

C6225567

MODEL 700TM N24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.






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

MODEL 700TM H24

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

SERIAL NO.
C6225567

ORDER NO.
5716



5716 C6225567

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225567

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12-22-88	pk.
	Magnaflux Bolt		1-3-89	pk.
615	Rollmark Caliber		12/25/88	MDC
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJD
620	Apply Coatings (Barrel Action)		1-16-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		13 Feb 89	Q28

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17 Feb 89	928
	G) Safety Off Force	3	3	3			17 Feb 89	928
	H) Trigger Pull Test & Retainability						13 Feb 89	928
	I) Firing Pin Indent	.021	.0205	.0205			17 Feb 89	928
	J) Assemble Stock						2/24/89	RW
	K) Assemble Swivel Studs						6 Mar 89	928
	L) Attach Front and Rear Sight Assemblies						2/24/89	RW
	M) Iron Sight Alignment						2/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/24/89	RW
	O) Attach Scope to Rifle						24 Feb 89	928
	P) Detach & Attach Scope 20 Times						24 Feb 89	928
640	Gallery Target & Test	454	1086				2/28/89	DA
	A) Time						2/28/89	DA
	B) Malfunctions						2/28/89	DA
	C) Pierced Primers						2/28/89	DA
	D) Optical Clarity of Scope						2/28/89	DA
645	Inspect for Live Ammo						2/28/89	DA
655	Final Inspection							
	A) Headspace						6 Mar 89	928
	B) Trigger Pull	2.53	2.62	2.63	2.70	2.64	6 Mar 89	928
	C) Function						6 Mar 89	928
660	Pack						23 Mar 89	928

SWS TRIGGER PULL TEST

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

SERIAL NO. 5567
DATE 4/2/90
TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.45	2.47	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.46	2.44	
PULL #3	2.49	2.42	2.37	
PULL #4	2.48	2.48	2.58	
PULL #5	2.42	2.42	2.56	
TOTAL	12.33	12.25	12.43	
AVG.	2.46	2.45	2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.07	3.16	
PULL #2	3.11	3.14	
PULL #3	3.06	3.12	
PULL #4	3.08	3.04	
PULL #5	3.15	3.05	
TOTAL	15.47	15.51	
AVG.	3.09	3.11	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.18		
PULL #2	4.04	4.16		
PULL #3	4.17	4.10		
PULL #4	4.16	4.23		
PULL #5	4.13	4.18		
TOTAL	20.66	20.80		
AVG.	4.13	4.16		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225567
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.707433
1 TO	2	.077026
1 TO	3	.159812
1 TO	4	.393224
1 TO	5	.688767

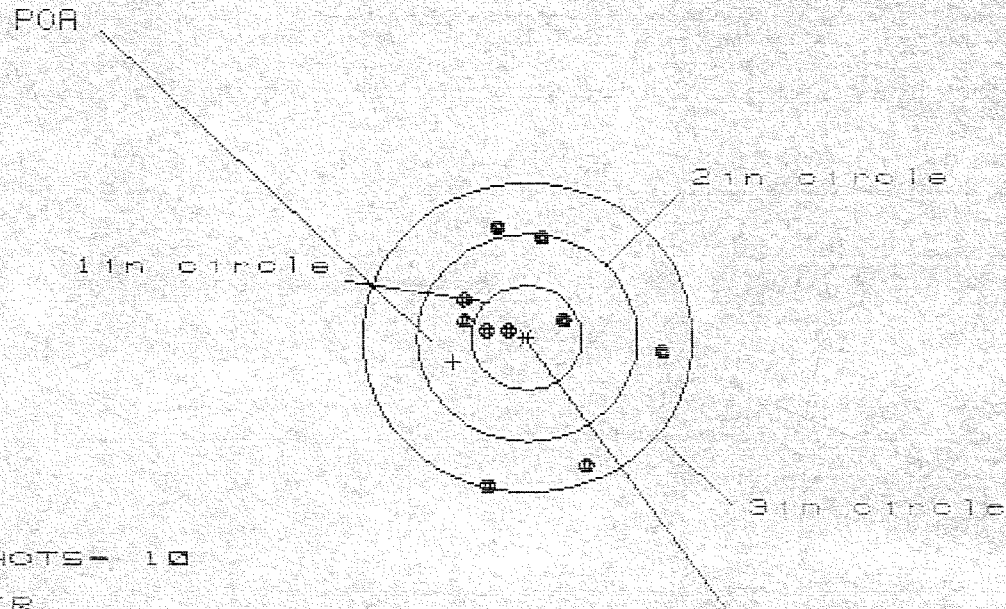
$\bar{x} = .479$
+ $\bar{y} = .3604$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .479
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3604
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .599411
THE AMR FOR THIS RIFLE IS: .7704

