

CS348726

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348726
18 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.26091
1 TO	2	.40961
1 TO	3	.810365
1 TO	4	.314479
1 TO	5	.782367

$\bar{x} = \frac{1}{n} \sum x_i$ ----- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3724
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2858
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .469429
THE AMP FOR THIS RIFLE IS: .9126

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348726

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 1.459

VS = 2.331

GS = 2.401

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.537	.503	.383
MINIMUM X	:	-.922	-.956	-.543
MAXIMUM Y	:	1.520	.743	.665
MINIMUM Y	:	-.810	-.642	-.720
CENTROID X	:	-.045	-.011	.109
CENTROID Y	:	-.257	-.425	-.347
POA TO CENTROID in.	:	.260	.426	.363
MIN RADIUS	:	.328	.322	.377
MEAN RADIUS	:	.729	.623	.544
MAX RADIUS	:	1.551	1.146	.733
HORIZONTAL SPREAD	:	1.459	1.459	.926
VERTICAL SPREAD	:	2.331	1.385	1.385
EXTREME SPREAD	:	2.401	1.921	1.442
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348726

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 1.653

VS = 3.168

GS = 3.182

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.757	.809	.666
MINIMUM X	:	-.896	-.844	-.743
MAXIMUM Y	:	1.746	1.463	1.310
MINIMUM Y	:	-1.422	-1.228	-1.260
CENTROID X	:	.349	.297	.196
CENTROID Y	:	-.369	-.563	-.410
POA TO CENTROID in.	:	.508	.637	.454
MIN RADIUS	:	.352	.270	.374
MEAN RADIUS	:	1.038	.941	.868
MAX RADIUS	:	1.807	1.689	1.586
HORIZONTAL SPREAD	:	1.653	1.653	1.409
VERTICAL SPREAD	:	3.168	2.691	2.570
EXTREME SPREAD	:	3.182	3.158	2.647
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

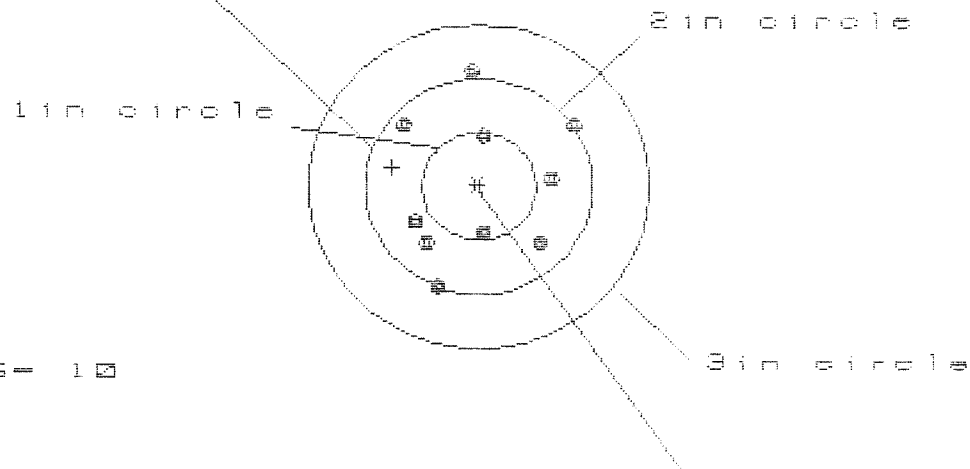
18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348726

CENTERFIRE PATTERNS

3

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS = 1.481

VS = 2.087

GS = 2.099

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.792	.782	.741
MINIMUM X	:	-.689	-.699	-.740
MAXIMUM Y	:	1.121	.696	.591
MINIMUM Y	:	-.966	-.841	-.515
CENTROID X	:	.761	.771	.812
CENTROID Y	:	-.173	-.298	-.193
POA TO CENTROID in.	:	.781	.827	.835
MIN RADIUS	:	.441	.317	.417
MEAN RADIUS	:	.765	.708	.686
MAX RADIUS	:	1.125	1.032	.947
HORIZONTAL SPREAD	:	1.481	1.481	1.481
VERTICAL SPREAD	:	2.087	1.537	1.106
EXTREME SPREAD	:	2.099	1.877	1.647
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348728

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

2 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 2.371

VS = 3.491

GS = 3.493

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	1.012	1.094
MINIMUM X	:	-1.361	-1.249	-1.122
MAXIMUM Y	:	1.741	1.546	1.063
MINIMUM Y	:	-1.750	-1.403	-1.209
CENTROID X	:	.079	-.033	-.160
CENTROID Y	:	-.546	-.351	-.545
POA TO CENTROID in.	:	.551	.353	.567
MIN RADIUS	:	.057	.210	.277
MEAN RADIUS	:	1.254	1.162	1.073
MAX RADIUS	:	2.021	1.848	1.525
HORIZONTAL SPREAD	:	2.371	2.261	2.216
VERTICAL SPREAD	:	3.491	2.949	2.272
EXTREME SPREAD	:	3.493	3.346	2.840
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B726

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS= 3.231

VS= 1.404

GS= 3.231

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.012	.553
MINIMUM X	:	-1.997	-.672	-.545
MAXIMUM Y	:	.683	.753	.681
MINIMUM Y	:	-.721	-.651	-.557
CENTROID X	:	.718	.940	.814
CENTROID Y	:	-.084	-.154	-.248
POA TO CENTROID in.	:	.723	.953	.851
MIN RADIUS	:	.259	.248	.175
MEAN RADIUS	:	.777	.610	.498
MAX RADIUS	:	2.095	1.261	.878
HORIZONTAL SPREAD	:	3.231	1.684	1.099
VERTICAL SPREAD	:	1.404	1.404	1.238
EXTREME SPREAD	:	3.231	1.989	1.438
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

GUN SERIAL # C6348726

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 89	RW
600	Proof		9 26 89	RW
607	Check Headspace		9 26 89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		9/29/89	KCR
	Magnaflux Bolt		9/29/89	KCR
615	Rollmark Caliber		9/29/89	LS
7	Drill and Tap Sight Holes		9 29 89	LB
618	Polish Barrel RB		9 29 89	BT
620	Apply Coatings (Barrel Action)		11-89	TH
	Apply Coating (Bolt)		10	TH
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/2/89	RW
	C) Inspect Ejector Hole for Chamfer		10/2/89	RW
	D) Oil Firing Pin Ass'y		10/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		17 Oct 89	918

