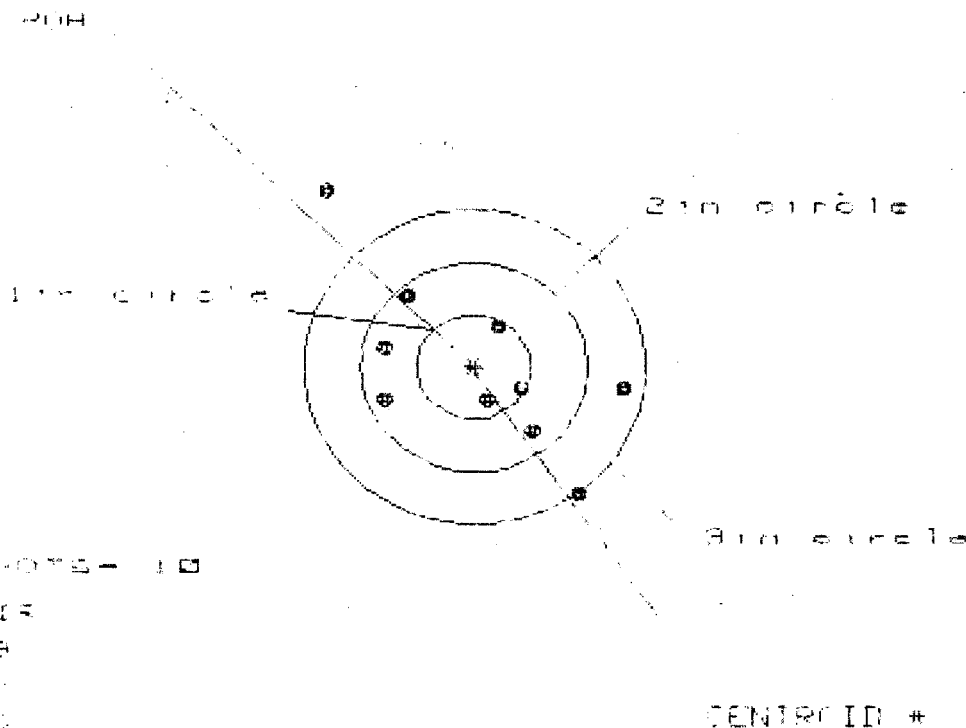
-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 5.1
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 4.077
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .12621
THE AMR FOR THIS RIFLE IS: .9942