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225567

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.866

VS= 2.497

GS= 2.497

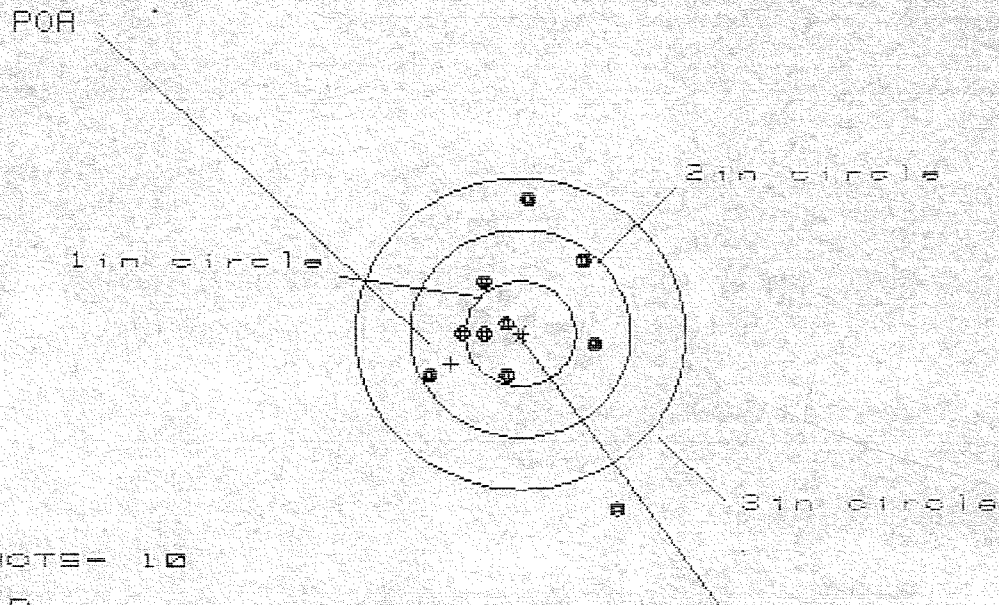
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.222	1.287
MINIMUM X	:	-.607	-.644	-.579
MAXIMUM Y	:	1.064	.904	.734
MINIMUM Y	:	-1.433	-1.367	-1.497
CENTROID X	:	.669	.706	.641
CENTROID Y	:	.230	.390	.560
POA TO CENTROID in.	:	.708	.806	.851
MIN RADIUS	:	.165	.191	.267
MEAN RADIUS	:	.833	.741	.631
MAX RADIUS	:	1.470	1.462	1.380
HORIZONTAL SPREAD	:	1.866	1.866	1.866
VERTICAL SPREAD	:	2.497	2.271	1.231
EXTREME SPREAD	:	2.497	2.434	2.001
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	10		