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/17/89	JD
	G) Safety Off Force	4	4	4			10/17/89	JD
	H) Trigger Pull Test & Retainability						17 Oct 89	JD
	I) Firing Pin Indent	.0205	.021	.0205			10/17/89	JD
	J) Assemble Stock						10/18/89	RW
	K) Assemble Swivel Studs						19 Oct 89	JD
	L) Attach Front and Rear Sight Assemblies						12/4/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						18 Oct 89	JD
	P) Detach & Attach Scope 20 Times						18 Oct 89	JD
640	Gallery Target & Test						10-18-89	DH
	A) Time						10-18-89	DH
	B) Malfunctions						10-18-89	DH
	C) Pierced Primers						10-18-89	DH
	D) Optical Clarity of Scope						10-18-89	DH
645	Inspect for Live Ammo						10-18-89	DH
655	Final Inspection						19 Oct 89	JD
	A) Headspace						19 Oct 89	JD
	B) Trigger Pull	2.13	2.17	2.20	2.20	2.20	19 Oct 89	JD
	C) Function						19 Oct 89	JD
660	Pack						18 Dec 89	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6348726DATE 12 MAR 90TESTER QSS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.51		2.80	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.48		2.73	
PULL #3	2.59	2.44		2.61	
PULL #4	2.70	2.54		2.63	
PULL #5	2.64	2.52		2.53	
TOTAL	13.16	12.49			
AVG.	2.632	2.498			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.05		
PULL #2	2.97	3.07		
PULL #3	3.00	3.08		
PULL #4	2.93	3.00		
PULL #5	3.04	3.02		
TOTAL	15.00	15.22		
AVG.	3.00	3.044		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.15		
PULL #2	4.24	4.13		
PULL #3	4.19	4.10		
PULL #4	4.21	4.08		
PULL #5	4.14	4.14		
TOTAL	20.93	20.60		
AVG.	4.186	4.12		

Remington[®]


REG U.S. PAT. & TM. OFF.

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

MODEL 700 TM M24	SERIAL NO. C6348726
	ORDER NO. 5716

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

01


5716 C6348726

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

89-0613

GUN SERIAL #

C 634 8726

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		APR 23 1991	RW
600	Proof		APR 23 1991	RW
607	Check Headspace		APR 23 1991	RW
610	Dis-assemble Gun		APR 23 1991	RW
612	Magnaflux Barrel Action		APR 24 1991	KCR
	Magnaflux Bolt		APR 24 1991	KCR
615	Rollmark Caliber		APR 24 1991	CS
617	Drill and Tap Sight Holes		APR 25 1991	LB
618	Polish Barrel		APR 25 1991	WB
620	Apply Coatings (Barrel Action)		APR 26 1991	TJA
	Apply Coating (Bolt)		APR 26 1991	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		5/7/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/7/91	RW
	C) Inspect Ejector Hole for Chamfer		5/7/91	RW
	D) Oil Firing Pin Ass'y		5/7/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-10-91	AC
	G) Safety Off Force	3	3	3			5-10-91	AC
	H) Trigger Pull Test & Retainability						5-10-91	DH
	I) Firing Pin Indent	.20	.20	.20			5-10-91	AC
	J) Assemble Stock						5/11/91	RW
	K) Assemble Swivel Studs						5/11/91	RW
	L) Attach Front and Rear Sight Assemblies						5/11/91	RW
	M) Iron Sight Alignment						5/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/11/91	RW
	O) Attach Scope to Rifle						5/11/91	RW
	P) Detach & Attach Scope 20 Times						5/11/92	RW
640	Gallery Target & Test						5-11-91	AC
	A) Time						5-11-91	AC
	B) Malfunctions						5-11-91	AC
	C) Pierced Primers						5-11-91	AC
	D) Optical Clarity of Scope						5-11-91	AC
645	Inspect for Live Ammo						5-11-91	AC
655	Final Inspection							
	A) Headspace						5/13/91	RW
	B) Trigger Pull	2.37	2.39	2.40	2.44	2.43	5/13/91	JL
	C) Function						5/13/91	RW
660	Pack						5/18/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CG348726DATE 5-10-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.40	2.66	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.73	2.54	2.57	2.39	
PULL #3	2.49	2.14	2.62	2.40	
PULL #4	2.65	2.42	2.54	2.44	
PULL #5	2.70	2.45	2.59	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.37		
PULL #2	3.19	3.36		
PULL #3	3.35	3.36		
PULL #4	3.39	3.17		
PULL #5	3.33	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.48		4.31
PULL #2	4.35	4.45		4.39
PULL #3	4.45	4.37		4.41
PULL #4	4.47	4.40		4.31
PULL #5	4.47	4.43		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348726
11 May 1991.

CENTROIDAL DISTANCES

0 TO	1	.0470106
1 TO	2	.260448
1 TO	3	.258544
1 TO	4	.183853
1 TO	5	.276622

✱ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0664
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .194
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .205049
THE AMR FOR THIS RIFLE IS: .962

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C634B726

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR.

1 in - 1

2 in - 6

3 in - 9

HS - 2.128

VS - 2.897

GS - 2.898

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.193	1.177	1.168
MINIMUM X	:	-.935	-.951	-.960
MAXIMUM Y	:	1.403	1.237	.871
MINIMUM Y	:	-1.494	-.858	-.704
CENTROID X	:	.019	.035	.044
CENTROID Y	:	.043	.209	.055
POA TO CENTROID in.	:	.047	.212	.070
MIN RADIUS	:	.396	.253	.374
MEAN RADIUS	:	.893	.807	.752
MAX RADIUS	:	1.502	1.239	1.187
HORIZONTAL SPREAD	:	2.128	2.128	2.128
VERTICAL SPREAD	:	2.897	2.095	1.575
EXTREME SPREAD	:	2.898	2.135	2.135
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6348726