8 JUL 1968

FILE: PATTERNING/CENTERFIRE_PATT 0650 1660

CENTERFIRE PATTERNS # 1



* SHOTS - 10

* 1st circle

* 2nd circle

* 3rd circle

* 4th circle

* 5th circle

* 6th circle

* 7th circle

CENTROID *

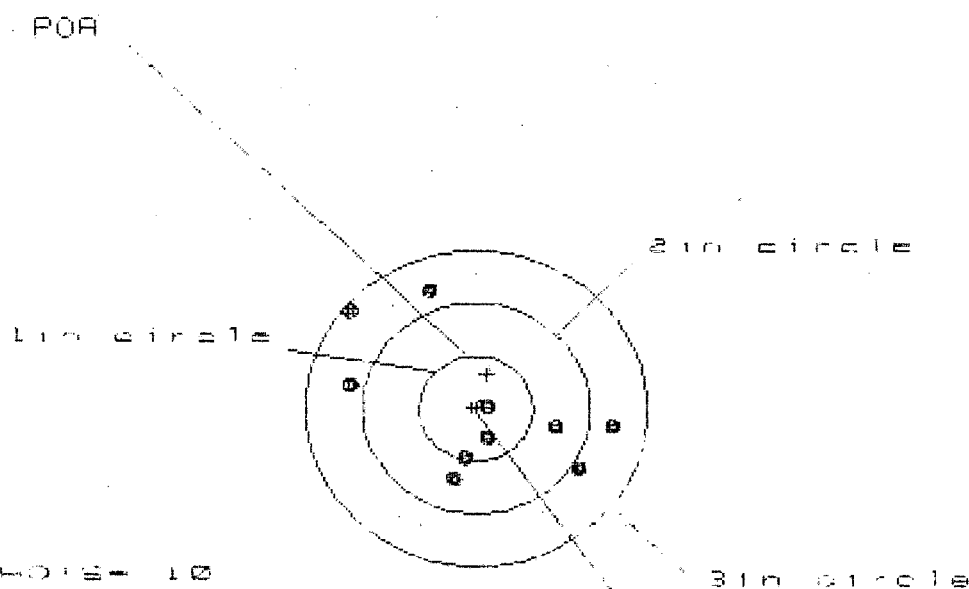
PATTERN #

SHOTS (BEST OF)	10	8	8
MAXIMUM X	1.190	1.190	1.238
MINIMUM X	-1.201	-1.201	-1.023
MAXIMUM Y	1.648	1.648	1.770
MINIMUM Y	-1.248	-1.045	-1.595
CENTROID X	-.014	.131	.007
CENTROID Y	.011	-.172	-.039
POA TO CENTROID (in.)	.018	.216	.054
MIN RADIUS	.311	.108	.247
MEAN RADIUS	.958	.789	.734
MAX RADIUS	2.102	1.299	1.251
HORIZONTAL SPREAD	2.595	2.067	2.067
VERTICAL SPREAD	2.896	1.968	1.365
EXTREME SPREAD	3.633	2.462	2.115
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