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C62255B7

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.706

VS= 2.943

GS= 3.055

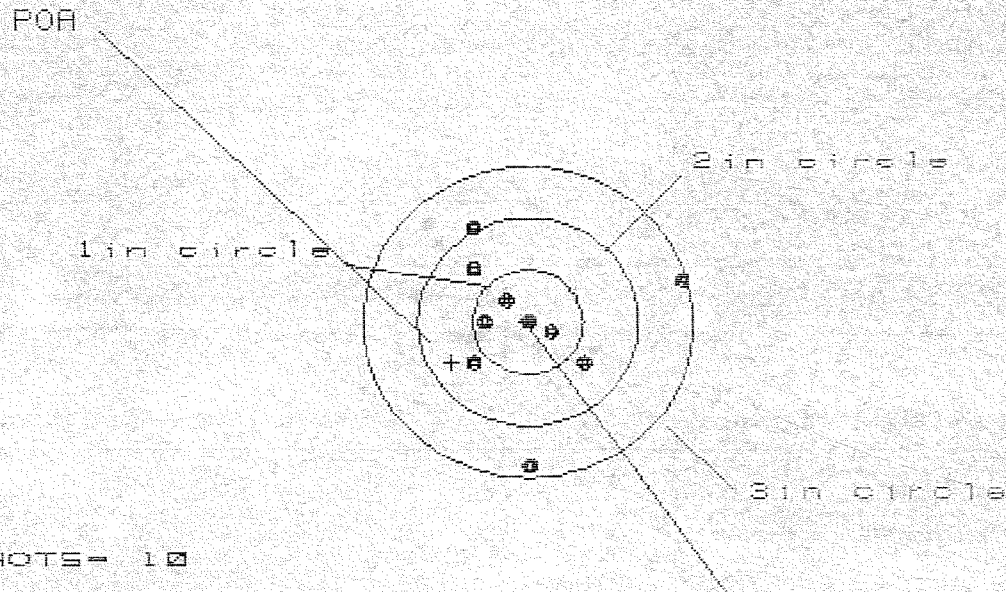
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.878	.806	.826
MINIMUM X	:	-.828	-.731	-.712
MAXIMUM Y	:	1.284	1.100	.644
MINIMUM Y	:	-1.659	-.593	-.456
CENTROID X	:	.631	.534	.514
CENTROID Y	:	.297	.481	.344
POA TO CENTROID in.	:	.698	.719	.619
MIN RADIUS	:	.183	.084	.072
MEAN RADIUS	:	.764	.604	.519
MAX RADIUS	:	1.877	1.111	.929
HORIZONTAL SPREAD	:	1.706	1.537	1.537
VERTICAL SPREAD	:	2.943	1.693	1.100
EXTREME SPREAD	:	3.055	1.910	1.766
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

26 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225567

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 1.898

VS= 2.273

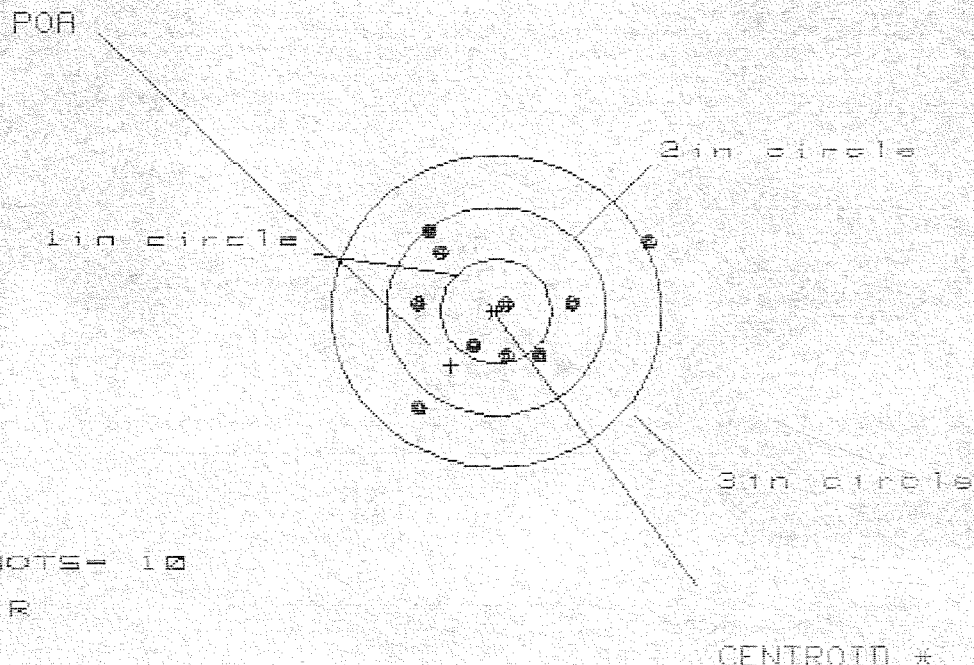
GS= 2.332

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.363	.653	.671
MINIMUM X	:	-.535	-.384	-.366
MAXIMUM Y	:	.916	.965	.801
MINIMUM Y	:	-1.357	-1.308	-.490
CENTROID X	:	.693	.542	.524
CENTROID Y	:	.388	.339	.503
POA TO CENTROID in.	:	.794	.639	.726
MIN RADIUS	:	.035	.194	.112
MEAN RADIUS	:	.672	.585	.473
MAX RADIUS	:	1.433	1.315	.881
HORIZONTAL SPREAD	:	1.898	1.037	1.037
VERTICAL SPREAD	:	2.273	2.273	1.291
EXTREME SPREAD	:	2.332	2.332	1.656
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225567