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in = 10

HS- 2.419

VS= 1.464

GS= 2.425

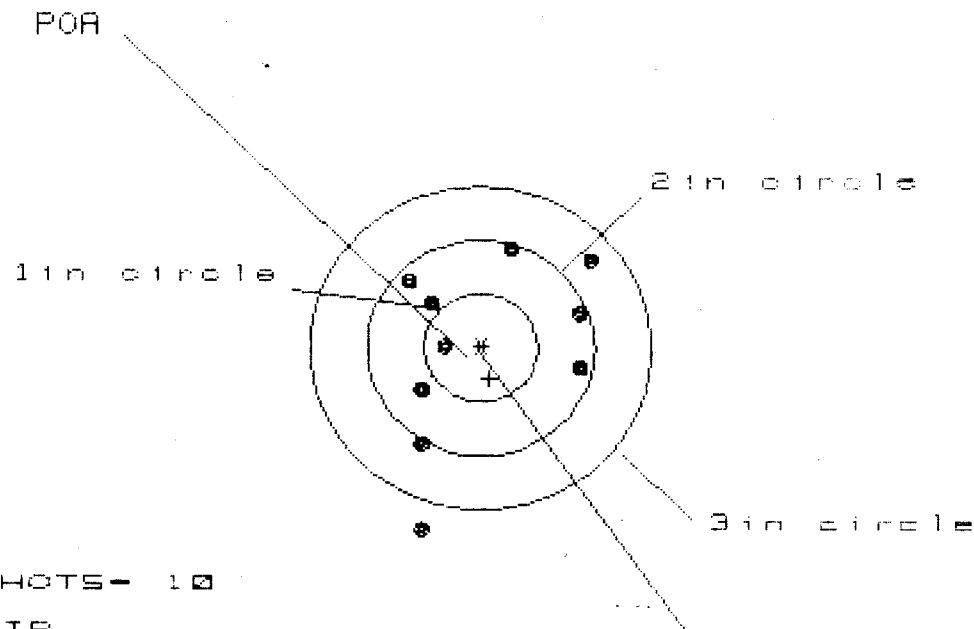
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.088	.940	.675
MINIMUM X	:	-1.331	-.880	-.762
MAXIMUM Y	:	.738	.718	.714
MINIMUM Y	:	-.726	-.746	-.750
CENTROID X	:	.256	.404	.286
CENTROID Y	:	.151	.171	.175
POA TO CENTROID in.	:	.297	.438	.335
MIN RADIUS	:	.196	.270	.225
MEAN RADIUS	:	.721	.640	.597
MAX RADIUS	:	1.343	.963	.886
HORIZONTAL SPREAD	:	2.419	1.820	1.437
VERTICAL SPREAD	:	1.464	1.464	1.464
EXTREME SPREAD	:	2.425	1.823	1.577
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06346726

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 1.623

VS= 2.578

GS= 2.854

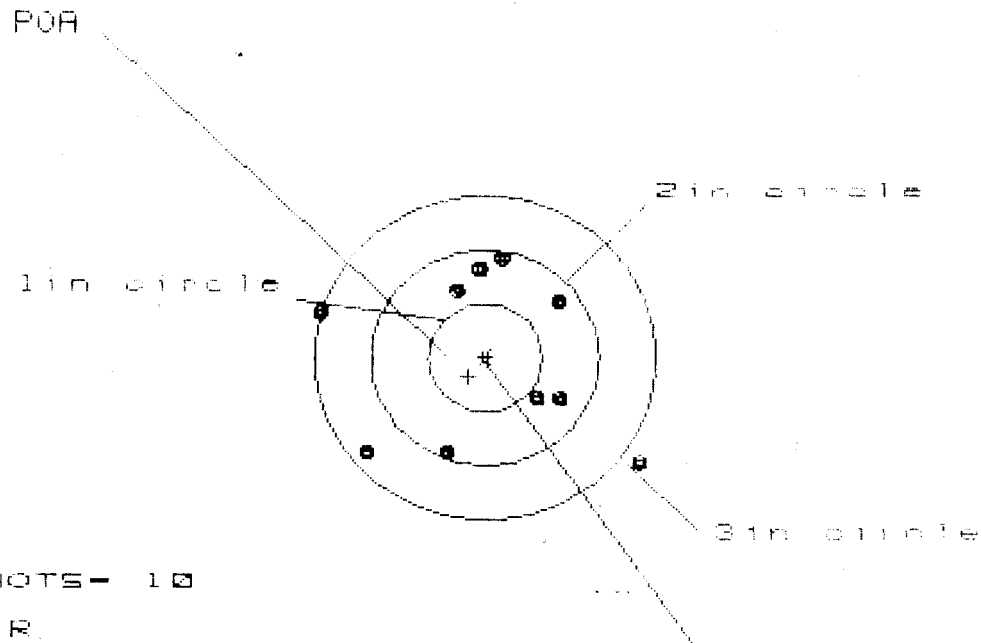
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.962	.908	.943
MINIMUM X	-.661	-.715	-.602
MAXIMUM Y	.921	.737	.814
MINIMUM Y	-1.657	-1.024	-.947
CENTROID X	-.072	-.018	-.131
CENTROID Y	.285	.469	.392
POA TO CENTROID in.	.294	.470	.414
MIN RADIUS	.286	.383	.247
MEAN RADIUS	.918	.814	.756
MAX RADIUS	1.728	1.168	1.048
HORIZONTAL SPREAD	1.623	1.623	1.545
VERTICAL SPREAD	2.578	1.761	1.761
EXTREME SPREAD	2.854	2.202	1.916
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08346706

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR.

1in - 0

2in - 7

3in - 8

HS - 2.779

VS - 1.887

GS - 3.078

CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	.791	.628
MINIMUM X	:	-1.452	-1.305	-1.079
MAXIMUM Y	:	.944	.839	.873
MINIMUM Y	:	-.943	-.946	-.912
CENTROID X	:	.148	.001	.164
CENTROID Y	:	.174	.279	.245
POA TO CENTROID IN.	:	.229	.279	.295
MIN RADIUS	:	.559	.556	.597
MEAN RADIUS	:	1.002	.928	.853
MAX RADIUS	:	1.628	1.334	1.413
HORIZONTAL SPREAD	:	2.779	2.096	1.707
VERTICAL SPREAD	:	1.887	1.785	1.795
EXTREME SPREAD	:	3.078	2.226	2.180
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06348726

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 0

2 in - 2

3 in - 7

HS - 2.525

VS - 3.488

GS - 3.689

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.457
MINIMUM X	-1.068
MAXIMUM Y	2.093
MINIMUM Y	-1.395
CENTROID X	-0.019
CENTROID Y	.317
POB TO CENTROID in.	.317
MIN RADIUS	.709
MEAN RADIUS	1.276
MAX RADIUS	2.102
HORIZONTAL SPREAD	2.525
VERTICAL SPREAD	3.488
EXTREME SPREAD	3.689
NUMBER IN ONE INCH CIRCLE	0
NUMBER IN TWO INCH CIRCLE	2
NUMBER IN THREE INCH CIRCLE	7

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD 03		PD AUTHENTICATION <i>[Signature]</i>		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION CRESCENZ WPNS POOL 544-1625			B. LOCATION FT BENNING, GA 31905				C. UNIT IDENT CODE WOU255		
2. SERIAL NO. C6348726		3. NOUN NOMENCLATURE Rifle Sniper			4. LINE NO. R95387		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY INST MAINT DIV		B. LEVEL H	8. UTILIZATION CODE 0	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS		11. MILES	12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)						
☐ A Sch. Main.		☐ C Test	☐ E Storage	☐ G Flight	☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment		
☐ B Handling		☐ D Normal Op	☐ F Inspection	☐ H Other	☐ 008 Noisy		☐ 387 Low Performance		☐ 1099 Other		
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>See Attached 2404, Check the whole weapon system</i>											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY MAINT DIV, DOL				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
B. LOCATION FT BENNING, GA 31905						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
					.						\$
					.						\$
					.						\$
					.						\$
					.						\$
					.						\$
					.						\$
					.						\$
					.	RX REPARABLE EX					\$
					.	BENCH STOCK					\$
					.	OTHER PARTS					\$
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One)											
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools	22. Data Transcribed										
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