6 Jan 1988

FILE://PATTERNING/CENTERFIRE_PATT/06587660

CENTERFIRE PATTERNS # 2



* SHOTS = 10

* IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 2.329

VS = 1.805

ES = 2.585

CENTROID #

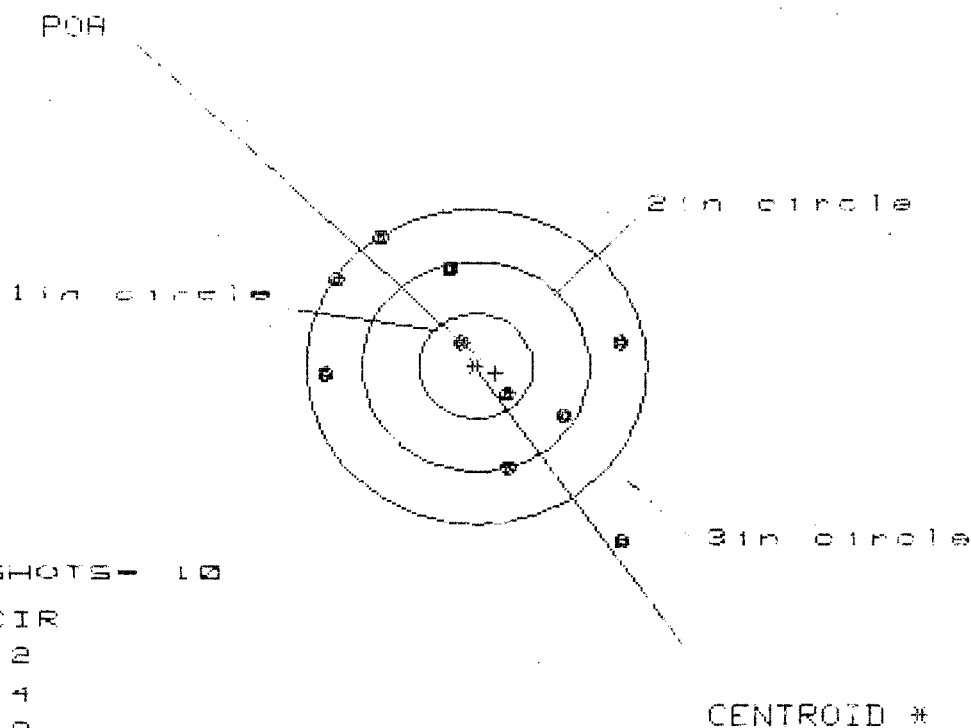
PATTERN #

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	1.032	.859
MINIMUM X	:	-1.122	-1.246	-1.111
MAXIMUM Y	:	1.096	1.198	1.186
MINIMUM Y	:	-.709	-.607	-.619
CENTROID X	:	-.099	.026	-.109
CENTROID Y	:	-.329	-.431	-.419
POA TO CENTROID in.	:	.343	.432	.433
MIN RADIUS	:	.098	.141	.161
MEAN RADIUS	:	.033	.730	.689
MAX RADIUS	:	1.451	1.321	1.258
HORIZONTAL SPREAD	:	2.329	2.328	1.970
VERTICAL SPREAD	:	1.805	1.805	1.805
EXTREME SPREAD	:	2.585	2.376	2.131
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Jan 1988

FILE: PATTERNING/CENTERFIRE_PATT.C6387660

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

AS = 2.672

SS = 2.931

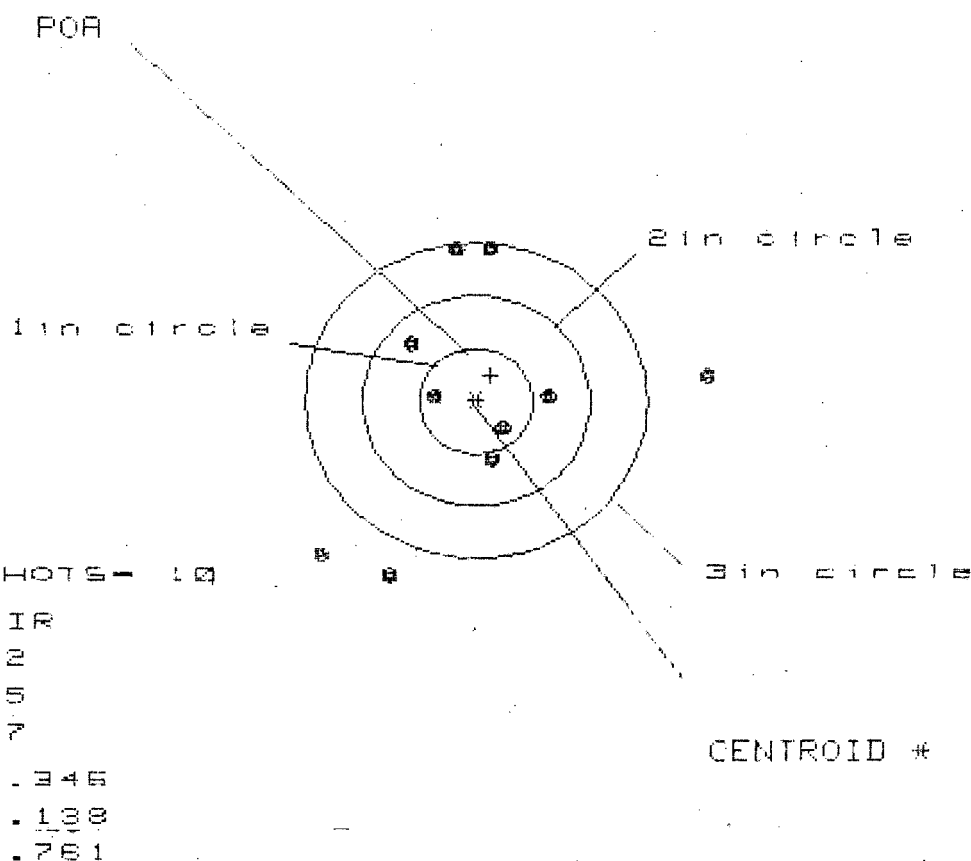
CS = 3.627

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.383	1.369	1.283
MINIMUM X	:	-1.369	-1.224	-1.310
MAXIMUM Y	:	1.268	1.083	.841
MINIMUM Y	:	-1.663	-1.175	-1.040
CENTROID X	:	-.171	-.316	-.230
CENTROID Y	:	.068	.252	.117
POA TO CENTROID in.	:	.184	.405	.258
MIN RADIUS	:	.266	.032	.191
MEAN RADIUS	:	1.119	.983	.944
MAX RADIUS	:	2.113	1.371	1.391
HORIZONTAL SPREAD	:	2.672	2.593	2.593
VERTICAL SPREAD	:	2.931	2.258	1.881
EXTREME SPREAD	:	3.627	2.608	2.608
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Jan 1988