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.139

VS= 1.741

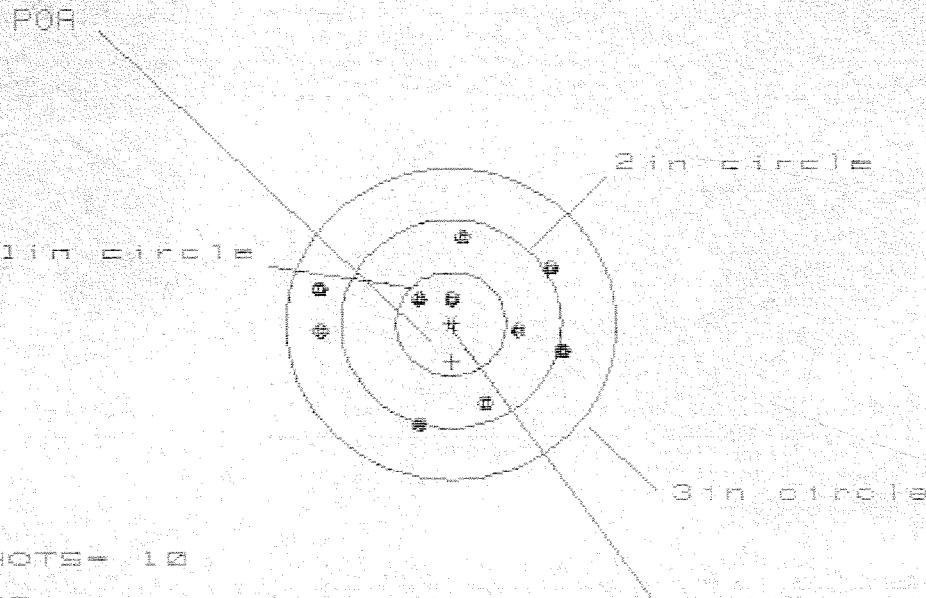
GS= 2.653

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.434	.801	.733
MINIMUM X	:	-.705	-.546	-.584
MAXIMUM Y	:	.816	.888	.781
MINIMUM Y	:	-.925	-.853	-.467
CENTROID X	:	.409	.250	.318
CENTROID Y	:	.525	.453	.560
POA TO CENTROID in.	:	.666	.518	.644
MIN RADIUS	:	.079	.253	.163
MEAN RADIUS	:	.736	.639	.587
MAX RADIUS	:	1.572	1.013	.958
HORIZONTAL SPREAD	:	2.139	1.347	1.317
VERTICAL SPREAD	:	1.741	1.741	1.248
EXTREME SPREAD	:	2.653	1.742	1.621
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225567

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.254

VS = 1.781

GS = 2.275

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.029	.893	.729
MINIMUM X	-1.225	-1.312	-.621
MAXIMUM Y	.790	.786	.824
MINIMUM Y	-.991	-.995	-.957
CENTROID X	-.007	.130	.294
CENTROID Y	.362	.366	.328
POA TO CENTROID in.	.362	.389	.440
MIN RADIUS	.260	.281	.344
MEAN RADIUS	.847	.793	.712
MAX RADIUS	1.225	1.346	1.141
HORIZONTAL SPREAD	2.254	2.205	1.350
VERTICAL SPREAD	1.781	1.781	1.781
EXTREME SPREAD	2.275	2.275	1.968
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 97-21192

INITIAL CUSTOMER ORDER NO.