CUSTOMER ORDER NO.		M-24 SNIPER LEUPOLD 10X SCOPE DEPLOYMENT KIT	
RECEIVED 9/91	DATE OPENED 04/19/91	DATE CODE	SERIAL NUMBER C6348726
MODEL AND GRADE 9999 7.62 NATO		ORDER R 91-09409	
HARD CASE		SLING STRAP	W/STUDS
		W/SWIVELS	

SHIP TO:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING

GA 319055173

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING

GA
319055173

NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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TAX	INSURANCE	UPS	PARCEL POST	TOTAL
-----	-----------	-----	-------------	-------

CONDITION: ☐ NEW ☐ SLIGHTLY WORN ☒ VERY WORN ☐ MISUSED ☐ MARRED

R'S REQUEST

① NEW BARREL, STOCK, TRIGGER ASSY
② RE-POWDER COAT BOLT, TRIGGER GUARD ASSY
③ NEW FIRING PIN
④ NEW EXTRACTOR, EXTRACTOR PIN, EXTRACTOR SPRING

MISSING PARTS REPLACED	Sling Replaced NK					
96108 - .050 ALLEN						
96109 - 1/64 ALLEN						
96014 - MAG FOLLOWER						
96043 - SCOPE DUST COVER FRONT						
96044 - SCOPE DUST COVER REAR						
16935 - CHAMBER BRUSH						
96114 - BORE BRUSH						
96115 - OIL BOTTLE						
96106 - M16 CLEANING BRUSH						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6348726

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	<i>Replaced Trigger Assembly</i>		
	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. #	BARBER - M24 0062428	READING						
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.41	2.41	2.39	2.41	2.41	11-12-91	AT
	C) Function							
660	Pack							

CUST NO: 025793 C.O.D

CUSTOM SHOP #34 PAINTED ON STOCK
M24 SNIPER

CUSTOMER ORDER NO.

RECEIVED 07/91	DATE OPENED 10/09/91	DATE CODE CL 4-91	SERIAL NUMBER C6348726	MODEL AND GRADE 700 7.62	M24	ORDER R 91-20316
SERIES W/STUDS W/SWIVELS SCOPE BASE L/FRONT SIGHT						

A: CRESCENZ WEAPONS POOL MAINT. DIV. DOL FORT BENNING USA	SHIP TO: CRESCENZ WEAPONS POOL MAINT. DIV. DOL FORT BENNING USA
GA 31905	GA 31905

JNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA R481579432
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CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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CONDITION: ☐ NEW ☐ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

OWNER'S REQUEST

FAULT

	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0062426

MAINTENANCE REQUEST				PAGE NO. 1		NO. OF PAGES 1		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)				
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG												
SECTION I - EQUIPMENT DATA												
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD 3		PD AUTHENTICATION <i>[Signature]</i>			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION CRESCENZ WPNS POOL 544-1625			B. LOCATION FT BENNING, GA 31905			C. UNIT IDENT. CODE W00255				
2. SERIAL NO. C6348726		3. NOUN NOMENCLATURE Rifle Sniper			4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136			
7A. MAINTENANCE ACTIVITY INST MAINT DIV		B. LEVEL H		8. UTILIZATION CODE Q		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		
								10. HOURS		11. MILES		
										12. ROUNDS		
										13. STARTS		
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)						
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		
☐ B Handling		☐ D Normal Op		☐ F Inspection		☒ H Other		☐ 008 Noisy		☐ 387 Low Performance		
								☐ 790 Out of Adjustment		☒ 099 Other		
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). Trigger Brake.												
B. REMARKS												
SECTION II - WORK ACCOMPLISHED												
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE				18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				
B. LOCATION								☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				
20A. ACT. CODE		B. FAILURE CODE		C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)		E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	
				(1) CB CODE (2) REF DESIGN. (3) MFR. CODE							G. QTY.	
											H. PARTS COST	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
				I. TOTAL MANHOURS				J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One)				☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools		22. Data Transcribed						
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)		
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged		

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

SERIAL NO. 06348726DATE 10/21/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.33	2.35	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.31	2.38	2.43	
PULL #3	2.32	2.34	2.30	2.50	
PULL #4	2.36	2.33	2.38	2.46	
PULL #5	2.31	2.30	2.36	2.49	
TOTAL		.			
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.44		
PULL #2	3.52	3.44		
PULL #3	3.50	3.26		
PULL #4	3.46	3.45		
PULL #5	3.47	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.40		4.44
PULL #2	4.41	4.38		4.49
PULL #3	4.38	4.41		4.44
PULL #4	4.35	4.28		4.19
PULL #5	4.20	4.46		4.41
TOTAL				
AVG.				

RECEIVING AND ESTIMATING REPORT

R 95-06921

INITIAL FPS	CUSTOMER ORDER NO.		M24 W/ULTRA 10X-M3A SCOPE, & DEPLOYMENT KIT			
DATE RECEIVED 02/24/95	DATE OPENED 02/24/95	DATE CODE CL 4-91	SERIAL NUMBER C6348726	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES W/STUDS		SLING STRAP HARD CASE W/1 SWIVEL		SCOPE MNTS	SCOPE BASE	

FROM:	SHIP TO:
SUPPLY & SERVICE DIVISION WHSE. 224 FT. BENNING GA 31905	SUPPLY & SERVICE DIVISION WHSE. 224 FT. BENNING GA 31905

ACCOUNT NUMBER		ACCOUNT NUMBER N/C	CUST NO:080509 C.O.D L	PROM. DATE	ESTIMATED	VIA R64932902
			WRITE ☐			

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	Broken Bolt Handle
------------	--------------------

PARTS	COMMENTS
Barrel - 96003	Repowder Coat - Trigger Guard Assy
Bolt - 96005	Front & Rear Sight Bases
	Rezine Scope Base, Rings
	Swivel & Swivel Studs
	Trigger Adjusted Outside Factor

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 3/1/95	DATE 3/24/95	DATE 3/24/95	DATE 3/24/95	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 04621962471