FILE: PATTERNING/CENTERFIRE_PATT '08587660

CENTERFIRE PATTERNS # 4

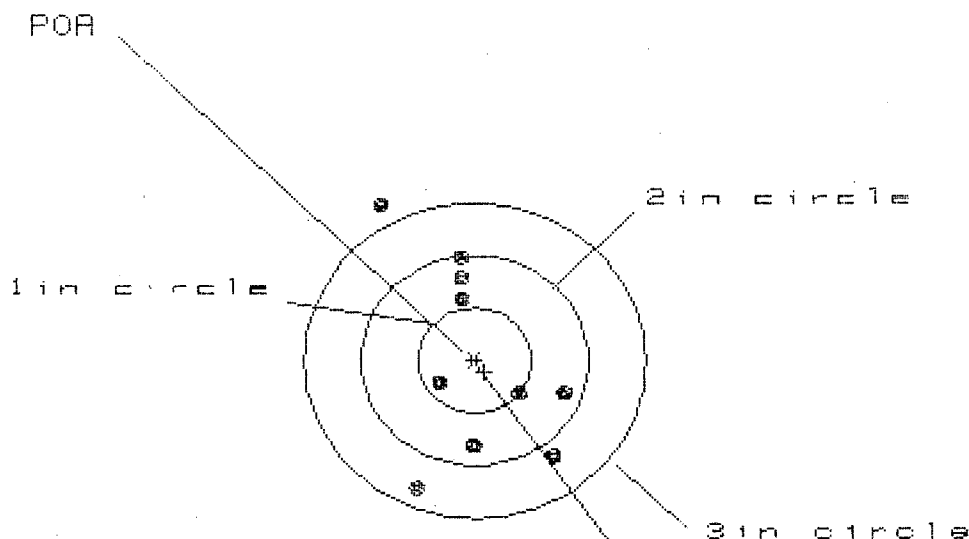


PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.996	.832	.741
MINIMUM X	:	-1.351	-1.129	-.695
MAXIMUM Y	:	1.484	1.515	1.341
MINIMUM Y	:	-1.655	-1.623	-1.797
CENTROID X	:	-.131	-.352	-.211
CENTROID Y	:	-.246	-.278	-.104
POA TO CENTROID in.	:	.279	.449	.235
MIN RADIUS	:	.324	.122	.272
MEAN RADIUS	:	1.146	1.044	.937
MAX RADIUS	:	2.016	1.796	1.927
HORIZONTAL SPREAD	:	3.346	2.011	1.436
VERTICAL SPREAD	:	3.138	3.138	3.138
EXTREME SPREAD	:	3.761	3.283	3.274
NUMBER IN ONE INCH CIRCLE	=	2	5	7
NUMBER IN TWO INCH CIRCLE	=	5	7	7
NUMBER IN THREE INCH CIRCLE	=	7	7	7

8 Jan 1968

FILE: /PATTERNING/CENTERFIRE_PATT/C6537660

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 1.638

VS = 2.664

GS = 2.825

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.628	.738	.657
MINIMUM X	-.810	-.642	-.525
MAXIMUM Y	1.445	1.146	1.014
MINIMUM Y	-1.219	-1.059	-.899
CENTROID X	-.085	.035	.085
CENTROID Y	.111	-.049	.083
POA TO CENTROID in.	.140	.050	.119
MIN RADIUS	.429	.362	.372
MEAN RADIUS	.915	.813	.755
MAX RADIUS	1.657	1.238	1.056
HORIZONTAL SPREAD	1.638	1.380	1.183
VERTICAL SPREAD	2.664	2.205	1.913
EXTREME SPREAD	2.825	2.257	2.072
NUMBER IN ONE INCH CIRCLE =	1		
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 700™ H24

SERIAL NO.