JJM 012703

W/LEUPOLD 10X SCOPE

M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

12/04/97

12/05/97

BJ 1-89

C6225567

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

W/STUDS

Scope # 88-0531

FROM:

SHIP TO:

DEPT OF THE ARMY
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG

NC 28307

DEPT OF THE ARMY
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC
28307

CUST NO: 143691 ILION L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400051669

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

- ☐ Clark Street Entrance
☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE **Nº 012703**DATE 12/4/97

CUSTOMER NAME:

HSC 217th SFG (A)

ADDRESS:

FT BRAGG NC

ZIP:

28307

PHONE:

910 432-2265

FIREARM

MODEL: M24CHECK FOR AMMUNITION ☒GAUGE: 7.62SERIAL # C6225667

CONDITION:

~~WOOD~~ ~~GOOD~~ ~~FAIR~~ ~~POOR~~ ~~FANCY~~ ~~PLAIN~~ N/A~~METAL~~ GOOD ~~FAIR~~ ~~POOR~~ ~~FANCY~~ ~~PLAIN~~~~BARREL~~ ~~VT. RIB~~ ~~PLAIN~~ ~~DEER RSS~~

ACCESSORIES:

SCOPE: YES ~~NO~~ (BRAND NAME/POWER) LeopoldSLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

See AttachedSIGNATURE: [Signature]
(Person delivering firearm to Plant)DATE: 4 DEC 97SIGNATURE: [Signature]
(Security Officer)DATE: 12/4/97SIGNATURE: [Signature]
(Firearm picked up by)DATE: 12/4/97

Arm Service Copy

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225567
6 Jan 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0604
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2476
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .254861

THE AMR FOR THIS RIFLE IS: .9424

CENTROIDAL DISTANCES

Ø TO	1	.12256
1 TO	2	.34478
1 TO	3	.338492
1 TO	4	.174794
1 TO	5	.332054

5
1⁴
+ 2 <----POA

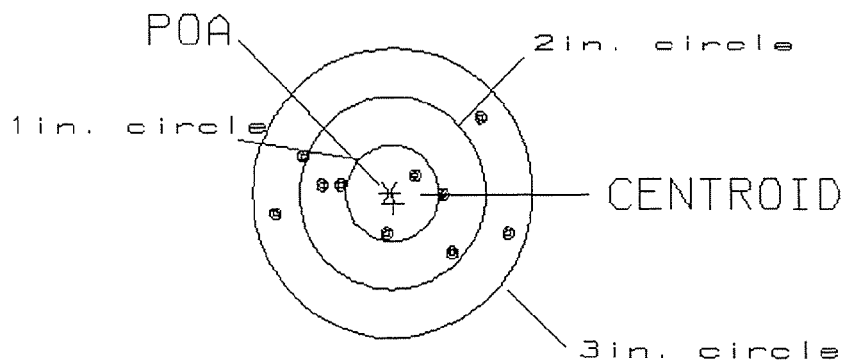
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .122
 MIN RADIUS : .319
 MEAN RADIUS : .840
 MAX RADIUS : 1.347
 CENTROID X : -.045
 CENTROID Y : .114

6 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225567.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.56

2

VS= 1.43

6

GS= 2.57

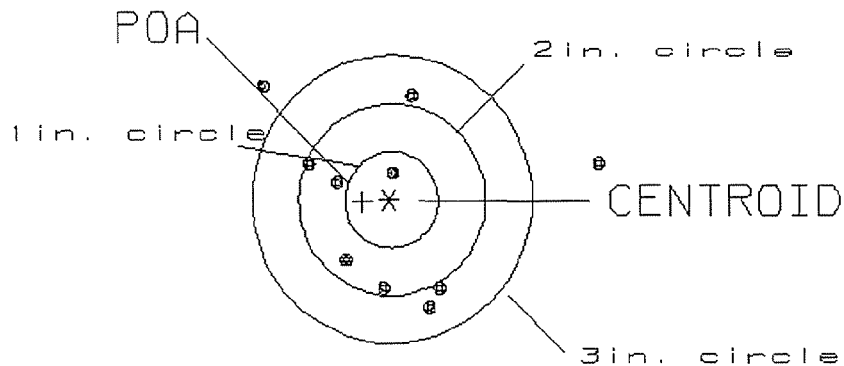
10

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .288
 MIN RADIUS : .241
 MEAN RADIUS : 1.082
 MAX RADIUS : 2.237
 CENTROID X : .287
 CENTROID Y : .021

6 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225567.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.60