MAINTENANCE REQUEST				PAGE NO. 1		NO. OF PAGES 1		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)					
SECTION I - EQUIPMENT DATA													
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD 03		PD AUTHENTICATION				
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION			B. LOCATION <i>Ft. BENNING GA.</i> <i>31905</i>				C. UNIT IDENT CODE				
2. SERIAL NO. <i>06348726</i>		3. NOUN NOMENCLATURE <i>RIFLE SNIPER</i>			4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005012402136</i>				
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS		11. MILES	12. ROUNDS	13. STARTS		
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)							
☐ A Sch. Main. ☐ B Handling		☐ C Test ☐ D Normal Op		☐ E Storage ☐ F Inspection		☐ G Flight ☐ H Other		☐ 068 Inoperative ☐ 008 Noisy		☐ 258 Overheating ☐ 387		☐ 790 Out of Adjustment ☐ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT <i>SEE ATTACHED DA 2404</i>													
RED MAIL 9 329 021													
B. REMARKS <i>POC CPI ALLEN 706-544-7438</i>													
SECTION II - WORK ACCOMPLISHED													
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE			
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor							
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST			
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE									
					.					\$			
					.					\$			
					.					\$			
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					.					\$			
					.					\$			
					.					\$			
					.					\$			
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$				
21. DELAY (Select One)						22. Data Transcribed							
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools													
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)			
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged			

CONTRACT # DAAA21-87-C-0086

New Barrel & Bolt

GUN SERIAL # C6348726

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/1/95	Rw
600	Proof		3/1/95	Rw
607	Check Headspace		3/1/95	Rw
610	Dis-assemble Gun		3/1/95	Rw
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		3/20/95	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/20/95	Rw
	C) Inspect Ejector Hole for Chamfer		3/20/95	Rw
	D) Oil Firing Pin Ass'y		3/20/95	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		3/20/95	Rw

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	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				3/21/95	Rw
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				3/21/95	Rw
655	Final Inspection A) Headspace				3/22/95	Rw
	B) Trigger Pull					
	C) Function				3/22/95	Rw
660	Pack					

Final Inspection

S/N: C6348726

DATE REC'D: 2/24/95

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☒ SETComments: Trigger Adjusted
Outside of Factory.

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348726
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.438631
1 TO	2	.42662
1 TO	3	.651292
1 TO	4	.506913
1 TO	5	.31942

3rd 1 <----POA

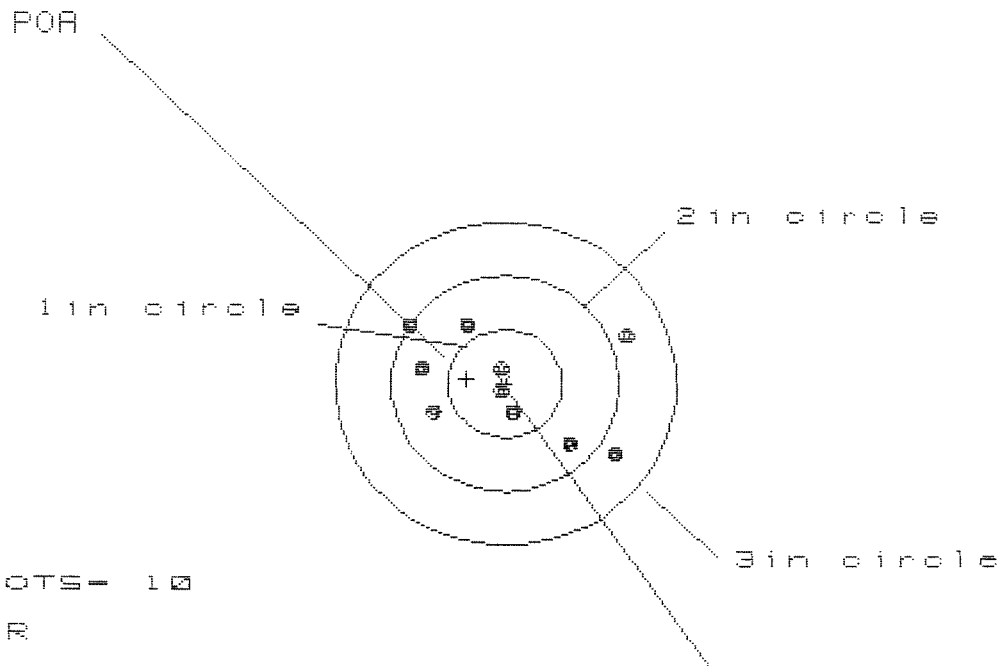
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .057
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .160091
THE AMR FOR THIS RIFLE IS: 1.029

26 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C834B726

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.942

VS= 1.193

GS= 2.199

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.074	1.098	.833
MINIMUM X	:	-.868	-.749	-.612
MAXIMUM Y	:	.584	.632	.562
MINIMUM Y	:	-.609	-.561	-.564
CENTROID X	:	.336	.217	.080
CENTROID Y	:	-.044	-.092	-.022
POA TO CENTROID in.:	:	.339	.236	.083
MIN RADIUS	:	.103	.092	.230
MEAN RADIUS	:	.674	.604	.523
MAX RADIUS	:	1.158	1.233	1.006
HORIZONTAL SPREAD	:	1.942	1.847	1.445
VERTICAL SPREAD	:	1.193	1.193	1.126
EXTREME SPREAD	:	2.199	2.199	1.832
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Mar 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06848726