C6587660

ORDER NO.

5716

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

01



5716 C6587660

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400024755

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587660

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KJ
600	Proof		10/24/90	KJ
607	Check Headspace		10/24/90	KJ
610	Dis-assemble Gun		10/24/90	KJ
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		10/30/90	KR
615	Rollmark Caliber		11	JH
617	Drill and Tap Sight Holes		11/6/90	KB
618	Polish Barrel	KB	11/7/90	WB
620	Apply Coatings (Barrel Action)		11/26/90	JA
	Apply Coating (Bolt)		11/26/90	JA
625	Final Assembly		11/30/90	KS
	A) Clean inside of Bolt Assembly		11/30/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/30/90	KS
	C) Inspect Ejector Hole for Chamfer		11/30/90	KS
	D) Oil Firing Pin Ass'y		11/30/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/3/90	JA

625 cont.	F) Safety On Force	6	6	6	12/3/90	WB		
	G) Safety Off Force	2 3/4	2 3/4	2 3/4	12/3/90	WB		
	H) Trigger Pull Test & Retainability				12/3/90	SH		
	I) Firing Pin Indent	0225	023	023	12/3/90	WB		
	J) Assemble Stock				12/3/90	KS		
	K) Assemble Swivel Studs				12-5-90	Q28		
	L) Attach Front and Rear Sight Assemblies				12/3/90	KS		
	M) Iron Sight Alignment				12/3/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				12/3/90	KS		
	O) Attach Scope to Rifle				12/3/90	KS		
	P) Detach & Attach Scope 20 Times				12/3/90	KS		
640	Gallery Target & Test				12-4-90	DH		
	A) Time				12-4-90	DH		
	B) Malfunctions				12-4-90	DH		
	C) Pierced Primers				12-4-90	DH		
	D) Optical Clarity of Scope				12-4-90	DH		
645	Inspect for Live Ammo				12-4-90	DH		
655	Final Inspection							
	A) Headspace				12-5-90	Q28		
	B) Trigger Pull	2.40	235	232	228	220	12-5-90	Q28
	C) Function						12-5-90	Q28
660	Pack						12/12/90	NF

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

SERIAL NO. C6587660

DATE 12/3/98

TESTER JLH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.22	2.23	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.24	2.34	2.35	
PULL #3	2.25	2.21	2.25	2.32	
PULL #4	2.12	2.21	2.26	2.28	
PULL #5	2.21	2.23	2.27	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.22	3.20		
PULL #3	3.22	3.21		
PULL #4	3.23	3.18		
PULL #5	3.17	3.19		
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	4.40		4.41
PULL #2	4.40	4.42		4.42
PULL #3	4.41	4.41		4.38
PULL #4	4.41	4.42		4.42
PULL #5	4.41	4.39		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE# 06587660
4 Dec 1990