1

VS= 2.27

5

GS= 3.69

8

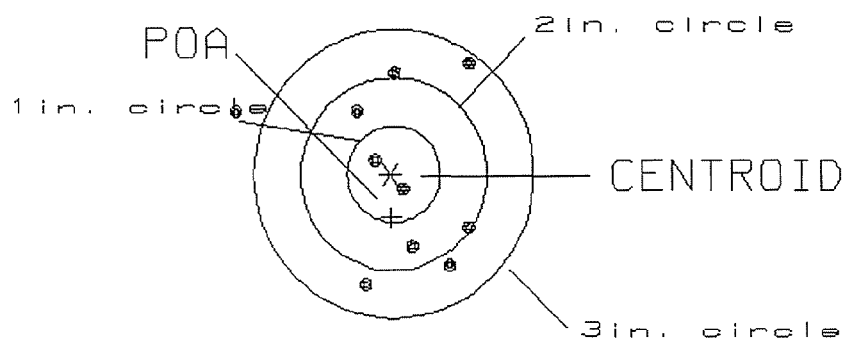
PATTERN #: 3

POA TO CENTROID: .450
 MIN RADIUS : .195
 MEAN RADIUS : .966
 MAX RADIUS : 1.859
 CENTROID X : -.004
 CENTROID Y : .450

6 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225567.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.57
 VS= 2.33
 GS= 2.85

2
 5
 9

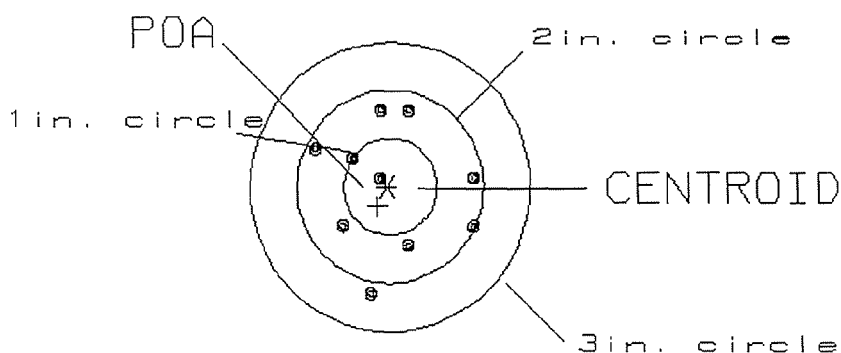
PATTERN #: 4

POA TO CENTROID: .232
 MIN RADIUS : .080
 MEAN RADIUS : .737
 MAX RADIUS : 1.115
 CENTROID X : .103
 CENTROID Y : .207

6 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225567.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.71
 VS= 1.92
 GS= 1.97

2
 9
 10

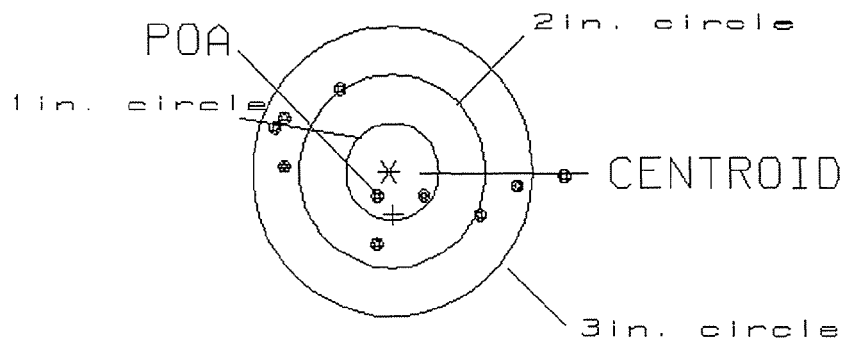
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .448
 MIN RADIUS : .304
 MEAN RADIUS : 1.057
 MAX RADIUS : 1.825
 CENTROID X : -.039
 CENTROID Y : .446

6 Jan 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225567.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.07
 VS= 1.59
 GS= 3.12

2
 4
 9

Final Inspection

Sn: C6225567

DATE REC'D: 12/4/97

DATE RET'D:

Auditor:

RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ Looseness☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: _____

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225567

LOG IN DATE: 12/4/97		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12/2/97	Ru
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	1/8/98	A
655	FINAL INSPECT	1/12/98	Ru
660	PACK		

QAR INSPECTION

SHIP DATE