CENTERFIRE PATTERNS

4

POB

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 7

HS = 3.333

VS = 3.088

GS = 3.495

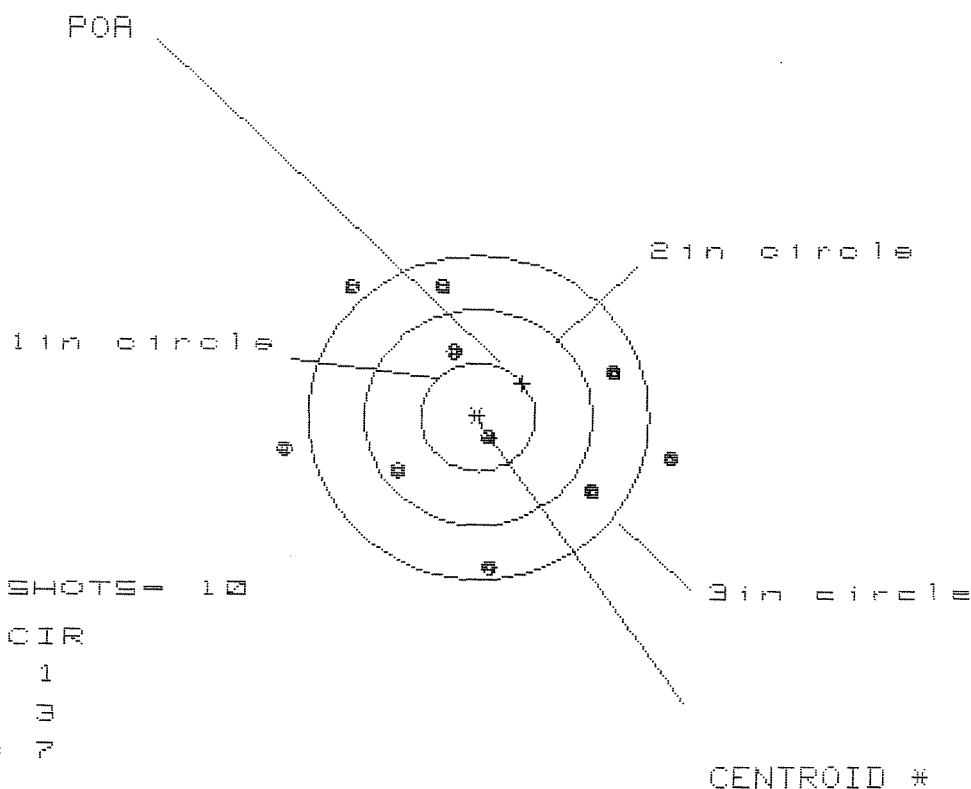
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.678	.710	.677
MINIMUM X	-1.655	-1.468	-1.501
MAXIMUM Y	1.376	1.307	1.084
MINIMUM Y	-1.712	-1.781	-1.508
CENTROID X	.215	.028	.061
CENTROID Y	.151	.220	.443
POB TO CENTROID in.	.262	.222	.447
MIN RADIUS	.489	.512	.335
MEAN RADIUS	1.258	1.191	1.085
MAX RADIUS	1.791	1.801	1.552
HORIZONTAL SPREAD	3.333	2.178	2.178
VERTICAL SPREAD	3.088	3.088	2.592
EXTREME SPREAD	3.495	3.219	2.686
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C634B726

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 3.431

VS= 2.641

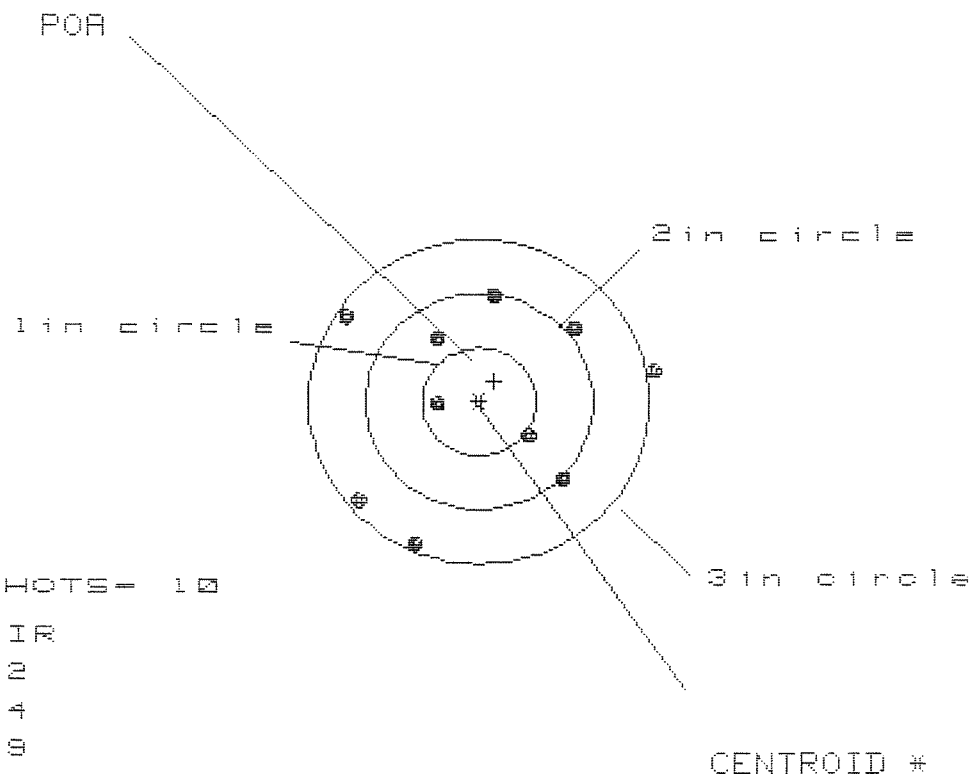
GS= 3.432

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.720
MINIMUM X	-1.711
MAXIMUM Y	1.250
MINIMUM Y	-1.391
CENTROID X	-.391
CENTROID Y	-.313
POA TO CENTROID in.	.501
MIN RADIUS	.226
MEAN RADIUS	1.198
MAX RADIUS	1.764
HORIZONTAL SPREAD	3.431
VERTICAL SPREAD	2.641
EXTREME SPREAD	3.432
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	7