CENTROIDAL DISTANCES

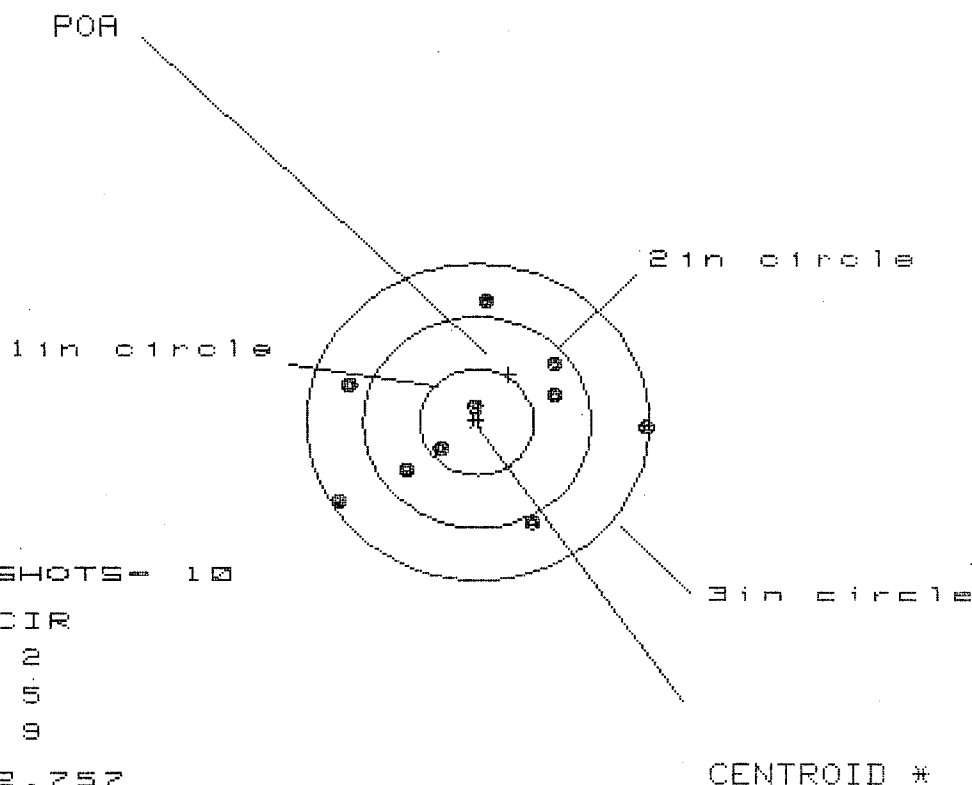
0 TO	1	.530649
1 TO	2	.696676
1 TO	3	.202074
1 TO	4	.919187
1 TO	5	.469553

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4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65876B0