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8348726

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.634

VS= 2.292

GS= 2.856

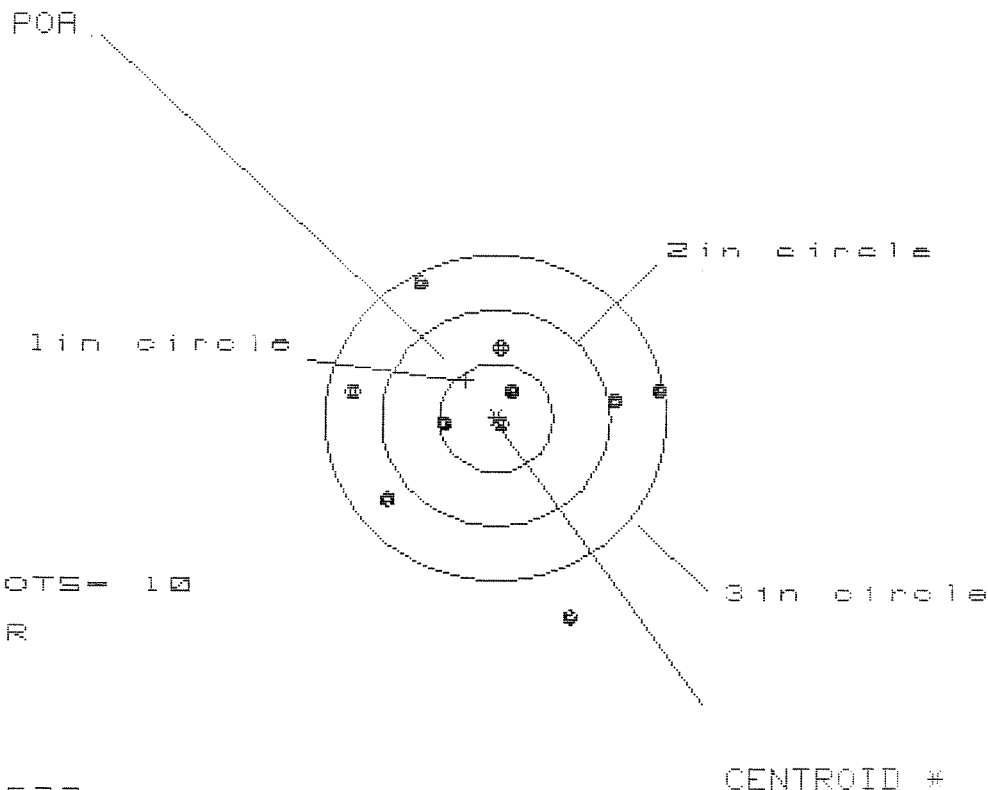
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.491	.952	.836
MINIMUM X	:	-1.143	-.978	-1.094
MAXIMUM Y	:	.967	.998	.885
MINIMUM Y	:	-1.325	-1.294	-1.407
CENTROID X	:	-.134	-.299	-.183
CENTROID Y	:	-.188	-.219	-.106
POA TO CENTROID in.	:	.231	.371	.211
MIN RADIUS	:	.385	.219	.352
MEAN RADIUS	:	1.040	.976	.923
MAX RADIUS	:	1.516	1.354	1.498
HORIZONTAL SPREAD	:	2.634	1.930	1.930
VERTICAL SPREAD	:	2.292	2.292	2.292
EXTREME SPREAD	:	2.856	2.487	2.426
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C834B726

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.637

VS= 3.076

GS= 3.332

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.407	1.474	1.274
MINIMUM X	-1.230	-1.163	-.978
MAXIMUM Y	1.230	1.025	1.025
MINIMUM Y	-1.846	-.926	-.926
CENTROID X	.259	.192	.007
CENTROID Y	-.354	-.149	-.149
POR TO CENTROID in.	.438	.243	.149
MIN RADIUS	.084	.248	.361
MEAN RADIUS	.974	.854	.781
MAX RADIUS	1.942	1.474	1.276
HORIZONTAL SPREAD	2.637	2.637	2.252
VERTICAL SPREAD	3.076	1.951	1.951
EXTREME SPREAD	3.332	2.638	2.258
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

ORDER
98-10128

BAKBEK - M24-UU62444

[illegible]

OFFICE COPY

BD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

RARRER - M24 M2400062483

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Coastal INFREGT</i>		B. LOCATION <i>FT. Benning Ga31905</i>			C. UNIT IDENT CODE <i>W2L5K4</i>		
2. SERIAL NO. <i>C6348726</i>		3. NOUN NOMENCLATURE <i>M24SWS</i>		4. LINE NO. <i>R75387</i>		5. MODEL		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
								10. HOURS	
								11. MILES	
								12. ROUNDS <i>8233</i>	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>Barrel has groove & is stopped</i>									
B. REMARKS									
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)									
- Place a "✓" or an "X" in the box for the type of action required. - Enter the WESDC if the item is Materiel Condition Status Reportable. - Enter the priority designator as determined from the urgency of need and force activity designator. - The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. - Block 1A. Enter the name of the organization submitting the request. - Block 1B. Enter the unit submitting the request; units overseas enter APO only. - Block 1C. Enter the unit identification code of the unit in block 1A. - Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. - Block 3. Enter the noun abbreviation of the item. - Block 4. Enter the item line number, if applicable. - Block 5. Enter the model number. - Block 6. Enter the National Stock Number of the item listed in Block 3. - Block 7. Enter the name of the support activity. - Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). - Block 8. Enter the utilization code. - Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. - Block 9B. Enter the equipment readiness code, if applicable. - Block 9C. Enter the word "yes" if the item is a pacing item. - Block 10. Enter the hour reading, if applicable. - Block 11. Enter the mileage from the odometer, if applicable. - Block 12. Enter the total rounds fired, if applicable. - Block 13. For turbine engines, enter the number of hot starts. - Block 14. Enter a "✓" or "X" in the proper block. - Block 15. Enter a "✓" or "X" in the proper block. - Block 16. Describe briefly the fault or symptoms needing correction.									
23. SUBMITTED BY		24. RECEIVED BY							
JULIAN DATE		JULIAN DATE							

MAINTENANCE REQUEST

For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG

PAGE NO.

NO OF PAGES

REQUIREMENTS CONTROL SYMBOL
CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION		
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION		B. LOCATION			C. UNIT IDENT CODE	
2. SERIAL NO.		3. NOUN NOMENCLATURE		4. LINE NO. R7557	5. MODEL		6. NATIONAL STOCK NUMBER	
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES
							12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).								

B. REMARKS

SECTION II - WORK ACCOMPLISHED

17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor			
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE					
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
									\$
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST	K. TOTAL PARTS COST		
						\$	\$		
DELAY (Select One)					☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools	22. Data Transcribed			
SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY		26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION (Select One)			
						☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged			
JAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE					

200 Rds

C6225235 - w/ Hard Case, Scope #89, 1359, Base & Rings,
1 Swivel & Swivel Studs.
Front & Rear Iron Sights

B ~~6896631~~ 6896631 w/ Scope #88-1163, Base, Rings,
Swivel Studs & Hard Case &
Front & Rear IRON Sights

C6225327 - w/ Hard Case, Scope #91-0487, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear Iron Sights

C6349152 w/ Hard Case, Scope #89 0530, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear IRON Sights

B 6896588 w/ Hard Case, Scope #87-1135, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear Iron
Sights

C6349014 - w/ Hard Case, Scope #87-1143, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear Iron Sights

C6348726 w/ Hard Case, Scope #88-1156, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear IRON Sights.

C6348795 w/ Hard Case, Scope #89-0945, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear IRON Sights

(OVER)

#87-1130

B6896614 W/ Hard Case, Scope, Base, Rings,
1 Swivel, Swivel Studs, Front & Rear Iron Sights

[Faint, mostly illegible handwritten notes and markings follow, including a boxed section with the text "FBI - 1130" and "2000" and various other scribbles and numbers.]