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.757

VS= 2.125

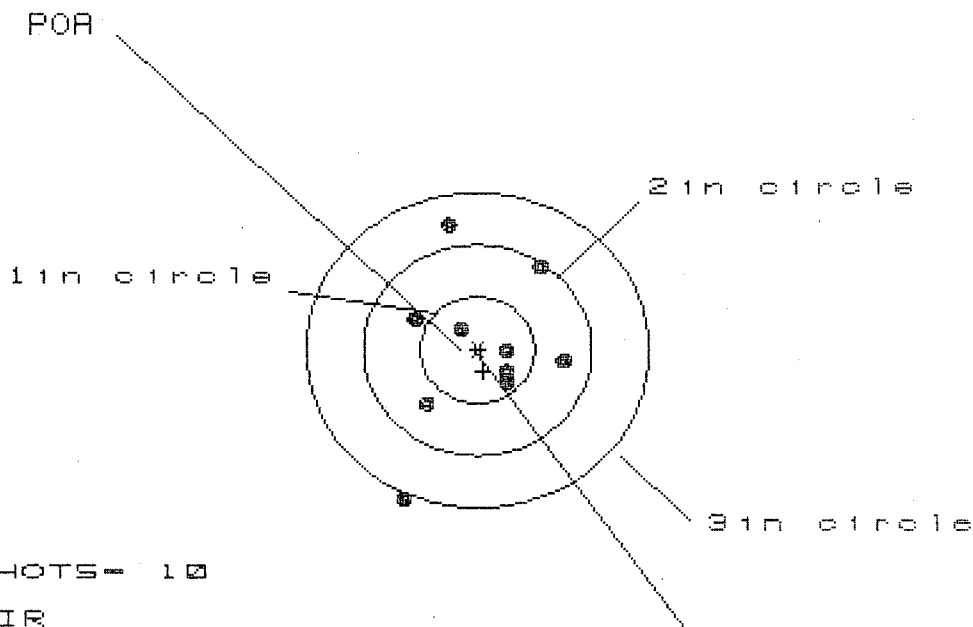
GS= 2.856

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.504	.816	.680
MINIMUM X	:	-1.252	-1.085	-1.132
MAXIMUM Y	:	1.148	1.146	1.049
MINIMUM Y	:	-.977	-.979	-1.076
CENTROID X	:	-.278	-.446	-.310
CENTROID Y	:	-.452	-.450	-.353
POA TO CENTROID in.	:	.531	.633	.470
MIN RADIUS	:	.140	.159	.042
MEAN RADIUS	:	.927	.851	.775
MAX RADIUS	:	1.505	1.331	1.194
HORIZONTAL SPREAD	:	2.757	1.901	1.812
VERTICAL SPREAD	:	2.125	2.125	2.125
EXTREME SPREAD	:	2.856	2.341	2.161
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8587660

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 9

HS = 1.367

VS = 2.596

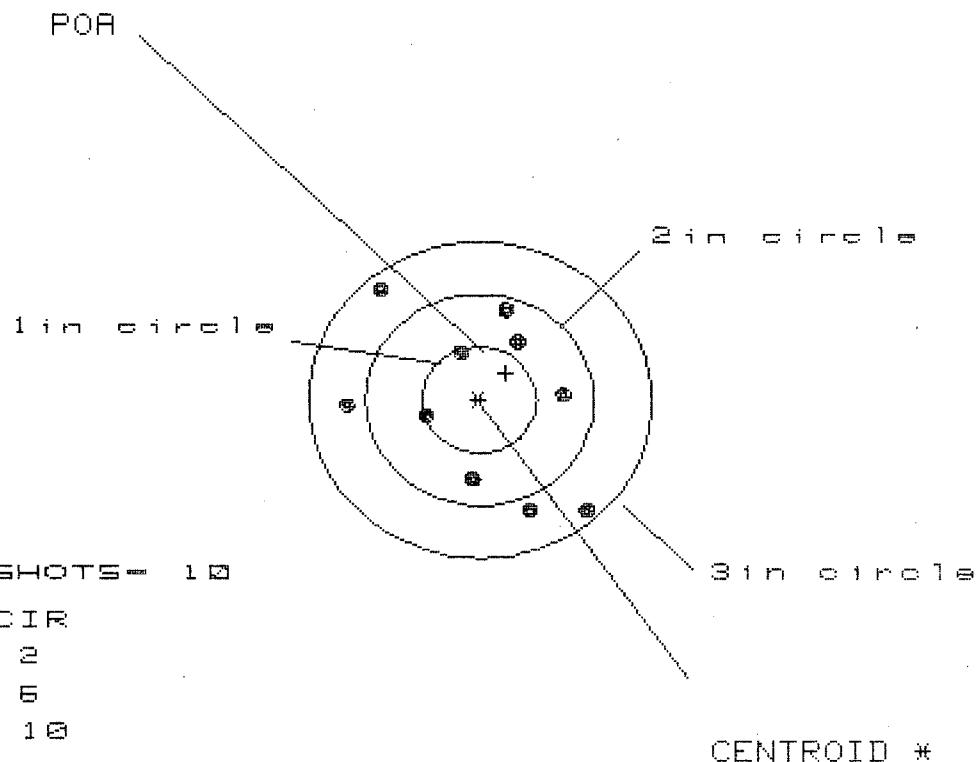
GS = 2.620

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.727	.656	.612
MINIMUM X	:	-.640	-.602	-.646
MAXIMUM Y	:	1.169	1.010	.770
MINIMUM Y	:	-1.427	-.636	-.509
CENTROID X	:	-.052	.019	.063
CENTROID Y	:	.207	.366	.239
POA TO CENTROID in.	:	.213	.366	.248
MIN RADIUS	:	.219	.194	.102
MEAN RADIUS	:	.679	.577	.483
MAX RADIUS	:	1.564	1.071	.874
HORIZONTAL SPREAD	:	1.367	1.258	1.258
VERTICAL SPREAD	:	2.596	1.646	1.279
EXTREME SPREAD	:	2.620	1.650	1.584
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6587660

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.172

VS= 2.136

GS= 2.813

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	.808	.714
MINIMUM X	:	-1.195	-1.086	-1.180
MAXIMUM Y	:	1.091	.976	.871
MINIMUM Y	:	-1.044	-1.160	-1.038
CENTROID X	:	-.233	-.342	-.248
CENTROID Y	:	-.255	-.139	-.261
POA TO CENTROID in.	:	.345	.369	.360
MIN RADIUS	:	.450	.315	.434
MEAN RADIUS	:	.902	.826	.775
MAX RADIUS	:	1.425	1.293	1.181
HORIZONTAL SPREAD	:	2.172	1.894	1.894
VERTICAL SPREAD	:	2.136	2.136	1.909
EXTREME SPREAD	:	2.813	2.514	1.938
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587660

CENTERFIRE PATTERNS

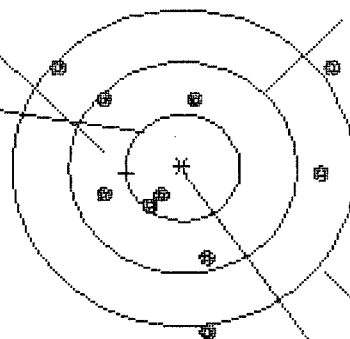
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POA

1in circle

2in circle

3in circle



CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.434

VS= 2.506

GS= 2.829

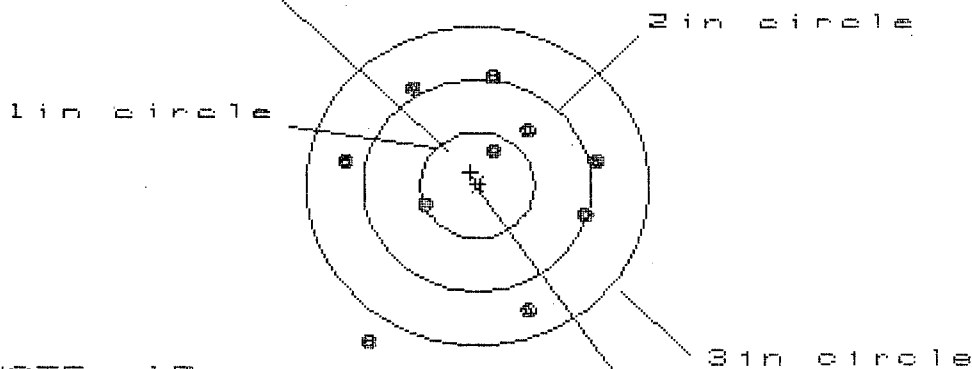
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.301	1.324	1.370
MINIMUM X	-1.133	-.988	-.942
MAXIMUM Y	.974	1.058	.880
MINIMUM Y	-1.532	-1.424	-.876
CENTROID X	.492	.347	.301
CENTROID Y	.050	-.058	.120
POA TO CENTROID in.	.494	.352	.324
MIN RADIUS	.308	.131	.285
MEAN RADIUS	.976	.860	.794
MAX RADIUS	1.625	1.471	1.377
HORIZONTAL SPREAD	2.434	2.312	2.312
VERTICAL SPREAD	2.506	2.482	1.756
EXTREME SPREAD	2.829	2.829	2.525
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/C65876B0

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.221

VS= 2.562

GS= 2.782

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	.939	.978
MINIMUM X	:	-1.180	-1.282	-1.243
MAXIMUM Y	:	1.056	.889	.720
MINIMUM Y	:	-1.506	-1.352	-.649
CENTROID X	:	.058	.160	.121
CENTROID Y	:	-.124	.044	.213
POA TO CENTROID in.	:	.136	.166	.245
MIN RADIUS	:	.355	.160	.130
MEAN RADIUS	:	.994	.864	.773
MAX RADIUS	:	1.763	1.387	1.250
HORIZONTAL SPREAD	:	2.221	2.221	2.221
VERTICAL SPREAD	:	2.562	2.241	1.369
EXTREME SPREAD	:	2.782	2.310	2.221
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	