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348726
16 Jul 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1292
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1474
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .196009

THE AMR FOR THIS RIFLE IS: .9878

CENTROIDAL DISTANCES

0	TO	1	.405178
1	TO	2	.555455
1	TO	3	.391184
1	TO	4	.253002
1	TO	5	.230341

2 4 1
+3 <----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .405

MIN RADIUS : .394

MEAN RADIUS : 1.058

MAX RADIUS : 1.824

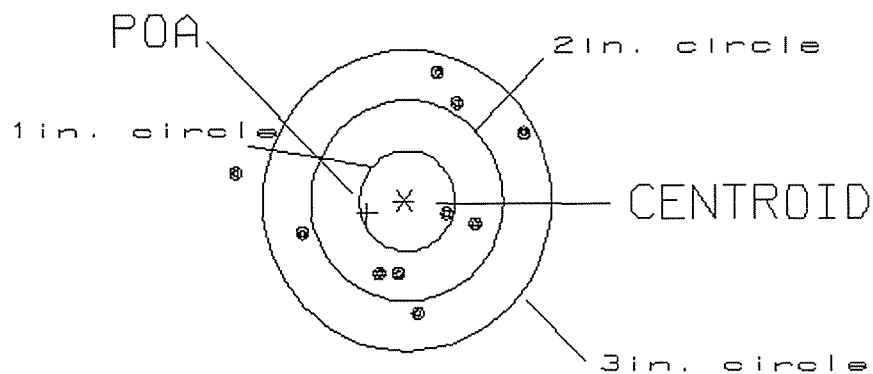
CENTROID X : .387

CENTROID Y : .120

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348726

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.04

1

VS= 2.47

4

GS= 3.06

9

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .317

MIN RADIUS : .273

MEAN RADIUS : .946

MAX RADIUS : 1.472

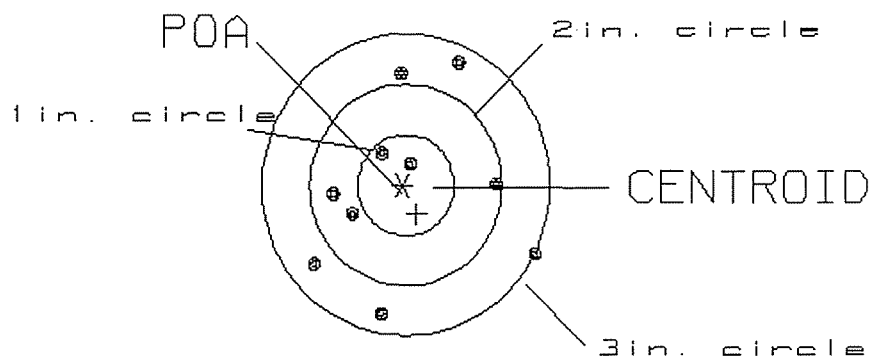
CENTROID X : -.144

CENTROID Y : .283

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348726

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.25

2

VS= 2.45

5

GS= 2.57

10

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .124

MIN RADIUS : .424

MEAN RADIUS : .931

MAX RADIUS : 1.373

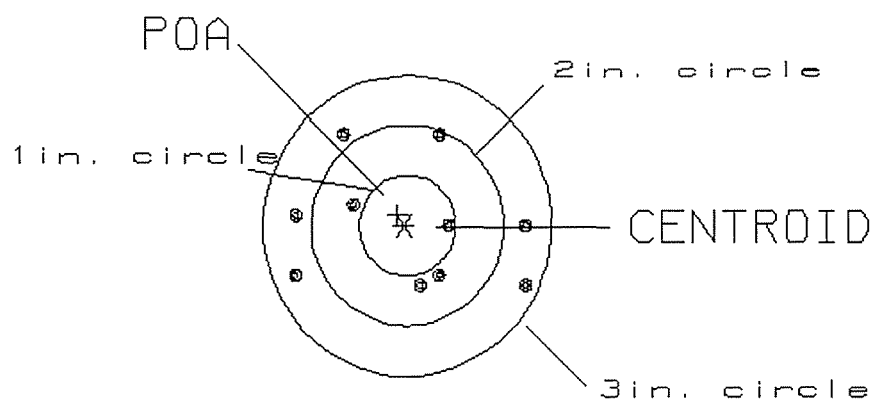
CENTROID X : .067

CENTROID Y : -.105

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348726

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.38

1

VS= 1.55

5

GS= 2.47

10

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .251

MIN RADIUS : .395

MEAN RADIUS : 1.123

MAX RADIUS : 1.717

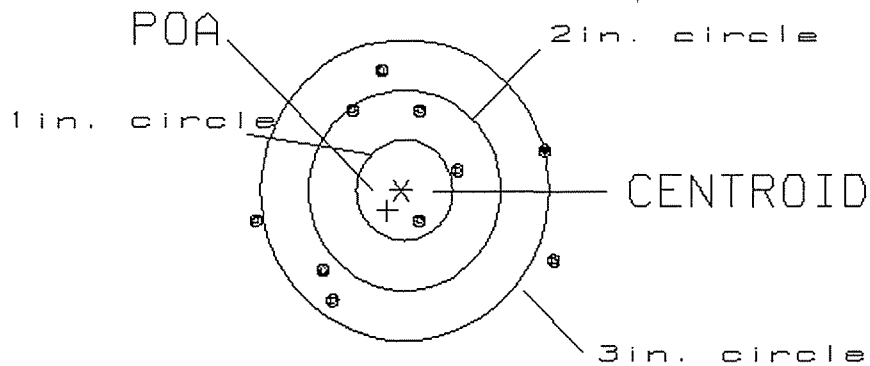
CENTROID X : .148

CENTROID Y : .203

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348726

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.11

1

VS= 2.36

4

GS= 3.13

7

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .301

MIN RADIUS : .311

MEAN RADIUS : .881

MAX RADIUS : 1.669

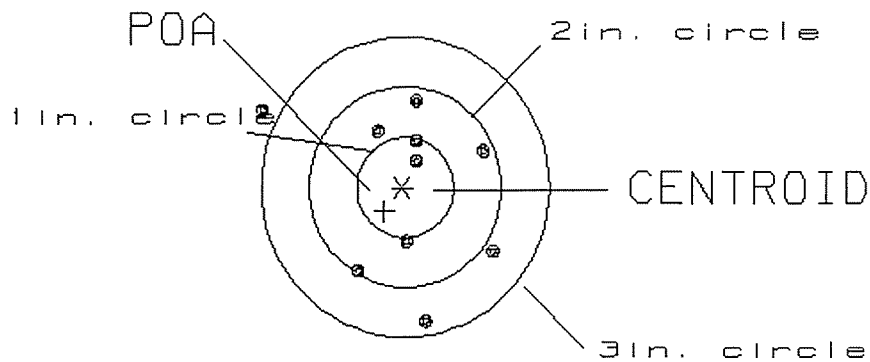
CENTROID X : .188

CENTROID Y : .236

16 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348726

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.36

1

VS= 2.19

7

GS= 2.76

9